

IX: CDBG-DR Second Round Funding Allocations

CDBG-DR Second Round Funding Allocations

Activity	Allocation	Request for Partial Allocation
Housing (Owner-Occupied and Multi-Family Housing)	\$0	\$0
Infrastructure	\$15,000,000	\$0
Public Facilities	\$2,000,000	\$0
Economic & Commercial Revitalization	\$0	\$0
Resiliency	\$3,720,000	\$0
Administration	\$1,295,000	\$0
Planning	\$3,885,000	\$0
Total	\$25,900,000	\$0

Comprehensive Risk Analysis

Infrastructure Assessment Methodology

Organization

The Project Selection Methodology utilized in the Infrastructure Recovery and Implementation Plan (IRIP) begins by subdividing the Study Area identified in the Action Plan into eight (8) distinct Assessment Areas. Each Assessment Area generally encompasses a distinct neighborhood or district within the City of Moore and may or may not include multiple development patterns or land use types. Assessment Areas utilized in the IRIP include the following:

1. Baer's Westmoore (BW)
2. Plaza Towers (PT)
3. Kings Manor (KM)
4. SouthMoor (SM)
5. Madison Place/Hunter's Glen (MH)
6. Eastmoor/JD Estates (EJ)
7. Heatherwood (HW)
8. Estates of Wyndemere/Olde Stonebridge (EO)
9. Arterial Roadway Corridors (AR)

Within each Assessment Area, Assessment Sub-Areas have also been developed. These Assessment Sub-Areas represent smaller organizational units within each Assessment Area and serve as the basis for infrastructure assessment and project selection activities. The limits of each Assessment Sub-Area have been developed based on existing development patterns and land use types as appropriate.

Within each Assessment Sub-Area, assessment of the existing infrastructure will be completed across seven (7) general Infrastructure Categories:

1. Streets
2. Drainage Systems
3. Sanitary Sewer Collection Systems
4. Water Distribution Systems
5. Sidewalks
6. Bikeway/Trail Systems
7. Gateway/Streetscape

Infrastructure Assessment

In assessing a given Infrastructure Category within an Assessment Sub-Area, points will be awarded to each Assessment Sub-Area based on infrastructure-specific metrics developed through Geographic Information System (GIS) Analysis as well as field inspection and observation. Each point awarded within a given Infrastructure Category to an Assessment Sub-Area will be adjusted by a Weighting Factor to reflect the relative importance of each metric contained within the scoring methodology of the subject Infrastructure Category. The developed methodology will award points within each of the following Infrastructure Assessment Categories:

Background Data

Metrics contained with the Background Data Assessment Category are largely related to the characteristics of the subject infrastructure within the Sub-Area prior to the May 2013 Tornado. Information related to infrastructure inventory, construction material, and age are all contained within the Background Data Assessment Category.

Condition

Field review of existing public infrastructure within each Assessment Sub-Area will be completed as a part of the Infrastructure Assessment. Infrastructure conditions such as damage, distress, previous maintenance activities, and design issues will each be noted. Location information will be collected and input into the project GIS database for later review and analysis. Photographic documentation will also be collected during these activities as appropriate.

Damage Score

In acknowledging the impacts from the May 2013 Tornado, GIS Analysis will be performed to identify the portion of the infrastructure inventory within the Assessment Sub-Area which was located within each damage classification footprint. EF0 - EF2, EF2 - EF4, and EF4 - EF5 represent the three specific damage classification footprints across which points will be awarded. The more infrastructure inventory a given Sub-Area has within one of the three noted damage classification footprints, the higher the Sub-Area Damage Score will be. The limits of the noted damage classification footprints shall be

per data collected by the Federal Emergency Management Agency (FEMA) immediately following the May 2013 Tornado.

Proximity Analysis

In recognizing the need to focus infrastructure improvements in areas where the greatest benefit can be realized, GIS Analysis will be completed to help identify those Assessment Sub-Areas with a high-degree of public infrastructure in close proximity to public facilities such as Elementary Schools, Junior High Schools, Parks, Community Centers, Libraries, and Medical Facilities. For Infrastructure Categories such as Sanitary Sewer Collection Systems and Water Distribution Systems, the Proximity Analysis will also focus on Critical Water Users identified in the City of Moore 2008 Emergency Response Plan.

Low-Moderate Income Benefit

To help ensure that emphasis is placed on projects which benefit Low and Moderate Income (LMI) Areas, each Infrastructure Category will be reviewed to note (1) whether the noted infrastructure exists within an LMI Area (i.e., Census Tract 2016.04), and (2) whether improvements to the subject infrastructure would benefit an LMI Area. Points will be awarded to the Assessment Sub-Area accordingly.

Health and Safety

The Health and Safety Infrastructure Assessment Category aims to increase the point value for Infrastructure Categories which serve or are in close proximity to medical and/or emergency response facilities. In addition, points will be awarded within the Infrastructure Assessment Category if opportunities exist to harden the subject infrastructure against future community disasters.

Long Term Recovery / Economic Revitalization

In addressing the need to identify infrastructure projects which will help ensure long-term recovery from the May 2013 Tornado, the subject Infrastructure Assessment Category will aim to identify Infrastructure Categories which may encourage reinvestment in the Assessment Sub-Area and/or reduce future maintenance requirements for the City of Moore. Within this Infrastructure Assessment Category, points will be awarded where an opportunity exists to improve the community aesthetics, as well as where opportunities exist to address either historic or projected capacity, load, or design issues.

Opportunity

Subsequent to the May 2013 Tornado, the City of Moore initiated a Community Outreach Program to gather citizen input regarding improvements they perceive would be beneficial in both their neighborhoods as well as the Study Area as a whole. Based on comments and input received from this program, as well as additional comments from City Staff, a list of potential projects within each Assessment Sub-Area can be developed

for each Infrastructure Category. Based on this list, points will be assigned to the Sub-Area to acknowledge that opportunities exist to improve services and public spaces for citizens and business owners within the Sub-Area. Using this approach, Sub-Areas with more potential infrastructure projects would receive higher Opportunity Scores.

Infrastructure Rating Index

Once Infrastructure Assessment has been completed in all Infrastructure Assessment Categories, scores will be summed from each Infrastructure Assessment Category to generate and Infrastructure Rating Index (IRI) for the given Infrastructure Category within the Sub-Area. This IRI will be compared against the IRI in all other Assessment Sub-Areas to identify those Assessment Sub-Areas where new infrastructure projects may be most warranted. Using this approach, an IRI will be generated for each Infrastructure Category within each Assessment Sub-Area

Project Development

Once all IRIs have been developed for each Infrastructure Category across each Assessment Sub-Area, GIS analysis will be completed which identifies how IRI scores vary within the Assessment Sub-Areas as well as across the larger Study Area. Based on this analysis, logical Project Scopes will be developed. It is anticipated that Project Scopes will likely be contained within single Assessment Areas and/or Assessment Sub-Areas, but will involve multiple Infrastructure Categories. As a result, each Project Scope developed will have a Project Rating Index (PRI) equal to the summation of the IRIs it involves.

Using this approach, a comprehensive list of Infrastructure Projects within the Study Area will be developed. Projects with higher PRIs will represent those infrastructure projects anticipated to have a more significant impact on the City of Moore's recovery from the May 2013 Tornado.

Appendices

Appendix I: City of Moore Resolution 805(14) Adopting the Community Development Block Group – Disaster Recovery Second Allocation Action Plan

Appendix J: Infrastructure Recovery and Implementation Plan – Infrastructure Assessment Form

Appendix K: Updated Damage Assessment Report

Appendix I

RESOLUTION 805(14)

RESOLUTION ADOPTING THE 2013 DISASTER RECOVERY SECOND ALLOCATION ACTION PLAN FOR COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM BUDGET FOR THE 2013 DISASTER, AND AUTHORIZING THE MAYOR TO SUBMIT THE PLAN TO THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

WHEREAS, the Disaster Recovery Annual Action Plan meets all current planning and application requirements of the Community Planning and Development Programs funded by the U.S. Department of Housing and Urban Development; and

WHEREAS, the consolidated programs include Community Development Block Grant; Home Investment Partnership program, Emergency Shelter Grants and Housing Opportunities for Persons with AIDS; and

WHEREAS, the City of Moore has conducted public hearings and has received public input concerning the development of the Disaster Recovery Annual Action Plan and otherwise informed residents of the proposed plan of activities and budget levels for Disaster Recovery Action Plan; and

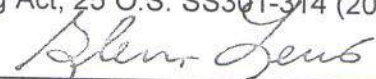
WHEREAS, the Disaster Recovery Annual Action Plan contains the HUD Form 424 and the required certifications of eligibility for federal assistance.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the City of Moore, Oklahoma, as follows:

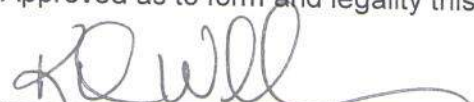
The City Council has reviewed the 2013 Disaster Recovery Action Plan for expenditure of Community Development Block Grant Program projected use of funds and activities scheduled and find it to be consistent with the overall objectives of the Housing and Community Development Act and local neighborhood redevelopment strategies, and authorize the Mayor to submit and same.

ADOPTED, this 15th Day of September, 2014, at a regularly scheduled meeting of the governing body in compliance with the Open Meeting Act, 25 O.S. SS301-314 (2001).


JIM CORBETT, CITY CLERK


GLENN LEWIS, MAYOR

Approved as to form and legality this 15th day of September, 2014.


K.O. Williams, ASSISTANT CITY ATTORNEY



APPLICATION FOR FEDERAL ASSISTANCE

OMB Approved No. 3076-0006

Version 7/03

1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		2. DATE SUBMITTED September 15, 2014	Applicant Identifier
<input type="checkbox"/> Pre-application <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		3. DATE RECEIVED BY STATE	State Application Identifier
5. APPLICANT INFORMATION Legal Name: City of Moore		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
Organizational DUNS: 055099188		Organizational Unit: Department: Community Development	
Address: Street: 301 N. Broadway Ave.		Division: Planning Division	
City: Moore		Name and telephone number of person to be contacted on matters involving this application (give area code) Prefix: Mr.	
County: Cleveland		First Name: Jared	
State: Oklahoma		Middle Name Dace	
Zip Code 73160		Last Name Jakubowski	
Country: USA		Suffix:	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 73-6005334		Email: jaredj@cityofmoore.com	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.) Other (specify)		7. TYPE OF APPLICANT: (See back of form for Application Types) C. Other (specify)	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE (Name of Program): Community Development Block Grant Disaster Recovery (CDBG-DR)		9. NAME OF FEDERAL AGENCY: U.S. Department of Housing and Urban Development	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): City of Moore, Cleveland County, Oklahoma		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Moore, Oklahoma Disaster Recovery Program Action Plan, May 2013 Storms	
13. PROPOSED PROJECT Start Date: September, 2014		14. CONGRESSIONAL DISTRICTS OF: a. Applicant OK-4	
Ending Date: September, 2019		b. Project OK-4	
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 25,900,000.00	a. Yes. <input type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE:	
b. Applicant	\$.00	b. No. <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372	
c. State	\$.00	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
d. Local	\$.00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
e. Other	\$.00	<input type="checkbox"/> Yes If "Yes" attach an explanation.	
f. Program Income	\$.00	<input checked="" type="checkbox"/> No	
g. TOTAL	\$.00	18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.	
a. Authorized Representative			
Prefix Mayor	First Name Glenn	Middle Name	
Last Name Lewis	Suffix		
b. Title Mayor	c. Telephone Number (give area code) (405) 793-5200		
d. Signature of Authorized Representative <i>[Signature]</i>	e. Date Signed		

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Appendix J



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	2212			
Functional Classification				
Length of Arterial(ft)	1372	0.62	10.00	6.20
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	840	0.38	1.00	0.38
Material				
Length of Asphalt (ft)	749	0.34	10.00	3.39
Length of Concrete (ft)	1463	0.66	5.00	3.31
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1435	0.65	10.00	6.49
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	479	0.22	4.00	0.87
less than 10-years	0	0.00	2.00	0.00
Unknown	298	0.13	1.00	0.13

Background Score 20.76

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	703	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	1509	0.68	0.00	0.00

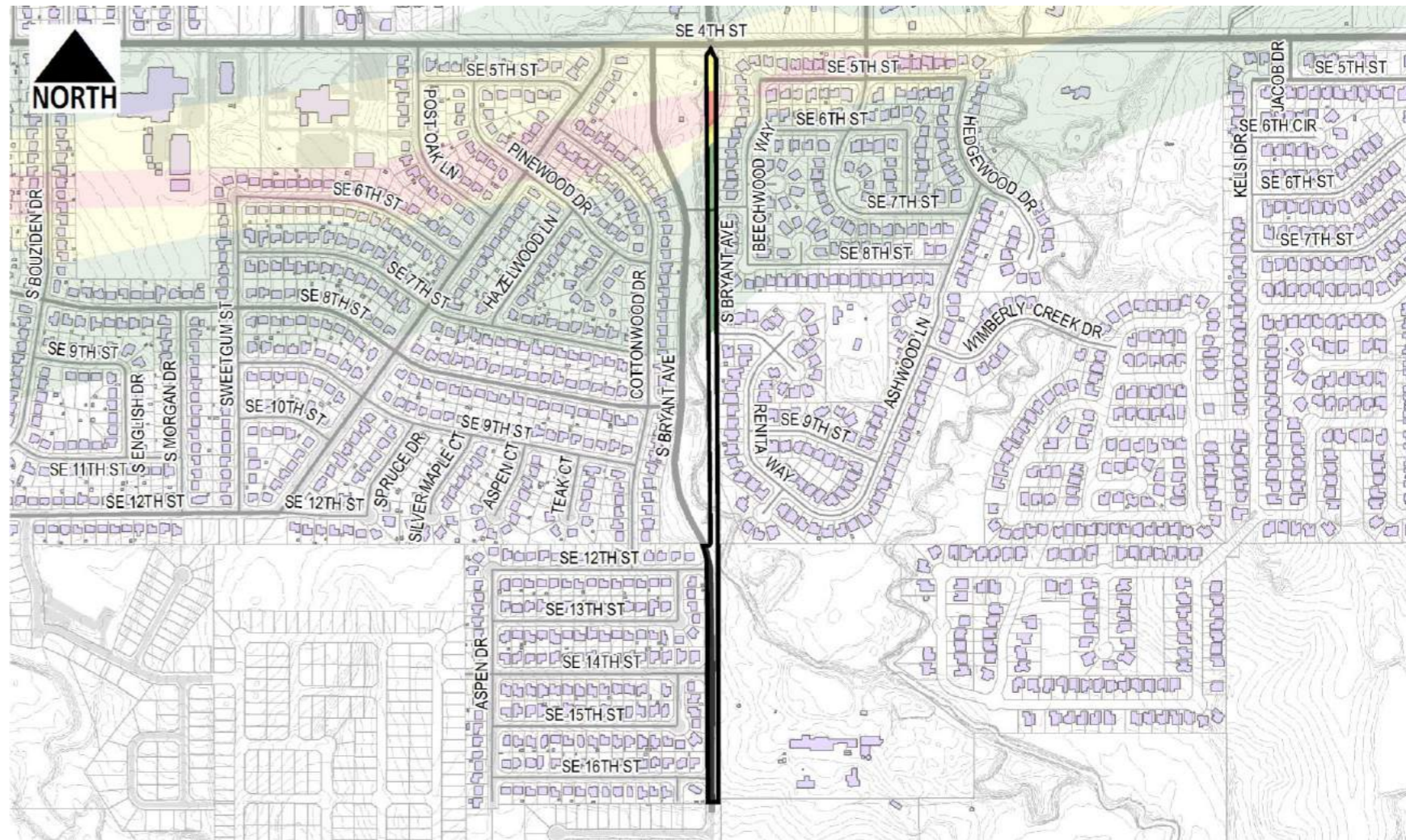
Damage Score 0.64

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1070	0.48	10.00	4.84
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 4.84

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	6	0.05	0.30
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	27	0.05	1.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	10	0.05	0.50	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	10	0.05	0.50	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	10	0.05	0.50	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	6	0.05	0.30	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **50.74**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	1598			
Functional Classification				
Length of Arterial(ft)	1482	0.93	10.00	9.27
Length of Collector (ft)	35	0.02	5.00	0.11
Length of Local (ft)	81	0.05	1.00	0.05
Material				
Length of Asphalt (ft)	771	0.48	10.00	4.82
Length of Concrete (ft)	827	0.52	5.00	2.59
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	507	0.32	10.00	3.17
15 to 20-years	920	0.58	5.00	2.88
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	171	0.11	1.00	0.11

Background Score 23.01

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	78	0.05	5.00	0.24
Length within EF0 to EF2 Damage Area prior to disaster (ft)	536	0.34	2.00	0.67
Length Outside Damage Area prior to Disaster (ft)	984	0.62	0.00	0.00

Damage Score 0.91

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	13	0.05	0.65	SR10 - Weathering / Raveling	2	0.05	0.10
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	1	0.05	0.05
SR3 - Subgrade Failure	42	0.05	2.10	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	4	0.05	0.20	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	5	0.05	0.25	SR14 - Drive Damage	2	0.05	0.10
SR6 - Transverse Cracking	11	0.05	0.55	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 4.05



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **58.97**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Broadway Avenue

Assessment Sub-Area: BR1

Infrastructure Category: Streets

Exhibit Group: E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	5674			
Functional Classification				
Length of Arterial (ft)	5175	0.91	10.00	9.12
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	499	0.09	1.00	0.09
Material				
Length of Asphalt (ft)	5674	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	240	0.04	10.00	0.42
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5434	0.96	1.00	0.96

Background Score: 20.59

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	174	0.03	10.00	0.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1252	0.22	5.00	1.10
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1627	0.29	2.00	0.57
Length Outside Damage Area prior to Disaster (ft)	2621	0.46	0.00	0.00

Damage Score: 1.98

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	5674	1.00	2.00	2.00
Length within 0.25-mi of Library (ft)	782	0.14	1.00	0.14
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score: 2.14

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	137	0.05	6.85	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	3	0.05	0.15	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	5	0.05	0.25	SR14 - Drive Damage	4	0.05	0.20
SR6 - Transverse Cracking	20	0.05	1.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	3	0.05	0.15	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	1	0.05	0.05
SR9 - Potholes	0	0.05	0.00				

Condition Score: 8.80



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Broadway Avenue
 Assessment Sub-Area BR1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **44.51**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	11745			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	3893	0.33	5.00	1.66
Length of Local (ft)	7851	0.67	1.00	0.67
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	11745	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	9957	0.85	10.00	8.48
15 to 20-years	1787	0.15	5.00	0.76
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 16.56

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3901	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	7844	0.67	0.00	0.00

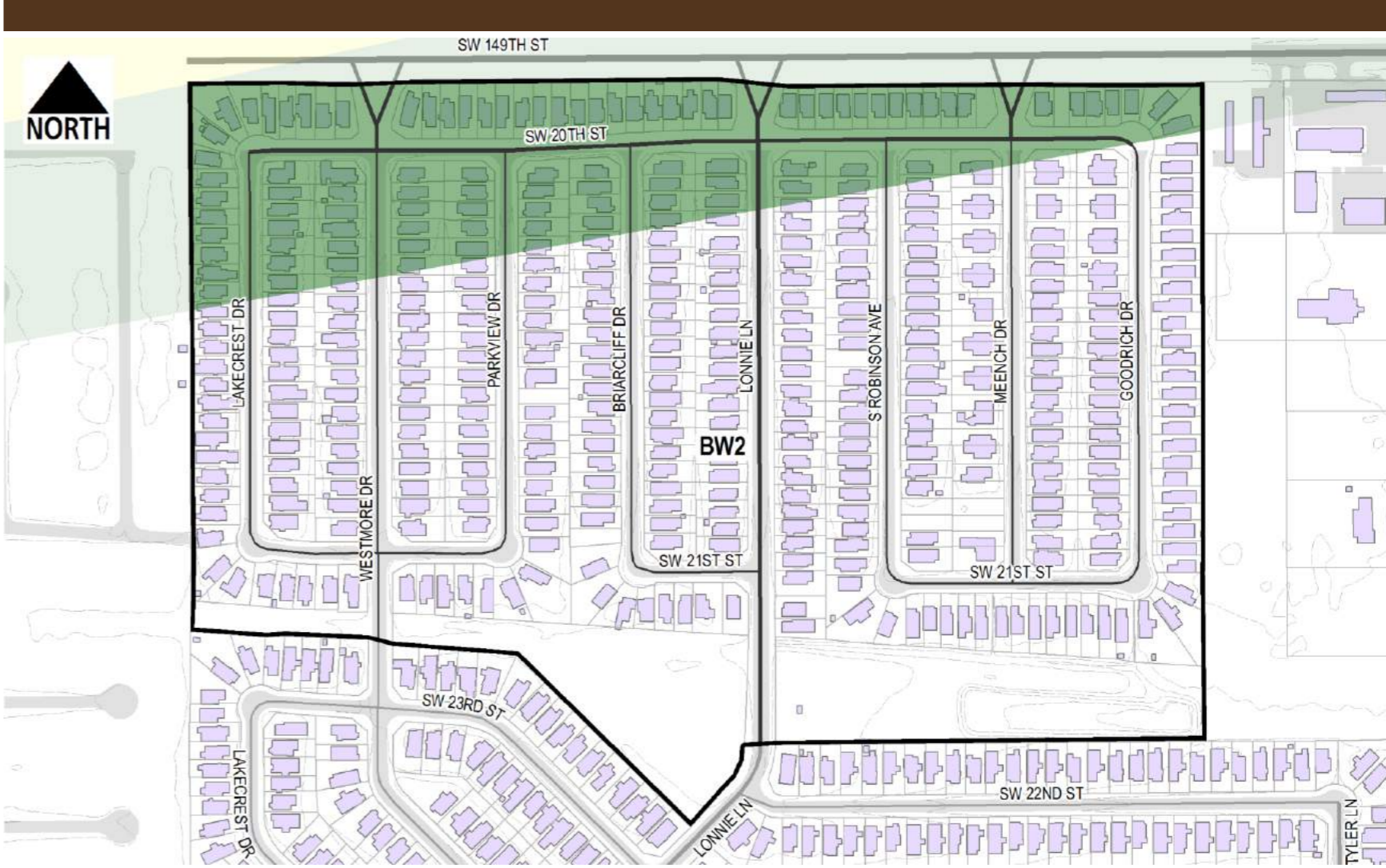
Damage Score 0.66

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	7925	0.67	10.00	6.75
Length within 0.25-mi of Junior High School (ft)	170	0.01	5.00	0.07
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 6.82

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	5	0.05	0.25	SR10 - Weathering / Raveling	18	0.05	0.90
SR2 - Surface Irregularity	4	0.05	0.20	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	189	0.05	9.45	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	29	0.05	1.45	SR13 - Curb Damage	9	0.05	0.45
SR5 - Longitudinal Cracking	53	0.05	2.65	SR14 - Drive Damage	233	0.05	11.65
SR6 - Transverse Cracking	106	0.05	5.30	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	17	0.05	0.85
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	25	0.05	1.25
SR9 - Potholes	3	0.05	0.15				

Condition Score 34.55



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA BW2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **84.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	3844			
Functional Classification				
Length of Arterial(ft)	3403	0.89	10.00	8.85
Length of Collector (ft)	146	0.04	5.00	0.19
Length of Local (ft)	294	0.08	1.00	0.08
Material				
Length of Asphalt (ft)	50	0.01	10.00	0.13
Length of Concrete (ft)	3794	0.99	5.00	4.93
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	173	0.05	10.00	0.45
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	3671	0.95	1.00	0.95

Background Score 15.59

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	302	0.08	10.00	0.79
Length within EF2 to EF4 Damage Area prior to disaster (ft)	370	0.10	5.00	0.48
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1269	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	1902	0.49	0.00	0.00

Damage Score 1.93

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	1	0.05	0.05	SR10 - Weathering / Raveling	34	0.05	1.70
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	7	0.05	0.35
SR3 - Subgrade Failure	64	0.05	3.20	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	5	0.05	0.25	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	12	0.05	0.60	SR14 - Drive Damage	11	0.05	0.55
SR6 - Transverse Cracking	5	0.05	0.25	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	1	0.05	0.05				

Condition Score 7.10



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
EA1: RECONSTRUCTION OF S. EASTERN AVENUE	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **50.62**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	200			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	200	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	200	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	200	1.00	4.00	4.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 15.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	87	0.44	5.00	2.18
Length within EF0 to EF2 Damage Area prior to disaster (ft)	113	0.57	2.00	1.13
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00

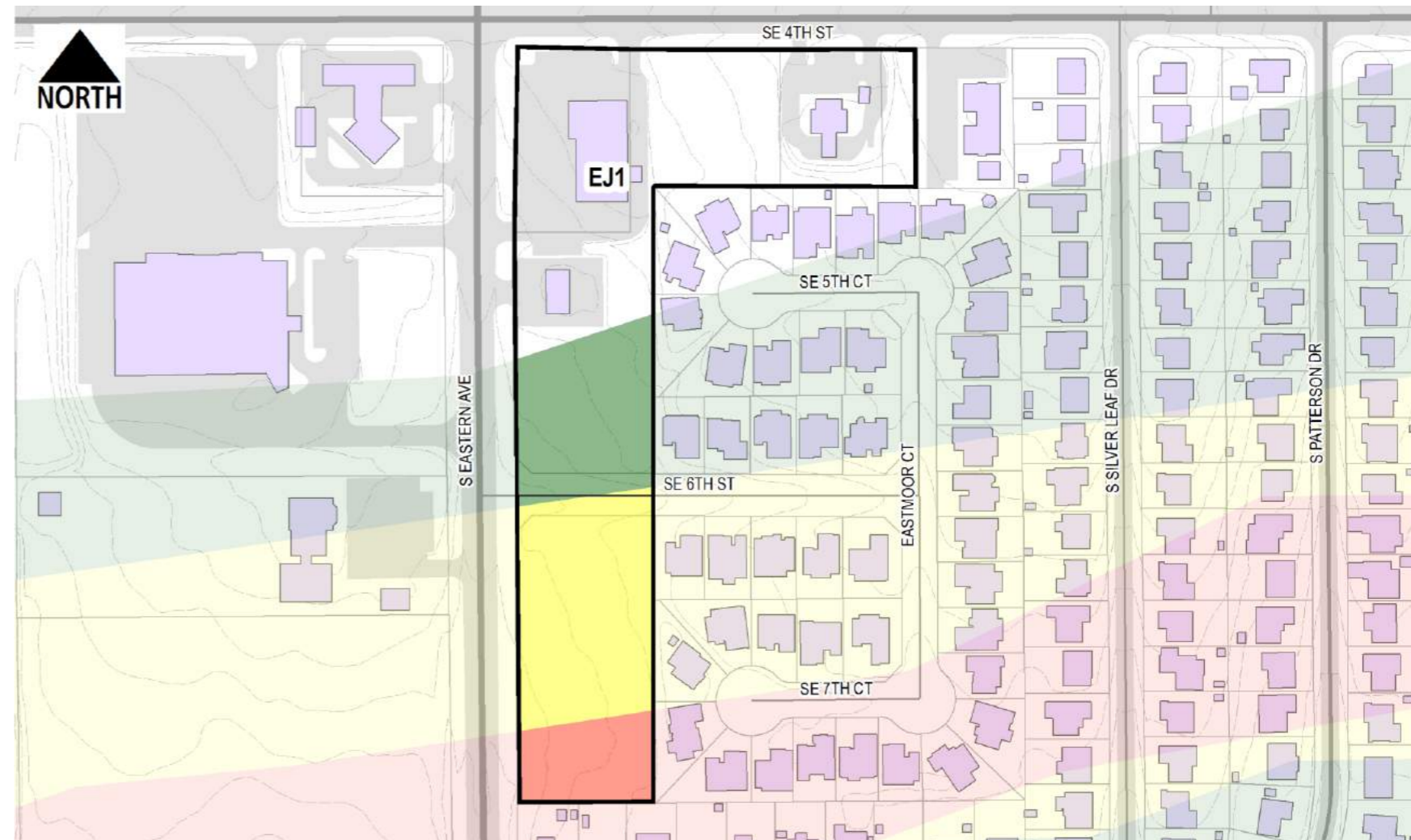
Damage Score 3.31

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	0	0.05	0.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	3	0.05	0.15	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 0.20



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **18.51**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ2

Infrastructure Category Streets

Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	20390			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	6620	0.32	5.00	1.62
Length of Local (ft)	13770	0.68	1.00	0.68
Material				
Length of Asphalt (ft)	1427	0.07	10.00	0.70
Length of Concrete (ft)	18963	0.93	5.00	4.65
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	18963	0.93	10.00	9.30
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	1427	0.07	4.00	0.28
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 17.23

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1392	0.07	10.00	0.68
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2299	0.11	5.00	0.56
Length within EF0 to EF2 Damage Area prior to disaster (ft)	10063	0.49	2.00	0.99
Length Outside Damage Area prior to Disaster (ft)	6637	0.33	0.00	0.00

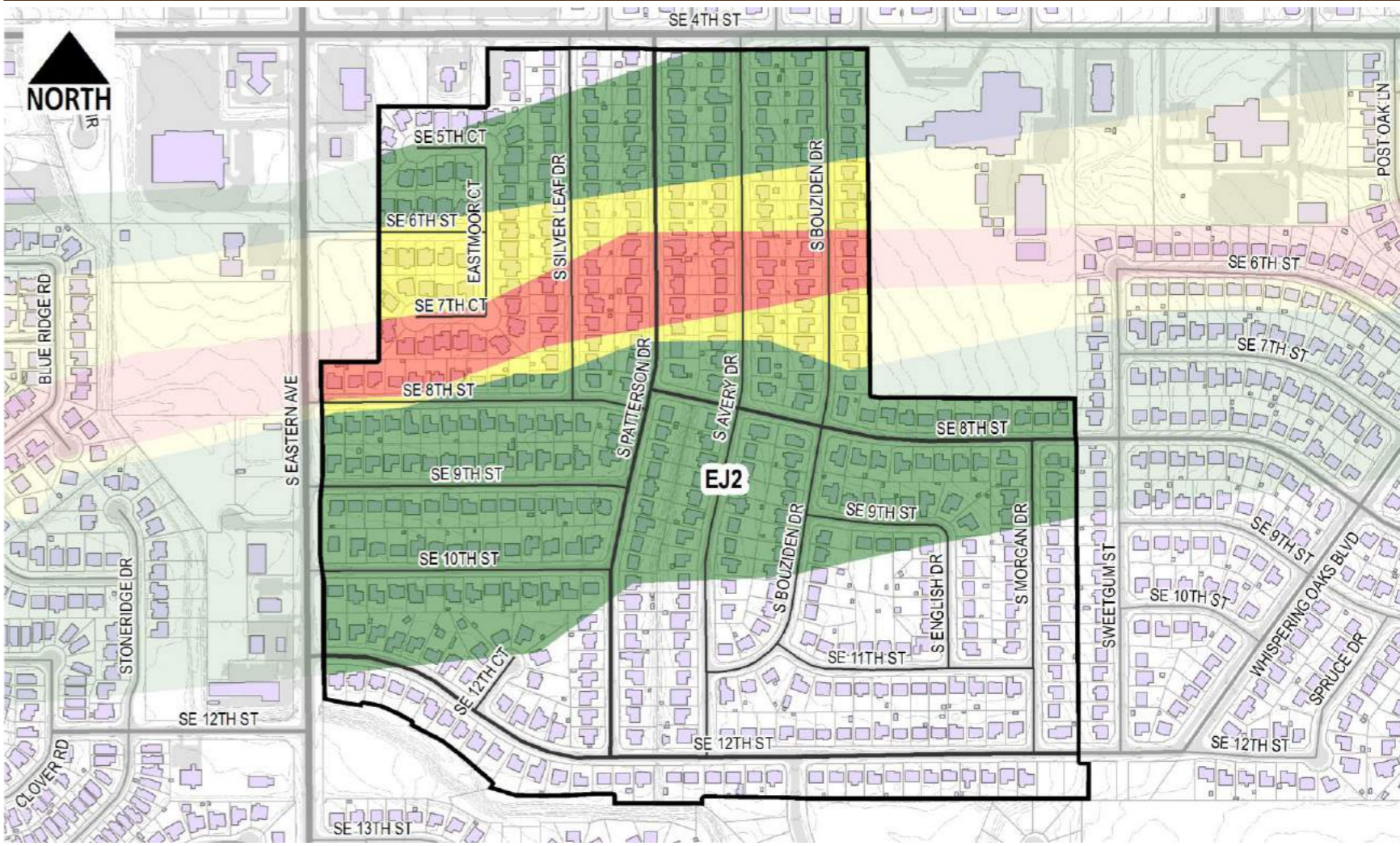
Damage Score 2.23

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	10253	0.50	10.00	5.03
Length within 0.25-mi of Junior High School (ft)	15567	0.76	5.00	3.82
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 8.85

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	10	0.05	0.50
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	338	0.05	16.90	SR12 - Scaling	2	0.05	0.10
SR4 - Spalling at Joint	23	0.05	1.15	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	57	0.05	2.85	SR14 - Drive Damage	303	0.05	15.15
SR6 - Transverse Cracking	40	0.05	2.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	8	0.05	0.40	SR16 - Abandoned Drive / Sidewalk	32	0.05	1.60
SR8 - Patching	2	0.05	0.10	SR17 - Recent repair work	109	0.05	5.45
SR9 - Potholes	2	0.05	0.10				

Condition Score 46.45



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **100.76**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ5

Infrastructure Category Streets

Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	22718			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	5839	0.26	5.00	1.29
Length of Local (ft)	16878	0.74	1.00	0.74
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	22718	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	22716	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1	0.00	1.00	0.00

Background Score 17.03

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2266	0.10	10.00	1.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3000	0.13	5.00	0.66
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7466	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	9985	0.44	0.00	0.00

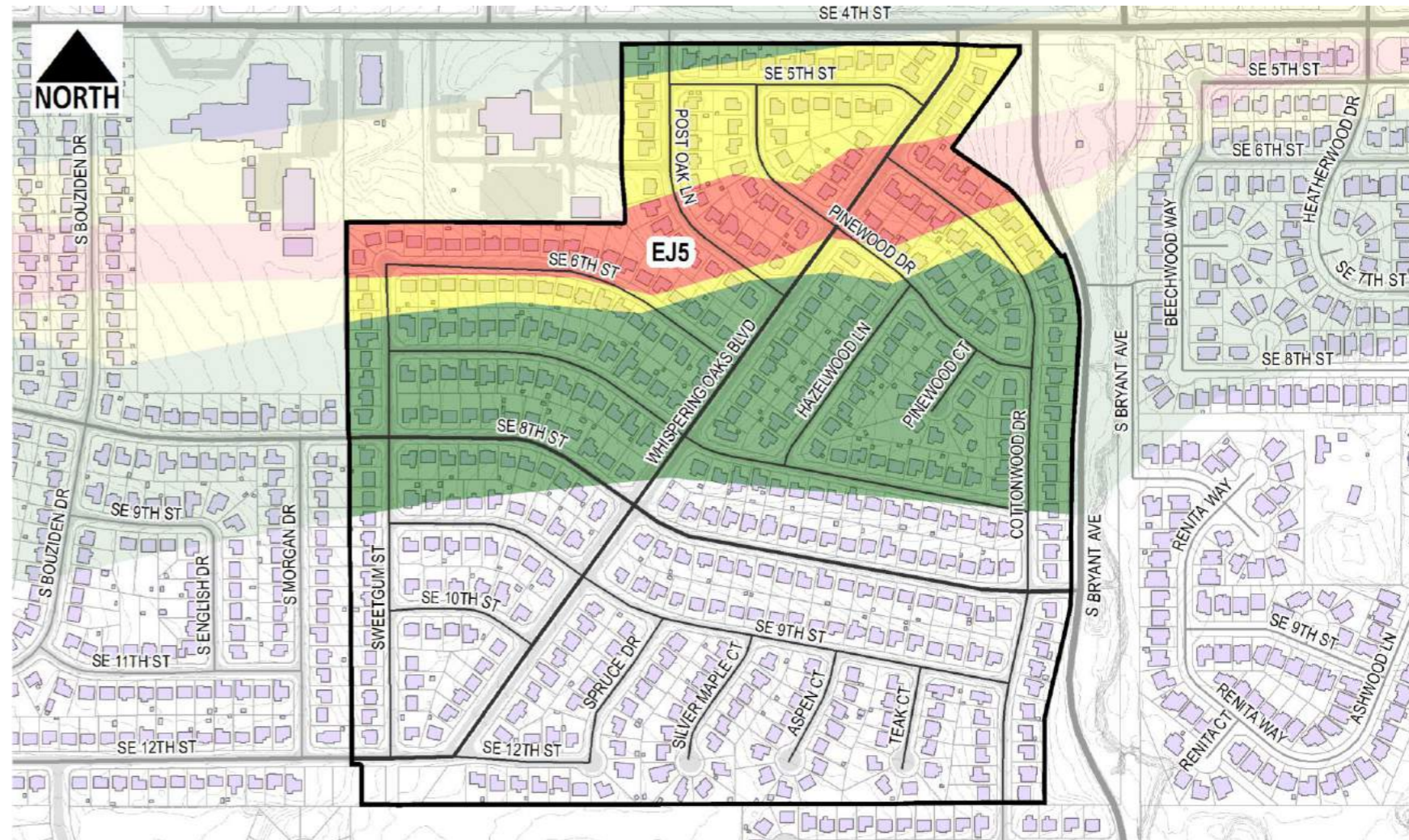
Damage Score 2.31

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	4304	0.19	10.00	1.89
Length within 0.25-mi of Junior High School (ft)	10352	0.46	5.00	2.28
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 4.17

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	1	0.05	0.05	SR10 - Weathering / Raveling	30	0.05	1.50
SR2 - Surface Irregularity	1	0.05	0.05	SR11 - Corner Break	8	0.05	0.40
SR3 - Subgrade Failure	382	0.05	19.10	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	83	0.05	4.15	SR13 - Curb Damage	10	0.05	0.50
SR5 - Longitudinal Cracking	89	0.05	4.45	SR14 - Drive Damage	307	0.05	15.35
SR6 - Transverse Cracking	39	0.05	1.95	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	57	0.05	2.85
SR8 - Patching	14	0.05	0.70	SR17 - Recent repair work	82	0.05	4.10
SR9 - Potholes	10	0.05	0.50				

Condition Score 55.65



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ5
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ5: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **105.17**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ6

Infrastructure Category Streets

Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	2763			
Functional Classification				
Length of Arterial(ft)	2628	0.95	10.00	9.51
Length of Collector (ft)	24	0.01	5.00	0.04
Length of Local (ft)	111	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	111	0.04	10.00	0.40
Length of Concrete (ft)	2652	0.96	5.00	4.80
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 14.80

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	261	0.09	10.00	0.94
Length within EF2 to EF4 Damage Area prior to disaster (ft)	417	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1050	0.38	2.00	0.76
Length Outside Damage Area prior to Disaster (ft)	1034	0.37	0.00	0.00

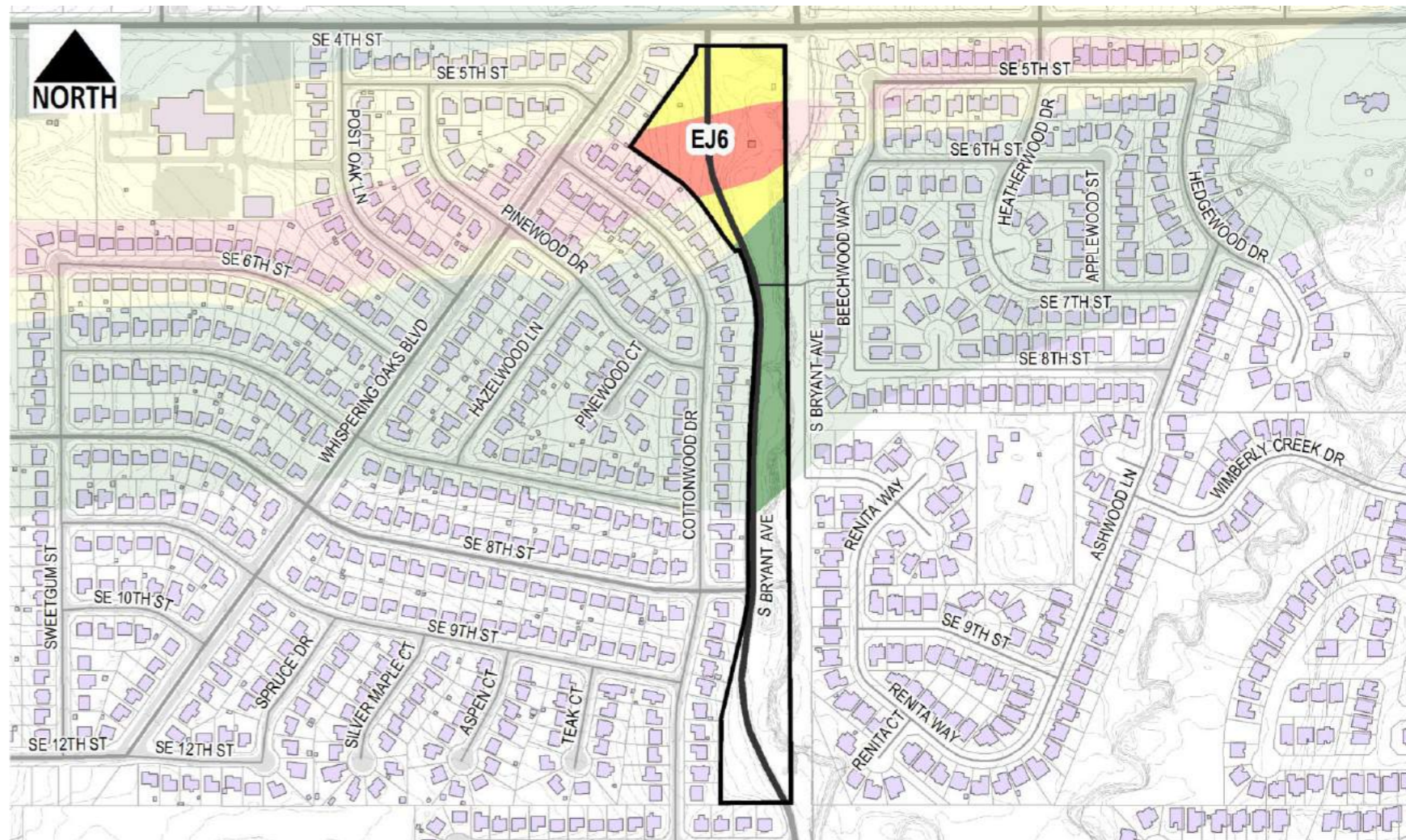
Damage Score 2.46

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	30	0.05	1.50	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	4	0.05	0.20	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	30	0.05	1.50	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	1	0.05	0.05	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	2	0.05	0.10	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ6: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.76**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	8114			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	1229	0.15	5.00	0.76
Length of Local (ft)	6885	0.85	1.00	0.85
Material				
Length of Asphalt (ft)	8114	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	3628	0.45	5.00	2.24
10 to 15-years	4486	0.55	4.00	2.21
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 16.05

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	562	0.07	10.00	0.69
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1005	0.12	5.00	0.62
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5089	0.63	2.00	1.25
Length Outside Damage Area prior to Disaster (ft)	1457	0.18	0.00	0.00

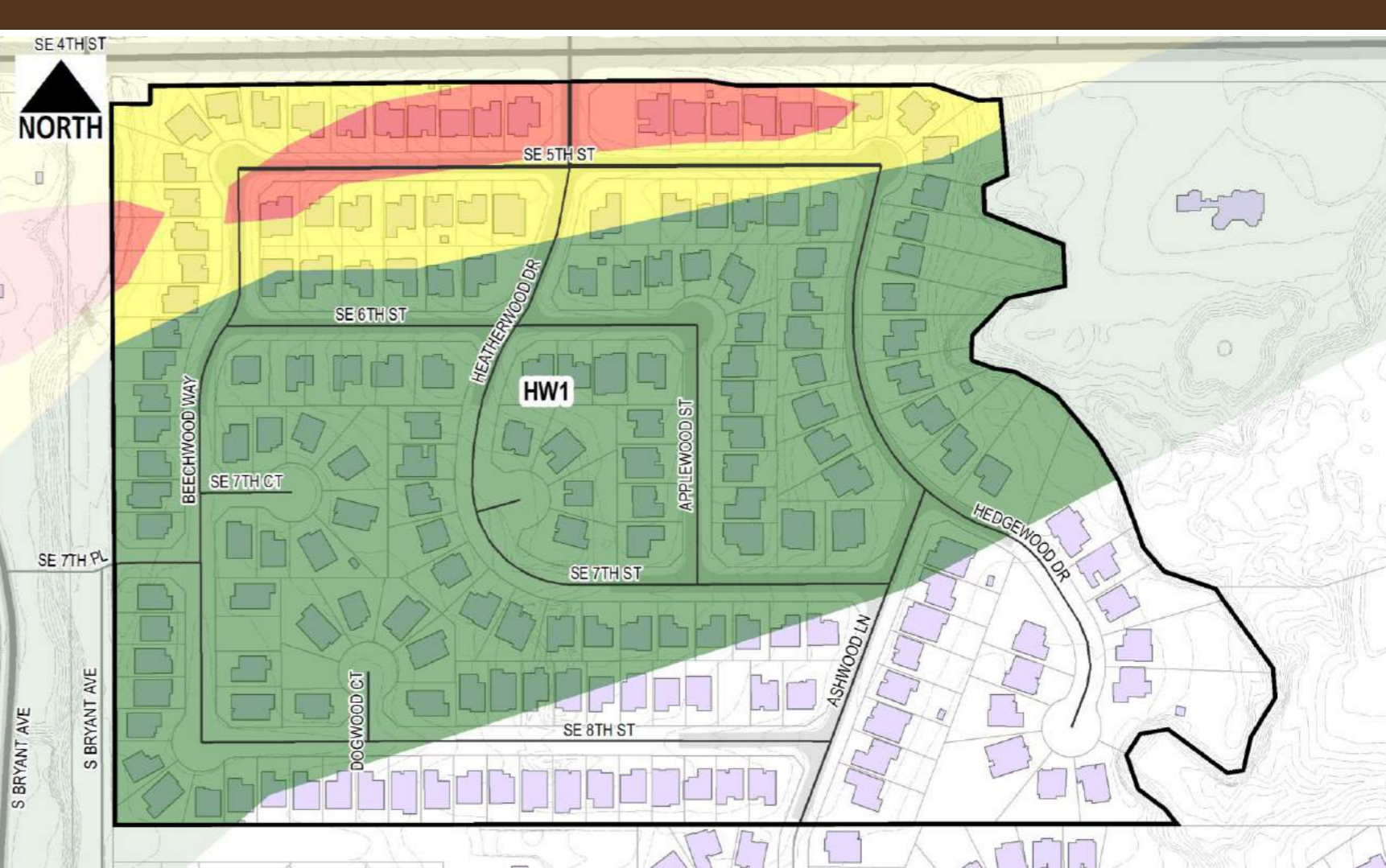
Damage Score 2.57

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	54	0.05	2.70	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	2	0.05	0.10	SR14 - Drive Damage	3	0.05	0.15
SR6 - Transverse Cracking	145	0.05	7.25	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	10	0.05	0.50
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	15	0.05	0.75
SR9 - Potholes	0	0.05	0.00				

Condition Score 11.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA HW1: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **41.12**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	7826			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	3947	0.50	5.00	2.52
Length of Local (ft)	3880	0.50	1.00	0.50
Material				
Length of Asphalt (ft)	1	0.00	10.00	0.00
Length of Concrete (ft)	7825	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	7826	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 18.02

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	29	0.00	5.00	0.02
Length within EF0 to EF2 Damage Area prior to disaster (ft)	6144	0.79	2.00	1.57
Length Outside Damage Area prior to Disaster (ft)	1654	0.21	0.00	0.00

Damage Score 1.59

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	6	0.05	0.30
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	134	0.05	6.70	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	3	0.05	0.15
SR5 - Longitudinal Cracking	7	0.05	0.35	SR14 - Drive Damage	101	0.05	5.05
SR6 - Transverse Cracking	4	0.05	0.20	SR15 - Evidence of Ponding	4	0.05	0.20
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	1	0.05	0.05
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	8	0.05	0.40
SR9 - Potholes	0	0.05	0.00				

Condition Score 13.40



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
SUB-AREA LR1: EXTENSION OF S. JANEWAY TO SW 10TH	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **79.01**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	9052			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	1986	0.22	5.00	1.10
Length of Local (ft)	7066	0.78	1.00	0.78
Material				
Length of Asphalt (ft)	7370	0.81	10.00	8.14
Length of Concrete (ft)	1682	0.19	5.00	0.93
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	9052	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 20.95

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1889	0.21	10.00	2.09
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1822	0.20	5.00	1.01
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5342	0.59	2.00	1.18
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00

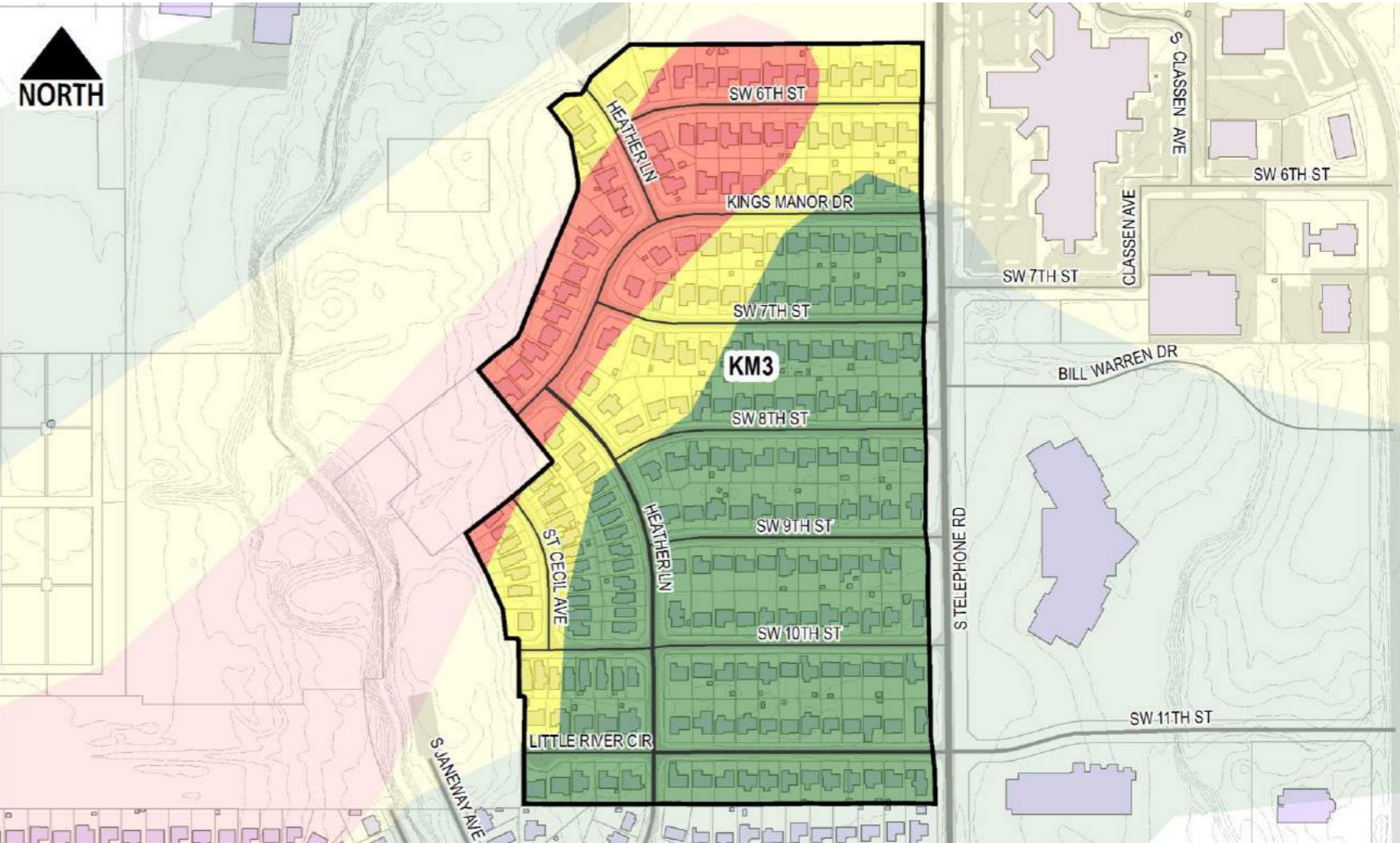
Damage Score 4.27

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	6969	0.77	1.00	0.77

Proximity Score 0.77

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	1	0.05	0.05	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	53	0.05	2.65	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	10	0.05	0.50
SR5 - Longitudinal Cracking	5	0.05	0.25	SR14 - Drive Damage	109	0.05	5.45
SR6 - Transverse Cracking	117	0.05	5.85	SR15 - Evidence of Ponding	2	0.05	0.10
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	58	0.05	2.90
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	78	0.05	3.90
SR9 - Potholes	0	0.05	0.00				

Condition Score 21.65



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM3: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
TRAFFIC CIRCLE/CALMING PER PUBLIC COMMENT AT PUBLIC MTG 10/13/14.	1.00	5.00	5.00	
TRAFFIC CALMING, CIRCLE, SPEED HUMPS PER PUBLIC COMMENT AT 10/13/14 MEETING	1.00	5.00	5.00	
			Opportunity Score	15.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **98.64**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	171			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	147	0.86	5.00	4.30
Length of Local (ft)	24	0.14	1.00	0.14
Material				
Length of Asphalt (ft)	21	0.12	10.00	1.23
Length of Concrete (ft)	150	0.88	5.00	4.39
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1	0.01	10.00	0.06
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	171	1.00	1.00	1.00
Background Score				11.11

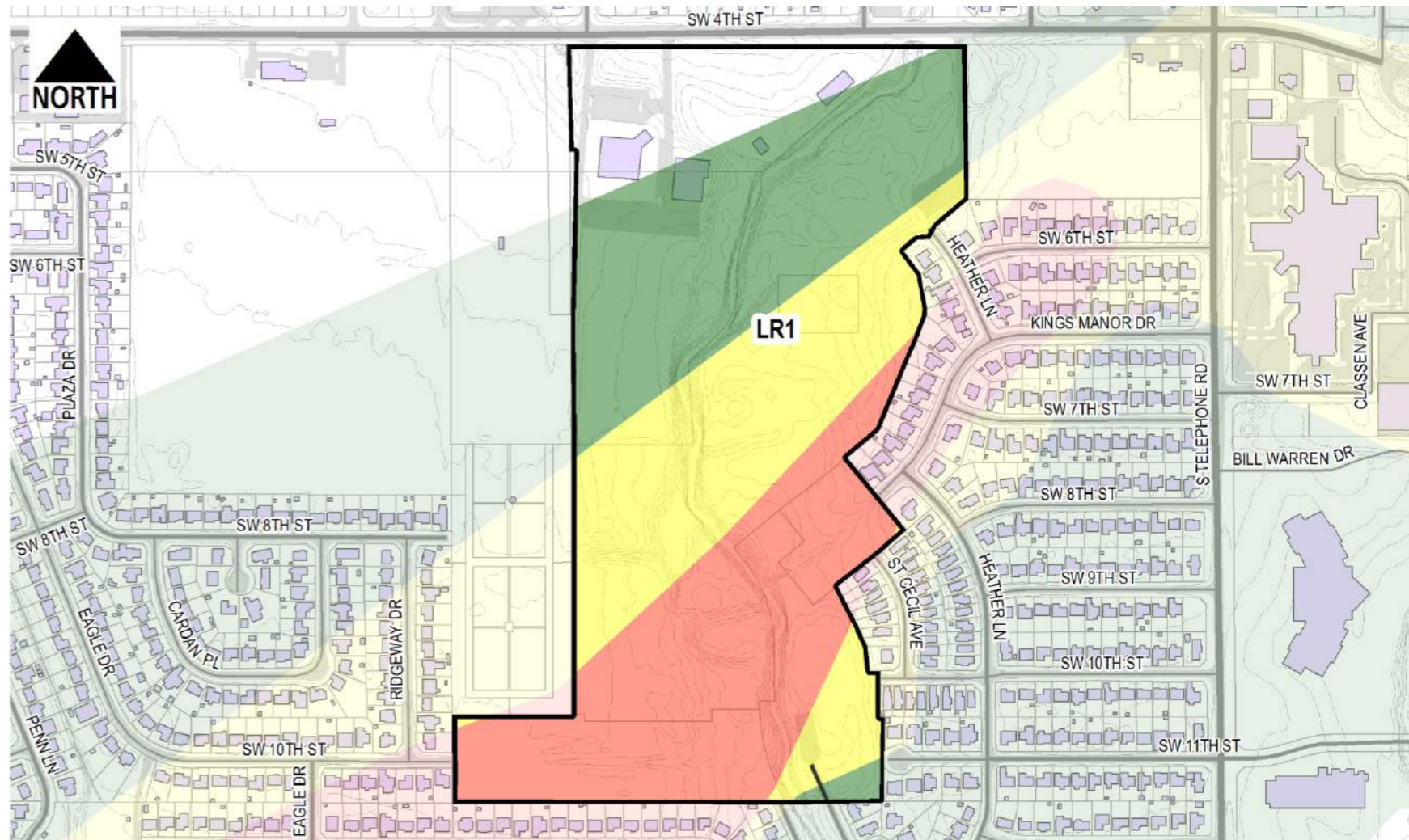
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3	0.02	10.00	0.18
Length within EF2 to EF4 Damage Area prior to disaster (ft)	98	0.57	5.00	2.87
Length within EF0 to EF2 Damage Area prior to disaster (ft)	71	0.42	2.00	0.83
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
Damage Score				3.87

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	21	0.12	1.00	0.12
Proximity Score				0.12

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	0	0.05	0.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	0	0.05	0.00	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	0	0.05	0.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	4	0.05	0.20
SR9 - Potholes	0	0.05	0.00	Condition Score			0.20



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA LR1: EXTENSION OF S. JANEWAY TO SW 10TH	1.00	5.00	5.00	
LR1: NEW PARKING AREA AT CECIL AVENUE AND KINS MANOR DRIVE CONNECTION	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.31**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH1
 Infrastructure Category: Streets
 Exhibit Group: E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	1122			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	1122	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	1122	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1122	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				16.00

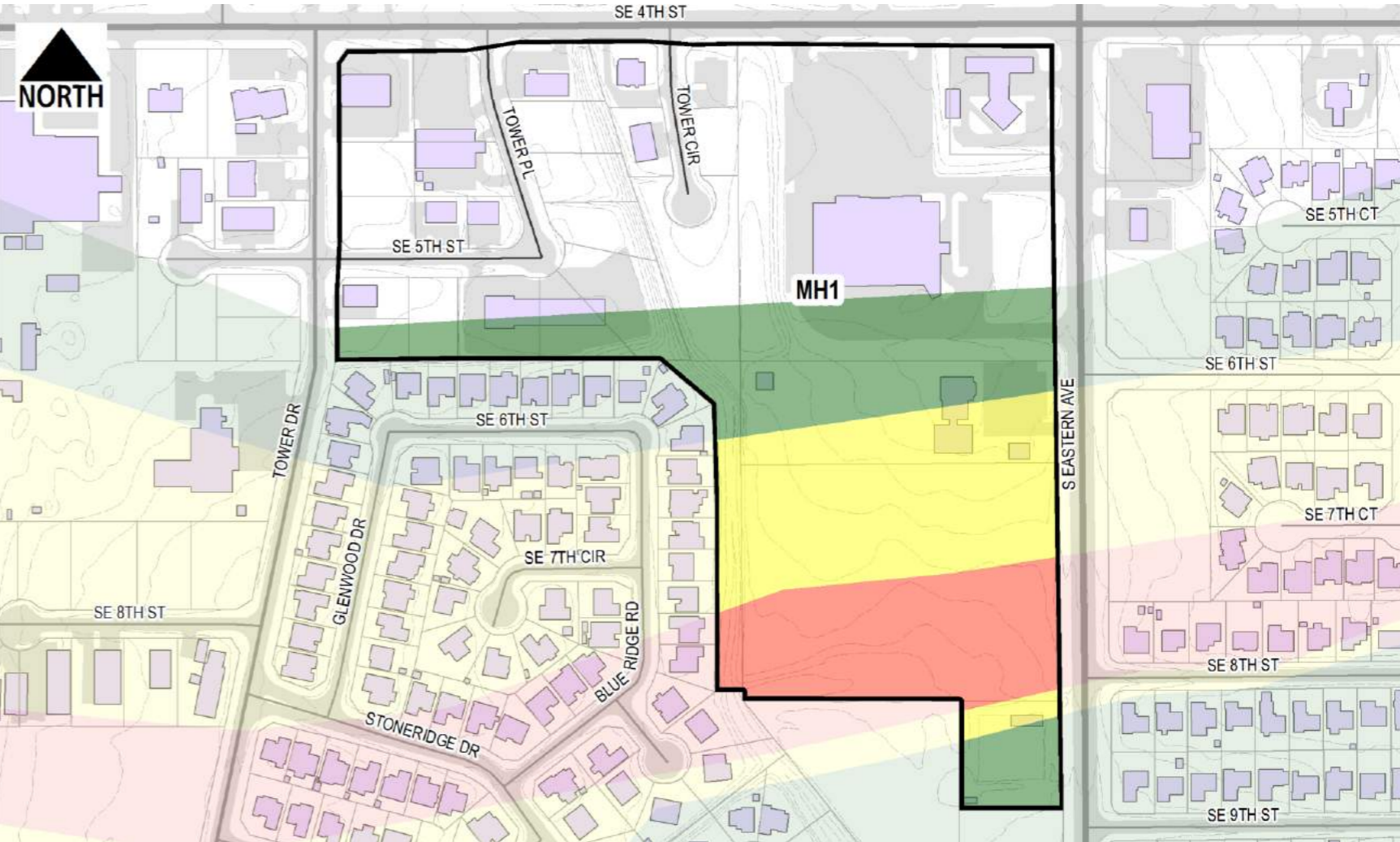
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	1122	1.00	0.00	0.00
Damage Score				0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	822	0.73	2.00	1.47
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
Proximity Score				1.47

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	16	0.05	0.80	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	10	0.05	0.50
SR6 - Transverse Cracking	2	0.05	0.10	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	2	0.05	0.10
SR9 - Potholes	0	0.05	0.00	Condition Score		1.60	



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **25.07**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH2
 Infrastructure Category: Streets
 Exhibit Group: E.1

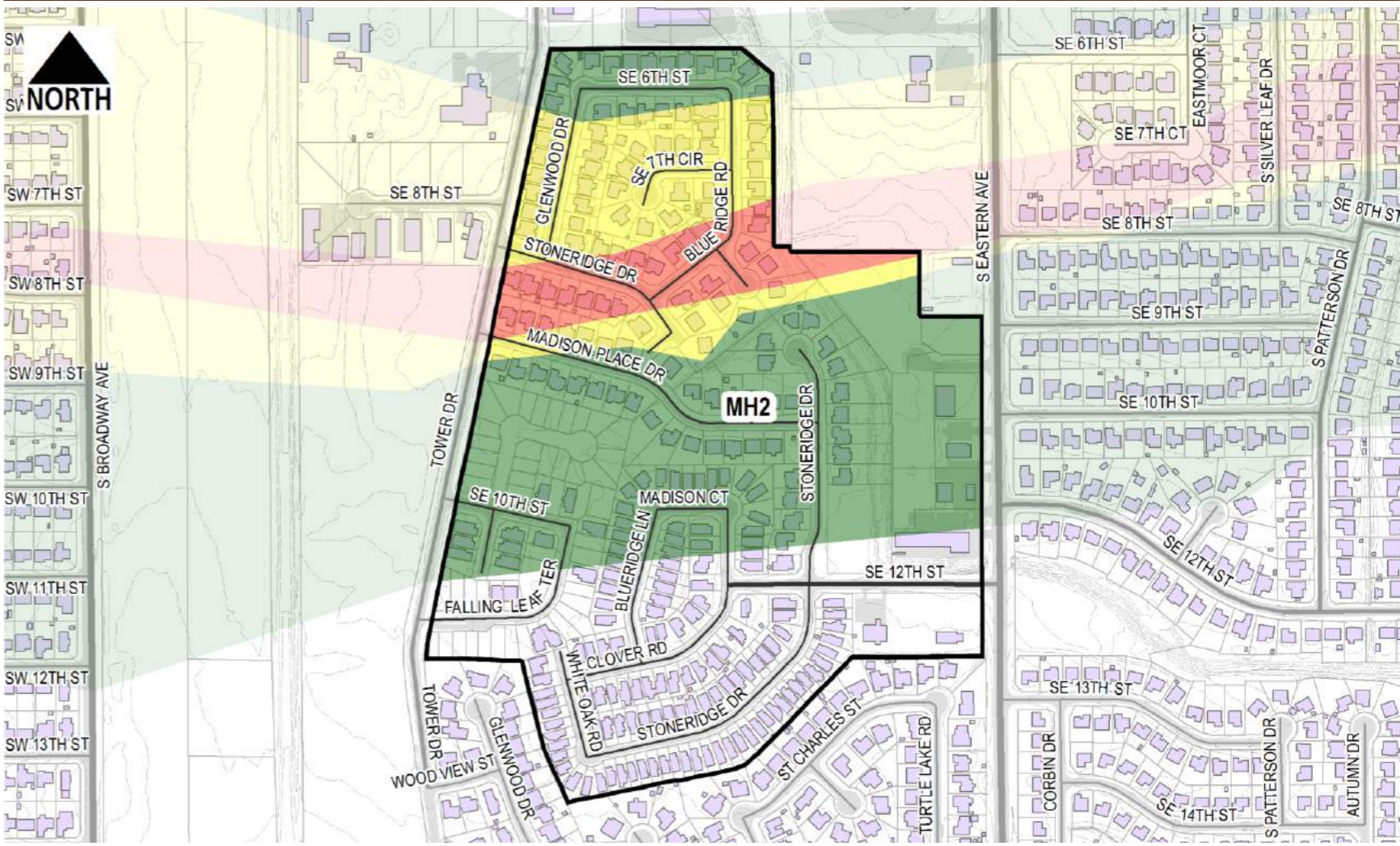
Assessment Data	
Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	10124			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	826	0.08	5.00	0.41
Length of Local (ft)	9298	0.92	1.00	0.92
Material				
Length of Asphalt (ft)	3845	0.38	10.00	3.80
Length of Concrete (ft)	6279	0.62	5.00	3.10
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	6227	0.62	10.00	6.15
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	3896	0.38	4.00	1.54
less than 10-years	0	0.00	2.00	0.00
Unknown	1	0.00	1.00	0.00
Background Score				15.92

Damage Score				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	999	0.10	10.00	0.99
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1702	0.17	5.00	0.84
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3472	0.34	2.00	0.69
Length Outside Damage Area prior to Disaster (ft)	3951	0.39	0.00	0.00
Damage Score				2.51

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	5474	0.54	2.00	1.08
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
Proximity Score				1.08

Key Map



Condition Analysis							
Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	5	0.05	0.25
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	6	0.05	0.30
SR3 - Subgrade Failure	131	0.05	6.55	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	20	0.05	1.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	9	0.05	0.45	SR14 - Drive Damage	77	0.05	3.85
SR6 - Transverse Cracking	44	0.05	2.20	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	16	0.05	0.80
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	25	0.05	1.25
SR9 - Potholes	0	0.05	0.00	Condition Score		16.70	



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH2
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA MH2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **52.21**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	5457			
Functional Classification				
Length of Arterial(ft)	5253	0.96	10.00	9.63
Length of Collector (ft)	205	0.04	5.00	0.19
Length of Local (ft)	0	0.00	1.00	0.00
Material				
Length of Asphalt (ft)	159	0.03	10.00	0.29
Length of Concrete (ft)	5298	0.97	5.00	4.85
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	21	0.00	10.00	0.04
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5437	1.00	1.00	1.00
Background Score				15.99

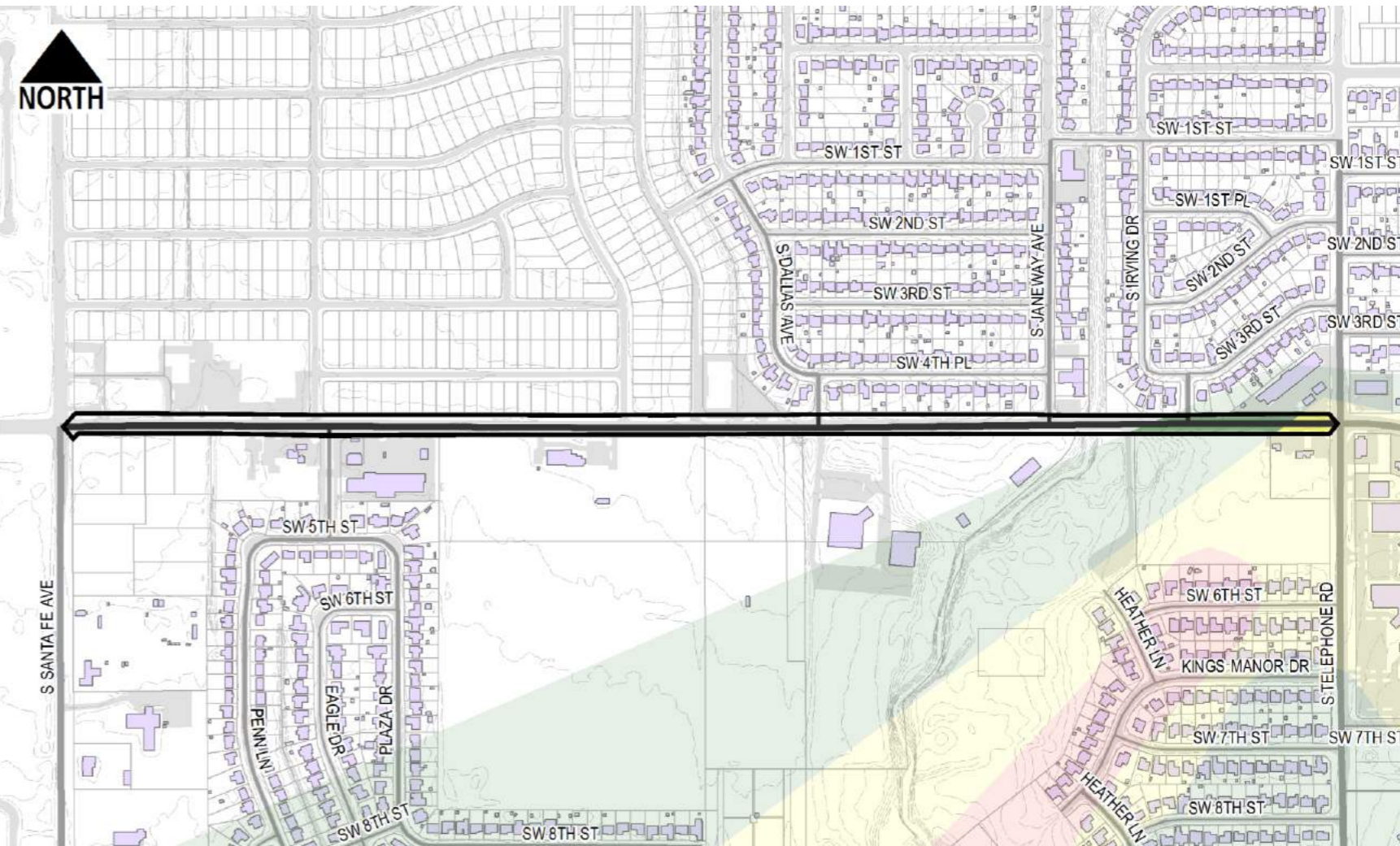
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	213	0.04	5.00	0.20
Length within EF0 to EF2 Damage Area prior to disaster (ft)	621	0.11	2.00	0.23
Length Outside Damage Area prior to Disaster (ft)	4623	0.85	0.00	0.00
Damage Score				0.42

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	1316	0.24	1.00	0.24
Proximity Score				0.24

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	5	0.05	0.25
SR3 - Subgrade Failure	7	0.05	0.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	6	0.05	0.30	SR13 - Curb Damage	3	0.05	0.15
SR5 - Longitudinal Cracking	121	0.05	6.05	SR14 - Drive Damage	14	0.05	0.70
SR6 - Transverse Cracking	8	0.05	0.40	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	7	0.05	0.35
SR8 - Patching	7	0.05	0.35	SR17 - Recent repair work	40	0.05	2.00
SR9 - Potholes	0	0.05	0.00	Condition Score 10.90			



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4A
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4A: RECONSTRUCTION OF SE 4TH STREET	1.00	5.00	5.00	
INTERSECTION IMPROVEMENTS AT WILSON AND SW4TH, PEDESTRIAN SAFETY	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **63.56**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	3152			
Functional Classification				
Length of Arterial(ft)	2989	0.95	10.00	9.48
Length of Collector (ft)	42	0.01	5.00	0.07
Length of Local (ft)	121	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	3085	0.98	10.00	9.79
Length of Concrete (ft)	67	0.02	5.00	0.11
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	66	0.02	10.00	0.21
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	3086	0.98	1.00	0.98

Background Score 20.67

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	3152	1.00	0.00	0.00

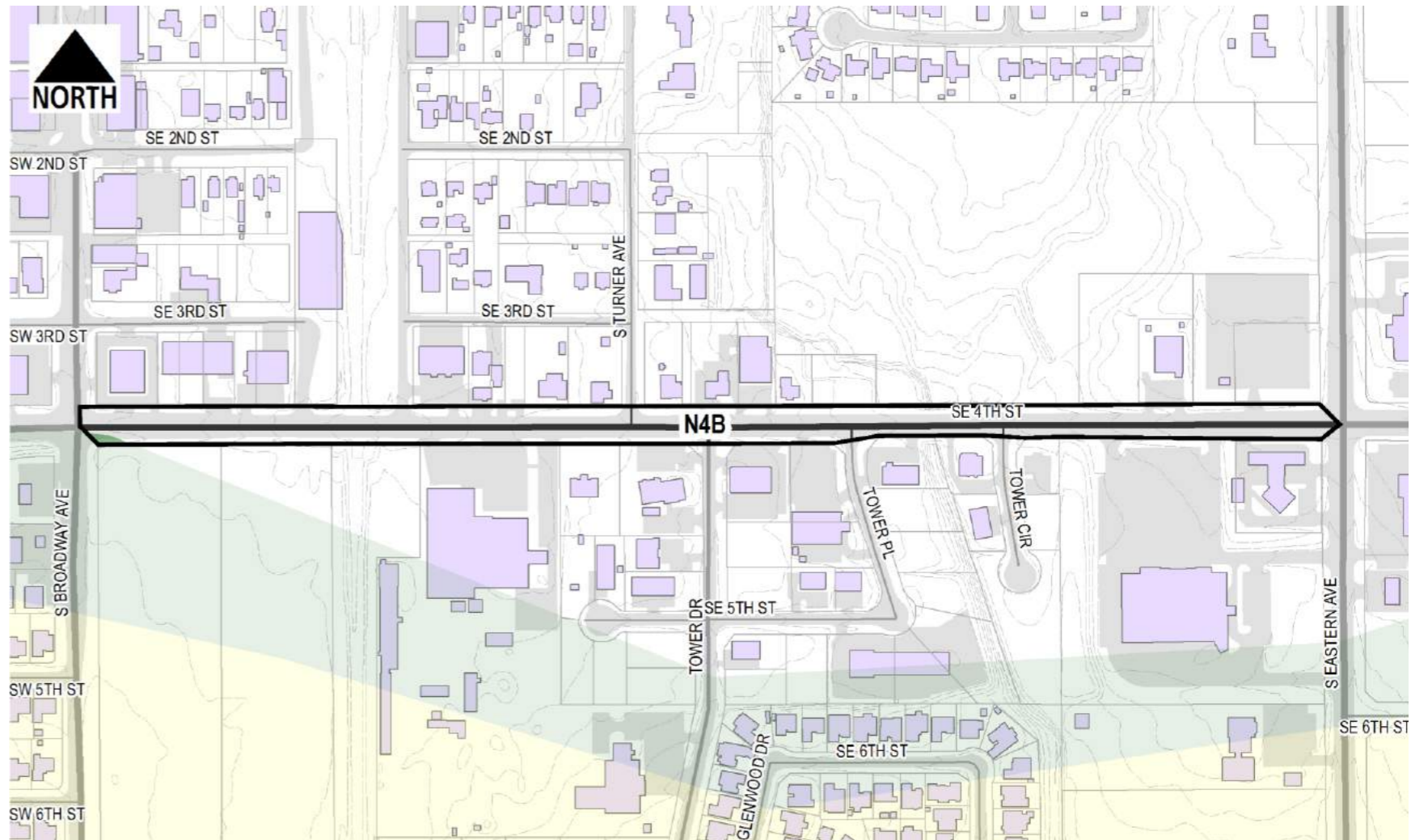
Damage Score 0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	2091	0.66	2.00	1.33
Length within 0.25-mi of Library (ft)	741	0.24	1.00	0.24
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 1.56

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	3	0.05	0.15	SR10 - Weathering / Raveling	5	0.05	0.25
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	12	0.05	0.60
SR3 - Subgrade Failure	28	0.05	1.40	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	17	0.05	0.85	SR13 - Curb Damage	7	0.05	0.35
SR5 - Longitudinal Cracking	11	0.05	0.55	SR14 - Drive Damage	12	0.05	0.60
SR6 - Transverse Cracking	16	0.05	0.80	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	4	0.05	0.20
SR8 - Patching	4	0.05	0.20	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	4	0.05	0.20				

Condition Score 6.15



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4B
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4B: RECONSTRUCTION OF SE 4TH STREET	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **69.38**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	5936			
Functional Classification				
Length of Arterial(ft)	5317	0.90	10.00	8.96
Length of Collector (ft)	139	0.02	5.00	0.12
Length of Local (ft)	481	0.08	1.00	0.08
Material				
Length of Asphalt (ft)	5259	0.89	10.00	8.86
Length of Concrete (ft)	677	0.11	5.00	0.57
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	232	0.04	10.00	0.39
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	17	0.00	4.00	0.01
less than 10-years	0	0.00	2.00	0.00
Unknown	5687	0.96	1.00	0.96

Background Score 19.95

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	610	0.10	5.00	0.51
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3519	0.59	2.00	1.19
Length Outside Damage Area prior to Disaster (ft)	1807	0.30	0.00	0.00

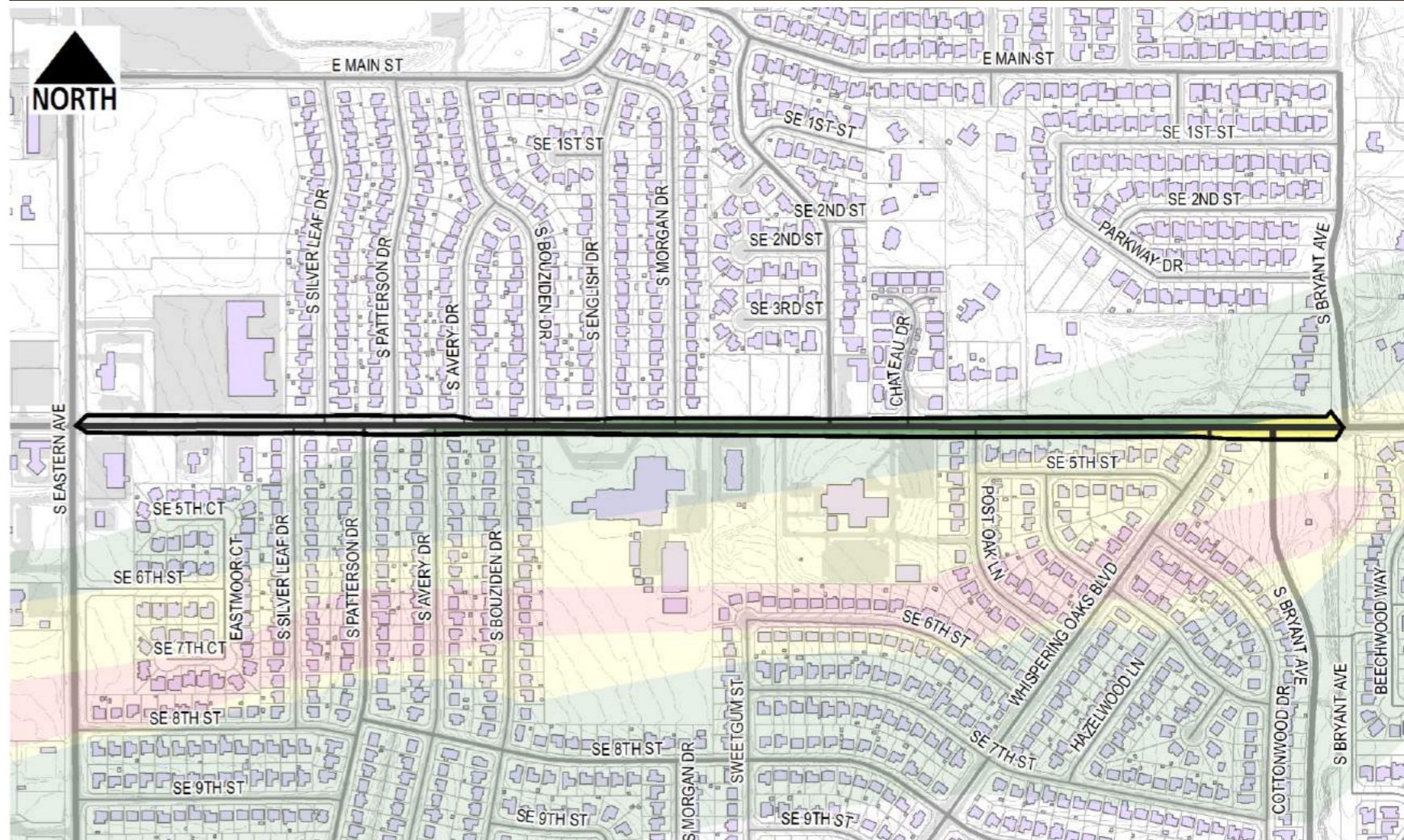
Damage Score 1.70

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	3897	0.66	5.00	3.28
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 3.28

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	4	0.05	0.20	SR10 - Weathering / Raveling	22	0.05	1.10
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	7	0.05	0.35
SR3 - Subgrade Failure	90	0.05	4.50	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	18	0.05	0.90	SR13 - Curb Damage	9	0.05	0.45
SR5 - Longitudinal Cracking	32	0.05	1.60	SR14 - Drive Damage	16	0.05	0.80
SR6 - Transverse Cracking	13	0.05	0.65	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	4	0.05	0.20
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	14	0.05	0.70
SR9 - Potholes	1	0.05	0.05				

Condition Score 11.55



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4C: RECONSTRUCTION OF SE 4TH STREET	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **77.48**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street

Assessment Sub-Area N4D

Infrastructure Category Streets

Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	5663			
Functional Classification				
Length of Arterial(ft)	5286	0.93	10.00	9.33
Length of Collector (ft)	293	0.05	5.00	0.26
Length of Local (ft)	84	0.01	1.00	0.01
Material				
Length of Asphalt (ft)	5663	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	43	0.01	4.00	0.03
less than 10-years	0	0.00	2.00	0.00
Unknown	5620	0.99	1.00	0.99

Background Score 20.63

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1970	0.35	5.00	1.74
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1752	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	1940	0.34	0.00	0.00

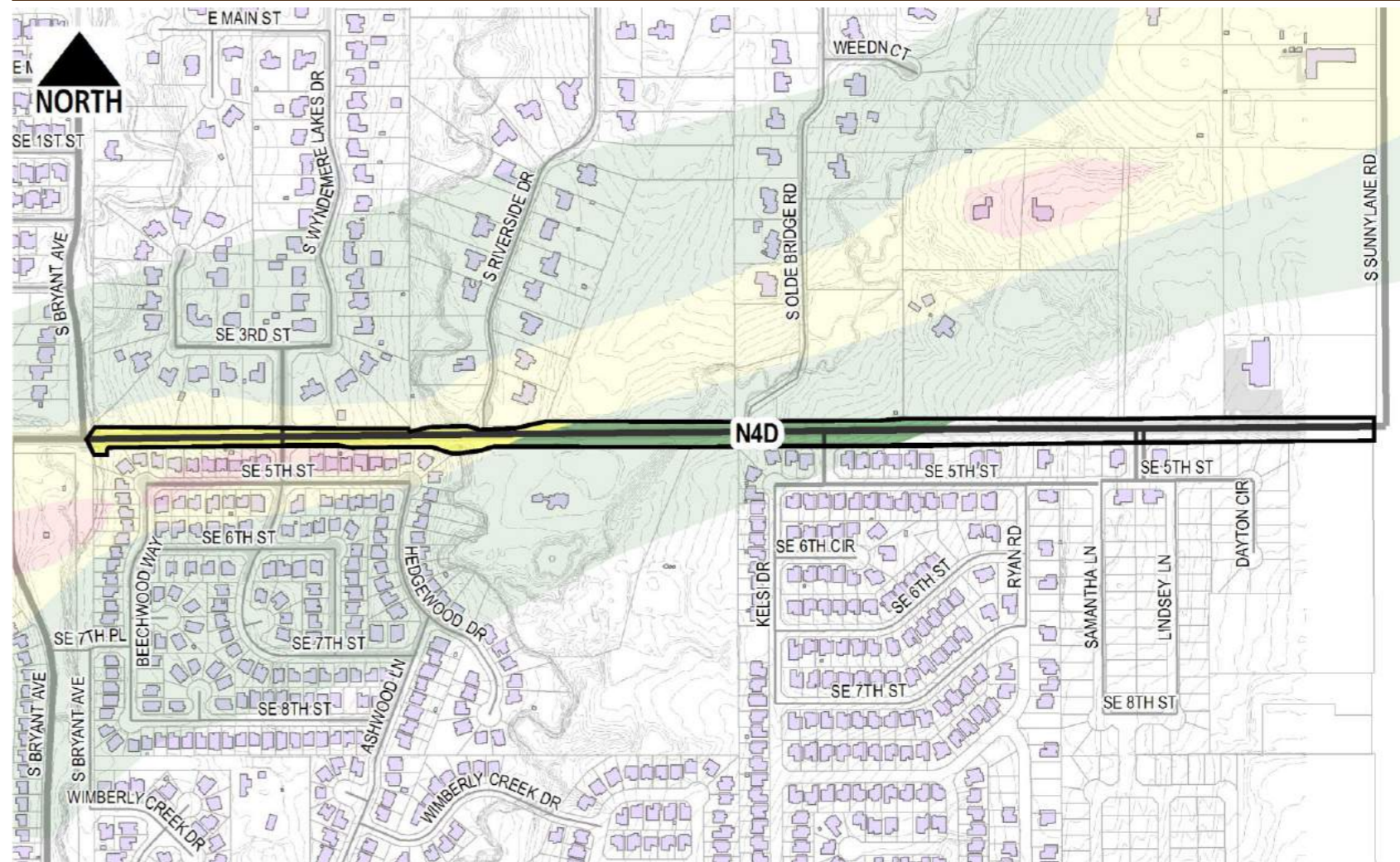
Damage Score 2.36

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregularity	1	0.05	0.05	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	87	0.05	4.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	3	0.05	0.15	SR14 - Drive Damage	3	0.05	0.15
SR6 - Transverse Cracking	159	0.05	7.95	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 12.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4D
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **56.74**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	8903			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	266	0.03	5.00	0.15
Length of Local (ft)	8637	0.97	1.00	0.97
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	8903	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	8903	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 16.12

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	5470	0.61	10.00	6.14
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2002	0.22	5.00	1.12
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1431	0.16	2.00	0.32
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00

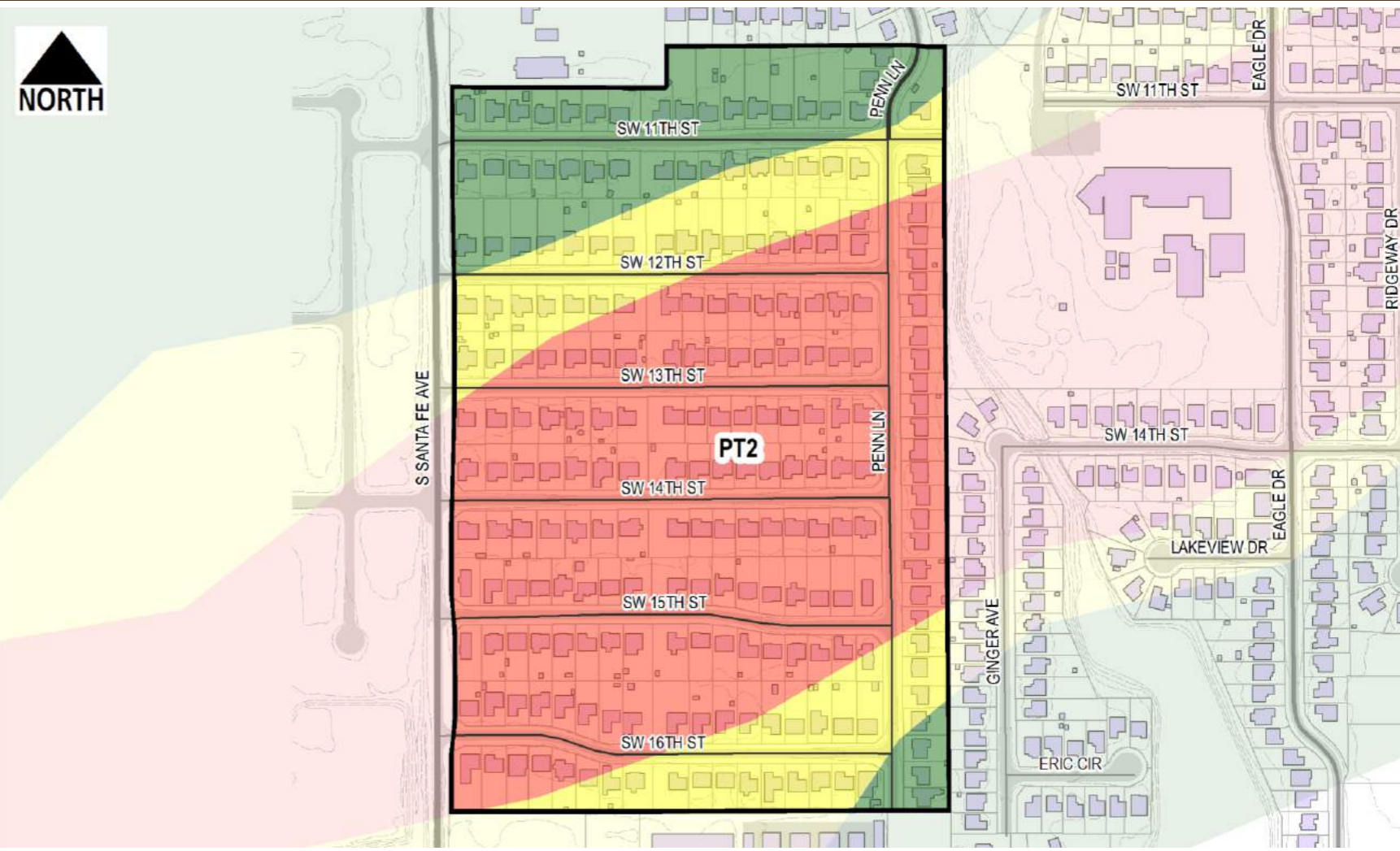
Damage Score 7.59

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	8479	0.95	10.00	9.52
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 9.52

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	17	0.05	0.85
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	62	0.05	3.10	SR12 - Scaling	2	0.05	0.10
SR4 - Spalling at Joint	1	0.05	0.05	SR13 - Curb Damage	37	0.05	1.85
SR5 - Longitudinal Cracking	30	0.05	1.50	SR14 - Drive Damage	24	0.05	1.20
SR6 - Transverse Cracking	36	0.05	1.80	SR15 - Evidence of Ponding	85	0.05	4.25
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	87	0.05	4.35
SR8 - Patching	5	0.05	0.25	SR17 - Recent repair work	95	0.05	4.75
SR9 - Potholes	3	0.05	0.15				

Condition Score 24.30



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
RECONSTRUCTION OF ALL PUBLIC ROADWAYS WITHIN SUB-AREA PT2	1.00	5.00	5.00	
SW 11TH STREET CONNECTION @ PLAZA TOWERS ELEMENTARY	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **108.53**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	7705			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	2646	0.34	5.00	1.72
Length of Local (ft)	5059	0.66	1.00	0.66
Material				
Length of Asphalt (ft)	1711	0.22	10.00	2.22
Length of Concrete (ft)	5995	0.78	5.00	3.89
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	4775	0.62	10.00	6.20
15 to 20-years	2921	0.38	5.00	1.90
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	10	0.00	1.00	0.00

Background Score 16.58

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3687	0.48	10.00	4.79
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1564	0.20	5.00	1.01
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1756	0.23	2.00	0.46
Length Outside Damage Area prior to Disaster (ft)	698	0.09	0.00	0.00

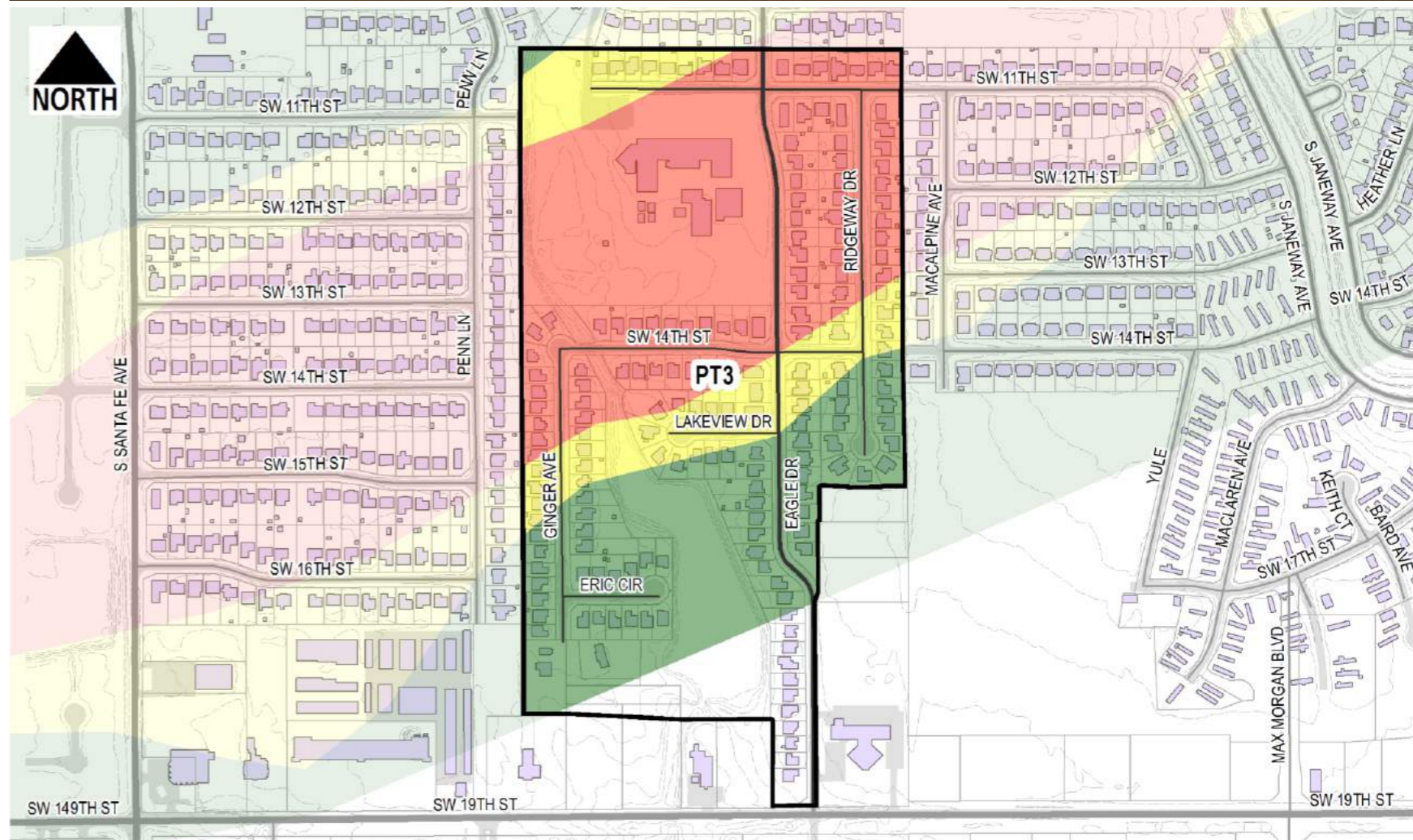
Damage Score 6.26

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	7299	0.95	10.00	9.47
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 9.47

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	10	0.05	0.50
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	127	0.05	6.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	8	0.05	0.40
SR5 - Longitudinal Cracking	9	0.05	0.45	SR14 - Drive Damage	14	0.05	0.70
SR6 - Transverse Cracking	40	0.05	2.00	SR15 - Evidence of Ponding	2	0.05	0.10
SR7 - Shoving	1	0.05	0.05	SR16 - Abandoned Drive / Sidewalk	57	0.05	2.85
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	64	0.05	3.20
SR9 - Potholes	0	0.05	0.00				

Condition Score 16.60



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT3: RECONSTRUCTION OF ALL PUBLIC ROADS	1.00	5.00	5.00	
PT3: RECONFIGURATION OF DEAD END ROADWAY AT GINGER AVENUE	1.00	5.00	5.00	
SW 11TH STREET CONNECTION @ PLAZA TOWERS ELEMENTARY	1.00	5.00	5.00	
STREET WIDENING AT PERIMETER OF PLAZA TOWERS ELEM, PICK-UP LANE, TRAFFIC CALM	1.00	5.00	5.00	
			Opportunity Score	20.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **109.91**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	5290			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	5290	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	5290	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	5290	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				16.00

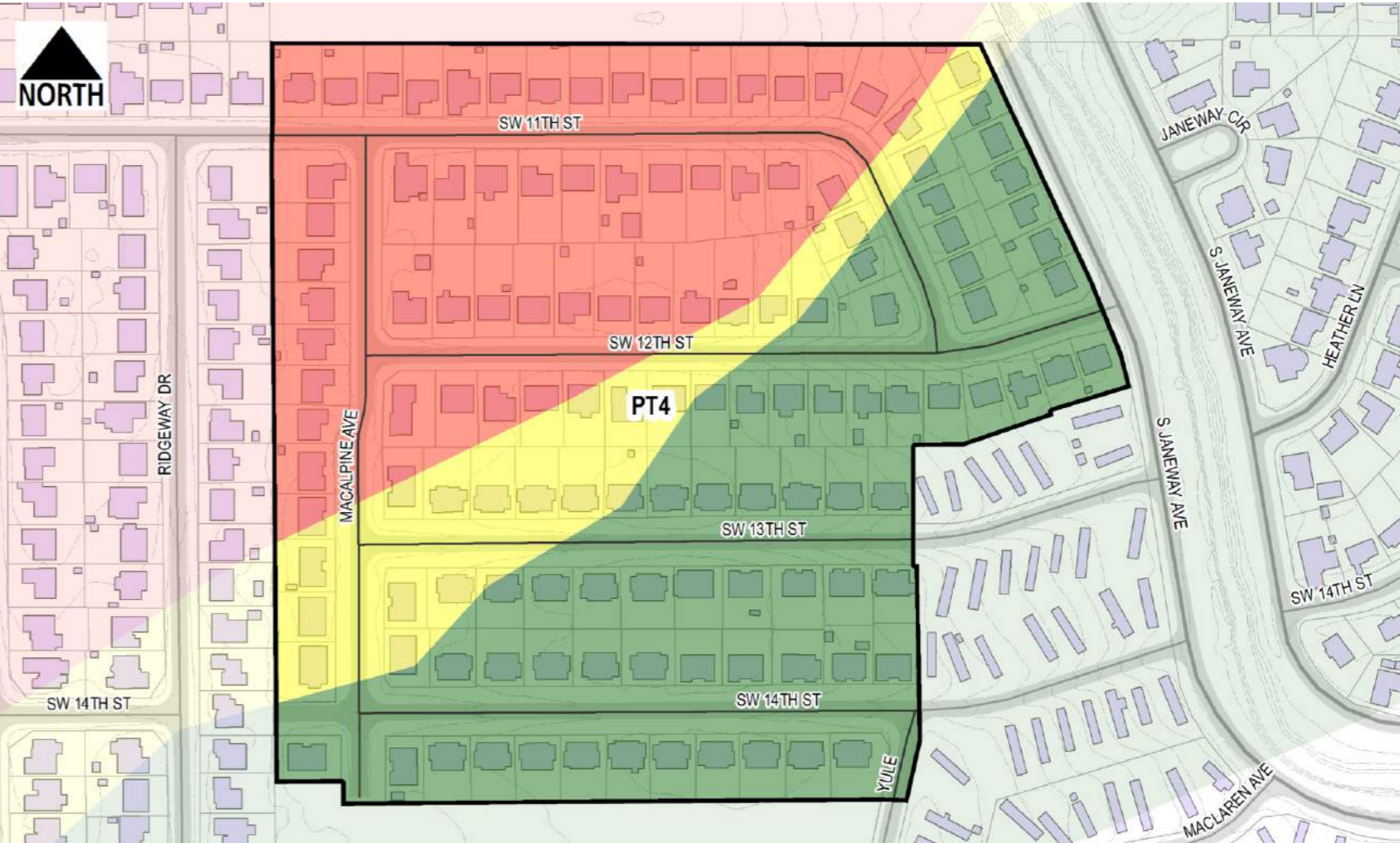
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1954	0.37	10.00	3.69
Length within EF2 to EF4 Damage Area prior to disaster (ft)	812	0.15	5.00	0.77
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2524	0.48	2.00	0.95
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
Damage Score				5.42

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	4068	0.77	10.00	7.69
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
Proximity Score				7.69

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	110	0.05	5.50	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	1	0.05	0.05	SR13 - Curb Damage	8	0.05	0.40
SR5 - Longitudinal Cracking	17	0.05	0.85	SR14 - Drive Damage	13	0.05	0.65
SR6 - Transverse Cracking	20	0.05	1.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	99	0.05	4.95
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	16	0.05	0.80
SR9 - Potholes	0	0.05	0.00	Condition Score		14.20	



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT4
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT4: RECONSTRUCTION OF ALL PUBLIC ROADWAYS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **74.31**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	13232			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	5810	0.44	5.00	2.20
Length of Local (ft)	7422	0.56	1.00	0.56
Material				
Length of Asphalt (ft)	1029	0.08	10.00	0.78
Length of Concrete (ft)	12203	0.92	5.00	4.61
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	13232	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 18.15

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	340	0.03	10.00	0.26
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1578	0.12	5.00	0.60
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7412	0.56	2.00	1.12
Length Outside Damage Area prior to Disaster (ft)	3903	0.29	0.00	0.00

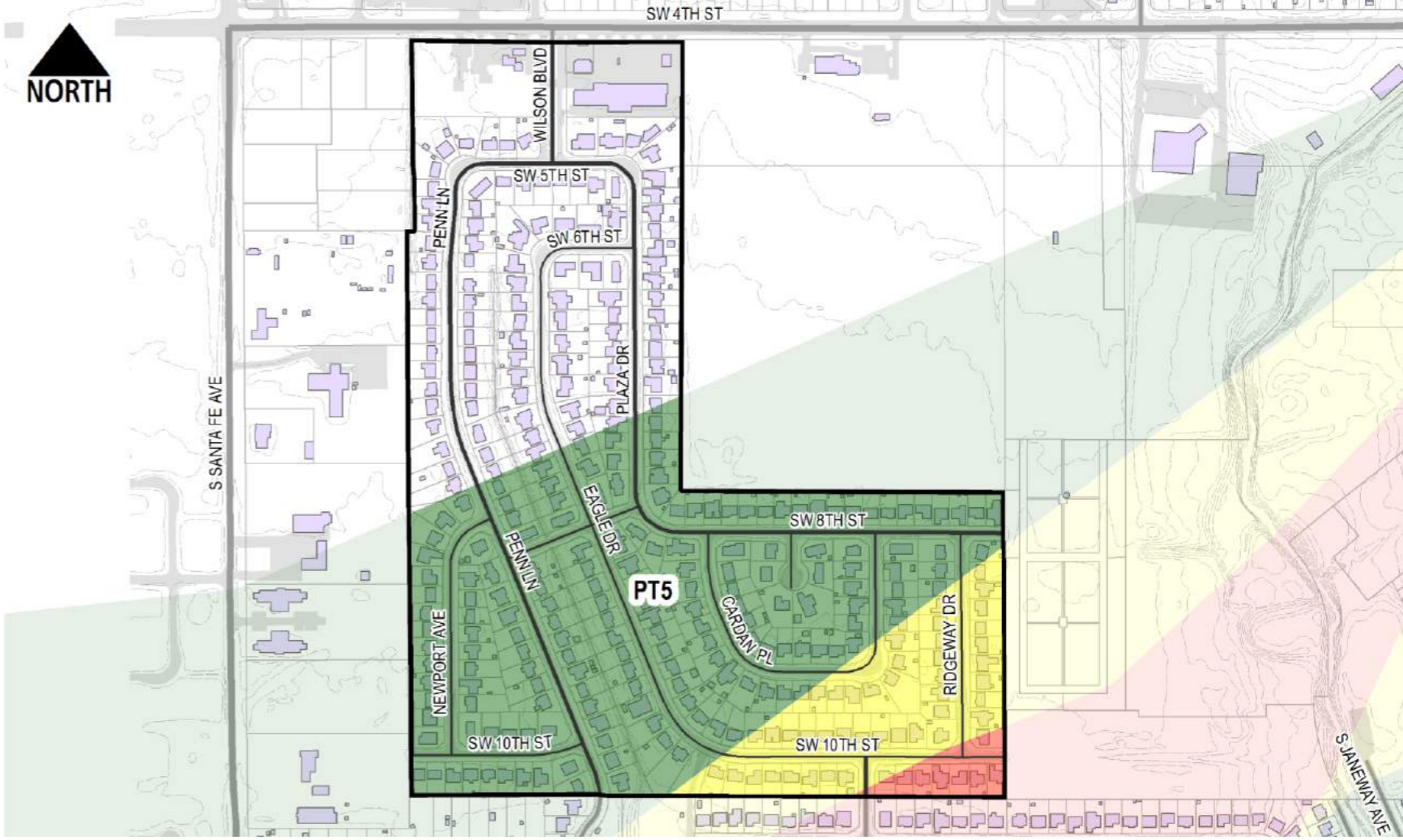
Damage Score 1.97

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	9578	0.72	10.00	7.24
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 7.24

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	1	0.05	0.05	SR10 - Weathering / Raveling	19	0.05	0.95
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	9	0.05	0.45
SR3 - Subgrade Failure	262	0.05	13.10	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	8	0.05	0.40	SR13 - Curb Damage	22	0.05	1.10
SR5 - Longitudinal Cracking	62	0.05	3.10	SR14 - Drive Damage	115	0.05	5.75
SR6 - Transverse Cracking	24	0.05	1.20	SR15 - Evidence of Ponding	33	0.05	1.65
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	24	0.05	1.20
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	150	0.05	7.50
SR9 - Potholes	0	0.05	0.00				

Condition Score 36.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT5
Infrastructure Category Streets
Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT5: RECONSTRUCTION OF ALL PUBLIC ROADWAYS	1.00	5.00	5.00	
TRAFFIC CALMING AT EAGLE DR/SW 10TH	1.00	5.00	5.00	
SUB-AREA LR1: EXTENSION OF S. JANEWAY TO SW 10TH	1.00	5.00	5.00	
INTERSECTION IMPROVEMENTS AT WILSON AND SW4TH, PEDESTRIAN SAFETY	1.00	5.00	5.00	
			Opportunity Score	20.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **109.86**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	2793			
Functional Classification				
Length of Arterial(ft)	2632	0.94	10.00	9.42
Length of Collector (ft)	46	0.02	5.00	0.08
Length of Local (ft)	115	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	2678	0.96	10.00	9.59
Length of Concrete (ft)	115	0.04	5.00	0.21
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	26	0.01	5.00	0.05
10 to 15-years	56	0.02	4.00	0.08
less than 10-years	0	0.00	2.00	0.00
Unknown	2710	0.97	1.00	0.97
Background Score				20.44

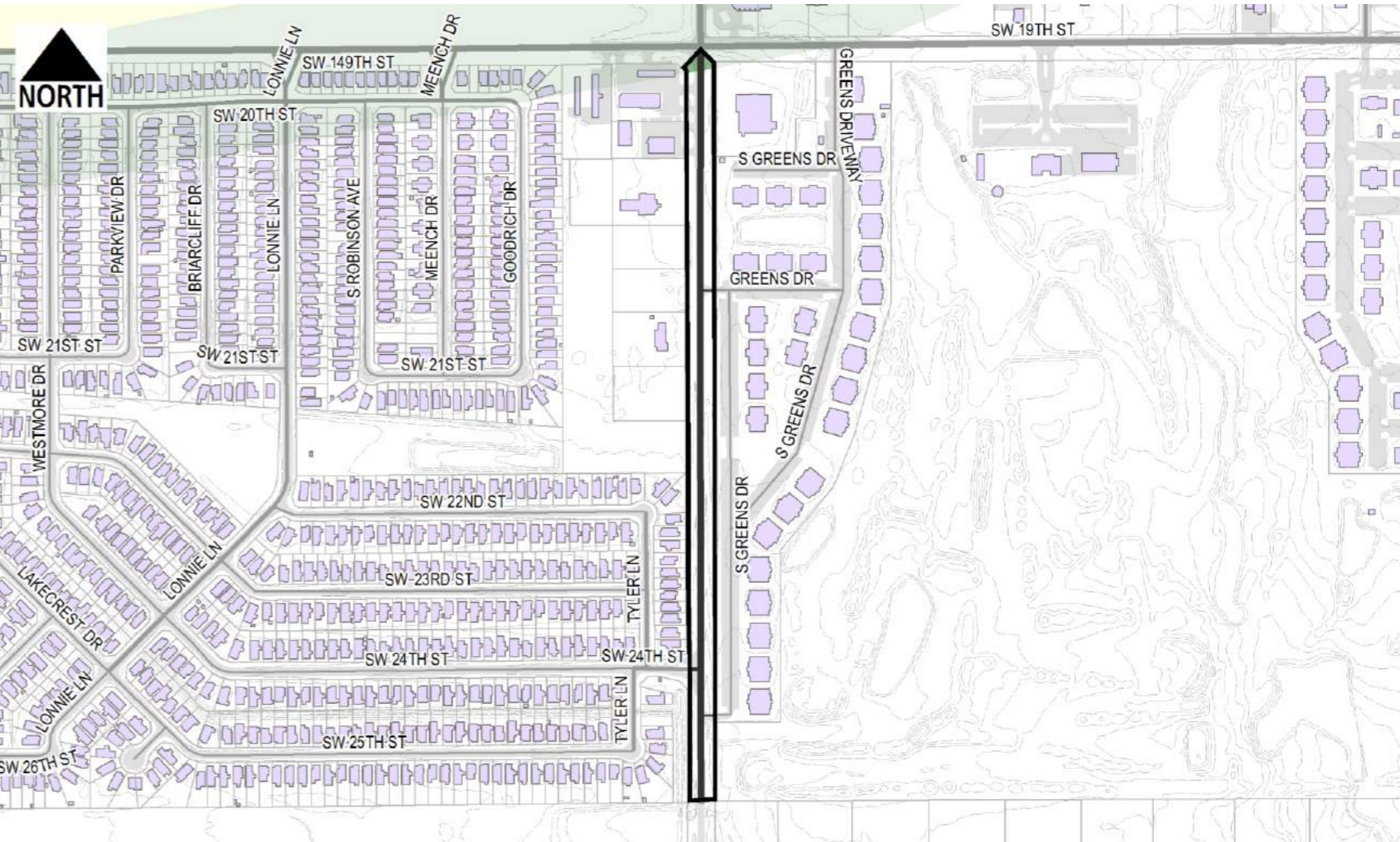
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	85	0.03	2.00	0.06
Length Outside Damage Area prior to Disaster (ft)	2708	0.97	0.00	0.00
Damage Score				0.06

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	1421	0.51	5.00	2.54
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
Proximity Score				2.54

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	27	0.05	1.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	0	0.05	0.00	SR14 - Drive Damage	2	0.05	0.10
SR6 - Transverse Cracking	29	0.05	1.45	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	2	0.05	0.10
SR9 - Potholes	0	0.05	0.00	Condition Score			3.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **32.04**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data	
Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	5516			
Functional Classification				
Length of Arterial(ft)	5293	0.96	10.00	9.60
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	224	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	5293	0.96	10.00	9.60
Length of Concrete (ft)	224	0.04	5.00	0.20
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	130	0.02	10.00	0.24
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5387	0.98	1.00	0.98

Background Score 20.65

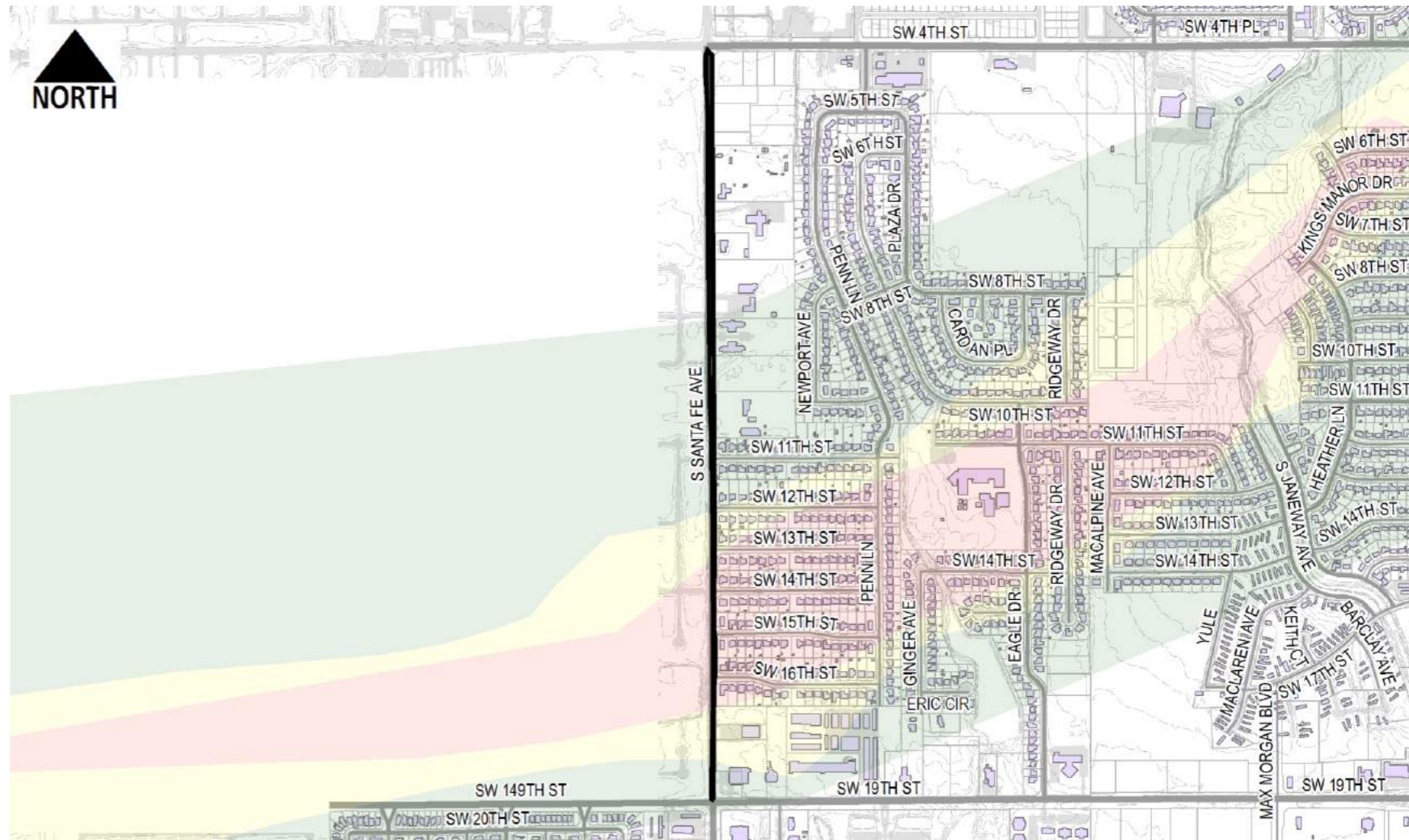
Damage Score				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1139	0.21	10.00	2.06
Length within EF2 to EF4 Damage Area prior to disaster (ft)	750	0.14	5.00	0.68
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1702	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	1925	0.35	0.00	0.00

Damage Score 3.36

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1148	0.21	10.00	2.08
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 2.08

Key Map



Condition Analysis							
Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	0	0.05	0.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	1	0.05	0.05	SR13 - Curb Damage	6	0.05	0.30
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	5	0.05	0.25	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	13	0.05	0.65
SR9 - Potholes	1	0.05	0.05				

Condition Score 1.35



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **33.44**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	11173			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	11173	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	11173	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	11173	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 21.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	333	0.03	10.00	0.30
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3310	0.30	5.00	1.48
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3685	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	3845	0.34	0.00	0.00

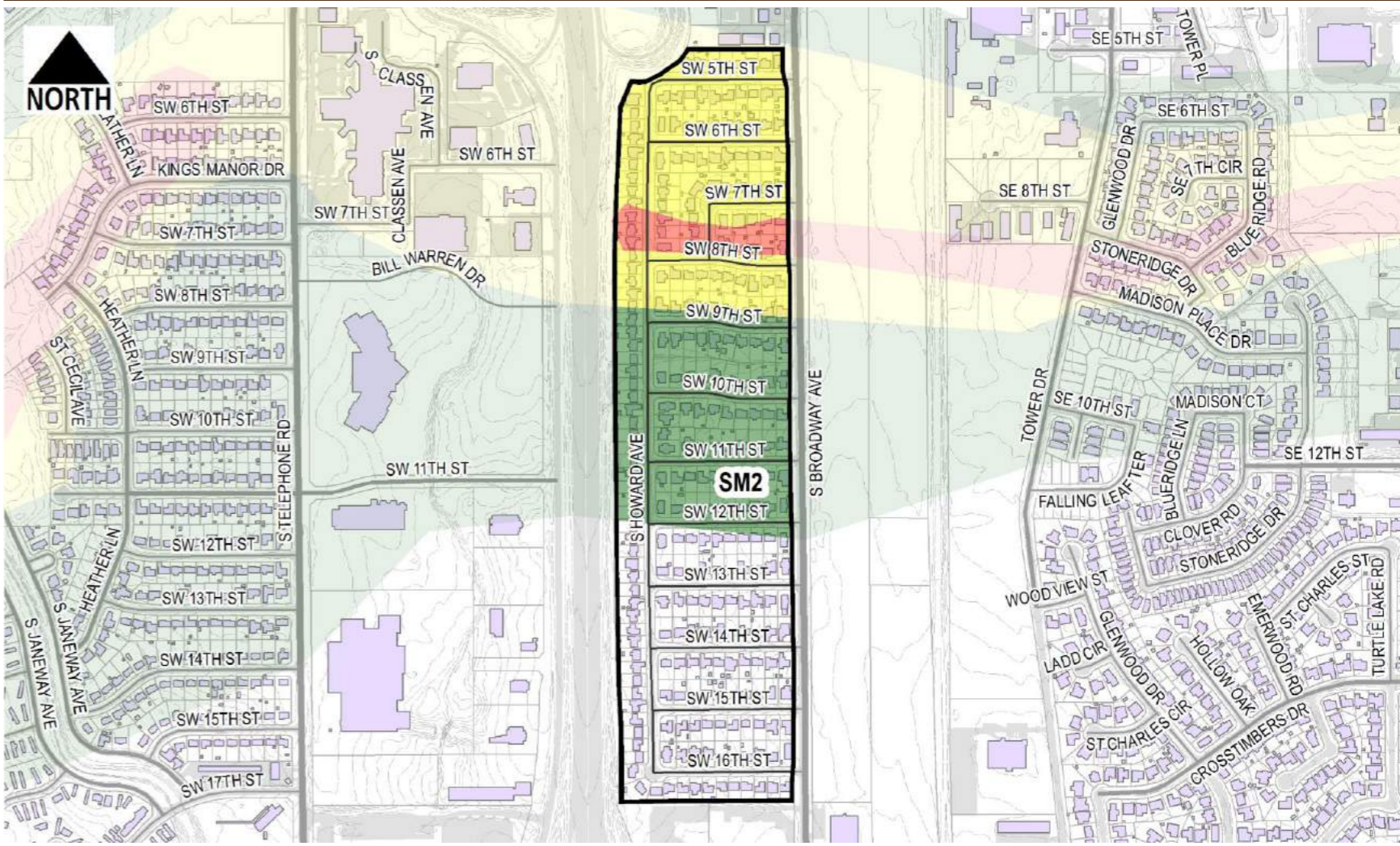
Damage Score 2.44

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	11173	1.00	2.00	2.00
Length within 0.25-mi of Library (ft)	887	0.08	1.00	0.08
Length within 0.25-mi of Medical Facility (ft)	2268	0.20	1.00	0.20

Proximity Score 2.28

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	1	0.05	0.05
SR3 - Subgrade Failure	191	0.05	9.55	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	4	0.05	0.20
SR5 - Longitudinal Cracking	0	0.05	0.00	SR14 - Drive Damage	145	0.05	7.25
SR6 - Transverse Cracking	44	0.05	2.20	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	23	0.05	1.15
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	151	0.05	7.55
SR9 - Potholes	0	0.05	0.00				

Condition Score 28.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA SM2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **79.72**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Streets
 Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	746			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	746	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	746	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	746	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 16.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	478	0.64	5.00	3.20
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	268	0.36	0.00	0.00

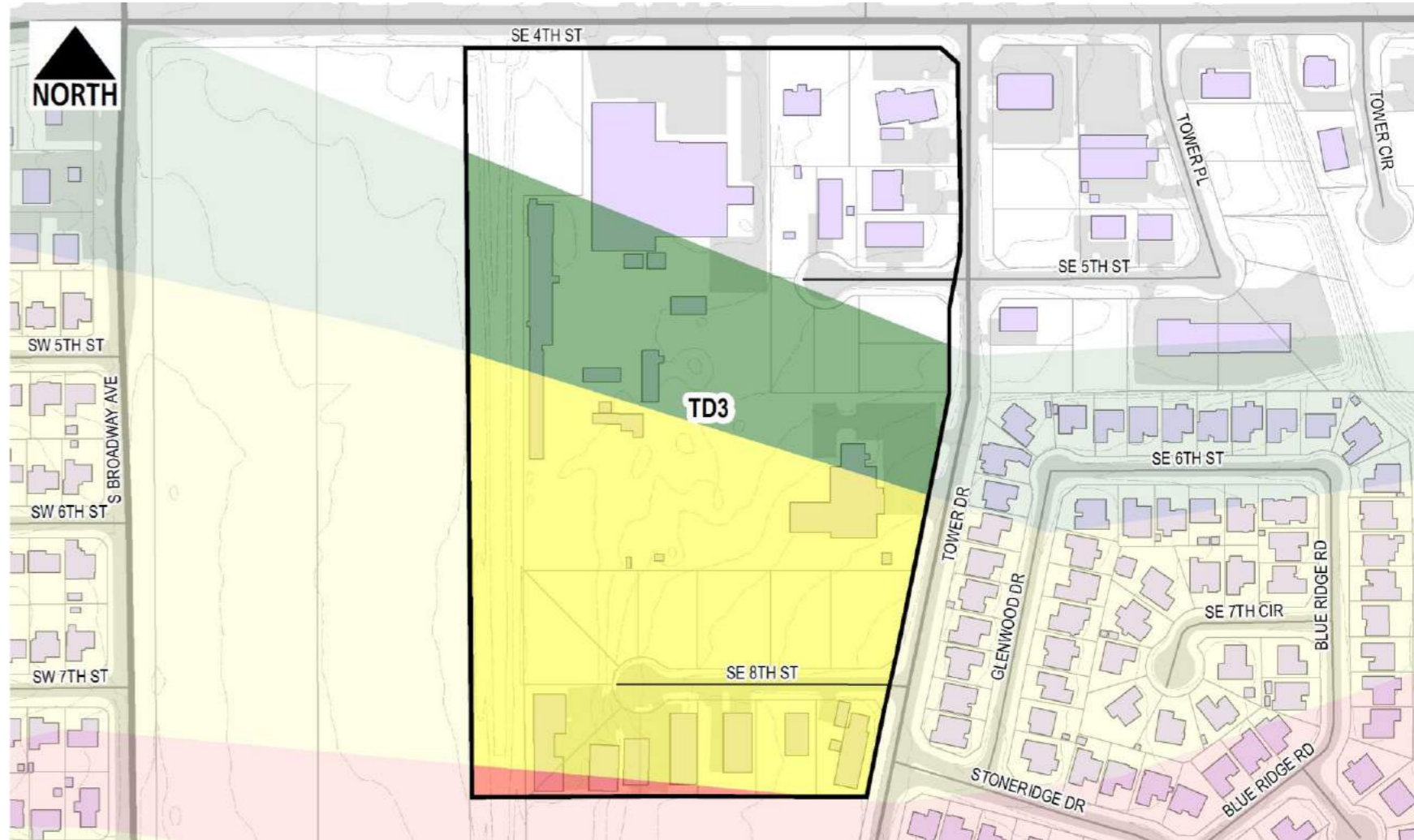
Damage Score 3.20

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	746	1.00	2.00	2.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 2.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	20	0.05	1.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	2	0.05	0.10	SR14 - Drive Damage	6	0.05	0.30
SR6 - Transverse Cracking	2	0.05	0.10	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 1.55



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **28.75**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Telephone Road

Assessment Sub-Area TP1

Infrastructure Category Streets

Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	6018			
Functional Classification				
Length of Arterial(ft)	5334	0.89	10.00	8.86
Length of Collector (ft)	90	0.01	5.00	0.07
Length of Local (ft)	594	0.10	1.00	0.10
Material				
Length of Asphalt (ft)	5762	0.96	10.00	9.57
Length of Concrete (ft)	256	0.04	5.00	0.21
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	278	0.05	10.00	0.46
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5740	0.95	1.00	0.95

Background Score 20.24

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1057	0.18	5.00	0.88
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2791	0.46	2.00	0.93
Length Outside Damage Area prior to Disaster (ft)	2170	0.36	0.00	0.00

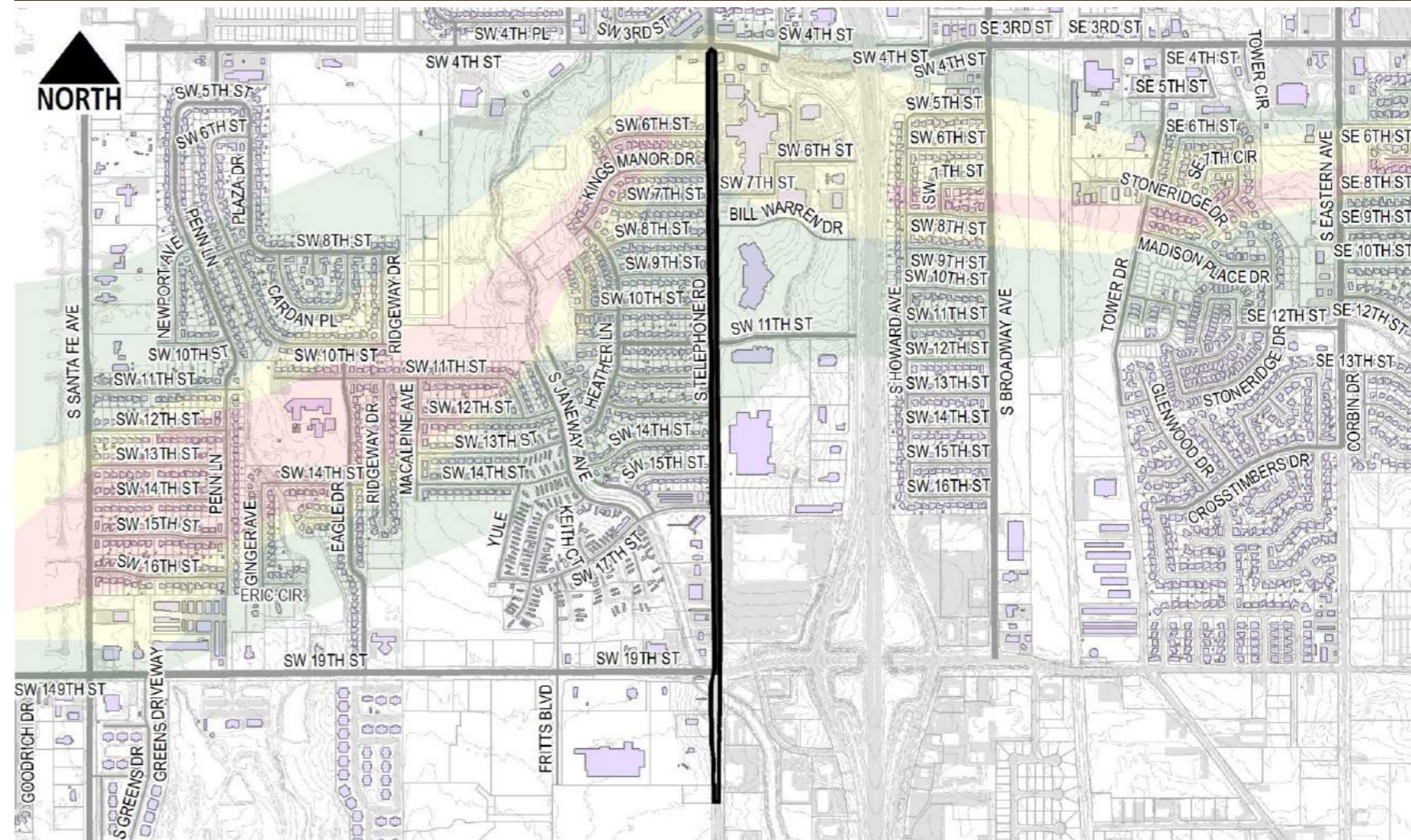
Damage Score 1.81

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	3008	0.50	1.00	0.50

Proximity Score 0.50

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	9	0.05	0.45
SR3 - Subgrade Failure	147	0.05	7.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	8	0.05	0.40	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	6	0.05	0.30	SR14 - Drive Damage	6	0.05	0.30
SR6 - Transverse Cracking	4	0.05	0.20	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	24	0.05	1.20
SR9 - Potholes	3	0.05	0.15				

Condition Score 10.40



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
TP1: MILL AND OVERLAY OF S. TELEPHONE ROAD	1.00	5.00	5.00	
WT1: MILL AND OVERLAY, SW 11TH STREET FROM SOUTH SERVICE ROAD TO TELEPHONE R	1.00	5.00	5.00	
WT1: EXTEND SW 6TH STREET FROM CLASSEN DRIVE TO TELEPHONE ROAD	1.00	5.00	5.00	
TP1: SIGNALIZATION AT SW 17TH STREET AND TELEPHONE ROAD	1.00	5.00	5.00	
			Opportunity Score	20.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **88.95**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive

Assessment Sub-Area TW1

Infrastructure Category Streets

Exhibit Group E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	3324			
Functional Classification				
Length of Arterial (ft)	0	0.00	10.00	0.00
Length of Collector (ft)	3051	0.92	5.00	4.59
Length of Local (ft)	273	0.08	1.00	0.08
Material				
Length of Asphalt (ft)	3165	0.95	10.00	9.52
Length of Concrete (ft)	159	0.05	5.00	0.24
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1456	0.44	10.00	4.38
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1868	0.56	1.00	0.56

Background Score 19.37

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	287	0.09	10.00	0.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	677	0.20	5.00	1.02
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1017	0.31	2.00	0.61
Length Outside Damage Area prior to Disaster (ft)	1343	0.40	0.00	0.00

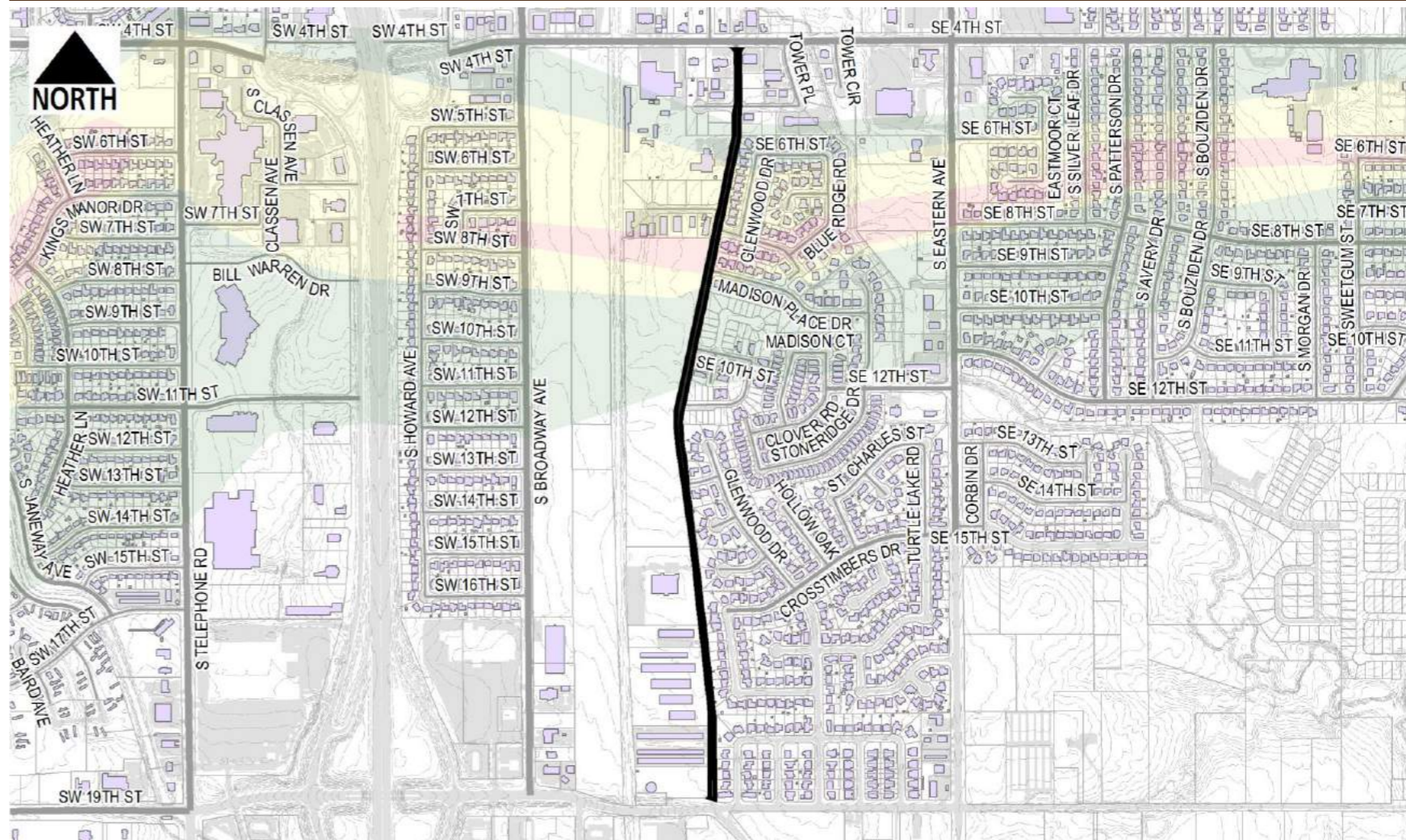
Damage Score 2.49

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	3324	1.00	2.00	2.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00

Proximity Score 2.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	5	0.05	0.25	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	42	0.05	2.10	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	2	0.05	0.10
SR6 - Transverse Cracking	154	0.05	7.70	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00				

Condition Score 10.20



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **40.07**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Streets
 Exhibit Group: E.1

Assessment Data

Description	Value
Assessment By	C. Codner
Date Range of Assessment	N/A

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	4470			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	1090	0.24	5.00	1.22
Length of Local (ft)	3380	0.76	1.00	0.76
Material				
Length of Asphalt (ft)	4470	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	2224	0.50	10.00	4.98
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	2246	0.50	2.00	1.00
Unknown	0	0.00	1.00	0.00

Background Score 17.96

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2254	0.50	5.00	2.52
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2216	0.50	2.00	0.99
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00

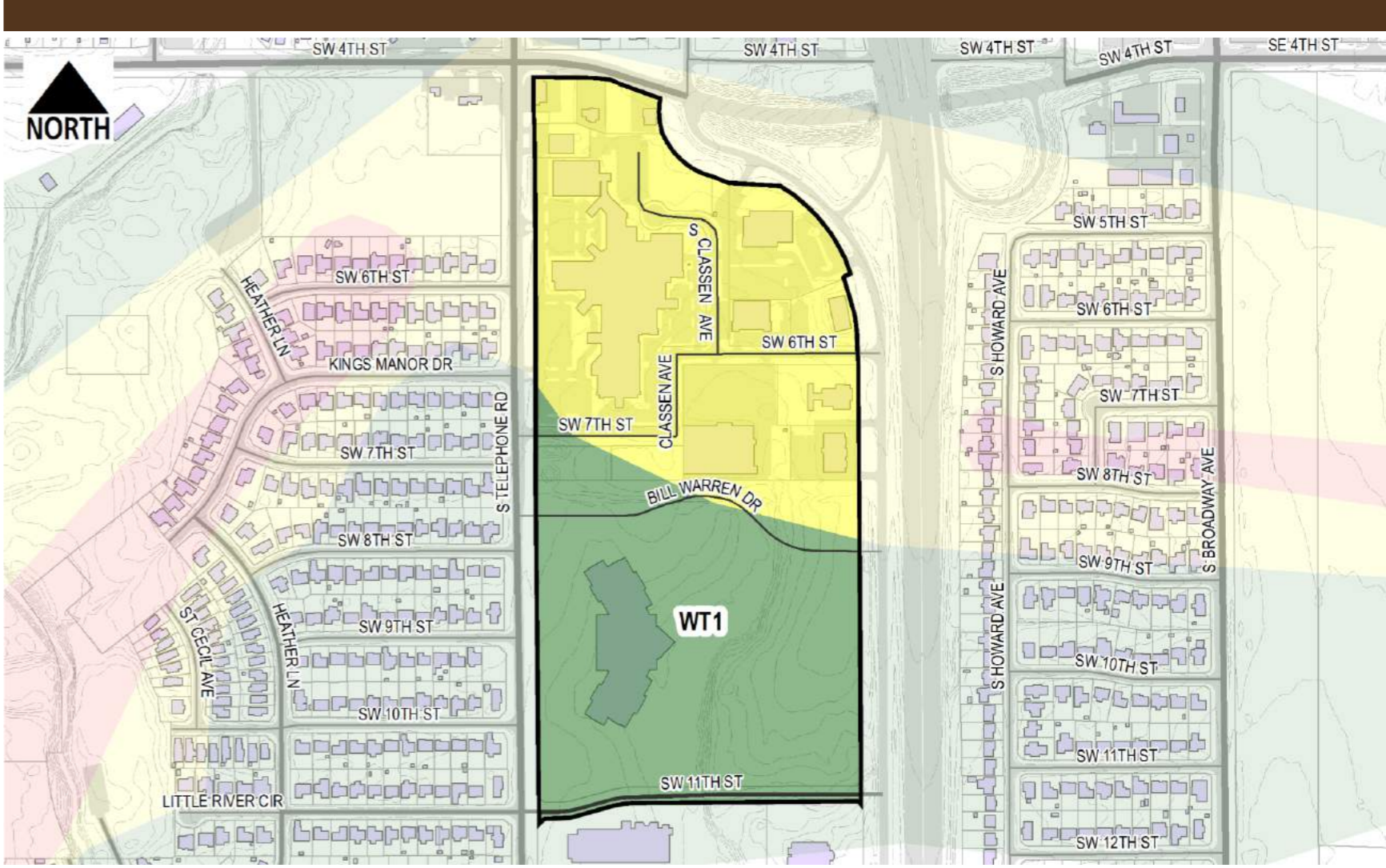
Damage Score 3.51

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	1495	0.33	2.00	0.67
Length within 0.25-mi of Library (ft)	370	0.08	1.00	0.08
Length within 0.25-mi of Medical Facility (ft)	4269	0.96	1.00	0.96

Proximity Score 1.71

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregularity	0	0.05	0.00	SR11 - Corner Break	1	0.05	0.05
SR3 - Subgrade Failure	18	0.05	0.90	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	2	0.05	0.10	SR14 - Drive Damage	9	0.05	0.45
SR6 - Transverse Cracking	60	0.05	3.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	6	0.05	0.30
SR9 - Potholes	0	0.05	0.00				

Condition Score 4.90



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Streets
 Exhibit Group E.1

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
WT1: MILL AND OVERLAY, SW 11TH STREET FROM SOUTH SERVICE ROAD TO TELEPHONE R	1.00	5.00	5.00	
WT1: EXTEND SW 6TH STREET FROM CLASSEN DRIVE TO TELEPHONE ROAD	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **59.08**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	4424			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	3331	0.75	2.00	1.51
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				6.51

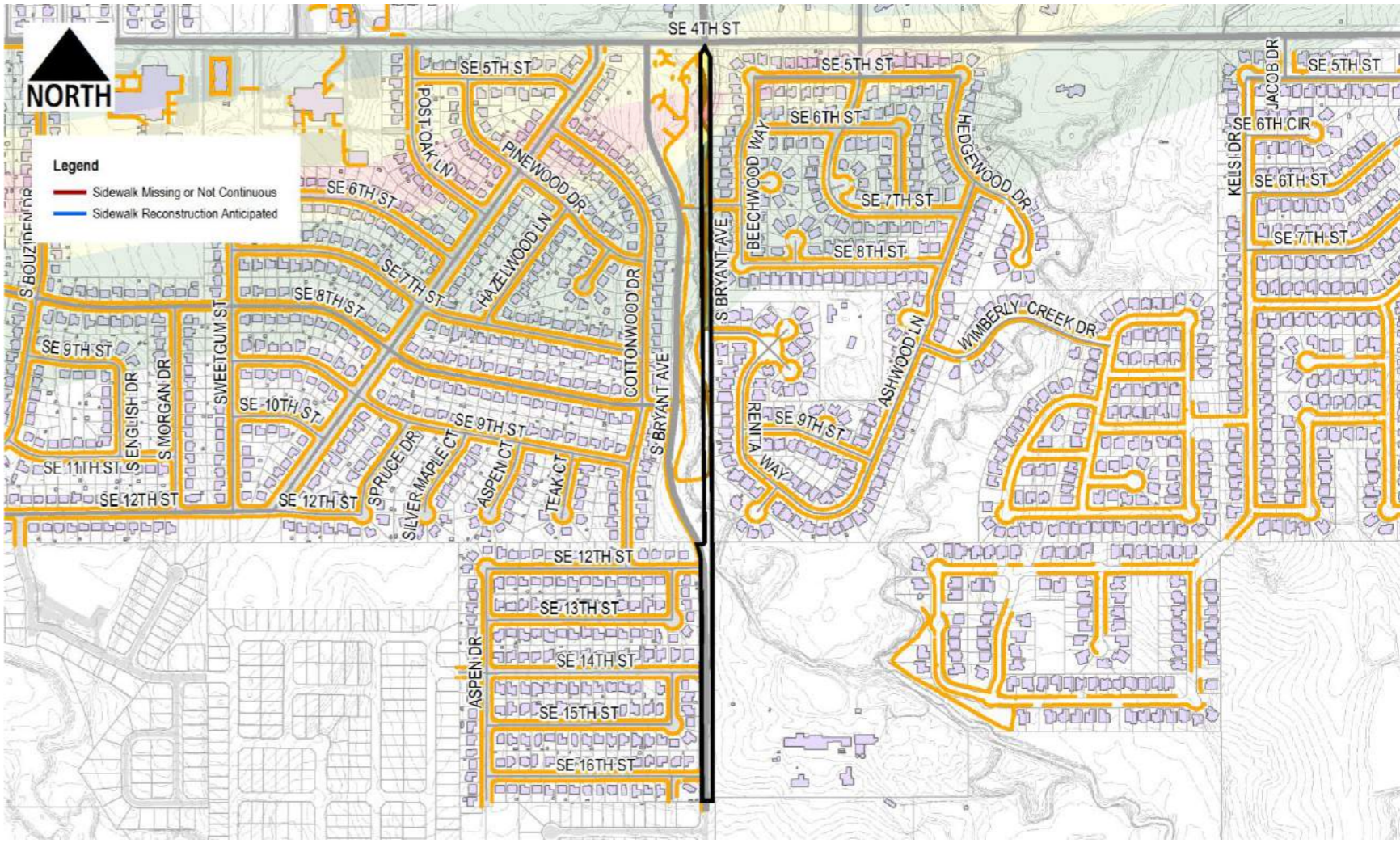
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	2140	0.48	5.00	2.42
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	4329	0.98	3.00	2.94
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				5.35

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	191	0.06	10.00	0.57
Length within EF2 to EF4 Damage Area prior to disaster (ft)	198	0.06	5.00	0.30
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1076	0.32	2.00	0.65
Length Outside Damage Area prior to Disaster (ft)	1866	0.56	1.00	0.56
Damage Score				2.08

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	1	0.25	0.25	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	2	0.25	0.50	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	4	0.25	1.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	2	0.25	0.50

Condition Score 2.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
Assessment Sub-Area BA1
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **21.44**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Bryant Avenue
Assessment Sub-Area BA2
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	3196			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	895	0.28	2.00	0.56
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3628	1.14	6.00	6.81
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3628	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				12.37

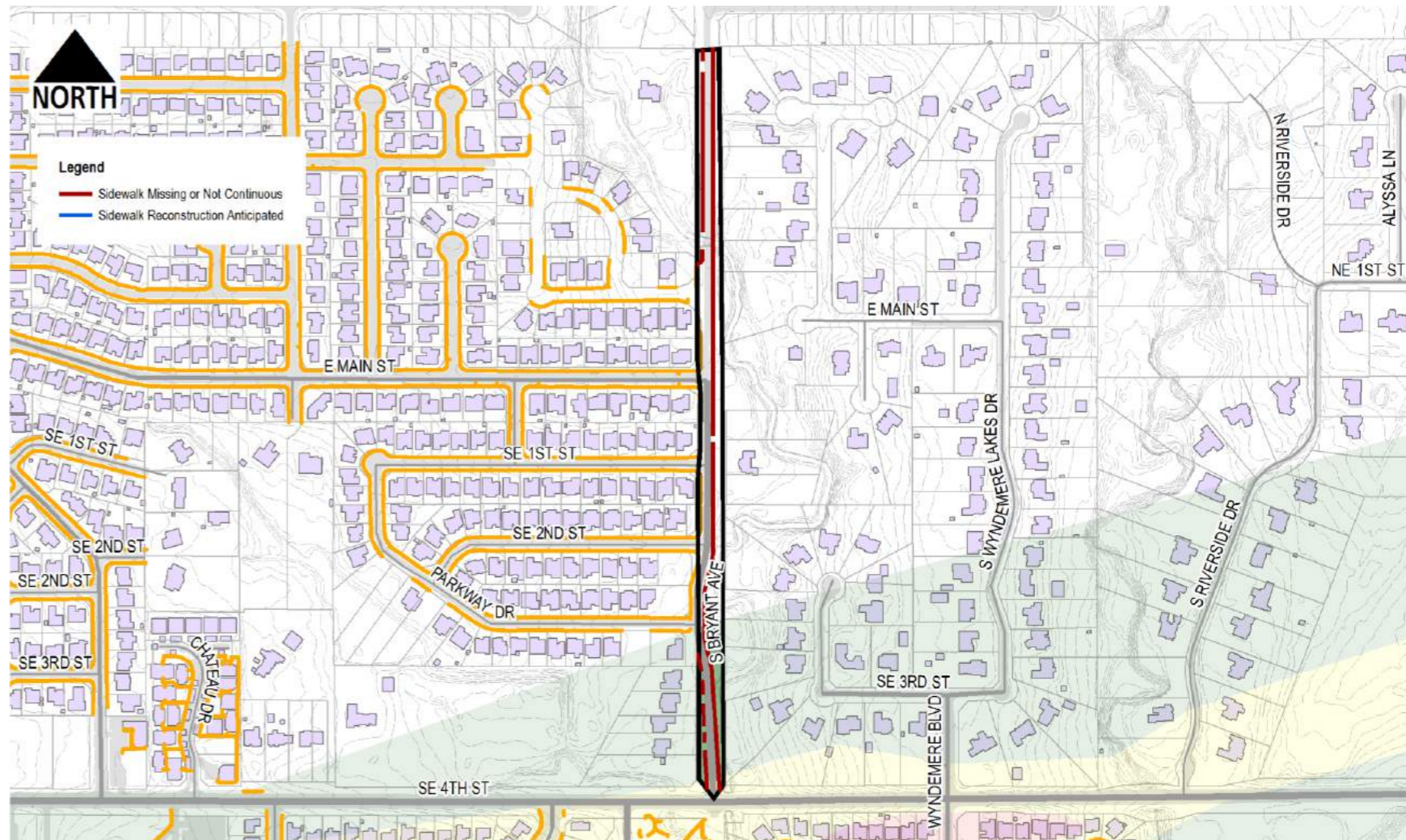
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	3196	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				3.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	895	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
Assessment Sub-Area BA2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **41.87**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: **Broadway Avenue**

Assessment Sub-Area: **BR1**

Infrastructure Category: **Sidewalks**

Exhibit Group: **E.2**

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11349			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	3208	0.28	2.00	0.57
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	55	0.00	6.00	0.03
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	55	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				5.59

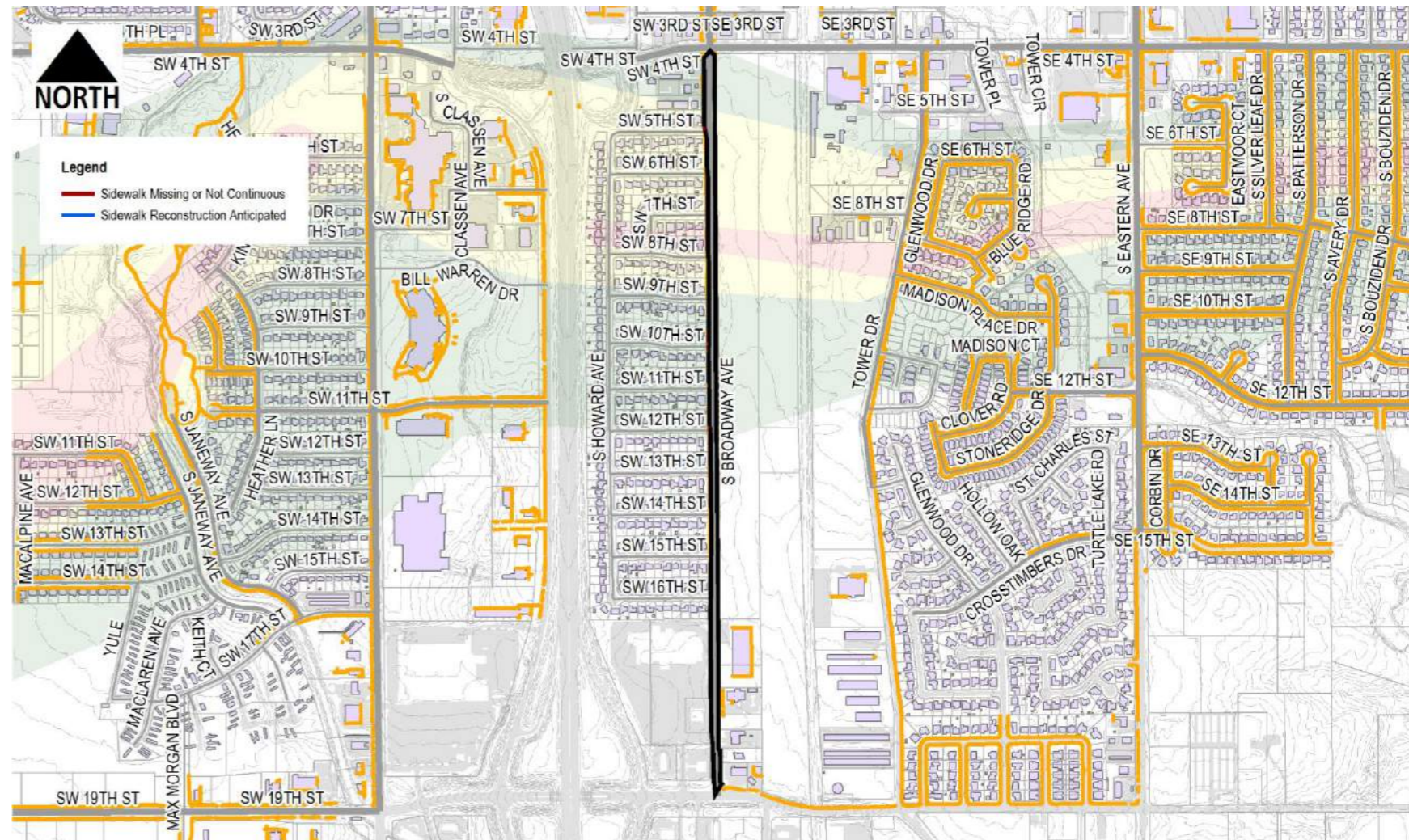
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	11349	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	1563	0.14	1.00	0.14
Proximity Score				1.14

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	173	0.05	10.00	0.54
Length within EF2 to EF4 Damage Area prior to disaster (ft)	952	0.30	5.00	1.48
Length within EF0 to EF2 Damage Area prior to disaster (ft)	983	0.31	2.00	0.61
Length Outside Damage Area prior to Disaster (ft)	1100	0.34	1.00	0.34
Damage Score				2.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	6	0.25	1.50	SW9 - cross slope > 2%	1	0.25	0.25
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	5	0.25	1.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	1	0.25	0.25
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Broadway Avenue
 Assessment Sub-Area BR1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **48.21**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	23489			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	22326	0.95	2.00	1.90
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	435	0.02	6.00	0.11
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	435	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.01

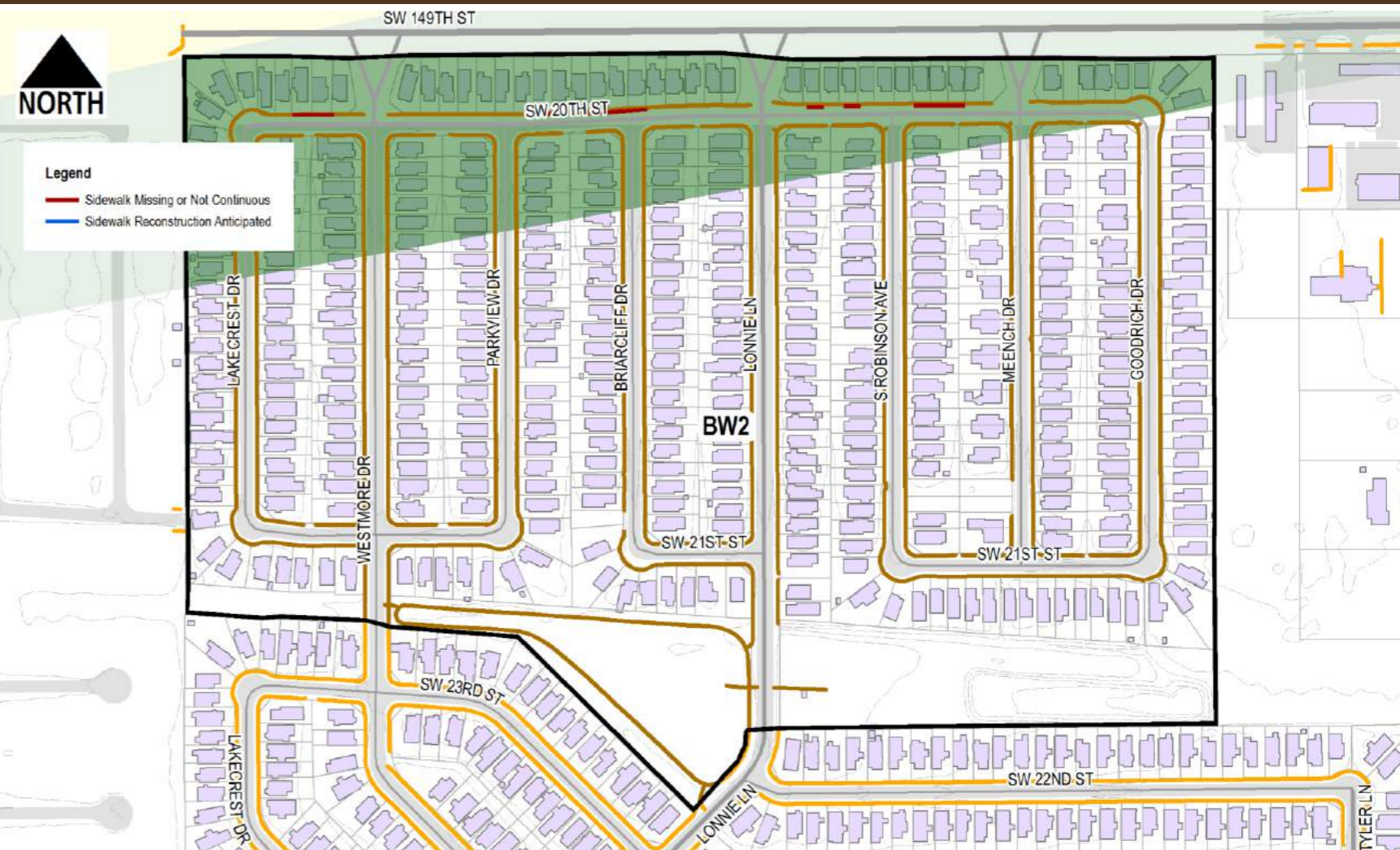
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	15850	0.67	5.00	3.37
Length within 0.25-mi of Junior High School (ft)	340	0.01	4.00	0.06
Length within 0.25-mi of Park (ft)	21481	0.91	3.00	2.74
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				6.18

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5443	0.24	2.00	0.49
Length Outside Damage Area prior to Disaster (ft)	16883	0.76	1.00	0.76
Damage Score				1.24

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	7	0.25	1.75	SW8 - longitudinal slope > 5%	2	0.25	0.50
SW2 - joint deflection	64	0.25	16.00	SW9 - cross slope > 2%	12	0.25	3.00
SW3 - panel settlement	17	0.25	4.25	SW10 - evidence of ponding	5	0.25	1.25
SW4 - panel cracking	71	0.25	17.75	SW11 - anticipated future damage	15	0.25	3.75
SW5 - obstructions present	24	0.25	6.00	SW12 - evidence of recent repair work	13	0.25	3.25
SW6 - curb ramps not present	46	0.25	11.50	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	12	0.25	3.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 72.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
Assessment Sub-Area BW2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA BW2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **121.43**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue

Assessment Sub-Area EA1

Infrastructure Category Sidewalks

Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	7688			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4716	0.61	2.00	1.23
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	1393	0.18	6.00	1.09
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	1393	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.31

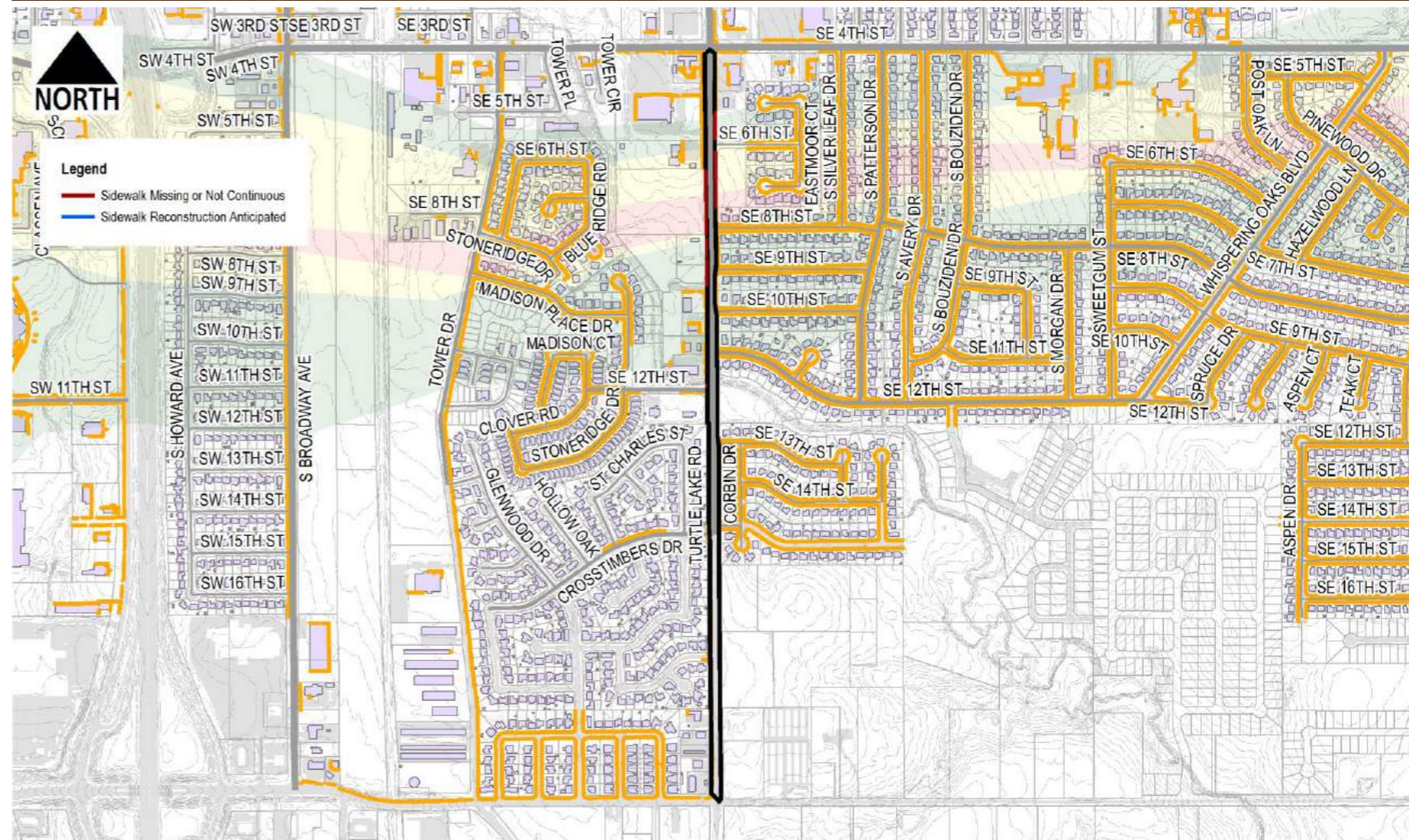
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	5471	0.71	3.00	2.13
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.13

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	122	0.03	10.00	0.26
Length within EF2 to EF4 Damage Area prior to disaster (ft)	25	0.01	5.00	0.03
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1115	0.24	2.00	0.47
Length Outside Damage Area prior to Disaster (ft)	3453	0.73	1.00	0.73
Damage Score				1.49

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	4	0.25	1.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	1	0.25	0.25
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	2	0.25	0.50
SW4 - panel cracking	8	0.25	2.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	2	0.25	0.50	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	11	0.25	2.75	SW15 - not ADA compliant at intersection	21	0.25	5.25

Condition Score 12.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **58.19**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ1
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	400			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	238	0.60	2.00	1.19
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				5.79

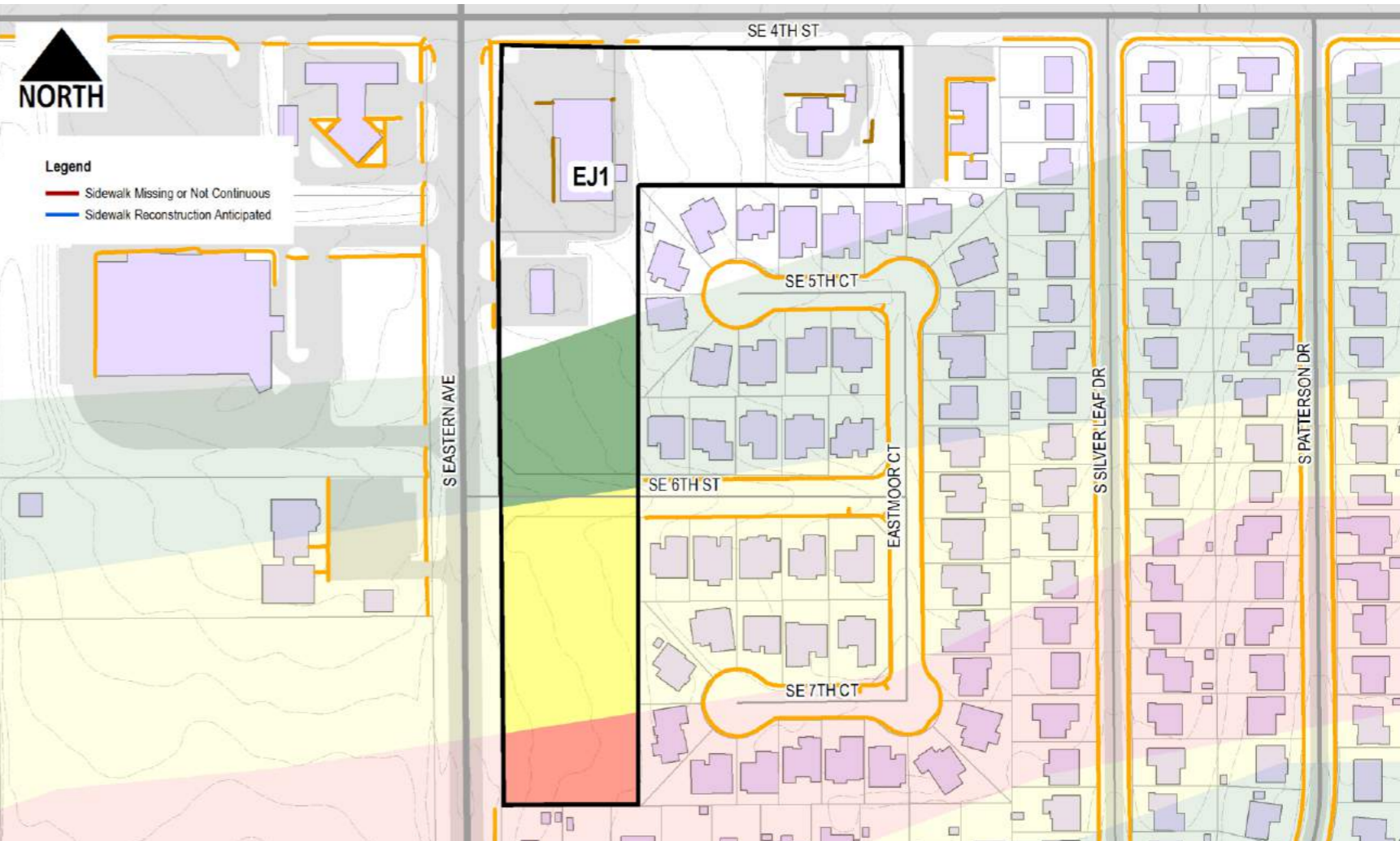
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	238	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ1
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **31.79**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ2
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	40781			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	39573	0.97	2.00	1.94
Future damage anticipated per field assessment (ft)	2690	0.07	0.07	0.26
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				6.80

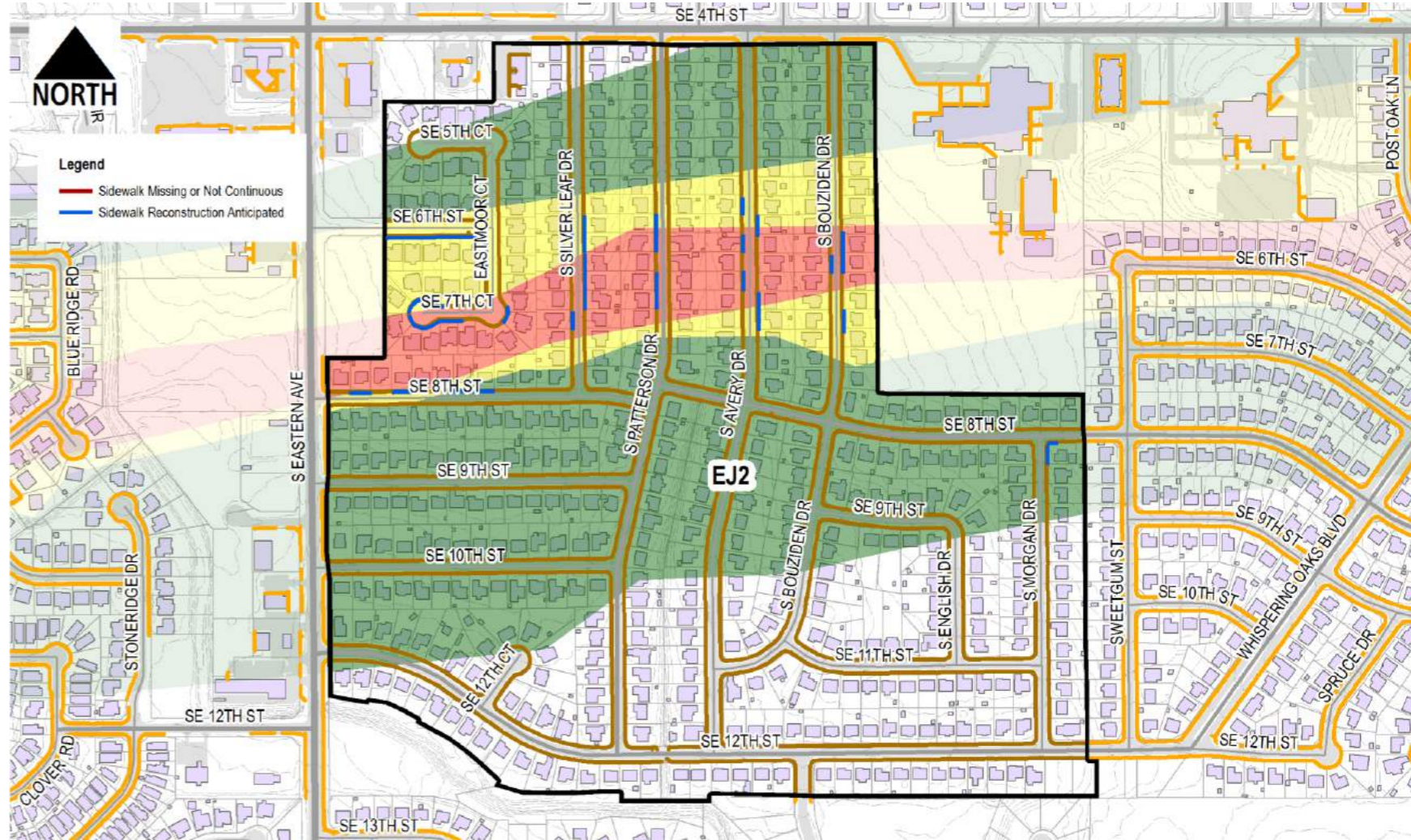
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	20505	0.50	5.00	2.51
Length within 0.25-mi of Junior High School (ft)	31134	0.76	4.00	3.05
Length within 0.25-mi of Park (ft)	5380	0.13	3.00	0.40
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				5.96

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3149	0.08	10.00	0.80
Length within EF2 to EF4 Damage Area prior to disaster (ft)	4277	0.11	5.00	0.54
Length within EF0 to EF2 Damage Area prior to disaster (ft)	19228	0.49	2.00	0.97
Length Outside Damage Area prior to Disaster (ft)	12919	0.33	1.00	0.33
Damage Score				2.63

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	6	0.25	1.50	SW8 - longitudinal slope > 5%	10	0.25	2.50
SW2 - joint deflection	35	0.25	8.75	SW9 - cross slope > 2%	22	0.25	5.50
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	56	0.25	14.00	SW11 - anticipated future damage	32	0.25	8.00
SW5 - obstructions present	8	0.25	2.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	13	0.25	3.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	20	0.25	5.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 50.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

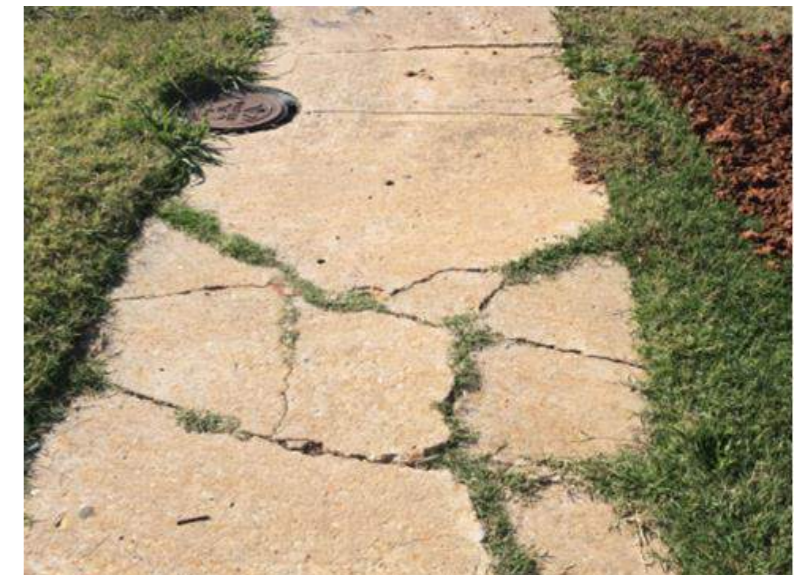
Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
EJ2: PEDESTRIAN IMPROVEMENTS, CONNECTION TO HIGHLAND EAST	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) 85.90



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ5

Infrastructure Category Sidewalks

Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	45435			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	41849	0.92	2.00	1.84
Future damage anticipated per field assessment (ft)	3686	0.08	0.08	0.32
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				6.77

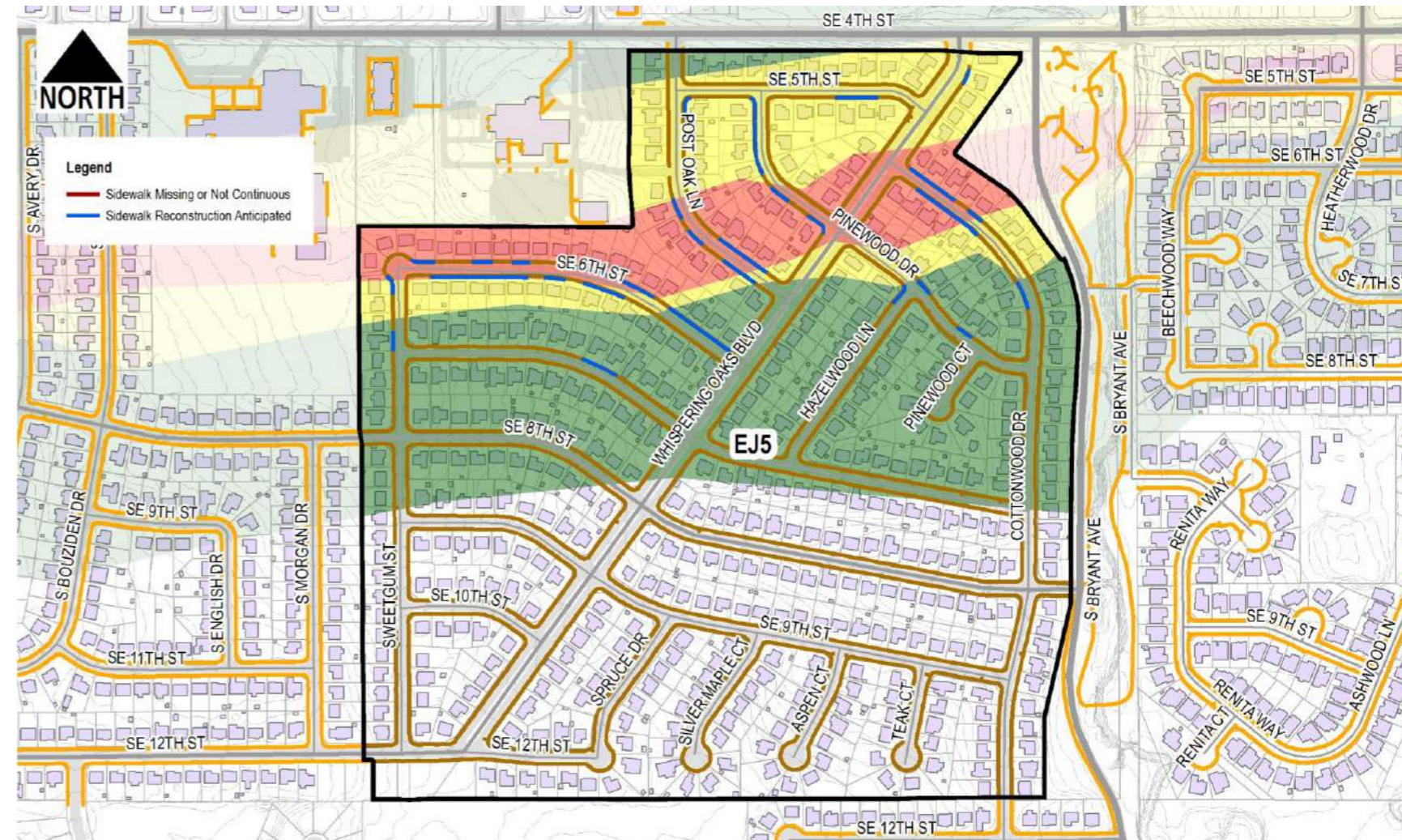
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	8607	0.19	5.00	0.95
Length within 0.25-mi of Junior High School (ft)	20704	0.46	4.00	1.82
Length within 0.25-mi of Park (ft)	27862	0.61	3.00	1.84
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				4.61

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	4099	0.10	10.00	0.98
Length within EF2 to EF4 Damage Area prior to disaster (ft)	5542	0.13	5.00	0.66
Length within EF0 to EF2 Damage Area prior to disaster (ft)	13581	0.32	2.00	0.65
Length Outside Damage Area prior to Disaster (ft)	18626	0.45	1.00	0.45
Damage Score				2.74

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	5	0.25	1.25	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	45	0.25	11.25	SW9 - cross slope > 2%	4	0.25	1.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	38	0.25	9.50	SW11 - anticipated future damage	57	0.25	14.25
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	9	0.25	2.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	11	0.25	2.75	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							42.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ5
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ5: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
EJ5: PEDESTRIAN IMPROVEMENTS @ SE 6TH CUL-DE-SAC, CONNECTION TO HIGHLAND EAS	1.00	5.00	5.00	
Opportunity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **76.61**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ6

Infrastructure Category Sidewalks

Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	5526			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4159	0.75	2.00	1.51
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	4342	0.79	6.00	4.71
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	4342	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				11.22

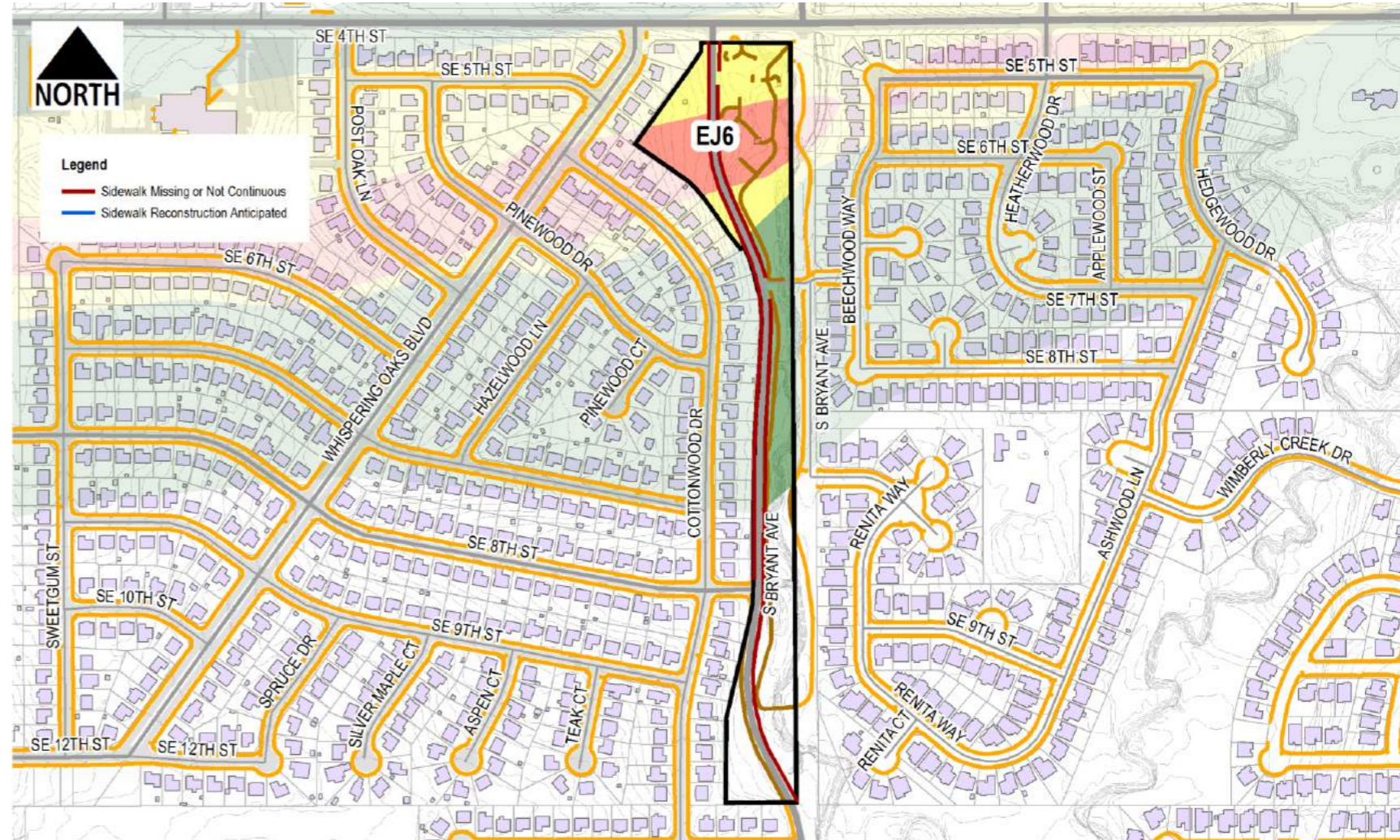
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	5526	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				3.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	656	0.16	10.00	1.58
Length within EF2 to EF4 Damage Area prior to disaster (ft)	792	0.19	5.00	0.95
Length within EF0 to EF2 Damage Area prior to disaster (ft)	980	0.24	2.00	0.47
Length Outside Damage Area prior to Disaster (ft)	1731	0.42	1.00	0.42
Damage Score				3.42

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	4	0.25	1.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15 - not ADA compliant at intersection	1	0.25	0.25
Condition Score							1.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ6
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ6: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **49.14**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Heatherwood
Assessment Sub-Area HW1
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	16227			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	14970	0.92	2.00	1.85
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	975	0.06	6.00	0.36
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	878	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	98	0.1	1.00	0.10
Background Score				6.81

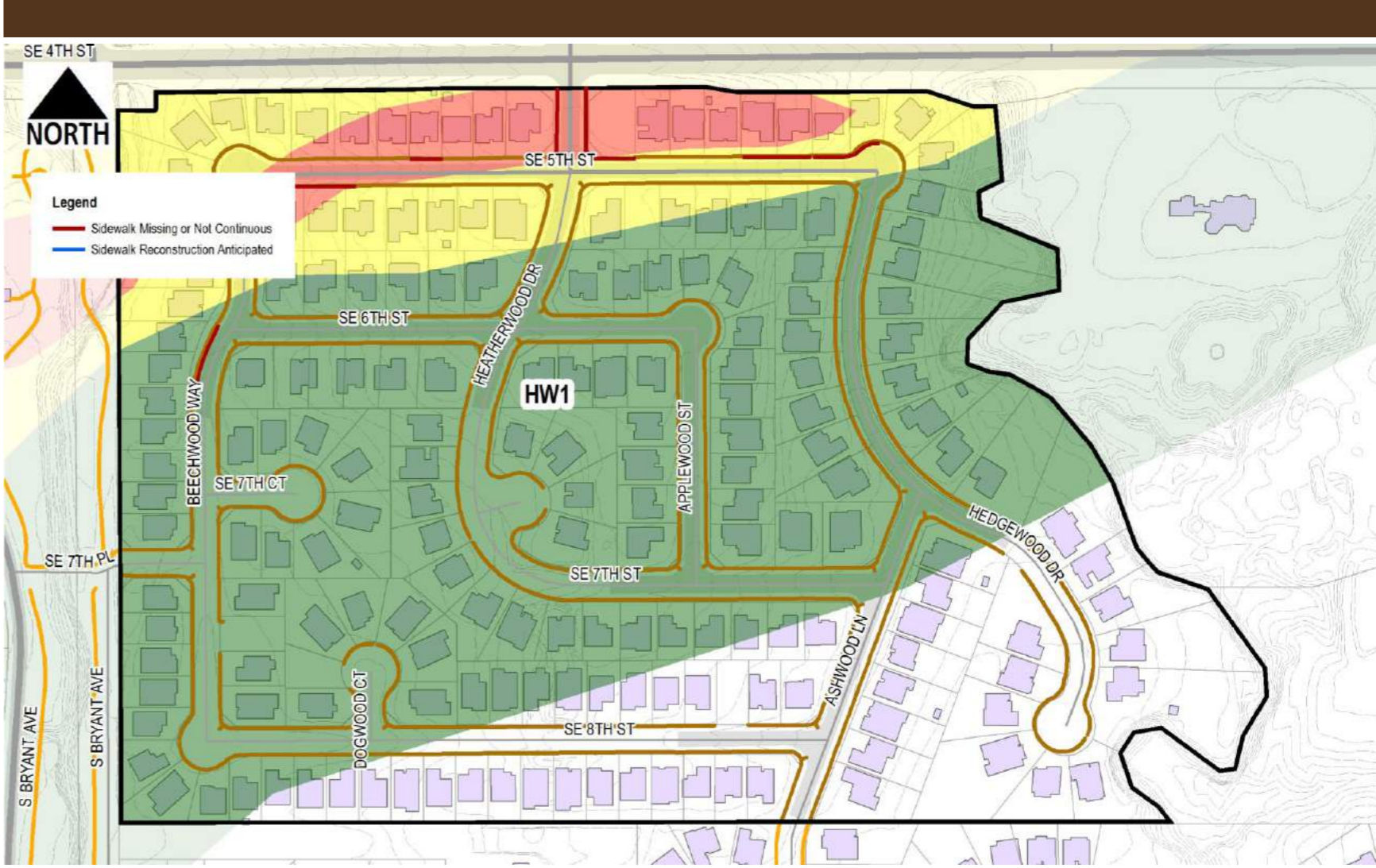
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	15955	0.98	3.00	2.95
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.95

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	756	0.05	10.00	0.51
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1918	0.13	5.00	0.64
Length within EF0 to EF2 Damage Area prior to disaster (ft)	9453	0.63	2.00	1.26
Length Outside Damage Area prior to Disaster (ft)	2843	0.19	1.00	0.19
Damage Score				2.60

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	5	0.25	1.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	6	0.25	1.50	SW11 - anticipated future damage	8	0.25	2.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	1	0.25	0.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	5	0.25	1.25	SW15 - not ADA compliant at intersection	10	0.25	2.50

Condition Score 9.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA HW1: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.35**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	15653			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2069	0.13	2.00	0.26
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	9575	0.61	6.00	3.67
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	8618	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	958	0.1	1.00	0.10
Background Score				8.53

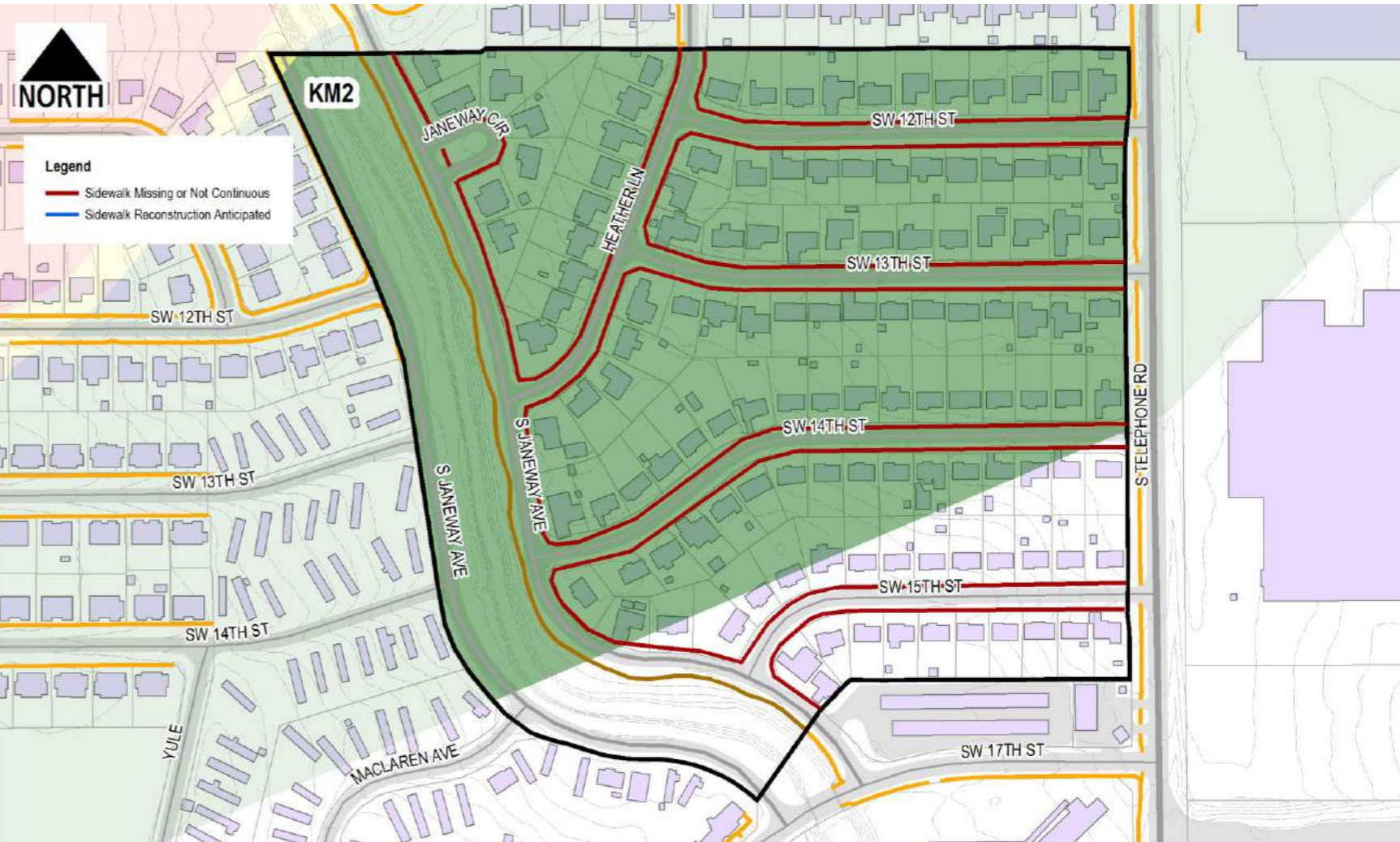
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	15083	0.96	3.00	2.89
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.89

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	51	0.02	5.00	0.12
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1606	0.78	2.00	1.55
Length Outside Damage Area prior to Disaster (ft)	412	0.20	1.00	0.20
Damage Score				1.87

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	2	0.25	0.50	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	1	0.25	0.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **69.05**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	18105			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2996	0.17	2.00	0.33
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	14250	0.79	6.00	4.72
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	12825	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	1425	0.1	1.00	0.10
Background Score				9.65

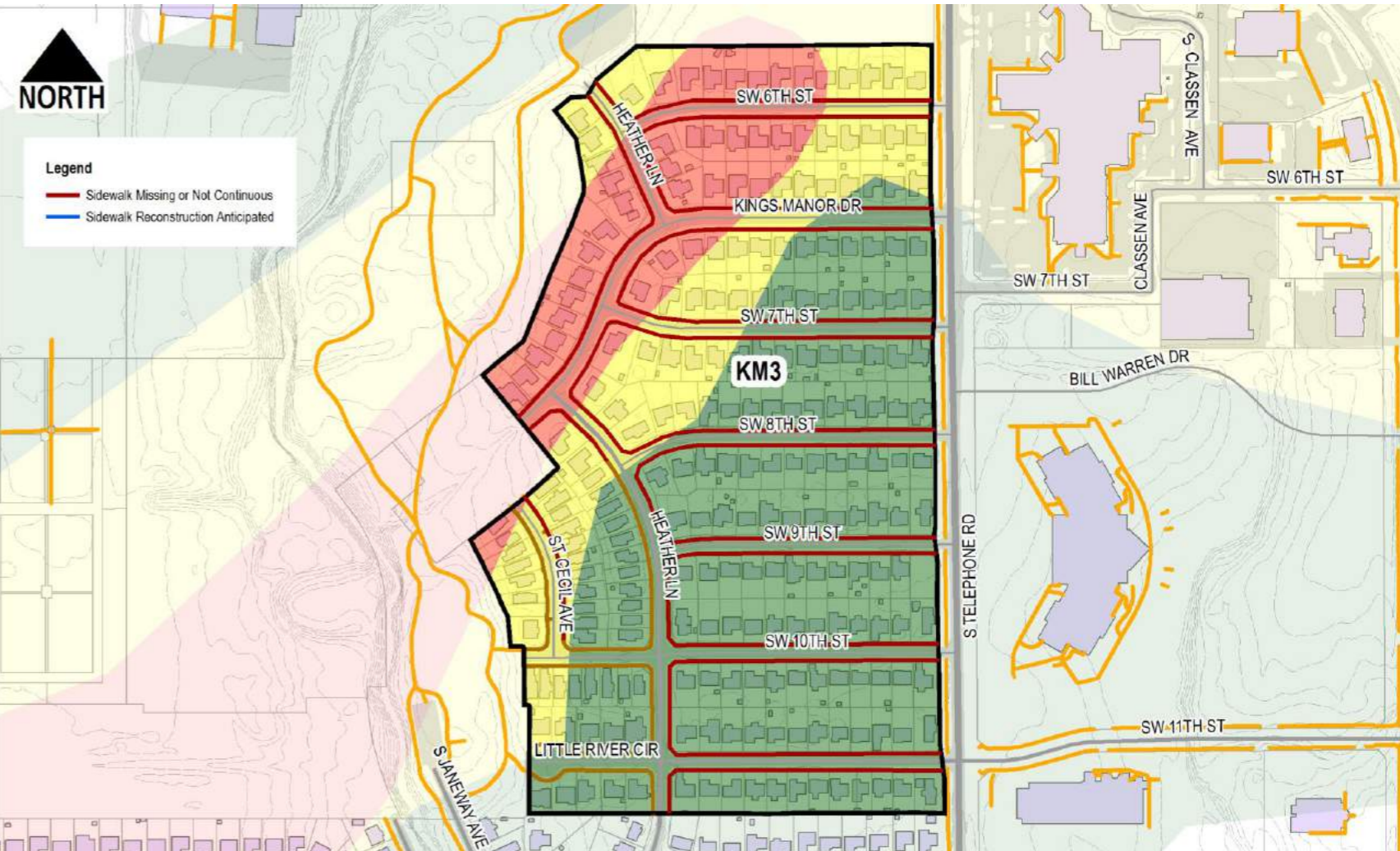
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	18105	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				3.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	51	0.02	10.00	0.17
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1082	0.36	5.00	1.81
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1864	0.62	2.00	1.24
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.22

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	1	0.25	0.25	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	3	0.25	0.75	SW9 - cross slope > 2%	9	0.25	2.25
SW3 - panel settlement	2	0.25	0.50	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	13	0.25	3.25	SW11 - anticipated future damage	22	0.25	5.50
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	4	0.25	1.00
SW6 - curb ramps not present	7	0.25	1.75	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	8	0.25	2.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 17.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM3: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **88.12**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

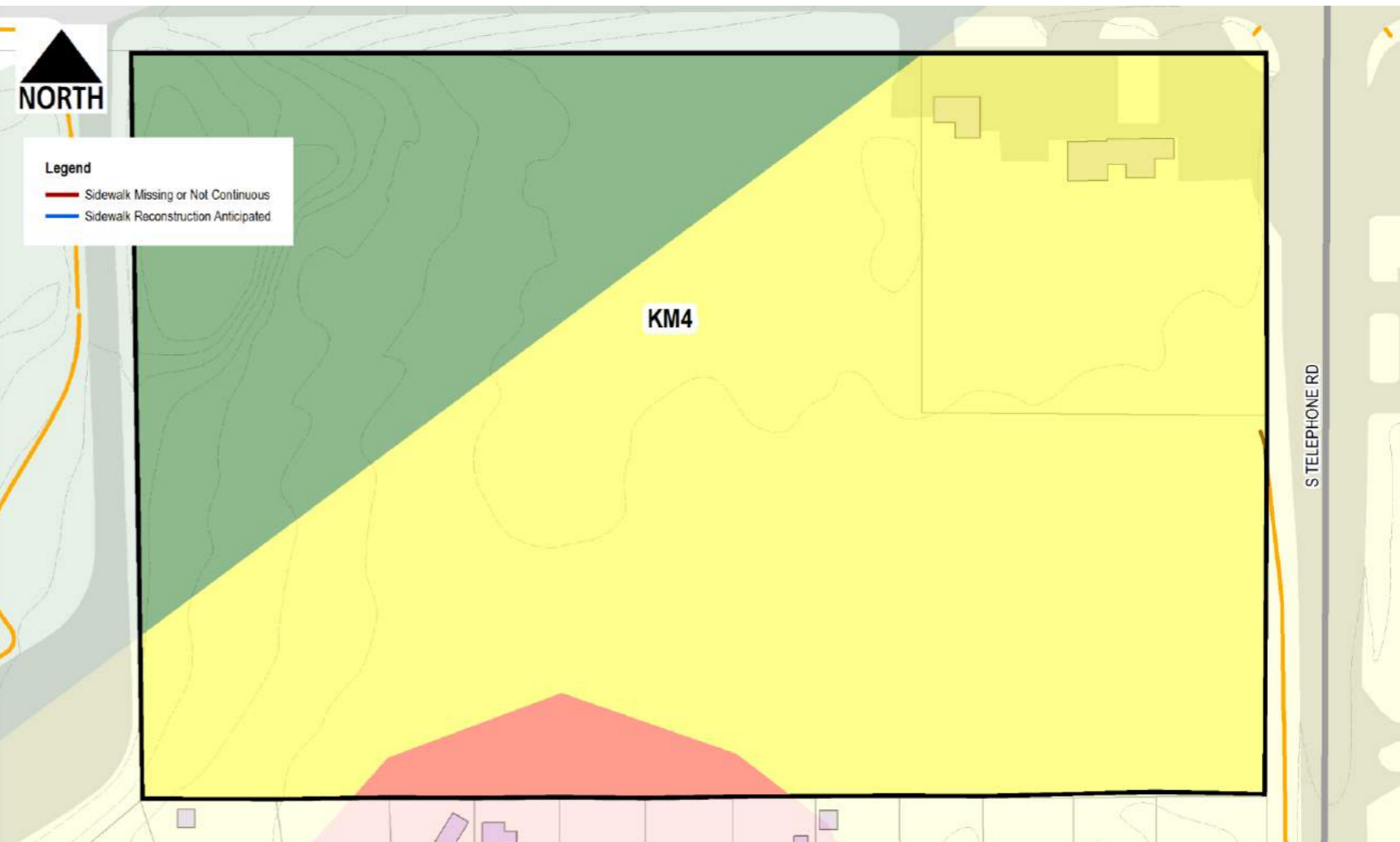
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	36	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00
Condition Score							0.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **19.85**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	343			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	7668	22.36	2.00	44.71
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
			Background Score	49.31

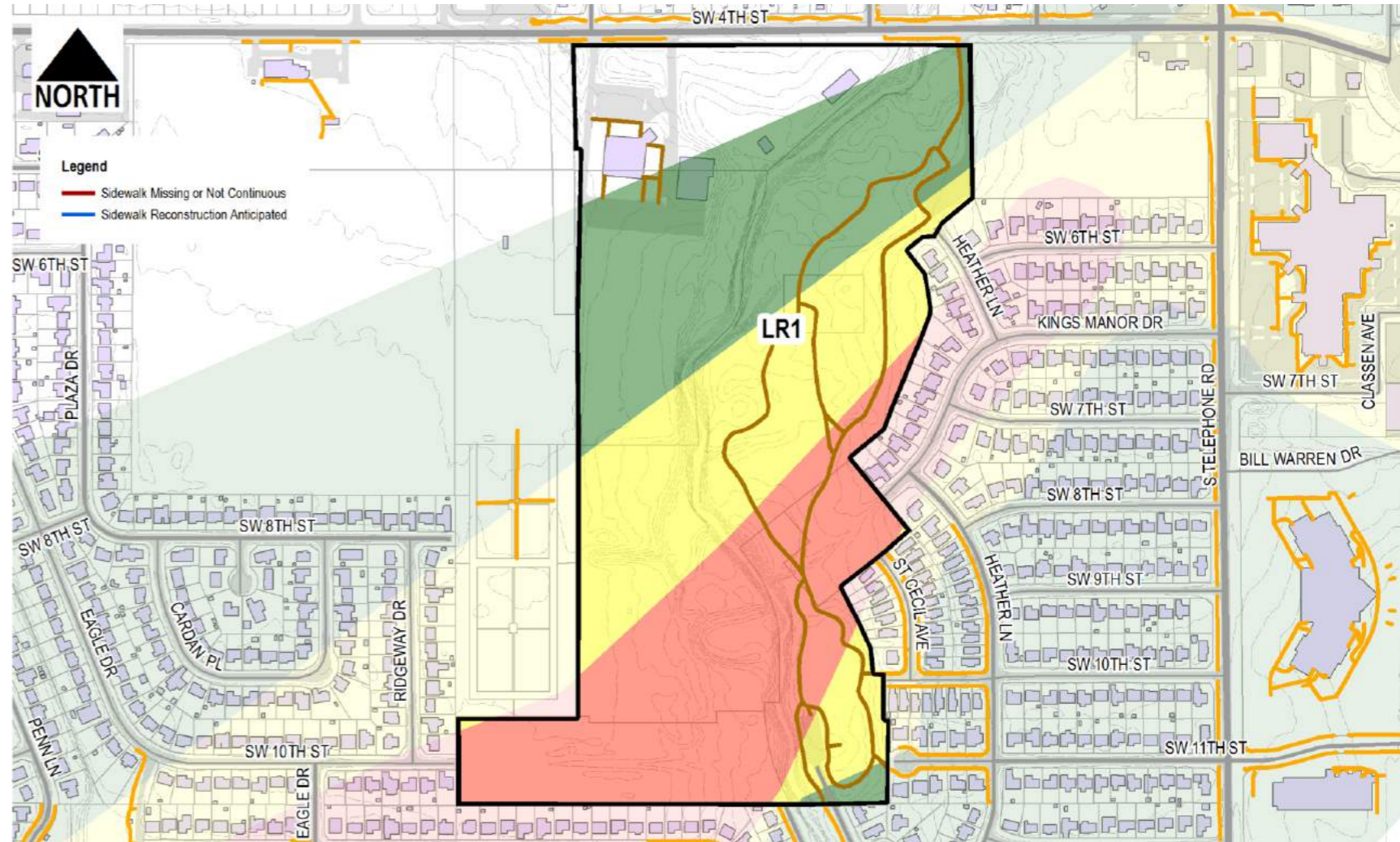
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	343	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	3.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2162	0.28	10.00	2.82
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3149	0.41	5.00	2.05
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1879	0.25	2.00	0.49
Length Outside Damage Area prior to Disaster (ft)	478	0.06	1.00	0.06
			Damage Score	5.43

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **97.99**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
Assessment Sub-Area LR2
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

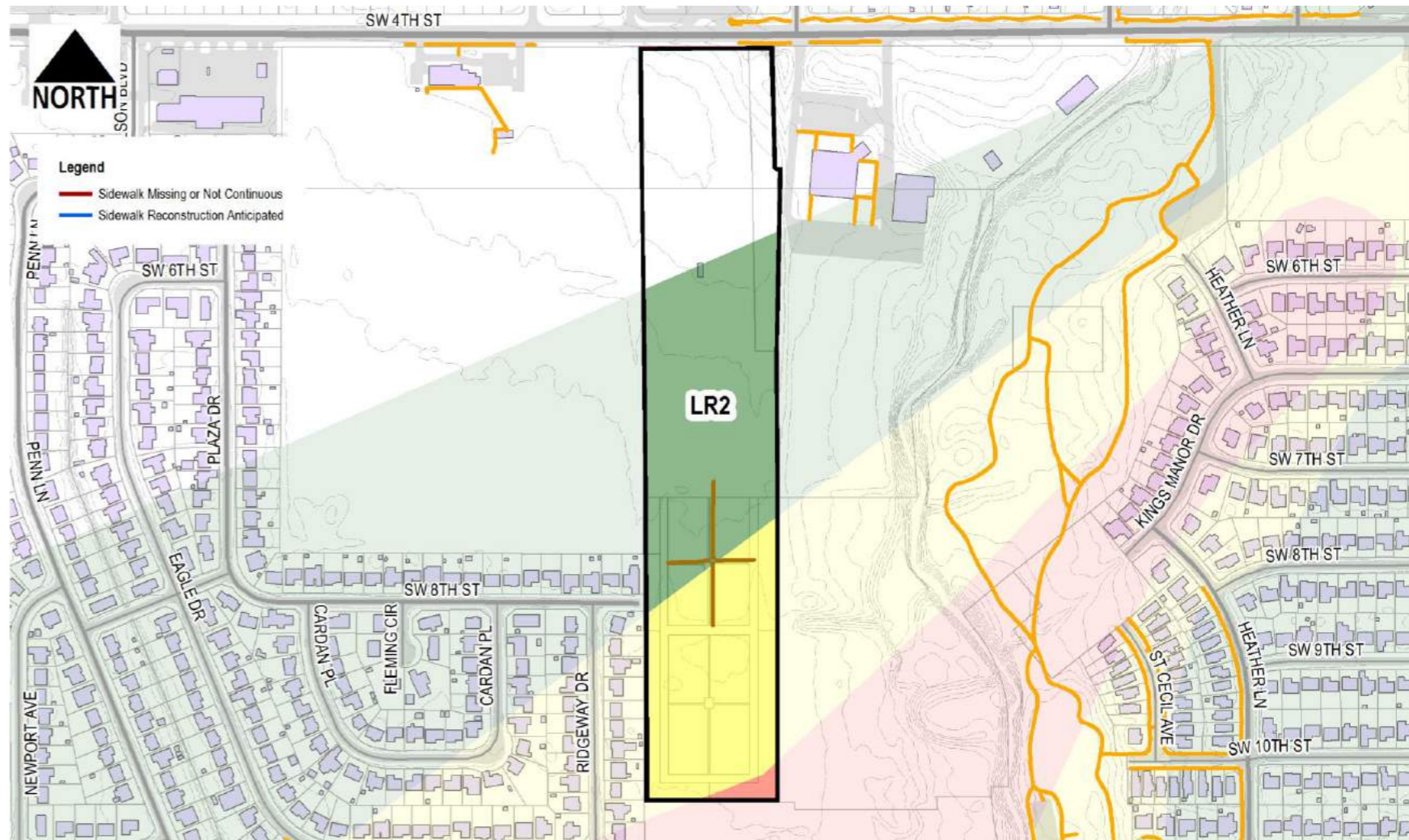
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	290	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	367	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **14.60**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
Assessment Sub-Area LR3
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

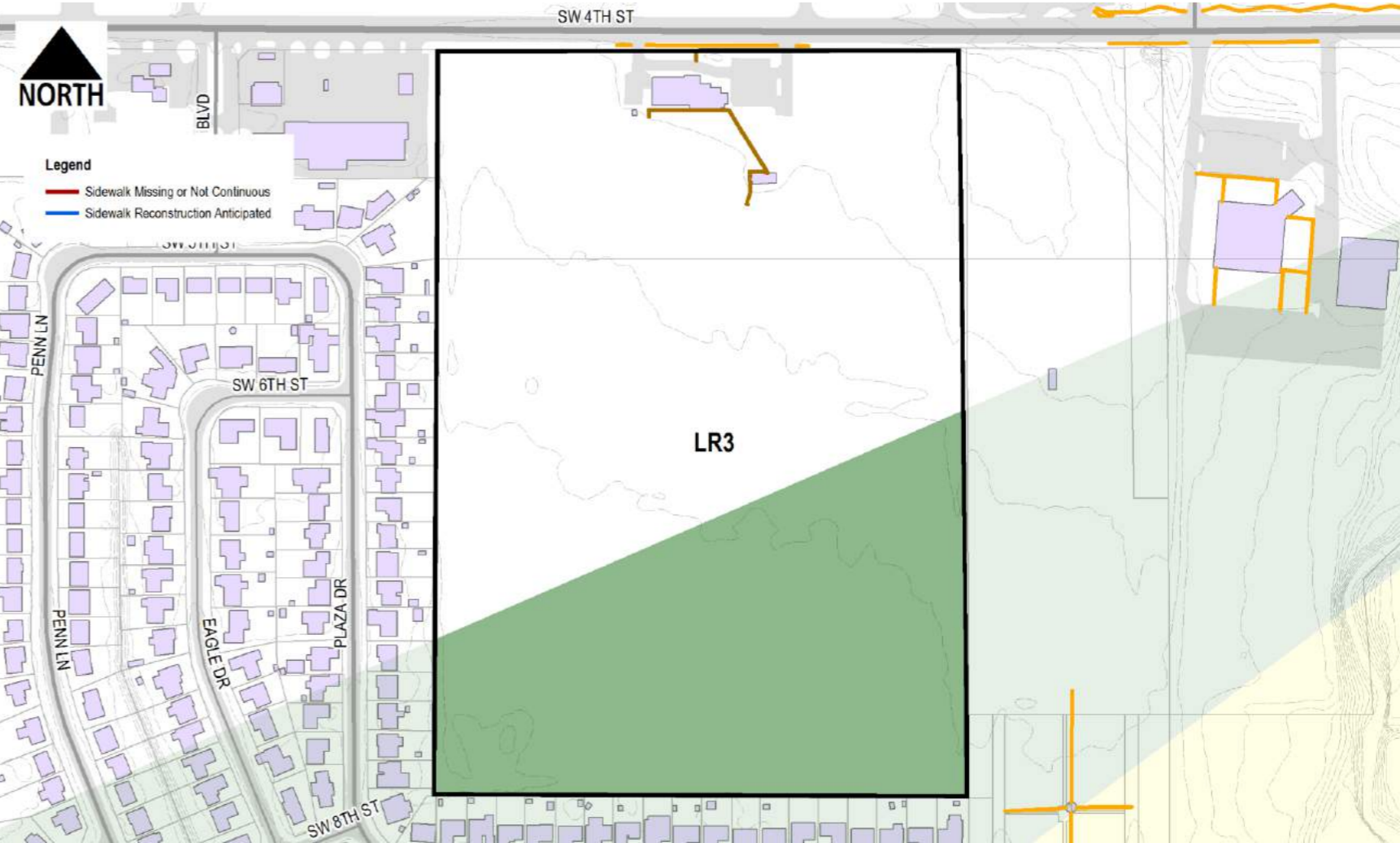
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	446	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **9.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH1
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	2244			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2314	1.03	2.00	2.06
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	256	0.11	6.00	0.68
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	230	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	26	0.1	1.00	0.10
Background Score				7.35

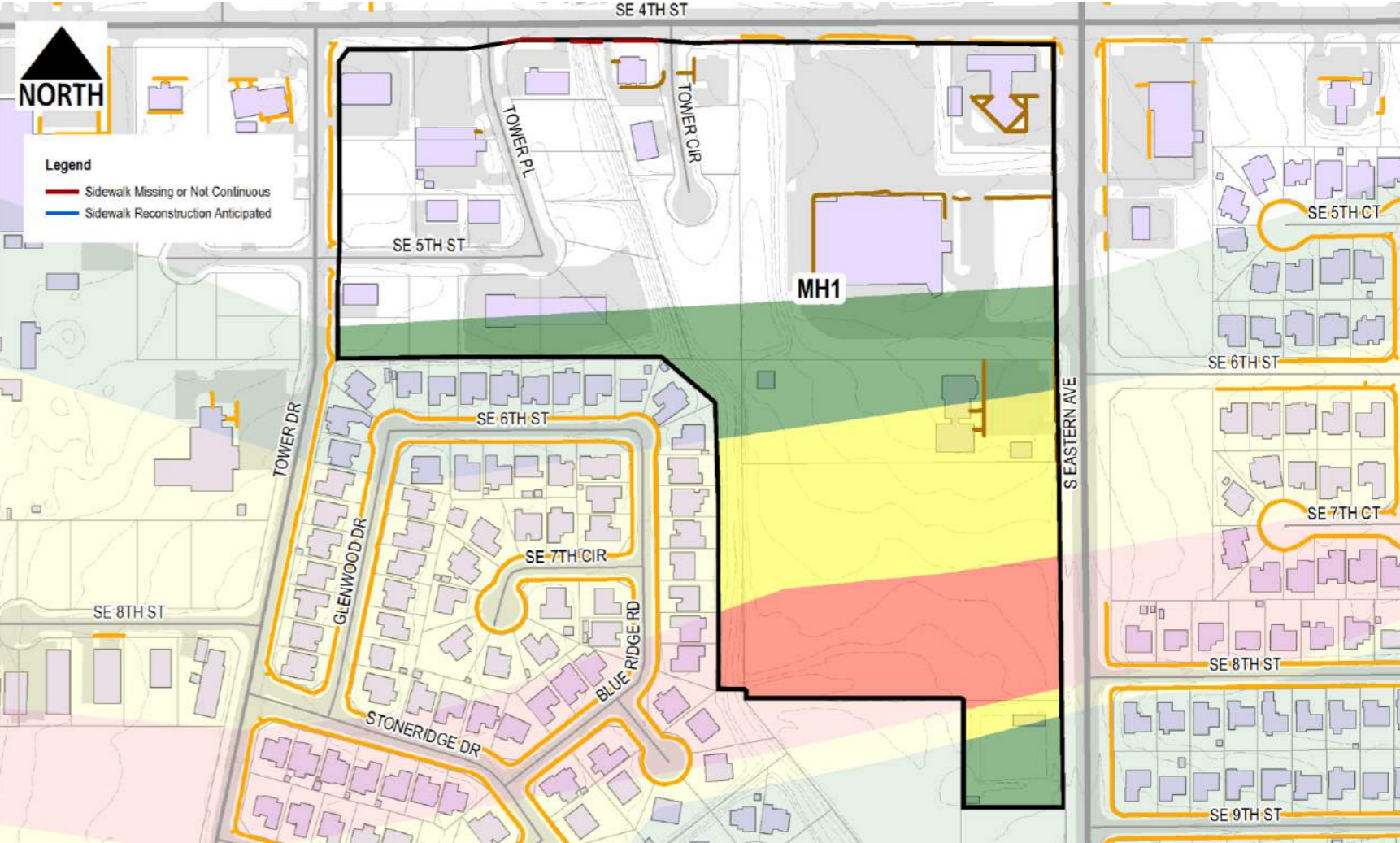
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	1644	0.73	1.00	0.73
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.73

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	225	0.10	5.00	0.49
Length within EF0 to EF2 Damage Area prior to disaster (ft)	245	0.11	2.00	0.21
Length Outside Damage Area prior to Disaster (ft)	1845	0.80	1.00	0.80
Damage Score				1.50

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	1	0.25	0.25
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	11	0.25	2.75

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **18.07**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl

Assessment Sub-Area: MH2

Infrastructure Category: Sidewalks

Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	20247			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	16401	0.81	2.00	1.62
Future damage anticipated per field assessment (ft)	1003	0.05	0.05	0.20
Sidewalk Missing or not Continuous (ft)	3566	0.18	6.00	1.06
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3209	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	357	0.1	1.00	0.10
Background Score				7.47

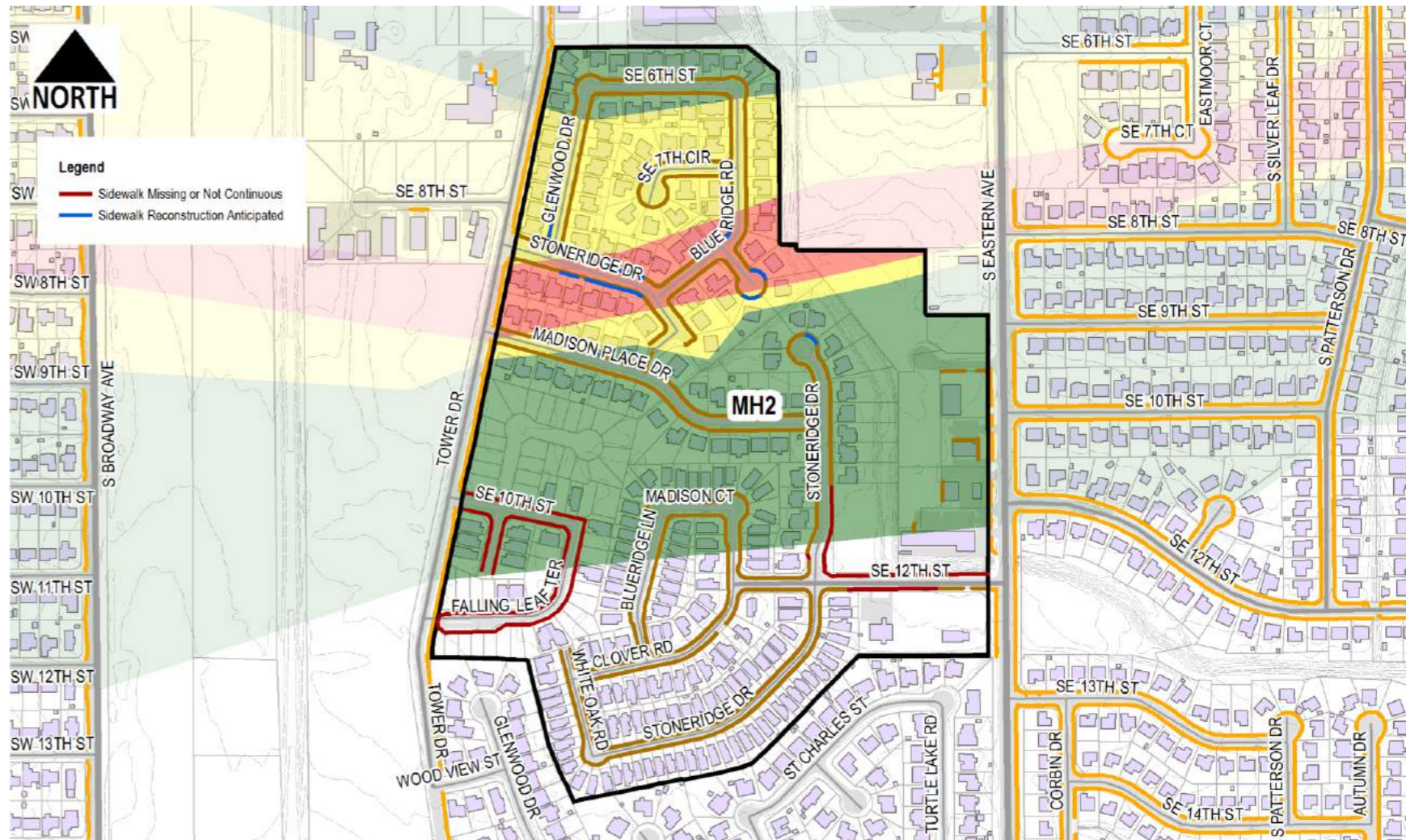
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	20247	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	10948	0.54	1.00	0.54
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				3.54

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1865	0.11	10.00	1.14
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3296	0.20	5.00	1.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5866	0.36	2.00	0.72
Length Outside Damage Area prior to Disaster (ft)	5373	0.33	1.00	0.33
Damage Score				3.18

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	3	0.25	0.75	SW8 - longitudinal slope > 5%	1	0.25	0.25
SW2 - joint deflection	11	0.25	2.75	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	15	0.25	3.75	SW11 - anticipated future damage	19	0.25	4.75
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	2	0.25	0.50	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	7	0.25	1.75	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 15.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA MH2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **69.20**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	10915			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2838	0.26	2.00	0.52
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	4125	0.38	6.00	2.27
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	4125	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.79

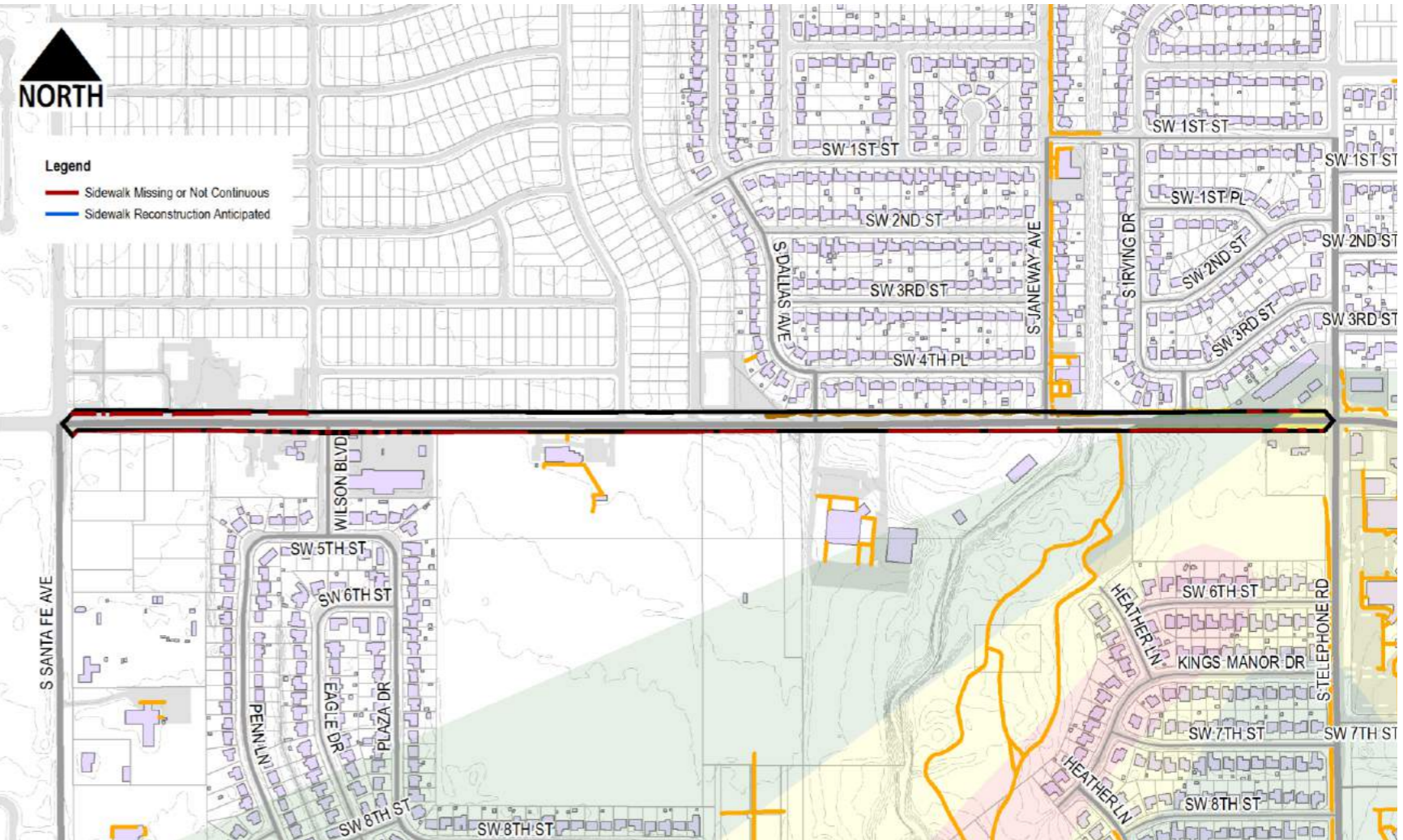
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	9807	0.90	3.00	2.70
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.70

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	6	0.00	5.00	0.01
Length within EF0 to EF2 Damage Area prior to disaster (ft)	226	0.08	2.00	0.16
Length Outside Damage Area prior to Disaster (ft)	2606	0.92	1.00	0.92
Damage Score				1.09

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	2	0.25	0.50	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	9	0.25	2.25

Condition Score 3.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4A
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **54.82**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	6304			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	332	0.05	2.00	0.11
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3597	0.57	6.00	3.42
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3597	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				8.53

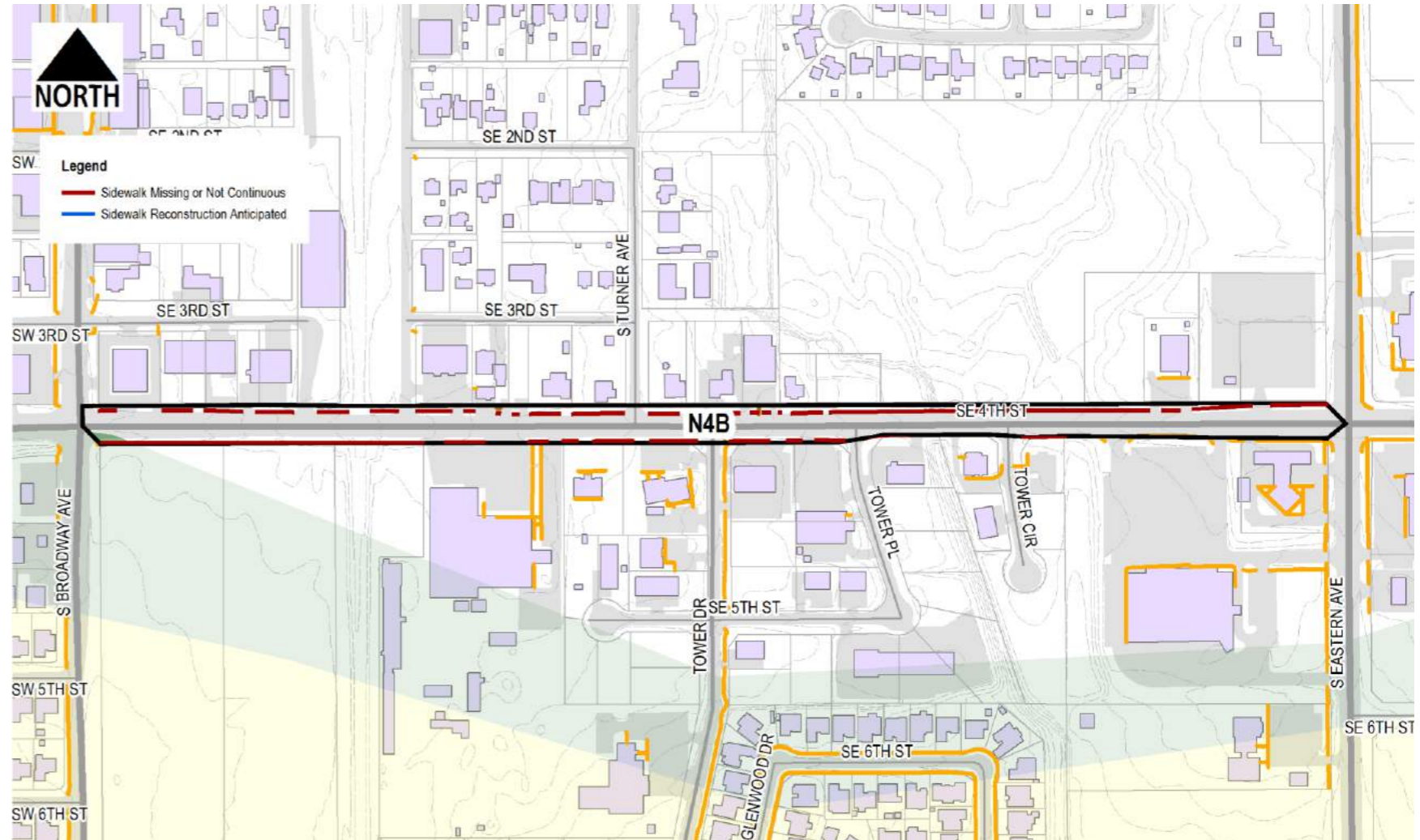
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	4182	0.66	1.00	0.66
Length within 0.25-mi of Library (ft)	1483	0.24	1.00	0.24
Proximity Score				0.90

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4	0.01	2.00	0.02
Length Outside Damage Area prior to Disaster (ft)	328	0.99	1.00	0.99
Damage Score				1.01

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15- not ADA compliant at intersection	2	0.25	0.50

Condition Score 1.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.44**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11873			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	1849	0.16	2.00	0.31
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	7268	0.61	6.00	3.67
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	7268	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				8.98

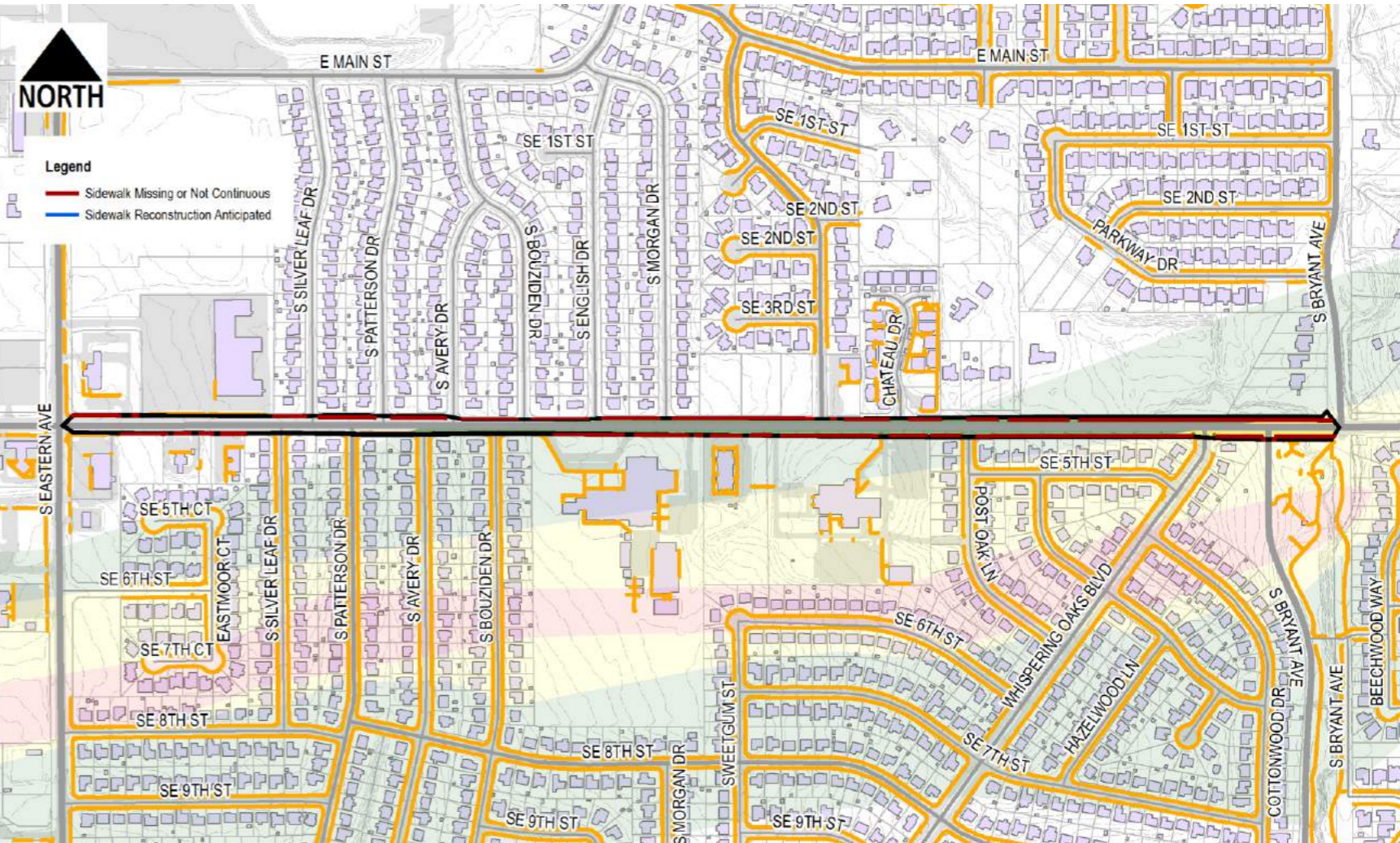
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	7795	0.66	4.00	2.63
Length within 0.25-mi of Park (ft)	4064	0.34	3.00	1.03
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				3.65

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	77	0.04	5.00	0.21
Length within EF0 to EF2 Damage Area prior to disaster (ft)	596	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	1177	0.64	1.00	0.64
Damage Score				1.49

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	2	0.25	0.50	SW9 - cross slope > 2%	1	0.25	0.25
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	5	0.25	1.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	6	0.25	1.50	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	6	0.25	1.50	SW15 - not ADA compliant at intersection	7	0.25	1.75

Condition Score 7.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4C
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **56.13**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11326			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	38	0.00	2.00	0.01
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	9912	0.88	6.00	5.25
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	9912	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				10.26

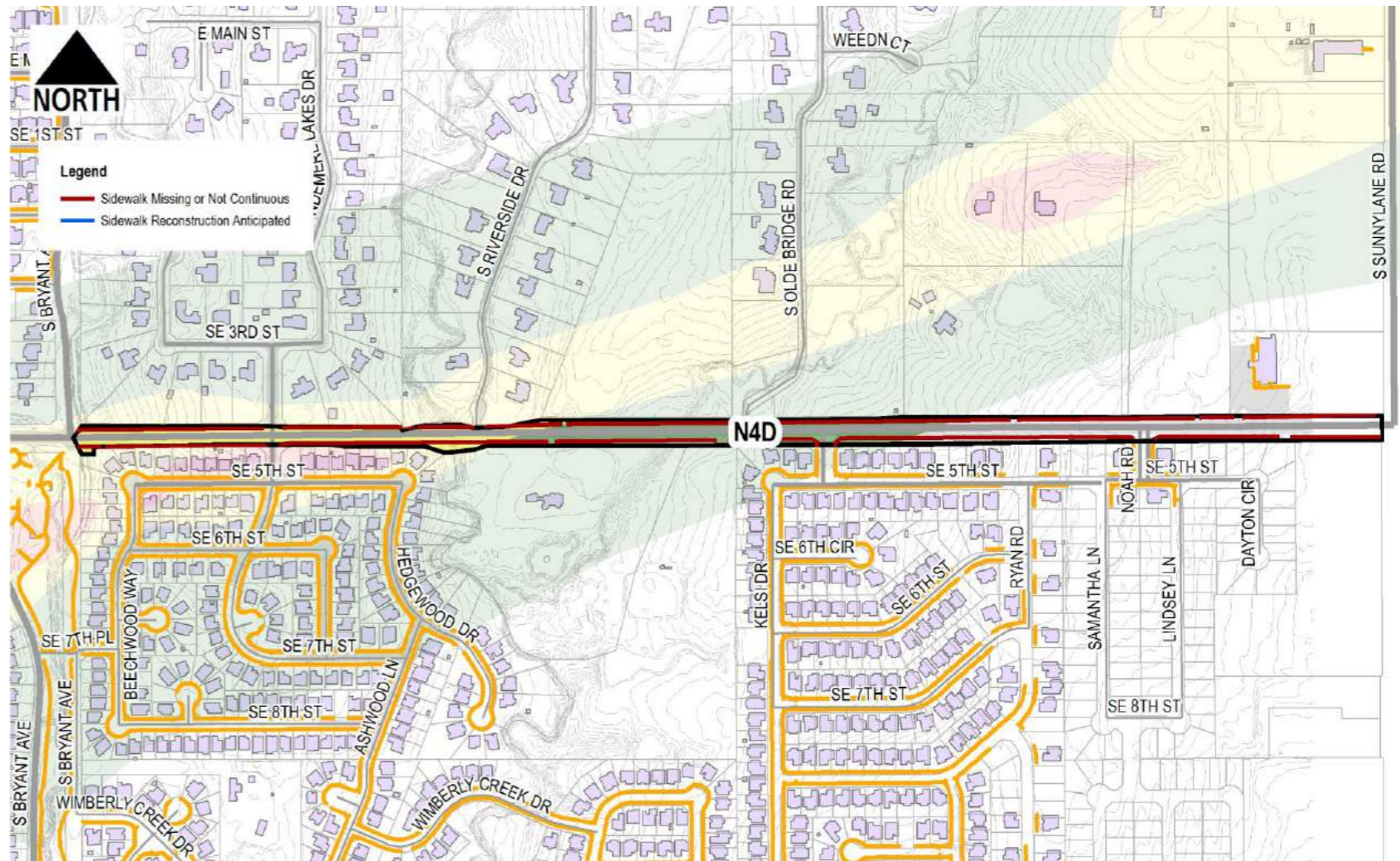
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2748	0.24	3.00	0.73
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.73

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	38	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.99**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

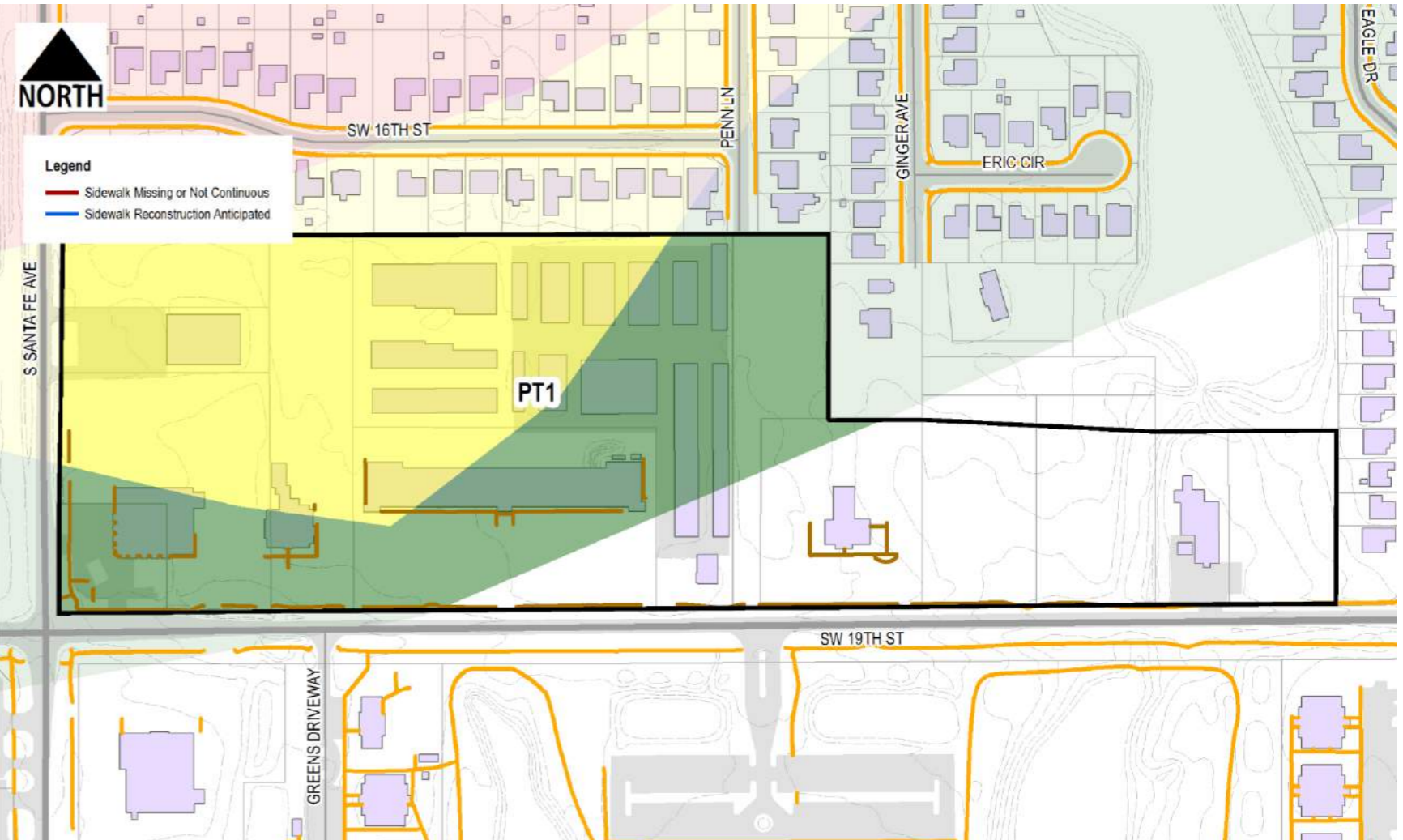
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	181	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1611	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	1596	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

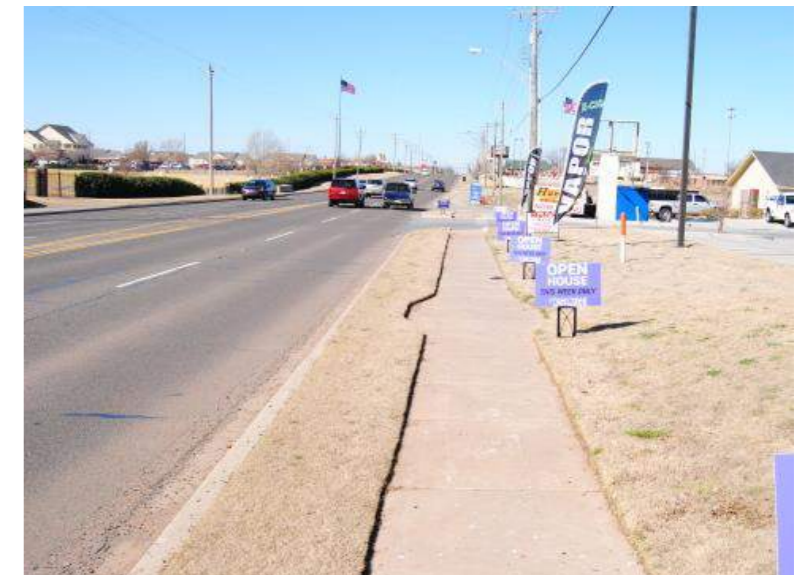
Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **5.10**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	17807			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	16914	0.95	2.00	1.90
Future damage anticipated per field assessment (ft)	5647	0.32	0.32	1.27
Sidewalk Missing or not Continuous (ft)	2368	0.13	6.00	0.80
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	2131	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	237	0.1	1.00	0.10
Background Score				8.57

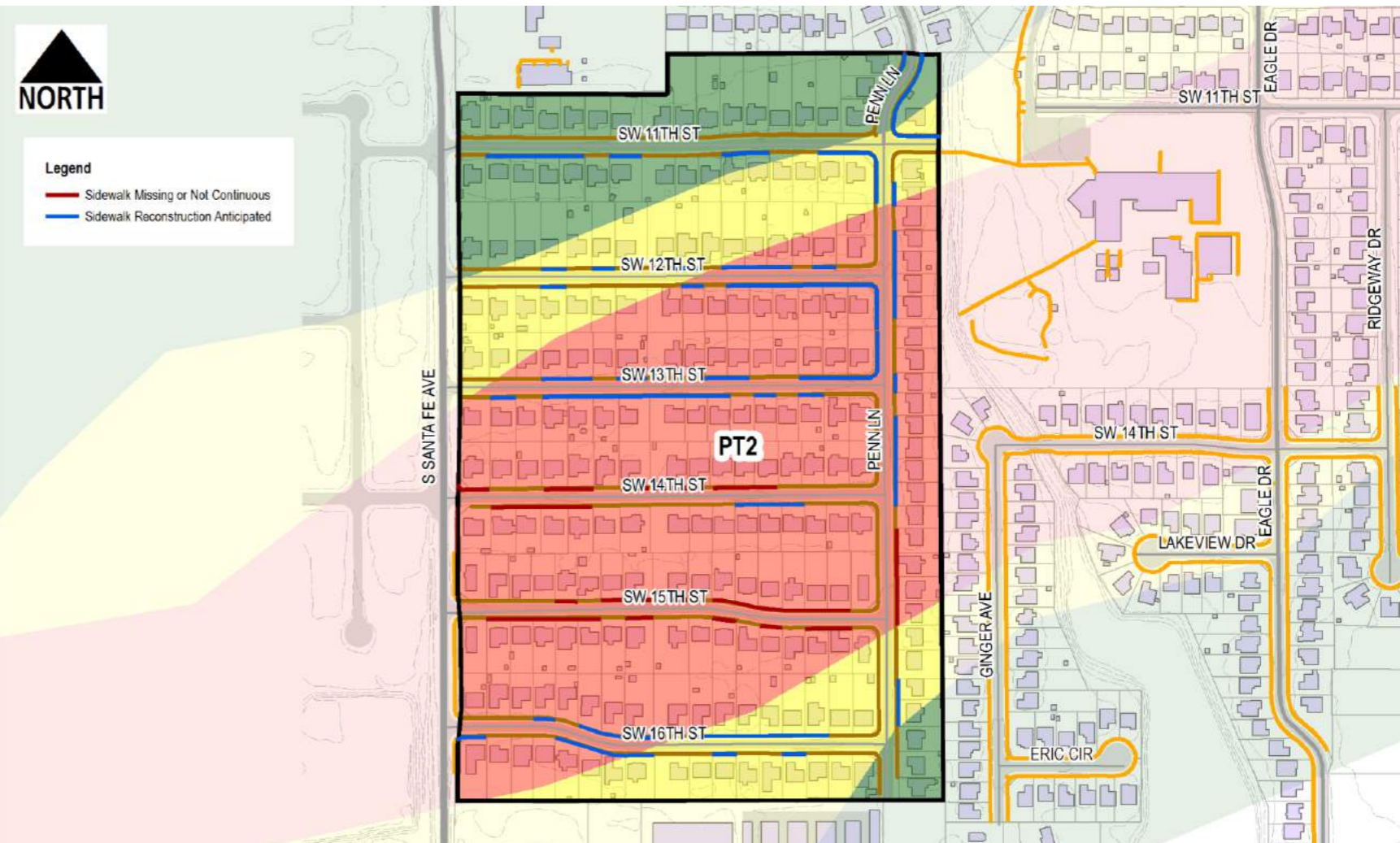
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	16958	0.95	5.00	4.76
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				4.76

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	10482	0.62	10.00	6.20
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3641	0.22	5.00	1.08
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2791	0.17	2.00	0.33
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				7.60

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	5	0.25	1.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	3	0.25	0.75	SW10 - evidence of ponding	5	0.25	1.25
SW4 - panel cracking	12	0.25	3.00	SW11 - anticipated future damage	100	0.25	25.00
SW5 - obstructions present	3	0.25	0.75	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	15	0.25	3.75	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	39	0.25	9.75	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 45.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT2: RECONSTRUCTION OF ALL EXISTING SIDEWALKS	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **91.43**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	15411			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	11893	0.77	2.00	1.54
Future damage anticipated per field assessment (ft)	3437	0.22	0.22	0.89
Sidewalk Missing or not Continuous (ft)	4738	0.31	6.00	1.84
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	4264	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	474	0.1	1.00	0.10
			Background Score	8.88

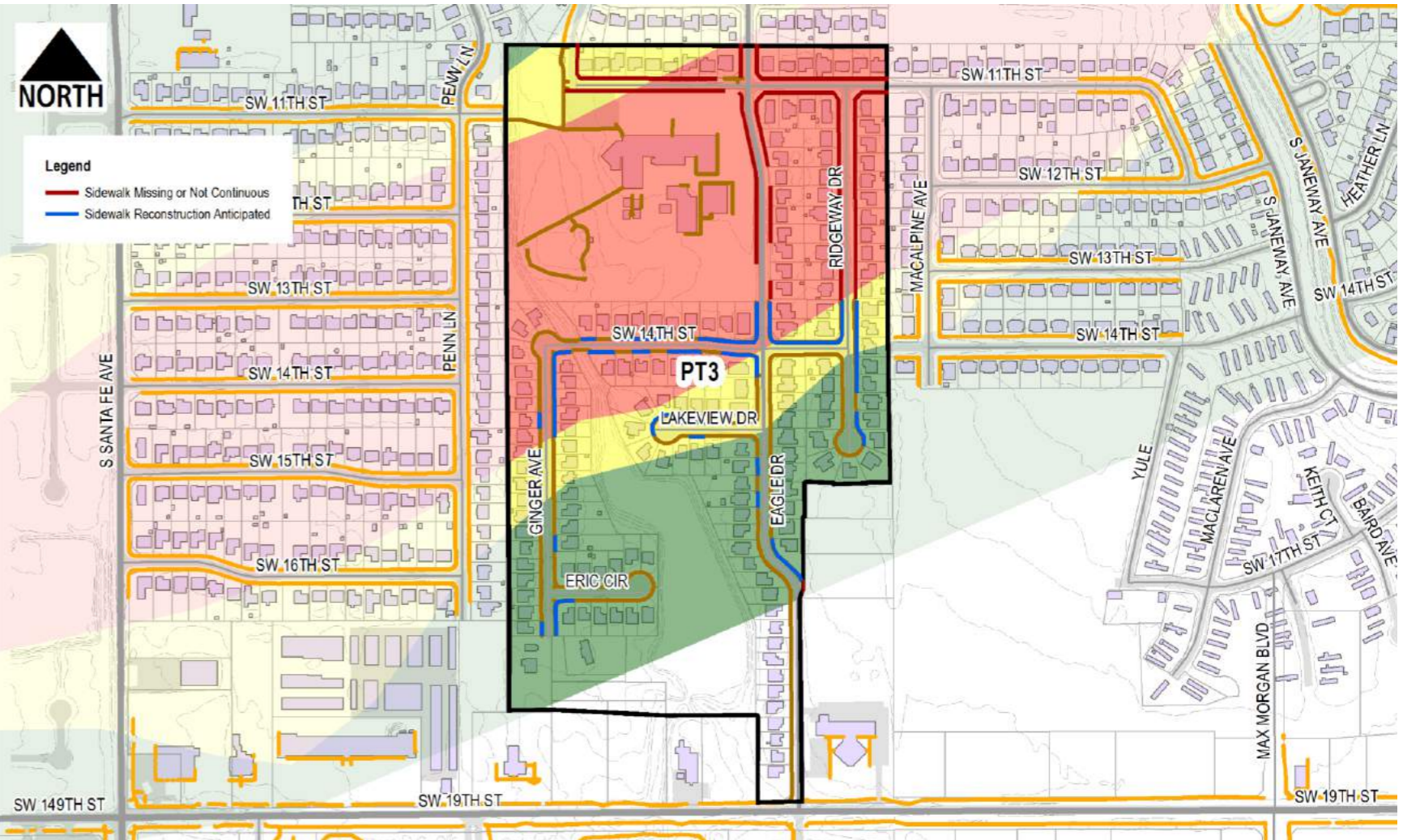
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	14597	0.95	5.00	4.74
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	8349	0.54	3.00	1.63
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	6.36

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	4609	0.39	10.00	3.88
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2914	0.25	5.00	1.23
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3562	0.30	2.00	0.60
Length Outside Damage Area prior to Disaster (ft)	807	0.07	1.00	0.07
			Damage Score	5.77

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	1	0.25	0.25	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	6	0.25	1.50	SW11 - anticipated future damage	40	0.25	10.00
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	11	0.25	2.75	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	15	0.25	3.75	SW15- not ADA compliant at intersection	0	0.25	0.00

Condition Score 19.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT3: RECONSTRUCTION OF ALL SIDEWALKS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **85.01**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	10580			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	6599	0.62	2.00	1.25
Future damage anticipated per field assessment (ft)	5215	0.49	0.49	1.97
Sidewalk Missing or not Continuous (ft)	3068	0.29	6.00	1.74
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	2761	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	307	0.1	1.00	0.10
Background Score				9.56

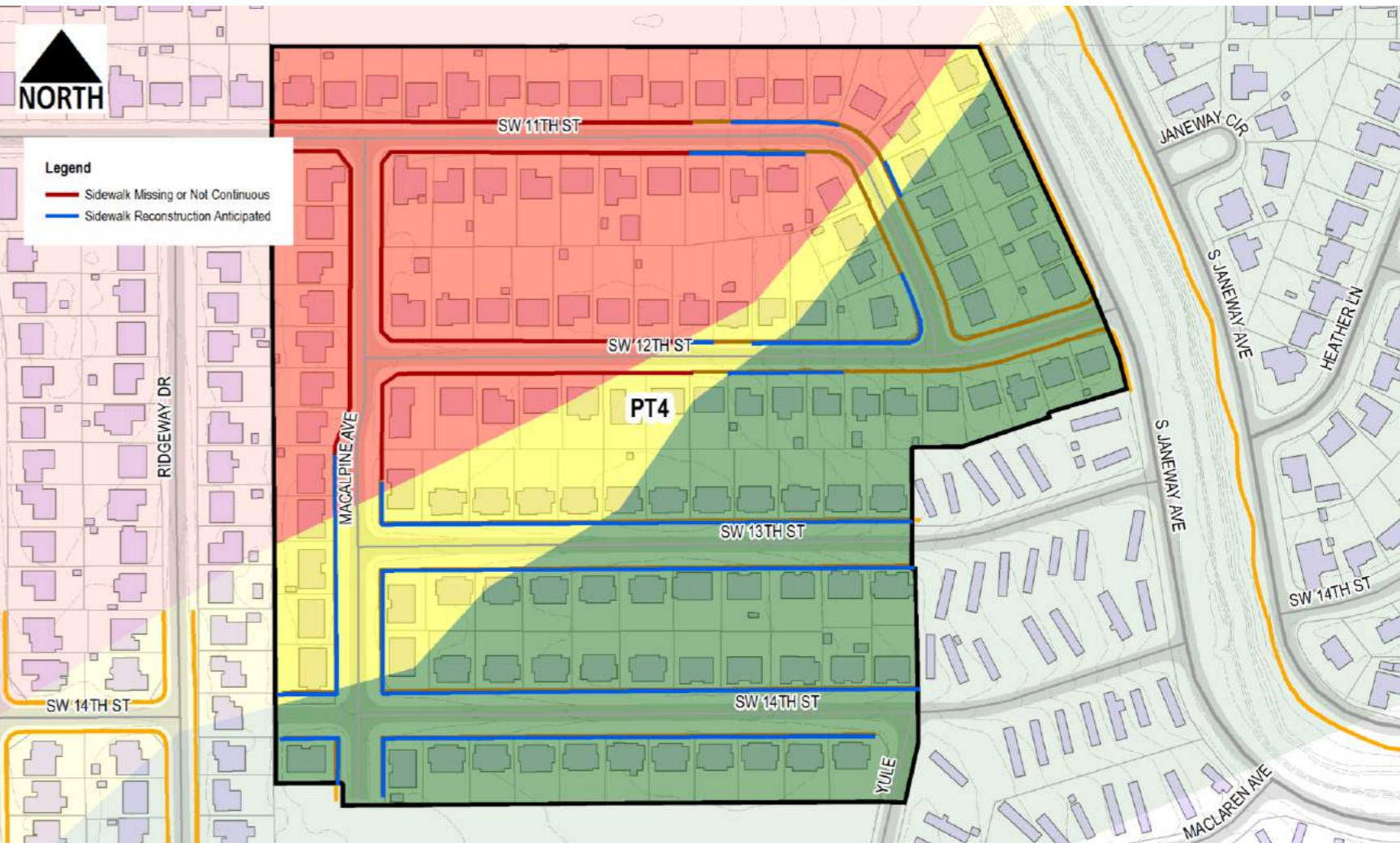
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	8136	0.77	5.00	3.84
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	10580	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				6.84

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	713	0.11	10.00	1.08
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1440	0.22	5.00	1.09
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4447	0.67	2.00	1.35
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.52

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	1	0.25	0.25
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	71	0.25	17.75
SW5 - obstructions present	2	0.25	0.50	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	8	0.25	2.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	6	0.25	1.50	SW15- not ADA compliant at intersection	0	0.25	0.00

Condition Score 22.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT4: RECONSTRUCTION OF ALL SIDEWALKS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **87.17**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	26465			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	213	0.01	2.00	0.02
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	24286	0.92	6.00	5.51
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	21857	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	2429	0.1	1.00	0.10
Background Score				10.12

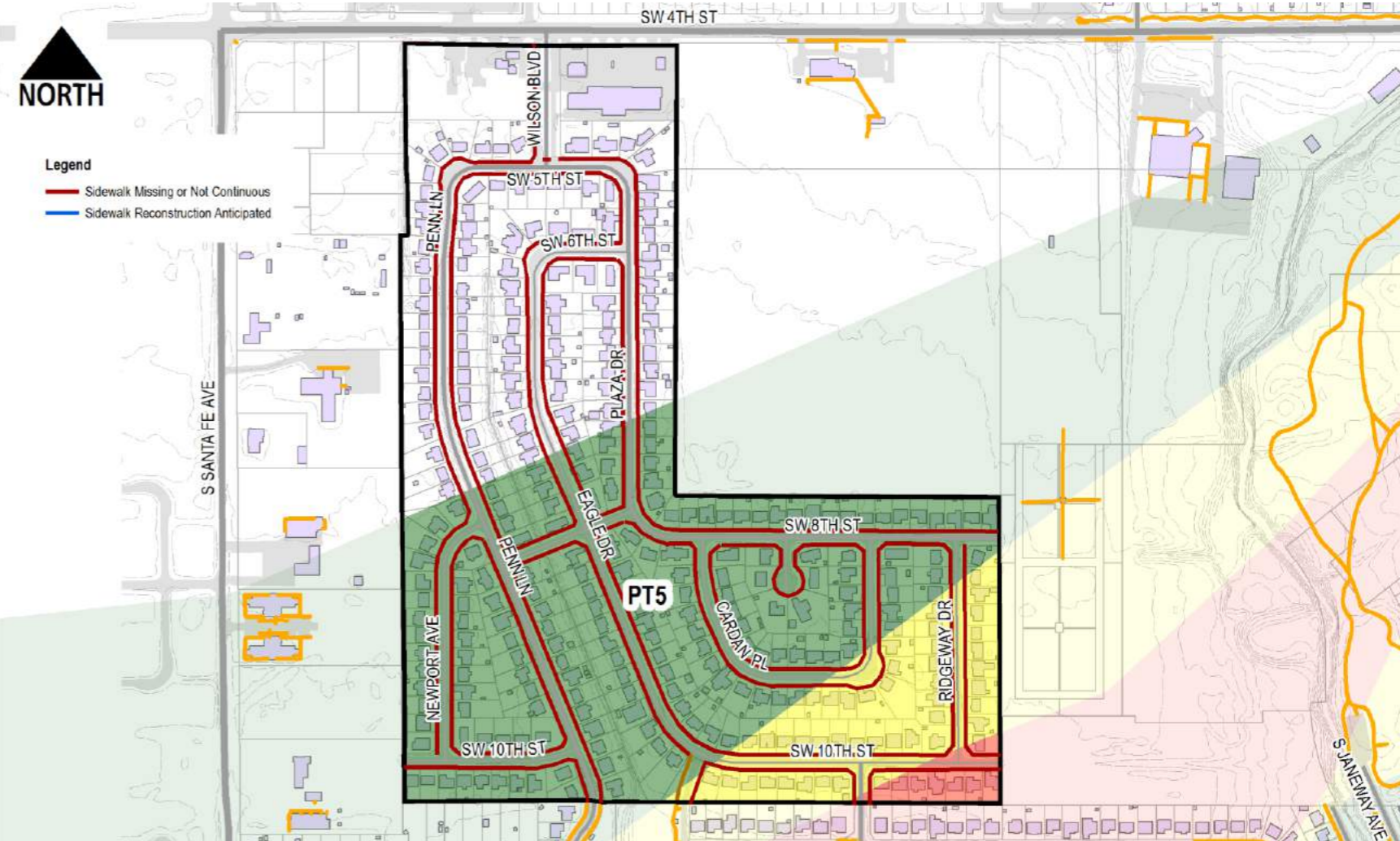
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	19157	0.72	5.00	3.62
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	13181	0.50	3.00	1.49
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				5.11

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	50	0.23	5.00	1.17
Length within EF0 to EF2 Damage Area prior to disaster (ft)	162	0.76	2.00	1.52
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				2.69

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	1	0.25	0.25
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	1	0.25	0.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 1.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT5: CONSTRUCTION OF NEW SIDEWALKS IN ALL PUBLIC ROAD CORRIDORS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **63.93**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

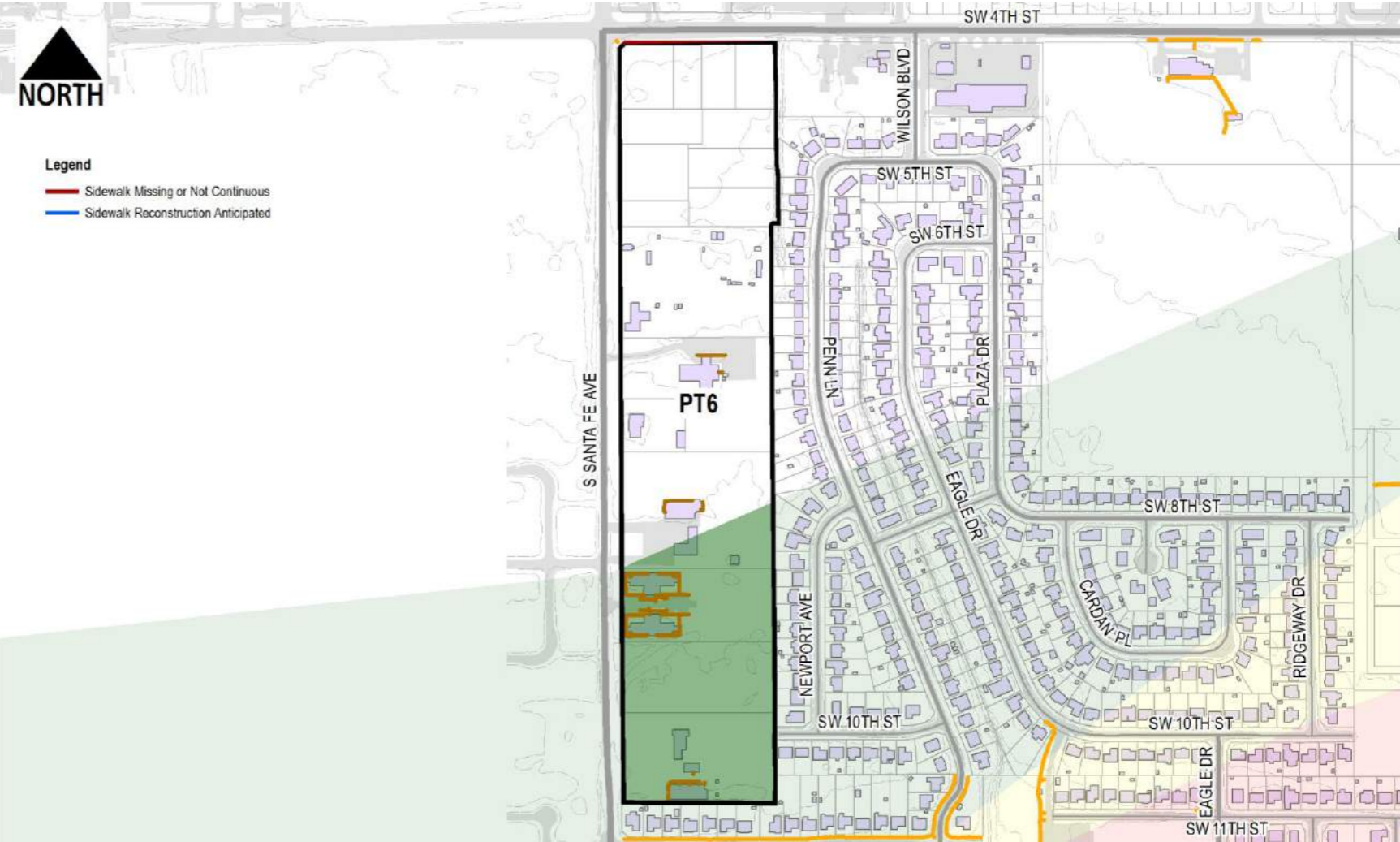
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1443	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	293	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **4.85**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area: Rock Creek
 Assessment Sub-Area: RC2
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

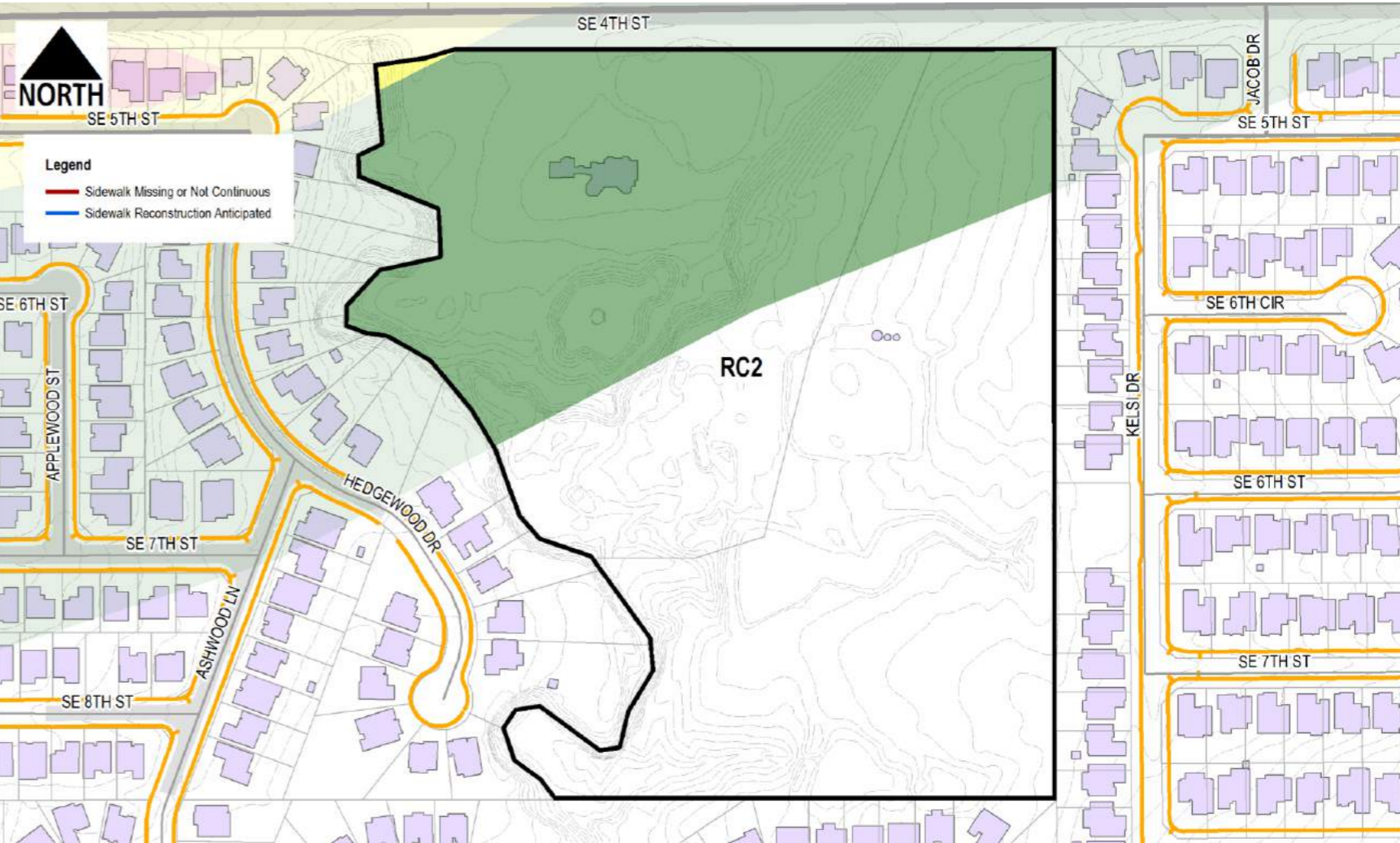
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Rock Creek
 Assessment Sub-Area RC2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **4.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue

Assessment Sub-Area SF1

Infrastructure Category Sidewalks

Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	5586			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4837	0.87	2.00	1.73
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				6.73

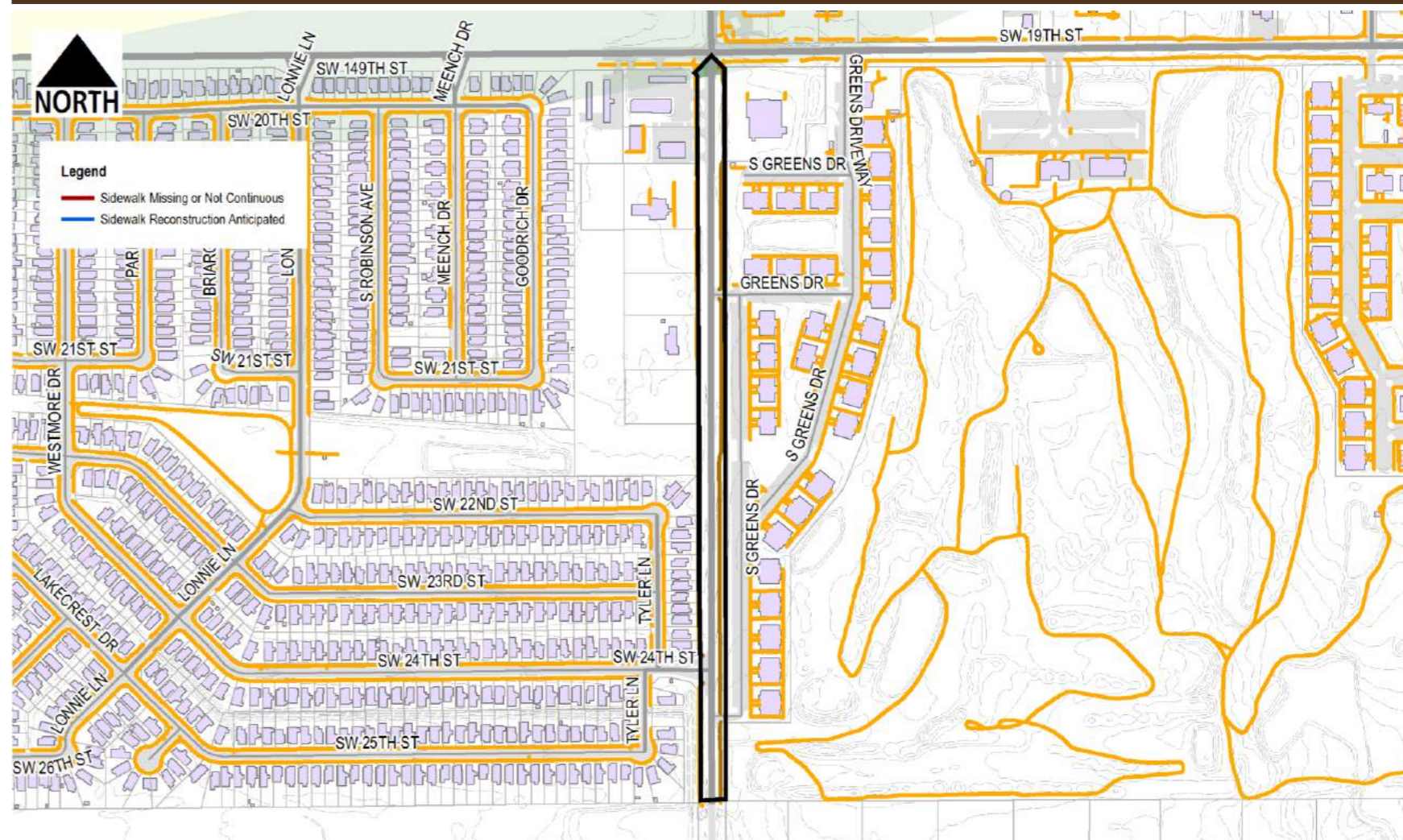
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	2842	0.51	4.00	2.04
Length within 0.25-mi of Park (ft)	5391	0.97	3.00	2.90
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				4.93

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	92	0.02	2.00	0.04
Length Outside Damage Area prior to Disaster (ft)	4745	0.98	1.00	0.98
Damage Score				1.02

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	4	0.25	1.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							1.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
Assessment Sub-Area SF1
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **13.93**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11033			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	469	0.04	2.00	0.09
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3963	0.36	6.00	2.16
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3963	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.24

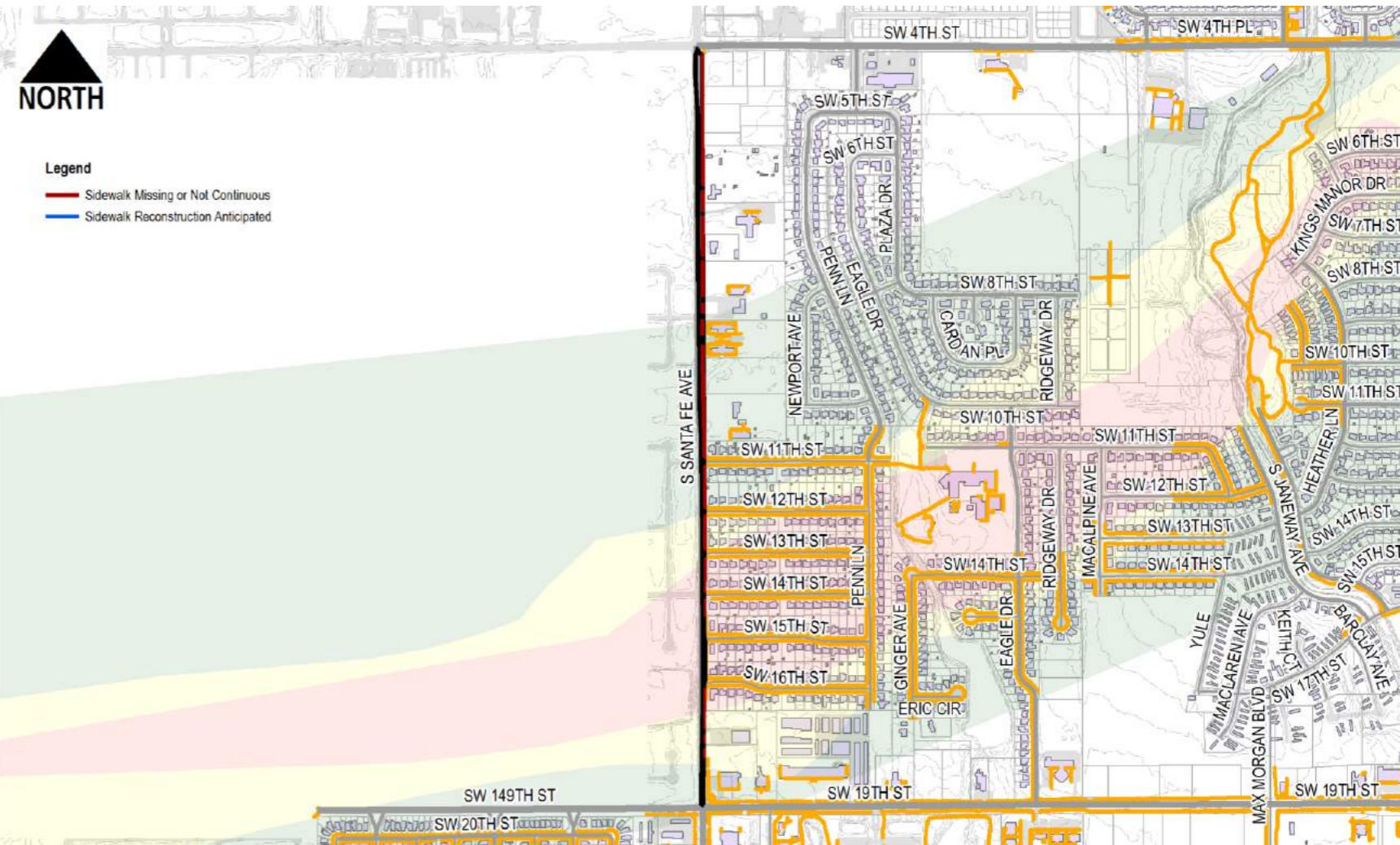
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	2296	0.21	5.00	1.04
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	1304	0.12	3.00	0.35
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				1.40

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	466	0.99	10.00	9.94
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3	0.01	5.00	0.03
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				9.97

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
Assessment Sub-Area SF2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Southmoor
Assessment Sub-Area SM1
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

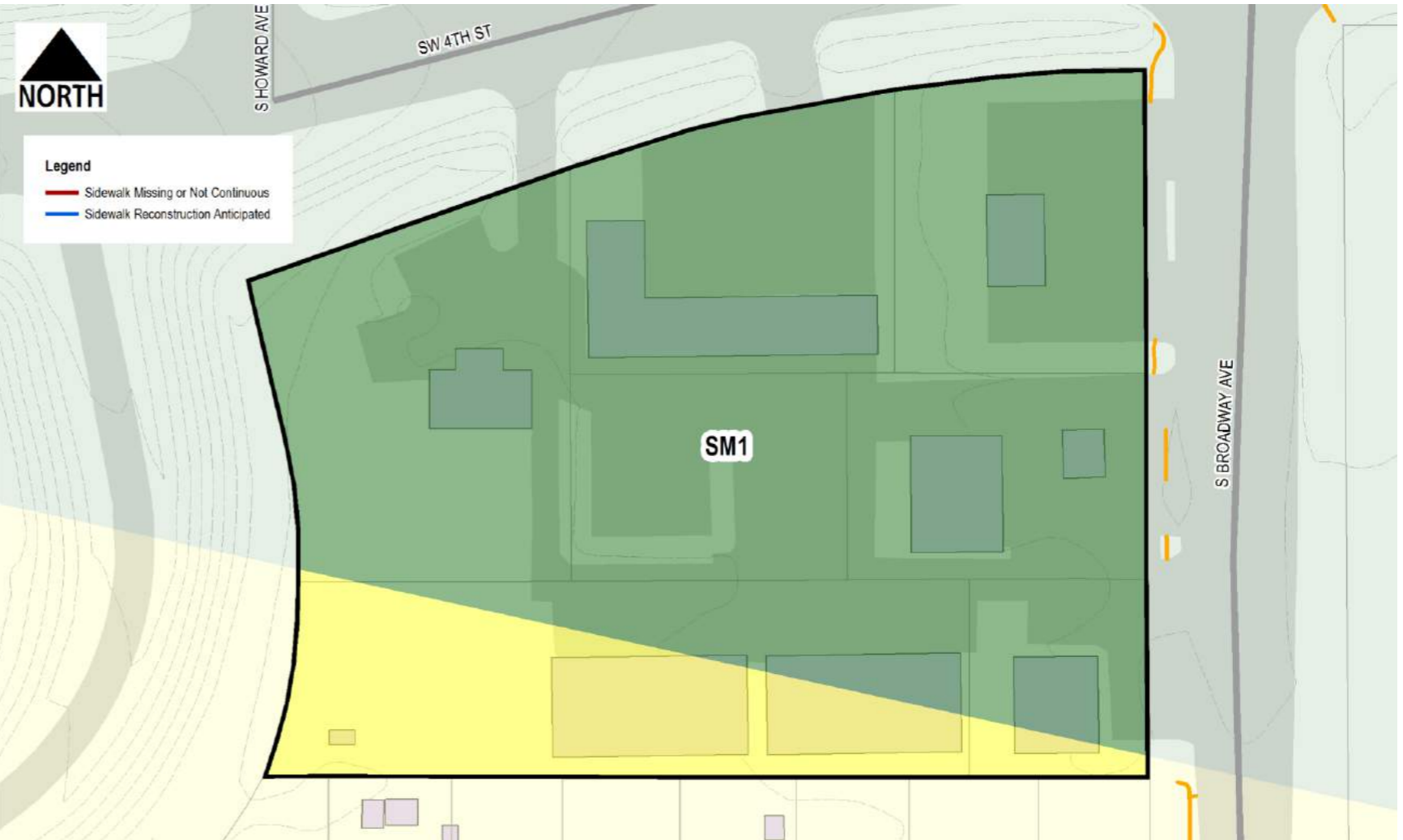
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **34.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	22346			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	21206	0.95	6.00	5.69
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	19085	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	2121	0.1	1.00	0.10
Background Score				10.29

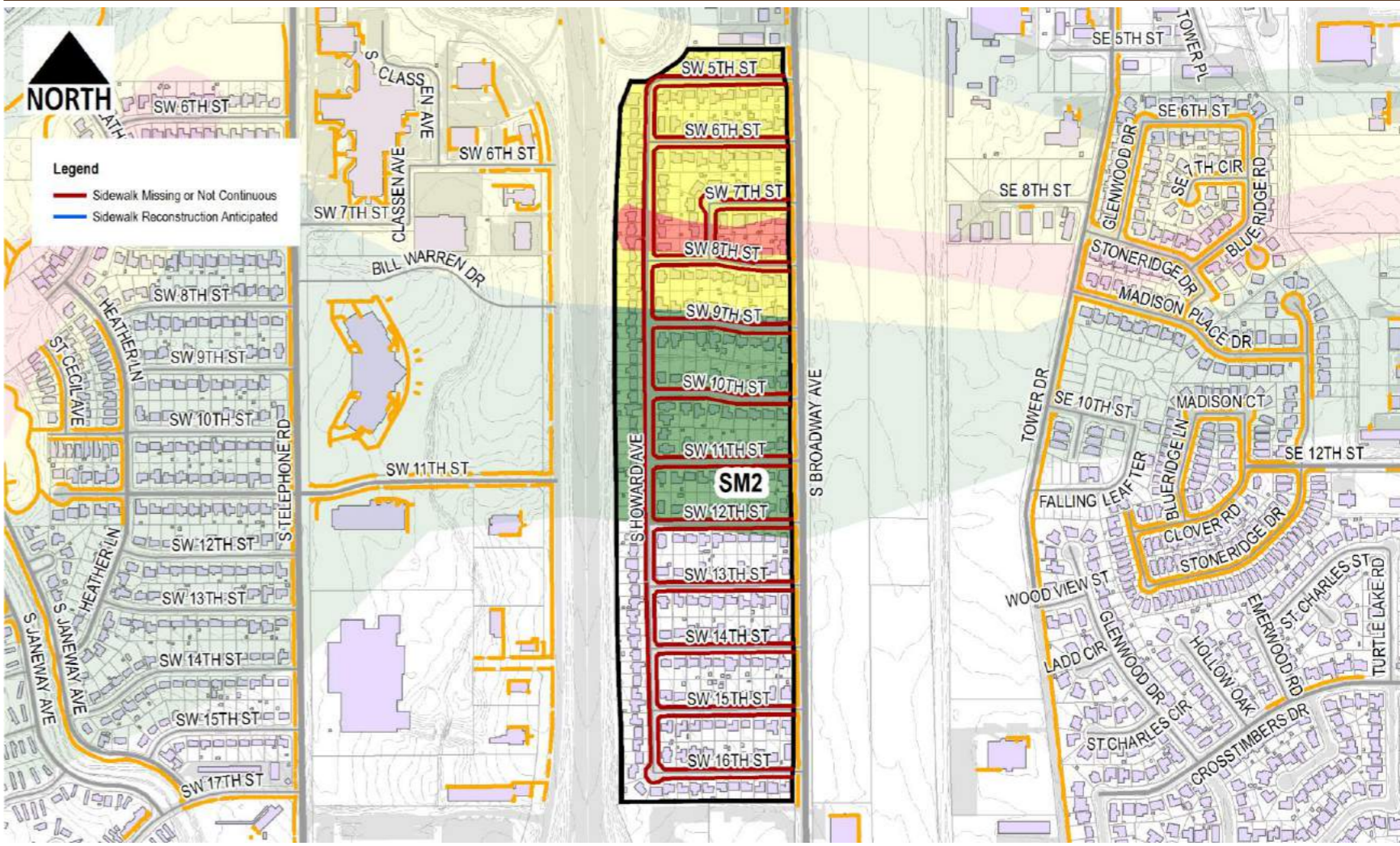
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	22346	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	1775	0.08	1.00	0.08
Proximity Score				1.08

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA SM2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.37**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

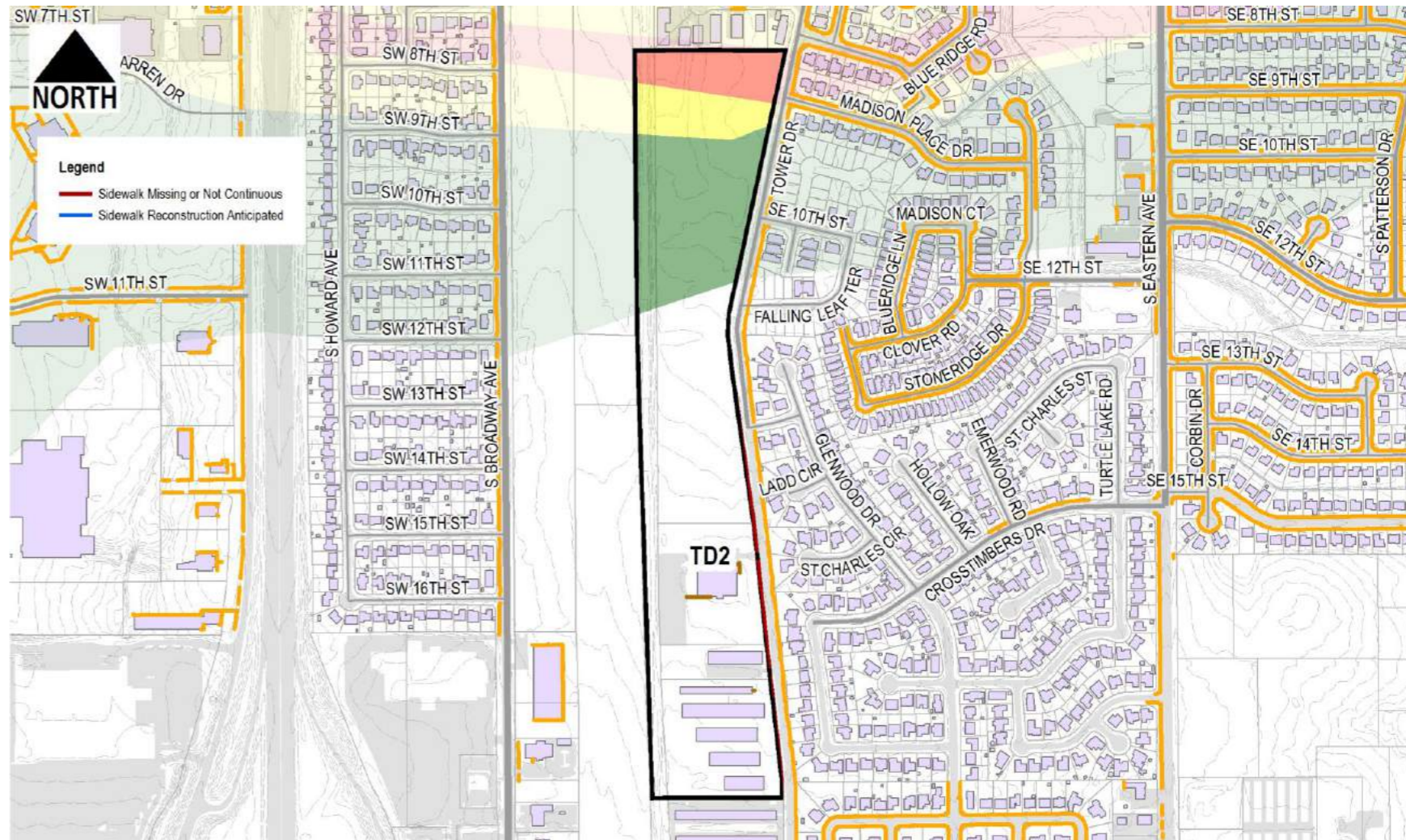
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	274	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **4.60**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	1491			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	1260	0.85	2.00	1.69
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	295	0.20	6.00	1.19
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	266	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	30	0.1	1.00	0.10
Background Score				7.48

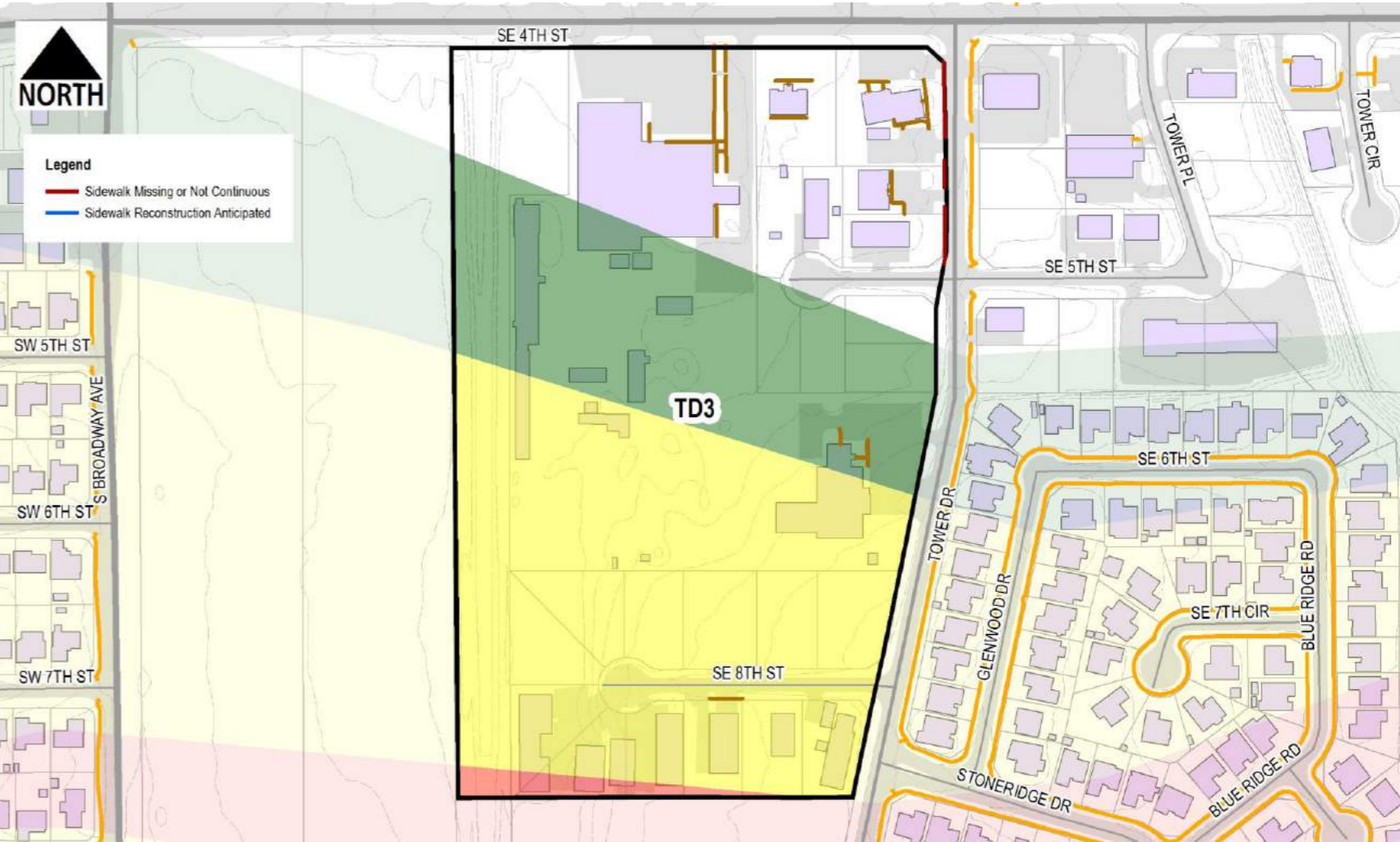
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	332	0.22	3.00	0.67
Length within 0.25-mi of Community Center (ft)	1491	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				1.67

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	57	0.05	5.00	0.23
Length within EF0 to EF2 Damage Area prior to disaster (ft)	94	0.07	2.00	0.15
Length Outside Damage Area prior to Disaster (ft)	1109	0.88	1.00	0.88
Damage Score				1.26

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD3
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **10.40**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Telephone Road
Assessment Sub-Area TP1
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	12036			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4131	0.34	2.00	0.69
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3414	0.28	6.00	1.70
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3414	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.39

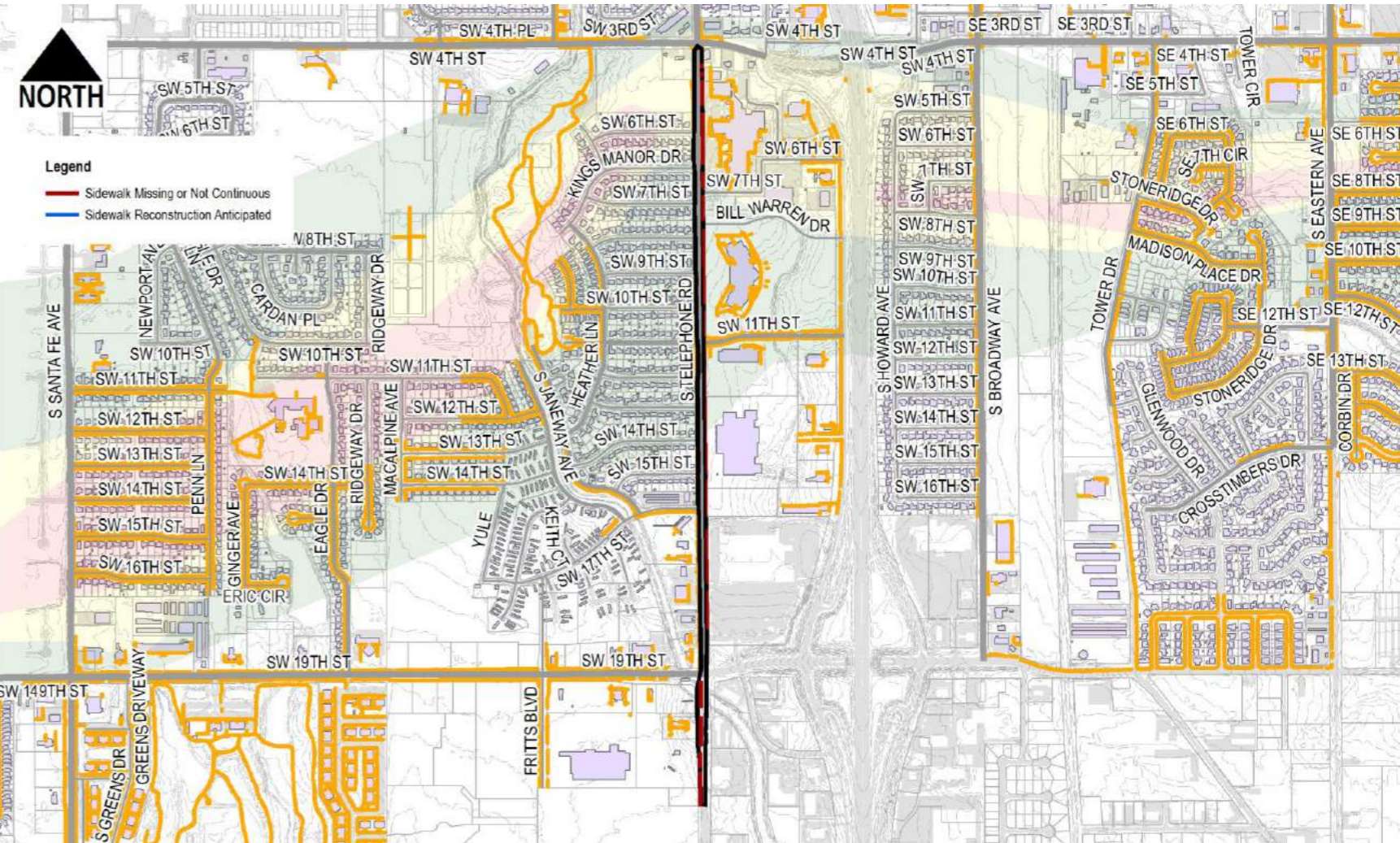
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	7699	0.64	3.00	1.92
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				1.92

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	617	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1987	0.48	2.00	0.96
Length Outside Damage Area prior to Disaster (ft)	1528	0.37	1.00	0.37
Damage Score				2.08

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	6	0.25	1.50	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	6	0.25	1.50	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	1	0.25	0.25
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	7	0.25	1.75

Condition Score 5.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.64**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive

Assessment Sub-Area TW1

Infrastructure Category Sidewalks

Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	6648			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4972	0.75	2.00	1.50
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3562	0.54	6.00	3.21
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3206	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	356	0.1	1.00	0.10
Background Score				9.31

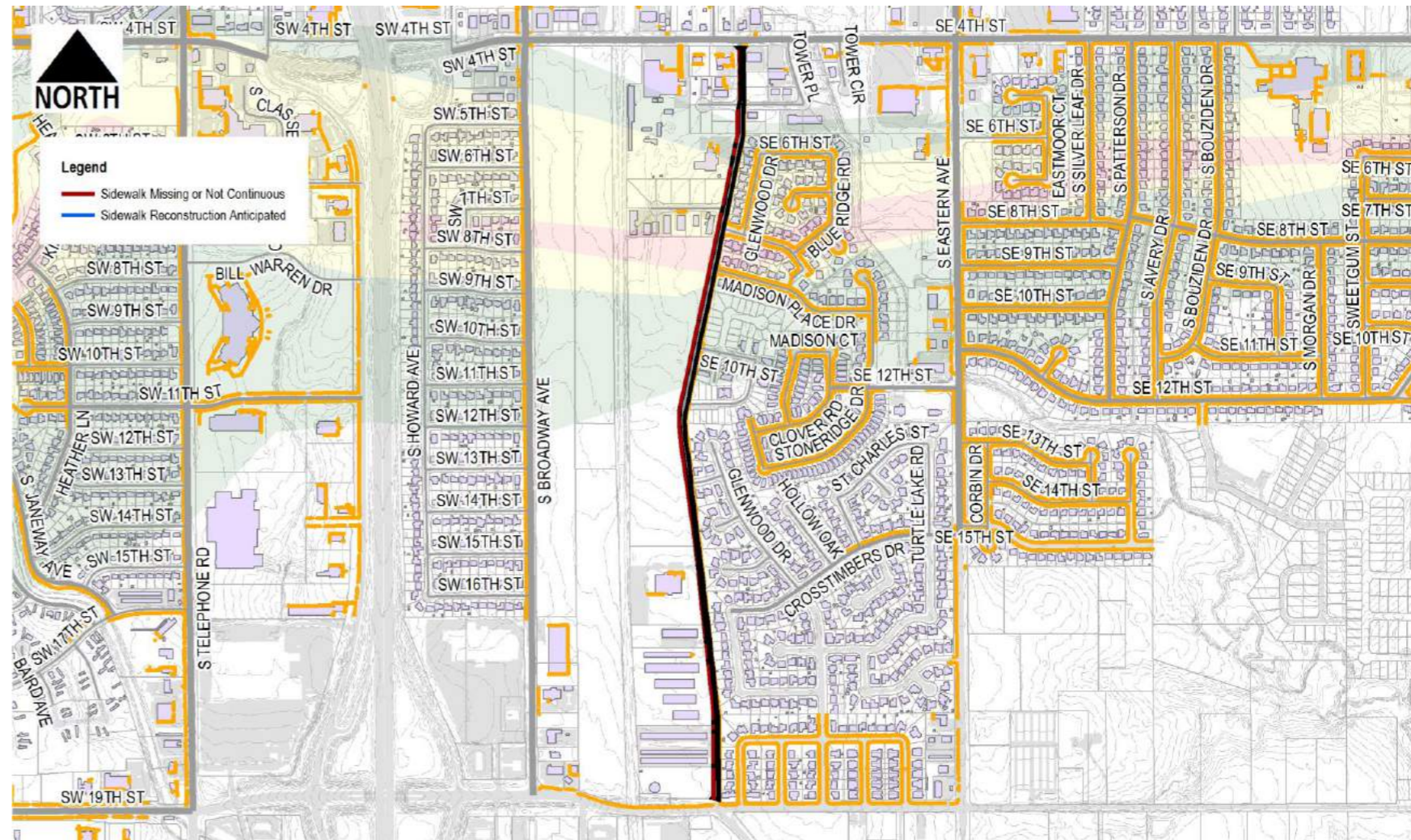
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	3800	0.57	3.00	1.71
Length within 0.25-mi of Community Center (ft)	6648	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.71

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	212	0.04	10.00	0.43
Length within EF2 to EF4 Damage Area prior to disaster (ft)	515	0.10	5.00	0.52
Length within EF0 to EF2 Damage Area prior to disaster (ft)	958	0.19	2.00	0.39
Length Outside Damage Area prior to Disaster (ft)	3287	0.66	1.00	0.66
Damage Score				1.99

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	3	0.25	0.75	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	9	0.25	2.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 3.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
Assessment Sub-Area TW1
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **47.02**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	8941			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	9196	1.03	2.00	2.06
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	223	0.02	6.00	0.15
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	201	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	22	0.1	1.00	0.10
Background Score				6.81

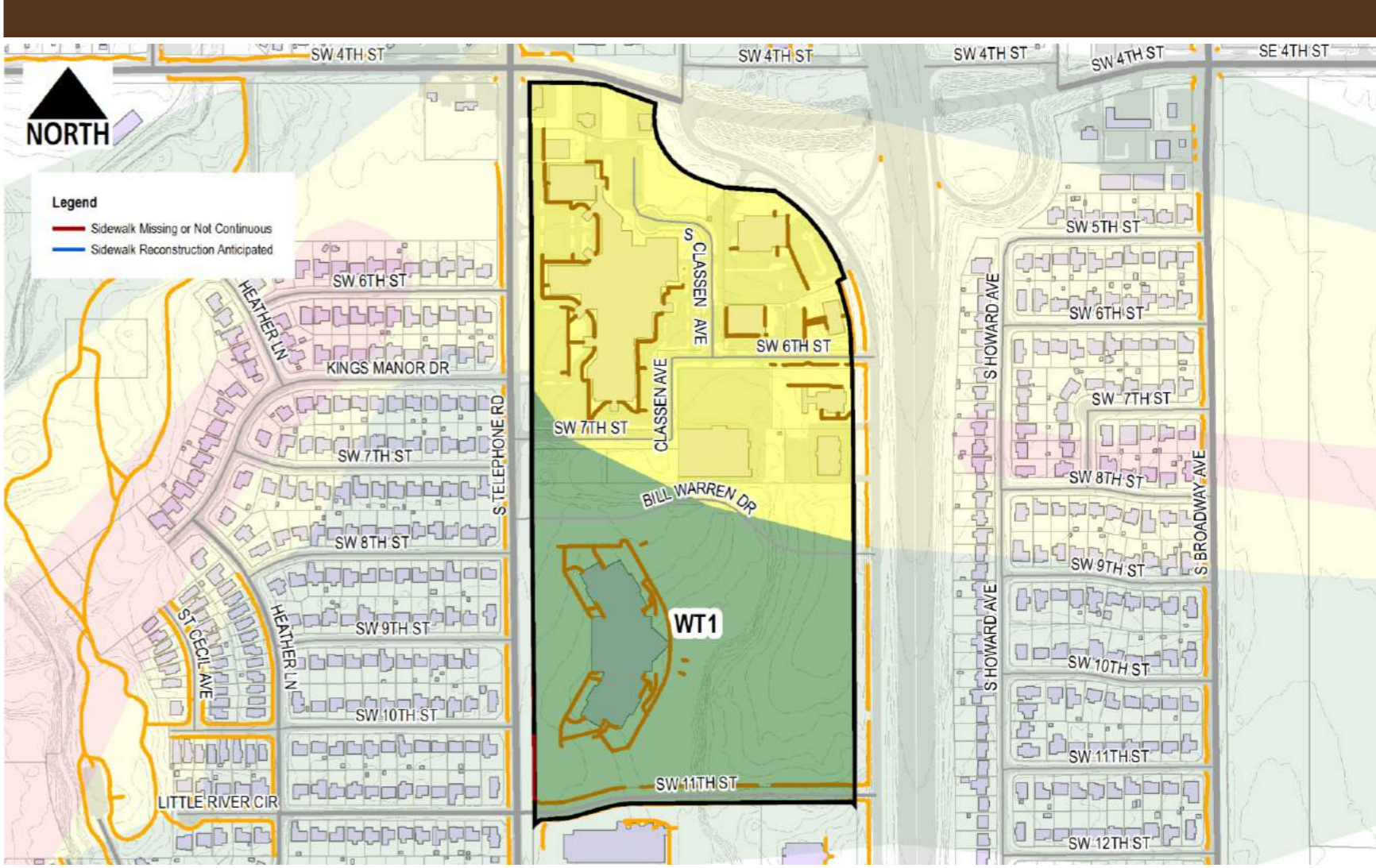
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	1608	0.18	3.00	0.54
Length within 0.25-mi of Community Center (ft)	2991	0.33	1.00	0.33
Length within 0.25-mi of Library (ft)	741	0.08	1.00	0.08
Proximity Score				0.96

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	4269	0.46	5.00	2.32
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4928	0.54	2.00	1.07
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.39

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	13	0.25	3.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	3	0.25	0.75

Condition Score 4.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.66**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

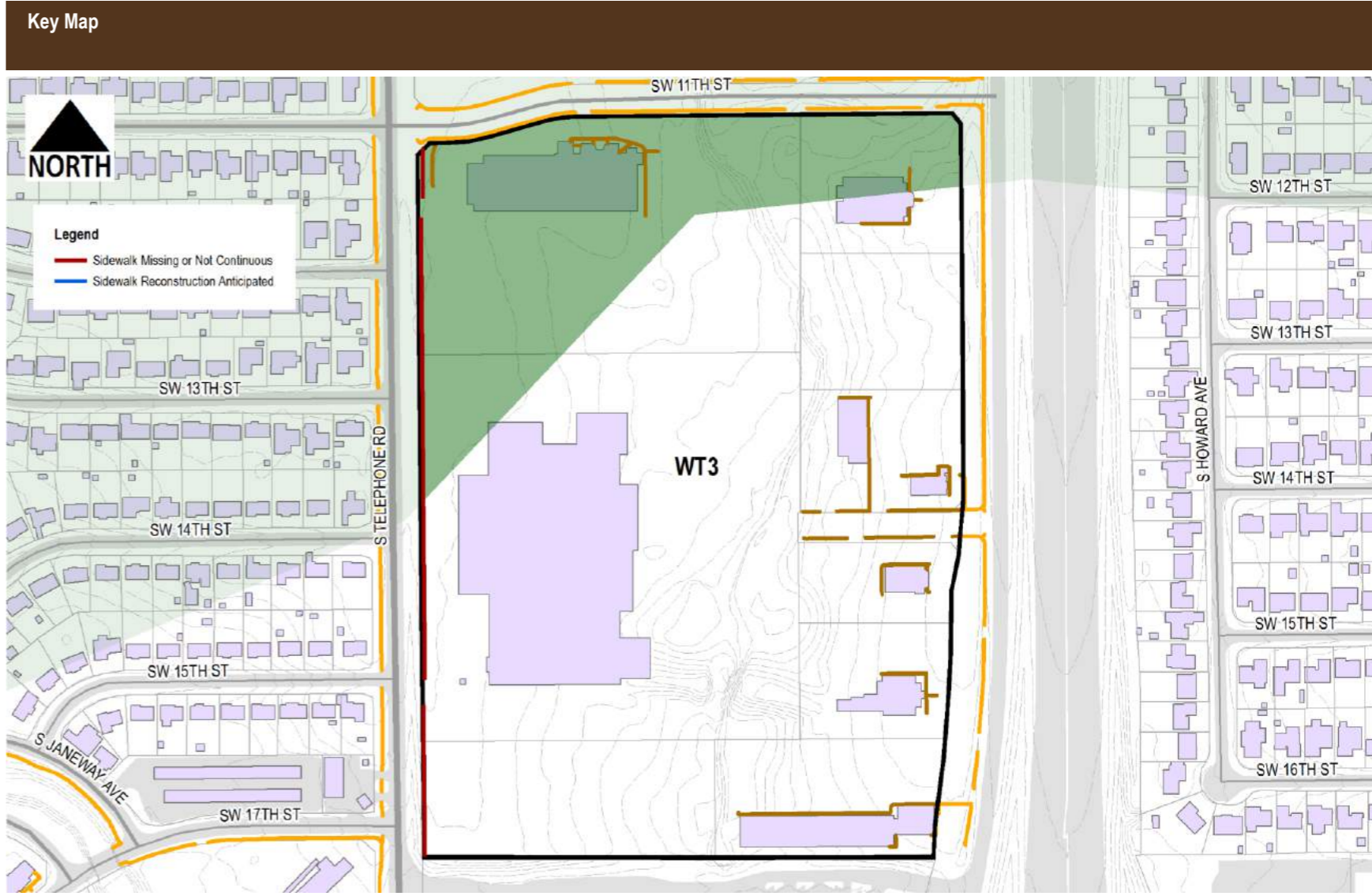
Assessment Area: Warren Theater
 Assessment Sub-Area: WT3
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data	
Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
			Background Score	4.60

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	505	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	2046	0.00	1.00	0.00
			Damage Score	0.00



Condition Analysis									
Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score		
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00		
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00		
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00		
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00		
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00		
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00		
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00		
							Condition Score	0.00	



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **19.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue

Assessment Sub-Area BA1

Infrastructure Category Sanitary

Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1721			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	1645	0.96	10.00	9.56
Diameter 8-in to 12-in (ft)	77	0.04	5.00	0.22
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	911	0.53	10.00	5.29
Length of Unknown (ft)	810	0.47	5.00	2.35
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	288	0.17	5.00	0.84
10 to 15-years	139	0.08	4.00	0.32
less than 10-years	0	0.00	2.00	0.00
Unknown	1294	0.75	1.00	0.75

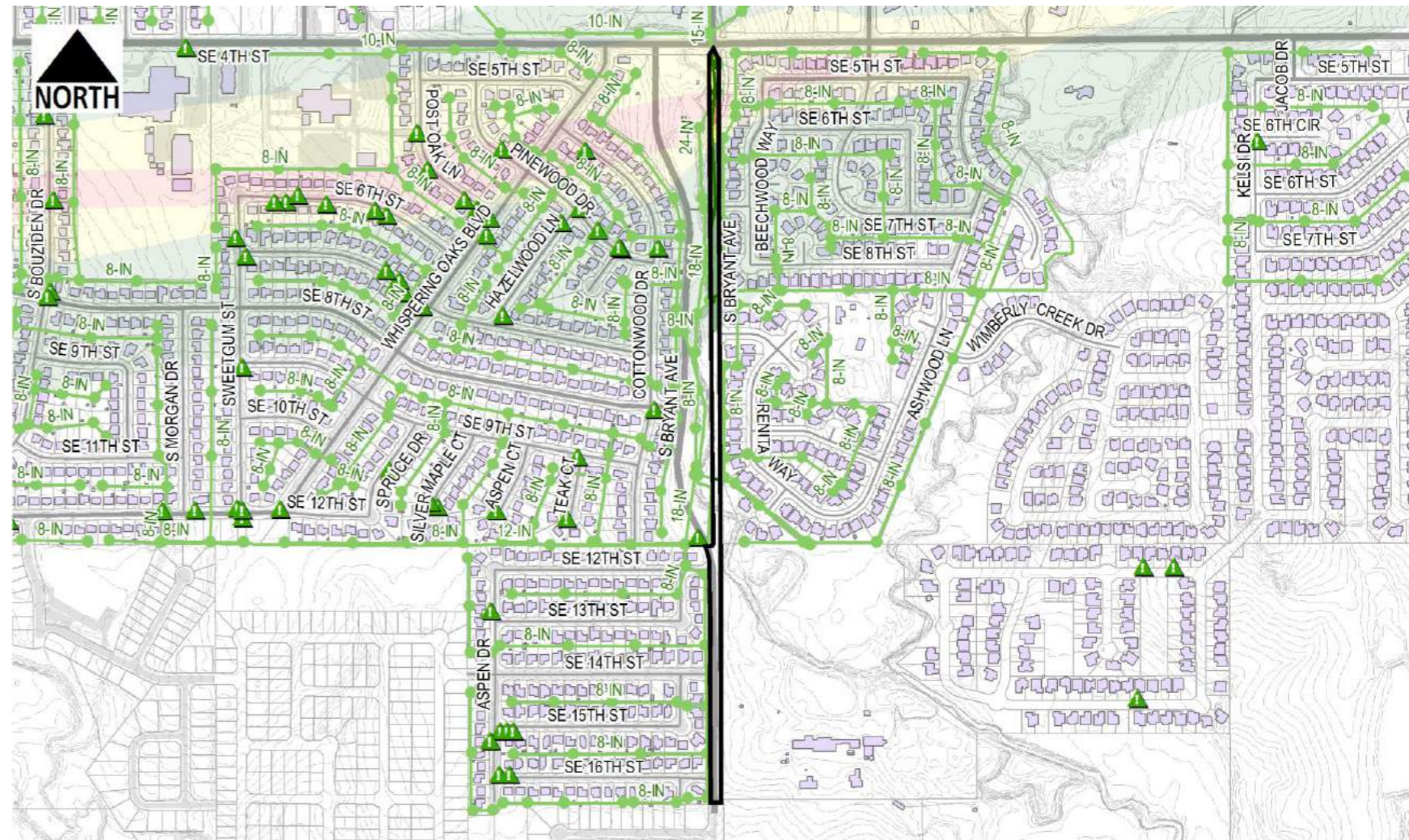
Background Score 21.34

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	320	0.19	10.00	1.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	564	0.33	5.00	1.64
Length within EF0 to EF2 Damage Area prior to disaster (ft)	679	0.39	2.00	0.79
Length Outside Damage Area prior to Disaster (ft)	158	0.09	1.00	0.09

Damage Score 4.38

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Rating Index (IRI) **25.72**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1866			
Total Sanitary Sewer Structures (ea)	7			
Line Size				
Diameter 12-in or greater (ft)	1062	0.57	10.00	5.69
Diameter 8-in to 12-in (ft)	804	0.43	5.00	2.15
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	53	0.03	10.00	0.28
Length of Unknown (ft)	1813	0.97	5.00	4.86
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	608	0.33	10.00	3.26
15 to 20-years	1120	0.60	5.00	3.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	138	0.07	1.00	0.07
Background Score				21.32

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	181	0.10	5.00	0.48
Length within EF0 to EF2 Damage Area prior to disaster (ft)	595	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	1089	0.58	1.00	0.58
Damage Score				1.71

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.03**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Broadway Avenue
 Assessment Sub-Area: BR1
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	0			
Total Sanitary Sewer Structures (ea)	0			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	0	0.00	5.00	0.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				0.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	9	0.25	2.25
Condition Score			2.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Broadway Avenue
 Assessment Sub-Area BR1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)		0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Rating Index (IRI) **2.25**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

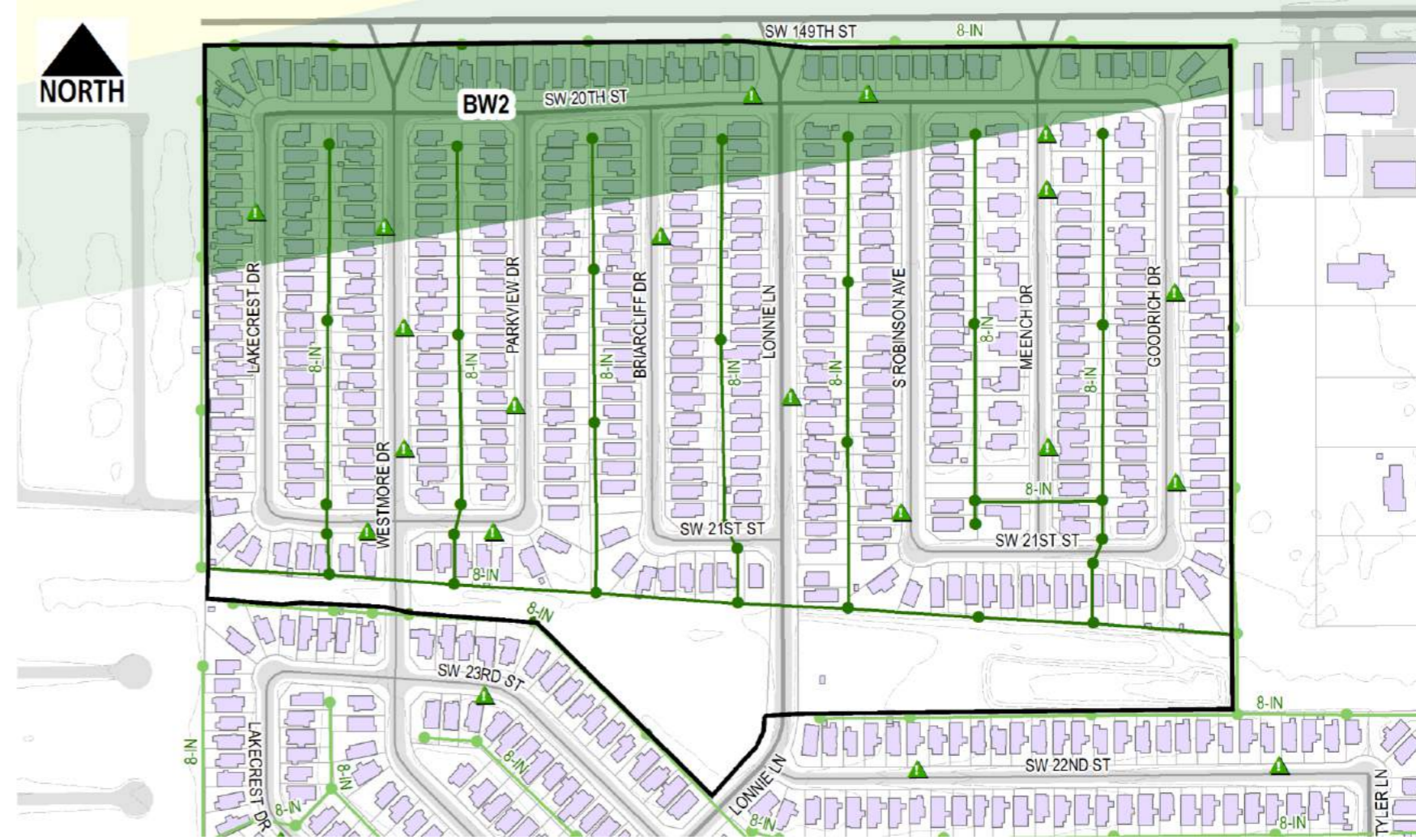
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	11055			
Total Sanitary Sewer Structures (ea)	42			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	11055	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	11055	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	21	0.50	2.00	1.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	21	0.50	5.00	2.50
Age				
More than 20-years	9135	0.83	10.00	8.26
15 to 20-years	1263	0.11	5.00	0.57
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	657	0.06	1.00	0.06
Background Score				22.39

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1863	0.17	2.00	0.34
Length Outside Damage Area prior to Disaster (ft)	9192	0.83	1.00	0.83
Damage Score				1.17

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	4	0.25	1.00
SS4 - Future service connection anticipated	11	0.25	2.75
SS6 - Maintenance event (2004 - 2014)	20	0.25	5.00
Condition Score			8.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	173	0.02	10.00	0.16
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.16

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA BW2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **57.47**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue

Assessment Sub-Area EA1

Infrastructure Category Sanitary

Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1229			
Total Sanitary Sewer Structures (ea)	7			
Line Size				
Diameter 12-in or greater (ft)	841	0.68	10.00	6.84
Diameter 8-in to 12-in (ft)	387	0.31	5.00	1.57
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1229	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	766	0.62	10.00	6.23
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	463	0.38	1.00	0.38

Background Score 22.03

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	213	0.17	10.00	1.73
Length within EF2 to EF4 Damage Area prior to disaster (ft)	139	0.11	5.00	0.57
Length within EF0 to EF2 Damage Area prior to disaster (ft)	380	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	496	0.40	1.00	0.40

Damage Score 3.32

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	1	0.25	0.25

Condition Score 0.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1229	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.60**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

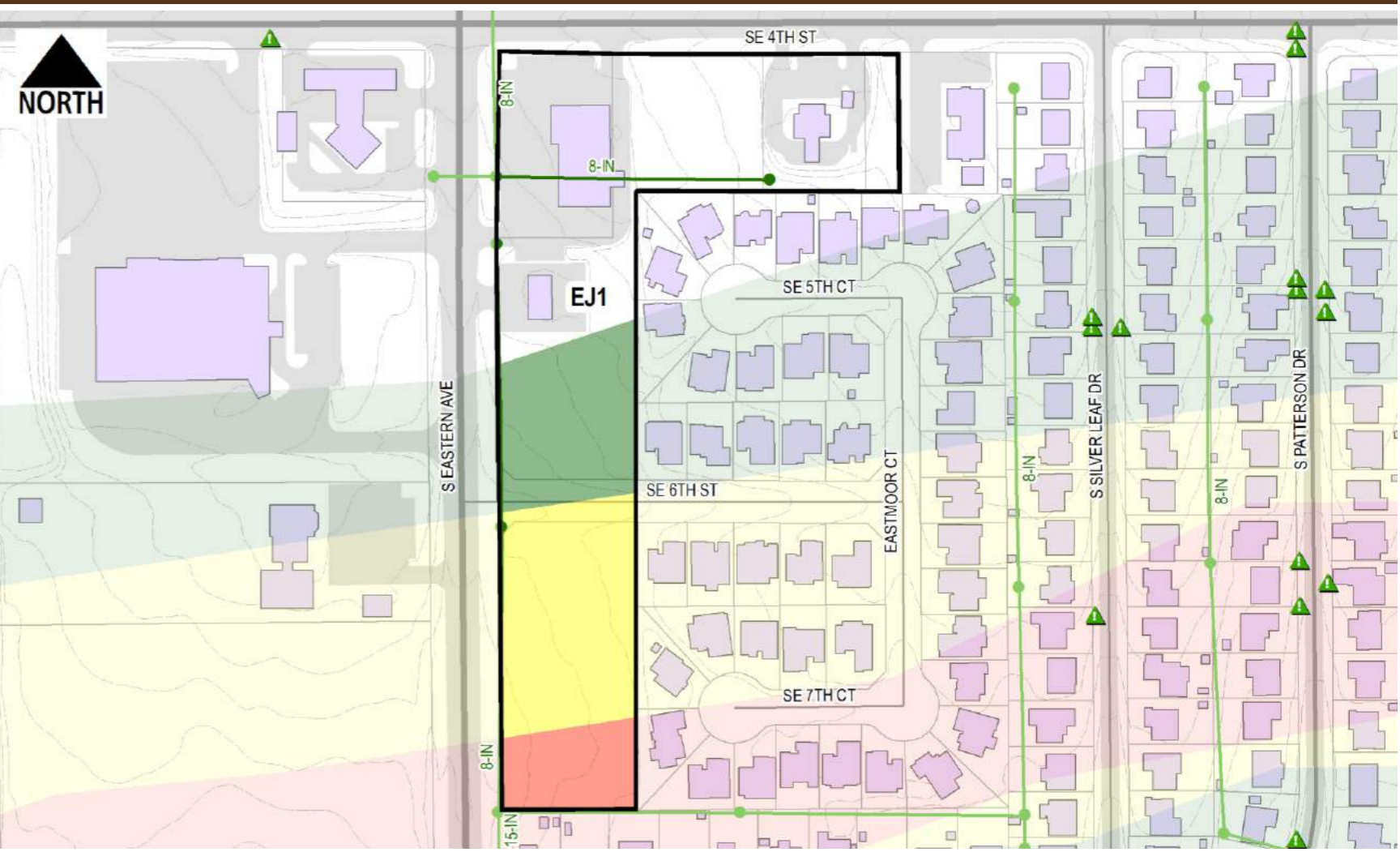
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1241			
Total Sanitary Sewer Structures (ea)	4			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	1241	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1241	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	0.50	2.00	1.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	2	0.50	5.00	2.50
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	96	0.08	4.00	0.31
less than 10-years	0	0.00	2.00	0.00
Unknown	1145	0.92	1.00	0.92
Background Score				14.73

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	39	0.03	10.00	0.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	321	0.26	5.00	1.29
Length within EF0 to EF2 Damage Area prior to disaster (ft)	211	0.17	2.00	0.34
Length Outside Damage Area prior to Disaster (ft)	671	0.54	1.00	0.54
Damage Score				2.49

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1241	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety

Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
No Projects Available	0.00	0.00	0.00

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

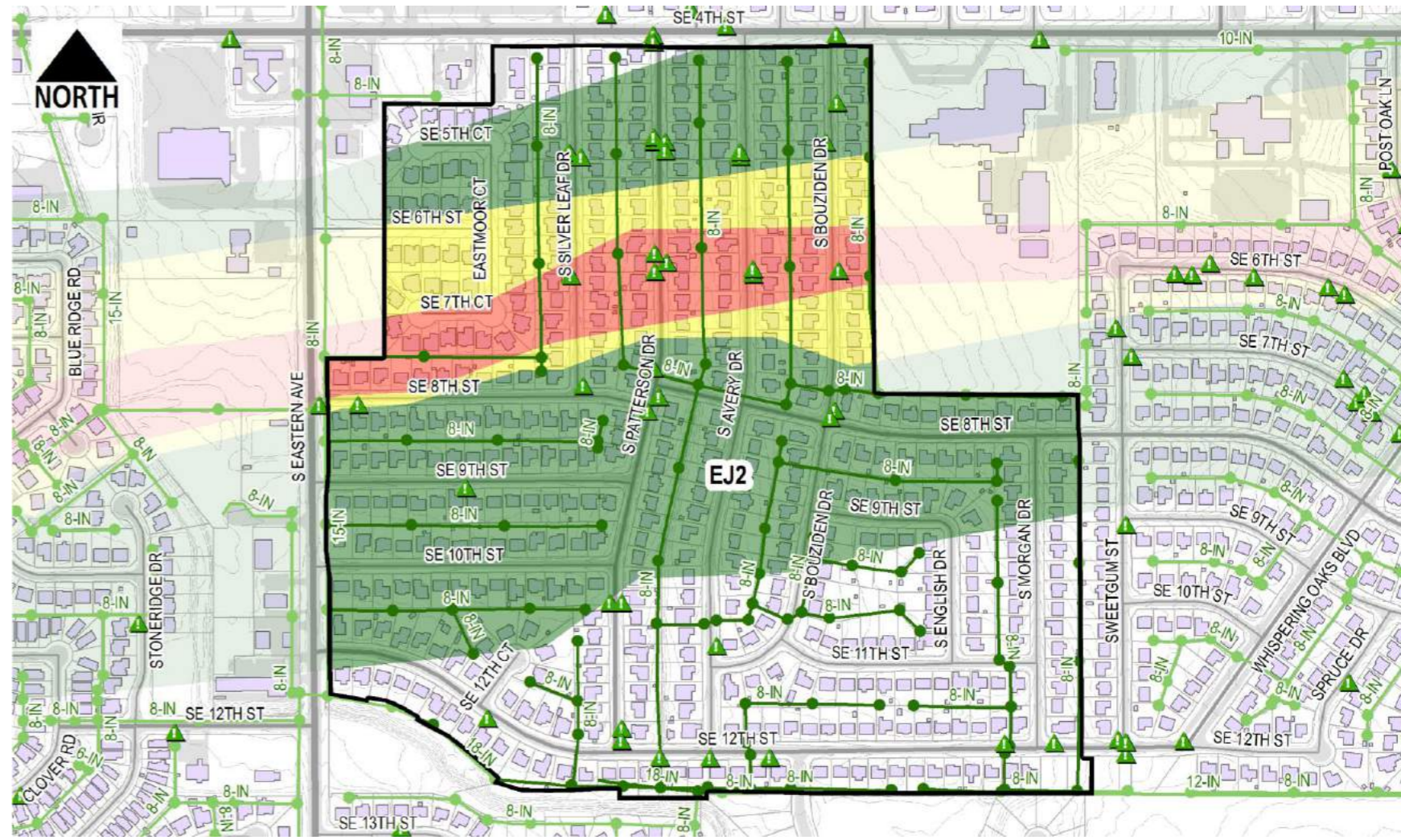
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	22715			
Total Sanitary Sewer Structures (ea)	101			
Line Size				
Diameter 12-in or greater (ft)	2104	0.09	10.00	0.93
Diameter 8-in to 12-in (ft)	20610	0.91	5.00	4.54
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	22715	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	93	0.92	2.00	1.84
Structures within "Moderate Concrete Corrosion Potential" (ea)	8	0.08	5.00	0.40
Age				
More than 20-years	22691	1.00	10.00	9.99
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	23	0.00	1.00	0.00
Background Score				22.69

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1961	0.09	10.00	0.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1779	0.08	5.00	0.39
Length within EF0 to EF2 Damage Area prior to disaster (ft)	9847	0.43	2.00	0.87
Length Outside Damage Area prior to Disaster (ft)	9128	0.40	1.00	0.40
Damage Score				2.52

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	28	0.25	7.00
SS6 - Maintenance event (2004 - 2014)	44	0.25	11.00
Condition Score			18.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	22390	0.99	10.00	9.86
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.86

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **78.07**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

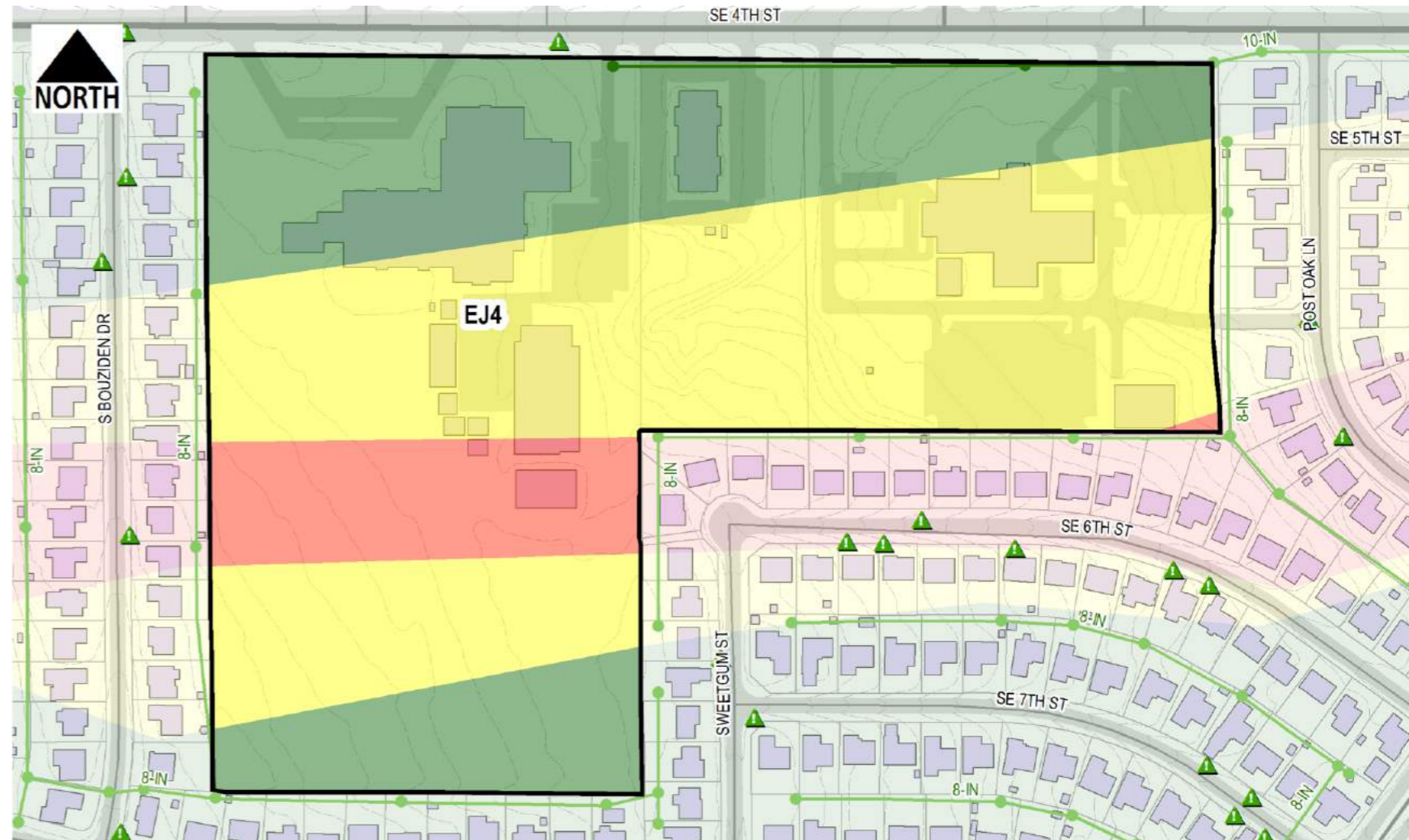
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1043			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	1043	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1043	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	6	0.01	10.00	0.06
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1038	1.00	1.00	1.00
Background Score				13.05

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1043	1.00	2.00	2.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				2.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1043	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **25.06**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ5
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	23812			
Total Sanitary Sewer Structures (ea)	140			
Line Size				
Diameter 12-in or greater (ft)	824	0.03	10.00	0.35
Diameter 8-in to 12-in (ft)	22988	0.97	5.00	4.83
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	23812	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	140	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	23674	0.99	10.00	9.94
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	138	0.01	1.00	0.01

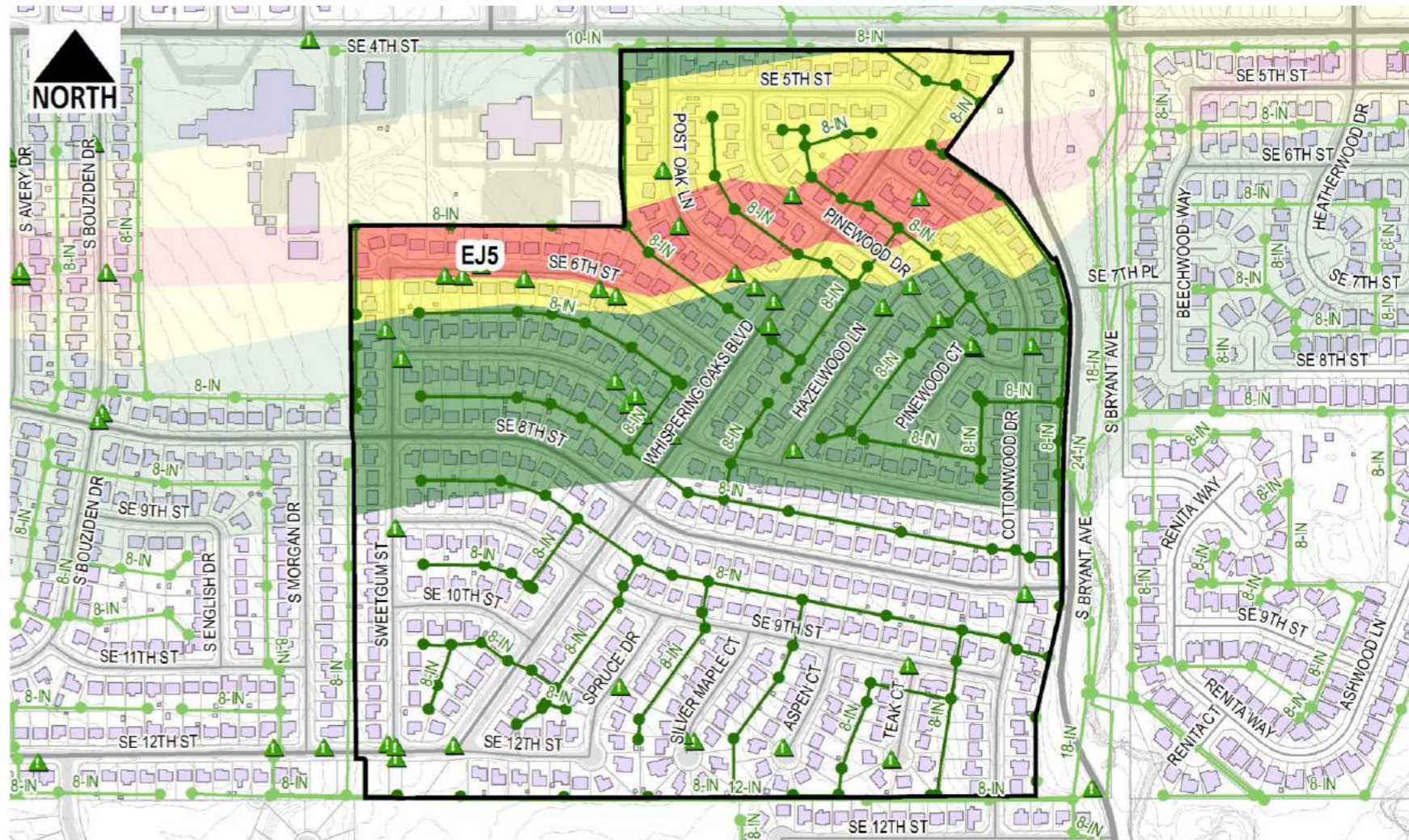
Background Score 22.12

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2748	0.12	10.00	1.15
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2690	0.11	5.00	0.56
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7249	0.30	2.00	0.61
Length Outside Damage Area prior to Disaster (ft)	11126	0.47	1.00	0.47

Damage Score 2.79

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	55	0.25	13.75
SS6 - Maintenance event (2004 - 2014)	54	0.25	13.50

Condition Score 27.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ5
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	9759	0.41	10.00	4.10
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				4.10

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ5: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **81.76**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	4132			
Total Sanitary Sewer Structures (ea)	12			
Line Size				
Diameter 12-in or greater (ft)	4113	1.00	10.00	9.95
Diameter 8-in to 12-in (ft)	19	0.00	5.00	0.02
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	1203	0.29	10.00	2.91
Length of Unknown (ft)	2929	0.71	5.00	3.54
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	12	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	2	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	4131	1.00	1.00	1.00

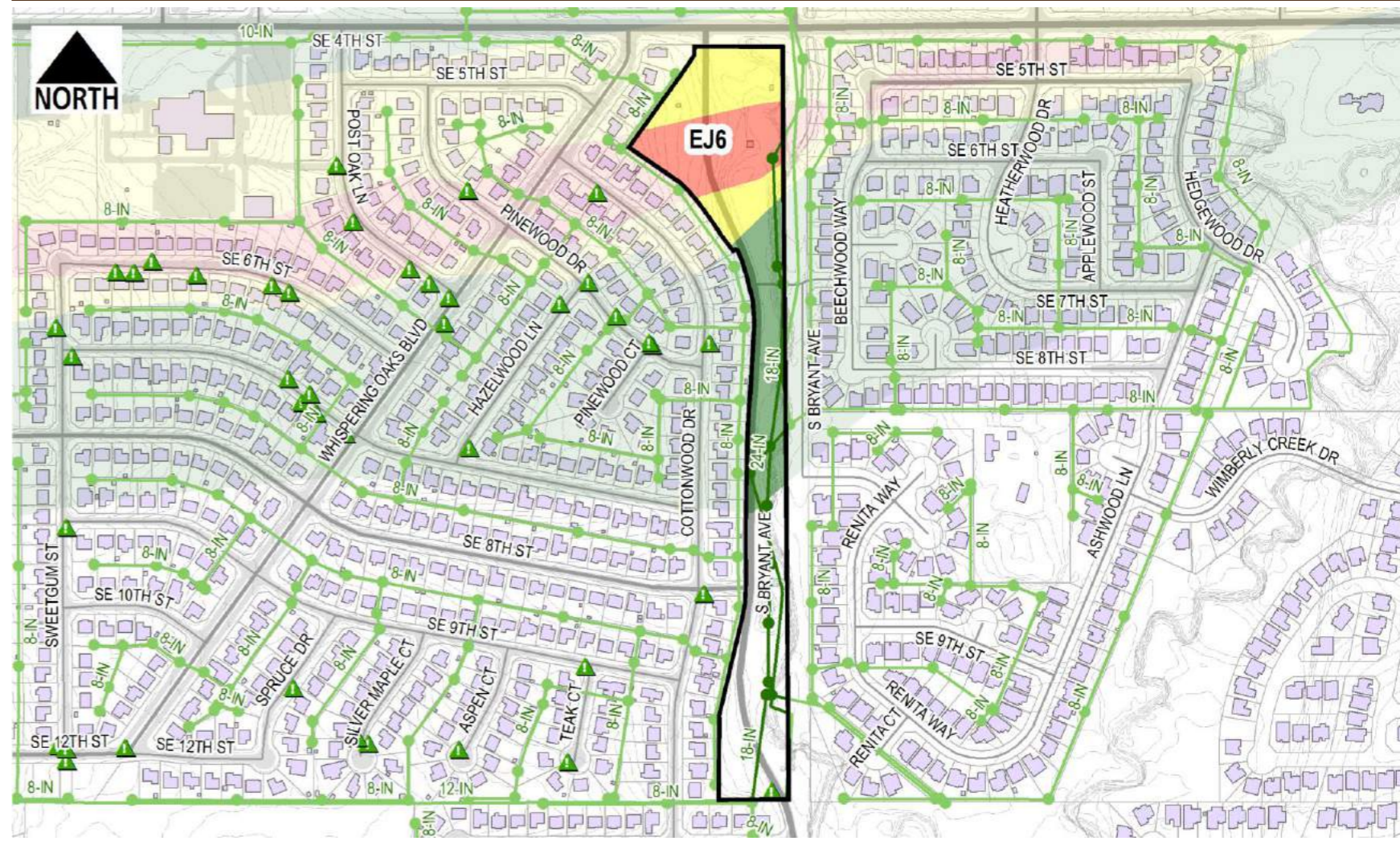
Background Score 19.44

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	130	0.03	10.00	0.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	113	0.03	5.00	0.14
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1581	0.38	2.00	0.77
Length Outside Damage Area prior to Disaster (ft)	2308	0.56	1.00	0.56

Damage Score 1.78

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	3	0.25	0.75
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	1	0.25	0.25

Condition Score 1.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ6: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **47.46**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Heatherwood
Assessment Sub-Area HW1
Infrastructure Category Sanitary
Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

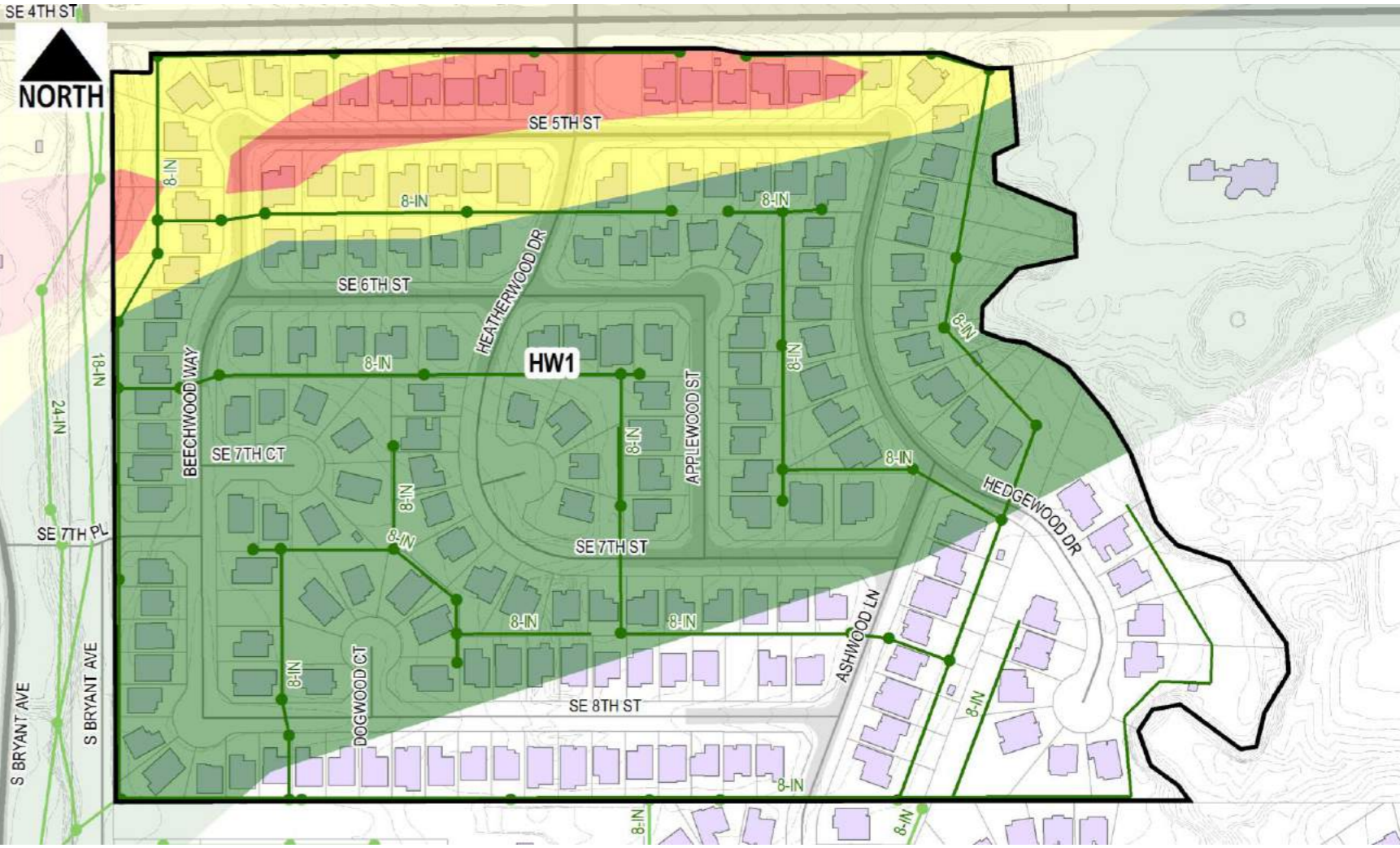
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	11687			
Total Sanitary Sewer Structures (ea)	53			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	11687	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	11687	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	53	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	4850	0.41	5.00	2.07
10 to 15-years	6837	0.59	4.00	2.34
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				16.41

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	494	0.04	10.00	0.42
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1944	0.17	5.00	0.83
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5818	0.50	2.00	1.00
Length Outside Damage Area prior to Disaster (ft)	3431	0.29	1.00	0.29
Damage Score				2.54

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA HW1: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.96**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Sanitary
Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

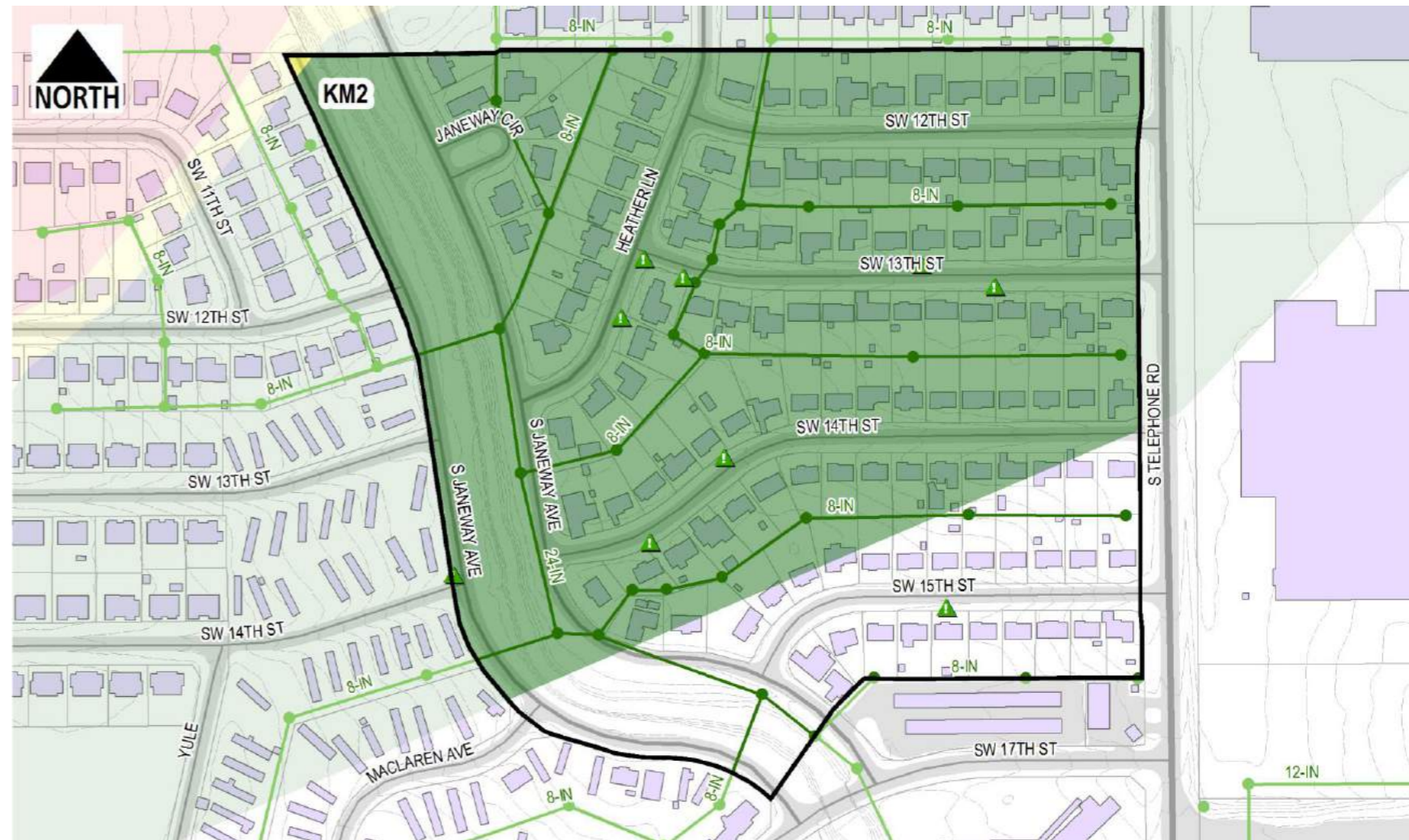
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	6167			
Total Sanitary Sewer Structures (ea)	30			
Line Size				
Diameter 12-in or greater (ft)	1563	0.25	10.00	2.53
Diameter 8-in to 12-in (ft)	4605	0.75	5.00	3.73
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	6167	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	30	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	6167	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				23.27

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4851	0.79	2.00	1.57
Length Outside Damage Area prior to Disaster (ft)	1316	0.21	1.00	0.21
Damage Score				1.79

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	3	0.25	0.75
SS2 - Brick manhole	6	0.25	1.50
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	11	0.25	2.75
Condition Score			5.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				10.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **65.05**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

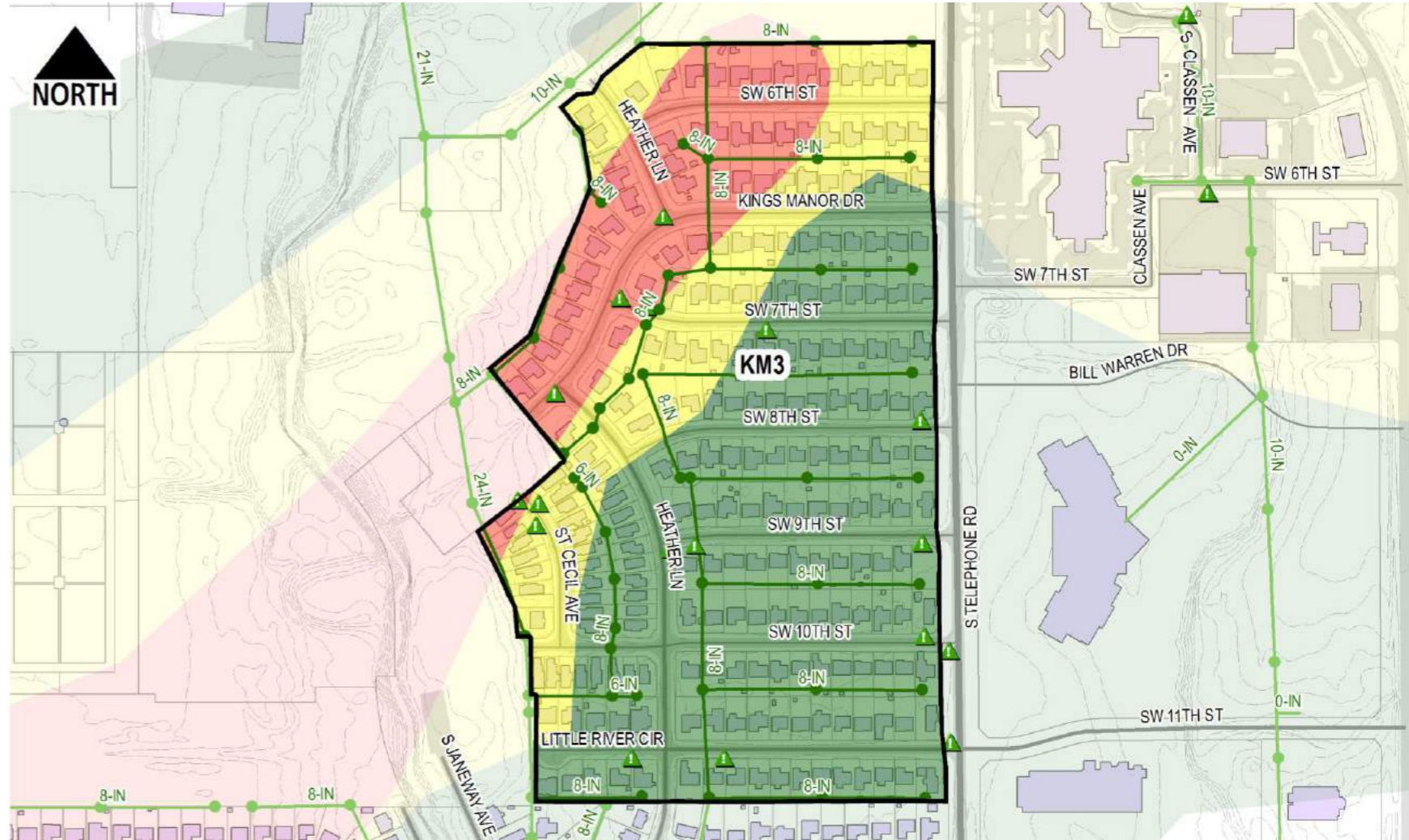
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	9983			
Total Sanitary Sewer Structures (ea)	50			
Line Size				
Diameter 12-in or greater (ft)	329	0.03	10.00	0.33
Diameter 8-in to 12-in (ft)	9554	0.96	5.00	4.79
Diameter 4-in to 6-in (ft)	101	0.01	1.00	0.01
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	9983	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	50	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	9983	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				22.12

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2305	0.23	10.00	2.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2421	0.24	5.00	1.21
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5257	0.53	2.00	1.05
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.57

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	3	0.25	0.75
SS4 - Future service connection anticipated	2	0.25	0.50
SS6 - Maintenance event (2004 - 2014)	17	0.25	4.25
Condition Score			5.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	7844	0.79	10.00	7.86
Length within 0.25-mi of Emergency Response Facility (ft)	7844	0.79	5.00	3.93
Proximity Score				11.79

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM3: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **84.24**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

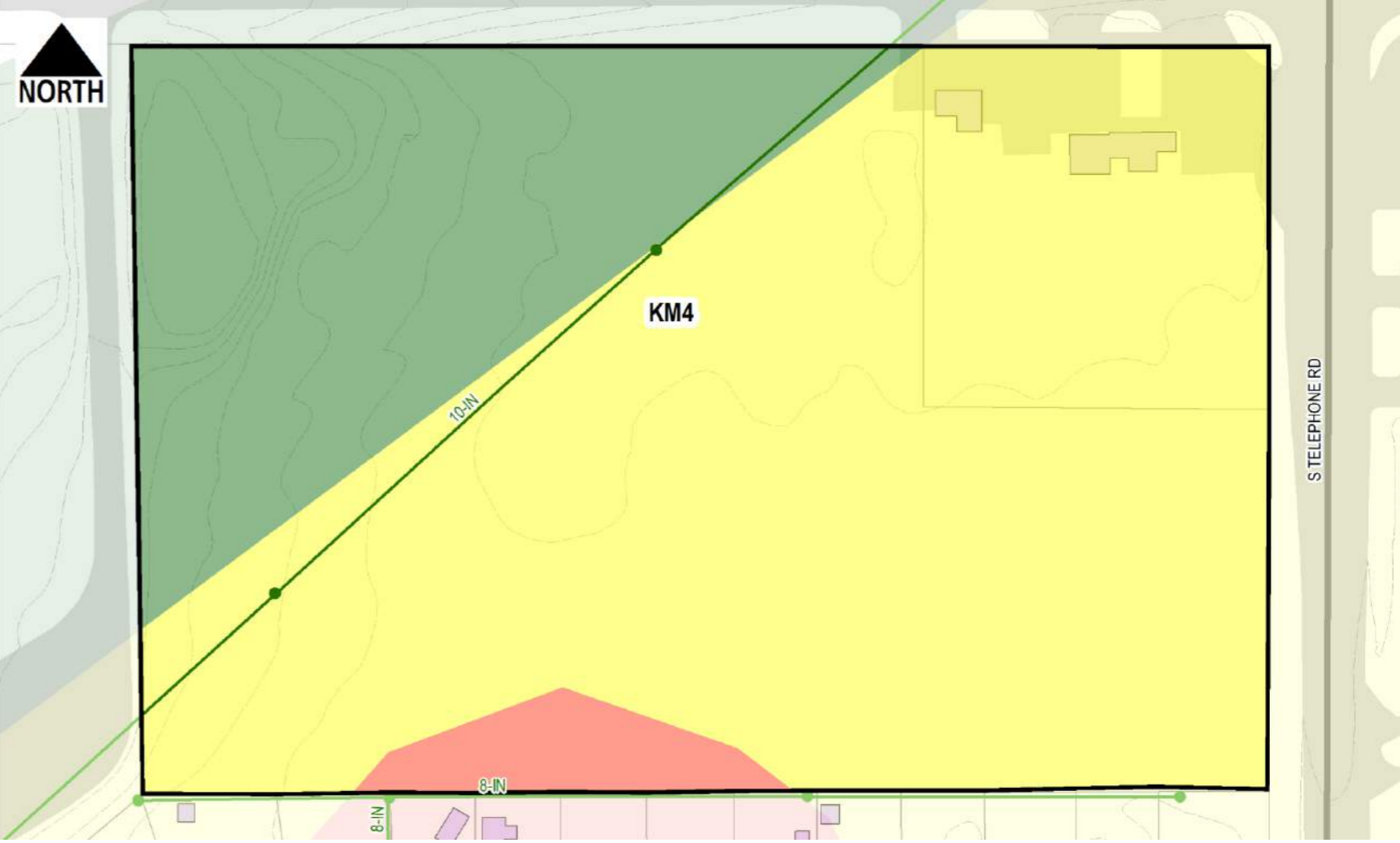
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Line Size				
Total Sanitary Sewer Line Length (ft)	713			
Total Sanitary Sewer Structures (ea)	2			
Diameter				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	713	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	713	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				12.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	511	0.72	5.00	3.58
Length within EF0 to EF2 Damage Area prior to disaster (ft)	202	0.28	2.00	0.57
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.15

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	713	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	713	1.00	5.00	5.00
Proximity Score				15.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

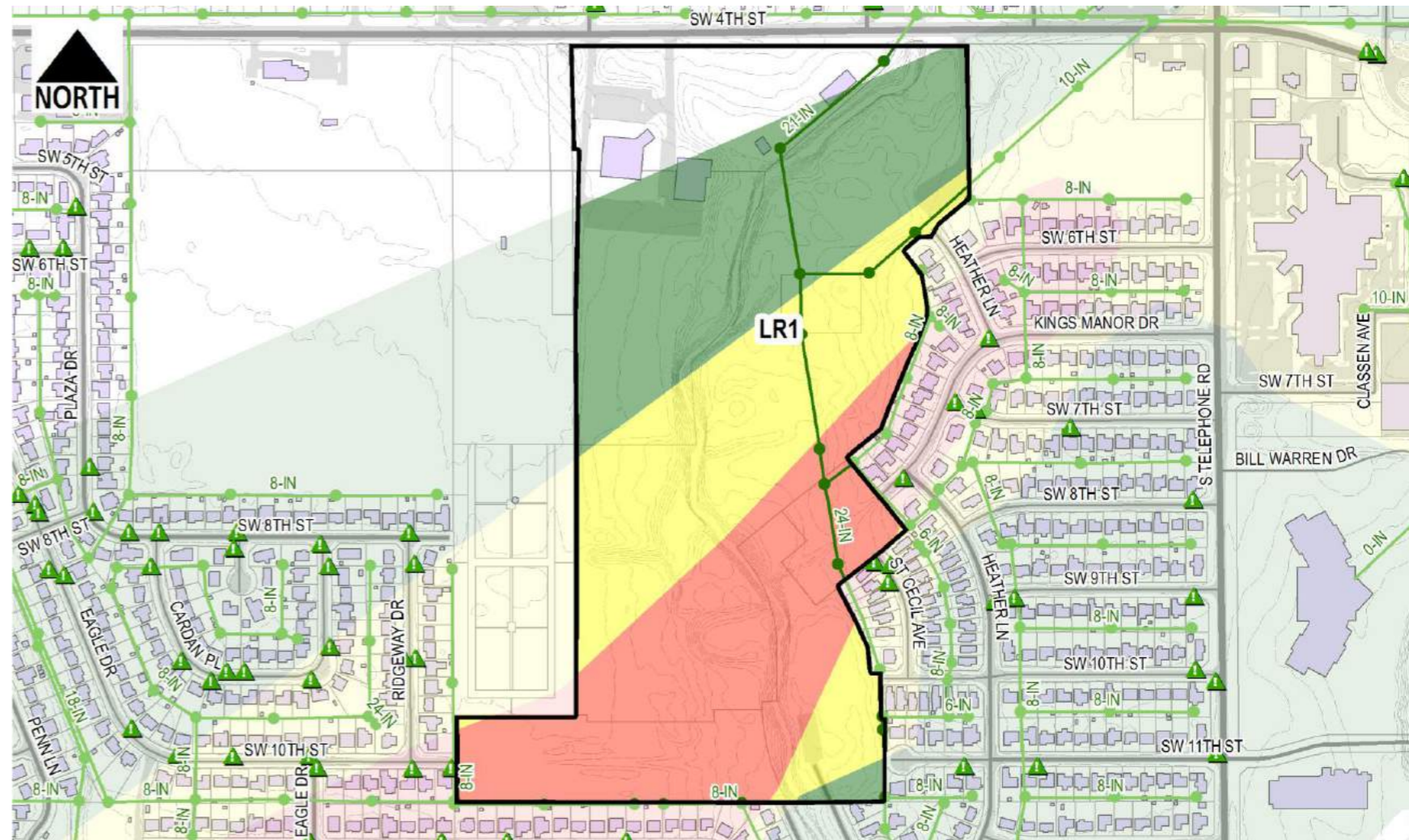
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	3708			
Total Sanitary Sewer Structures (ea)	14			
Line Size				
Diameter 12-in or greater (ft)	2495	0.67	10.00	6.73
Diameter 8-in to 12-in (ft)	1213	0.33	5.00	1.64
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	3708	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	13	0.93	2.00	1.86
Structures within "Moderate Concrete Corrosion Potential" (ea)	1	0.07	5.00	0.36
Age				
More than 20-years	5	0.00	10.00	0.01
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	3703	1.00	1.00	1.00
Background Score				16.59

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	875	0.24	10.00	2.36
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1556	0.42	5.00	2.10
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1073	0.29	2.00	0.58
Length Outside Damage Area prior to Disaster (ft)	203	0.05	1.00	0.05
Damage Score				5.09

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	970	0.26	10.00	2.61
Length within 0.25-mi of Emergency Response Facility (ft)	896	0.24	5.00	1.21
Proximity Score				3.82

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety

Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
LR1: RELOCATION OF SANITARY SEWER INTERCEPTOR AT LITTLE RIVER PARK	1.00	5.00	5.00
Opportunity Score			5.00

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH1
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	3334			
Total Sanitary Sewer Structures (ea)	12			
Line Size				
Diameter 12-in or greater (ft)	1858	0.56	10.00	5.57
Diameter 8-in to 12-in (ft)	973	0.29	5.00	1.46
Diameter 4-in to 6-in (ft)	503	0.15	1.00	0.15
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	3334	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	0.58	2.00	1.17
Structures within "Moderate Concrete Corrosion Potential" (ea)	5	0.42	5.00	2.08
Age				
More than 20-years	2295	0.69	10.00	6.88
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1039	0.31	1.00	0.31
Background Score				22.63

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	569	0.17	10.00	1.71
Length within EF2 to EF4 Damage Area prior to disaster (ft)	401	0.12	5.00	0.60
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1056	0.32	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	1307	0.39	1.00	0.39
Damage Score				3.33

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Sanitary
Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3334	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.96**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH2
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

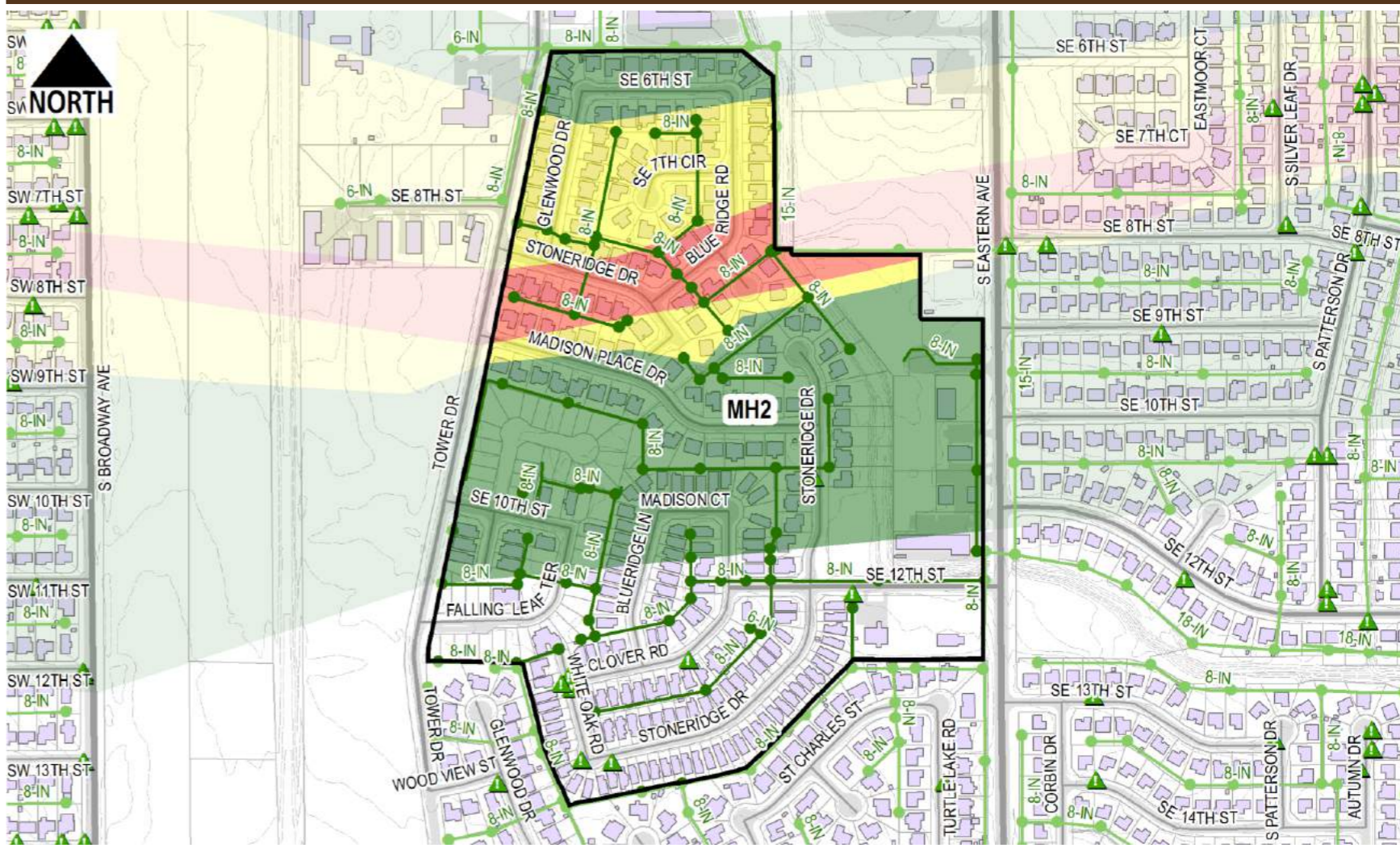
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	13047			
Total Sanitary Sewer Structures (ea)	85			
Line Size				
Diameter 12-in or greater (ft)	196	0.02	10.00	0.15
Diameter 8-in to 12-in (ft)	12814	0.98	5.00	4.91
Diameter 4-in to 6-in (ft)	36	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	13047	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	81	0.95	2.00	1.91
Structures within "Moderate Concrete Corrosion Potential" (ea)	4	0.05	5.00	0.24
Age				
More than 20-years	6772	0.52	10.00	5.19
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	5883	0.45	4.00	1.80
less than 10-years	380	0.03	2.00	0.06
Unknown	12	0.00	1.00	0.00
Background Score				19.26

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1488	0.11	10.00	1.14
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2049	0.16	5.00	0.79
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5005	0.38	2.00	0.77
Length Outside Damage Area prior to Disaster (ft)	4505	0.35	1.00	0.35
Damage Score				3.04

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	13	0.25	3.25
SS6 - Maintenance event (2004 - 2014)	9	0.25	2.25
Condition Score			6.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH2
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	11307	0.87	10.00	8.67
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				8.67

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety

Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
SUB-AREA MH2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00
Opportunity Score			5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.96**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

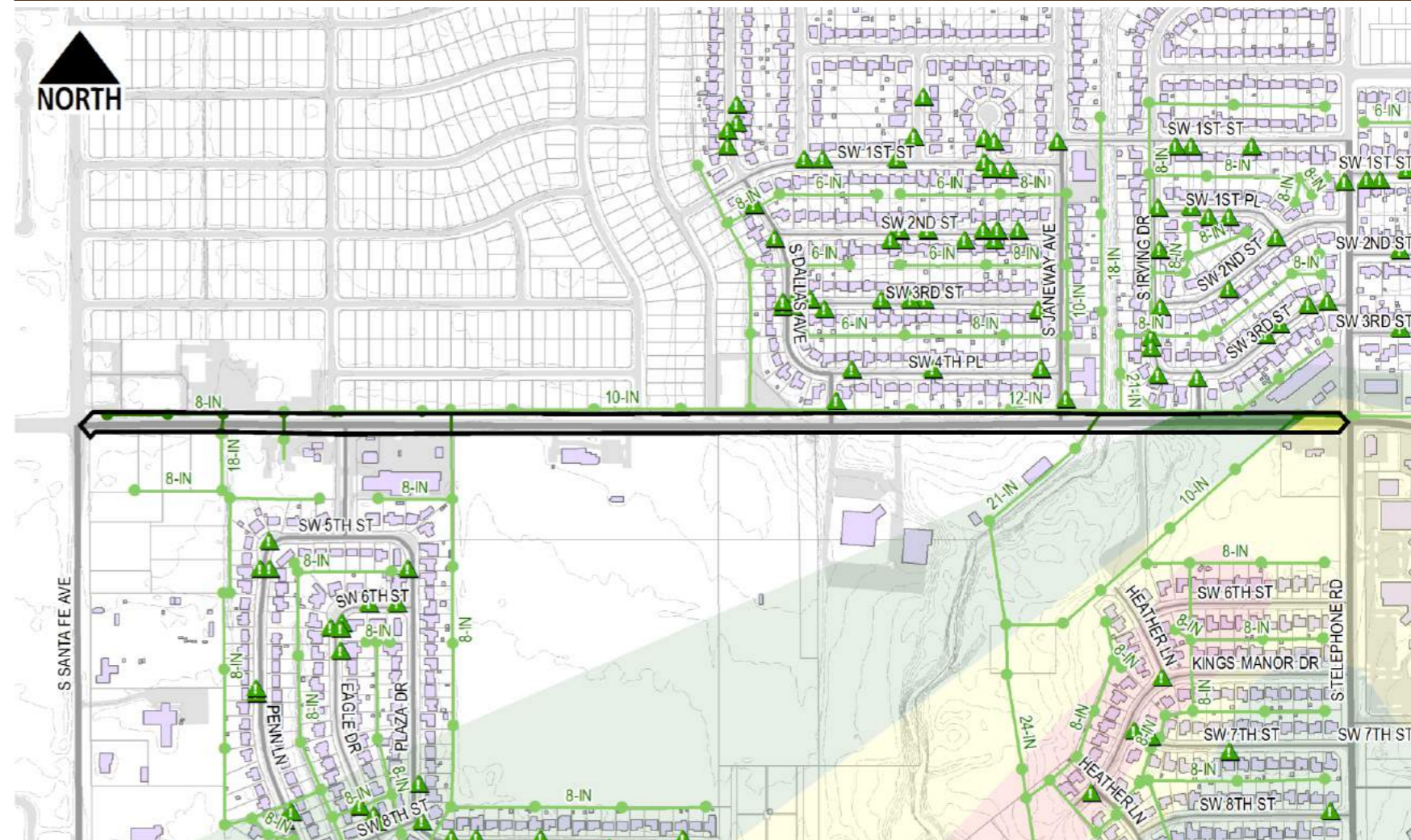
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2151			
Total Sanitary Sewer Structures (ea)	8			
Line Size				
Diameter 12-in or greater (ft)	787	0.37	10.00	3.66
Diameter 8-in to 12-in (ft)	1364	0.63	5.00	3.17
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2151	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	8	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	1044	0.49	10.00	4.85
15 to 20-years	12	0.01	5.00	0.03
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1095	0.51	1.00	0.51
Background Score				19.22

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	155	0.07	5.00	0.36
Length within EF0 to EF2 Damage Area prior to disaster (ft)	720	0.33	2.00	0.67
Length Outside Damage Area prior to Disaster (ft)	1276	0.59	1.00	0.59
Damage Score				1.62

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1099	0.51	10.00	5.11
Length within 0.25-mi of Emergency Response Facility (ft)	1099	0.51	5.00	2.55
Proximity Score				7.66

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

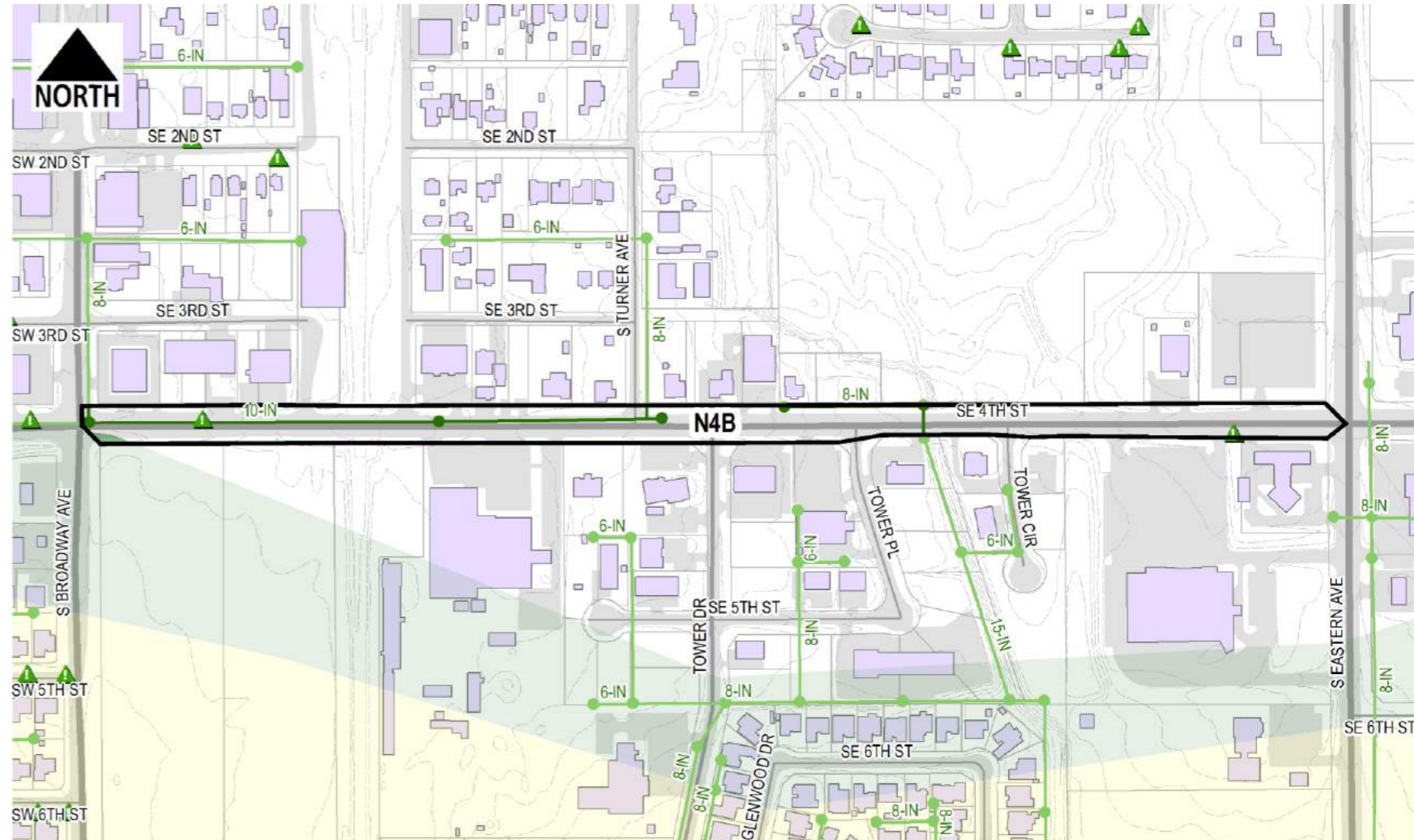
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1825			
Total Sanitary Sewer Structures (ea)	5			
Line Size				
Diameter 12-in or greater (ft)	73	0.04	10.00	0.40
Diameter 8-in to 12-in (ft)	1753	0.96	5.00	4.80
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1825	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	5	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	25	0.01	10.00	0.14
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1800	0.99	1.00	0.99
Background Score				13.33

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	1825	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	2	0.25	0.50
Condition Score			1.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	639	0.35	10.00	3.50
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				3.50

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **19.08**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

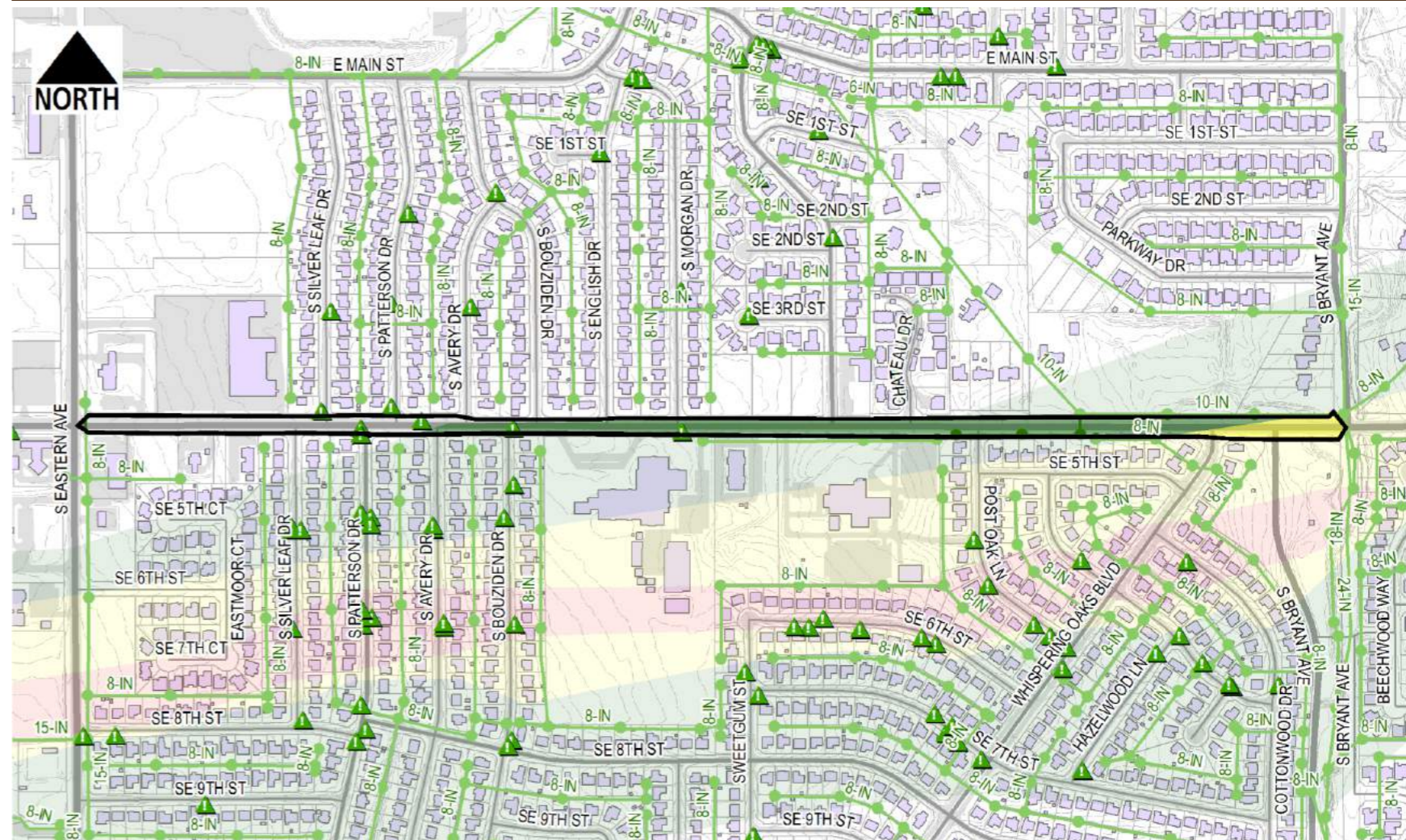
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	840			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	56	0.07	10.00	0.67
Diameter 8-in to 12-in (ft)	783	0.93	5.00	4.66
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	83	0.10	10.00	0.99
Length of Unknown (ft)	756	0.90	5.00	4.50
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	597	0.71	10.00	7.11
15 to 20-years	43	0.05	5.00	0.26
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	201	0.24	1.00	0.24
Background Score				20.42

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	99	0.12	5.00	0.59
Length within EF0 to EF2 Damage Area prior to disaster (ft)	664	0.79	2.00	1.58
Length Outside Damage Area prior to Disaster (ft)	77	0.09	1.00	0.09
Damage Score				2.26

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	11	0.25	2.75
Condition Score			3.50



Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	453	0.54	10.00	5.39
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				5.39

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety

Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
No Projects Available	0.00	0.00	0.00

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

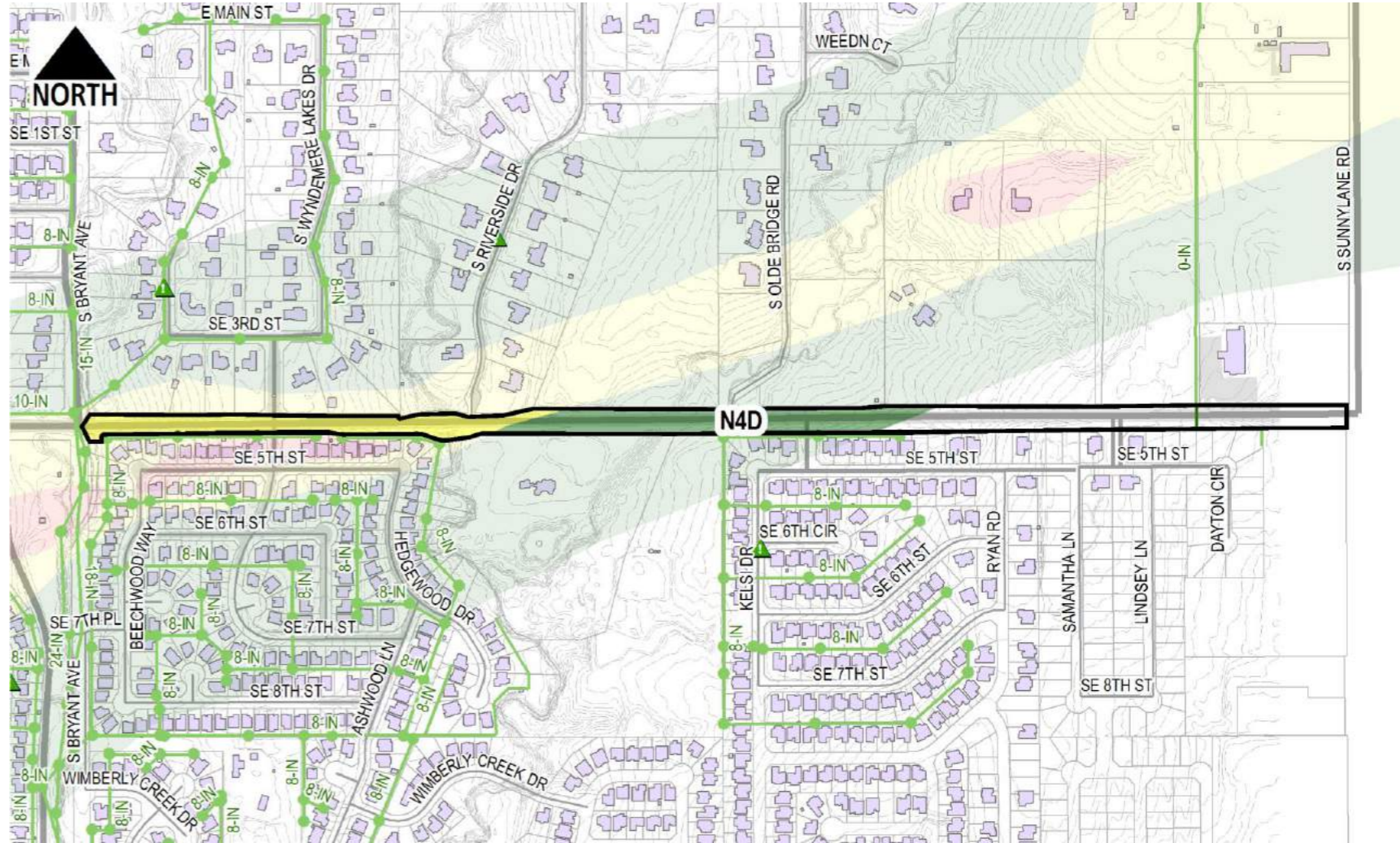
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	388			
Total Sanitary Sewer Structures (ea)	0			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	388	1.00	1.00	1.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	388	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				6.00

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	388	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Rating Index (IRI) **7.00**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

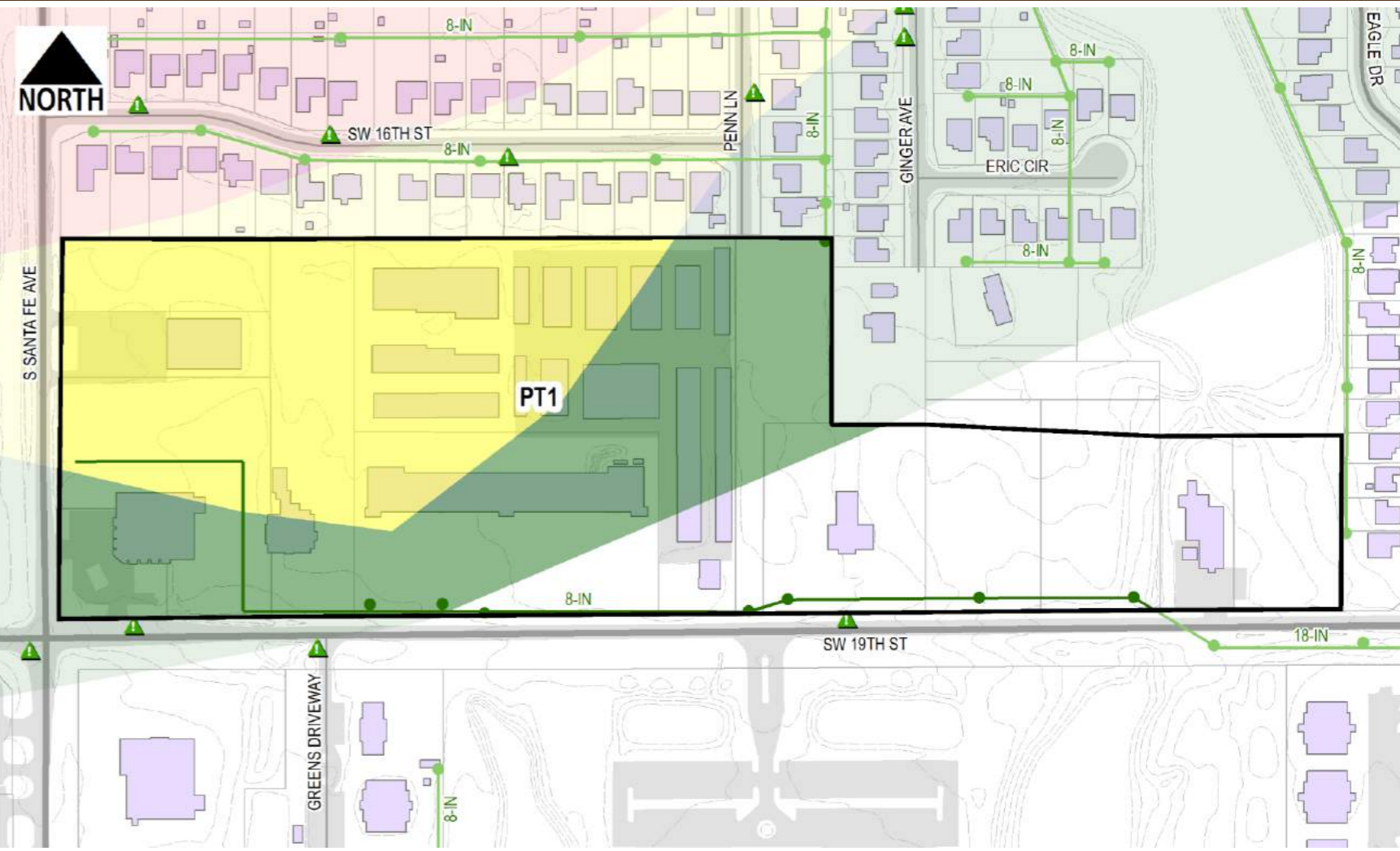
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2075			
Total Sanitary Sewer Structures (ea)	8			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	2075	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2075	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	0.38	2.00	0.75
Structures within "Moderate Concrete Corrosion Potential" (ea)	5	0.63	5.00	3.13
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	635	0.31	4.00	1.22
less than 10-years	328	0.16	2.00	0.32
Unknown	1111	0.54	1.00	0.54
Background Score				15.95

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	364	0.18	5.00	0.88
Length within EF0 to EF2 Damage Area prior to disaster (ft)	520	0.25	2.00	0.50
Length Outside Damage Area prior to Disaster (ft)	1191	0.57	1.00	0.57
Damage Score				1.95

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1337	0.64	10.00	6.44
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.44

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety

Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
No Projects Available	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **24.35**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	9261			
Total Sanitary Sewer Structures (ea)	31			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	9134	0.99	5.00	4.93
Diameter 4-in to 6-in (ft)	127	0.01	1.00	0.01
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	9261	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	12	0.39	2.00	0.77
Structures within "Moderate Concrete Corrosion Potential" (ea)	19	0.61	5.00	3.06
Age				
More than 20-years	9261	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

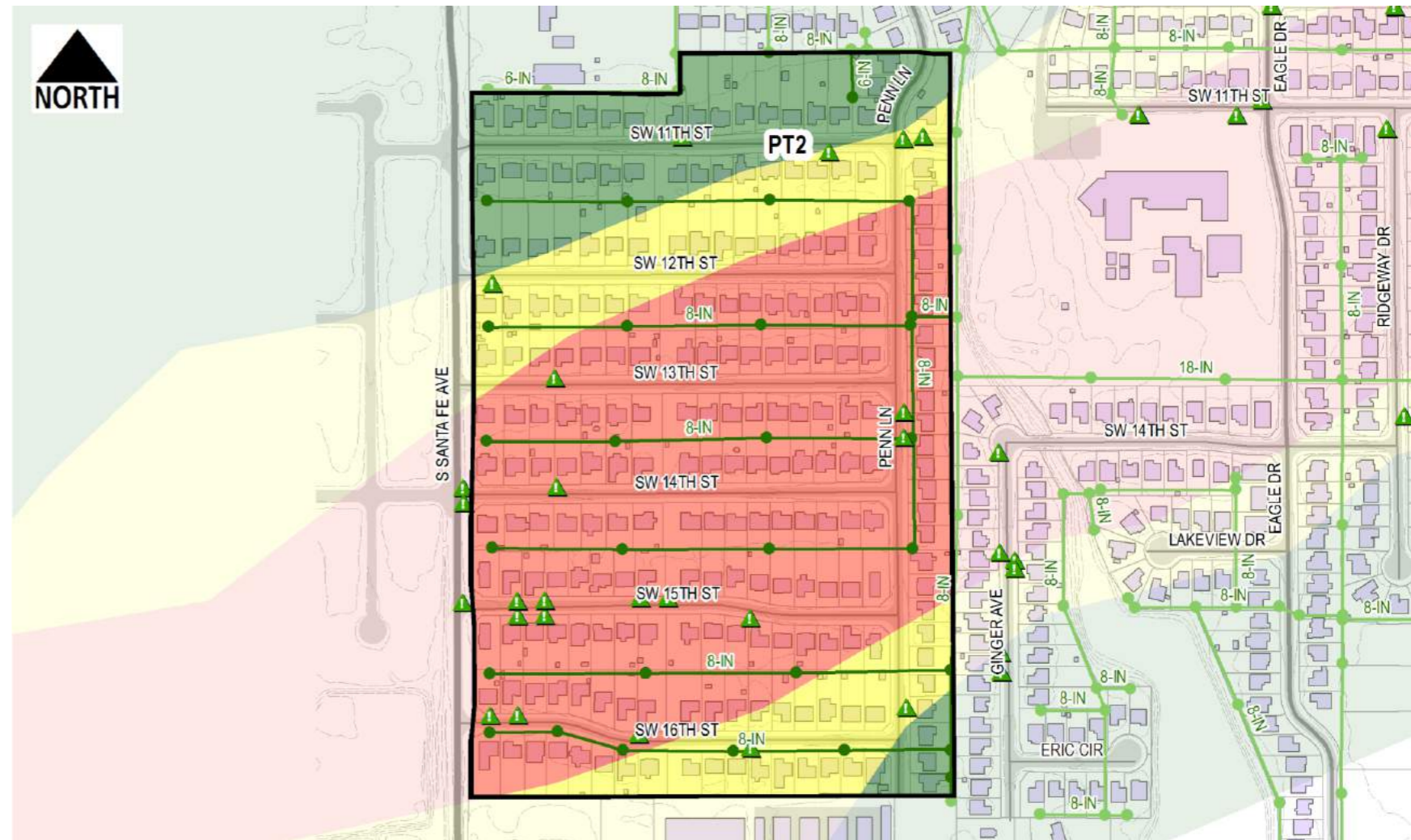
Background Score 23.78

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	5467	0.59	10.00	5.90
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2102	0.23	5.00	1.13
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1691	0.18	2.00	0.37
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 7.40

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	7	0.25	1.75
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	4	0.25	1.00
SS4 - Future service connection anticipated	84	0.25	21.00
SS6 - Maintenance event (2004 - 2014)	25	0.25	6.25

Condition Score 30.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	8793	0.95	10.00	9.49
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.49

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **95.93**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	9416			
Total Sanitary Sewer Structures (ea)	47			
Line Size				
Diameter 12-in or greater (ft)	2688	0.29	10.00	2.85
Diameter 8-in to 12-in (ft)	6728	0.71	5.00	3.57
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	9416	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	32	0.68	2.00	1.36
Structures within "Moderate Concrete Corrosion Potential" (ea)	15	0.32	5.00	1.60
Age				
More than 20-years	4048	0.43	10.00	4.30
15 to 20-years	3599	0.38	5.00	1.91
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1769	0.19	1.00	0.19

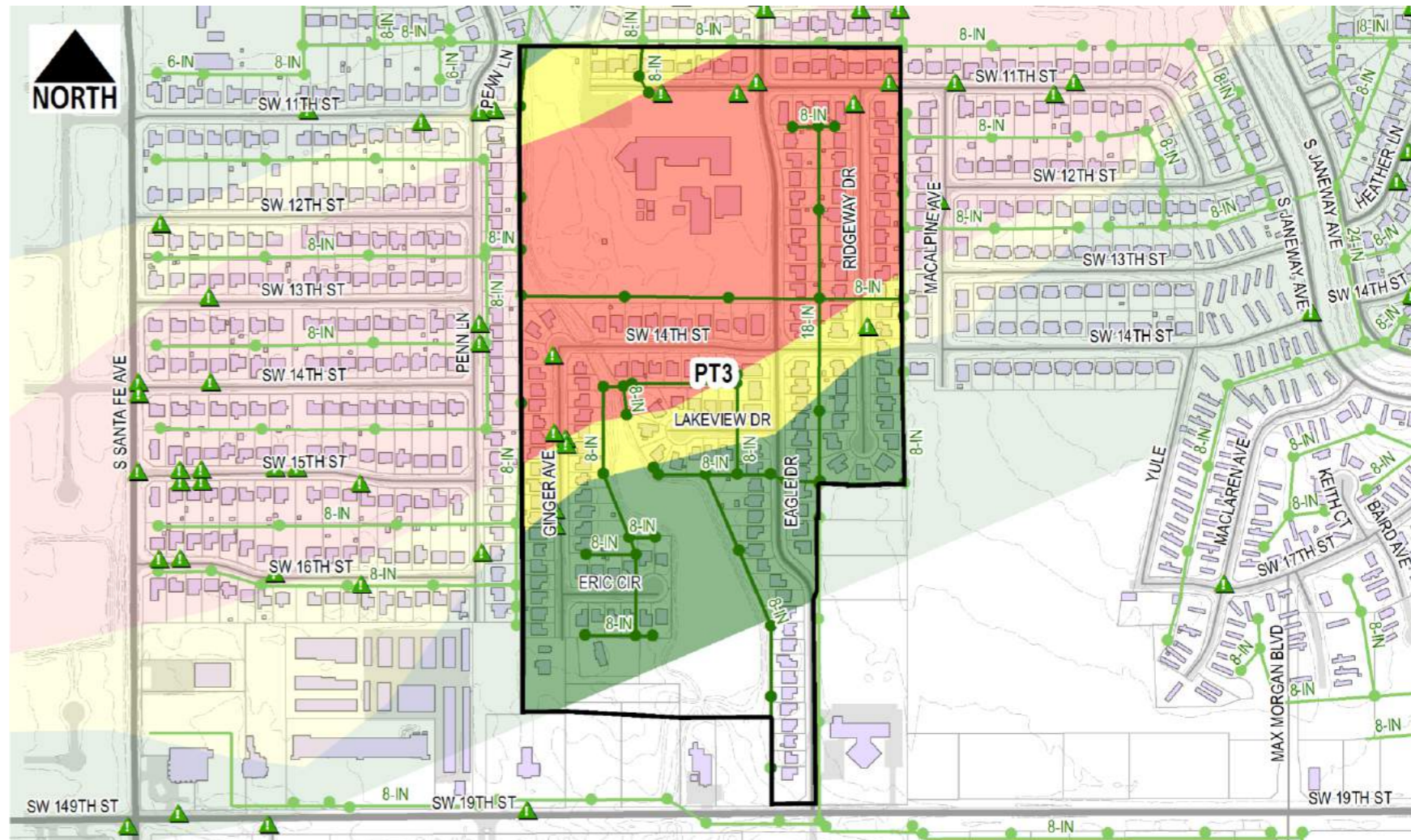
Background Score 20.78

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3791	0.40	10.00	4.03
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1495	0.16	5.00	0.79
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3620	0.38	2.00	0.77
Length Outside Damage Area prior to Disaster (ft)	510	0.05	1.00	0.05

Damage Score 5.64

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	6	0.25	1.50
SS2 - Brick manhole	5	0.25	1.25
SS3 - Manhole not found	1	0.25	0.25
SS4 - Future service connection anticipated	47	0.25	11.75
SS6 - Maintenance event (2004 - 2014)	26	0.25	6.50

Condition Score 21.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	9416	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT3: RECONSTRUCTION/REHABILITATION OF PUBLIC SANITARY SEWER SYSTEM	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **82.68**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

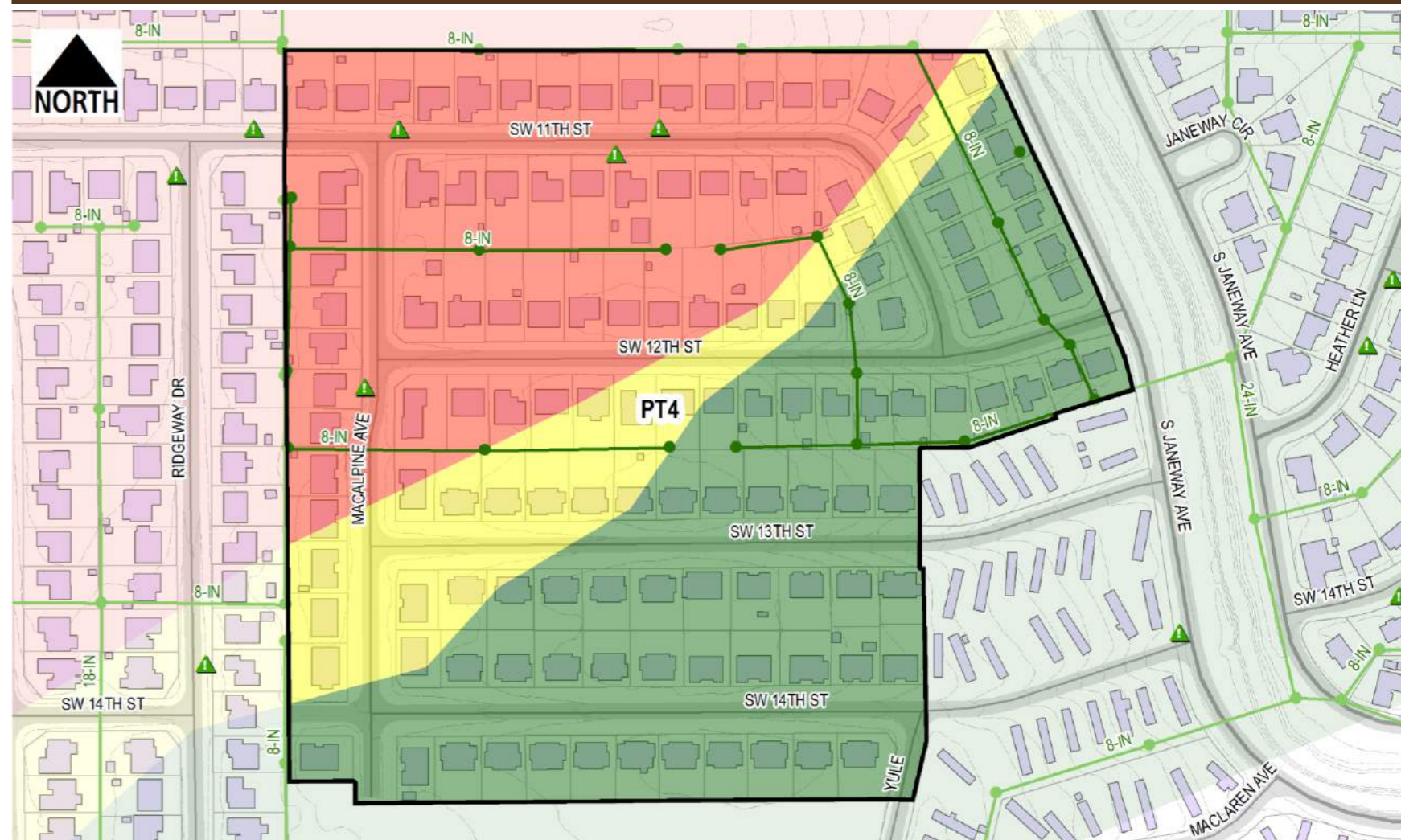
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	4410			
Total Sanitary Sewer Structures (ea)	25			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	4410	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	4410	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	14	0.56	2.00	1.12
Structures within "Moderate Concrete Corrosion Potential" (ea)	11	0.44	5.00	2.20
Age				
More than 20-years	4410	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				23.32

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2609	0.59	10.00	5.92
Length within EF2 to EF4 Damage Area prior to disaster (ft)	443	0.10	5.00	0.50
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1358	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				7.03

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	3	0.25	0.75
SS4 - Future service connection anticipated	88	0.25	22.00
SS6 - Maintenance event (2004 - 2014)	8	0.25	2.00
Condition Score			25.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3093	0.70	10.00	7.01
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.01

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT4: RECONSTRUCTION/REHABILITATION OF ALL PUBLIC SANITARY SEWER	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **92.37**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	16834			
Total Sanitary Sewer Structures (ea)	69			
Line Size				
Diameter 12-in or greater (ft)	1010	0.06	10.00	0.60
Diameter 8-in to 12-in (ft)	15823	0.94	5.00	4.70
Diameter 4-in to 6-in (ft)	2	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	16834	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	62	0.90	2.00	1.80
Structures within "Moderate Concrete Corrosion Potential" (ea)	7	0.10	5.00	0.51
Age				
More than 20-years	16317	0.97	10.00	9.69
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	517	0.03	1.00	0.03

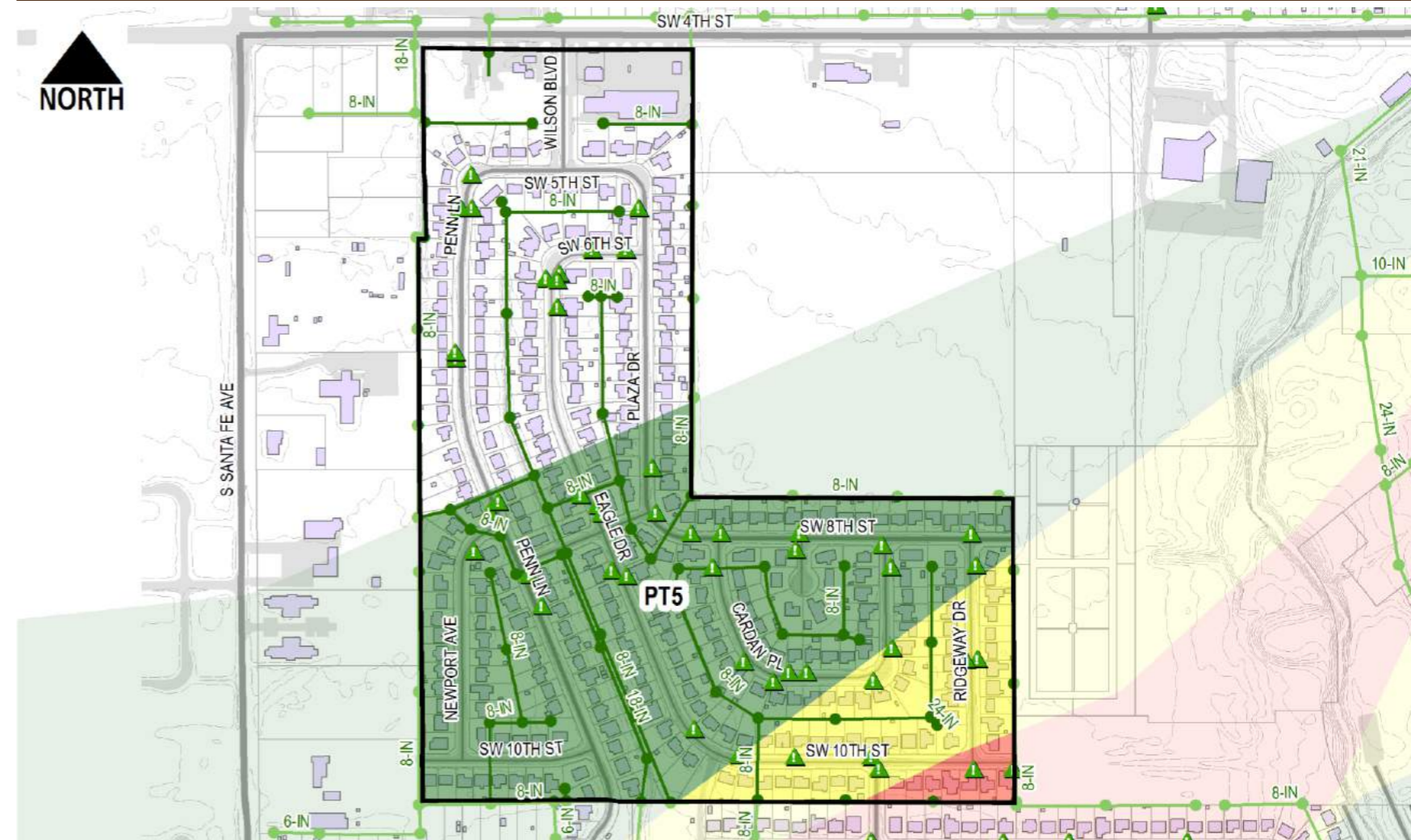
Background Score 22.33

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	767	0.05	10.00	0.46
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2280	0.14	5.00	0.68
Length within EF0 to EF2 Damage Area prior to disaster (ft)	8759	0.52	2.00	1.04
Length Outside Damage Area prior to Disaster (ft)	5028	0.30	1.00	0.30

Damage Score 2.47

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	10	0.25	2.50
SS3 - Manhole not found	8	0.25	2.00
SS4 - Future service connection anticipated	22	0.25	5.50
SS6 - Maintenance event (2004 - 2014)	72	0.25	18.00

Condition Score 28.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	12169	0.72	10.00	7.23
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.23

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT5: RECONSTRUCTION/REHABILITATION OF PUBLIC SANITARY SEWER SYSTEM	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

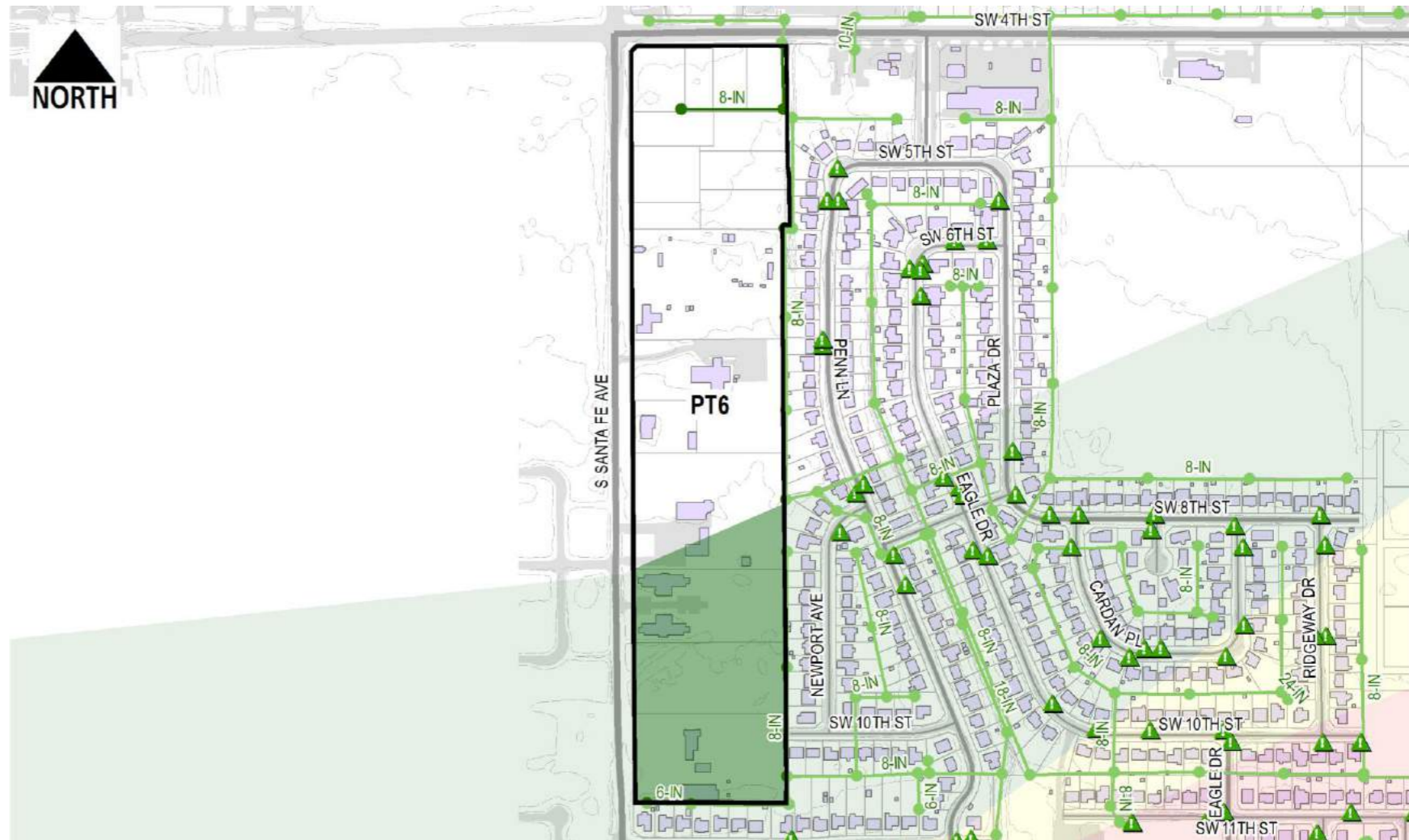
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1640			
Total Sanitary Sewer Structures (ea)	6			
Line Size				
Diameter 12-in or greater (ft)	235	0.14	10.00	1.43
Diameter 8-in to 12-in (ft)	1249	0.76	5.00	3.81
Diameter 4-in to 6-in (ft)	156	0.10	1.00	0.10
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1640	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	0.33	2.00	0.67
Structures within "Moderate Concrete Corrosion Potential" (ea)	4	0.67	5.00	3.33
Age				
More than 20-years	39	0.02	10.00	0.24
15 to 20-years	597	0.36	5.00	1.82
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1004	0.61	1.00	0.61
Background Score				17.01

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1043	0.64	2.00	1.27
Length Outside Damage Area prior to Disaster (ft)	597	0.36	1.00	0.36
Damage Score				1.64

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1043	0.64	10.00	6.36
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.36

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Rating Index (IRI) **25.00**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

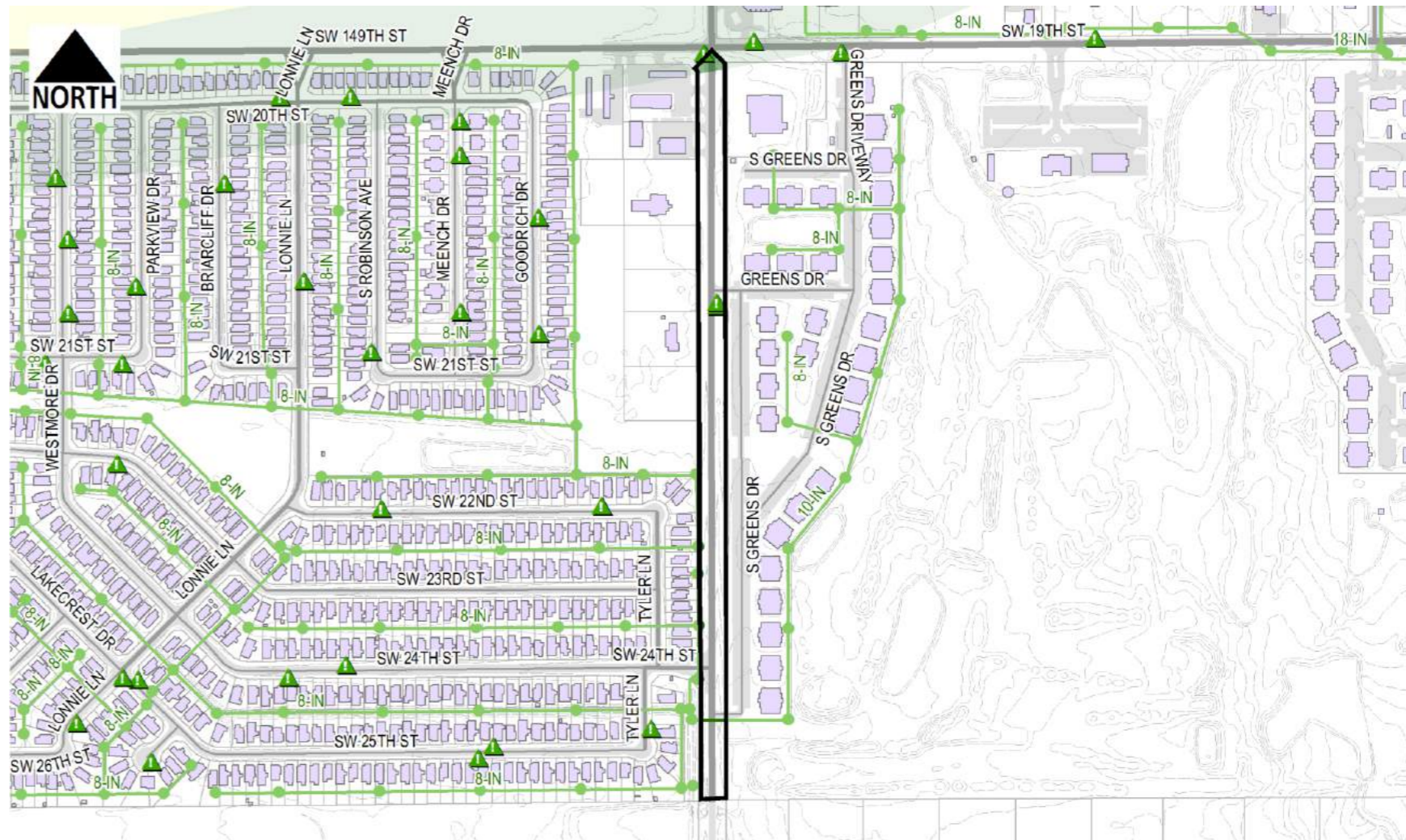
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	727			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	727	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	727	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	623	0.86	5.00	4.28
10 to 15-years	54	0.07	4.00	0.30
less than 10-years	0	0.00	2.00	0.00
Unknown	50	0.07	1.00	0.07
Background Score				16.65

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	727	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	2	0.25	0.50
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	2	0.25	0.50
Condition Score			1.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	727	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **28.65**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

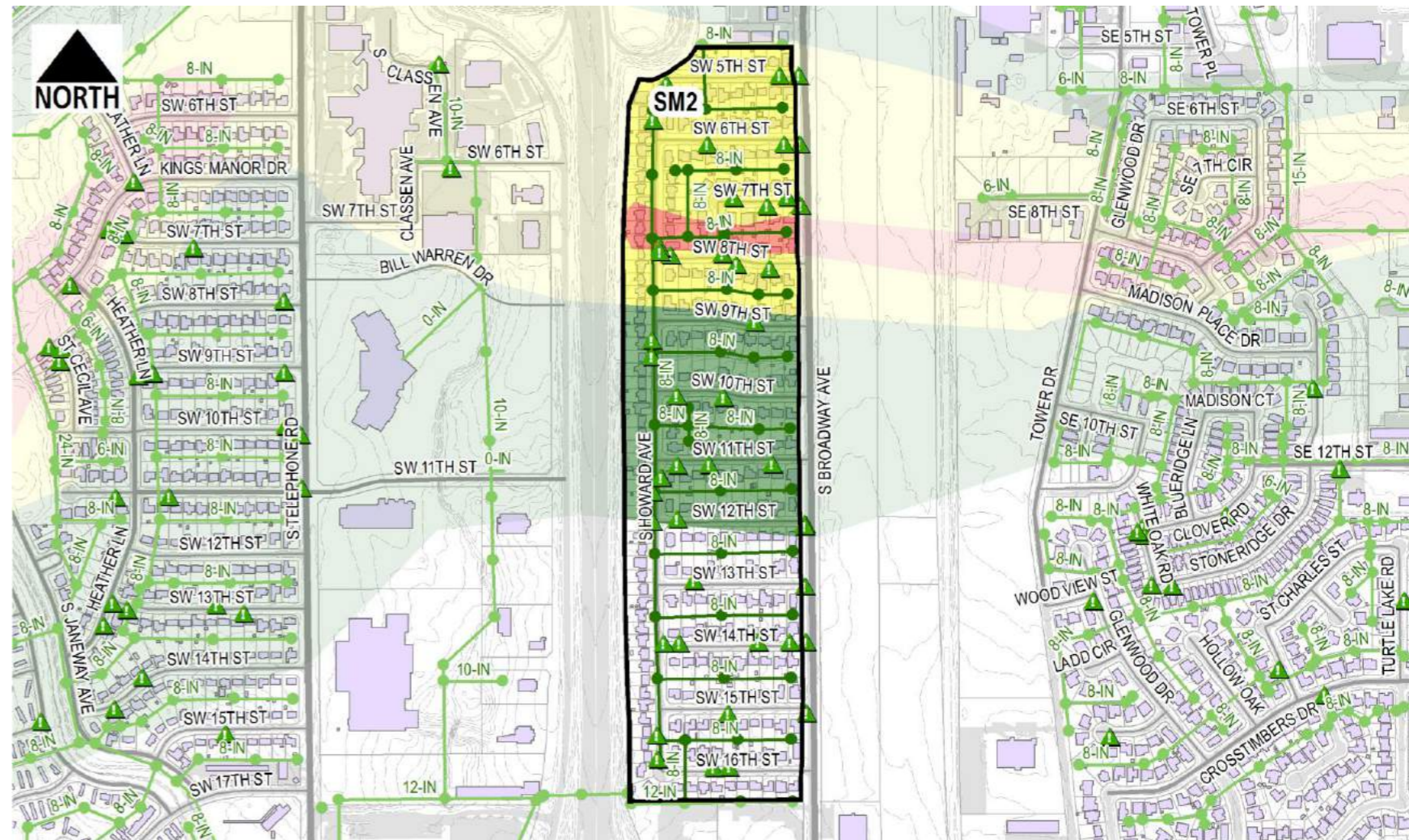
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	11511			
Total Sanitary Sewer Structures (ea)	48			
Line Size				
Diameter 12-in or greater (ft)	364	0.03	10.00	0.32
Diameter 8-in to 12-in (ft)	11146	0.97	5.00	4.84
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	11511	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	48	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	11511	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				22.16

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	933	0.08	10.00	0.81
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3236	0.28	5.00	1.41
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3054	0.27	2.00	0.53
Length Outside Damage Area prior to Disaster (ft)	4287	0.37	1.00	0.37
Damage Score				3.12

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	22	0.25	5.50
SS6 - Maintenance event (2004 - 2014)	54	0.25	13.50
Condition Score			19.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	2877	0.25	10.00	2.50
Length within 0.25-mi of Emergency Response Facility (ft)	2877	0.25	5.00	1.25
Proximity Score				3.75

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA SM2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **73.28**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

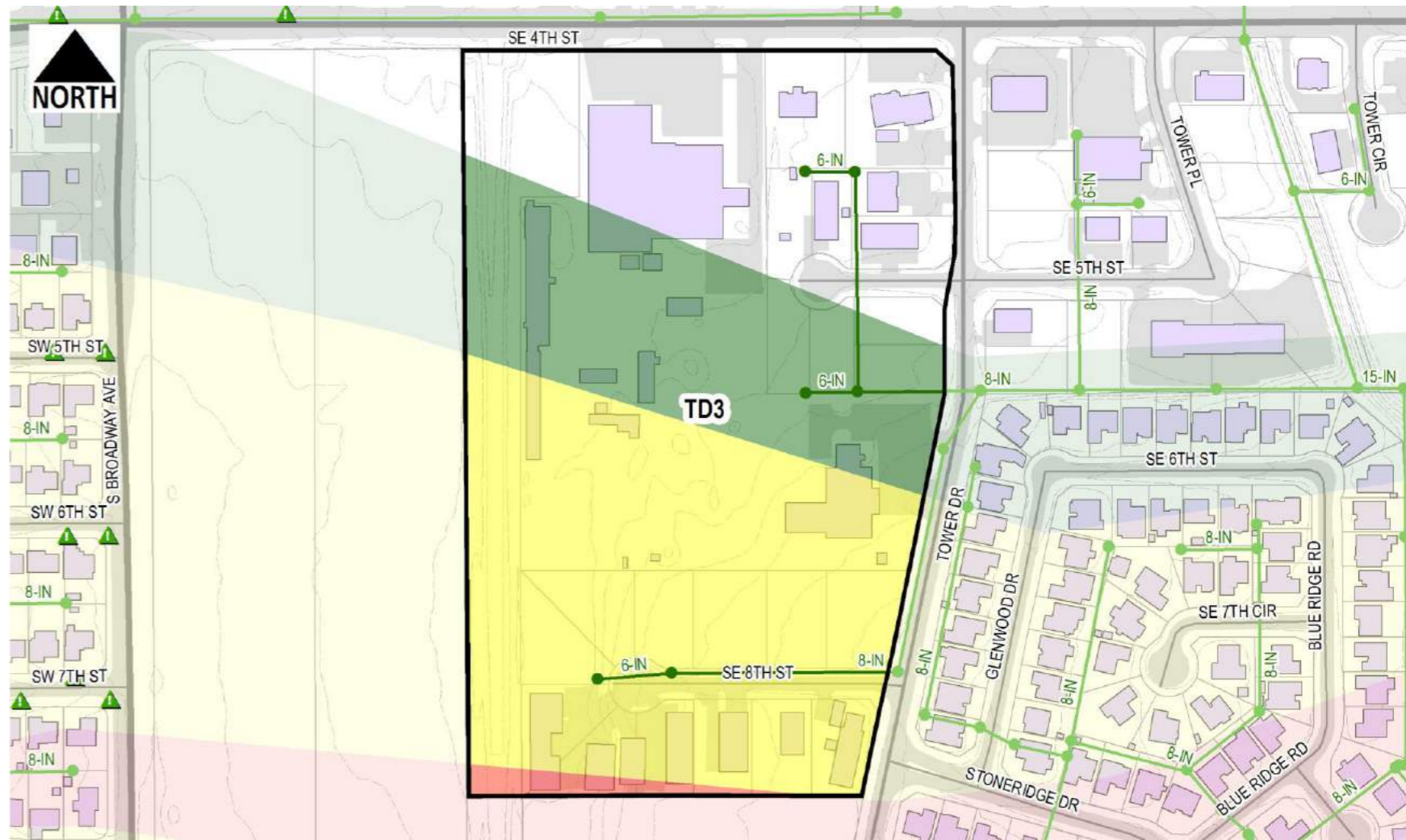
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1227			
Total Sanitary Sewer Structures (ea)	6			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	919	0.75	5.00	3.74
Diameter 4-in to 6-in (ft)	307	0.25	1.00	0.25
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1227	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	1	0.17	2.00	0.33
Structures within "Moderate Concrete Corrosion Potential" (ea)	5	0.83	5.00	4.17
Age				
More than 20-years	1227	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				23.50

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	510	0.42	5.00	2.08
Length within EF0 to EF2 Damage Area prior to disaster (ft)	387	0.32	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	330	0.27	1.00	0.27
Damage Score				2.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	484	0.39	10.00	3.94
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				3.94

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.42**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	601			
Total Sanitary Sewer Structures (ea)	4			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	601	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	601	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	0.50	2.00	1.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	2	0.50	5.00	2.50
Age				
More than 20-years	601	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

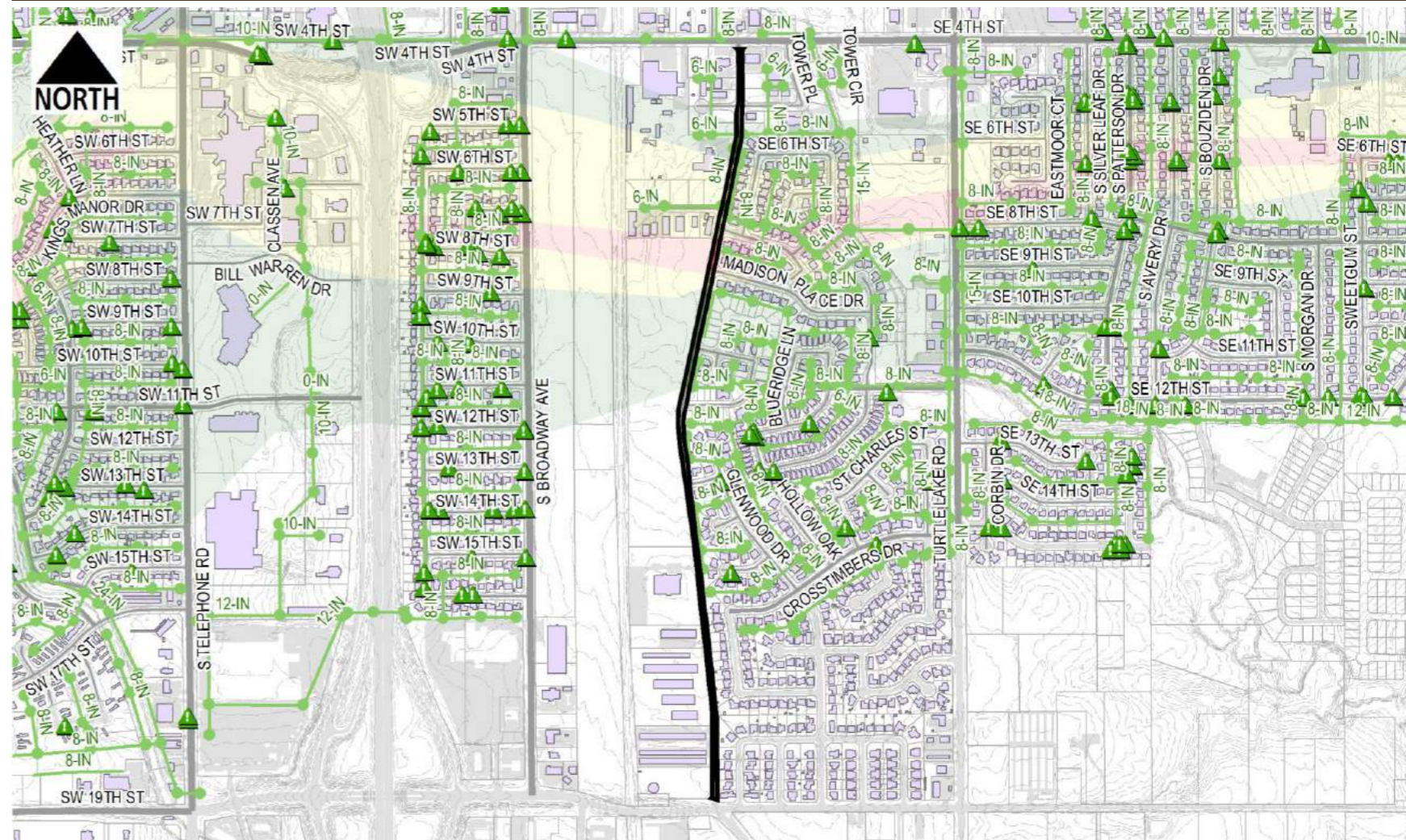
Background Score 23.50

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	324	0.54	5.00	2.70
Length within EF0 to EF2 Damage Area prior to disaster (ft)	277	0.46	2.00	0.92
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 3.62

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	226	0.38	10.00	3.75
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				3.75

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.87**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

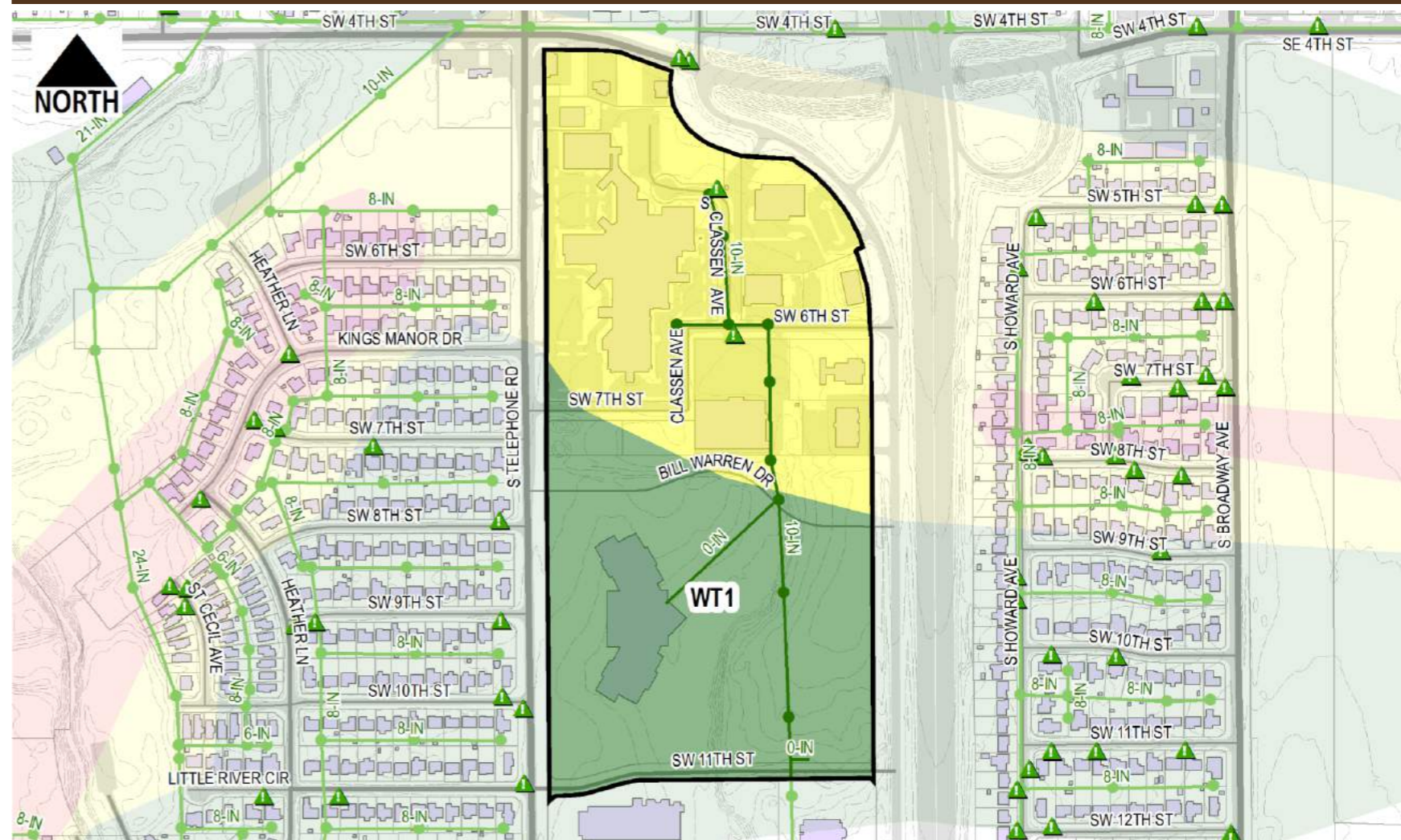
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2835			
Total Sanitary Sewer Structures (ea)	10			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	2259	0.80	5.00	3.98
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	576	0.20	1.00	0.20
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2835	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	10	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	1190	0.42	10.00	4.20
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	1645	0.58	2.00	1.16
Unknown	0	0.00	1.00	0.00
Background Score				16.55

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1296	0.46	5.00	2.29
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1539	0.54	2.00	1.09
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.37

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	3	0.25	0.75
SS2 - Brick manhole	5	0.25	1.25
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	4	0.25	1.00
Condition Score			3.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	2832	1.00	10.00	9.99
Length within 0.25-mi of Emergency Response Facility (ft)	2832	1.00	5.00	4.99
Proximity Score				14.98

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety

Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
No Projects Available	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **52.90**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT3
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

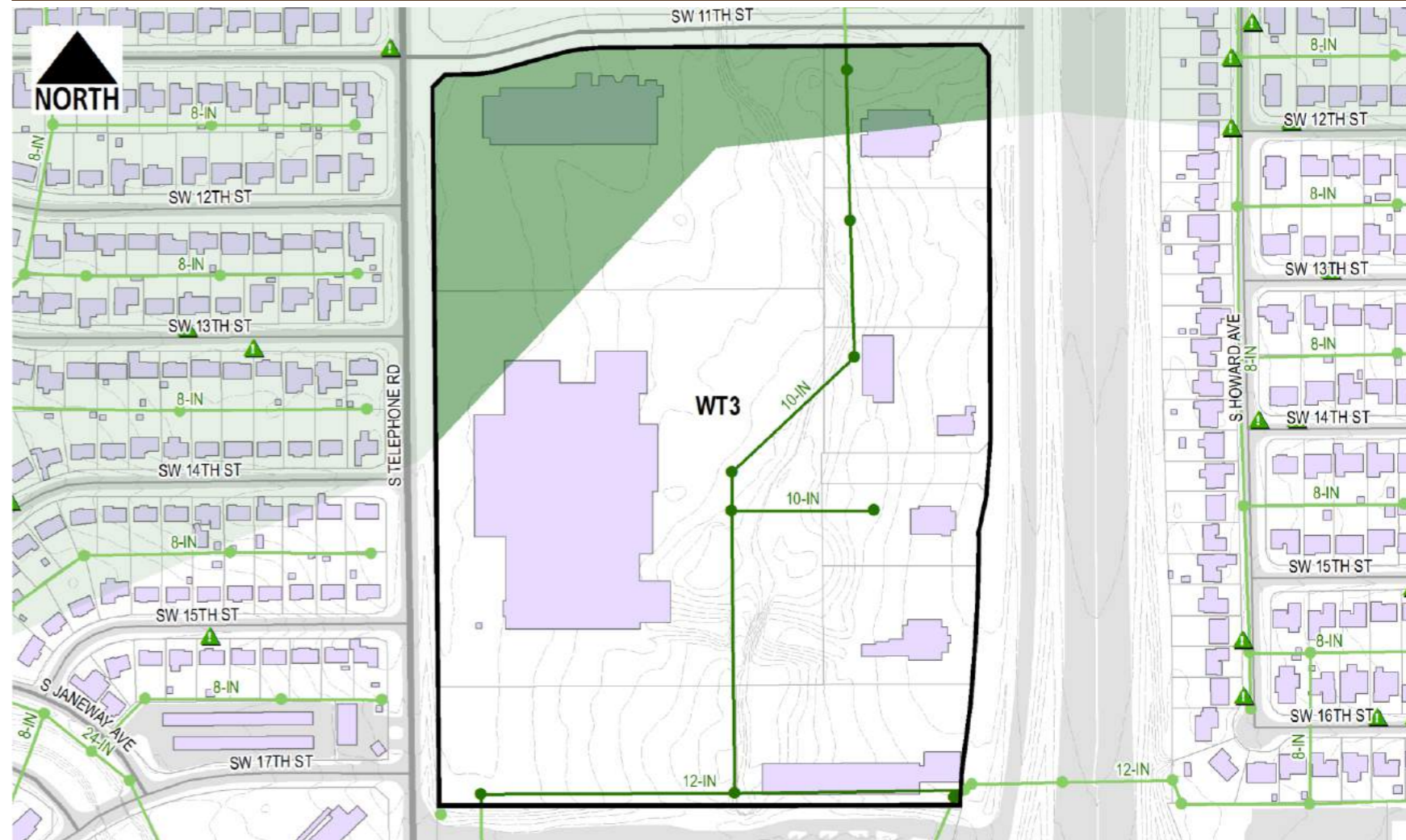
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2834			
Total Sanitary Sewer Structures (ea)	9			
Line Size				
Diameter 12-in or greater (ft)	999	0.35	10.00	3.53
Diameter 8-in to 12-in (ft)	1835	0.65	5.00	3.24
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2834	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	0.78	2.00	1.56
Structures within "Moderate Concrete Corrosion Potential" (ea)	2	0.22	5.00	1.11
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	2834	1.00	2.00	2.00
Unknown	0	0.00	1.00	0.00
Background Score				16.43

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	176	0.06	2.00	0.12
Length Outside Damage Area prior to Disaster (ft)	2658	0.94	1.00	0.94
Damage Score				1.06

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **32.49**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

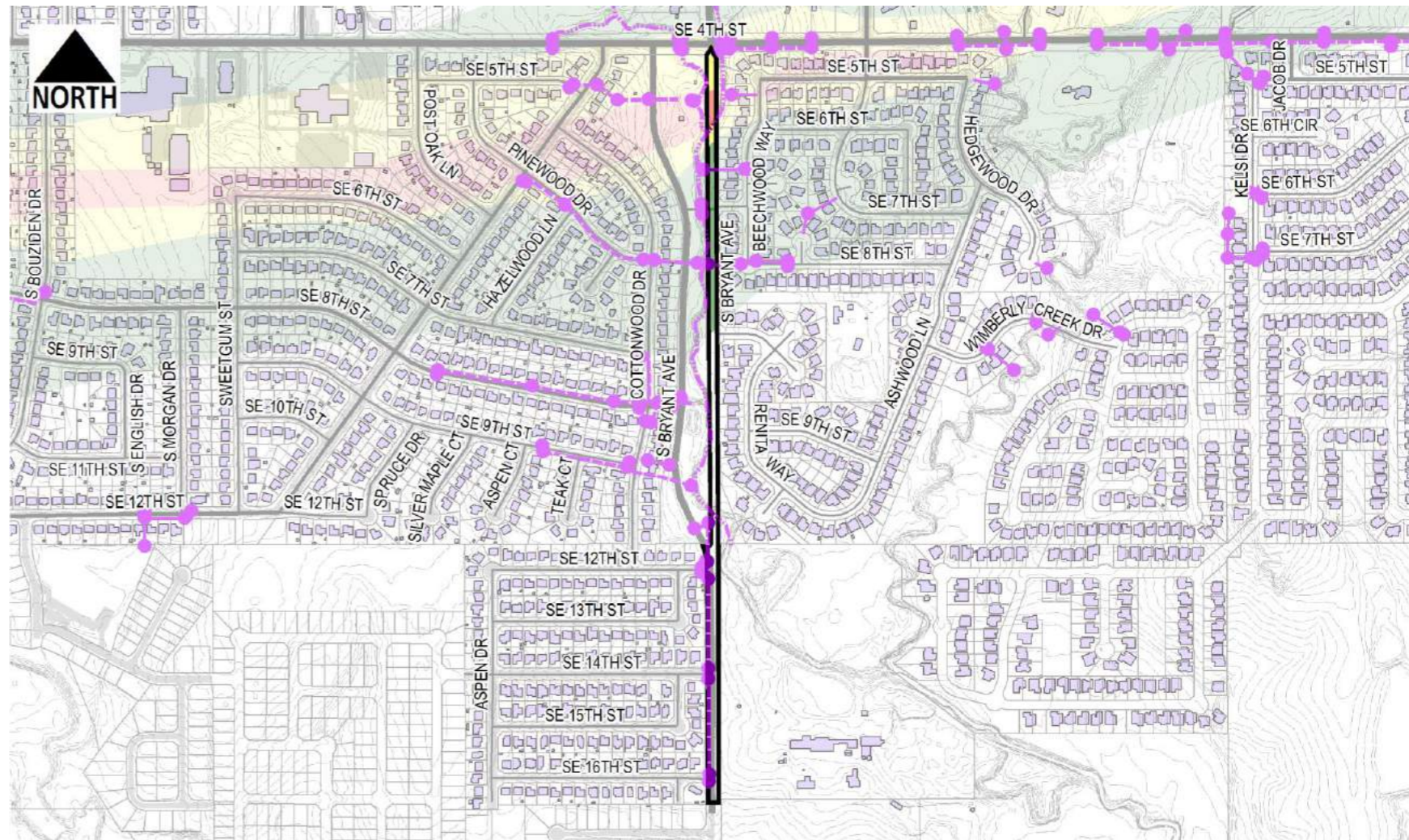
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1467			
Total Drainage Channel Length (ft)	655			
Total Storm Sewer Structures (ea)	9			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	52	0.04	10.00	0.35
Diameter 18-in to 30-in equivalent (ft)	55	0.04	5.00	0.19
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1360	0.93	1.00	0.93
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	107	0.07	5.00	0.36
Length of Unknown (ft)	1360	0.93	2.00	1.85
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	9	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	2122	1.00	5.00	5.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2122	1.00	2.00	2.00
Age				
More than 20-years	1270	0.87	10.00	8.66
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	65	0.04	4.00	0.18
less than 10-years	0	0.00	2.00	0.00
Unknown	133	0.09	1.00	0.09

Background Score 21.61

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	5	0.50	2.50
D4 - Insufficient armoring	2	0.50	1.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	126	0.09	2.00	0.17
Length Outside Damage Area prior to Disaster (ft)	1341	0.91	1.00	0.91
Damage Score				1.09

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	888	0.61	10.00	6.05
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.05

Infrastructure Photographs



Infrastructure Rating Index (IRI) **58.25**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)				
	521			
Total Drainage Channel Length (ft)				
	884			
Total Storm Sewer Structures (ea)				
	9			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	266	0.51	10.00	5.11
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	255	0.49	1.00	0.49
Material				
Length of Corrugated Metal (ft)	320	0.61	10.00	6.14
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	201	0.39	2.00	0.77
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	9	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1405	1.00	5.00	5.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1405	1.00	2.00	2.00
Age				
More than 20-years	123	0.24	10.00	2.36
15 to 20-years	178	0.34	5.00	1.71
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	201	0.39	2.00	0.77
Unknown	19	0.04	1.00	0.04

Background Score 26.39

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
Assessment Sub-Area BA2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	521	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

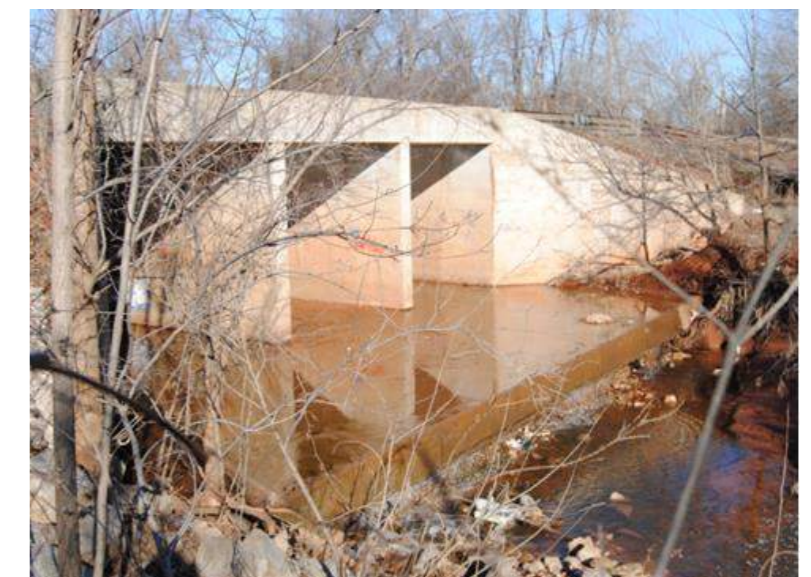
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
BA2: CHANNEL MAINTENANCE AND IMPROVEMENTS, EAST SIDE OF S BRYANT AVE	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **58.39**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	268			
Total Drainage Channel Length (ft)	1712			
Total Storm Sewer Structures (ea)	7			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	268	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	268	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	4	0.57	5.00	2.86
Structures within "Low Concrete Corrosion Potential" (ea)	3	0.43	2.00	0.86
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1980	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	1578	0.80	5.00	3.98
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	402	0.20	2.00	0.41
Age				
More than 20-years	213	0.79	10.00	7.95
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	1	0.00	4.00	0.01
less than 10-years	0	0.00	2.00	0.00
Unknown	54	0.20	1.00	0.20

Background Score 29.27

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	21	0.50	10.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 10.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
Assessment Sub-Area BW2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	268	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
BW2: DRAINAGE IMPROVEMENTS IN VICINITY OF COMMON AREA	1.00	5.00	5.00	
SUB-AREA BW2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	50	0.19	10.00	1.87
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				1.87

Infrastructure Photographs



Infrastructure Rating Index (IRI) **63.64**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Carriage Park
 Assessment Sub-Area CP1
 Infrastructure Category Drainage
 Exhibit Group E.4

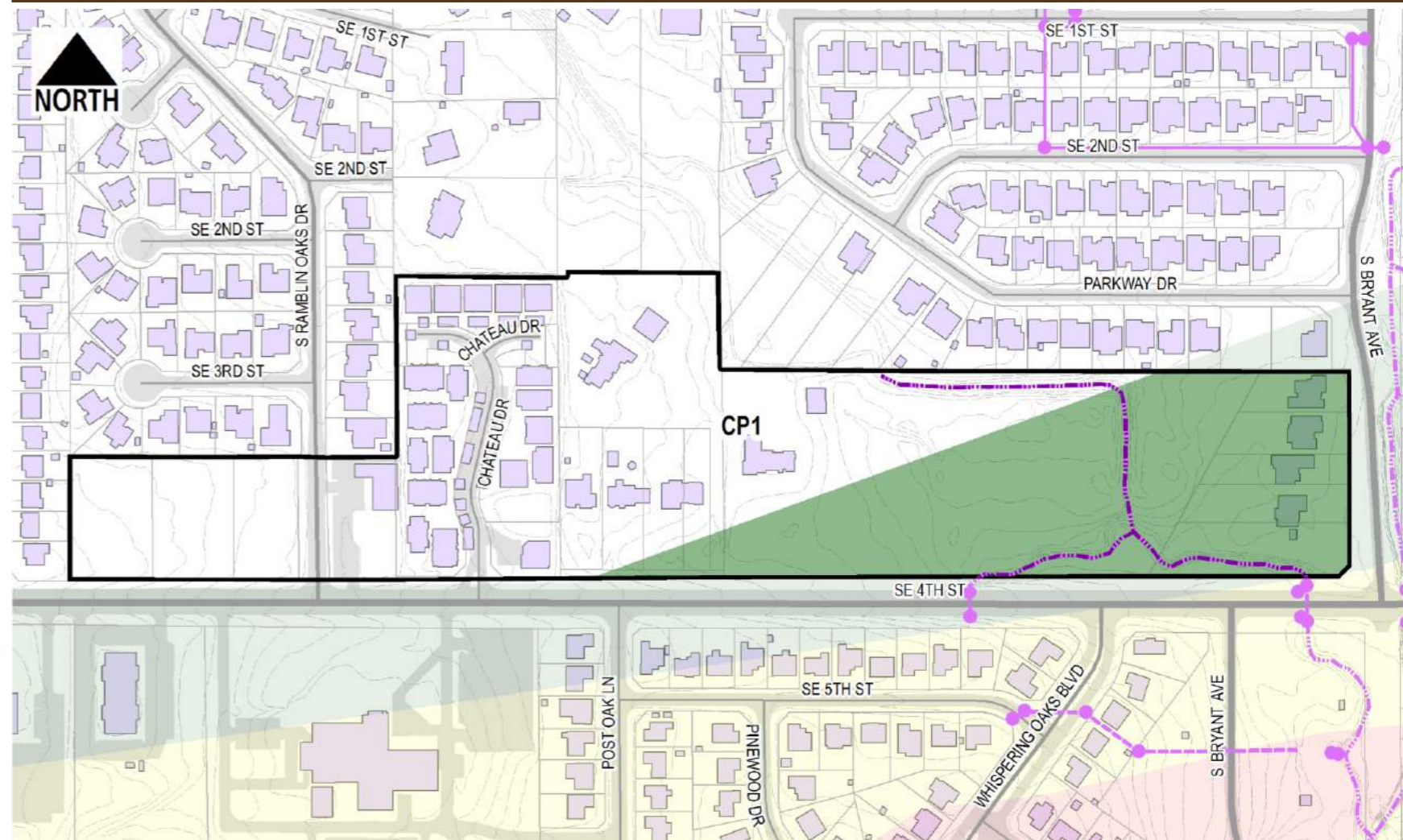
Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	0			
Total Drainage Channel Length (ft)	1503			
Total Storm Sewer Structures (ea)	0			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	0	0.00	2.00	0.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	257	0.17	10.00	1.71
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1246	0.83	5.00	4.15
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1503	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				7.85

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	1	0.50	0.50	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	1	0.50	0.50	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Carriage Park
Assessment Sub-Area CP1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.06.2	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Infrastructure Photographs

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00



Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Rating Index (IRI) **35.35**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue

Assessment Sub-Area EA1

Infrastructure Category Drainage

Exhibit Group E.4

Assessment Data

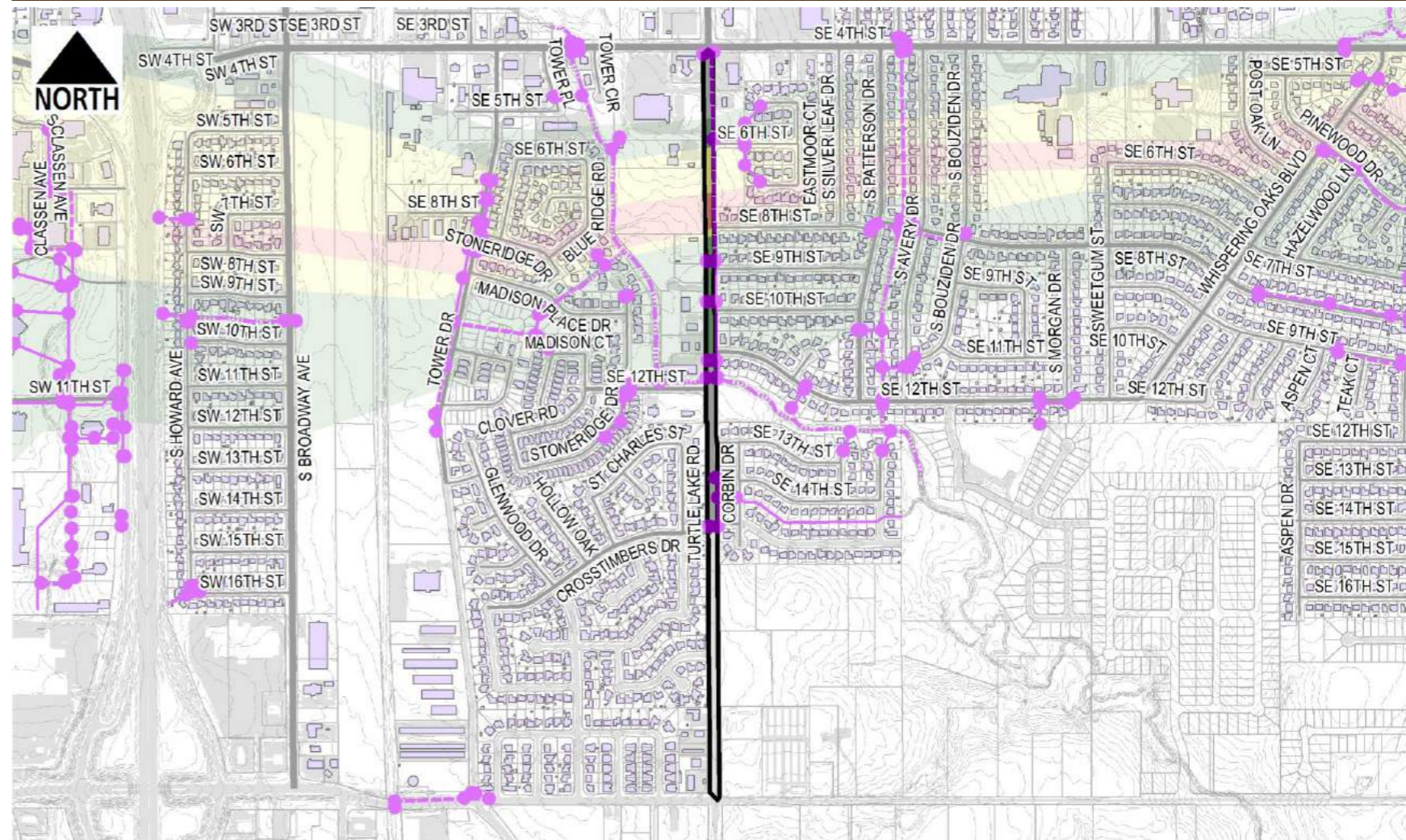
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3037			
Total Drainage Channel Length (ft)	23			
Total Storm Sewer Structures (ea)	20			
Line Size				
RCB	127	0.04	10.00	0.42
Diameter 36-in equivalent or greater (ft)	1378	0.45	10.00	4.54
Diameter 18-in to 30-in equivalent (ft)	123	0.04	5.00	0.20
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1536	0.51	1.00	0.51
Material				
Length of Corrugated Metal (ft)	1027	0.34	10.00	3.38
Length of Concrete (ft)	348	0.11	5.00	0.57
Length of Unknown (ft)	1536	0.51	2.00	1.01
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	20	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	2645	0.86	10.00	8.64
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	415	0.14	5.00	0.68
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3060	1.00	2.00	2.00
Age				
More than 20-years	1528	0.50	10.00	5.03
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1509	0.50	1.00	0.50

Background Score 29.48

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	1	0.50	0.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
Assessment Sub-Area EA1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	251	0.08	10.00	0.83
Length within EF2 to EF4 Damage Area prior to disaster (ft)	368	0.12	5.00	0.61
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1224	0.40	2.00	0.81
Length Outside Damage Area prior to Disaster (ft)	1194	0.39	1.00	0.39
Damage Score				2.63

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
MH1: DRAINAGE CHANNEL IMPROVEMENTS, EAST OF HUNTER'S GLENN AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3037	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **48.61**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

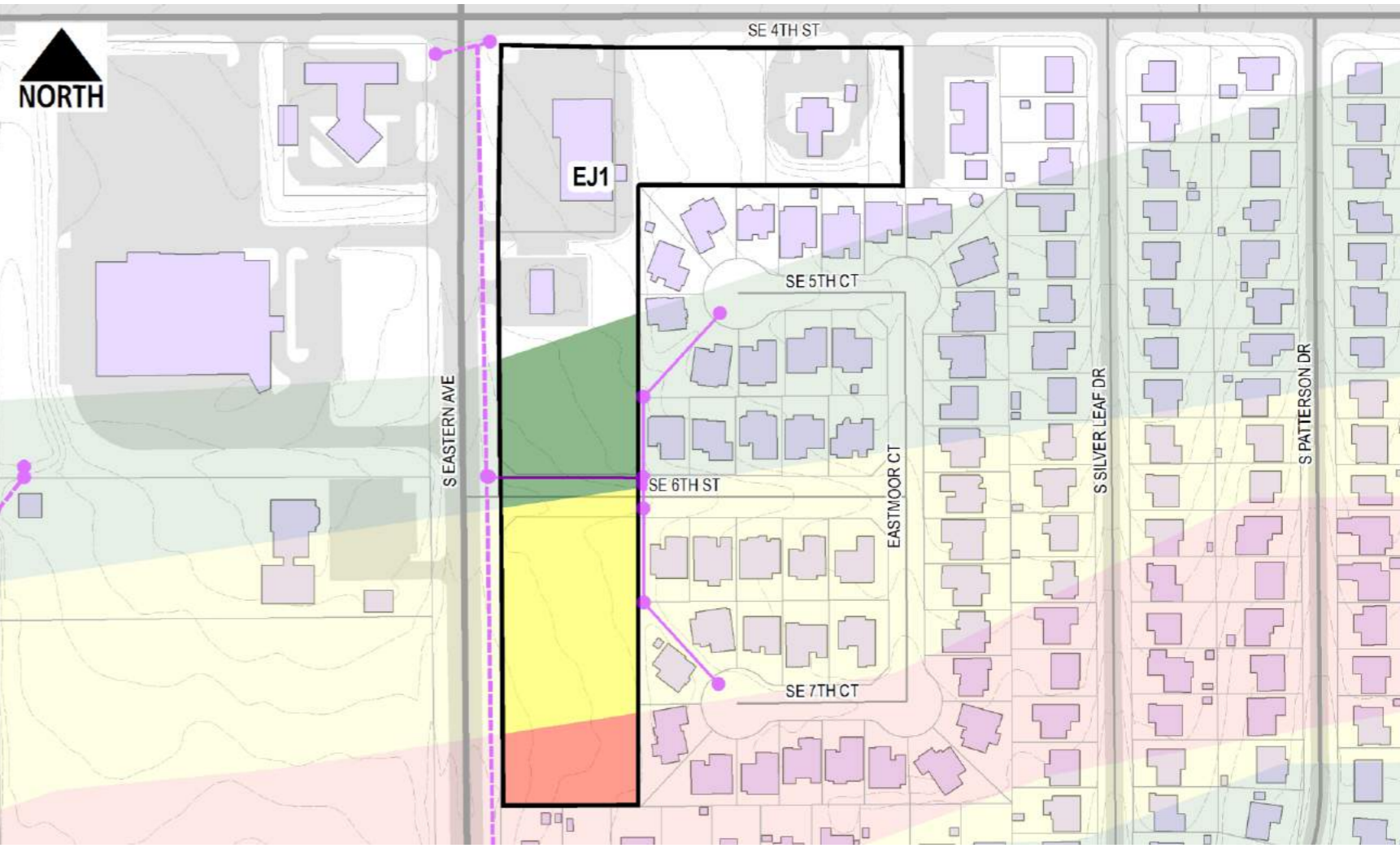
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	200			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	0			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	200	1.00	10.00	10.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of Corrugated Metal (ft)	200	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	0	0.00	2.00	0.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	200	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	17	0.09	5.00	0.43
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	183	0.92	2.00	1.83
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	200	1.00	4.00	4.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 36.26

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	200	1.00	2.00	2.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				2.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	200	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **48.26**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

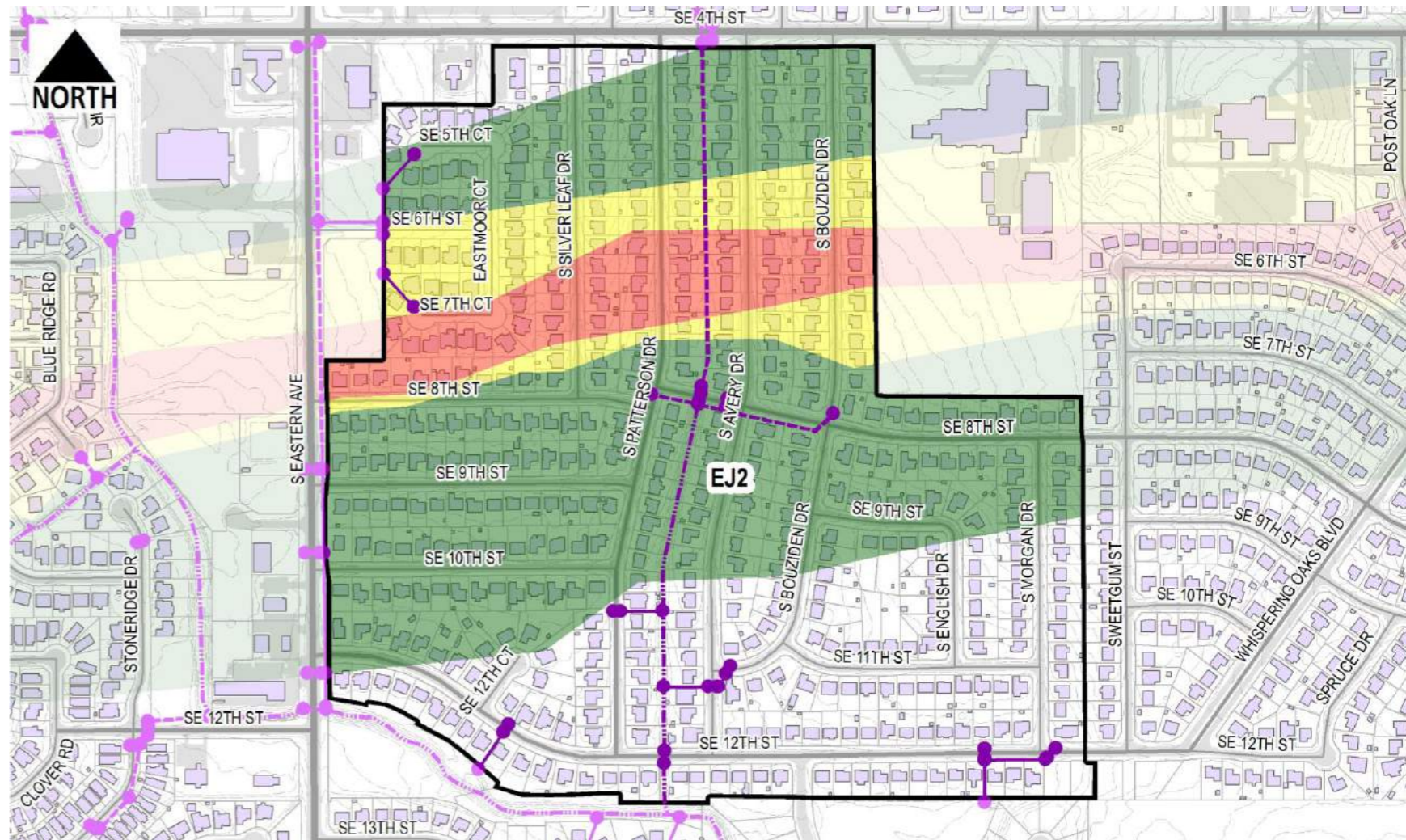
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3775			
Total Drainage Channel Length (ft)	1337			
Total Storm Sewer Structures (ea)	37			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	917	0.24	10.00	2.43
Diameter 18-in to 30-in equivalent (ft)	816	0.22	5.00	1.08
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	2041	0.54	1.00	0.54
Material				
Length of Corrugated Metal (ft)	1699	0.45	10.00	4.50
Length of Concrete (ft)	34	0.01	5.00	0.05
Length of Unknown (ft)	2041	0.54	2.00	1.08
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	7	0.19	5.00	0.95
Structures within "Low Concrete Corrosion Potential" (ea)	30	0.81	2.00	1.62
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	4793	0.94	10.00	9.38
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	319	0.06	5.00	0.31
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	611	0.12	5.00	0.60
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	4501	0.88	2.00	1.76
Age				
More than 20-years	3164	0.84	10.00	8.38
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	611	0.16	4.00	0.65
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 33.32

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	26	0.50	13.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 13.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	300	0.08	10.00	0.79
Length within EF2 to EF4 Damage Area prior to disaster (ft)	569	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1802	0.48	2.00	0.95
Length Outside Damage Area prior to Disaster (ft)	1103	0.29	1.00	0.29
Damage Score				2.80

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
EJ2: DRAINAGE IMPROVEMENTS @ SE 8TH AND PATTERSON DRIVE	1.00	5.00	5.00	
SUB-AREA EJ2: REPLACEMENT OF ALL EXISTING STORM SEWER IN SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3775	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **75.12**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ5
 Infrastructure Category: Drainage
 Exhibit Group: E.4

Assessment Data

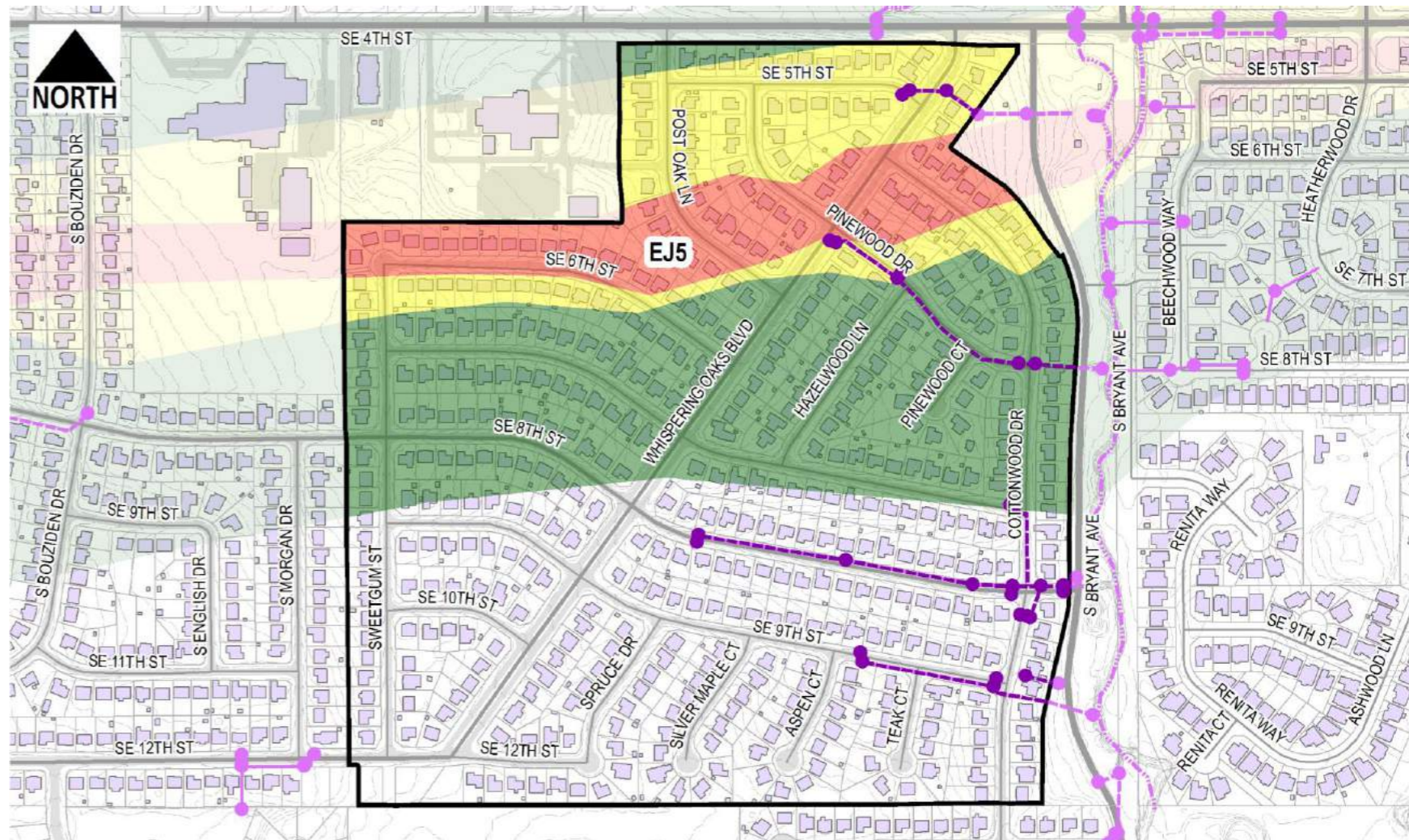
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3865			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	31			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	3865	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	3865	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	31	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	2511	0.65	10.00	6.50
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1353	0.35	5.00	1.75
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3865	1.00	2.00	2.00
Age				
More than 20-years	3860	1.00	10.00	9.99
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5	0.00	1.00	0.00

Background Score 25.24

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	5	0.50	2.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 2.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ5
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	553	0.14	5.00	0.72
Length within EF0 to EF2 Damage Area prior to disaster (ft)	724	0.19	2.00	0.37
Length Outside Damage Area prior to Disaster (ft)	2588	0.67	1.00	0.67
Damage Score				1.76

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ5: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	63	0.02	10.00	0.16
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.16

Infrastructure Photographs



Infrastructure Rating Index (IRI) **40.66**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ6

Infrastructure Category Drainage

Exhibit Group E.4

Assessment Data

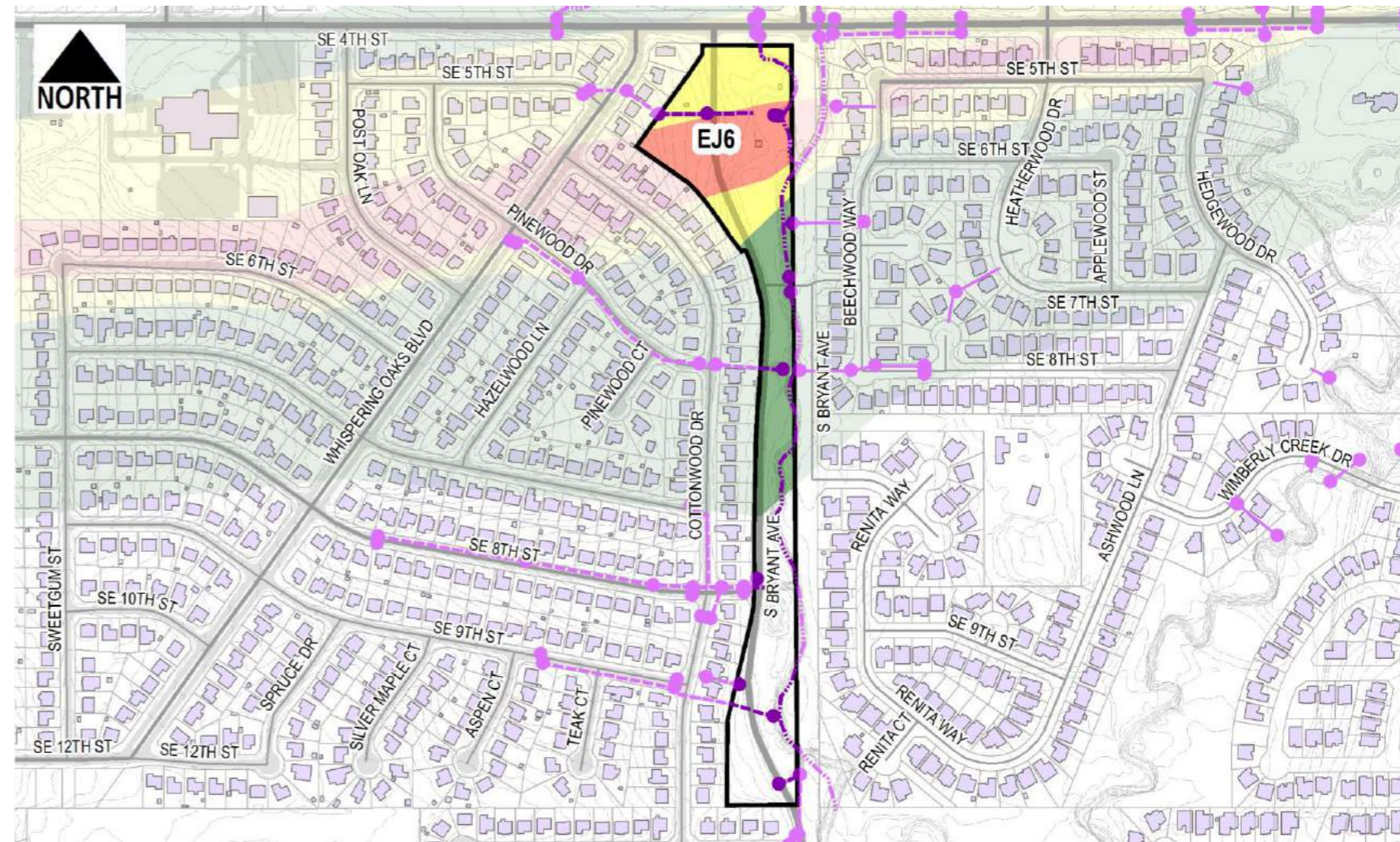
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	839			
Total Drainage Channel Length (ft)	2068			
Total Storm Sewer Structures (ea)	12			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	839	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	839	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	12	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	213	0.07	10.00	0.73
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	2693	0.93	5.00	4.63
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2907	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	838	1.00	1.00	1.00

Background Score 13.36

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	1	0.50	0.50	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	27	0.50	13.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 14.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ6
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	128	0.15	10.00	1.53
Length within EF2 to EF4 Damage Area prior to disaster (ft)	209	0.25	5.00	1.25
Length within EF0 to EF2 Damage Area prior to disaster (ft)	141	0.17	2.00	0.34
Length Outside Damage Area prior to Disaster (ft)	360	0.43	1.00	0.43
Damage Score				3.54

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ6: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.90**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

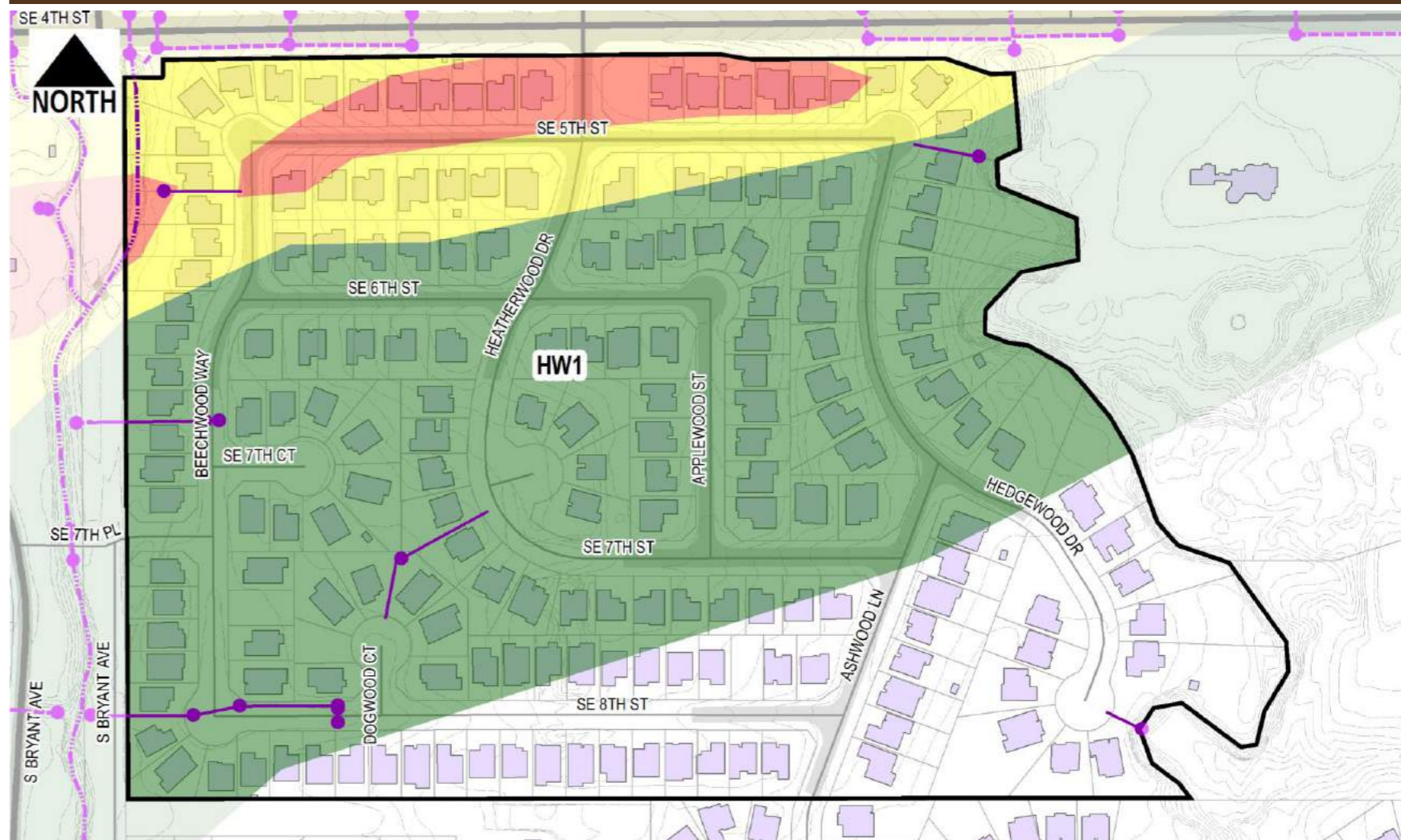
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1126			
Total Drainage Channel Length (ft)	313			
Total Storm Sewer Structures (ea)	11			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	136	0.12	10.00	1.21
Diameter 18-in to 30-in equivalent (ft)	412	0.37	5.00	1.83
Diameter Less than 18-in equivalent (ft)	338	0.30	1.00	0.30
Diameter Unknown (ft)	239	0.21	1.00	0.21
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	646	0.57	5.00	2.87
Length of Unknown (ft)	480	0.43	2.00	0.85
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	11	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1440	1.00	5.00	5.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1440	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	239	0.21	5.00	1.06
10 to 15-years	887	0.79	4.00	3.15
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 20.49

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	2	0.50	1.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	1	0.50	0.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
Assessment Sub-Area HW1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	25	0.02	10.00	0.22
Length within EF2 to EF4 Damage Area prior to disaster (ft)	104	0.09	5.00	0.46
Length within EF0 to EF2 Damage Area prior to disaster (ft)	931	0.83	2.00	1.65
Length Outside Damage Area prior to Disaster (ft)	66	0.06	1.00	0.06
Damage Score				2.40

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
SUB-AREA HW1: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	5.00
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.38**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

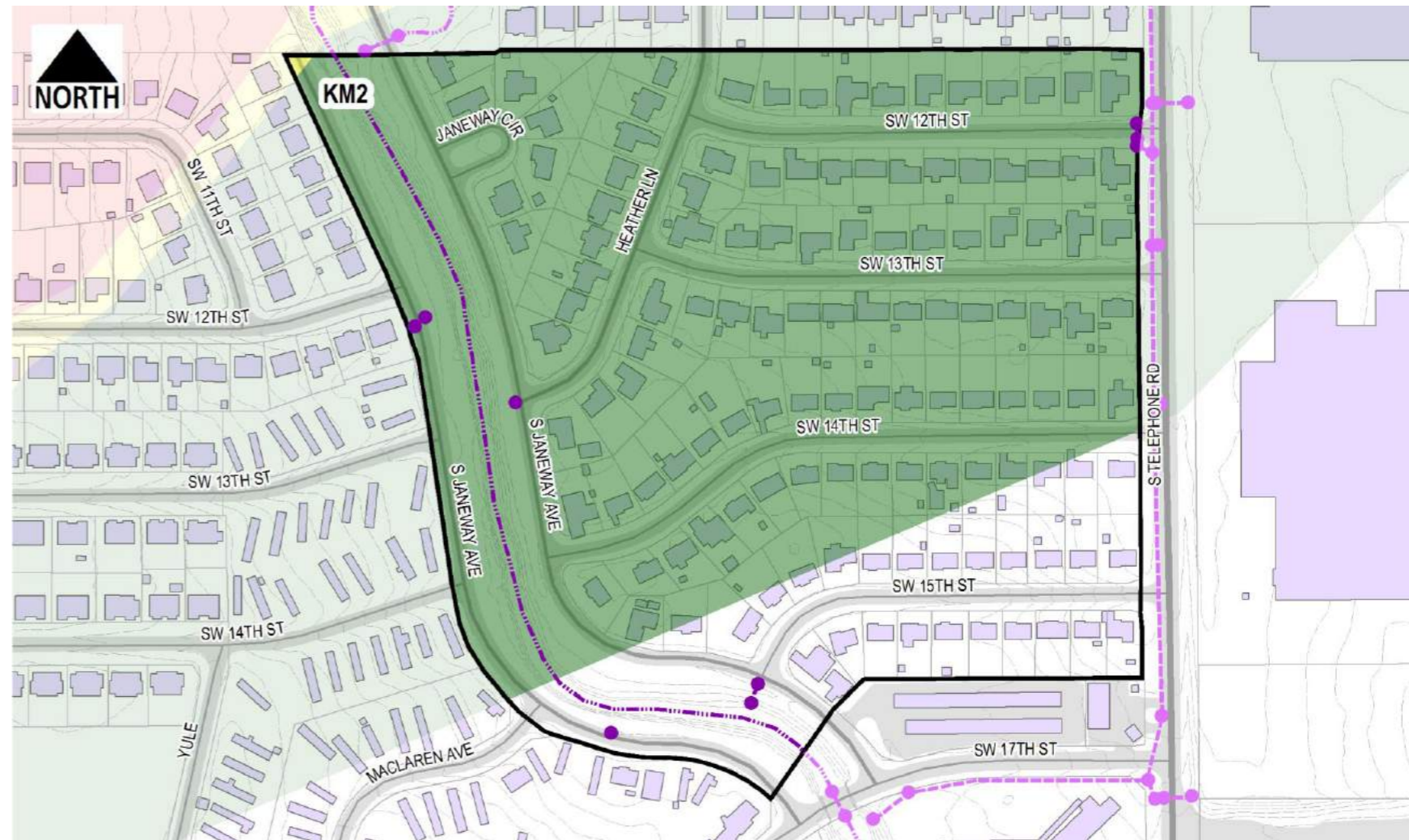
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	78			
Total Drainage Channel Length (ft)	1643			
Total Storm Sewer Structures (ea)	9			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	78	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	78	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	9	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	43	0.02	10.00	0.25
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1677	0.97	5.00	4.87
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1721	1.00	2.00	2.00
Age				
More than 20-years	78	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 22.12

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	1	0.50	0.50	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	4	0.50	2.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	22	0.50	11.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 14.00



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	43	0.55	2.00	1.10
Length Outside Damage Area prior to Disaster (ft)	35	0.45	1.00	0.45
Damage Score				1.55

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
STREAM RESTORATION, FOREST & NATIVE GRASS RESTORATION PER PUBLIC COMMENT A	1.00	5.00	5.00	
SUB-AREA KM2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **93.67**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

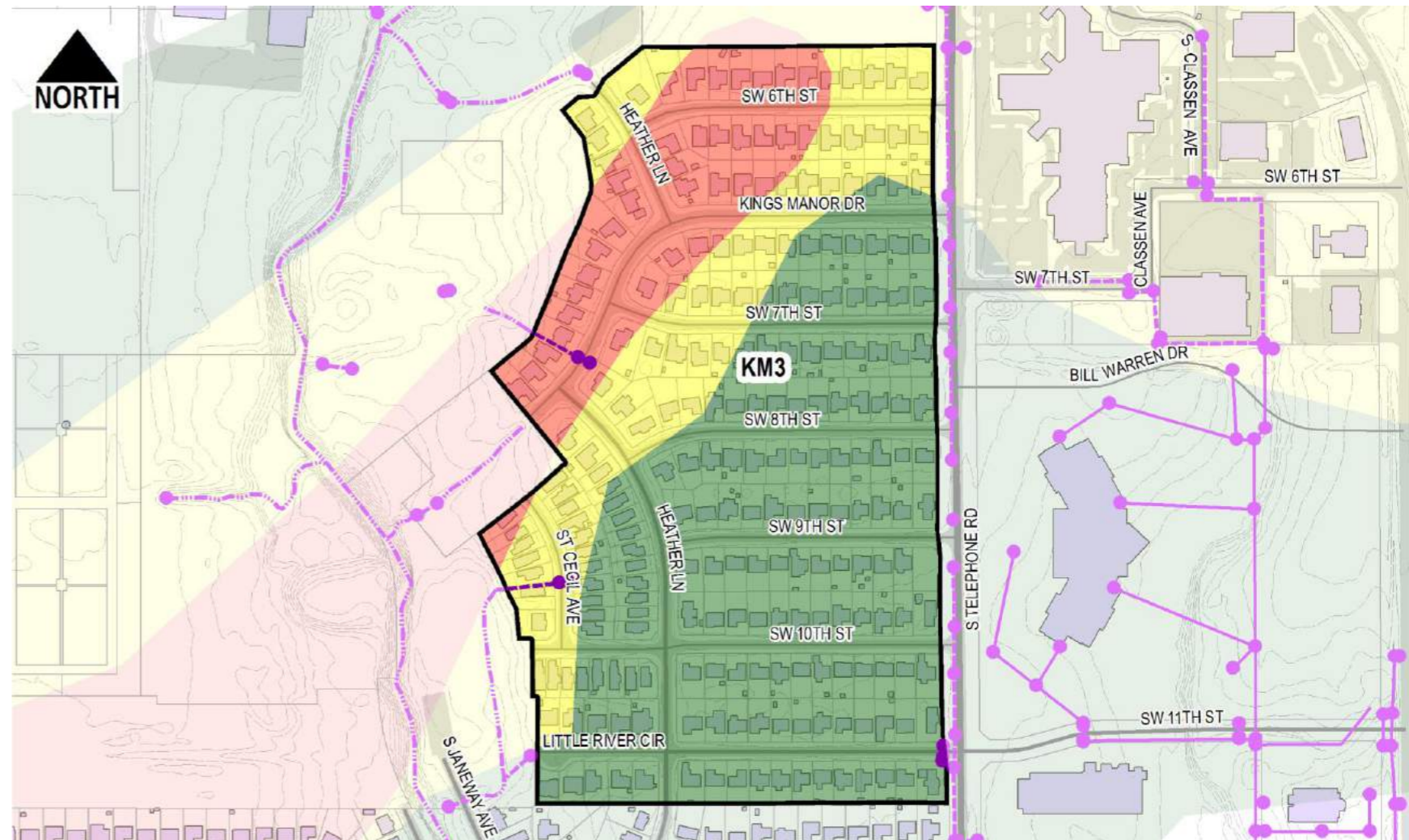
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	413			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	7			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	413	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	413	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	329	0.80	10.00	7.97
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	84	0.20	5.00	1.02
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	413	1.00	2.00	2.00
Age				
More than 20-years	413	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 25.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	1	0.50	0.50	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	15	0.50	7.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 8.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM3
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	180	0.44	10.00	4.36
Length within EF2 to EF4 Damage Area prior to disaster (ft)	174	0.42	5.00	2.11
Length within EF0 to EF2 Damage Area prior to disaster (ft)	59	0.14	2.00	0.29
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				6.75

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM3: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	232	0.56	10.00	5.62
Length within 0.25-mi of Emergency Response Facility (ft)	232	0.56	5.00	2.81
Proximity Score				8.43

Infrastructure Photographs



Infrastructure Rating Index (IRI) **100.16**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

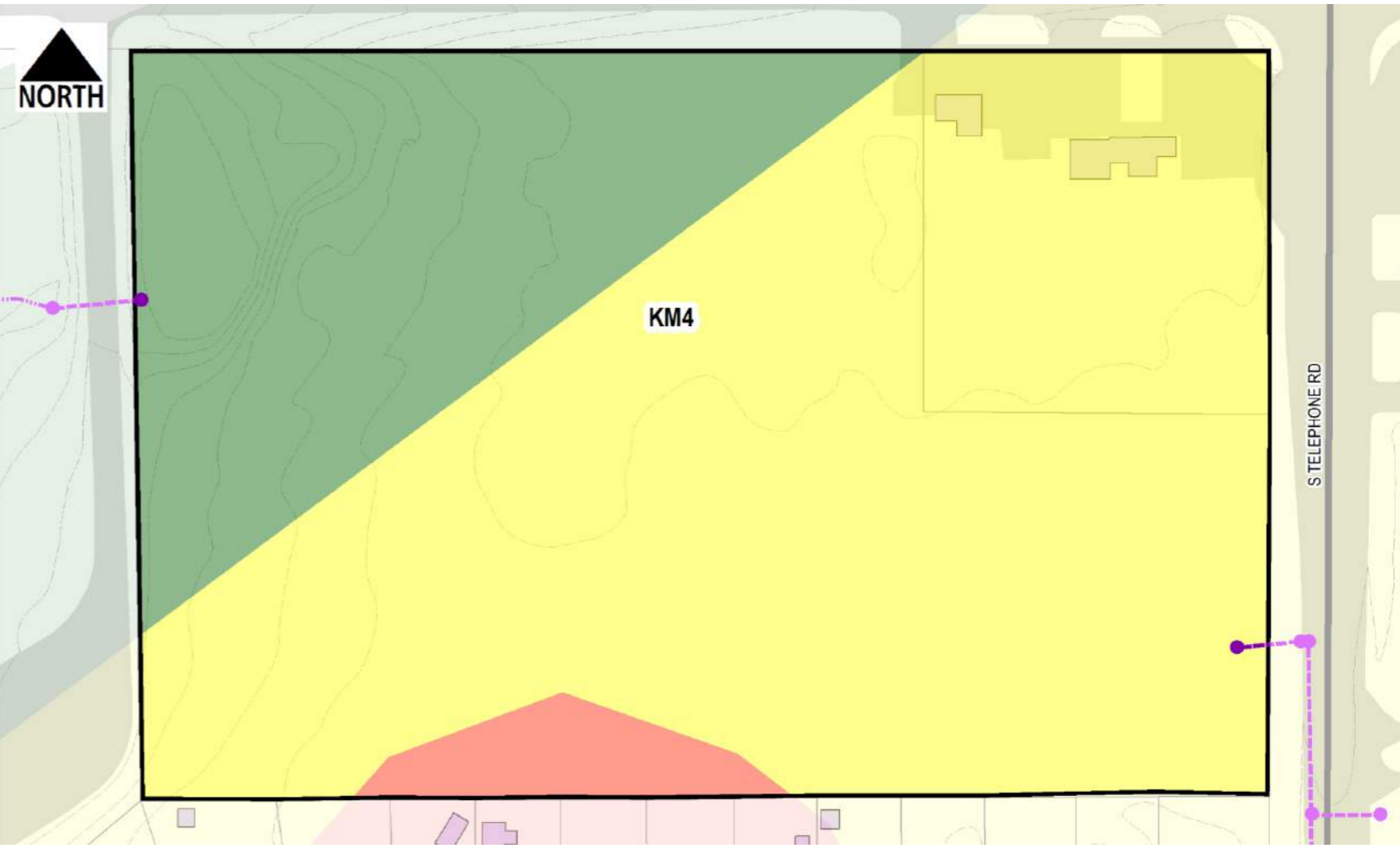
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)				
Total Storm Sewer Line Length (ft)	29			
Total Drainage Channel Length (ft)				
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)				
Total Storm Sewer Structures (ea)	2			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	29	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	29	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	2	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	29	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	29	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 17.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	24	0.83	5.00	4.14
Length within EF0 to EF2 Damage Area prior to disaster (ft)	6	0.21	2.00	0.41
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.55

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	29	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	29	1.00	5.00	5.00
Proximity Score				15.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **36.55**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
Assessment Sub-Area LR1
Infrastructure Category Drainage
Exhibit Group E.4

Assessment Data

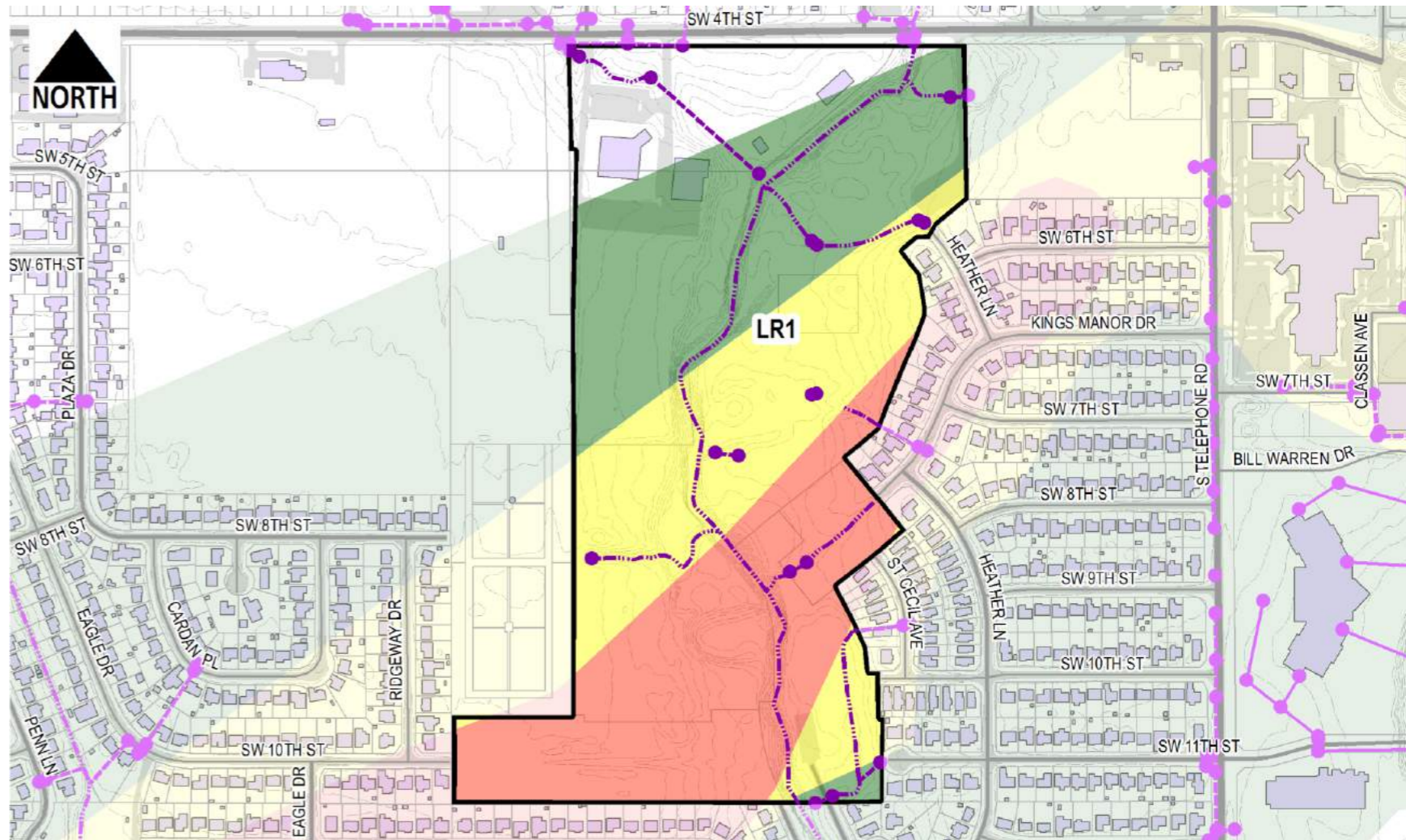
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1349			
Total Drainage Channel Length (ft)	5928			
Total Storm Sewer Structures (ea)	21			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1349	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	1349	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	21	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1422	0.20	10.00	1.95
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	5855	0.80	5.00	4.02
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	7277	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 12.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
Assessment Sub-Area LR1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	94	0.07	10.00	0.70
Length within EF2 to EF4 Damage Area prior to disaster (ft)	141	0.10	5.00	0.52
Length within EF0 to EF2 Damage Area prior to disaster (ft)	395	0.29	2.00	0.59
Length Outside Damage Area prior to Disaster (ft)	719	0.53	1.00	0.53
Damage Score				2.34

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
STREAM RESTORATION, FOREST & NATIVE GRASS RESTORATION PER PUBLIC COMMENT A	1.00	5.00	5.00	
PT5: DRAINAGE IMPROVEMENTS, TERMINATION OF SW 8TH STREET	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	108	0.08	10.00	0.80
Length within 0.25-mi of Emergency Response Facility (ft)	108	0.08	5.00	0.40
Proximity Score				1.20

Infrastructure Photographs



Infrastructure Rating Index (IRI) **37.02**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH1
 Infrastructure Category: Drainage
 Exhibit Group: E.4

Assessment Data

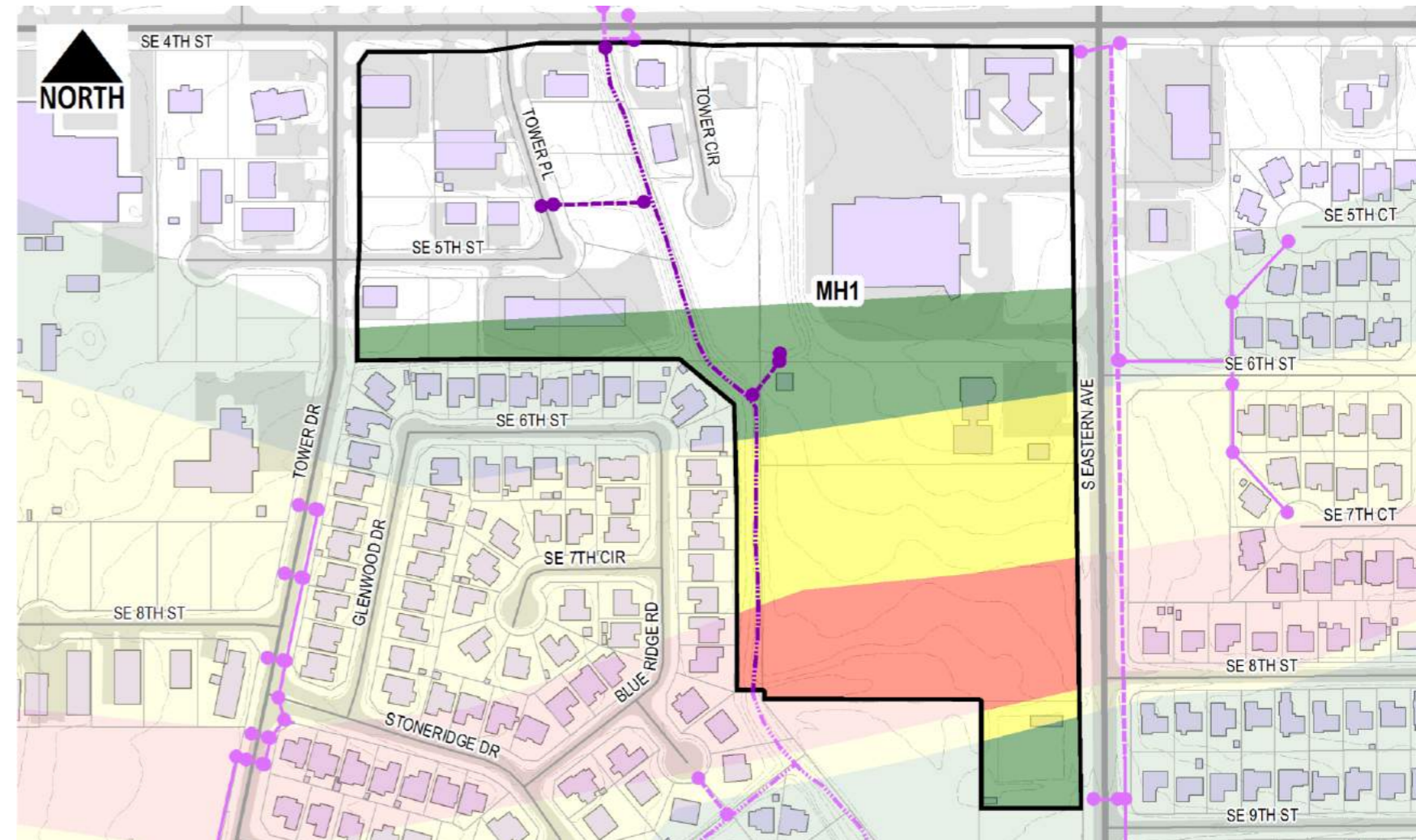
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	313			
Total Drainage Channel Length (ft)	1320			
Total Storm Sewer Structures (ea)	7			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	313	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	313	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	254	0.16	10.00	1.56
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1379	0.84	5.00	4.22
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1633	1.00	2.00	2.00
Age				
More than 20-years	214	0.68	10.00	6.84
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	99	0.32	1.00	0.32

Background Score 19.93

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	5	0.50	2.50
D4 - Insufficient armoring	3	0.50	1.50	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 4.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	99	0.32	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	214	0.68	1.00	0.68
Damage Score				1.32

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
MH1: DRAINAGE CHANNEL IMPROVEMENTS, EAST OF HUNTER'S GLENN AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	313	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.75**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH2
 Infrastructure Category: Drainage
 Exhibit Group: E.4

Assessment Data

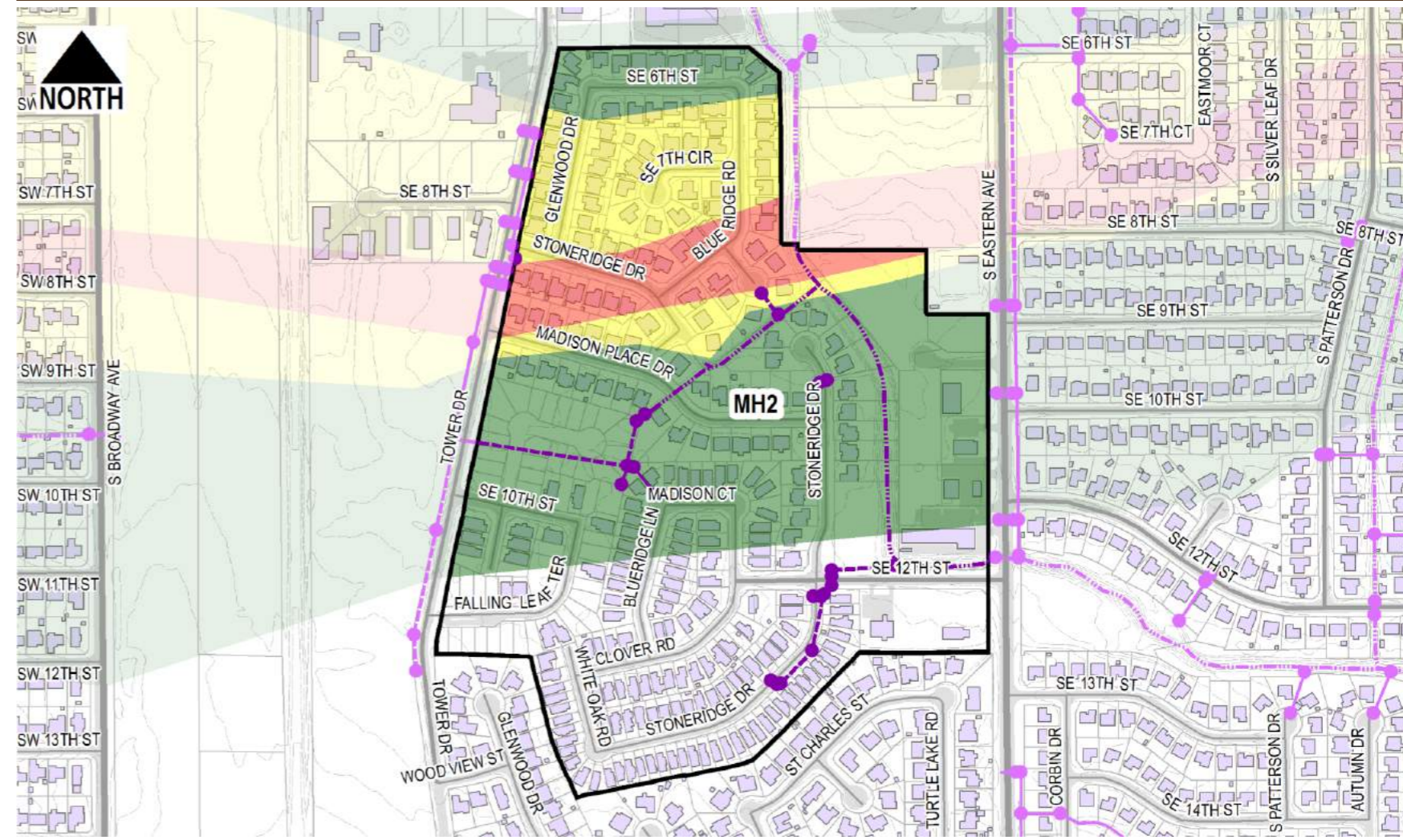
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1724			
Total Drainage Channel Length (ft)	2192			
Total Storm Sewer Structures (ea)	22			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	52	0.03	10.00	0.30
Diameter 18-in to 30-in equivalent (ft)	87	0.05	5.00	0.25
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1585	0.92	1.00	0.92
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	138	0.08	5.00	0.40
Length of Unknown (ft)	1585	0.92	2.00	1.84
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	22	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	3581	0.91	10.00	9.14
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	335	0.09	5.00	0.43
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3916	1.00	2.00	2.00
Age				
More than 20-years	580	0.34	10.00	3.36
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	236	0.14	4.00	0.55
less than 10-years	733	0.43	2.00	0.85
Unknown	175	0.10	1.00	0.10

Background Score 22.15

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	21	0.50	10.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 11.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's GI
Assessment Sub-Area MH2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	105	0.06	5.00	0.30
Length within EF0 to EF2 Damage Area prior to disaster (ft)	915	0.53	2.00	1.06
Length Outside Damage Area prior to Disaster (ft)	704	0.41	1.00	0.41
Damage Score				1.77

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
MH1: DRAINAGE CHANNEL IMPROVEMENTS, EAST OF HUNTER'S GLENN AREA	1.00	5.00	5.00	
SUB-AREA MH2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1656	0.96	10.00	9.61
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.61

Infrastructure Photographs



Infrastructure Rating Index (IRI) **60.53**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

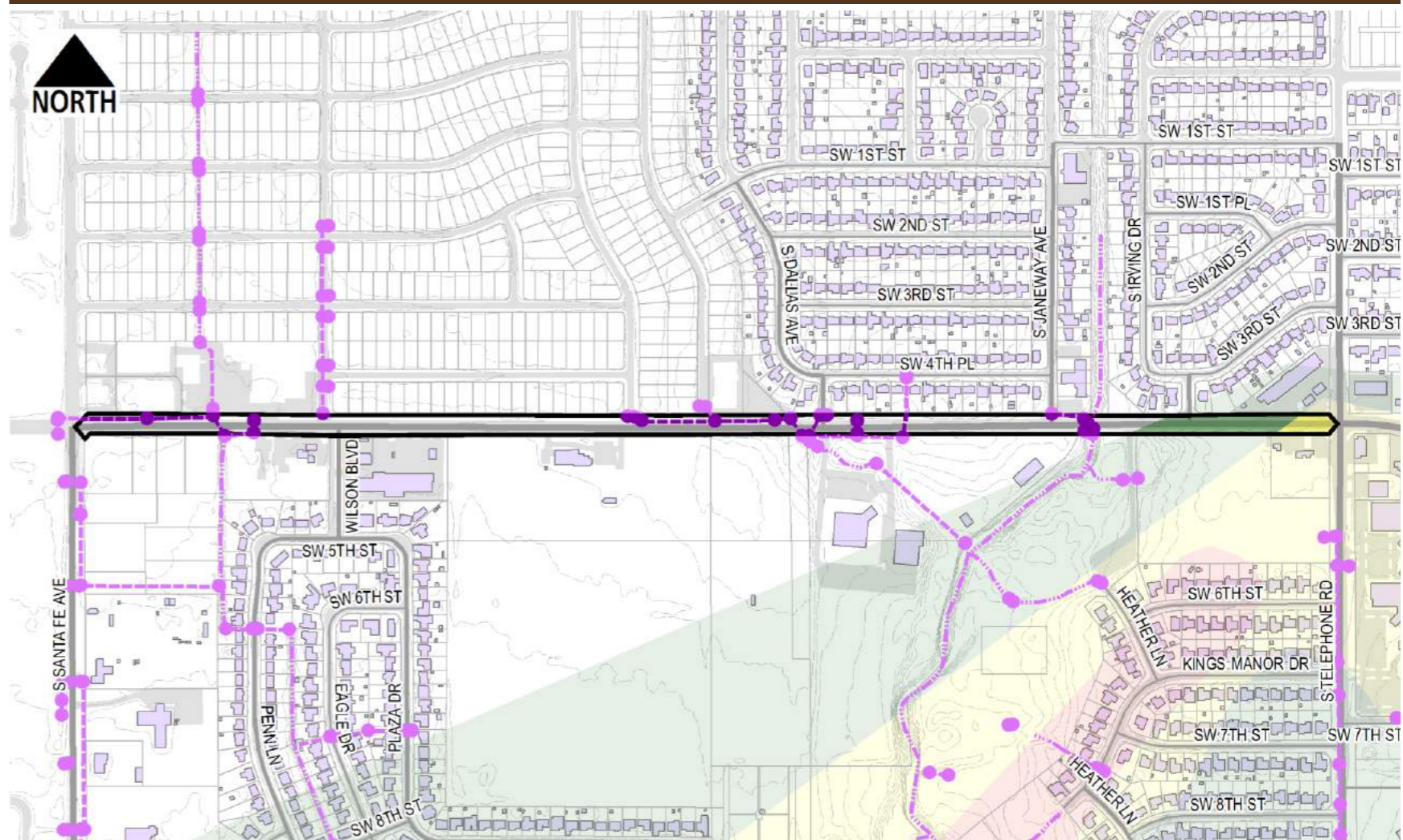
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	2209			
Total Drainage Channel Length (ft)	44			
Total Storm Sewer Structures (ea)	23			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	2209	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	2209	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	23	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1974	0.88	10.00	8.76
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	279	0.12	5.00	0.62
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2253	1.00	2.00	2.00
Age				
More than 20-years	661	0.30	10.00	2.99
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1548	0.70	1.00	0.70

Background Score 20.07

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	1	0.50	0.50
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4A
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	2209	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	286	0.13	10.00	1.29
Length within 0.25-mi of Emergency Response Facility (ft)	286	0.13	5.00	0.65
Proximity Score				1.94

Infrastructure Photographs



Infrastructure Rating Index (IRI) **45.02**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

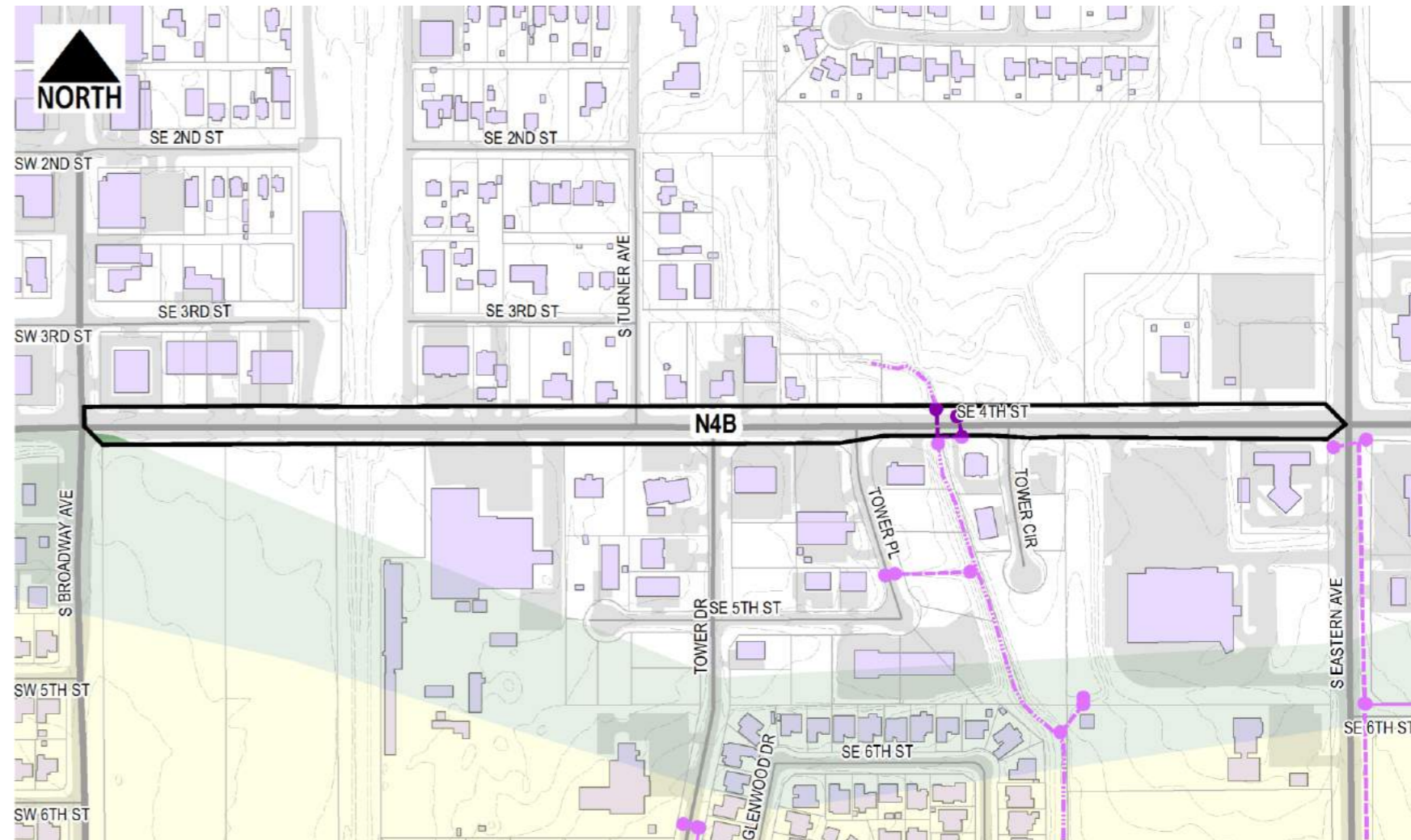
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	175			
Total Drainage Channel Length (ft)	9			
Total Storm Sewer Structures (ea)	3			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	175	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	175	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	183	0.99	5.00	4.97
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	183	0.99	2.00	1.99
Age				
More than 20-years	63	0.36	10.00	3.60
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	112	0.64	1.00	0.64

Background Score 16.20

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	1	0.50	0.50	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4B
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	175	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	175	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **33.70**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

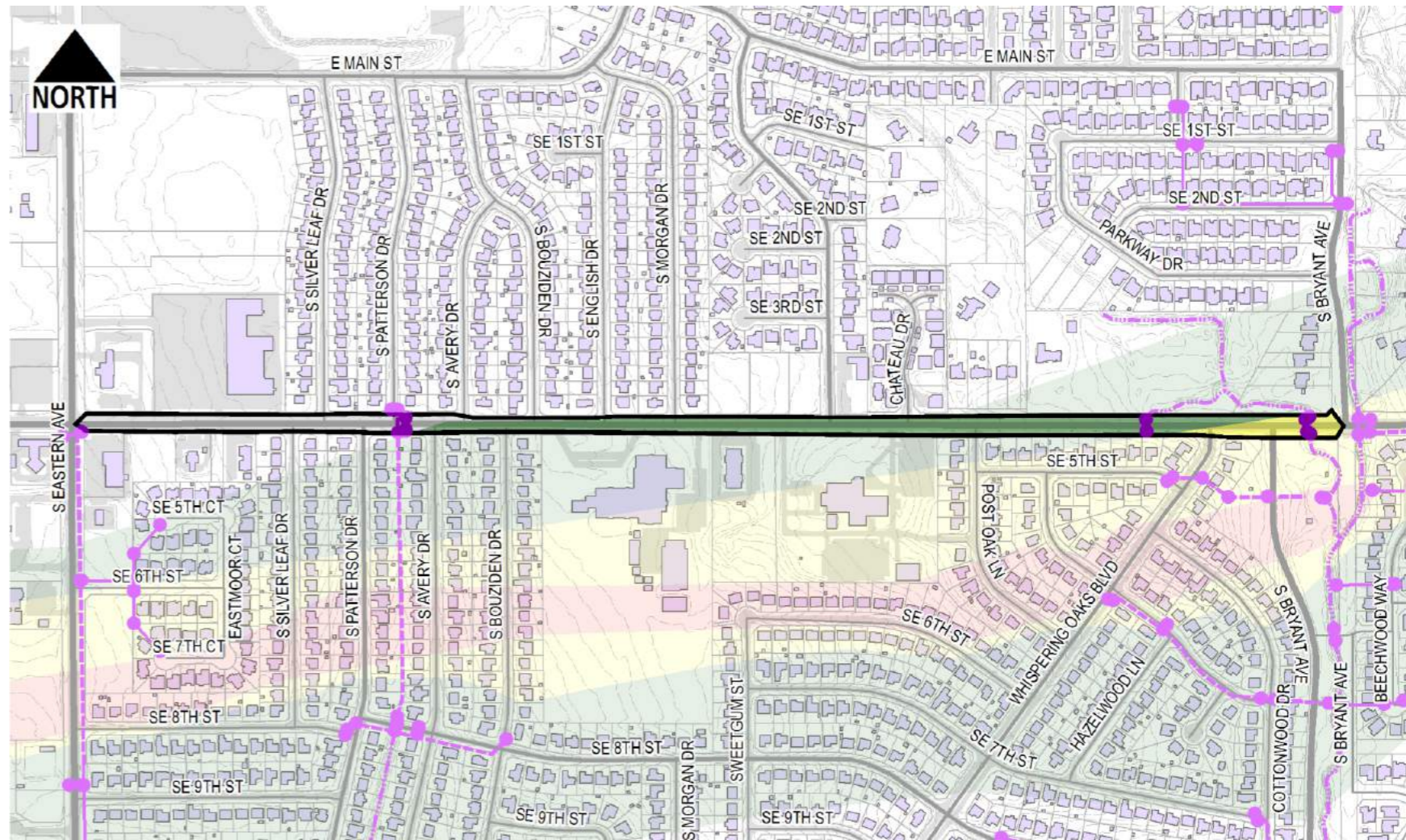
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	336			
Total Drainage Channel Length (ft)	52			
Total Storm Sewer Structures (ea)	10			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	336	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	336	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	10	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	266	0.69	10.00	6.86
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	122	0.31	5.00	1.57
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	388	1.00	2.00	2.00
Age				
More than 20-years	80	0.24	10.00	2.38
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	256	0.76	1.00	0.76

Background Score 18.57

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	2	0.50	1.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	2	0.50	1.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 2.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4C
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	87	0.26	5.00	1.29
Length within EF0 to EF2 Damage Area prior to disaster (ft)	67	0.20	2.00	0.40
Length Outside Damage Area prior to Disaster (ft)	183	0.54	1.00	0.54
Damage Score				2.24

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	183	0.54	10.00	5.45
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				5.45

Infrastructure Photographs



Infrastructure Rating Index (IRI) **29.76**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

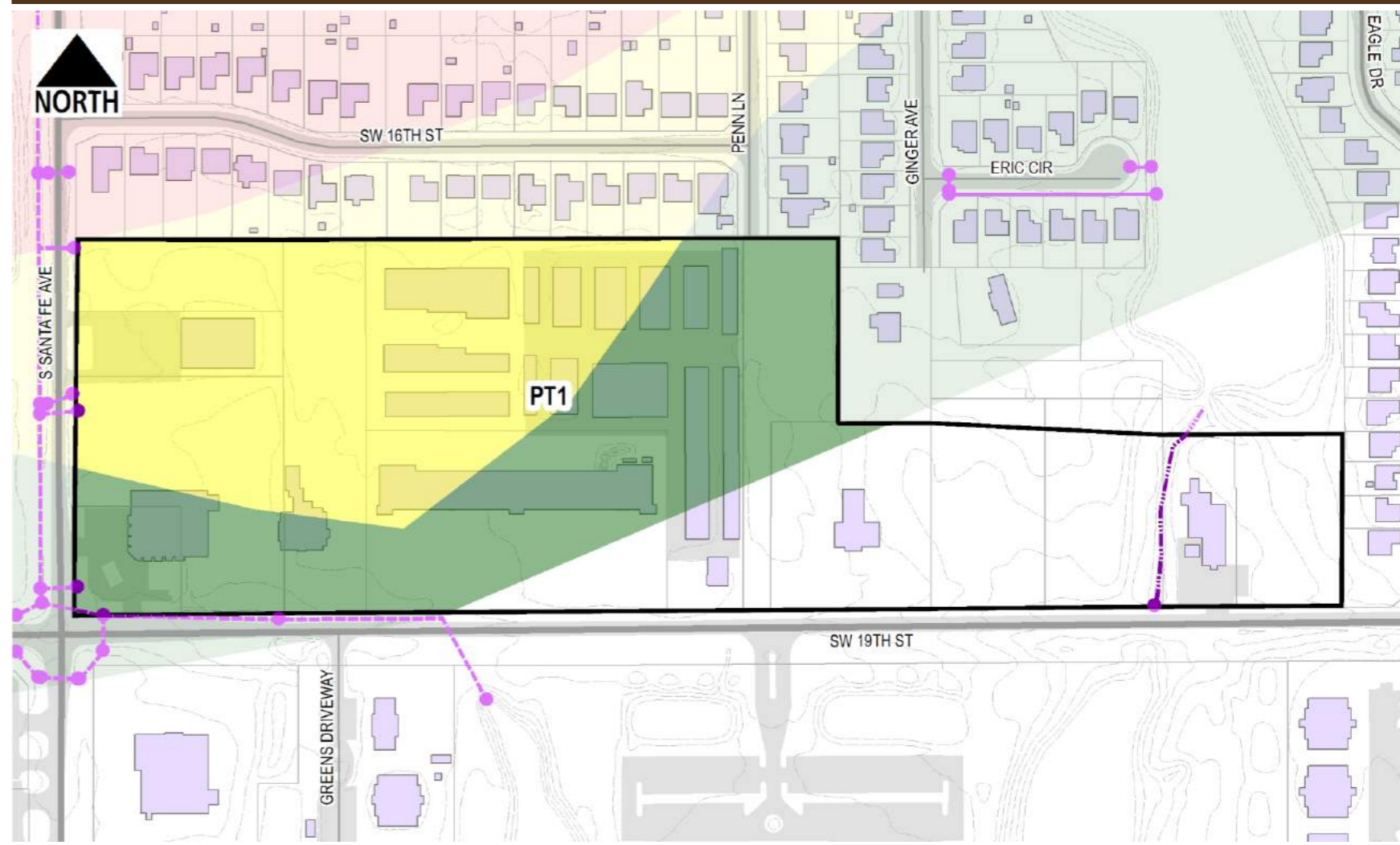
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	158			
Total Drainage Channel Length (ft)	299			
Total Storm Sewer Structures (ea)	4			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	158	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	158	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	4	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	190	0.42	10.00	4.16
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	267	0.58	5.00	2.92
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	457	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 14.08

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	4	0.50	2.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	3	0.50	1.50
D4 - Insufficient armoring	1	0.50	0.50	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	4	0.50	2.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 6.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	9	0.06	5.00	0.28
Length within EF0 to EF2 Damage Area prior to disaster (ft)	149	0.94	2.00	1.89
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				2.17

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT1: STORM SEWER IMPROVEMENTS AT COMMERCIAL PROPERTY, NW OF SW 19TH AND SA	1.00	5.00	5.00	
IMPROVEMENTS TO STORM SEWER AT TERMINATION OF PENN LANE, BACKYARD OF LOTS	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **32.75**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

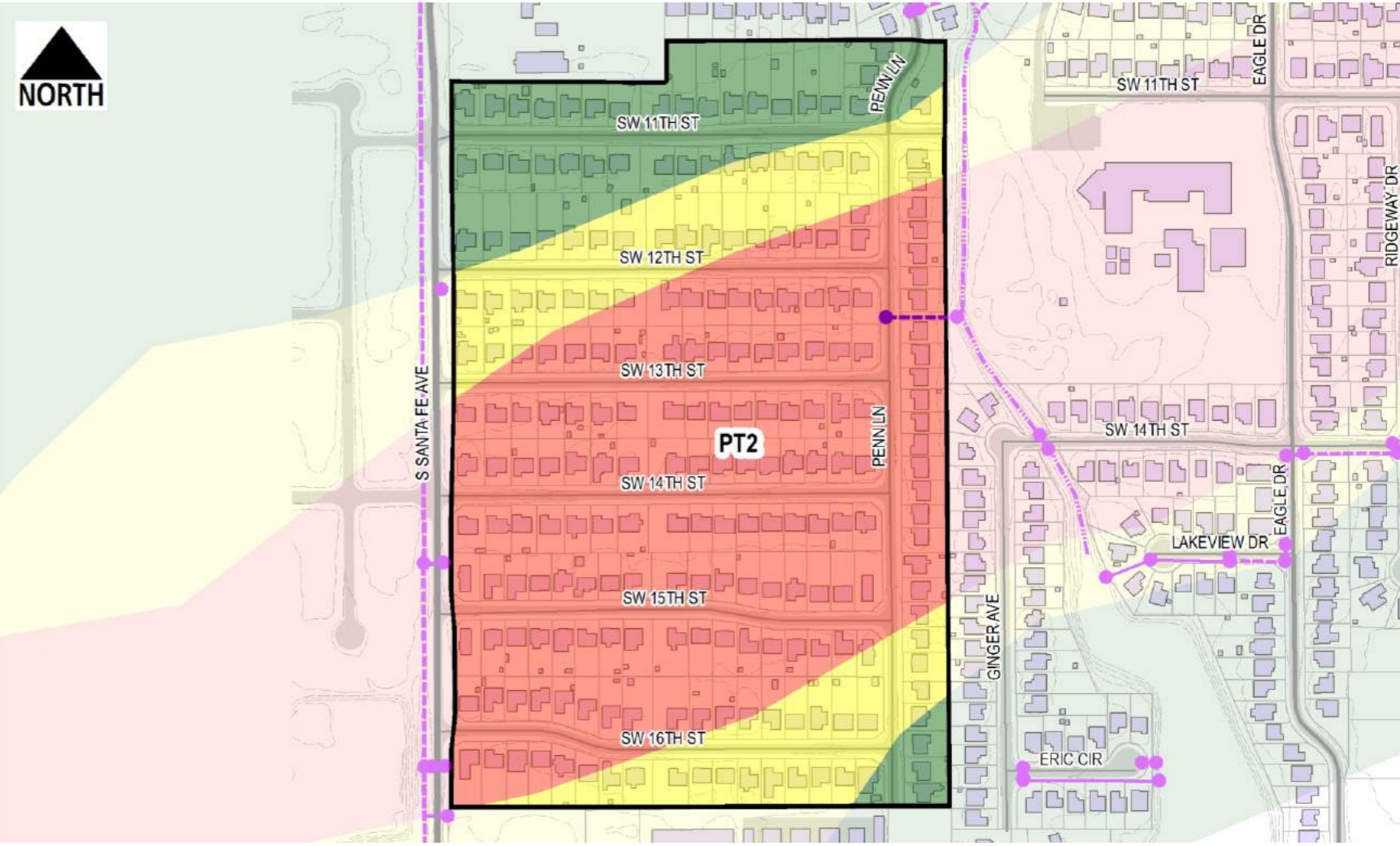
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	159			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	1			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	159	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	159	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	1	1.00	5.00	5.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	159	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	110	0.69	5.00	3.46
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	49	0.31	2.00	0.62
Age				
More than 20-years	159	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 32.08

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	2	0.50	1.00	D8 - Apparent previous maintenance	1	0.50	0.50
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	3	0.50	1.50	D12 - evidence of ponding	54	0.50	27.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 30.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	159	1.00	10.00	10.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT AREA	1.00	5.00	5.00	
IMPROVEMENTS TO STORM SEWER AT TERMINATION OF PENN LANE, BACKYARD OF LOTS	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	159	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **118.58**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

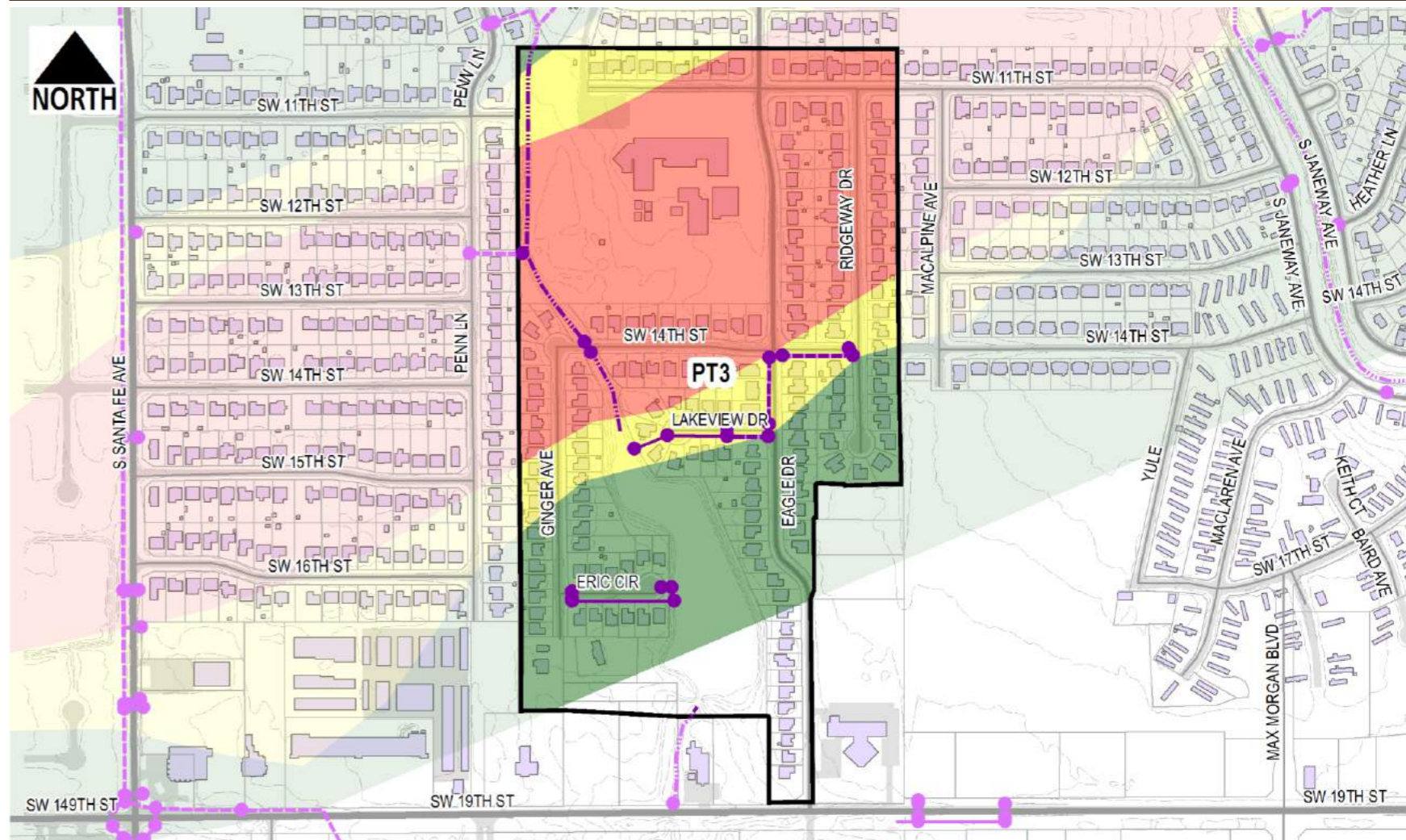
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1567			
Total Drainage Channel Length (ft)	1389			
Total Storm Sewer Structures (ea)	20			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	738	0.47	5.00	2.35
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	828	0.53	1.00	0.53
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	1567	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	4	0.20	5.00	1.00
Structures within "Low Concrete Corrosion Potential" (ea)	16	0.80	2.00	1.60
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	2119	0.72	10.00	7.17
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	837	0.28	5.00	1.42
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	300	0.10	5.00	0.51
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2656	0.90	2.00	1.80
Age				
More than 20-years	718	0.46	10.00	4.58
15 to 20-years	791	0.50	5.00	2.52
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	57	0.04	1.00	0.04

Background Score 25.51

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	2	0.50	1.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	9	0.50	4.50
D4 - Insufficient armoring	6	0.50	3.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	17	0.50	8.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 17.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT3
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	59	0.04	10.00	0.38
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1069	0.68	5.00	3.41
Length within EF0 to EF2 Damage Area prior to disaster (ft)	439	0.28	2.00	0.56
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.35

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
LAKE EDGE RESTORATION/ BEAUTIFIUCATION/SCREEN RESIDENTIAL FROM COMMERCIAL	1.00	5.00	5.00	
SUB-AREA PT3: CONSTRUCTION OF NEW PUBLIC STORM SEWER AS REQUIRED	1.00	5.00	5.00	
IMPROVEMENTS TO STORM SEWER AT TERMINATION OF PENN LANE, BACKYARD OF LOTS	1.00	5.00	5.00	
DRAINAGE CHANNEL INPROVEMENTS NORTH OF POND, NEW RCB STRUCTURE AT SW 11TH	1.00	5.00	5.00	
Opportunity Score				20.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1567	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **103.36**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Drainage
 Exhibit Group E.4

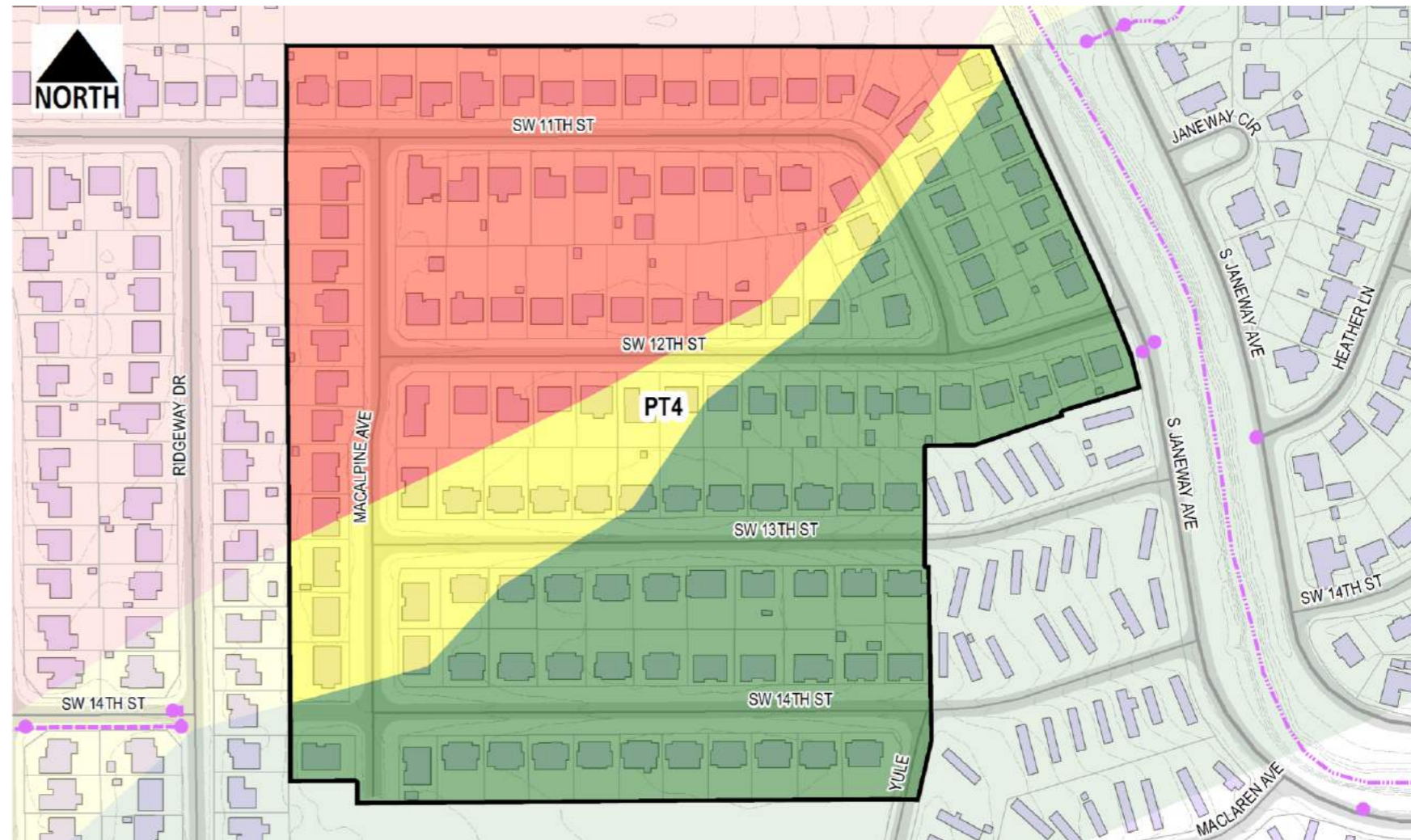
Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	0			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	0			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	0	0.00	2.00	0.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	7	0.50	3.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT4
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT4: PUBLIC STORM SEWER IMPROVEMENTS AS REQUIRED	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **14.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

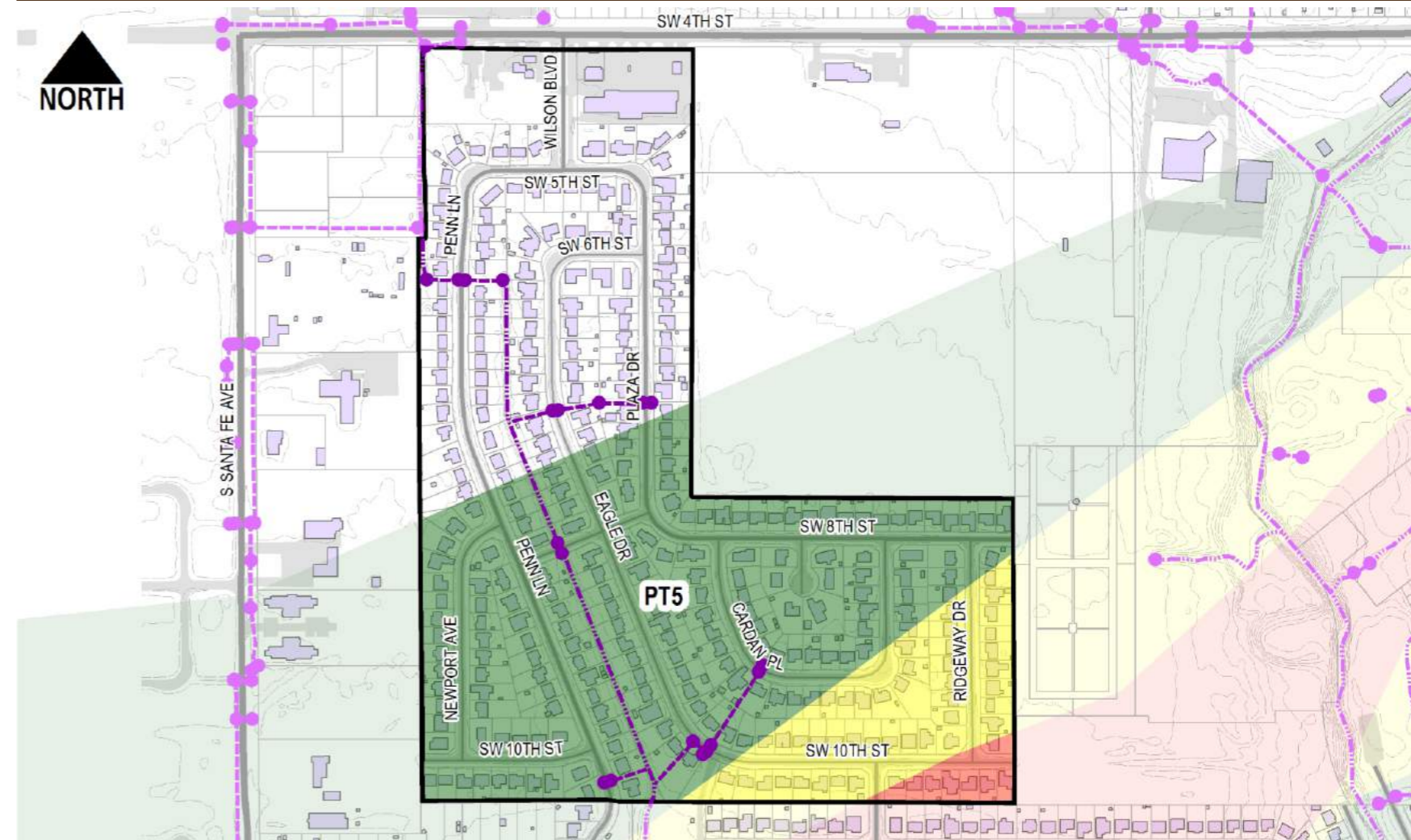
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1569			
Total Drainage Channel Length (ft)	2217			
Total Storm Sewer Structures (ea)	20			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1569	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	1569	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	20	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	3786	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3786	1.00	2.00	2.00
Age				
More than 20-years	1541	0.98	10.00	9.82
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	28	0.02	1.00	0.02

Background Score 26.84

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	1	0.50	0.50	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	4	0.50	2.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	1	0.50	0.50	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	1	0.50	0.50	D12 - evidence of ponding	44	0.50	22.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	2	0.50	1.00				

Condition Score 27.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT5
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	793	0.51	2.00	1.01
Length Outside Damage Area prior to Disaster (ft)	777	0.50	1.00	0.50
Damage Score				1.51

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT5: CONSTRUCTION OF NEW PUBLIC STORM SEWER AS REQUIRED	1.00	5.00	5.00	
PT5: DRAINAGE IMPROVEMENTS, TERMINATION OF SW 8TH STREET	1.00	5.00	5.00	
PT5: CONCRETE CHANNEL REPLACEMENT	1.00	5.00	5.00	
Opportunity Score				15.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	793	0.51	10.00	5.05
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				5.05

Infrastructure Photographs



Infrastructure Rating Index (IRI) **101.40**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

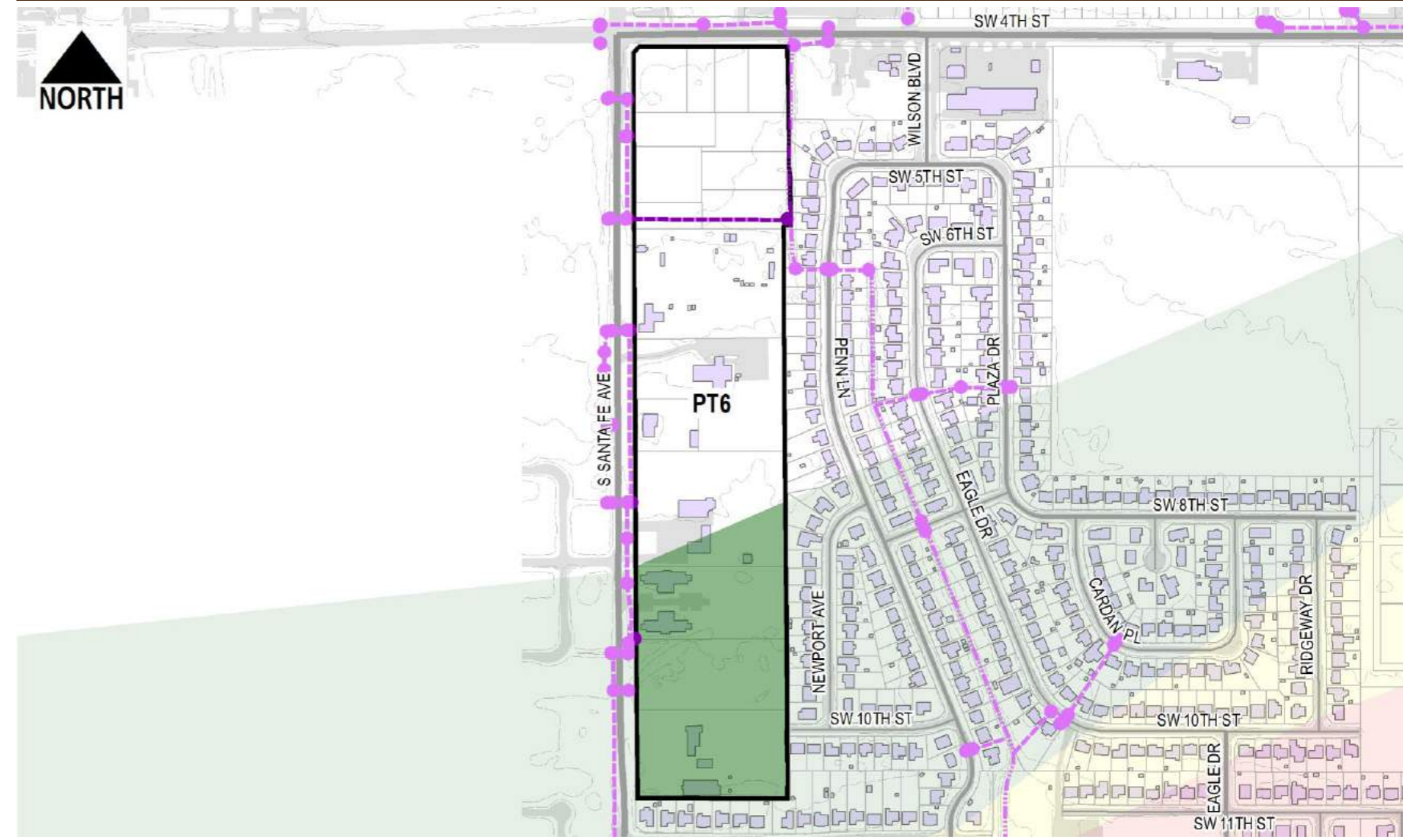
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	558			
Total Drainage Channel Length (ft)	426			
Total Storm Sewer Structures (ea)	2			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	558	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	558	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	1	0.50	5.00	2.50
Structures within "Low Concrete Corrosion Potential" (ea)	1	0.50	2.00	1.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	983	1.00	10.00	9.99
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	532	0.54	5.00	2.70
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	452	0.46	2.00	0.92
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	555	0.99	2.00	1.99
Unknown	3	0.01	1.00	0.01

Background Score 22.11

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	8	0.50	4.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 4.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT6
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3	0.01	2.00	0.01
Length Outside Damage Area prior to Disaster (ft)	555	0.99	1.00	0.99
Damage Score				1.01

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **27.61**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue

Assessment Sub-Area SF1

Infrastructure Category Drainage

Exhibit Group E.4

Assessment Data

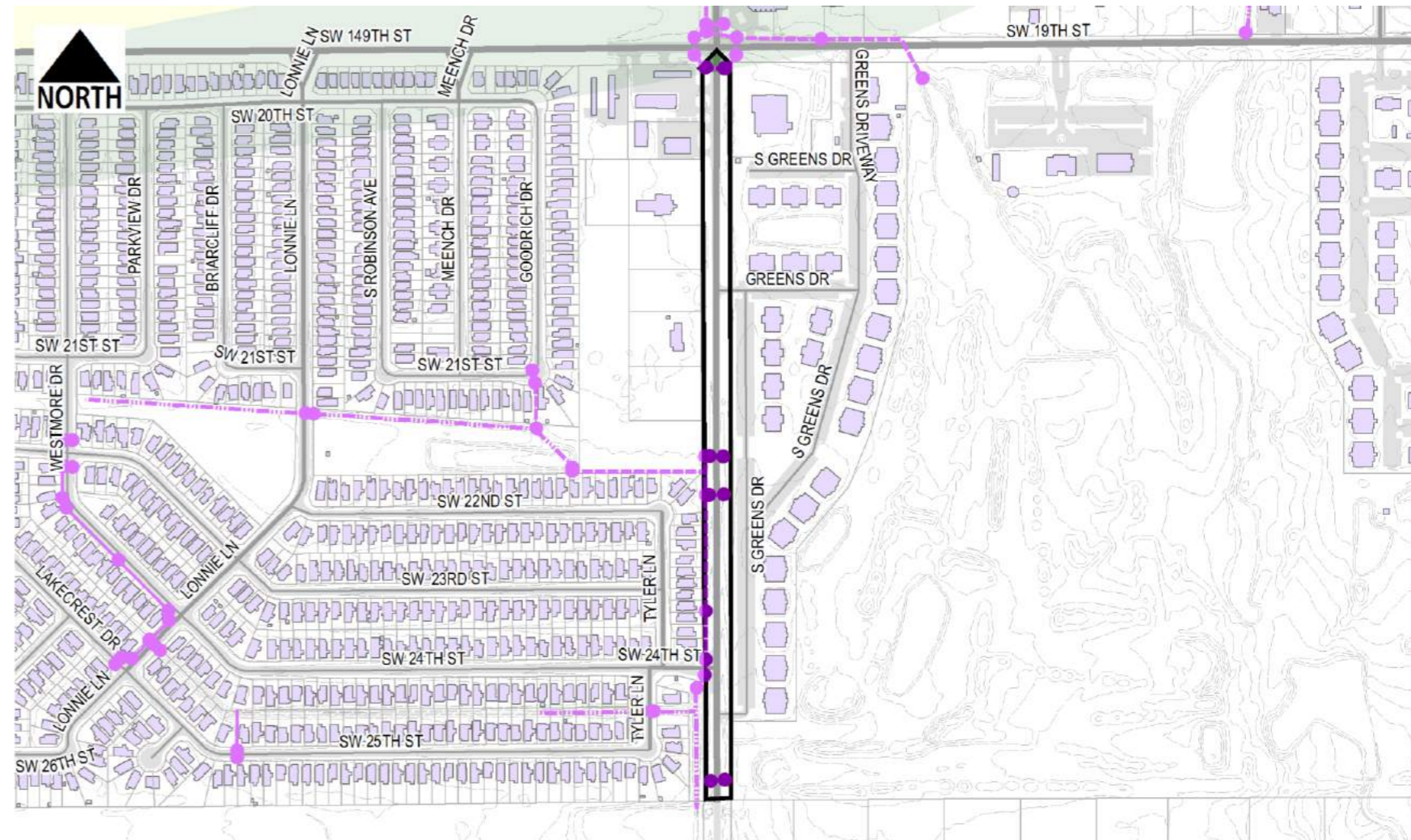
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1037			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	15			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1037	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	1037	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	15	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1037	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1037	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	754	0.73	5.00	3.64
10 to 15-years	117	0.11	4.00	0.45
less than 10-years	0	0.00	2.00	0.00
Unknown	166	0.16	1.00	0.16

Background Score 21.25

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
Assessment Sub-Area SF1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	124	0.12	2.00	0.24
Length Outside Damage Area prior to Disaster (ft)	913	0.88	1.00	0.88
Damage Score				1.12

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	913	0.88	10.00	8.80
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				8.80

Infrastructure Photographs



Infrastructure Rating Index (IRI) **32.17**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southgate
 Assessment Sub-Area SG3
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

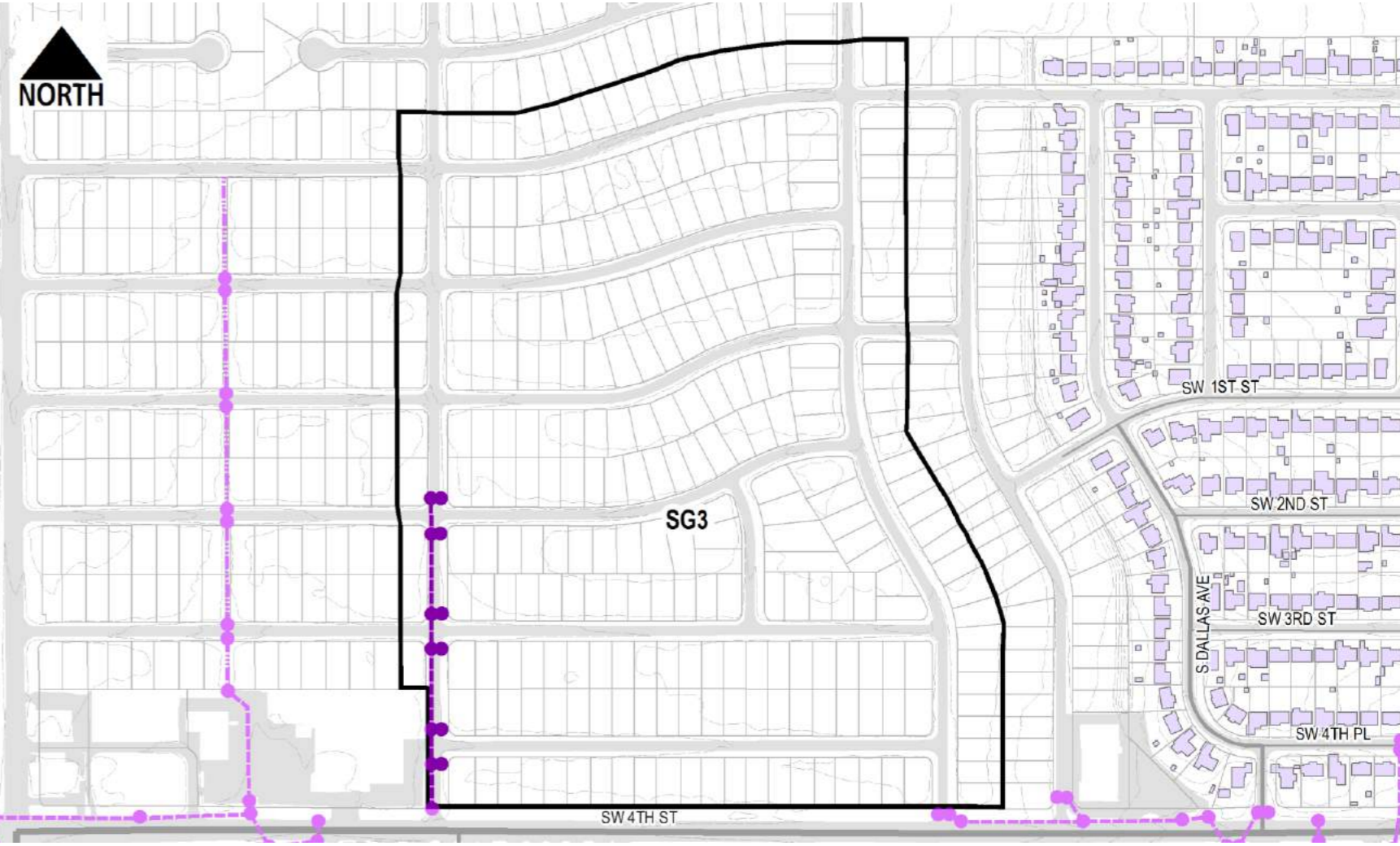
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	925			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	12			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	925	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	925	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	12	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	19	0.02	10.00	0.21
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	925	1.00	2.00	2.00
Age				
More than 20-years	925	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 17.21

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	79	0.50	39.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	6	0.50	3.00				

Condition Score 42.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southgate
 Assessment Sub-Area SG3
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	623	0.67	1.00	0.67
Damage Score				0.67

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.02.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SG3: RECONSTRUCTION OF ALL PUBLIC STORM SEWER	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **86.38**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southgate
 Assessment Sub-Area SG4
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	128			
Total Drainage Channel Length (ft)	1160			
Total Storm Sewer Structures (ea)	8			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	128	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	128	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	8	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1288	1.00	2.00	2.00
Age				
More than 20-years	128	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 17.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	22	0.50	11.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	11	0.50	5.50	D12 - evidence of ponding	64	0.50	32.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 48.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southgate
 Assessment Sub-Area SG4
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	34	0.27	1.00	0.27
Damage Score				0.27

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.02.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Infrastructure Photographs



Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00



Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SG4: RECONSTRUCTION OF ALL PUBLIC STORM SEWER	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Rating Index (IRI) **91.77**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southgate
 Assessment Sub-Area SG5
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

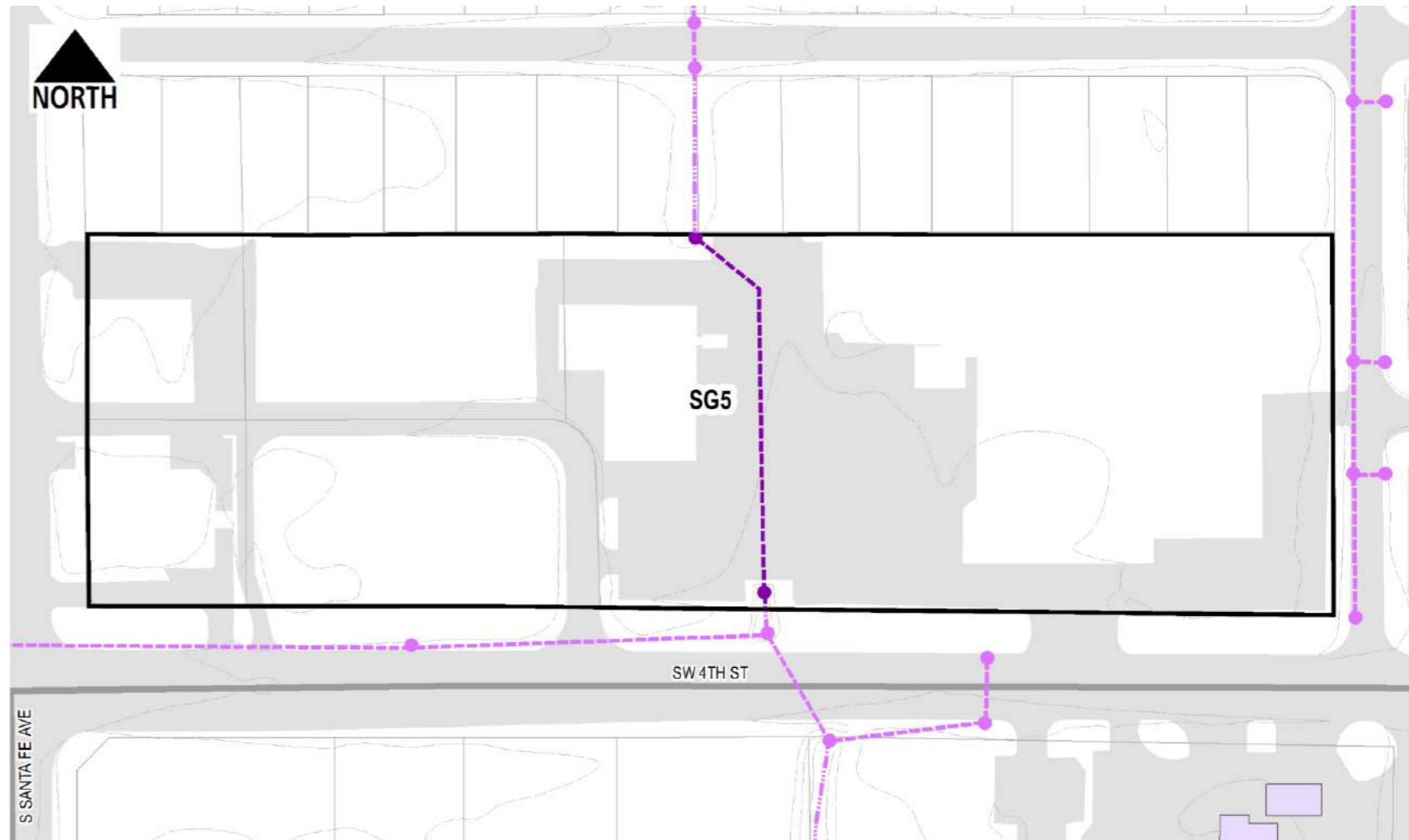
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	300			
Total Drainage Channel Length (ft)	20			
Total Storm Sewer Structures (ea)	2			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	300	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	300	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	2	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	12	0.04	10.00	0.38
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	319	1.00	2.00	1.99
Age				
More than 20-years	300	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 17.37

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	1	0.50	0.50	D11 - exposed reinforcing steel	1	0.50	0.50
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 1.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southgate
 Assessment Sub-Area SG5
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	300	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.02.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SG5: RECONSTRUCTION OF ALL PUBLIC STORM SEWER	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **45.87**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Southmoor
Assessment Sub-Area SM2
Infrastructure Category Drainage
Exhibit Group E.4

Assessment Data

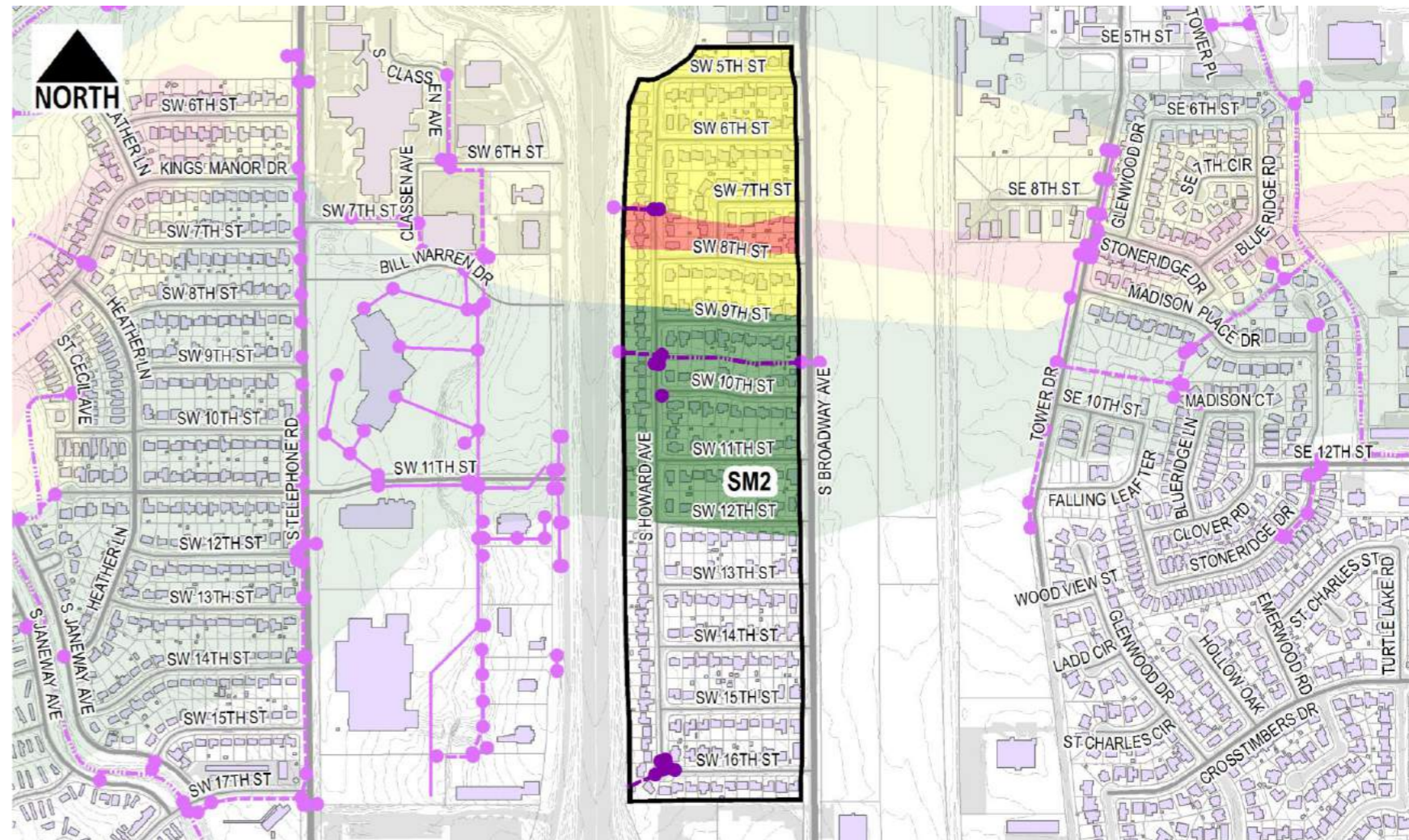
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	745			
Total Drainage Channel Length (ft)	645			
Total Storm Sewer Structures (ea)	13			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	745	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	745	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	13	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1390	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1390	1.00	2.00	2.00
Age				
More than 20-years	744	1.00	10.00	9.99
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1	0.00	1.00	0.00

Background Score 26.99

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	42	0.50	21.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 21.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	143	0.19	10.00	1.92
Length within EF2 to EF4 Damage Area prior to disaster (ft)	29	0.04	5.00	0.19
Length within EF0 to EF2 Damage Area prior to disaster (ft)	250	0.34	2.00	0.67
Length Outside Damage Area prior to Disaster (ft)	323	0.43	1.00	0.43
Damage Score				3.22

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA SM2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	324	0.43	10.00	4.35
Length within 0.25-mi of Emergency Response Facility (ft)	324	0.43	5.00	2.17
Proximity Score				6.52

Infrastructure Photographs



Infrastructure Rating Index (IRI) **93.73**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

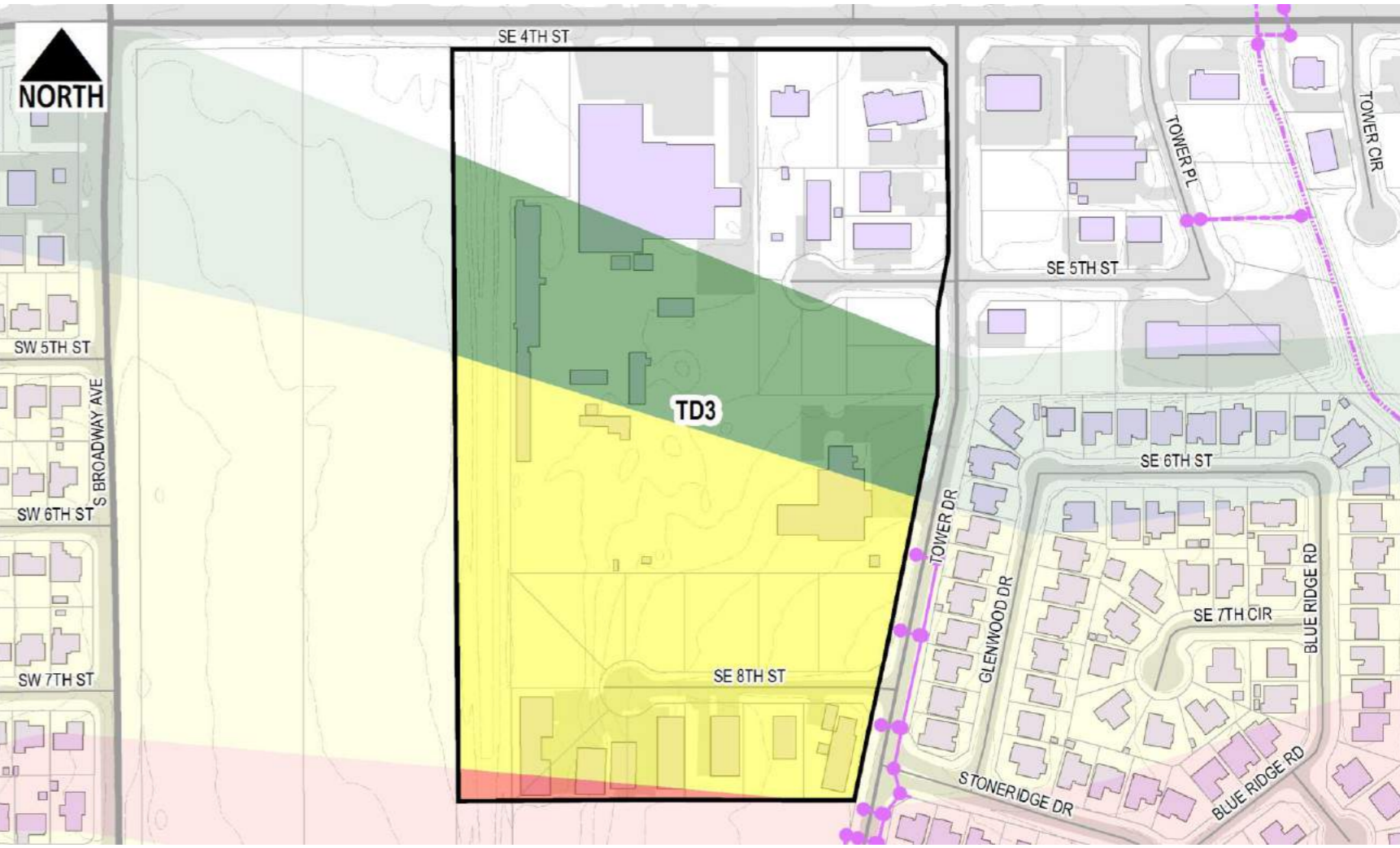
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	0			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	0			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	0	0.00	2.00	0.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	2	0.50	1.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD3
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **1.00**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

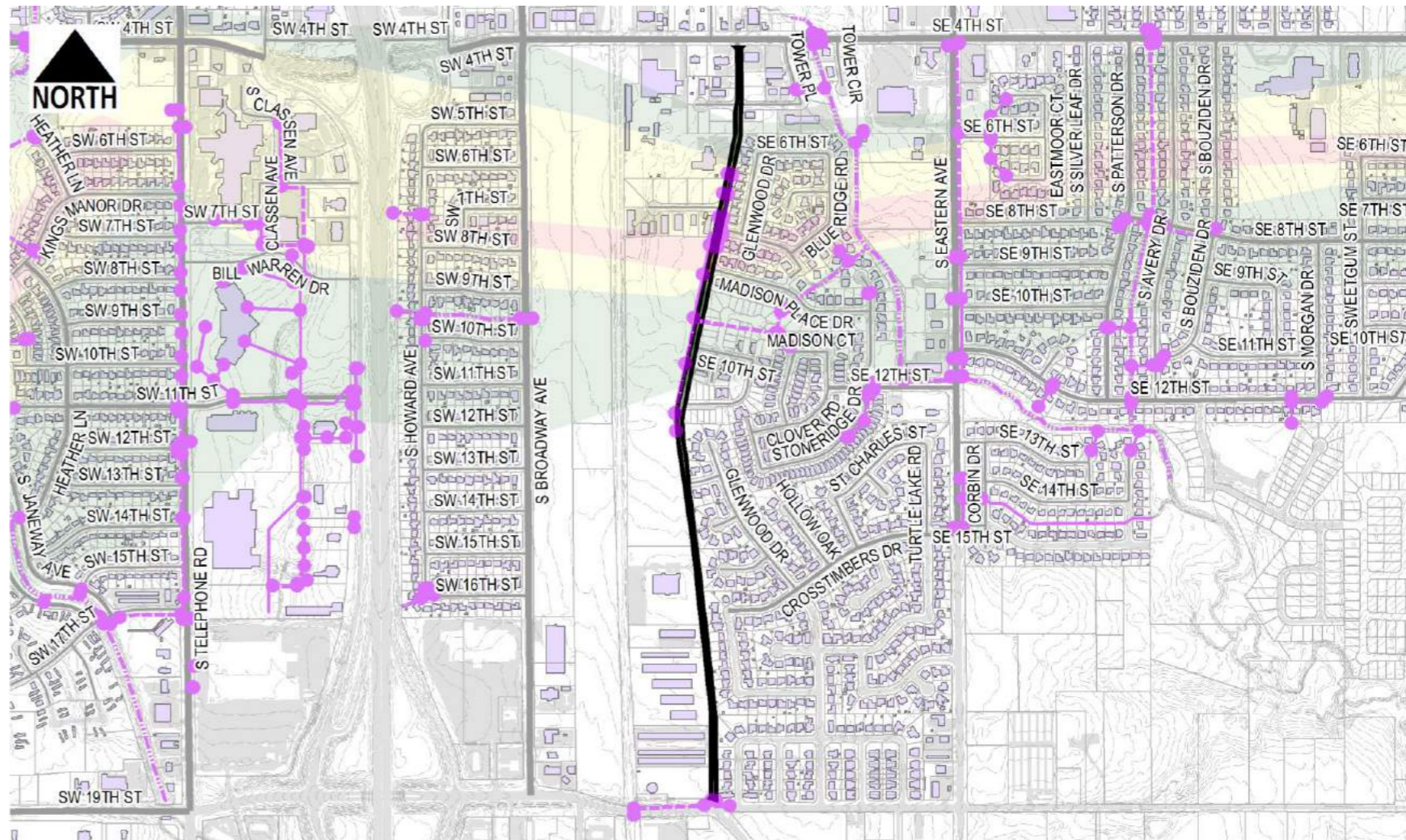
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1553			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	21			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	411	0.26	10.00	2.65
Diameter 18-in to 30-in equivalent (ft)	269	0.17	5.00	0.87
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	873	0.56	1.00	0.56
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	680	0.44	5.00	2.19
Length of Unknown (ft)	873	0.56	2.00	1.12
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	5	0.24	5.00	1.19
Structures within "Low Concrete Corrosion Potential" (ea)	16	0.76	2.00	1.52
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1553	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	105	0.07	5.00	0.34
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1449	0.93	2.00	1.87
Age				
More than 20-years	520	0.33	10.00	3.35
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	1	0.00	2.00	0.00
Unknown	1032	0.66	1.00	0.66

Background Score 26.32

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	1	0.50	0.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
Assessment Sub-Area TW1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	164	0.11	10.00	1.06
Length within EF2 to EF4 Damage Area prior to disaster (ft)	516	0.33	5.00	1.66
Length within EF0 to EF2 Damage Area prior to disaster (ft)	540	0.35	2.00	0.70
Length Outside Damage Area prior to Disaster (ft)	333	0.21	1.00	0.21
Damage Score				3.63

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	35	0.02	10.00	0.23
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.23

Infrastructure Photographs



Infrastructure Rating Index (IRI) **31.67**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

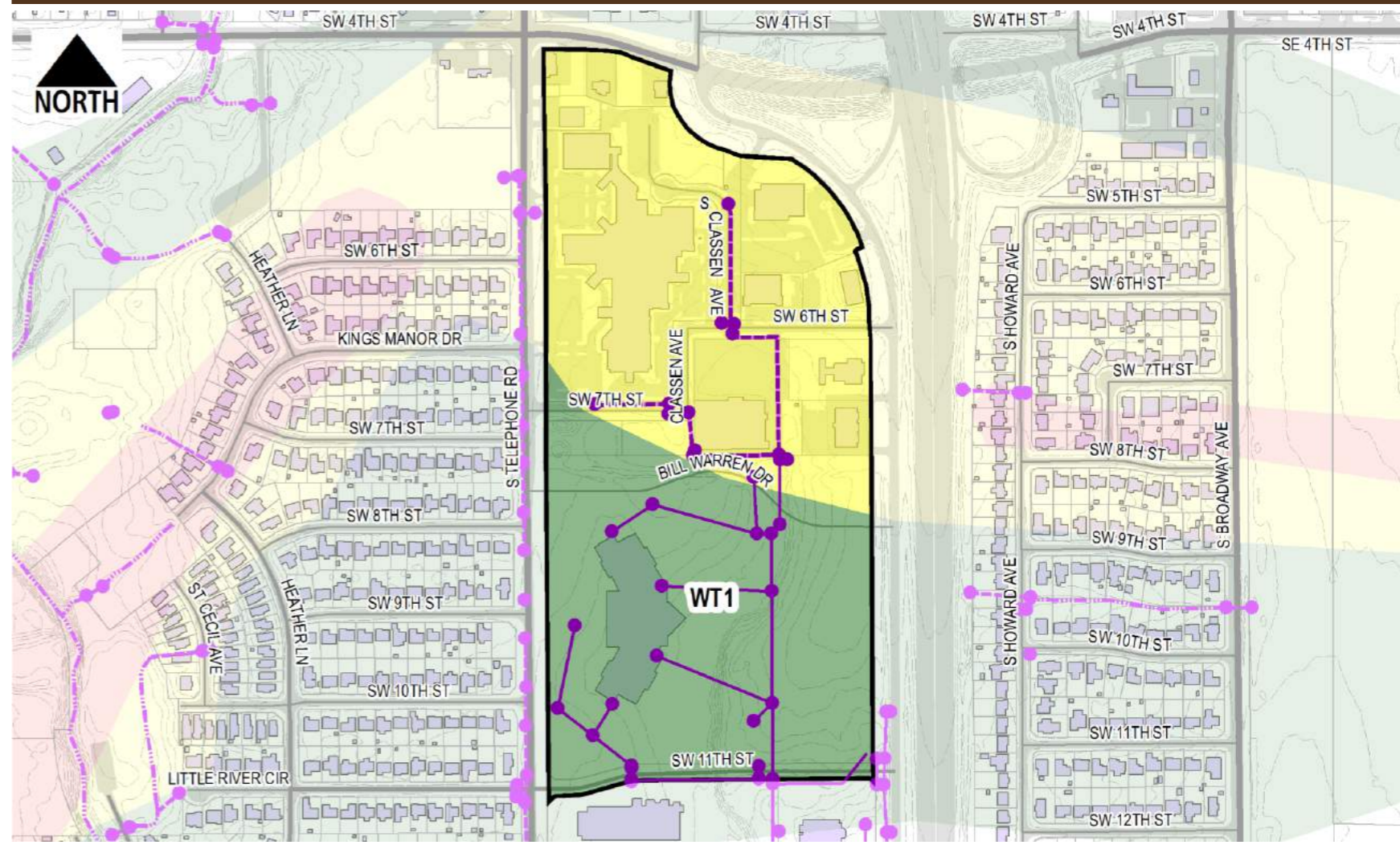
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	5904			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	36			
Line Size				
RCB	1184	0.20	10.00	2.01
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	5904	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	4720	0.80	2.00	1.60
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	36	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	5315	0.90	10.00	9.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	589	0.10	5.00	0.50
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	5904	1.00	2.00	2.00
Age				
More than 20-years	1827	0.31	10.00	3.09
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	4077	0.69	2.00	1.38
Unknown	0	0.00	1.00	0.00

Background Score 22.58

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
Assessment Sub-Area WT1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1959	0.33	5.00	1.66
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3945	0.67	2.00	1.34
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	5792	0.98	10.00	9.81
Length within 0.25-mi of Emergency Response Facility (ft)	5792	0.98	5.00	4.91
Proximity Score				14.72

Infrastructure Photographs



Infrastructure Rating Index (IRI) **56.29**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

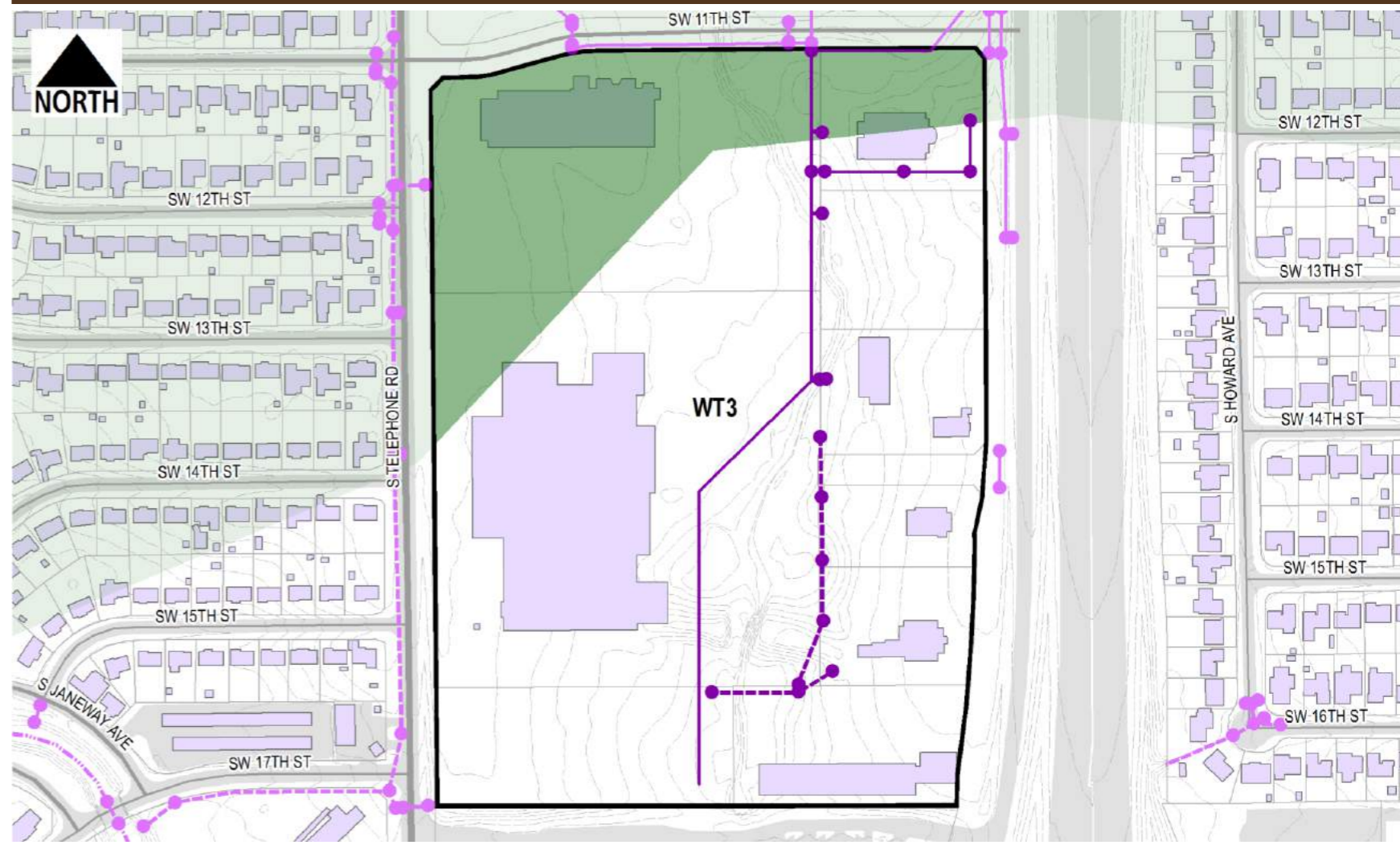
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3003			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	18			
Line Size				
RCB	1625	0.54	10.00	5.41
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	3003	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	140	0.05	5.00	0.23
Length of Unknown (ft)	1239	0.41	2.00	0.83
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	2	0.11	5.00	0.56
Structures within "Low Concrete Corrosion Potential" (ea)	16	0.89	2.00	1.78
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	418	0.14	10.00	1.39
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	2585	0.86	5.00	4.30
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	219	0.07	5.00	0.36
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2785	0.93	2.00	1.85
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	3003	1.00	2.00	2.00
Unknown	0	0.00	1.00	0.00

Background Score 19.72

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	1	0.50	0.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
Assessment Sub-Area WT3
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	454	0.15	2.00	0.30
Length Outside Damage Area prior to Disaster (ft)	2549	0.85	1.00	0.85
Damage Score				1.15

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	31	0.01	10.00	0.10
Length within 0.25-mi of Emergency Response Facility (ft)	31	0.01	5.00	0.05
Proximity Score				0.15

Infrastructure Photographs



Infrastructure Rating Index (IRI) **36.52**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

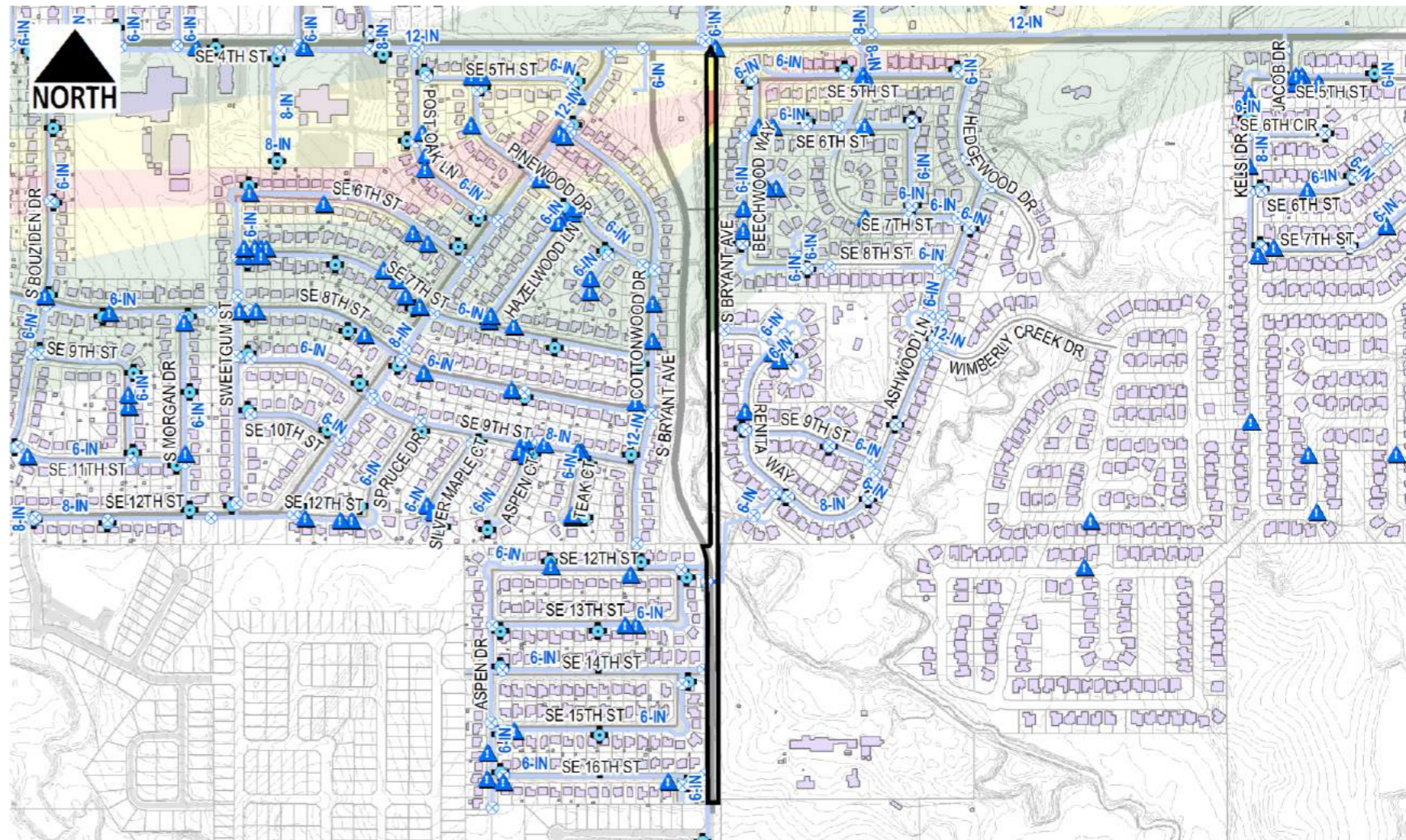
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	1280			
Line Size				
Diameter 12-in or greater (ft)	1264	0.99	10.00	9.88
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	16	0.01	1.00	0.01
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	1280	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	0	0.00	10.00	0.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	1280	1.00	0.00	0.00
Age				
More than 20-years	1217	0.95	10.00	9.51
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	63	0.05	1.00	0.05
Background Score				24.44

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	1280	1.00	1.00	1.00
Damage Score				1.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	1022	0.80	10.00	7.98
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.98

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
Assessment Sub-Area BA1
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **33.43**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Bryant Avenue
 Assessment Sub-Area: BA2
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

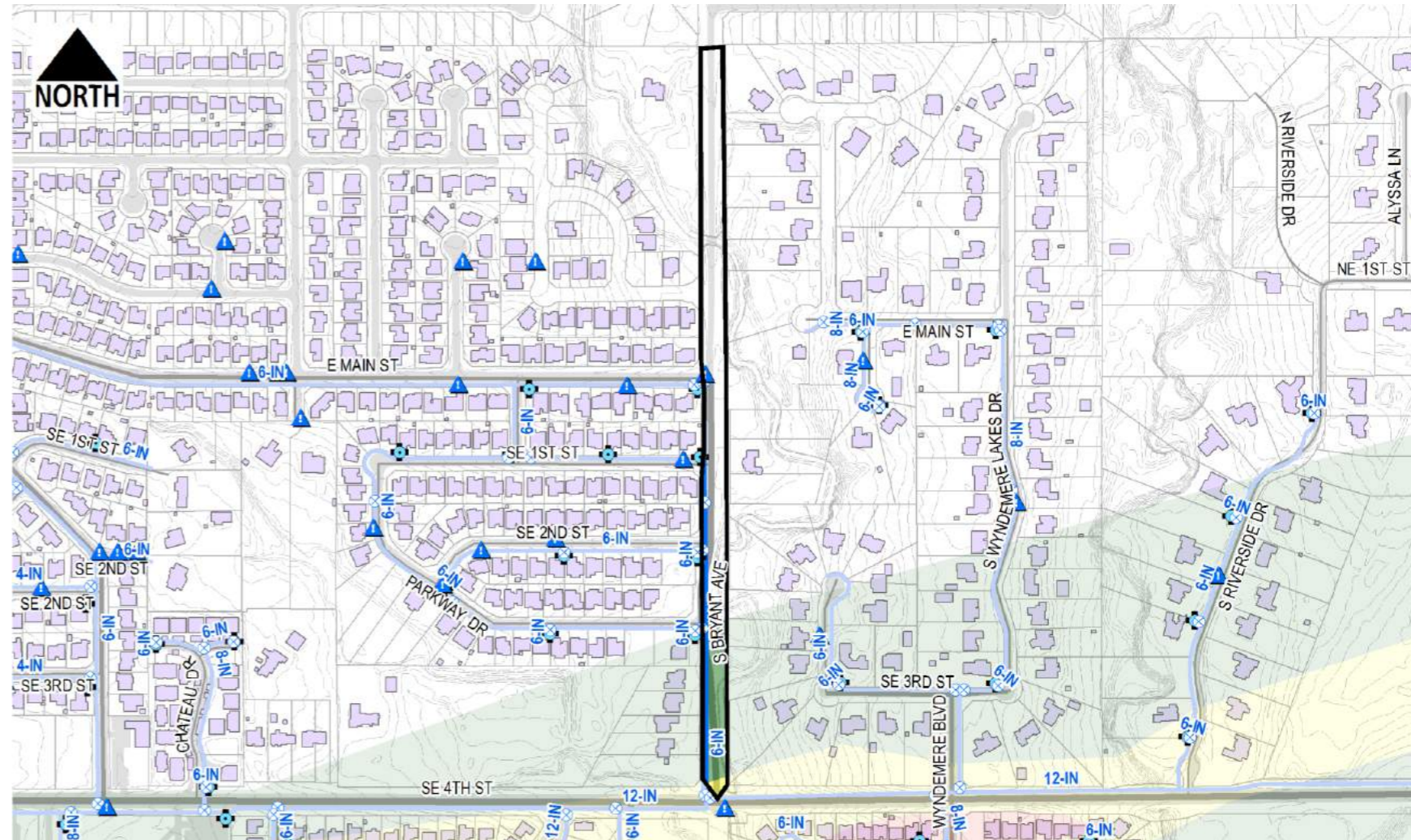
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	1823			
Line Size				
Diameter 12-in or greater (ft)	1425	0.78	10.00	7.82
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	398	0.22	1.00	0.22
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	1823	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	0	0.00	10.00	0.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	1823	1.00	0.00	0.00
Age				
More than 20-years	436	0.24	10.00	2.39
15 to 20-years	1364	0.75	5.00	3.74
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	23	0.01	1.00	0.01
Background Score				19.18

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	44	0.02	5.00	0.12
Length within EF0 to EF2 Damage Area prior to disaster (ft)	900	0.49	2.00	0.99
Length Outside Damage Area prior to Disaster (ft)	879	0.48	1.00	0.48
Damage Score				1.59

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **20.77**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Broadway Avenue
 Assessment Sub-Area: BR1
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

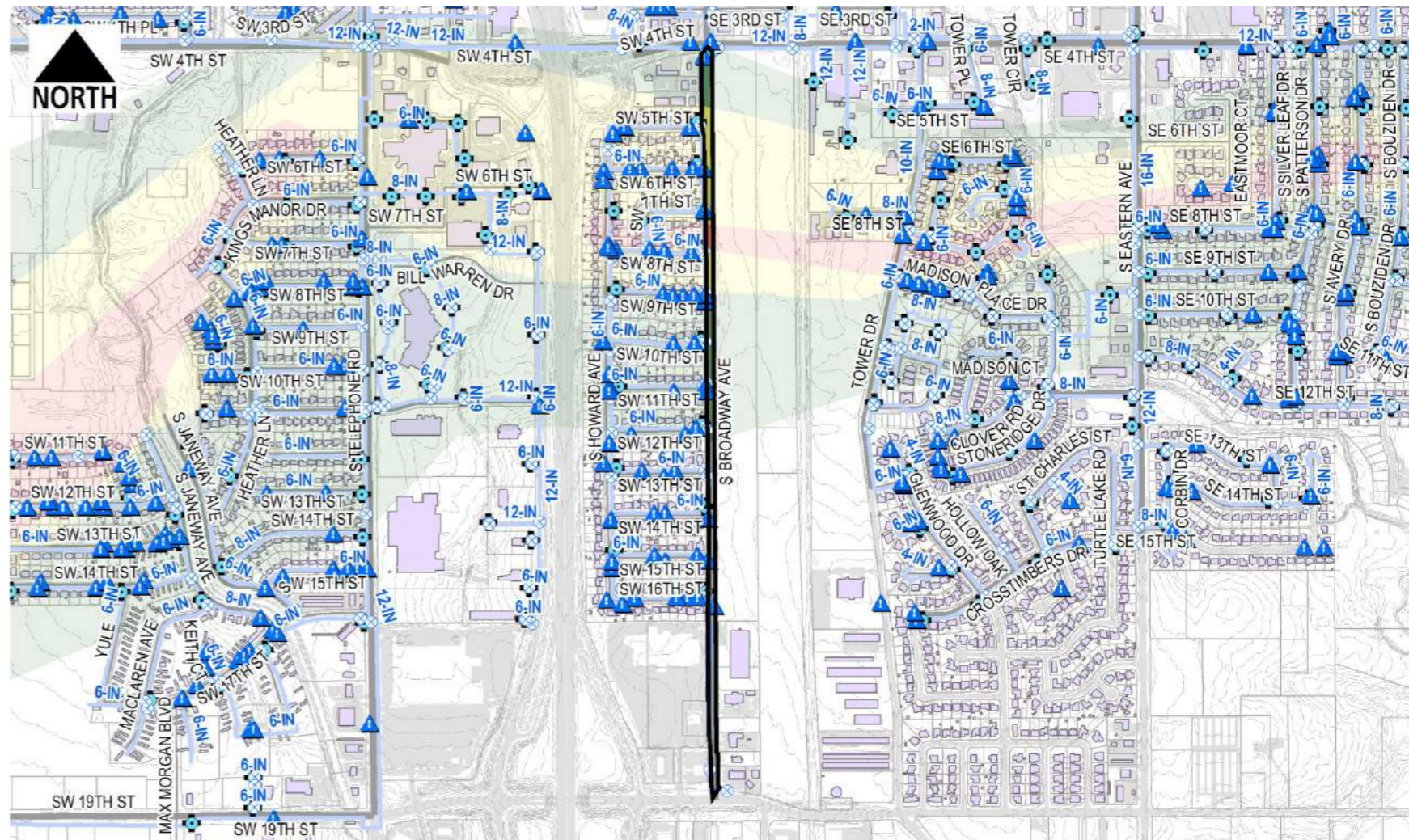
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	5198			
Line Size				
Diameter 12-in or greater (ft)	51	0.01	10.00	0.10
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	5147	0.99	1.00	0.99
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	5198	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	5198	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	3753	0.72	10.00	7.22
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1446	0.28	1.00	0.28
Background Score				23.59

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	172	0.03	10.00	0.33
Length within EF2 to EF4 Damage Area prior to disaster (ft)	989	0.19	5.00	0.95
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1517	0.29	2.00	0.58
Length Outside Damage Area prior to Disaster (ft)	1353	0.26	1.00	0.26
Damage Score				2.13

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Broadway Avenue
 Assessment Sub-Area BR1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.71**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	11992			
Line Size				
Diameter 12-in or greater (ft)	153	0.01	10.00	0.13
Diameter 8-in to 12-in (ft)	2681	0.22	5.00	1.12
Diameter 4-in to 6-in (ft)	9158	0.76	1.00	0.76
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	11992	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	11992	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	10072	0.84	10.00	8.40
15 to 20-years	1687	0.14	5.00	0.70
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	234	0.02	1.00	0.02
Background Score				26.13

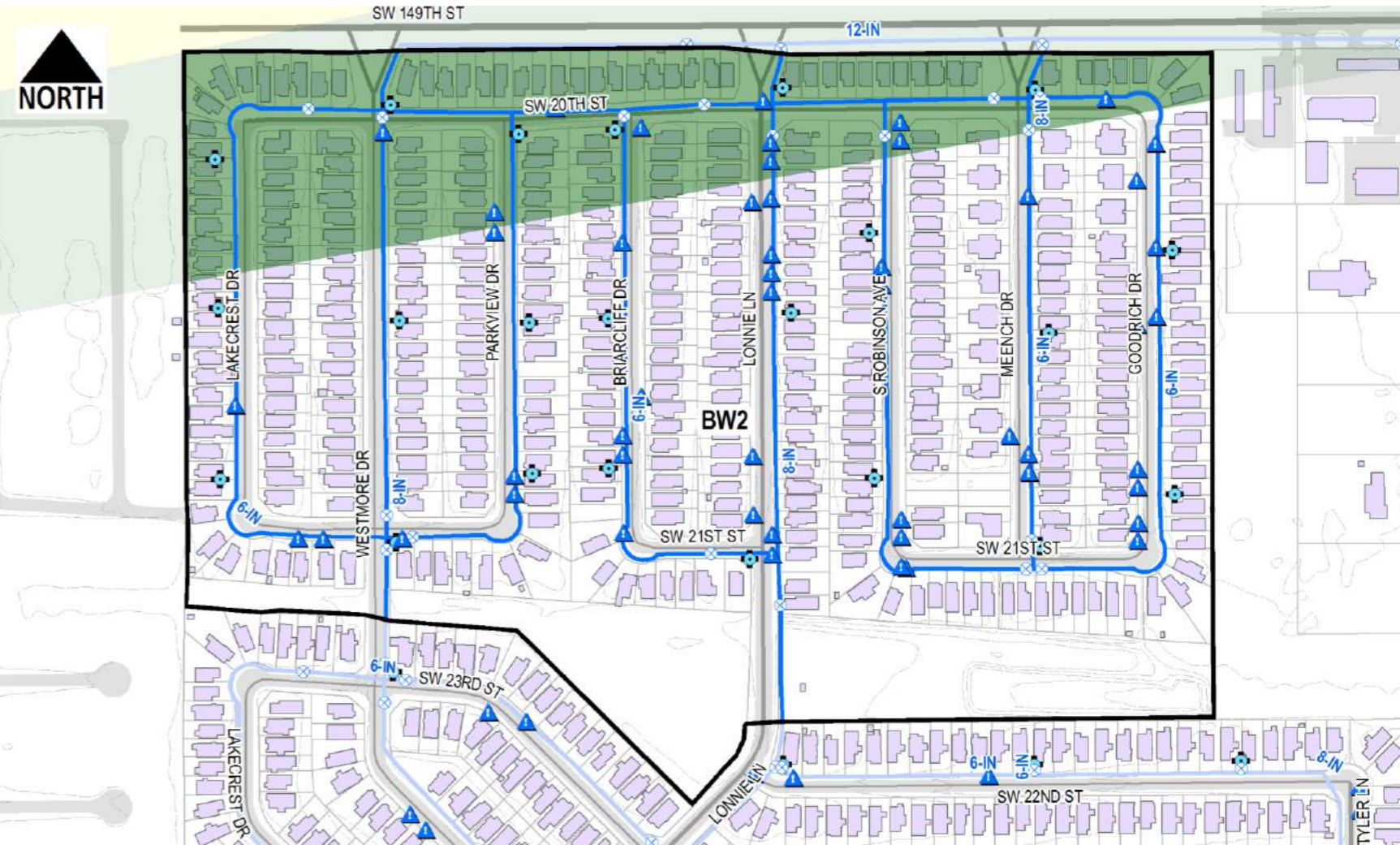
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3777	0.31	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	8216	0.69	1.00	0.69
Damage Score				1.32

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	168	0.01	10.00	0.14
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.14

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	15	0.15	2.25
W2 - Damaged Hydrant	9	0.15	1.35
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	12	0.15	1.80
W6 - Maintenance Event (2004-2014)	58	0.15	8.70
Condition Score			14.10



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
Assessment Sub-Area BW2
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA BW2: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.69**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

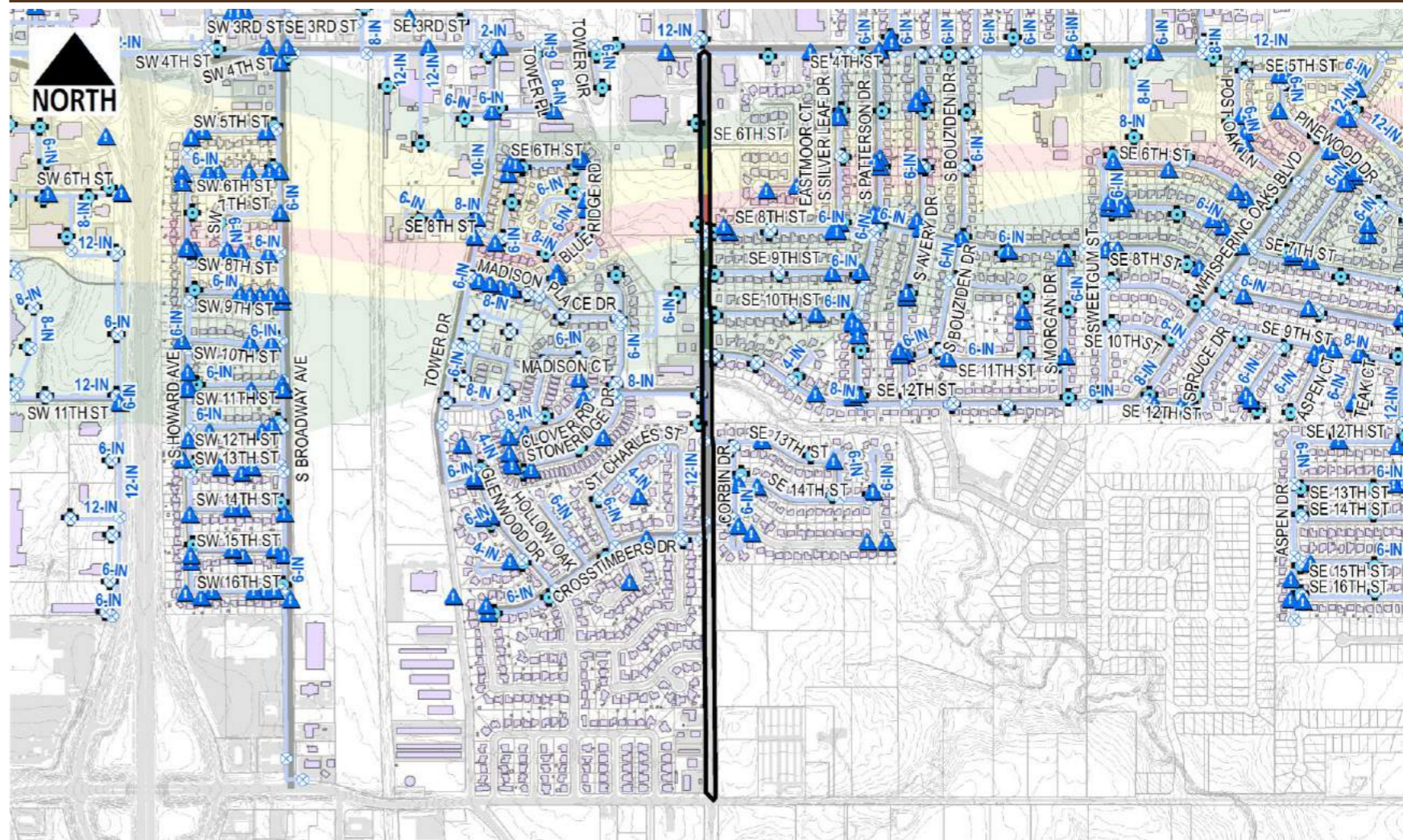
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	4011			
Line Size				
Diameter 12-in or greater (ft)	3500	0.87	10.00	8.73
Diameter 8-in to 12-in (ft)	184	0.05	5.00	0.23
Diameter 4-in to 6-in (ft)	328	0.08	1.00	0.08
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	4011	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	3432	0.86	10.00	8.56
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	579	0.14	0.00	0.00
Age				
More than 20-years	2128	0.53	10.00	5.31
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1884	0.47	1.00	0.47
Background Score				28.37

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	265	0.07	10.00	0.66
Length within EF2 to EF4 Damage Area prior to disaster (ft)	437	0.11	5.00	0.54
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1311	0.33	2.00	0.65
Length Outside Damage Area prior to Disaster (ft)	1999	0.50	1.00	0.50
Damage Score				2.36

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	4011	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **40.73**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

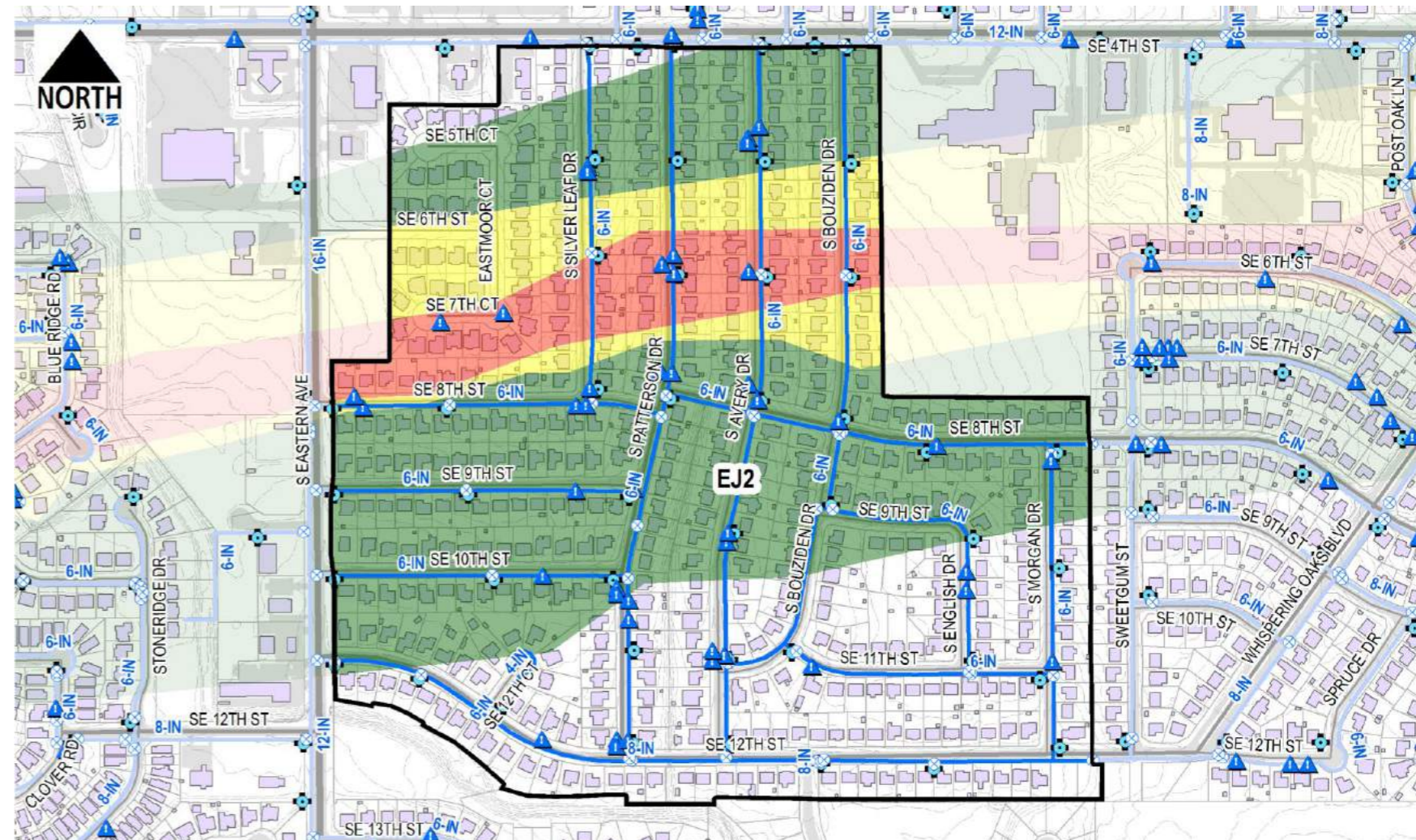
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	19170			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	2680	0.14	5.00	0.70
Diameter 4-in to 6-in (ft)	16490	0.86	1.00	0.86
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	19170	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	17029	0.89	10.00	8.88
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	2141	0.11	0.00	0.00
Age				
More than 20-years	19170	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				25.44

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1103	0.06	10.00	0.58
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1576	0.08	5.00	0.41
Length within EF0 to EF2 Damage Area prior to disaster (ft)	9713	0.51	2.00	1.01
Length Outside Damage Area prior to Disaster (ft)	6778	0.35	1.00	0.35
Damage Score				2.35

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	7	0.15	1.05
W2 - Damaged Hydrant	2	0.15	0.30
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	28	0.15	4.20
W6 - Maintenance Event (2004-2014)	51	0.15	7.65
Condition Score			13.20

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	19130	1.00	10.00	9.98
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.98



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ2: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **75.97**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ4
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)				
617				
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	617	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	617	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	61	0.10	10.00	0.99
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	556	0.90	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				10.99

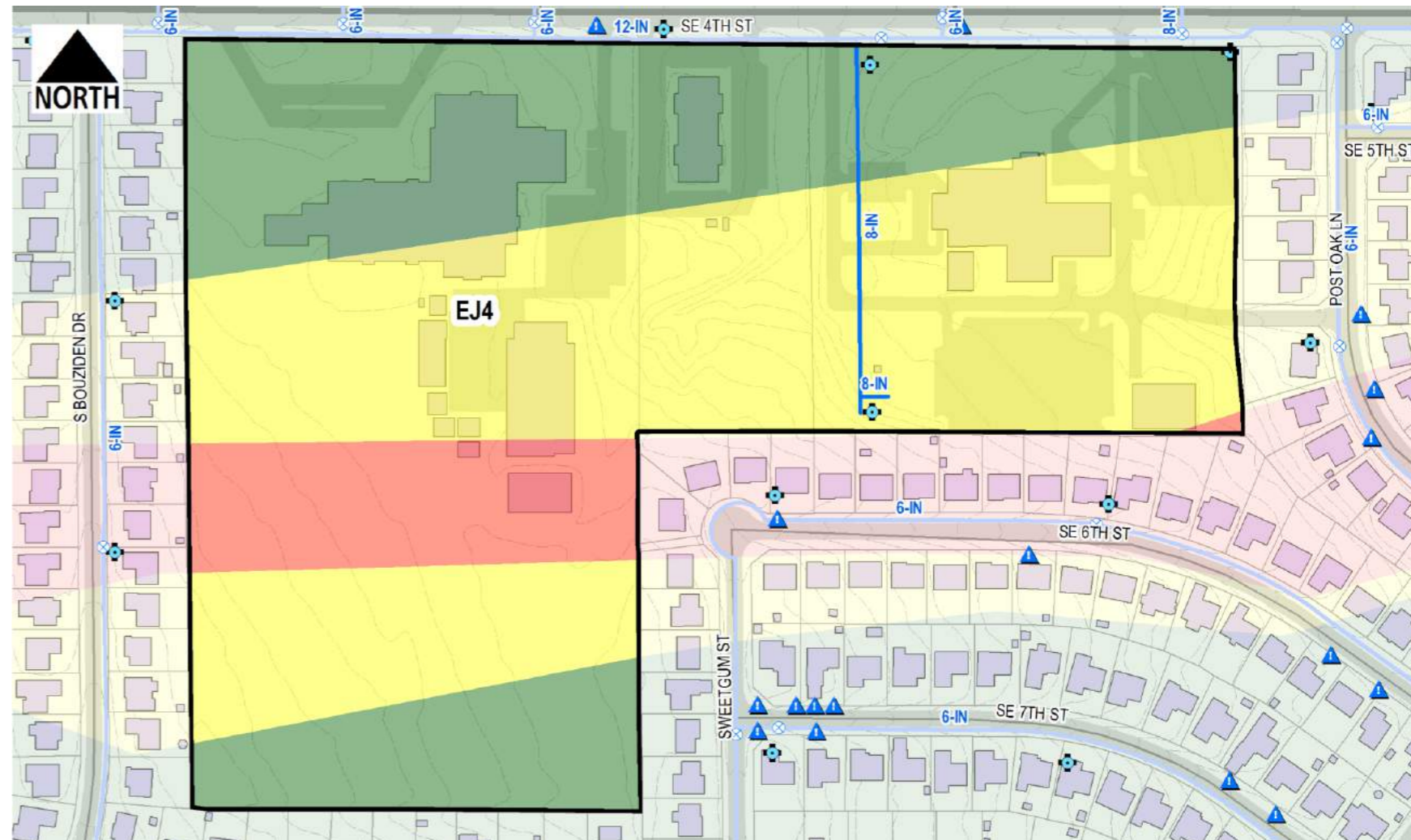
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	401	0.65	5.00	3.25
Length within EF0 to EF2 Damage Area prior to disaster (ft)	215	0.35	2.00	0.70
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.95

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	617	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	1	0.15	0.15
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.15



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ4
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **25.09**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ5
 Infrastructure Category Water Distribution
 Exhibit Group E.5

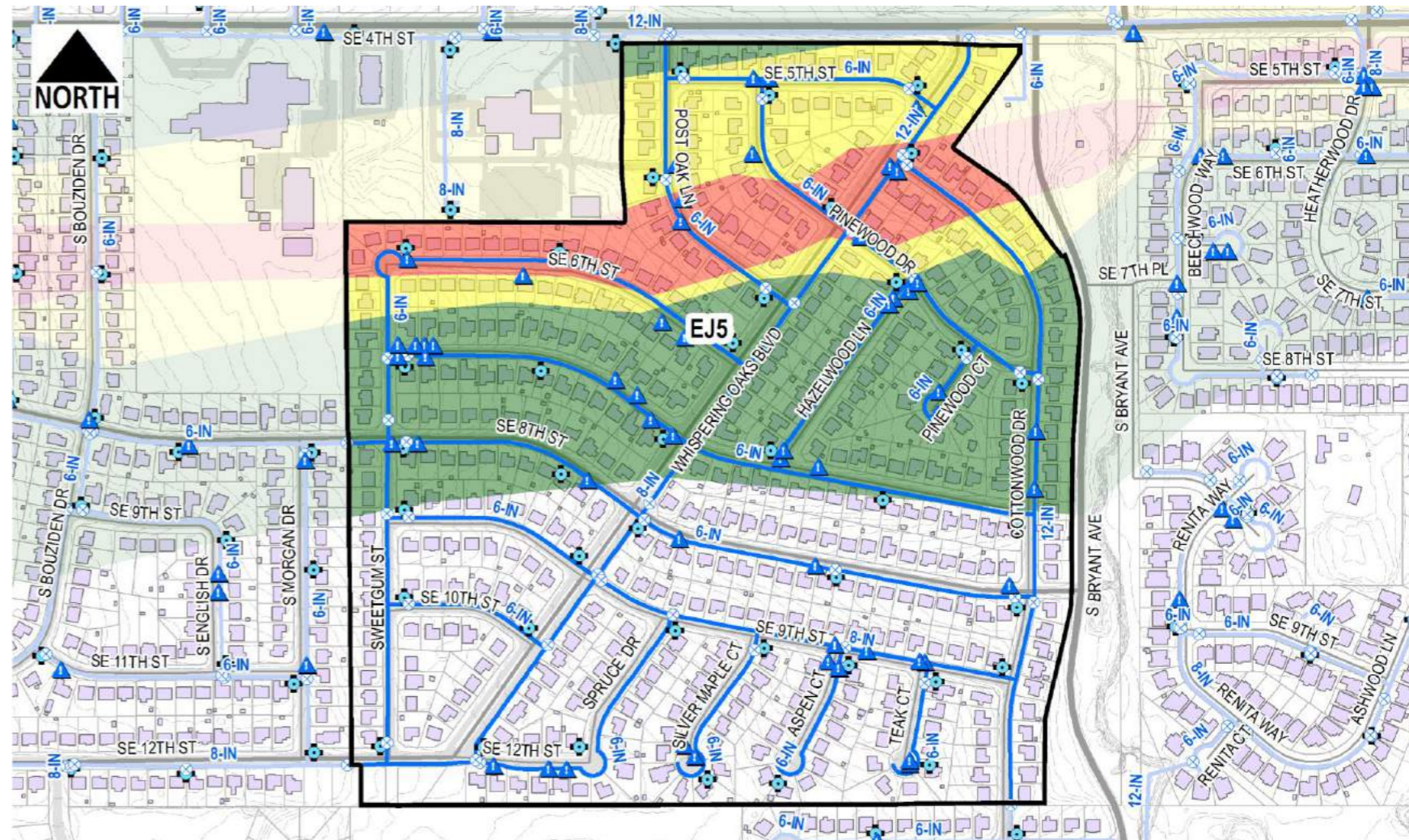
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	23666			
Line Size				
Diameter 12-in or greater (ft)	3124	0.13	10.00	1.32
Diameter 8-in to 12-in (ft)	3646	0.15	5.00	0.77
Diameter 4-in to 6-in (ft)	16896	0.71	1.00	0.71
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	23666	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	17464	0.74	10.00	7.38
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	6202	0.26	0.00	0.00
Age				
More than 20-years	23666	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				25.18

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2414	0.10	10.00	1.02
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2983	0.13	5.00	0.63
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7543	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	10726	0.45	1.00	0.45
Damage Score				2.74

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	1	0.15	0.15
W2 - Damaged Hydrant	5	0.15	0.75
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	55	0.15	8.25
W6 - Maintenance Event (2004-2014)	60	0.15	9.00
Condition Score			18.15

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	11114	0.47	10.00	4.70
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				4.70



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ5
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ5: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **70.77**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ6

Infrastructure Category Water Distribution

Exhibit Group E.5

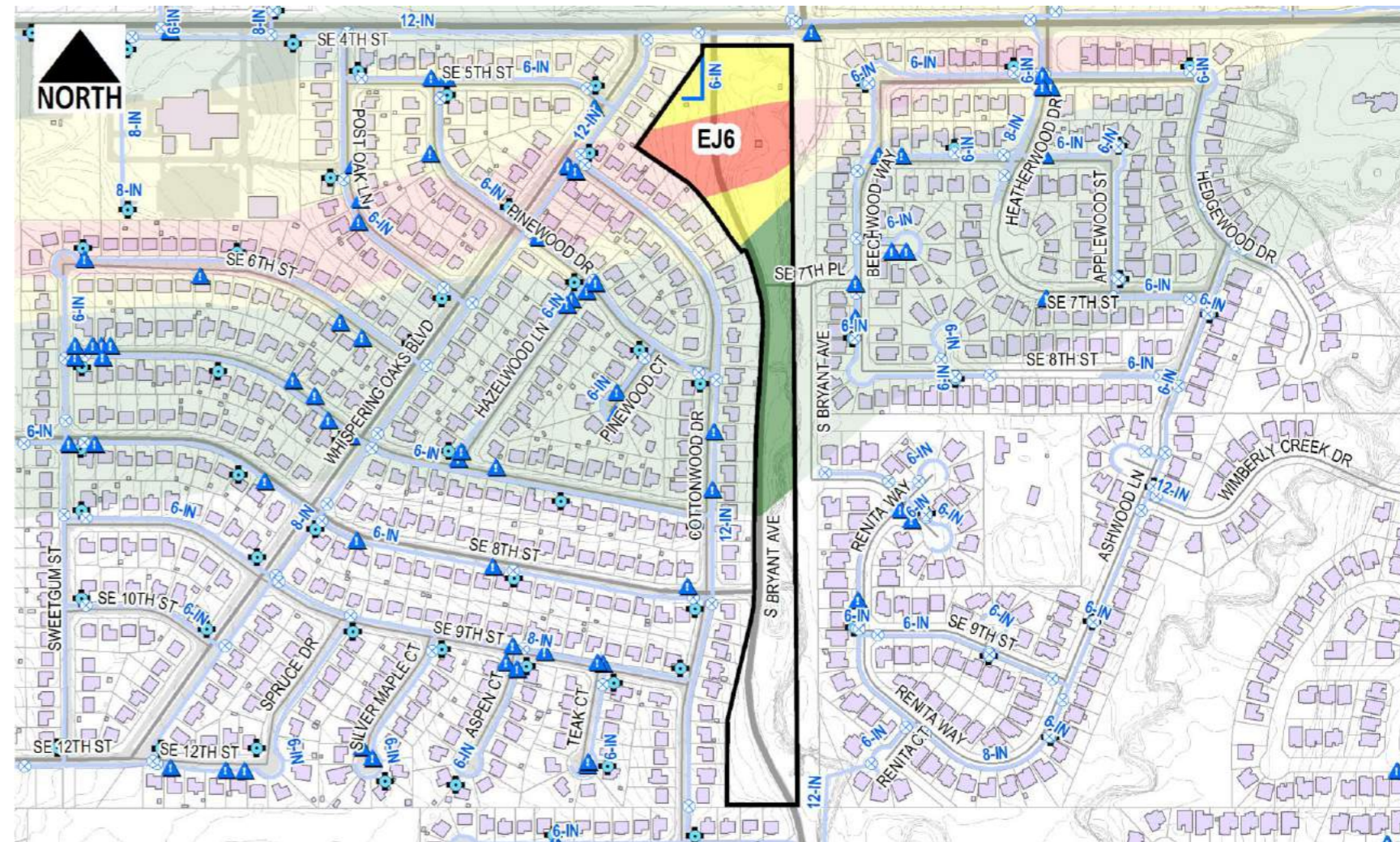
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	252			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	252	1.00	1.00	1.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	252	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	144	0.57	10.00	5.71
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	108	0.43	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				11.71

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	252	1.00	5.00	5.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				5.00

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ6
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ6: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **31.71**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

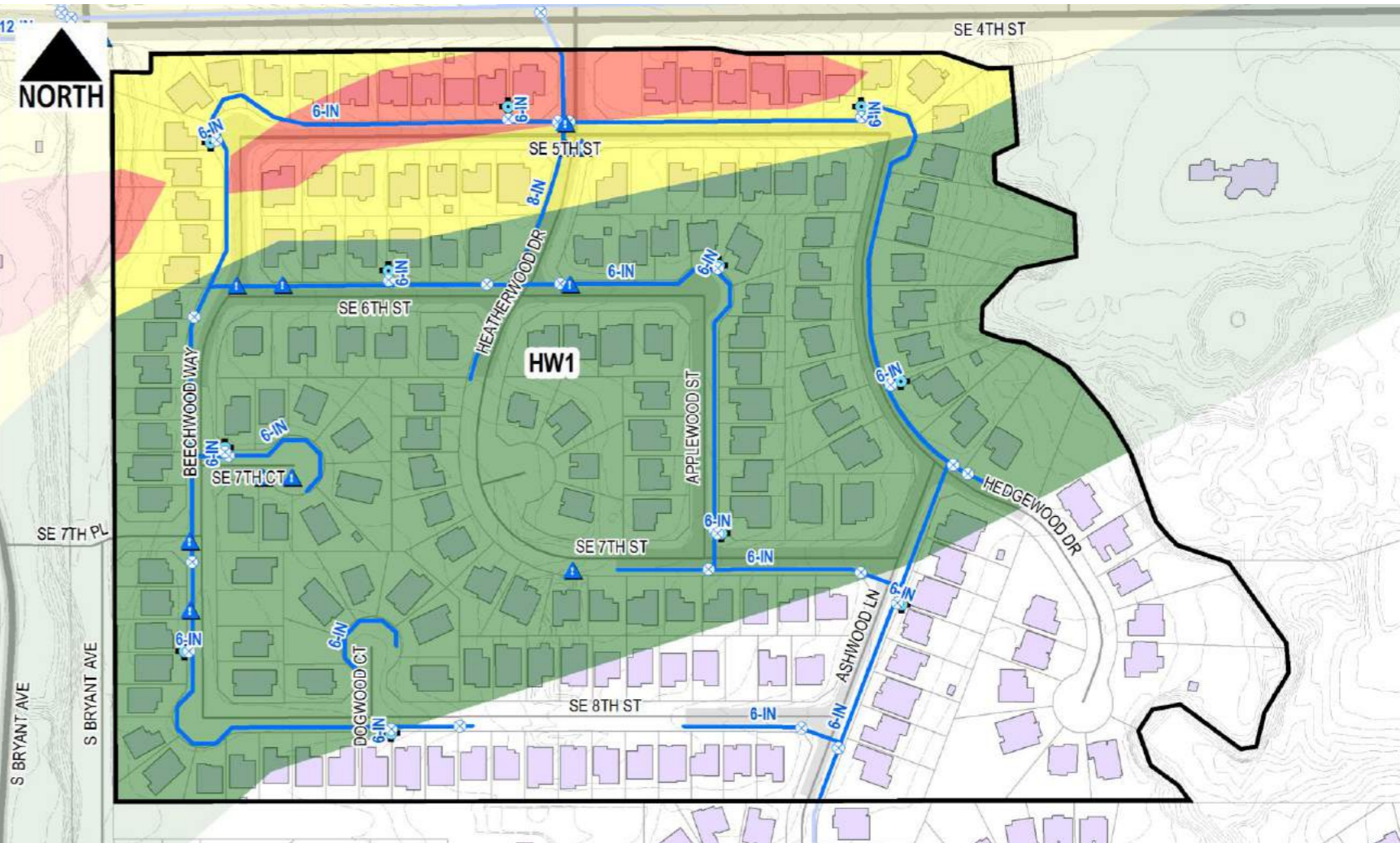
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	7669			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	587	0.08	5.00	0.38
Diameter 4-in to 6-in (ft)	7082	0.92	1.00	0.92
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	7669	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	671	0.09	10.00	0.87
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	6998	0.91	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	3980	0.52	5.00	2.59
10 to 15-years	3689	0.48	4.00	1.92
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				11.70

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	661	0.09	10.00	0.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1182	0.15	5.00	0.77
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4954	0.65	2.00	1.29
Length Outside Damage Area prior to Disaster (ft)	872	0.11	1.00	0.11
Damage Score				3.04

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	1	0.15	0.15
W2 - Damaged Hydrant	2	0.15	0.30
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	9	0.15	1.35
W6 - Maintenance Event (2004-2014)	14	0.15	2.10
Condition Score			3.90

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA HW1: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **33.64**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Water Distribution
Exhibit Group E.5

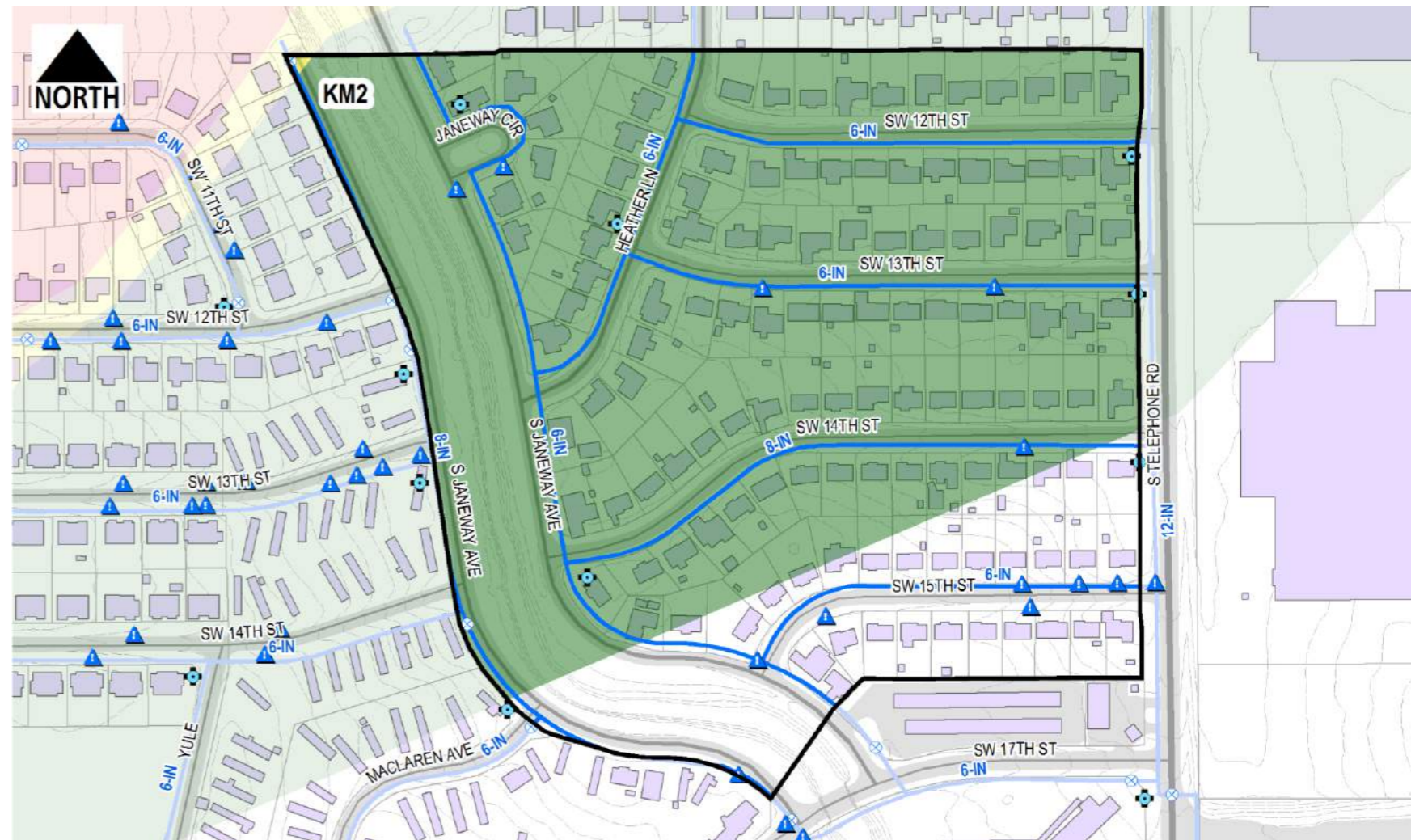
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	7333			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	2496	0.34	5.00	1.70
Diameter 4-in to 6-in (ft)	4838	0.66	1.00	0.66
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	7333	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	1654	0.23	10.00	2.26
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	5679	0.77	0.00	0.00
Age				
More than 20-years	7333	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				19.62

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	43	0.01	5.00	0.03
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5699	0.78	2.00	1.55
Length Outside Damage Area prior to Disaster (ft)	1591	0.22	1.00	0.22
Damage Score				1.80

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	7	0.15	1.05
W2 - Damaged Hydrant	1	0.15	0.15
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	13	0.15	1.95
Condition Score			3.15

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM2: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **64.57**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	9022			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	9022	1.00	1.00	1.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	9022	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	8948	0.99	10.00	9.92
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	74	0.01	0.00	0.00
Age				
More than 20-years	9022	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				25.92

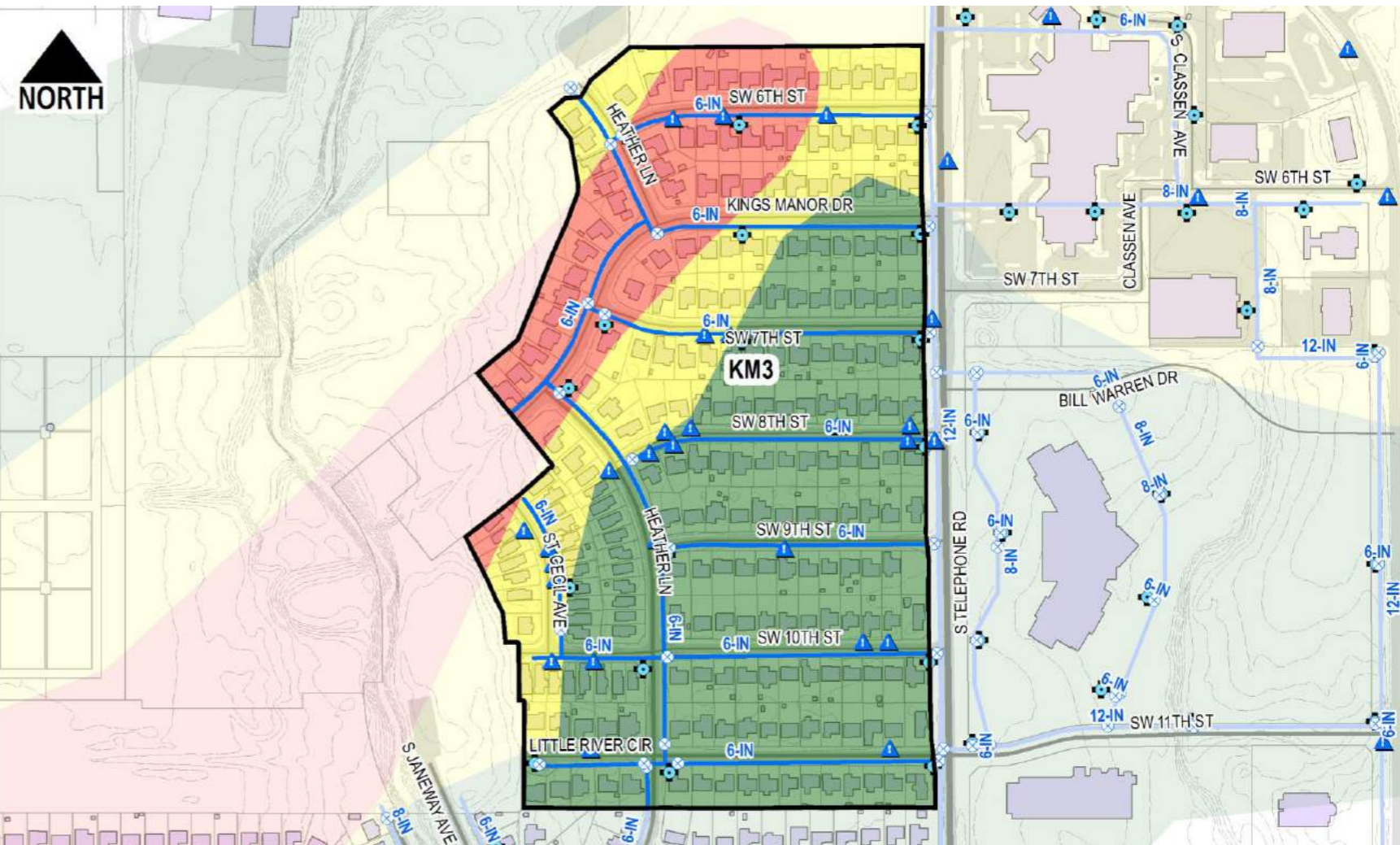
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1888	0.21	10.00	2.09
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1701	0.19	5.00	0.94
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5433	0.60	2.00	1.20
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.24

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	6983	0.77	10.00	7.74
Length within 0.25-mi of Emergency Response Facility (ft)	6983	0.77	5.00	3.87
Proximity Score				11.61

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	4	0.15	0.60
W2 - Damaged Hydrant	3	0.15	0.45
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	53	0.15	7.95
W6 - Maintenance Event (2004-2014)	37	0.15	5.55
Condition Score			14.55



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM3: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **86.32**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH1
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)				
	998			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	747	0.75	5.00	3.74
Diameter 4-in to 6-in (ft)	251	0.25	1.00	0.25
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	998	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	998	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	998	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				28.99

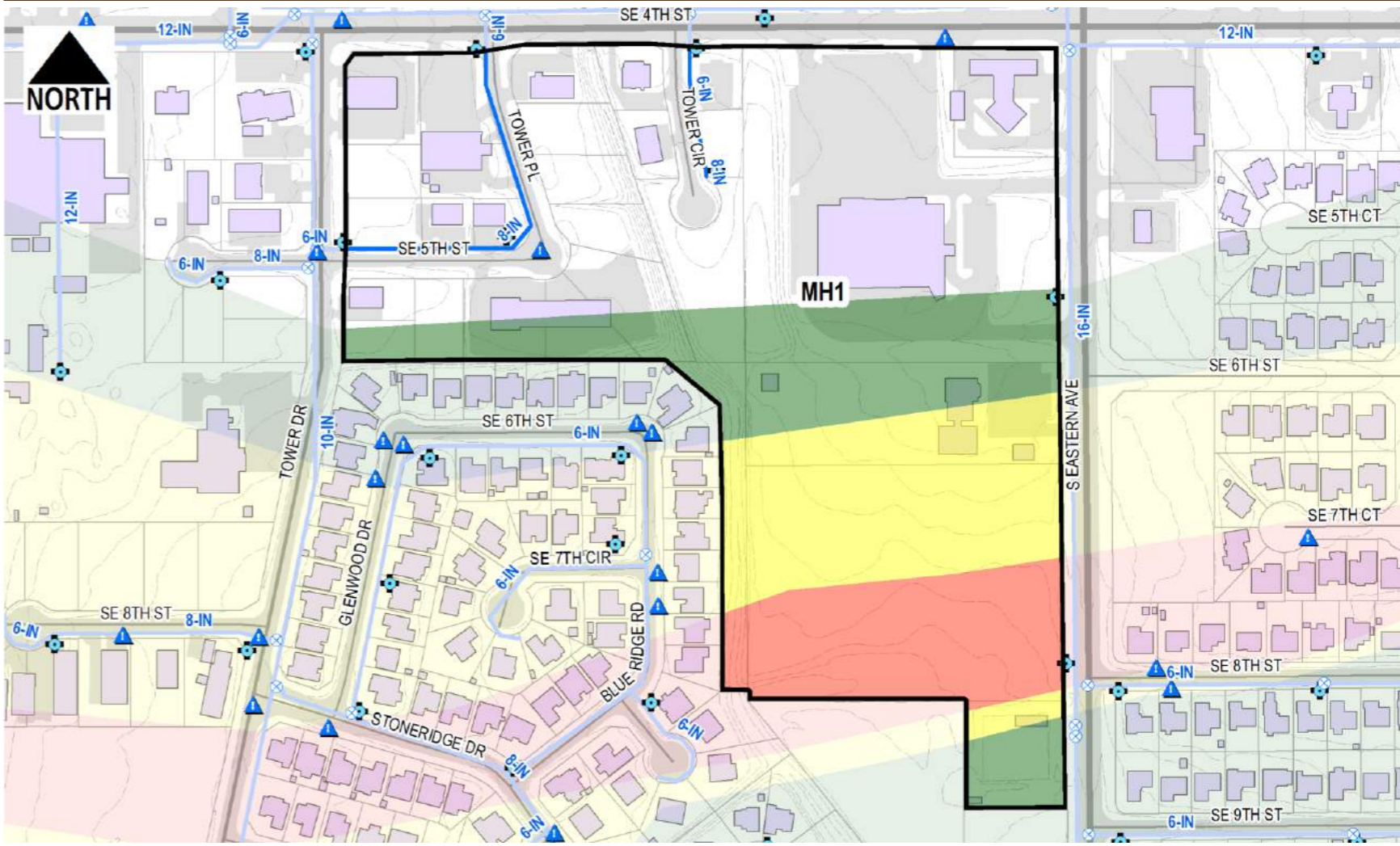
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	998	1.00	1.00	1.00
Damage Score				1.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	998	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **49.99**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH2
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

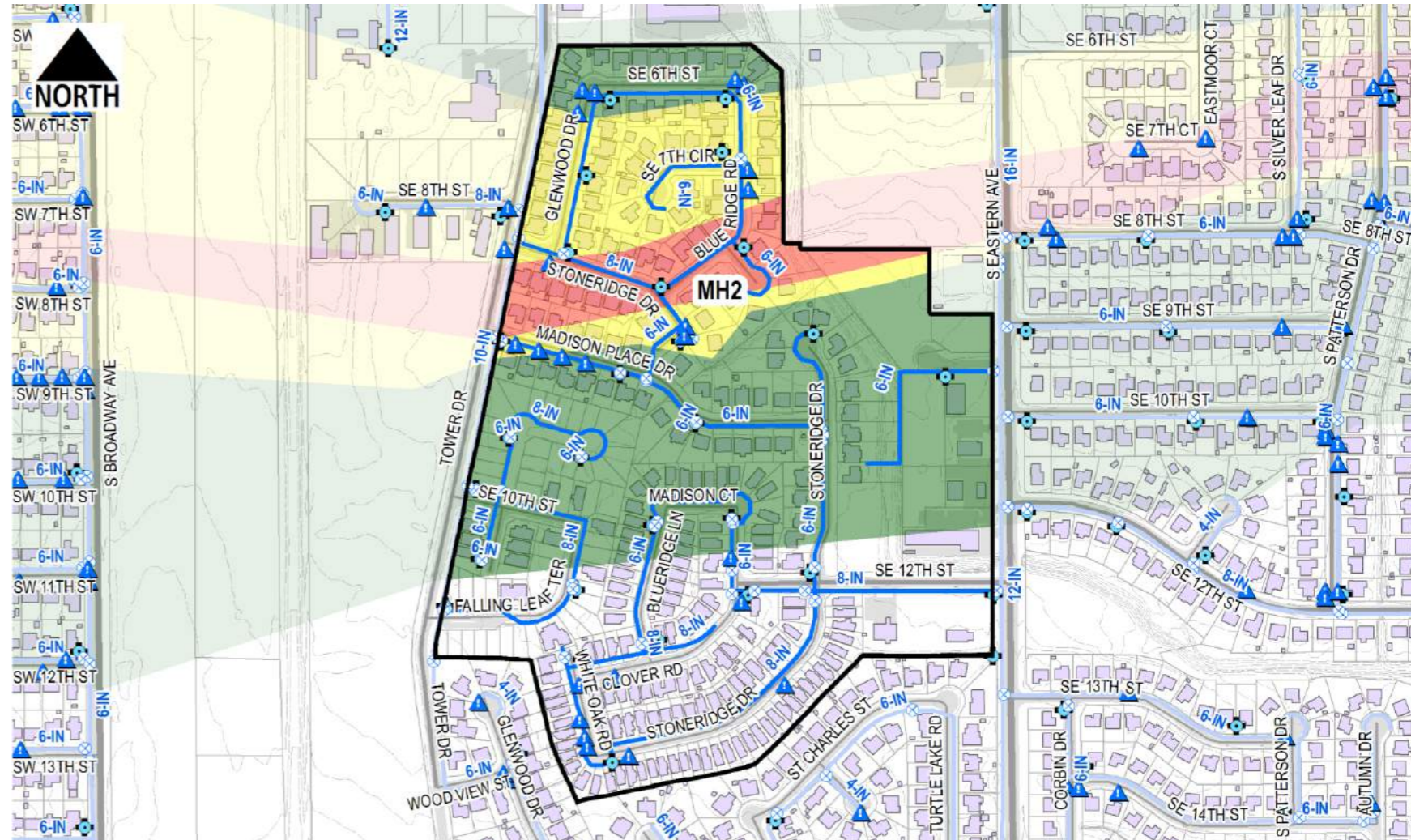
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	13154			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	6157	0.47	5.00	2.34
Diameter 4-in to 6-in (ft)	6997	0.53	1.00	0.53
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	13154	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	12676	0.96	10.00	9.64
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	477	0.04	0.00	0.00
Age				
More than 20-years	6490	0.49	10.00	4.93
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	5700	0.43	4.00	1.73
less than 10-years	964	0.07	2.00	0.15
Unknown	0	0.00	1.00	0.00
Background Score				24.32

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	992	0.08	10.00	0.75
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1939	0.15	5.00	0.74
Length within EF0 to EF2 Damage Area prior to disaster (ft)	6008	0.46	2.00	0.91
Length Outside Damage Area prior to Disaster (ft)	4214	0.32	1.00	0.32
Damage Score				2.73

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	2	0.15	0.30
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	13	0.15	1.95
W6 - Maintenance Event (2004-2014)	31	0.15	4.65
Condition Score			6.90

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	11539	0.88	10.00	8.77
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				8.77



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH2
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA MH2: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **57.72**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	5461			
Line Size				
Diameter 12-in or greater (ft)	5291	0.97	10.00	9.69
Diameter 8-in to 12-in (ft)	90	0.02	5.00	0.08
Diameter 4-in to 6-in (ft)	80	0.01	1.00	0.01
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	5461	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	5161	0.95	10.00	9.45
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	300	0.05	0.00	0.00
Age				
More than 20-years	2787	0.51	10.00	5.10
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	2675	0.49	1.00	0.49
Background Score				29.83

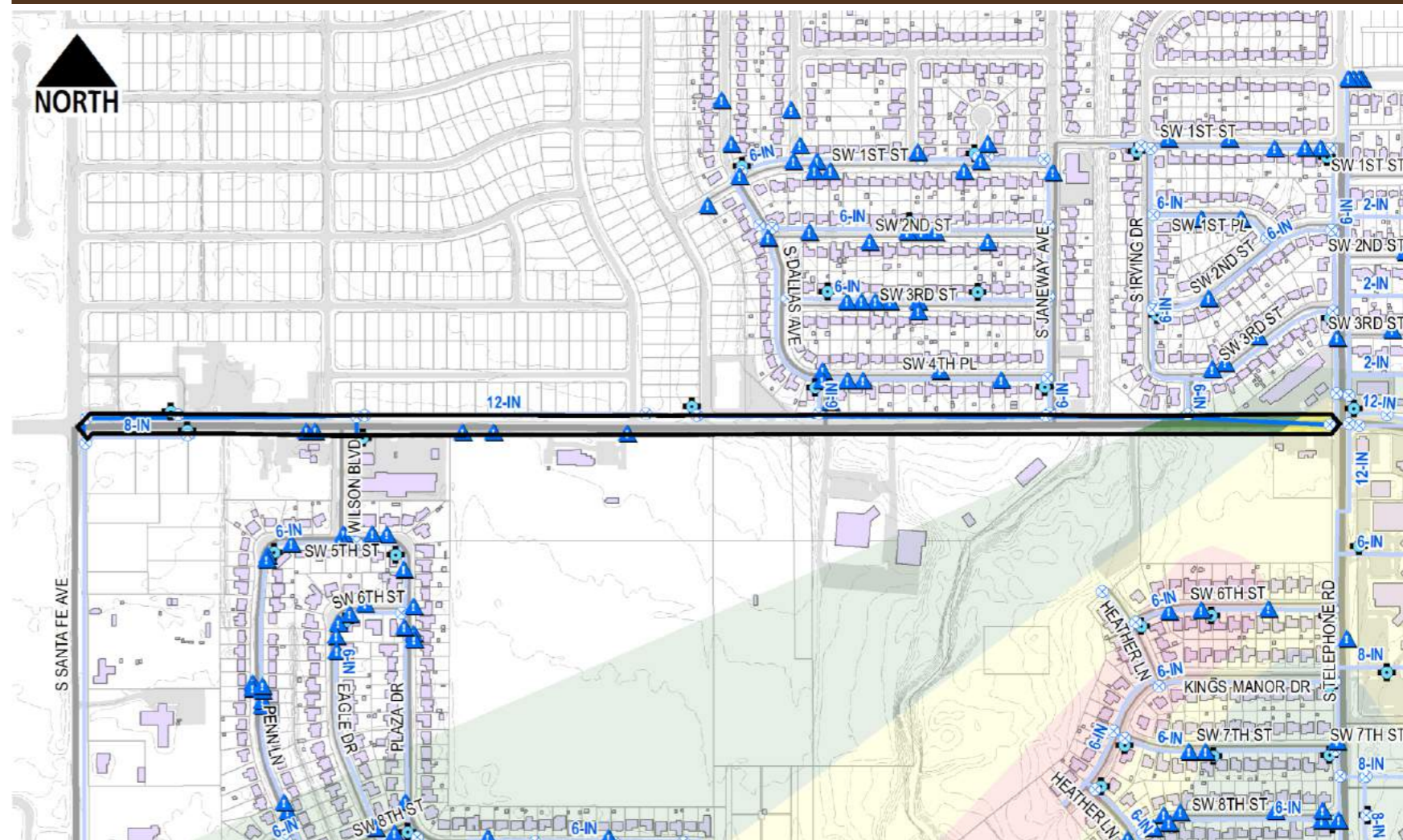
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	237	0.04	5.00	0.22
Length within EF0 to EF2 Damage Area prior to disaster (ft)	533	0.10	2.00	0.20
Length Outside Damage Area prior to Disaster (ft)	4692	0.86	1.00	0.86
Damage Score				1.27

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	1299	0.24	10.00	2.38
Length within 0.25-mi of Emergency Response Facility (ft)	1257	0.23	5.00	1.15
Proximity Score				3.53

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	1	0.15	0.15
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	7	0.15	1.05
Condition Score			1.20



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4A
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **50.83**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Water Distribution
 Exhibit Group E.5

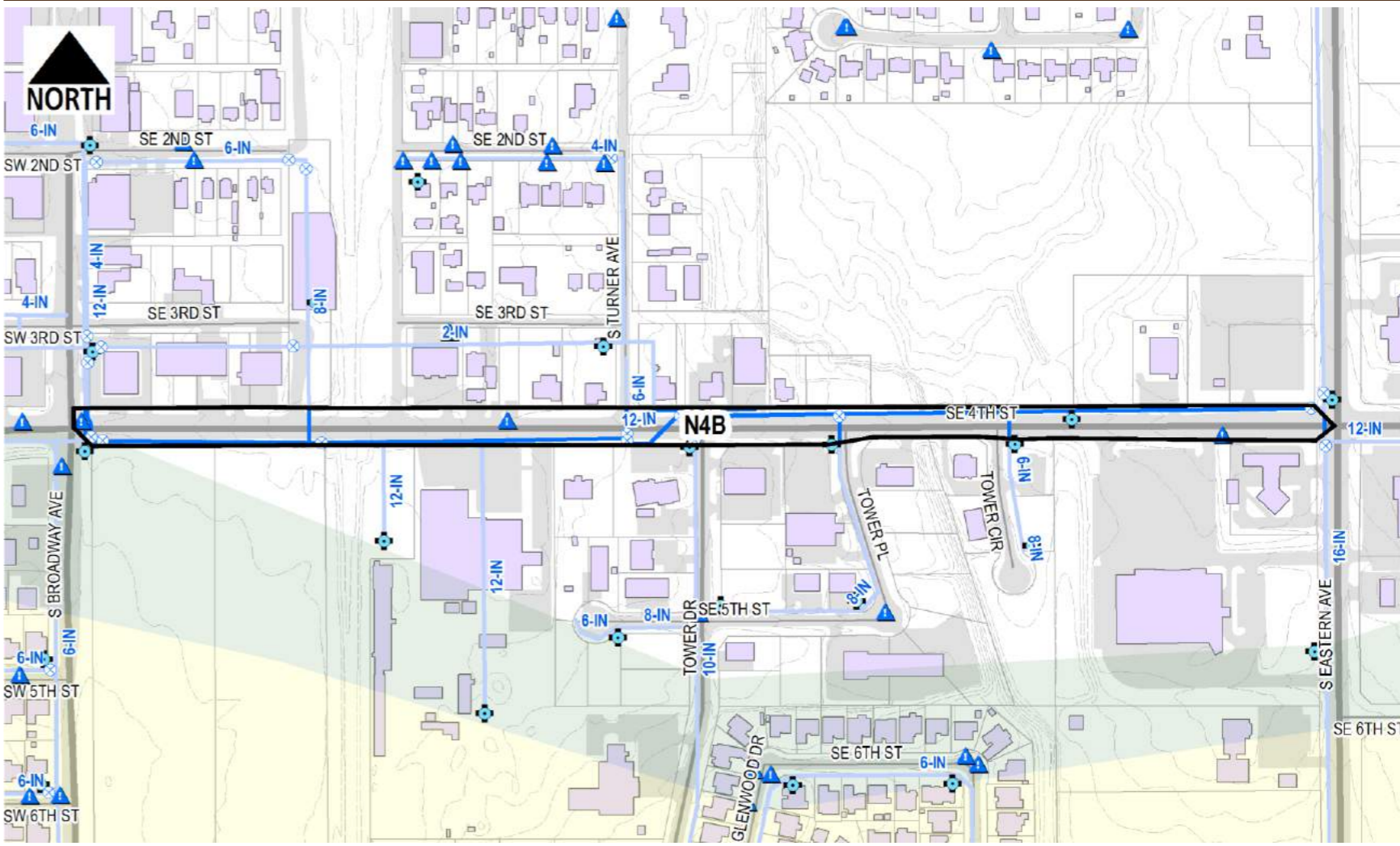
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	3775			
Line Size				
Diameter 12-in or greater (ft)	3071	0.81	10.00	8.14
Diameter 8-in to 12-in (ft)	160	0.04	5.00	0.21
Diameter 4-in to 6-in (ft)	545	0.14	1.00	0.14
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	3775	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	3521	0.93	10.00	9.33
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	253	0.07	0.00	0.00
Age				
More than 20-years	675	0.18	10.00	1.79
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	3100	0.82	1.00	0.82
Background Score				25.43

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	99	0.03	2.00	0.05
Length Outside Damage Area prior to Disaster (ft)	3676	0.97	1.00	0.97
Damage Score				1.03

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	4	0.15	0.60
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	5	0.15	0.75
Condition Score			1.35

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	2382	0.63	10.00	6.31
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.31



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **49.11**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	6101			
Line Size				
Diameter 12-in or greater (ft)	5305	0.87	10.00	8.70
Diameter 8-in to 12-in (ft)	90	0.01	5.00	0.07
Diameter 4-in to 6-in (ft)	706	0.12	1.00	0.12
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	6101	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	4332	0.71	10.00	7.10
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	1768	0.29	0.00	0.00
Age				
More than 20-years	1441	0.24	10.00	2.36
15 to 20-years	10	0.00	5.00	0.01
10 to 15-years	17	0.00	4.00	0.01
less than 10-years	0	0.00	2.00	0.00
Unknown	4632	0.76	1.00	0.76
Background Score				24.13

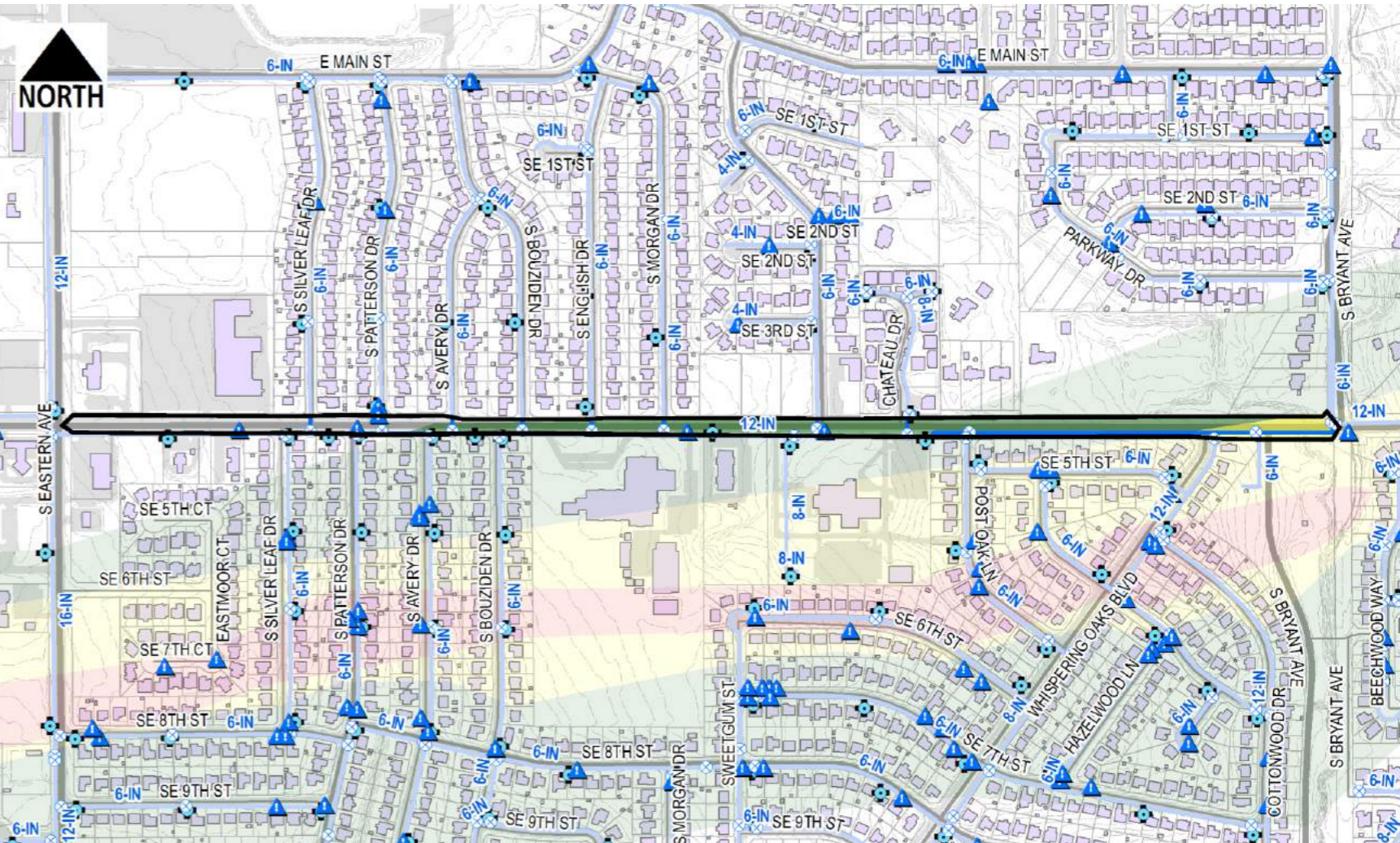
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	838	0.14	5.00	0.69
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3619	0.59	2.00	1.19
Length Outside Damage Area prior to Disaster (ft)	1644	0.27	1.00	0.27
Damage Score				2.14

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	4608	0.76	10.00	7.55
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.55

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	2	0.15	0.30
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	7	0.15	1.05
Condition Score			1.35



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **45.17**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Water Distribution
 Exhibit Group E.5

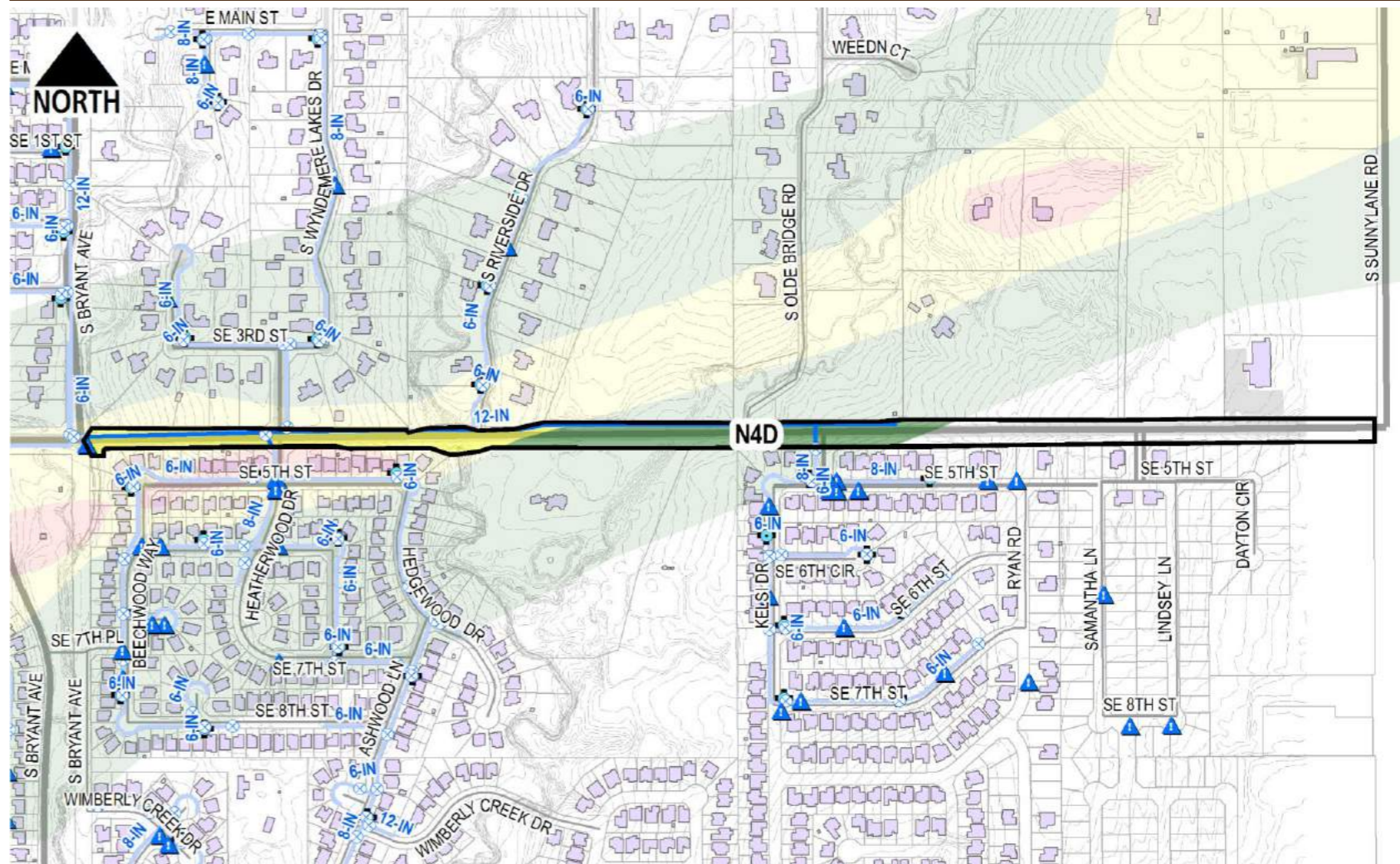
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	3524			
Line Size				
Diameter 12-in or greater (ft)	3313	0.94	10.00	9.40
Diameter 8-in to 12-in (ft)	201	0.06	5.00	0.29
Diameter 4-in to 6-in (ft)	10	0.00	1.00	0.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	3524	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	1031	0.29	10.00	2.93
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	2493	0.71	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	43	0.01	4.00	0.05
less than 10-years	0	0.00	2.00	0.00
Unknown	3481	0.99	1.00	0.99
Background Score				18.65

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2100	0.60	5.00	2.98
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1424	0.40	2.00	0.81
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.79

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	5	0.15	0.75
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	2	0.15	0.30
Condition Score			1.05



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4D
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.49**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	2614			
Line Size				
Diameter 12-in or greater (ft)	2596	0.99	10.00	9.93
Diameter 8-in to 12-in (ft)	9	0.00	5.00	0.02
Diameter 4-in to 6-in (ft)	8	0.00	1.00	0.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	2614	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	2415	0.92	10.00	9.24
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	199	0.08	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	41	0.02	5.00	0.08
10 to 15-years	635	0.24	4.00	0.97
less than 10-years	628	0.24	2.00	0.48
Unknown	1309	0.50	1.00	0.50
Background Score				26.22

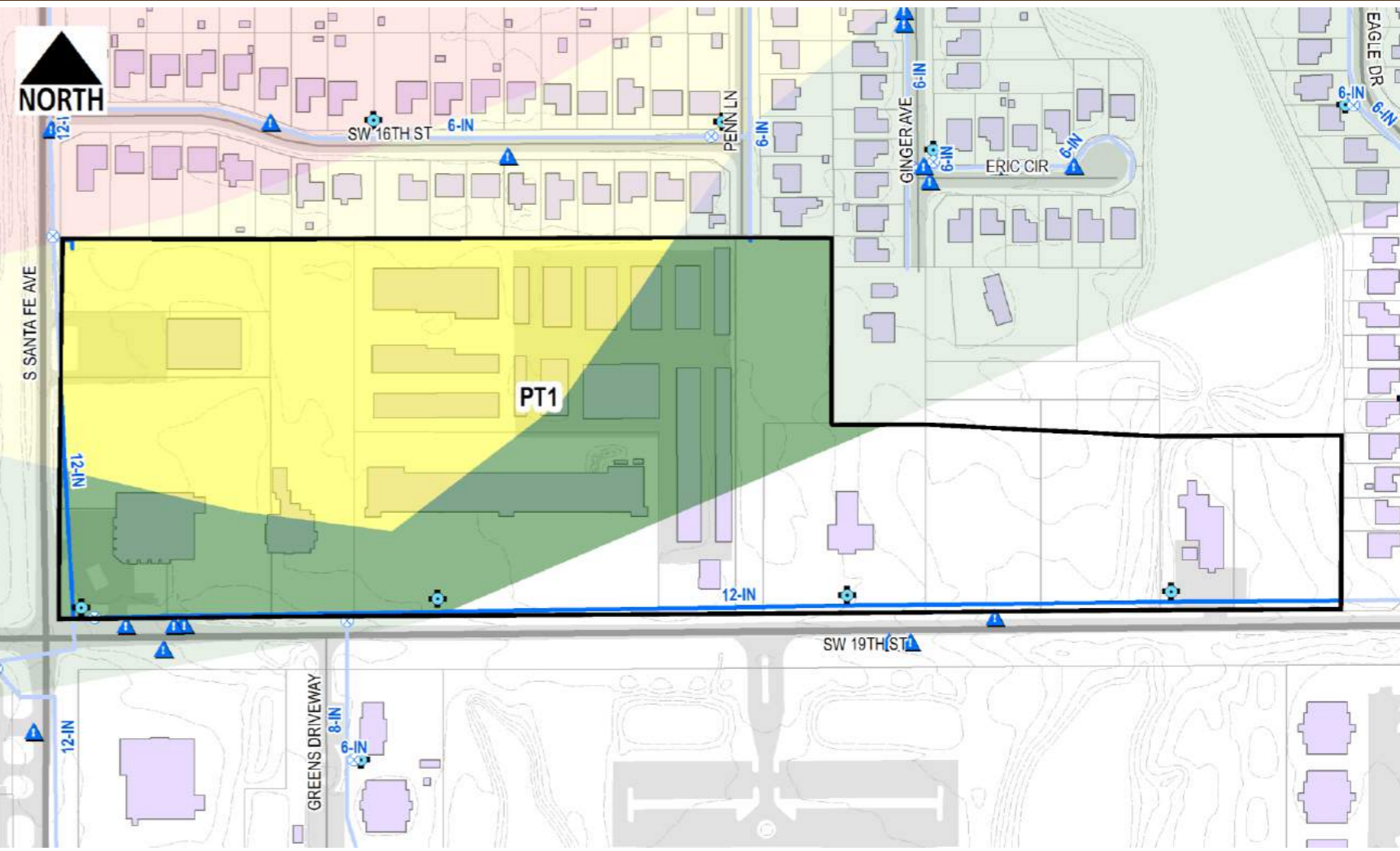
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	12	0.00	10.00	0.05
Length within EF2 to EF4 Damage Area prior to disaster (ft)	219	0.08	5.00	0.42
Length within EF0 to EF2 Damage Area prior to disaster (ft)	893	0.34	2.00	0.68
Length Outside Damage Area prior to Disaster (ft)	1490	0.57	1.00	0.57
Damage Score				1.72

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	1633	0.62	10.00	6.25
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.25

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	3	0.15	0.45
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	1	0.15	0.15
W4 - Future service connection anticipated	5	0.15	0.75
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			1.35



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.54**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	10131			
Line Size				
Diameter 12-in or greater (ft)	1272	0.13	10.00	1.26
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	8859	0.87	1.00	0.87
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	10131	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	10131	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	10131	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				27.13

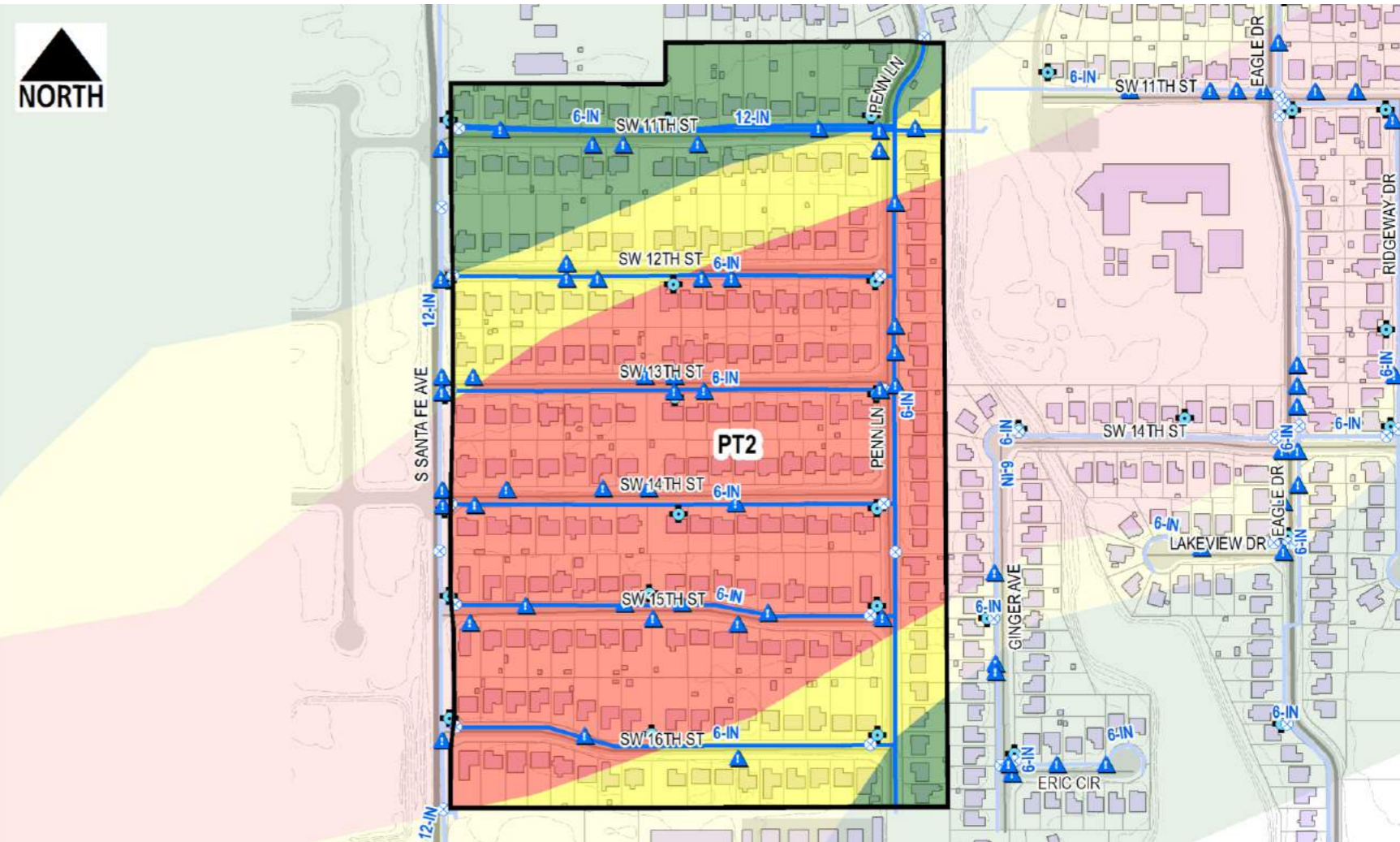
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	5625	0.56	10.00	5.55
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1931	0.19	5.00	0.95
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2575	0.25	2.00	0.51
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				7.01

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	9739	0.96	10.00	9.61
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.61

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	12	0.15	1.80
W2 - Damaged Hydrant	4	0.15	0.60
W3 - Abandoned Meter	1	0.15	0.15
W4 - Future service connection anticipated	87	0.15	13.05
W6 - Maintenance Event (2004-2014)	53	0.15	7.95
Condition Score			23.55



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT2: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **92.31**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	8635			
Line Size				
Diameter 12-in or greater (ft)	272	0.03	10.00	0.31
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	8362	0.97	1.00	0.97
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	8635	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	8223	0.95	10.00	9.52
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	412	0.05	0.00	0.00
Age				
More than 20-years	4763	0.55	10.00	5.52
15 to 20-years	3473	0.40	5.00	2.01
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	398	0.05	1.00	0.05
Background Score				23.38

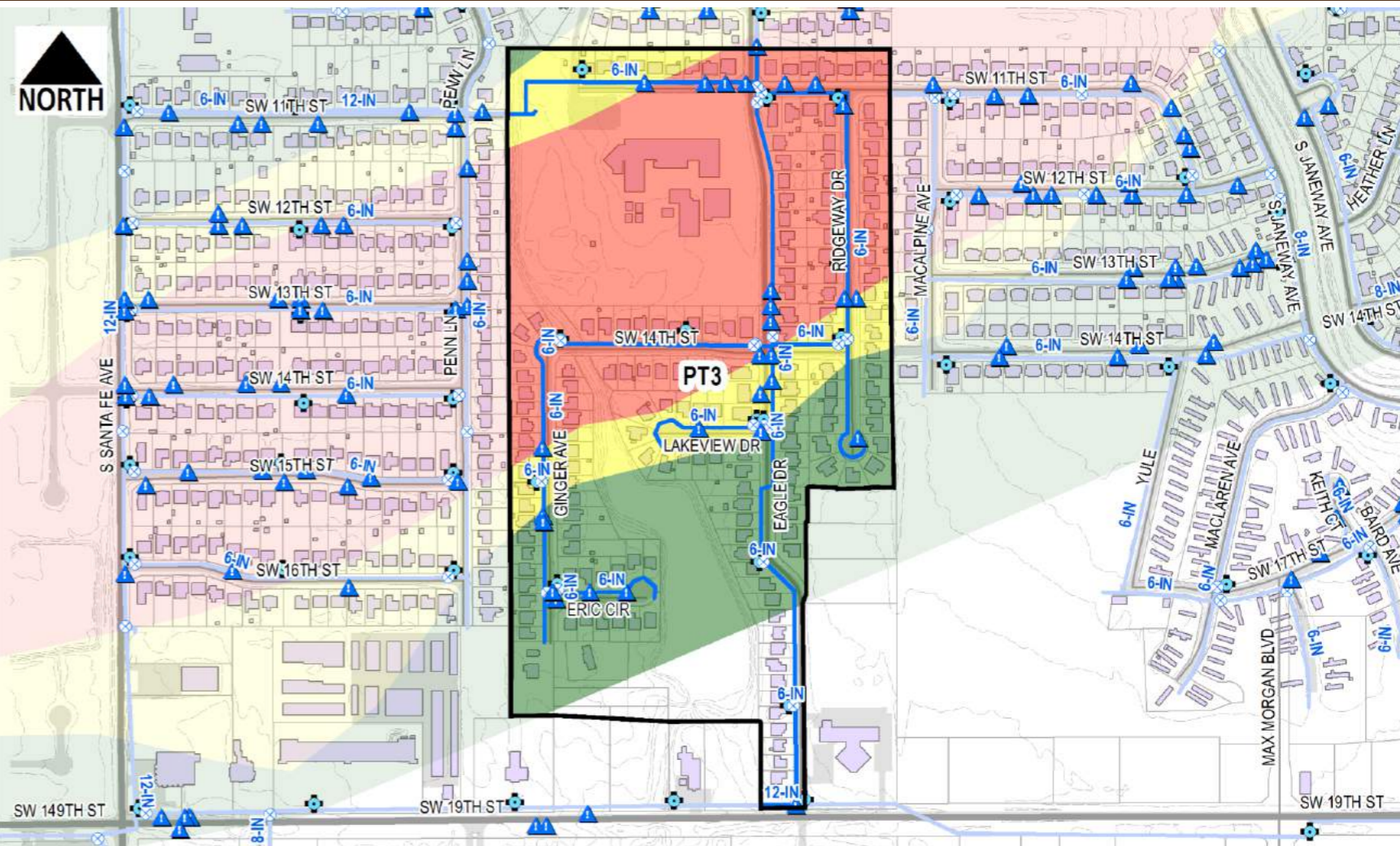
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3628	0.42	10.00	4.20
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2103	0.24	5.00	1.22
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2047	0.24	2.00	0.47
Length Outside Damage Area prior to Disaster (ft)	858	0.10	1.00	0.10
Damage Score				5.99

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	8635	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	4	0.15	0.60
W2 - Damaged Hydrant	3	0.15	0.45
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	48	0.15	7.20
W6 - Maintenance Event (2004-2014)	29	0.15	4.35
Condition Score			12.60



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT3
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT3: RECONSTRUCTION OF ALL PUBLIC WATER INFRASTRUCTURE	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **76.97**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	5363			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	79	0.01	5.00	0.07
Diameter 4-in to 6-in (ft)	5284	0.99	1.00	0.99
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	5363	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	5207	0.97	10.00	9.71
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	156	0.03	0.00	0.00
Age				
More than 20-years	5363	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				25.77

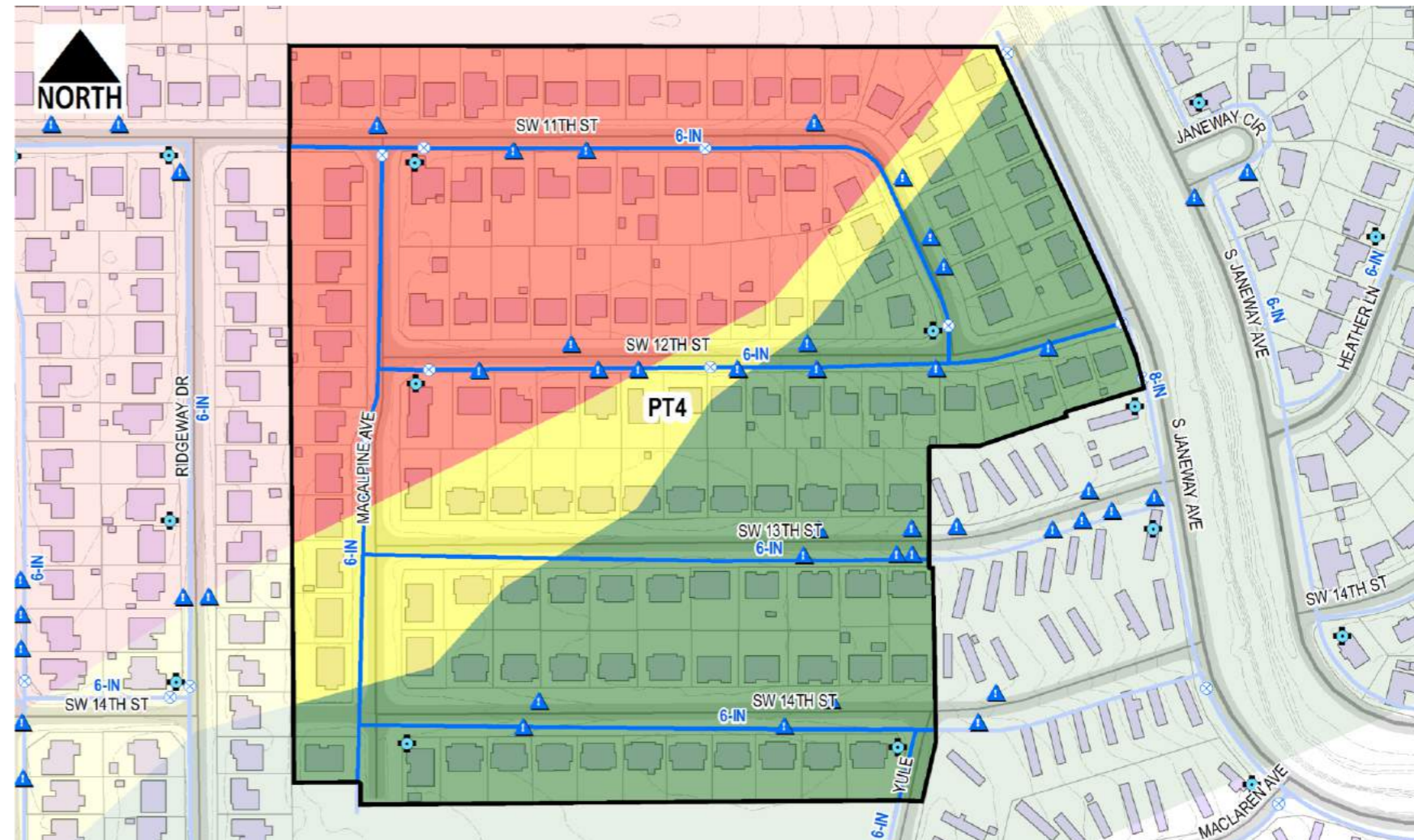
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1910	0.36	10.00	3.56
Length within EF2 to EF4 Damage Area prior to disaster (ft)	805	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2649	0.49	2.00	0.99
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				5.30

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	4087	0.76	10.00	7.62
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.62

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	4	0.15	0.60
W2 - Damaged Hydrant	1	0.15	0.15
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	88	0.15	13.20
W6 - Maintenance Event (2004-2014)	33	0.15	4.95
Condition Score			18.90



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT4: RECONSTRUCTION OF ALL PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **87.59**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	12665			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	438	0.03	5.00	0.17
Diameter 4-in to 6-in (ft)	12227	0.97	1.00	0.97
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	12665	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	12665	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	12665	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				26.14

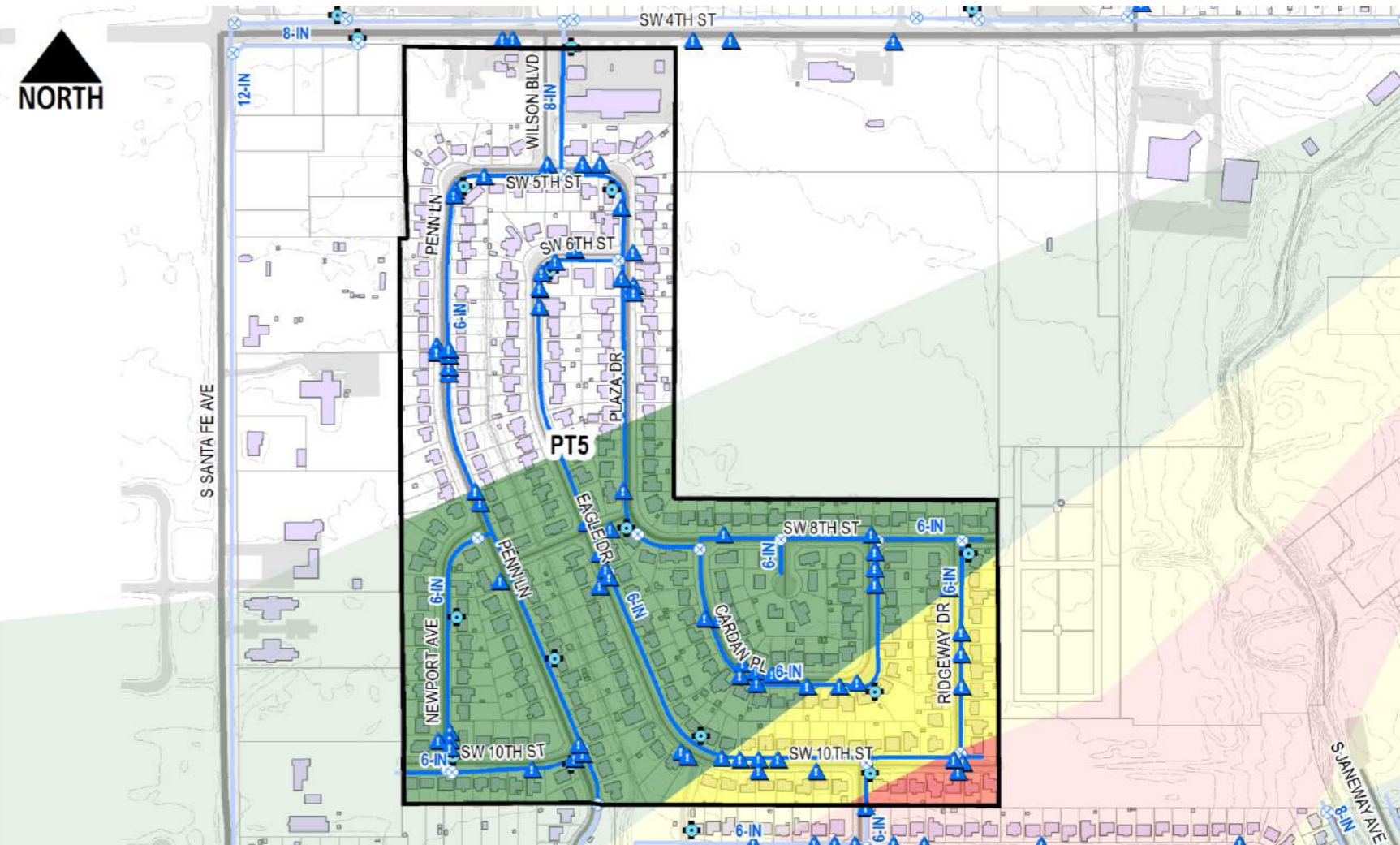
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	208	0.02	10.00	0.16
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1747	0.14	5.00	0.69
Length within EF0 to EF2 Damage Area prior to disaster (ft)	6894	0.54	2.00	1.09
Length Outside Damage Area prior to Disaster (ft)	3816	0.30	1.00	0.30
Damage Score				2.24

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	9099	0.72	10.00	7.18
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.18

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	2	0.15	0.30
W2 - Damaged Hydrant	2	0.15	0.30
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	21	0.15	3.15
W6 - Maintenance Event (2004-2014)	106	0.15	15.90
Condition Score			19.65



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT5: RECONSTRUCTION OF PUBLIC WATER LINE SYSTEM	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **80.22**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

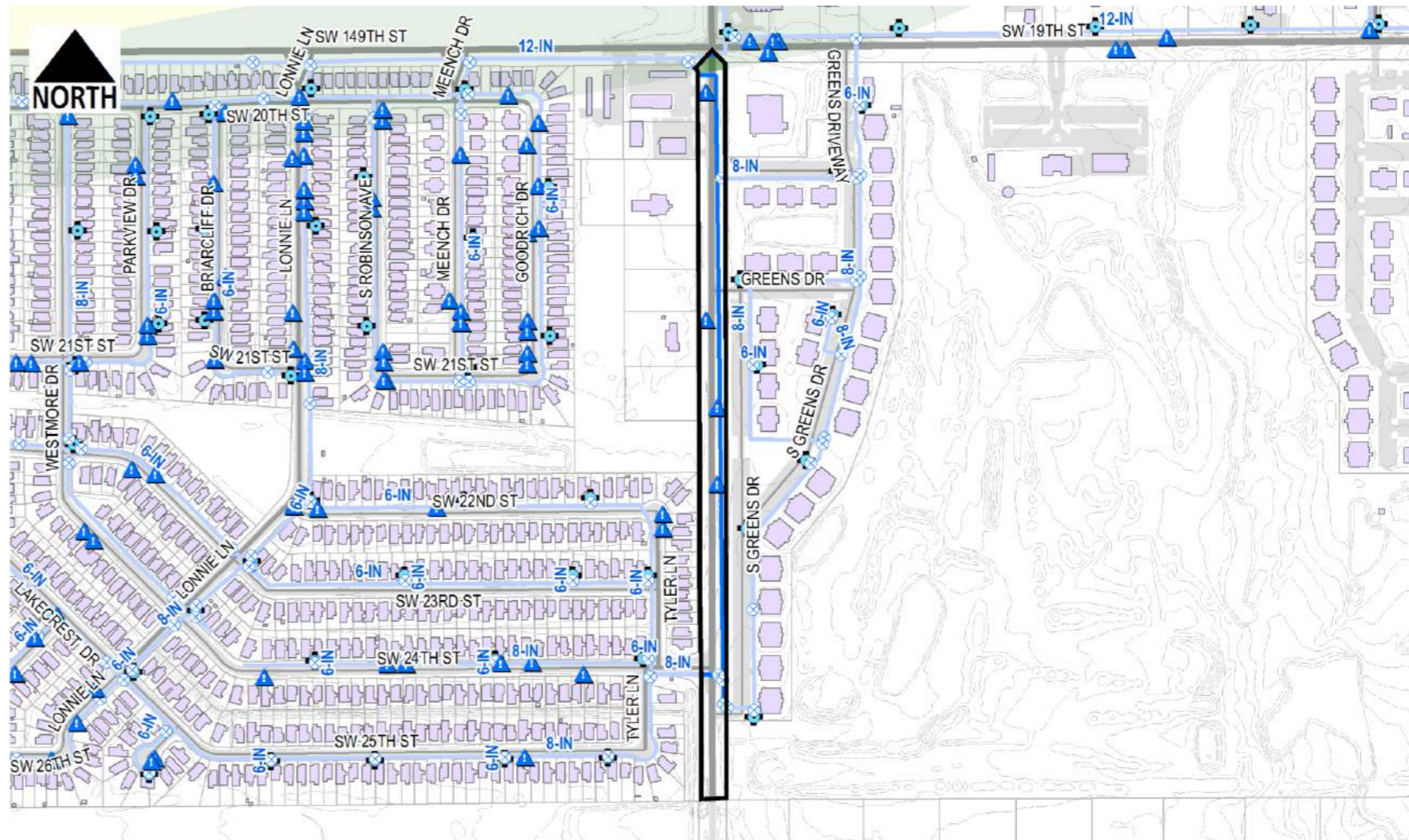
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	2494			
Line Size				
Diameter 12-in or greater (ft)	2355	0.94	10.00	9.44
Diameter 8-in to 12-in (ft)	139	0.06	5.00	0.28
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	2494	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	2494	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	68	0.03	5.00	0.14
10 to 15-years	1065	0.43	4.00	1.71
less than 10-years	0	0.00	2.00	0.00
Unknown	1360	0.55	1.00	0.55
Background Score				27.11

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	81	0.03	2.00	0.06
Length Outside Damage Area prior to Disaster (ft)	2413	0.97	1.00	0.97
Damage Score				1.03

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	2	0.15	0.30
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	4	0.15	0.60
Condition Score			0.90

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	1095	0.44	10.00	4.39
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				4.39



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **43.43**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	4965			
Line Size				
Diameter 12-in or greater (ft)	4806	0.97	10.00	9.68
Diameter 8-in to 12-in (ft)	16	0.00	5.00	0.02
Diameter 4-in to 6-in (ft)	144	0.03	1.00	0.03
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	4965	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	4965	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	763	0.15	10.00	1.54
15 to 20-years	365	0.07	5.00	0.37
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	304	0.06	2.00	0.12
Unknown	3533	0.71	1.00	0.71
Background Score				27.46

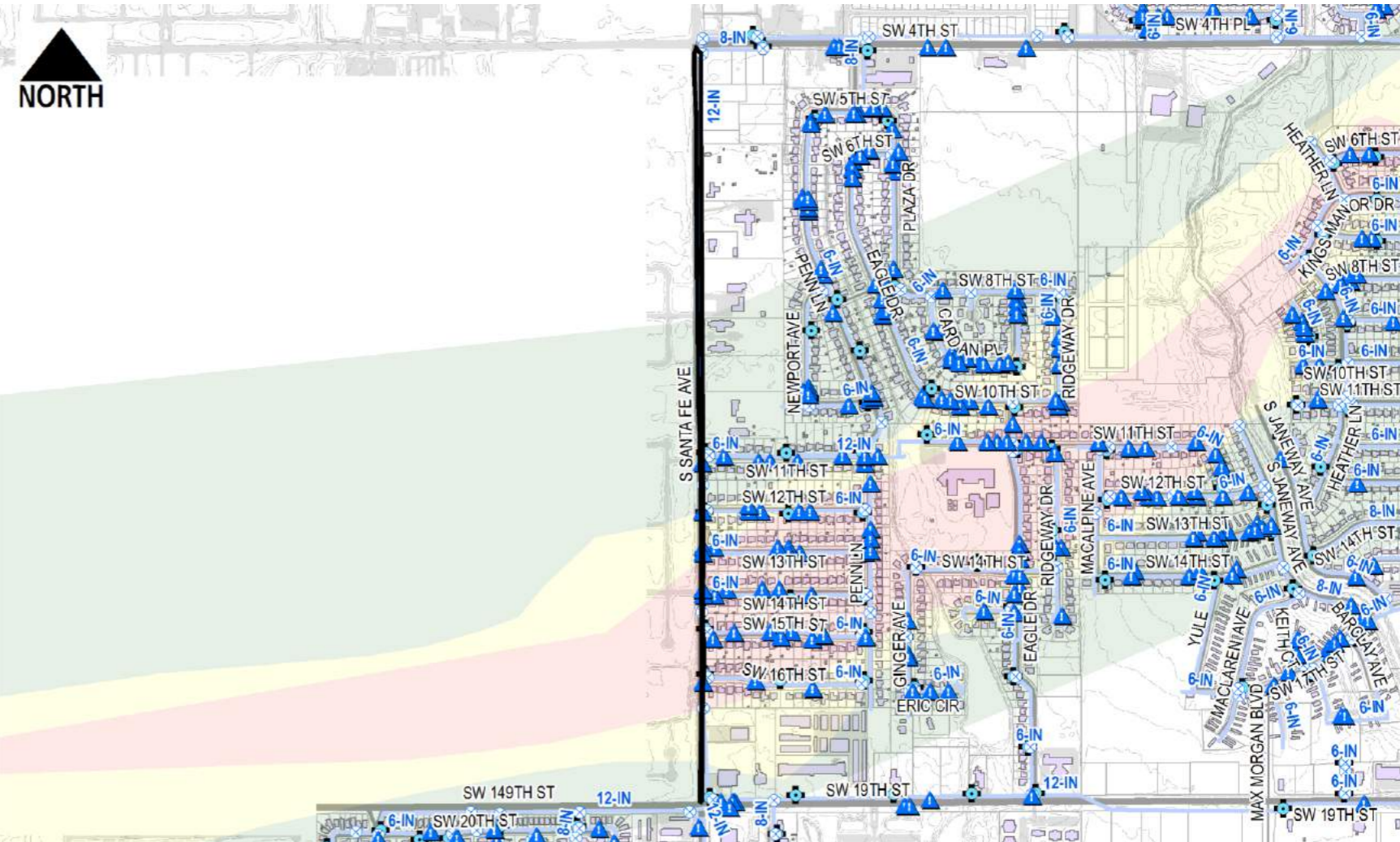
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1120	0.23	10.00	2.26
Length within EF2 to EF4 Damage Area prior to disaster (ft)	570	0.11	5.00	0.57
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1386	0.28	2.00	0.56
Length Outside Damage Area prior to Disaster (ft)	1890	0.38	1.00	0.38
Damage Score				3.77

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	1420	0.29	10.00	2.86
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				2.86

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	2	0.15	0.30
W2 - Damaged Hydrant	3	0.15	0.45
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	10	0.15	1.50
Condition Score			2.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.34**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Southmoor
Assessment Sub-Area SM2
Infrastructure Category Water Distribution
Exhibit Group E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	11074			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	11074	1.00	1.00	1.00
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	11074	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	11074	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	11074	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				26.00

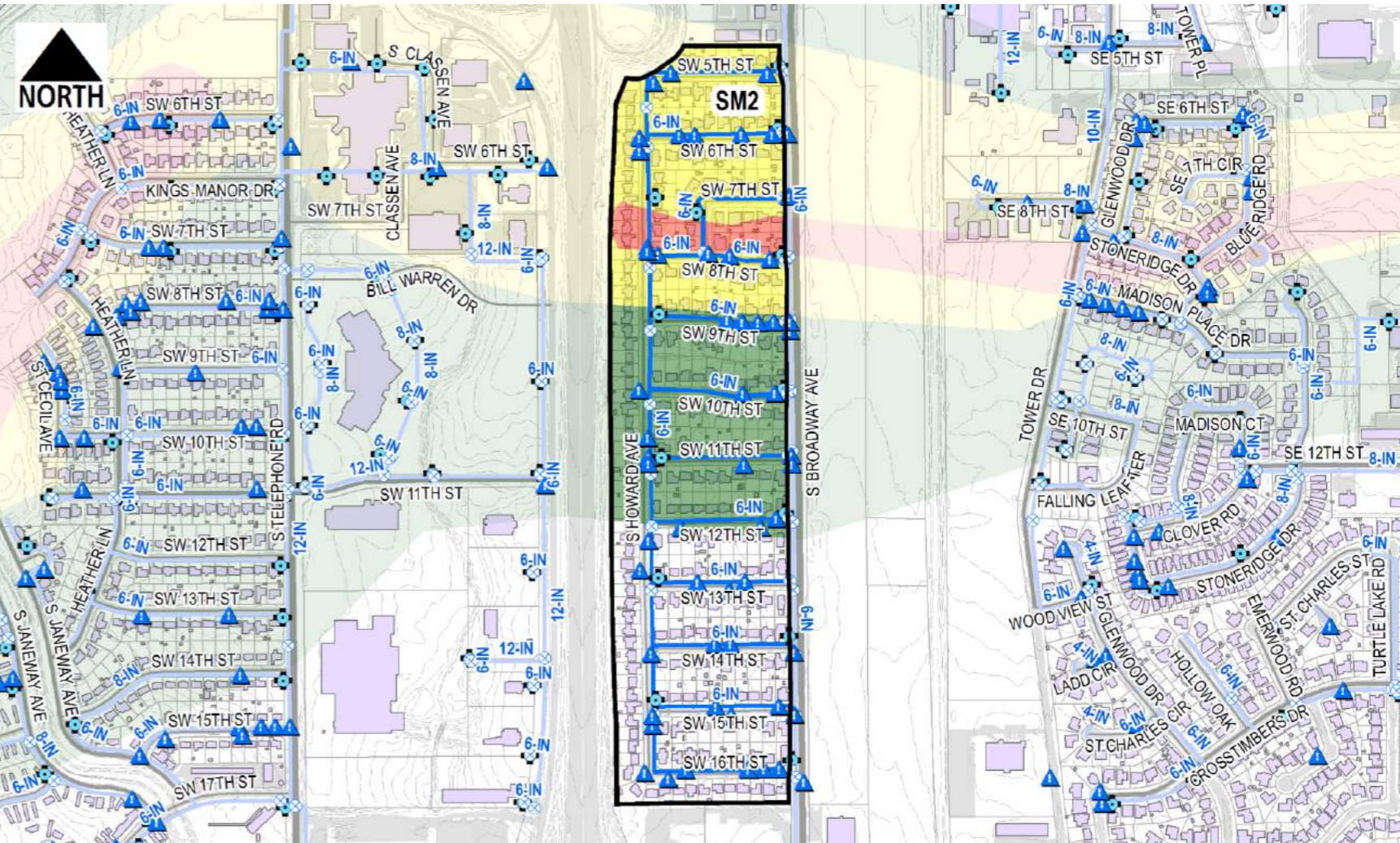
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	326	0.03	10.00	0.29
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3478	0.31	5.00	1.57
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3566	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	3704	0.33	1.00	0.33
Damage Score				2.84

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	2282	0.21	10.00	2.06
Length within 0.25-mi of Emergency Response Facility (ft)	2282	0.21	5.00	1.03
Proximity Score				3.09

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	1	0.15	0.15
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	22	0.15	3.30
W6 - Maintenance Event (2004-2014)	68	0.15	10.20
Condition Score			13.65



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA SM2: REPLACEMENT OF ALL EXISTING PUBLIC WATER LINES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **65.58**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Water Distribution
 Exhibit Group E.5

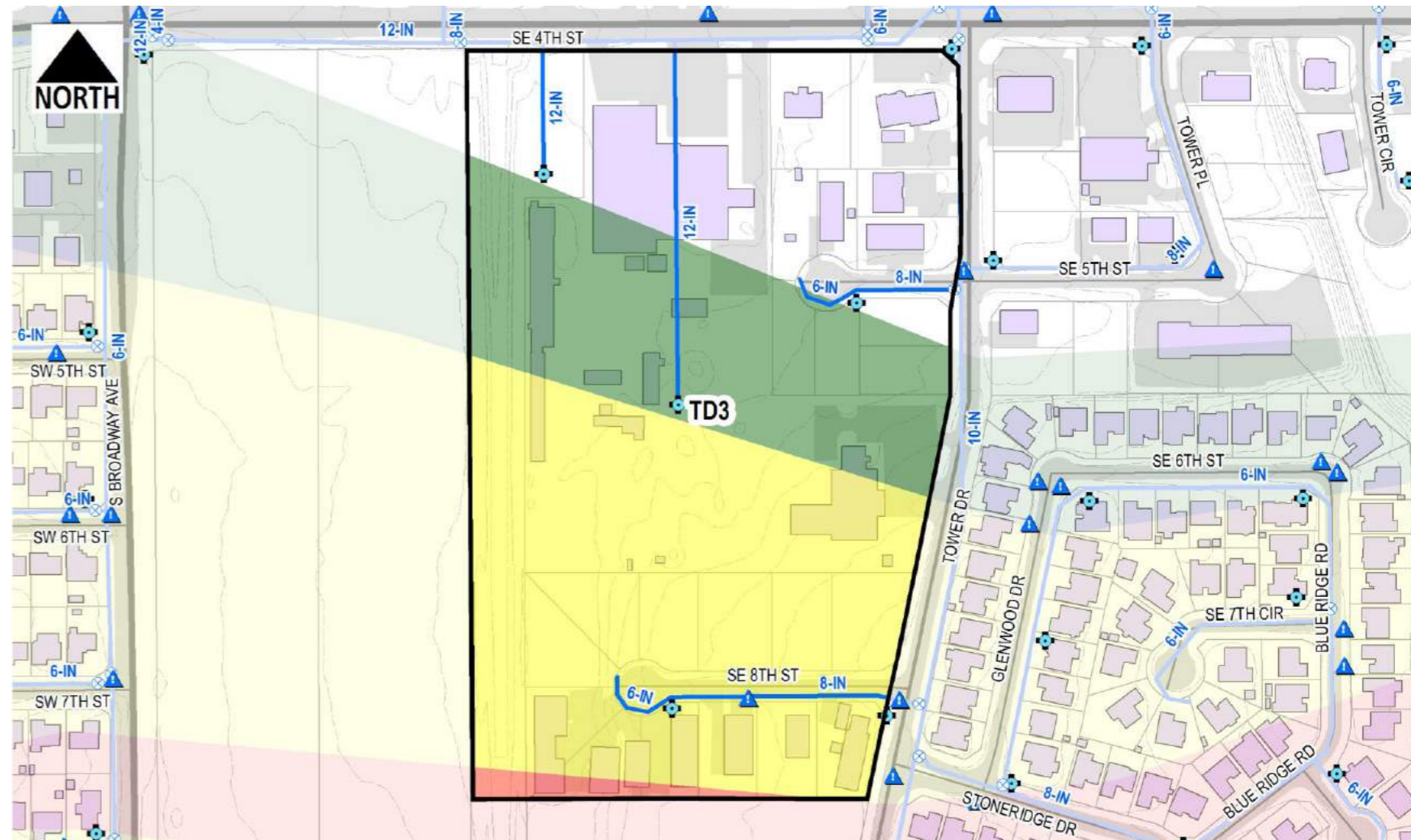
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	2023			
Line Size				
Diameter 12-in or greater (ft)	841	0.42	10.00	4.16
Diameter 8-in to 12-in (ft)	903	0.45	5.00	2.23
Diameter 4-in to 6-in (ft)	279	0.14	1.00	0.14
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	2023	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	2023	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	1619	0.80	10.00	8.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	404	0.20	1.00	0.20
Background Score				29.73

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	526	0.26	5.00	1.30
Length within EF0 to EF2 Damage Area prior to disaster (ft)	362	0.18	2.00	0.36
Length Outside Damage Area prior to Disaster (ft)	1135	0.56	1.00	0.56
Damage Score				2.22

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	553	0.27	10.00	2.73
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				2.73



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD3
Infrastructure Category Water Distribution
Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **44.68**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

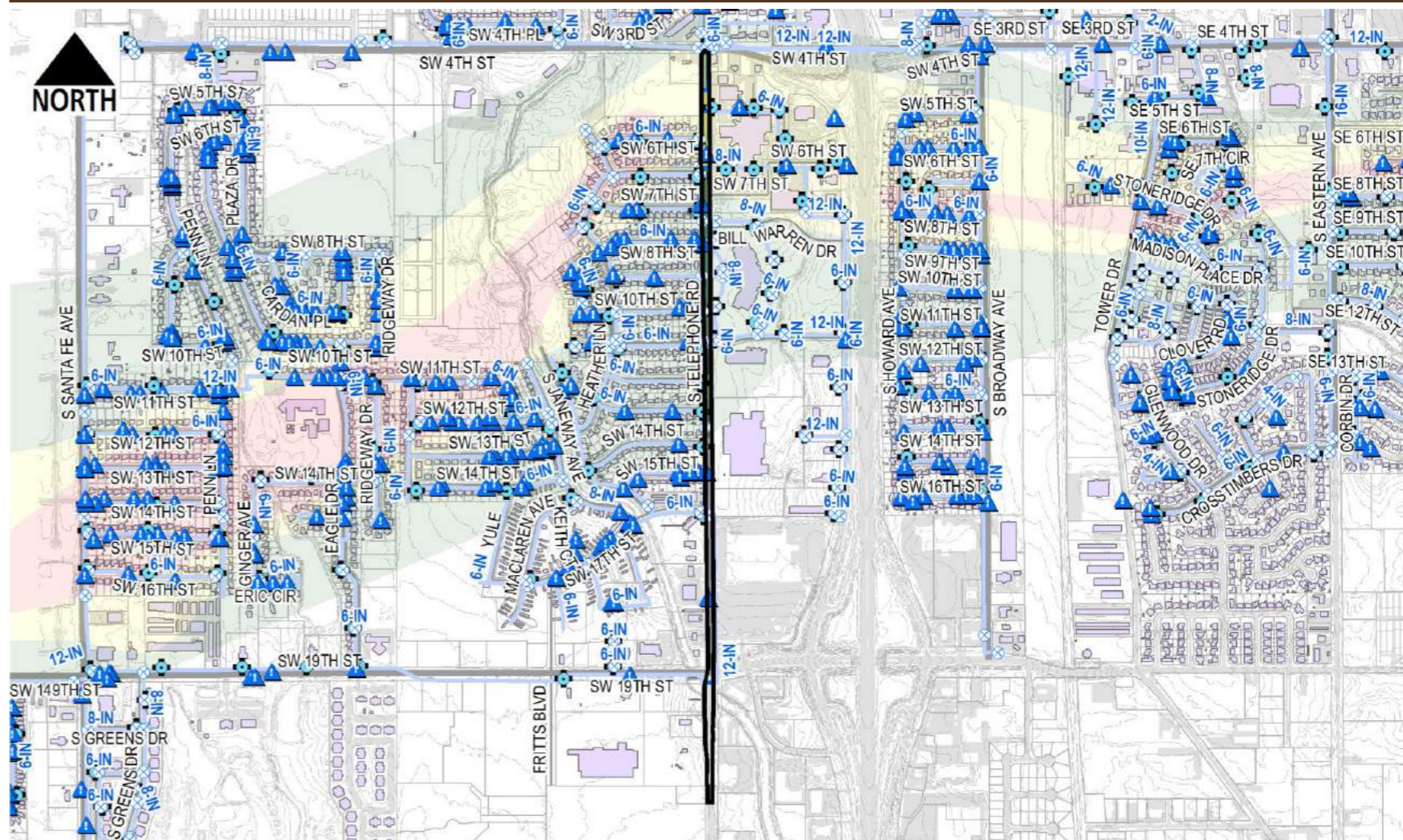
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	5840			
Line Size				
Diameter 12-in or greater (ft)	5343	0.91	10.00	9.15
Diameter 8-in to 12-in (ft)	188	0.03	5.00	0.16
Diameter 4-in to 6-in (ft)	309	0.05	1.00	0.05
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	5840	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	5201	0.89	10.00	8.91
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	639	0.11	0.00	0.00
Age				
More than 20-years	2657	0.45	10.00	4.55
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	49	0.01	2.00	0.02
Unknown	3133	0.54	1.00	0.54
Background Score				28.37

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1224	0.21	5.00	1.05
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2636	0.45	2.00	0.90
Length Outside Damage Area prior to Disaster (ft)	887	0.15	1.00	0.15
Damage Score				2.10

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	3054	0.52	10.00	5.23
Length within 0.25-mi of Emergency Response Facility (ft)	3054	0.52	5.00	2.61
Proximity Score				7.84



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **63.32**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

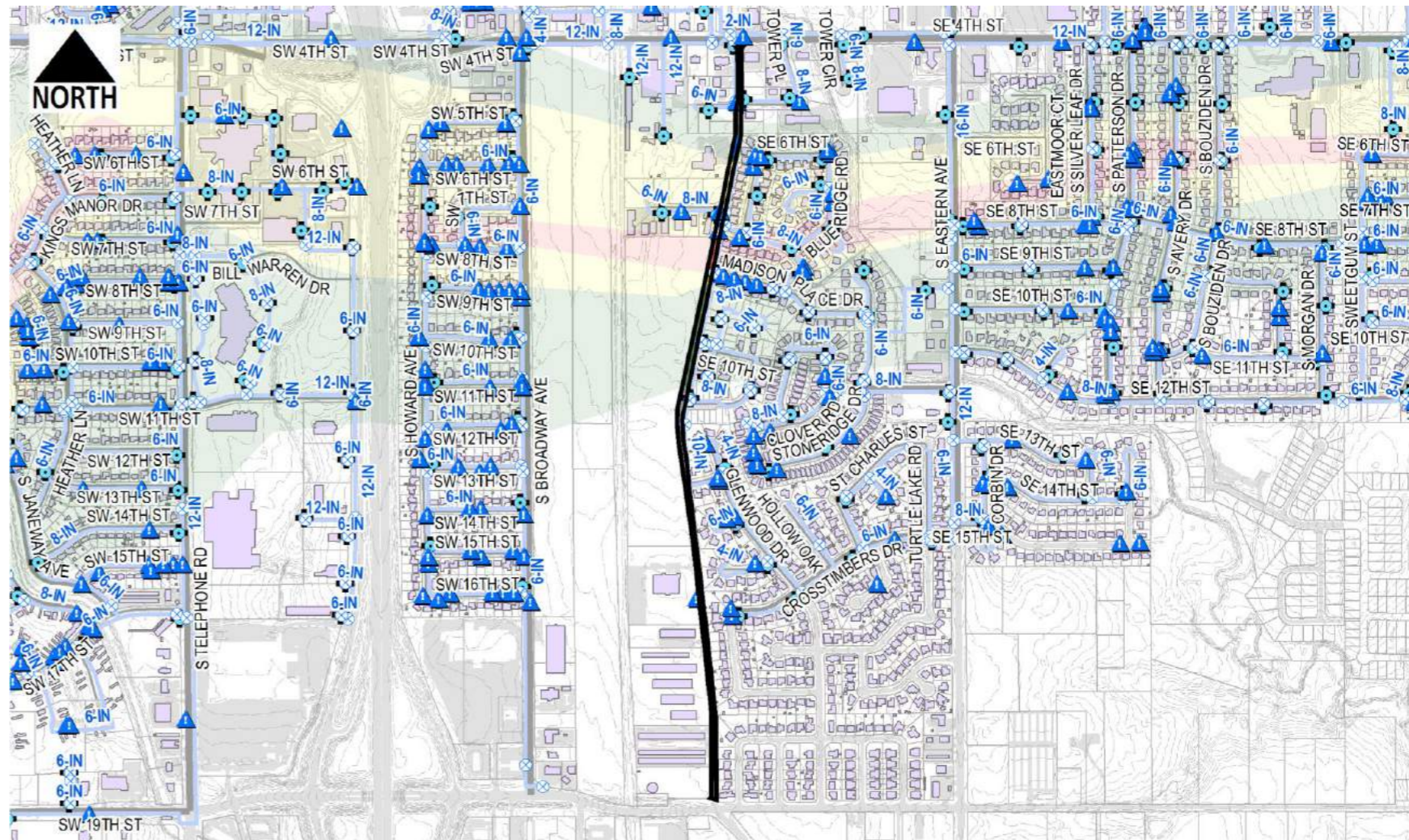
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	1961			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	1948	0.99	5.00	4.97
Diameter 4-in to 6-in (ft)	13	0.01	1.00	0.01
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	1961	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	1961	1.00	10.00	10.00
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	0	0.00	0.00	0.00
Age				
More than 20-years	1079	0.55	10.00	5.50
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	25	0.01	2.00	0.03
Unknown	856	0.44	1.00	0.44
Background Score				25.94

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	248	0.13	10.00	1.26
Length within EF2 to EF4 Damage Area prior to disaster (ft)	655	0.33	5.00	1.67
Length within EF0 to EF2 Damage Area prior to disaster (ft)	419	0.21	2.00	0.43
Length Outside Damage Area prior to Disaster (ft)	639	0.33	1.00	0.33
Damage Score				3.69

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	484	0.25	10.00	2.47
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				2.47

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	1	0.15	0.15
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	3	0.15	0.45
Condition Score			0.60



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q29: Improvements would benefit LMI Census Block Group?	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **42.69**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	6517			
Line Size				
Diameter 12-in or greater (ft)	1392	0.21	10.00	2.14
Diameter 8-in to 12-in (ft)	3946	0.61	5.00	3.03
Diameter 4-in to 6-in (ft)	1179	0.18	1.00	0.18
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	6517	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	5675	0.87	10.00	8.71
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	842	0.13	0.00	0.00
Age				
More than 20-years	2461	0.38	10.00	3.78
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	4056	0.62	2.00	1.24
Unknown	0	0.00	1.00	0.00
Background Score				24.07

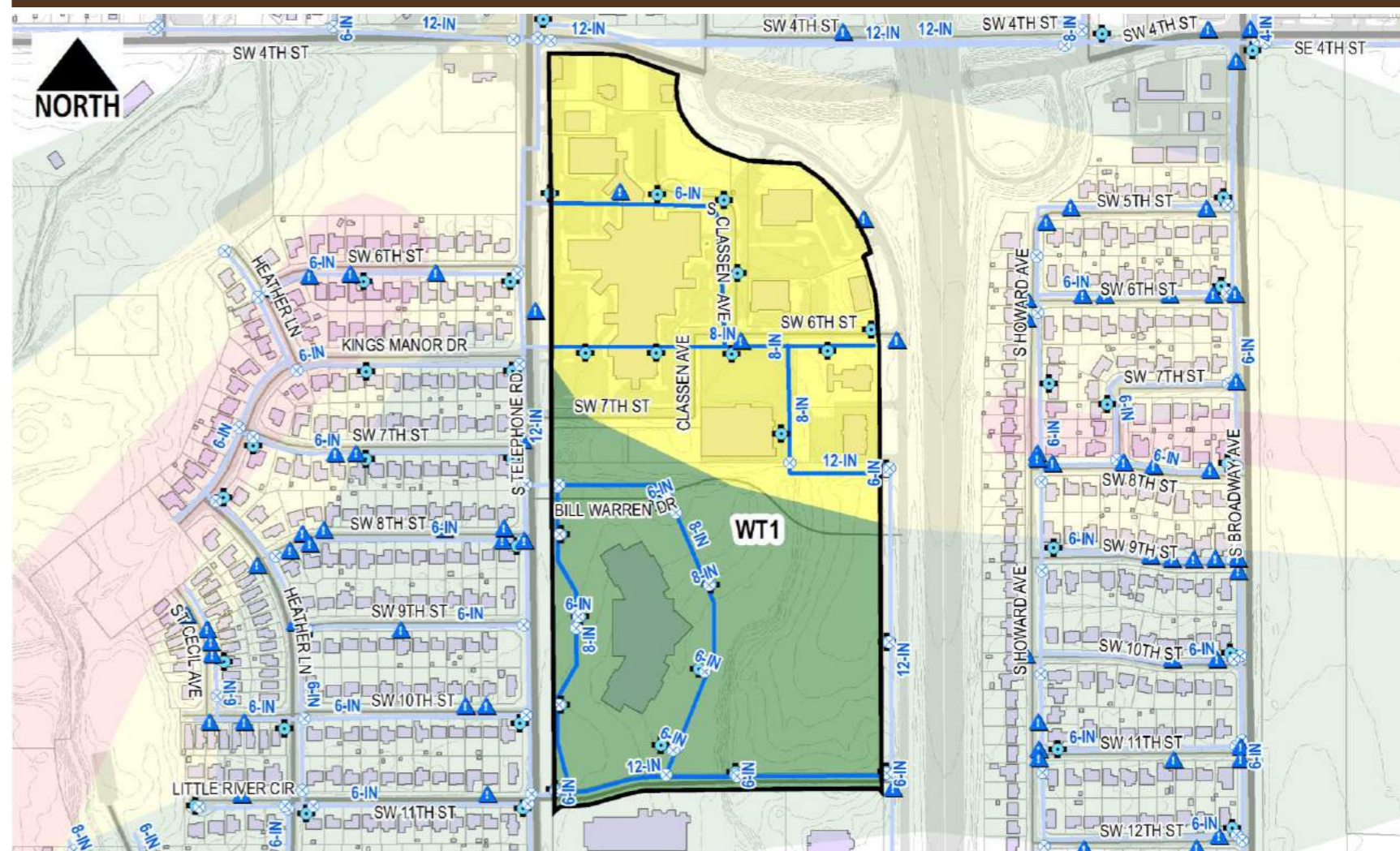
Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2781	0.43	5.00	2.13
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3736	0.57	2.00	1.15
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.28

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	6364	0.98	10.00	9.77
Length within 0.25-mi of Emergency Response Facility (ft)	6364	0.98	5.00	4.88
Proximity Score				14.65

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	1	0.15	0.15
W2 - Damaged Hydrant	4	0.15	0.60
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	2	0.15	0.30
Condition Score			1.05



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	10.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **68.05**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT3
 Infrastructure Category: Water Distribution
 Exhibit Group: E.5

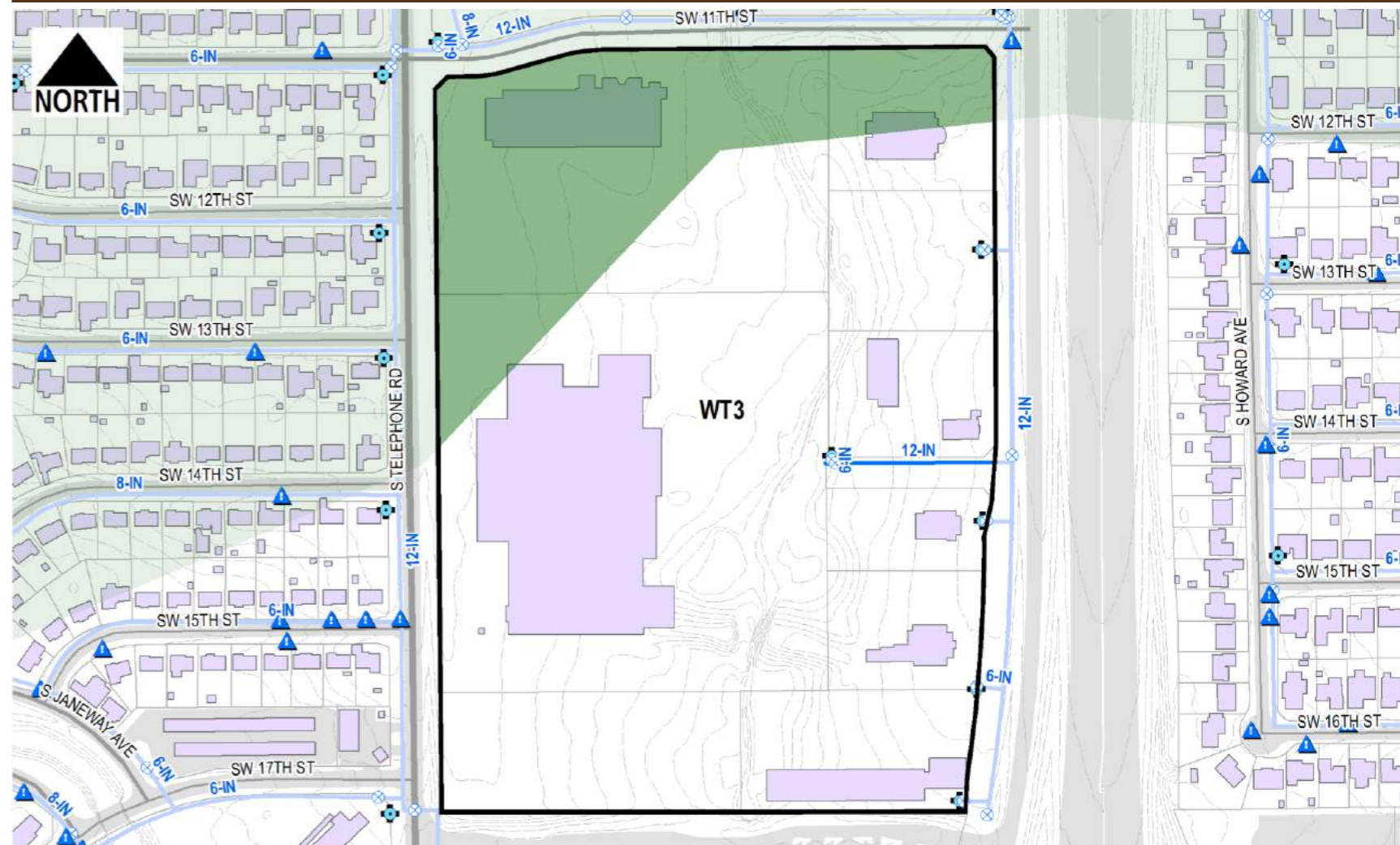
Assessment Data

Description	Value
Assessment By	J. Cotton / A. Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Water Line Length (ft)	411			
Line Size				
Diameter 12-in or greater (ft)	330	0.80	10.00	8.03
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	81	0.20	1.00	0.20
Material				
Length of Cast Iron (ft)	0	0.00	10.00	0.00
Length of PVC (ft)	0	0.00	5.00	0.00
Length of Other (ft)	411	1.00	5.00	5.00
Corrosion				
NRCS "High Steel Corrosion Potential" Map Unit (ft)	246	0.60	10.00	5.99
NRCS "Moderate Steel Corrosion Potential" Map Unit (ft)	165	0.40	0.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	411	1.00	2.00	2.00
Unknown	0	0.00	1.00	0.00
Background Score				21.21

Key Map



Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	411	1.00	1.00	1.00
Damage Score				1.00

Condition Analysis

Description	Quantity	Weighting Factor	Score
W1 - Damaged Valve	0	0.15	0.00
W2 - Damaged Hydrant	0	0.15	0.00
W3 - Abandoned Meter	0	0.15	0.00
W4 - Future service connection anticipated	0	0.15	0.00
W6 - Maintenance Event (2004-2014)	0	0.15	0.00
Condition Score			0.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical Water User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Water Distribution
 Exhibit Group E.5

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q28: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q29: Improvements would benefit LMI Census Block Group?	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q30: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q31: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q32: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q33: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q34: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q35: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q36: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **37.21**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	57			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	57			
Trails				
Existing (ft)	2124			
Proposed (ft)	1422			
Total Inventory				
Length of Bikeways/Trails completed (ft)	2181	0.61	1.00	0.61
Length of Bikeways/Trails remaining to be constructed (ft)	1422	0.39	5.00	1.97
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	1422	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00

Background Score 7.58

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1034	0.29	5.00	1.43
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	3557	0.99	3.00	2.96
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

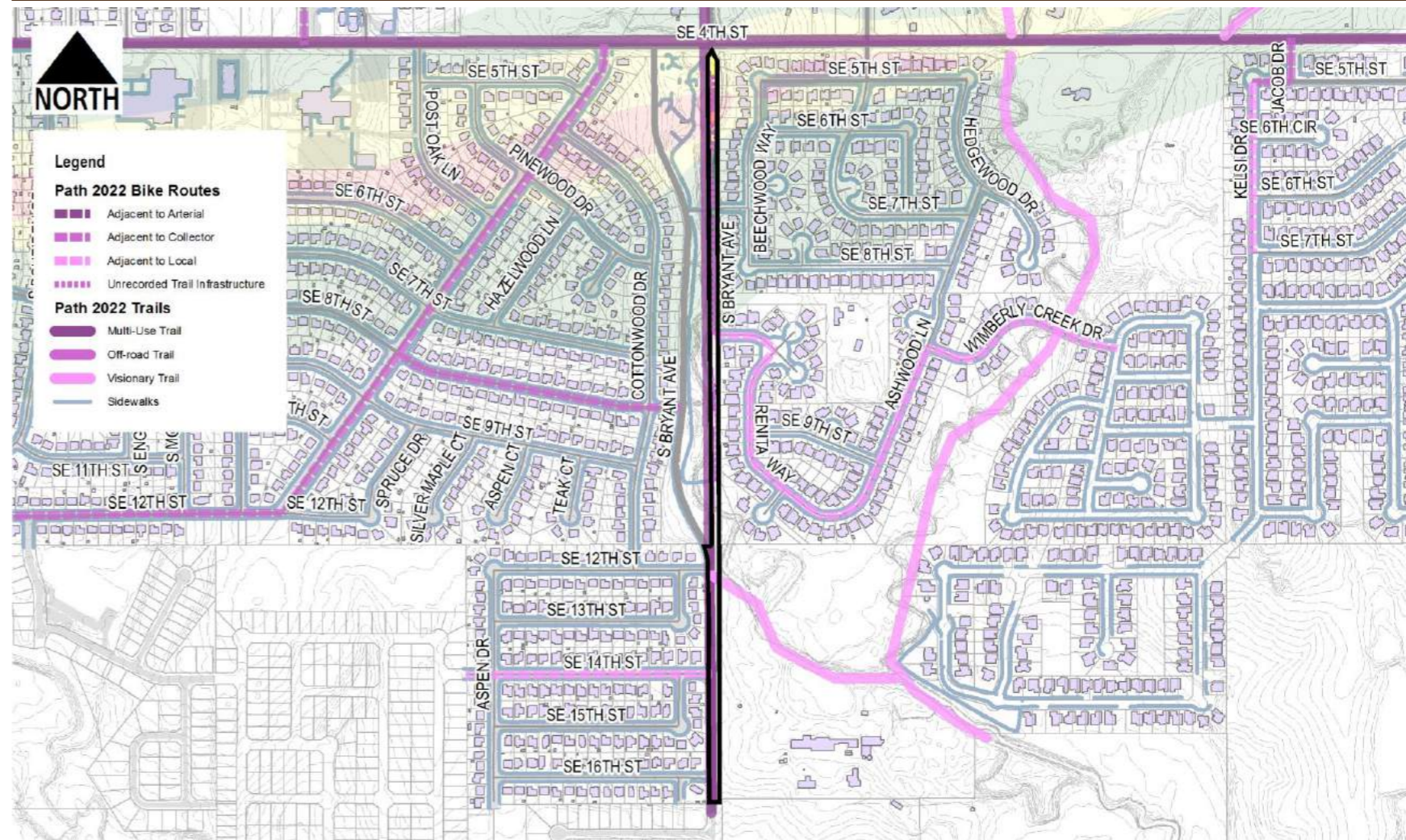
Proximity Score 4.40

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	196	0.09	10.00	0.90
Length within EF2 to EF4 Damage Area prior to disaster (ft)	204	0.09	5.00	0.47
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1039	0.48	2.00	0.95
Length Outside Damage Area prior to Disaster (ft)	743	0.34	1.00	0.34

Damage Score 2.66

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	3	0.25	0.75
BW4 - Panel Cracking	2	0.25	0.50	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	1	0.25	0.25	BW13 - Evidence of Recent Repair Work	1	0.25	0.25
BW7 - Sidewalk Missing/not Continuous	3	0.25	0.75	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 2.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **37.14**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	28			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	28			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	5222			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	5250	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	4725	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	5250	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2210	0.42	3.00	1.26
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 1.26

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
BA2: 10-FT MULTI-USE TRAIL, VETERAN'S PARK TO MAIN STREET	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.76**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Broadway Avenue

Assessment Sub-Area: BR1

Infrastructure Category: Bikeways/Trails

Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	5139			
Proposed: Portion along arterial roadways (ft)	5139			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	3904			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	9043	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	9043	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00

Background Score: 10.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	5142	0.57	1.00	0.57
Length within 0.25-mi of Library (ft)	729	0.08	1.00	0.08

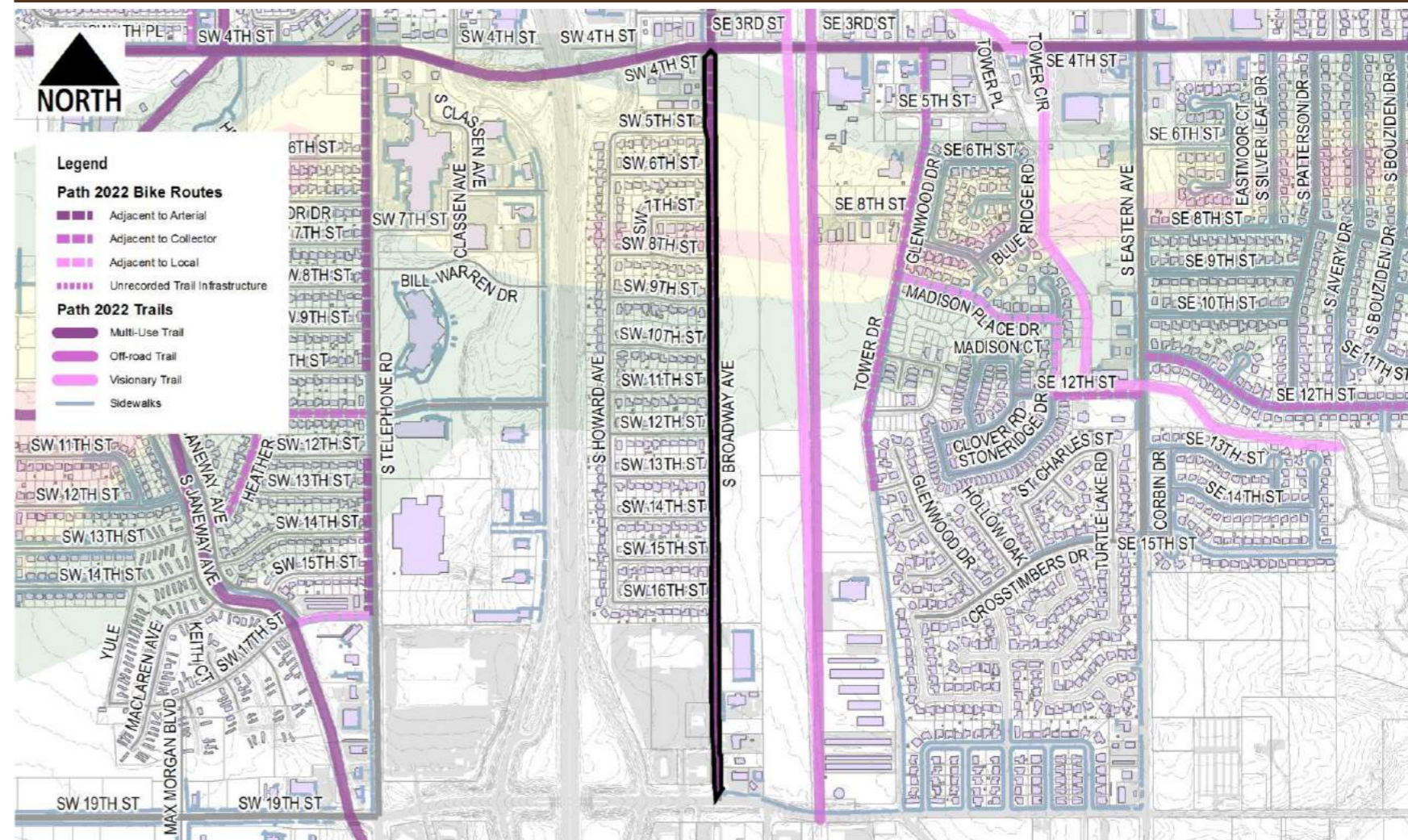
Proximity Score: 0.65

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score: 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score: 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Broadway Avenue
 Assessment Sub-Area BR1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
BR1: NEW MULTI-USE TRAIL, EAST SIDE OF S. BROADWAY, ADJACENT TO NEW PARK	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **45.65**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	1441			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	1441			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	1441	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	1441	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00

Background Score 10.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	969	0.67	5.00	3.36
Length within 0.25-mi of Junior High School (ft)	170	0.12	4.00	0.47
Length within 0.25-mi of Park (ft)	1441	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

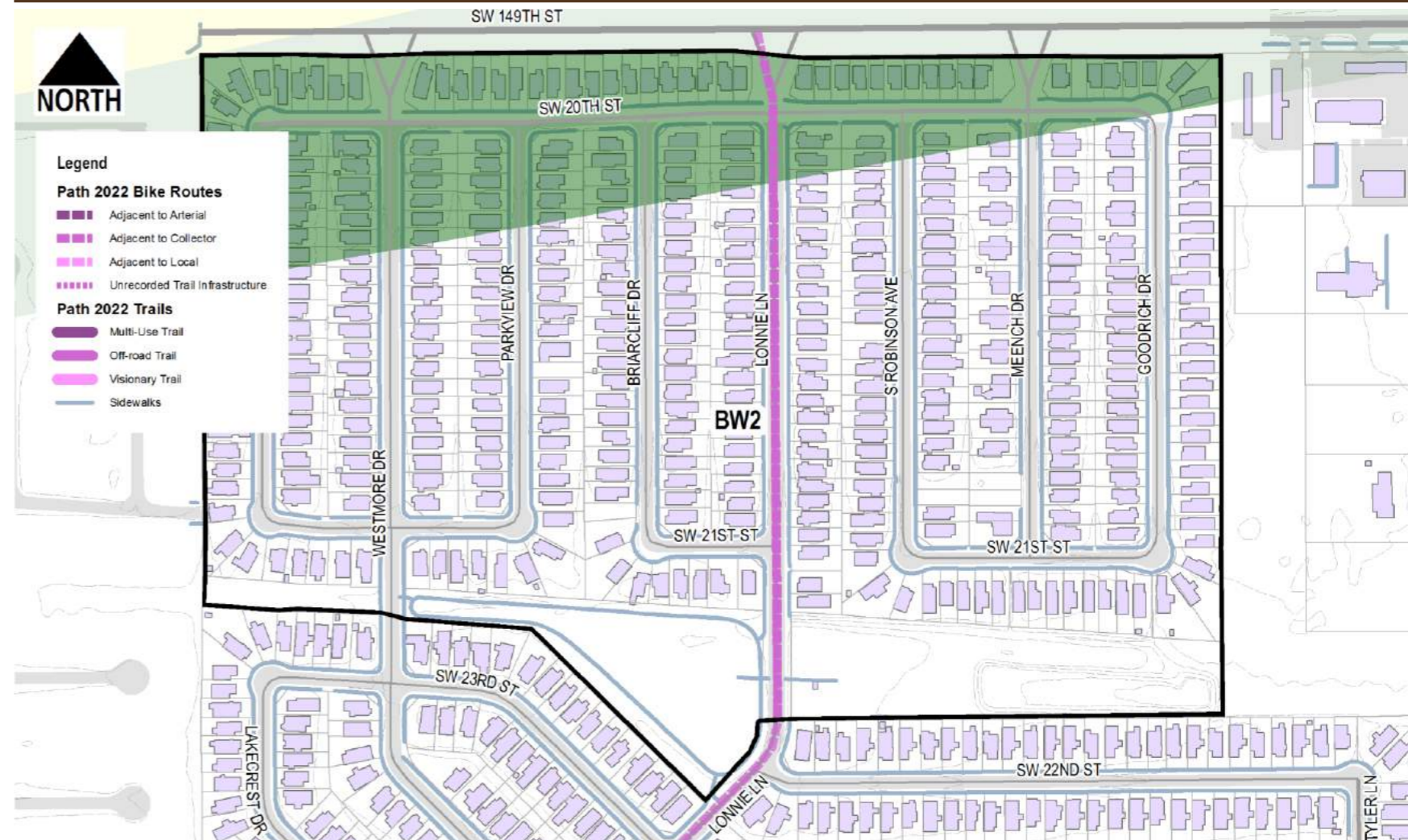
Proximity Score 6.83

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	2	0.25	0.50	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
BW2: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETScape ASSES	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **52.33**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue

Assessment Sub-Area EA1

Infrastructure Category Bikeways/Trails

Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	76			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	76			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	100			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	176	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	176	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00

Background Score 10.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	176	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

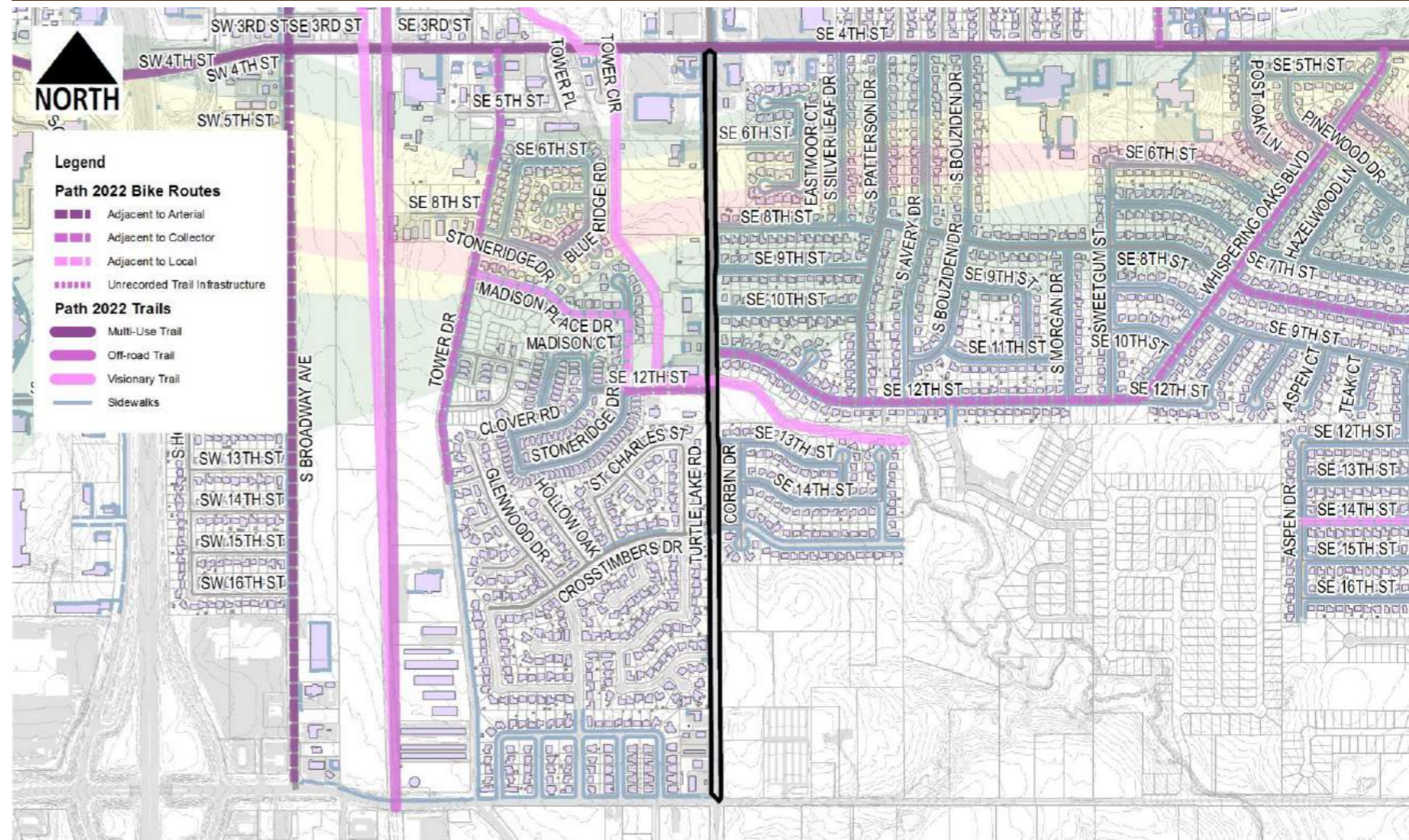
Proximity Score 3.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **43.00**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.50	5.00	2.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.50	1.00	0.50
Background Score				3.00

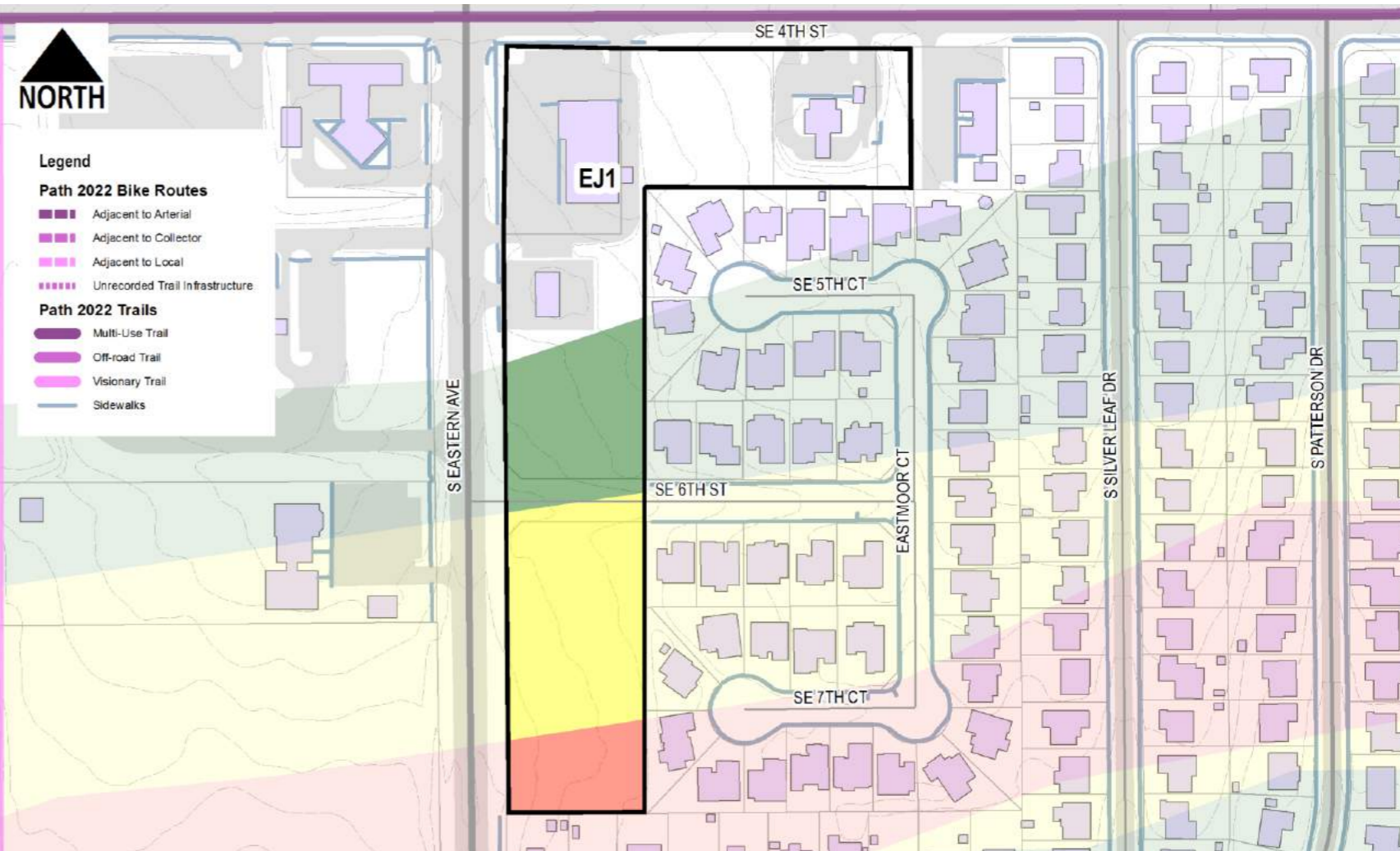
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.00**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	2679			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	2679			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	2679	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	2679	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00
Background Score				10.00

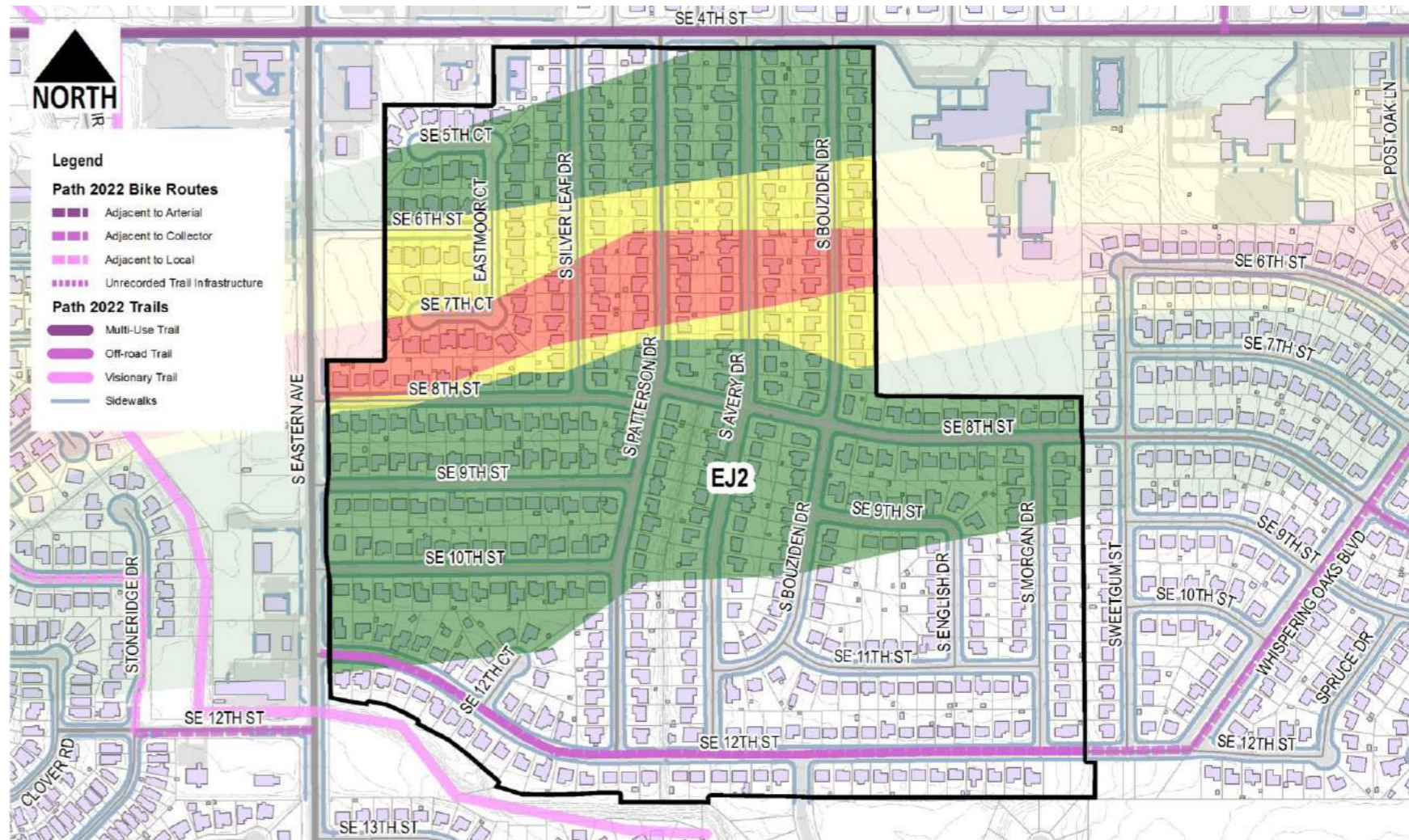
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	2262	0.84	5.00	4.22
Length within 0.25-mi of Junior High School (ft)	1163	0.43	4.00	1.74
Length within 0.25-mi of Park (ft)	672	0.25	3.00	0.75
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				6.71

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
EJ2: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETSCAPE ASSESS	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.71**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ4
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.00	5.00	0.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				1.00

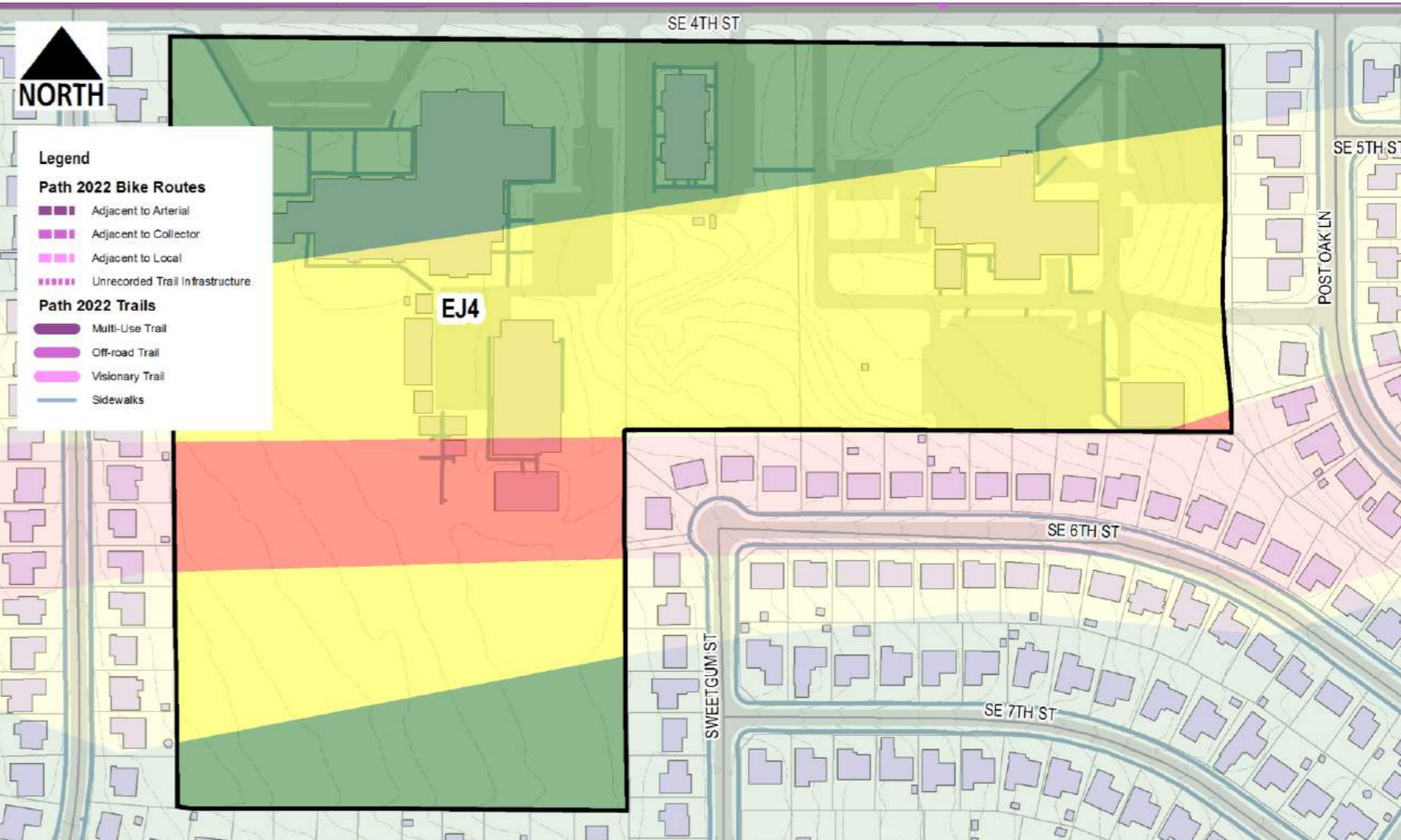
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ4
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **1.00**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ5
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	4805			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	4805			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	4805	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	4325	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	481	0.10	1.00	0.10

Background Score 9.60

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1081	0.22	5.00	1.12
Length within 0.25-mi of Junior High School (ft)	2262	0.47	4.00	1.88
Length within 0.25-mi of Park (ft)	2991	0.62	3.00	1.87
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

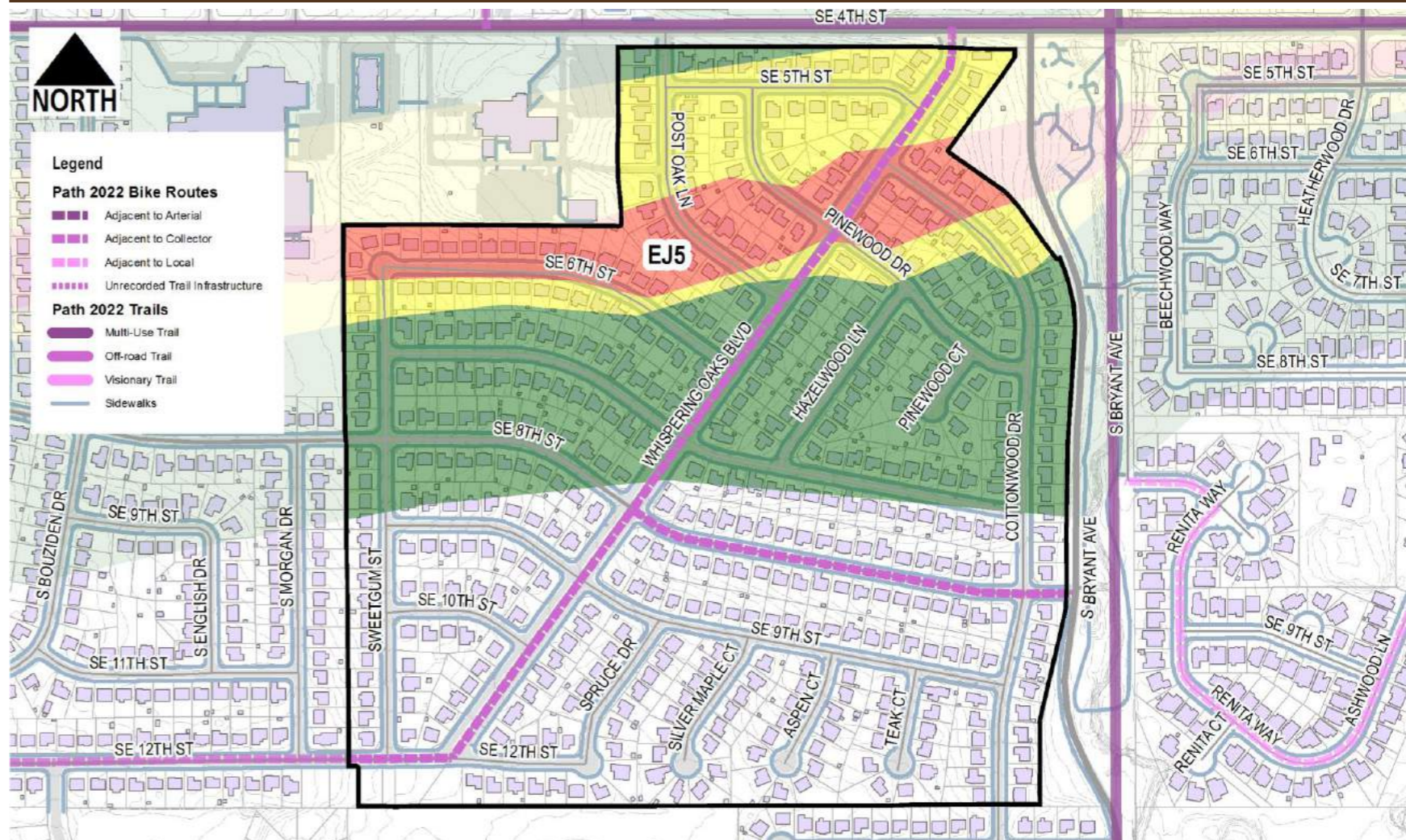
Proximity Score 4.88

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ5
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
EJ5: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETScape ASSESS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **49.48**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	15			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	15			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	2929			
Proposed (ft)	2561			
Total Inventory				
Length of Bikeways/Trails completed (ft)	2929	0.53	1.00	0.53
Length of Bikeways/Trails remaining to be constructed (ft)	2576	0.47	5.00	2.34
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	2576	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00

Background Score 7.87

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	5505	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

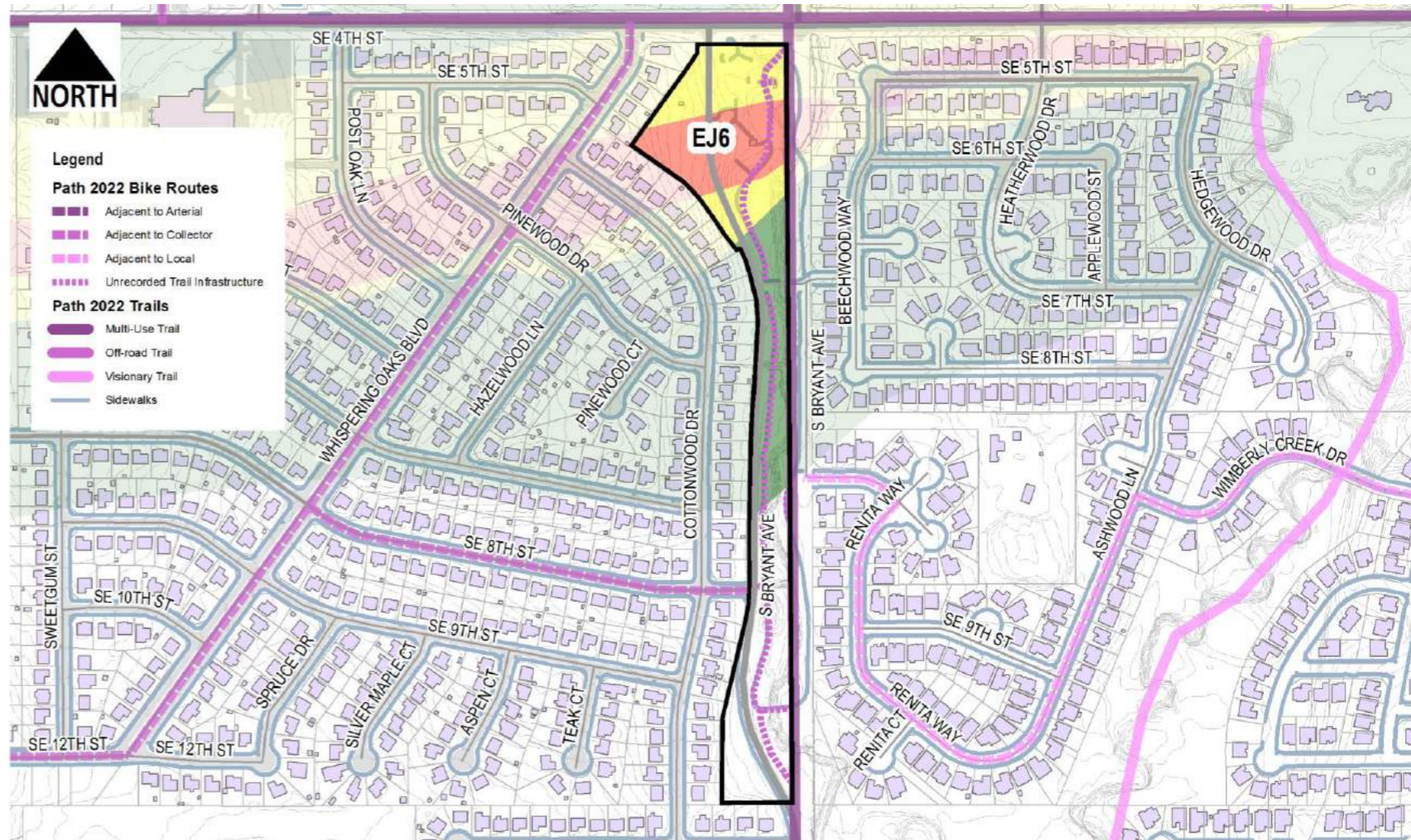
Proximity Score 3.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	294	0.10	10.00	1.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	425	0.15	5.00	0.73
Length within EF0 to EF2 Damage Area prior to disaster (ft)	912	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	1297	0.44	1.00	0.44

Damage Score 2.79

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	1	0.25	0.25	BW10 - not ADA Compliant at intersection	2	0.25	0.50
BW4 - Panel Cracking	25	0.25	6.25	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	5	0.25	1.25	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 8.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **41.92**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	507			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	507	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	406	0.80	5.00	4.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	101	0.20	1.00	0.20

Background Score 9.20

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	461	0.91	3.00	2.73
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

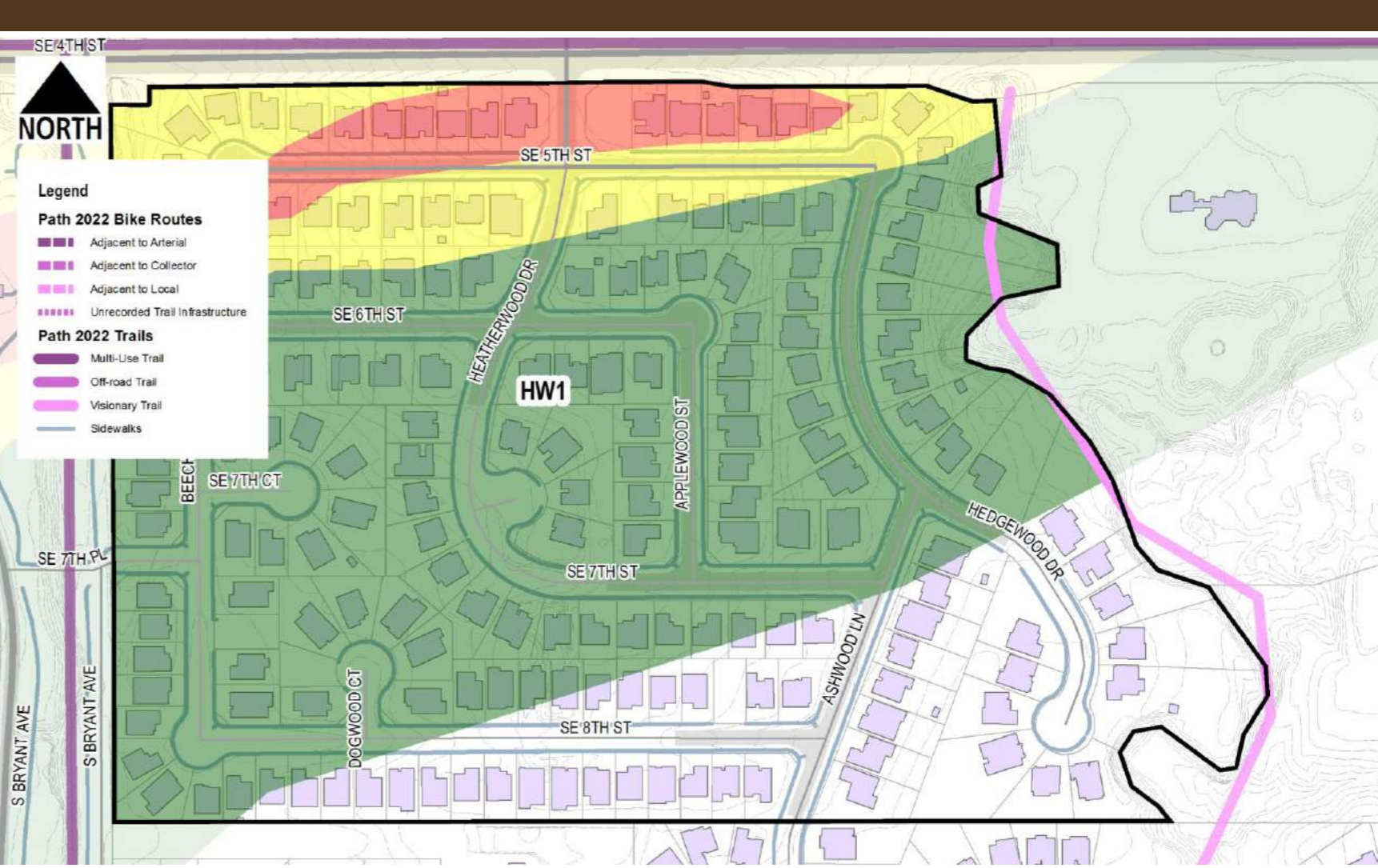
Proximity Score 2.73

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
HW1: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETSCAPE ASSES	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.93**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	799			
Proposed: Portion along arterial roadways (ft)	81			
Proposed: Portion along collector roadways (ft)	718			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	1523			
Proposed (ft)	3268			
Total Inventory				
Length of Bikeways/Trails completed (ft)	1523	0.27	1.00	0.27
Length of Bikeways/Trails remaining to be constructed (ft)	4067	0.73	5.00	3.64
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	3660	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	407	0.10	1.00	0.10

Background Score 8.51

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	3894	0.70	3.00	2.09
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

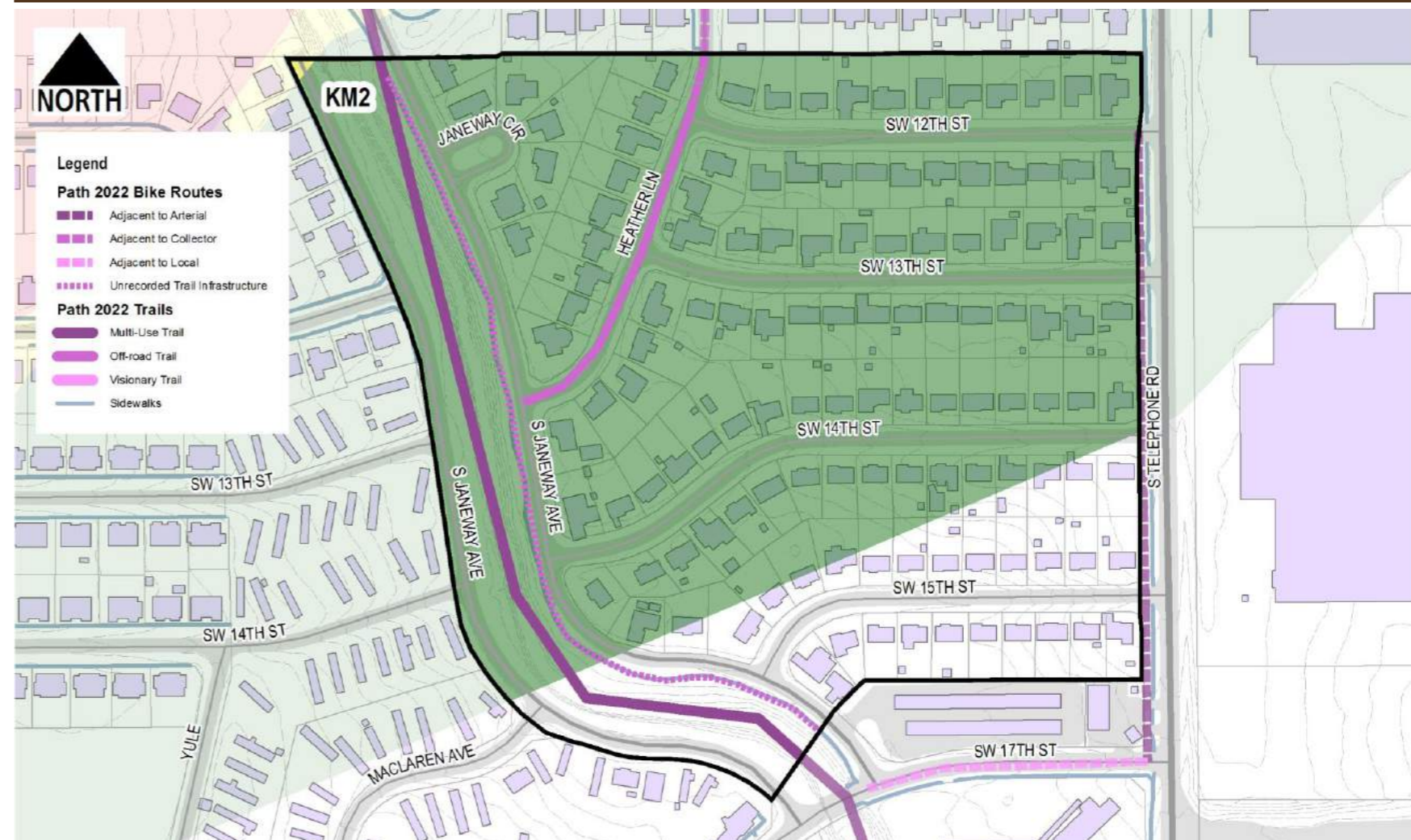
Proximity Score 2.09

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1115	0.73	2.00	1.46
Length Outside Damage Area prior to Disaster (ft)	408	0.27	1.00	0.27

Damage Score 1.73

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	3	0.25	0.75	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	3	0.25	0.75	BW11 - Evidence of Ponding	1	0.25	0.25
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	1	0.25	0.25	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 2.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
KM2: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETSCAPE ASSES	1.00	5.00	5.00	
KM2: NEW TRAIL, WEST SIDE OF EXISTING CHANNEL @ JANEWAY	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **69.33**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM3
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	2911			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	1978			
Existing: Portion along local roadways (ft)	933			
Trails				
Existing (ft)	16			
Proposed (ft)	22			
Total Inventory				
Length of Bikeways/Trails completed (ft)	949	0.32	1.00	0.32
Length of Bikeways/Trails remaining to be constructed (ft)	2000	0.68	5.00	3.39
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	1800	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	200	0.10	1.00	0.10

Background Score 8.31

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2926	0.99	3.00	2.98
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

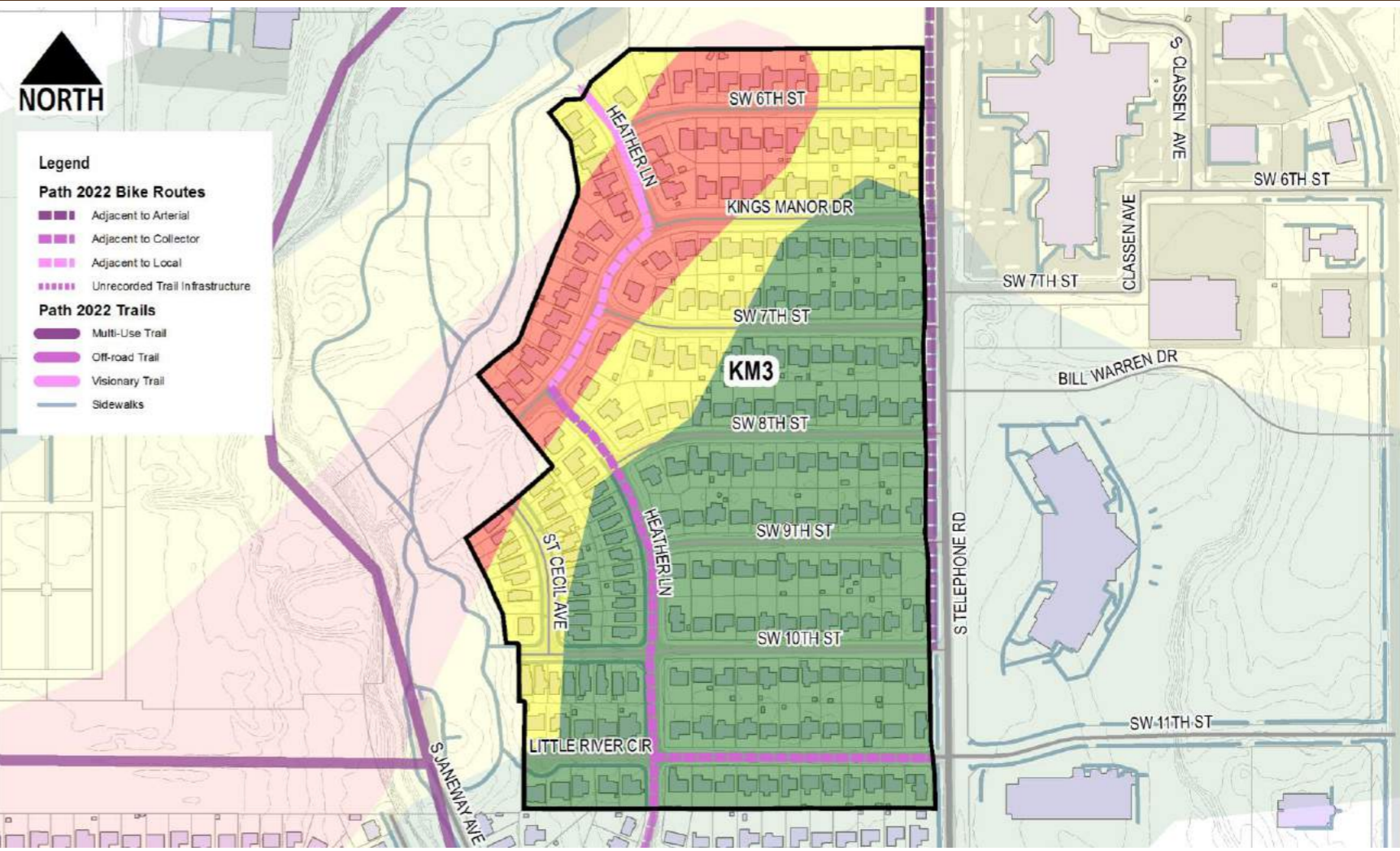
Proximity Score 2.98

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	773	0.81	10.00	8.15
Length within EF2 to EF4 Damage Area prior to disaster (ft)	160	0.17	5.00	0.84
Length within EF0 to EF2 Damage Area prior to disaster (ft)	16	0.02	2.00	0.03
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 9.02

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
KM3: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETScape ASSES	1.00	5.00	5.00	
LR1: TRAIL CONNECTION FROM TERMINATION OF KING'S MANOR DRIVE	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **75.31**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM4
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.10	1.00	0.10
Background Score				4.60

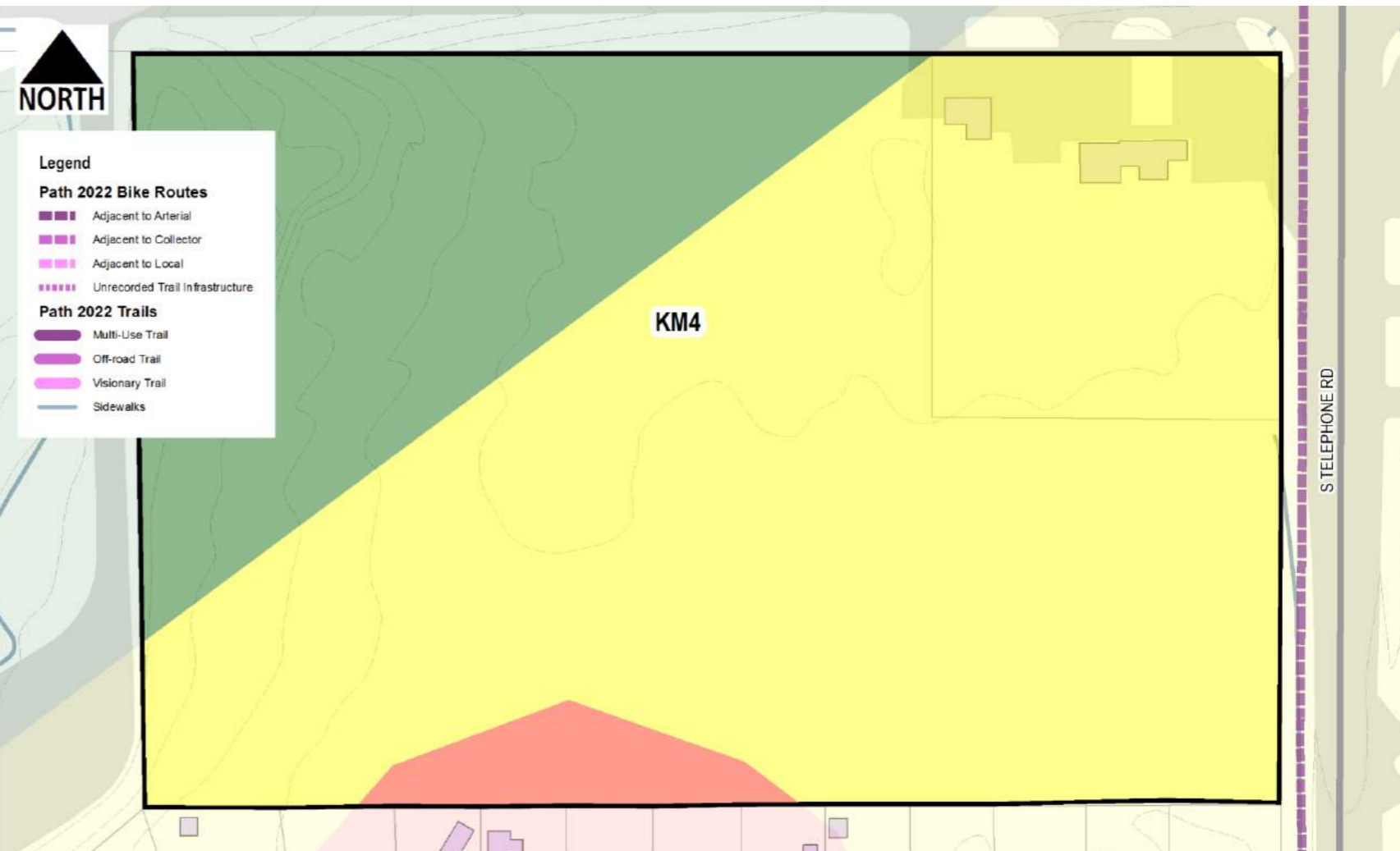
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **29.60**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
Assessment Sub-Area LR1
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	13			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	13			
Trails				
Existing (ft)	4328			
Proposed (ft)	9099			
Total Inventory				
Length of Bikeways/Trails completed (ft)	4341	0.32	1.00	0.32
Length of Bikeways/Trails remaining to be constructed (ft)	9099	0.68	5.00	3.39
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	8189	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	910	0.10	1.00	0.10

Background Score 8.31

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	799	0.06	5.00	0.30
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	8584	0.64	3.00	1.92
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

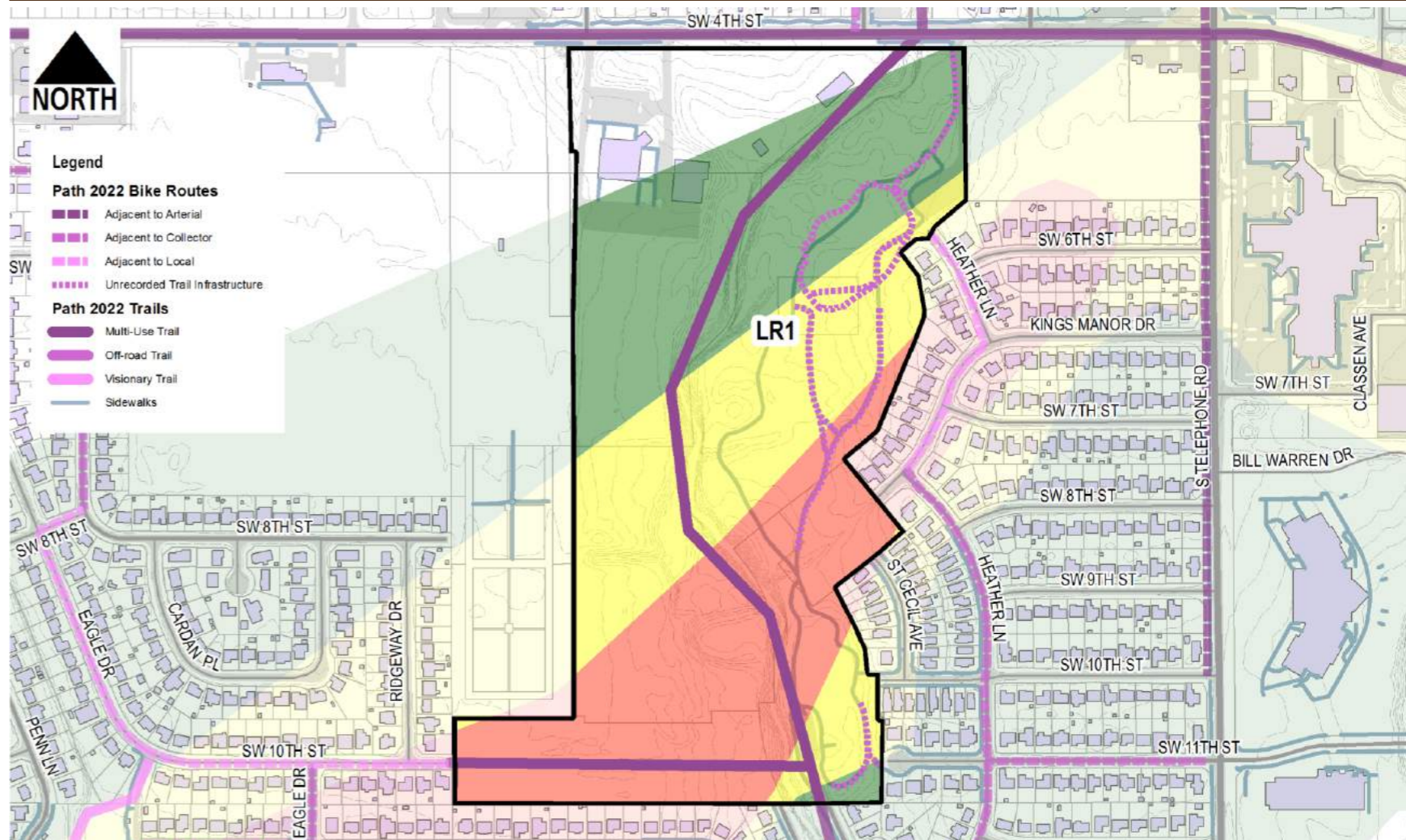
Proximity Score 2.21

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	807	0.19	10.00	1.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2069	0.48	5.00	2.38
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1465	0.34	2.00	0.67
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 4.92

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	11	0.25	2.75	BW11 - Evidence of Ponding	1	0.25	0.25
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	8	0.25	2.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 5.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
LR1: MISCELLANEOUS TRAIL REPAIR AND EXTENSION, ASSOCIATED UTILITY AND SITE WORK	1.00	5.00	5.00	
TRAIL EXTENSION, WEST SIDE OF LITTLE RIVER	1.00	5.00	5.00	
PT4: EXTENSION OF TRAIL TO LITTLE RIVER PARK AT NE CORNER OF SW 11TH	1.00	5.00	5.00	
MULTI-USE TRAIL ALONG NORTH SIDE OF JANEWAY EXTENSION	1.00	5.00	5.00	
LR1: TRAIL CONNECTION FROM TERMINATION OF KING'S MANOR DRIVE	1.00	5.00	5.00	
KM2: NEW TRAIL, WEST SIDE OF EXISTING CHANNEL @ JANEWAY	1.00	5.00	5.00	
			Opportunity Score	30.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **90.44**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.10	1.00	0.10
Background Score				4.60

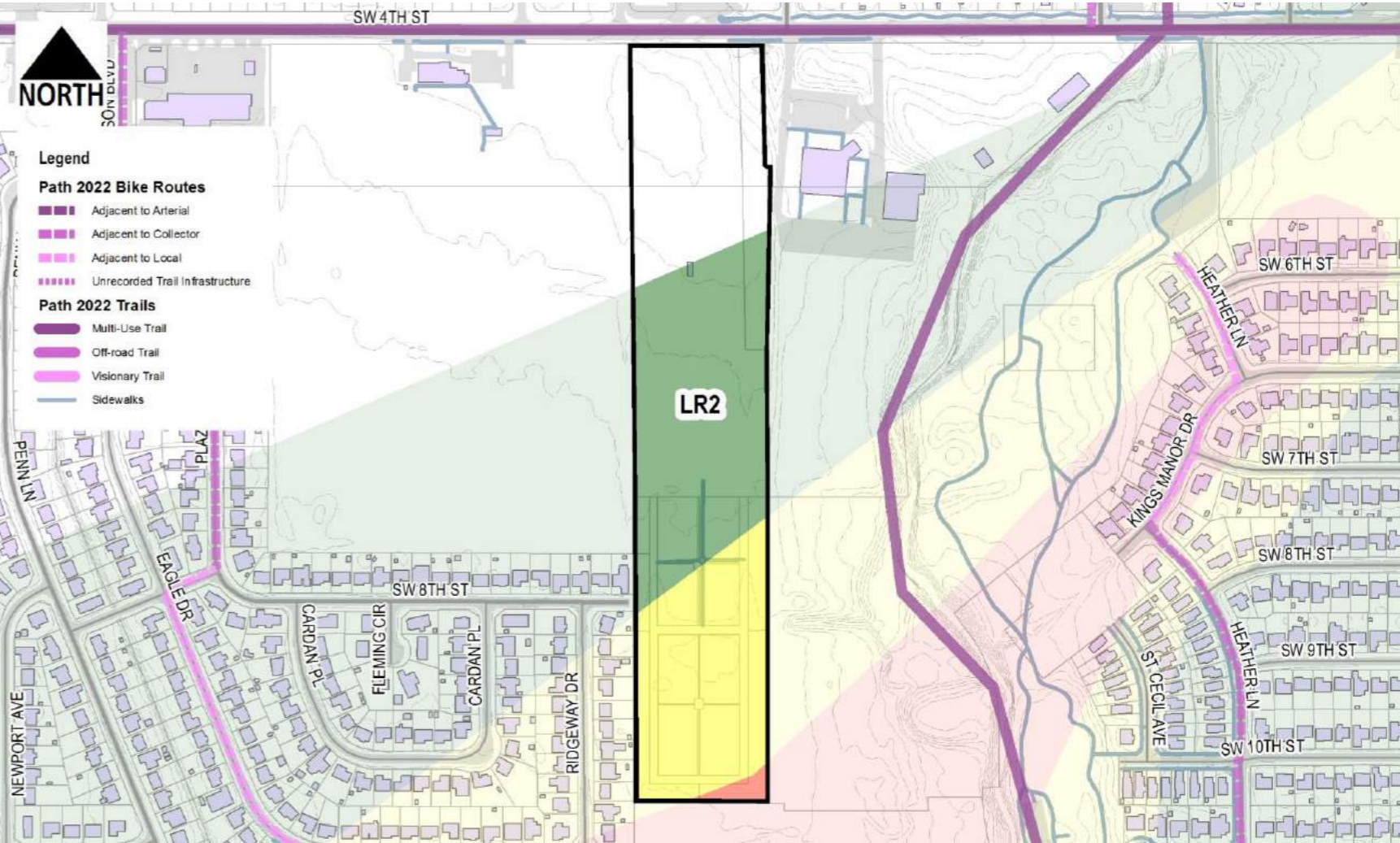
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **9.60**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.10	1.00	0.10
Background Score				4.60

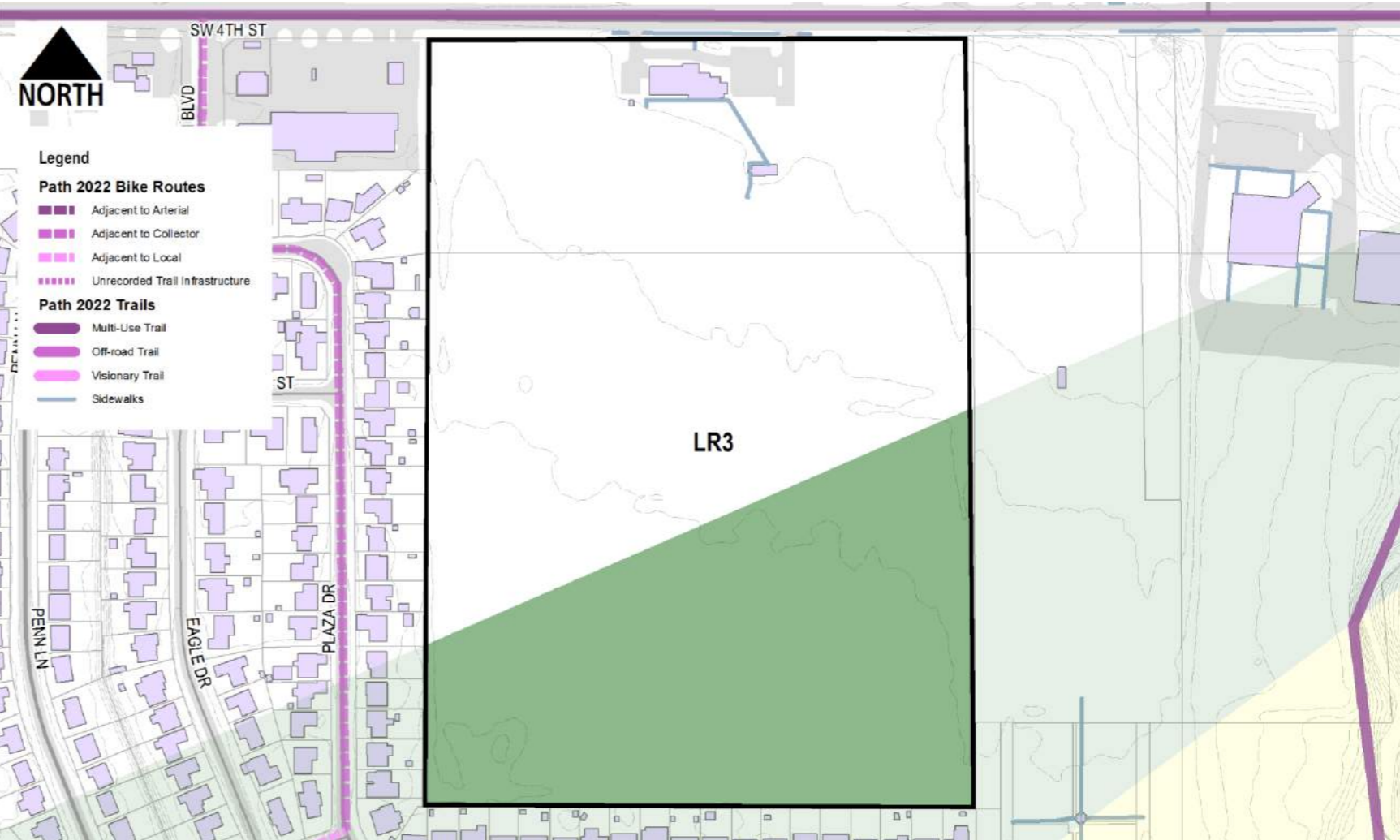
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **9.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH1
 Infrastructure Category: Bikeways/Trails
 Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	1259			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	1259	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	944	0.75	5.00	3.75
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	315	0.25	1.00	0.25
Background Score				9.00

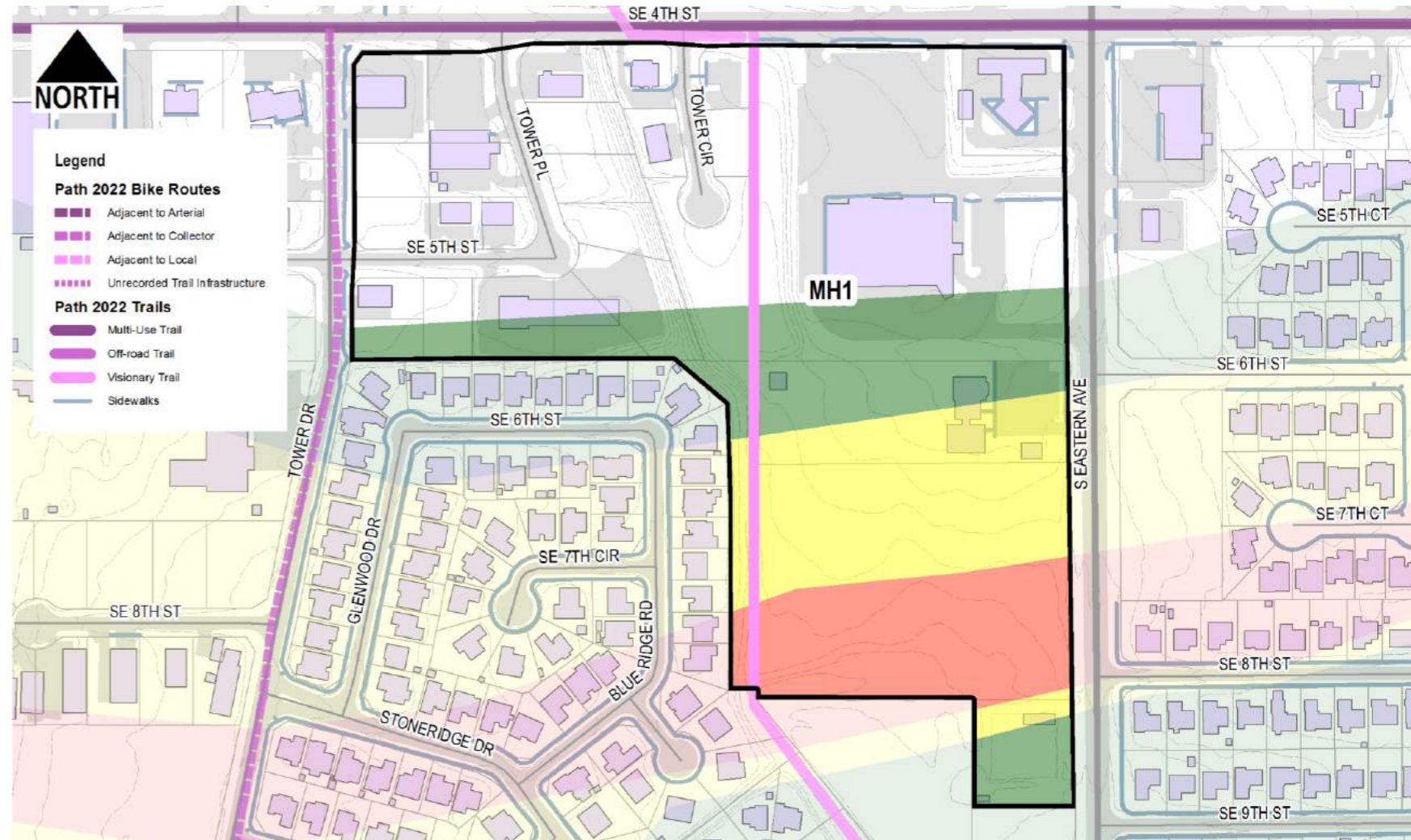
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	717	0.57	3.00	1.71
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				1.71

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
 Assessment Sub-Area MH1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **40.71**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
Assessment Sub-Area: MH2
Infrastructure Category: Bikeways/Trails
Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	2240			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	564			
Existing: Portion along local roadways (ft)	1676			
Trails				
Existing (ft)	0			
Proposed (ft)	1478			
Total Inventory				
Length of Bikeways/Trails completed (ft)	1676	0.45	1.00	0.45
Length of Bikeways/Trails remaining to be constructed (ft)	2042	0.55	5.00	2.75
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	1021	0.50	5.00	2.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	1021	0.50	1.00	0.50

Background Score 6.20

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	3717	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	671	0.18	1.00	0.18
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

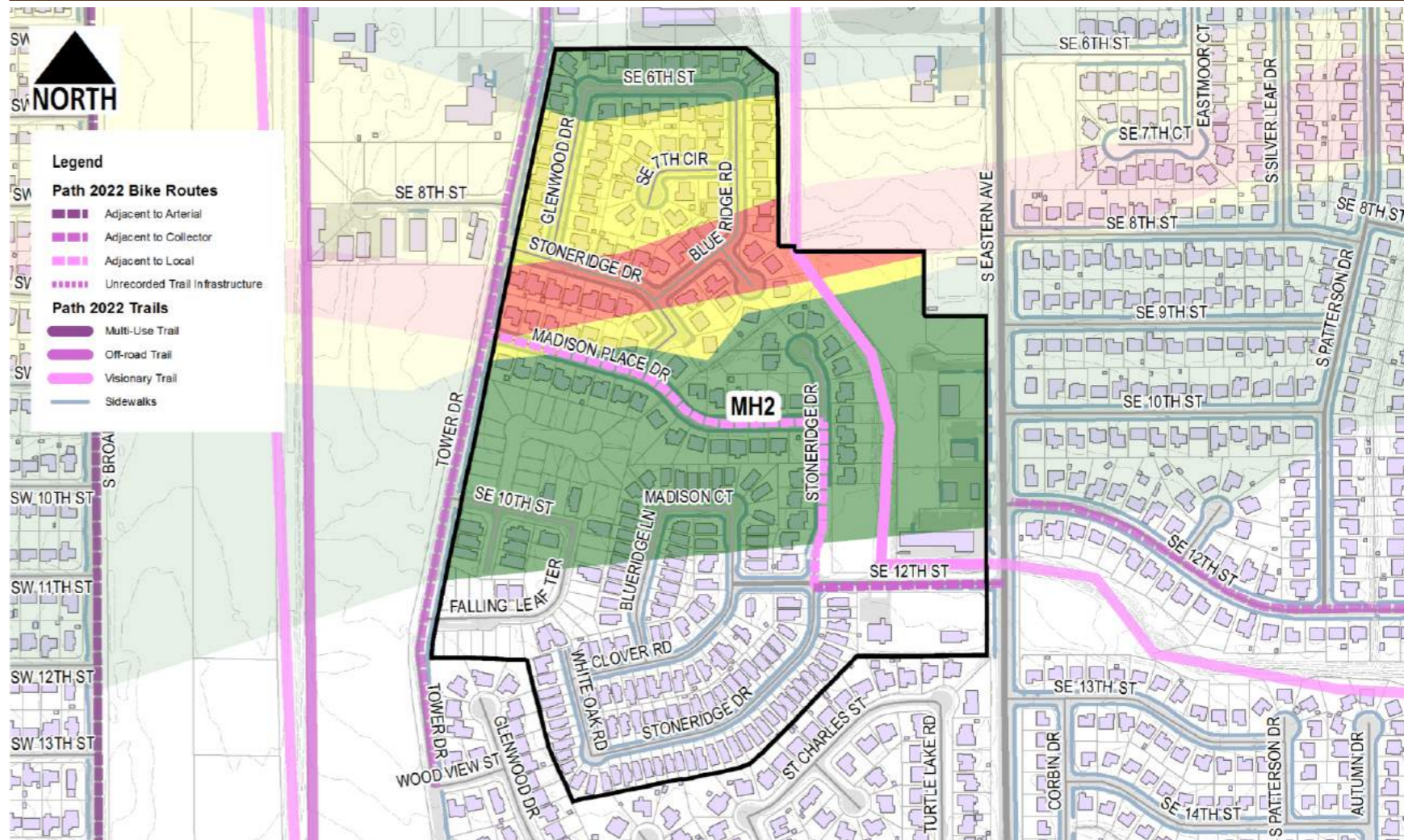
Proximity Score 3.18

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	41	0.02	10.00	0.24
Length within EF2 to EF4 Damage Area prior to disaster (ft)	190	0.11	5.00	0.57
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1302	0.78	2.00	1.55
Length Outside Damage Area prior to Disaster (ft)	143	0.09	1.00	0.09

Damage Score 2.45

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH2
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
MH2: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETSCAPE ASSES	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.83**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	155			
Proposed: Portion along arterial roadways (ft)	65			
Proposed: Portion along collector roadways (ft)	90			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	5351			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	5506	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	4955	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	5506	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	4952	0.90	3.00	2.70
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

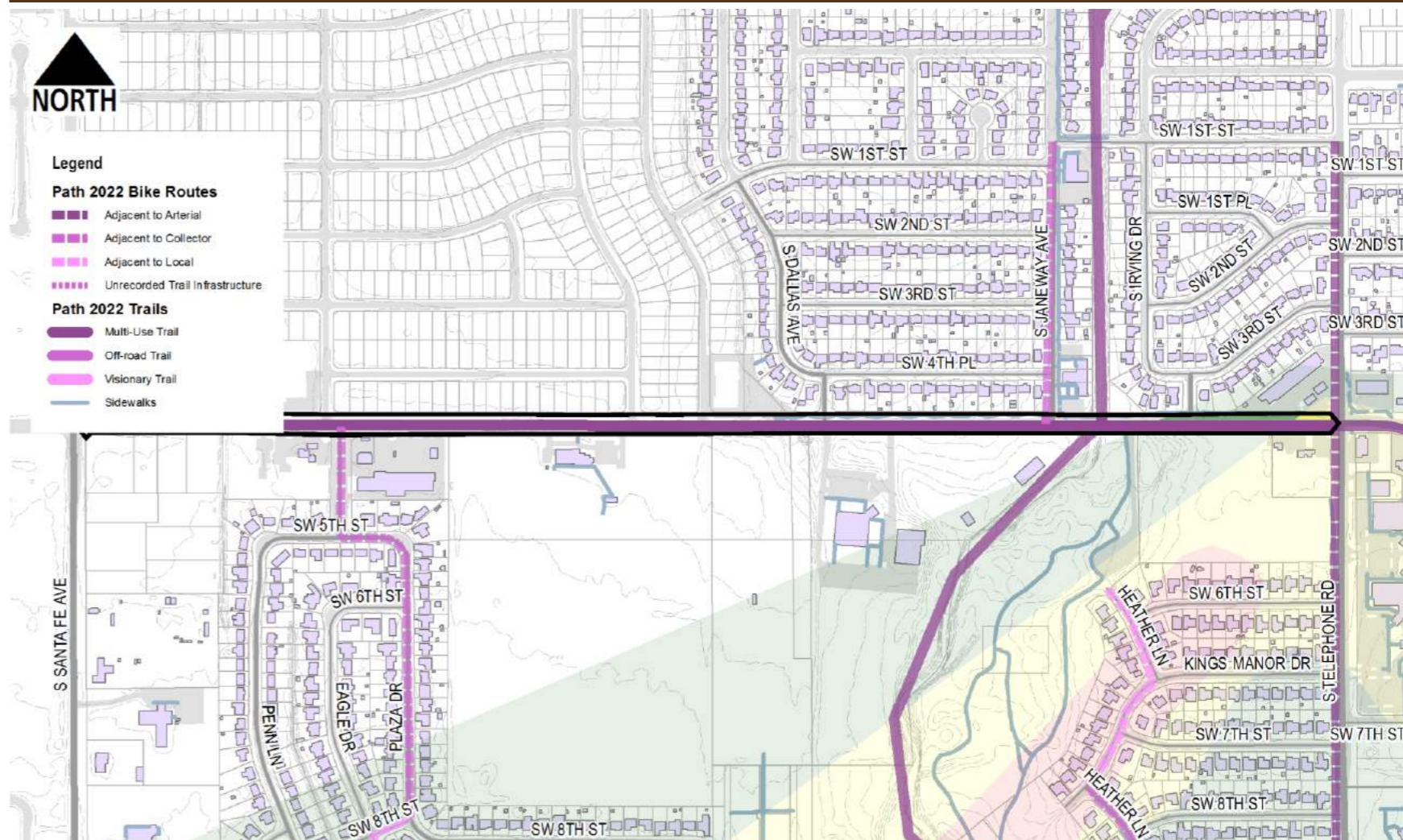
Proximity Score 2.70

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **48.20**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	103			
Proposed: Portion along arterial roadways (ft)	61			
Proposed: Portion along collector roadways (ft)	42			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	3456			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	3559	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	3203	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	3559	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	2203	0.62	1.00	0.62
Length within 0.25-mi of Library (ft)	903	0.25	1.00	0.25

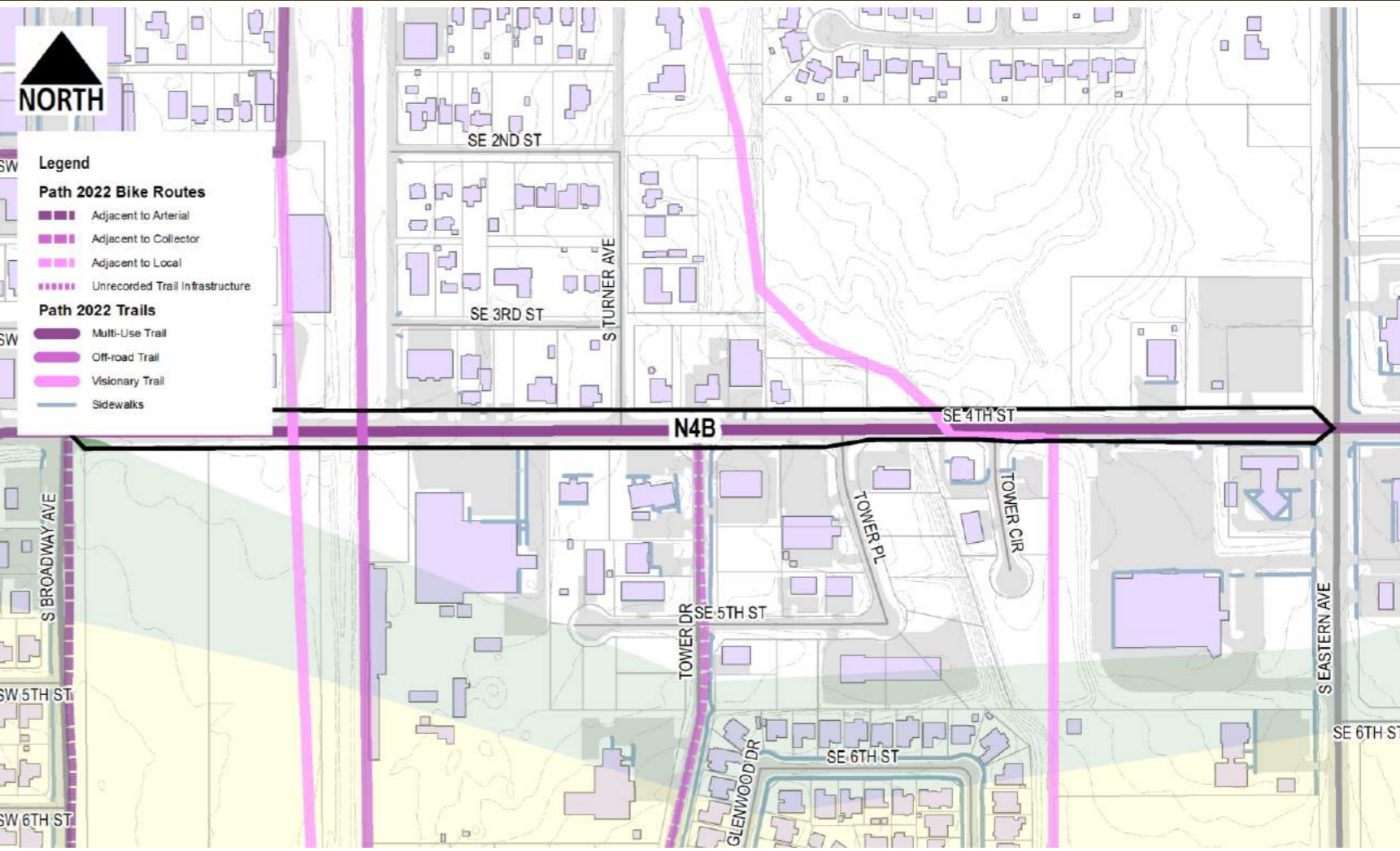
Proximity Score 0.87

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4B: 10-FT MULTI-USE TRAIL, SOUTH SIDE OF SE 4TH STREET	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.37**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street

Assessment Sub-Area N4C

Infrastructure Category Bikeways/Trails

Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	105			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	105			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	5345			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	5450	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	4905	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	5450	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	3370	0.62	4.00	2.47
Length within 0.25-mi of Park (ft)	1974	0.36	3.00	1.09
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

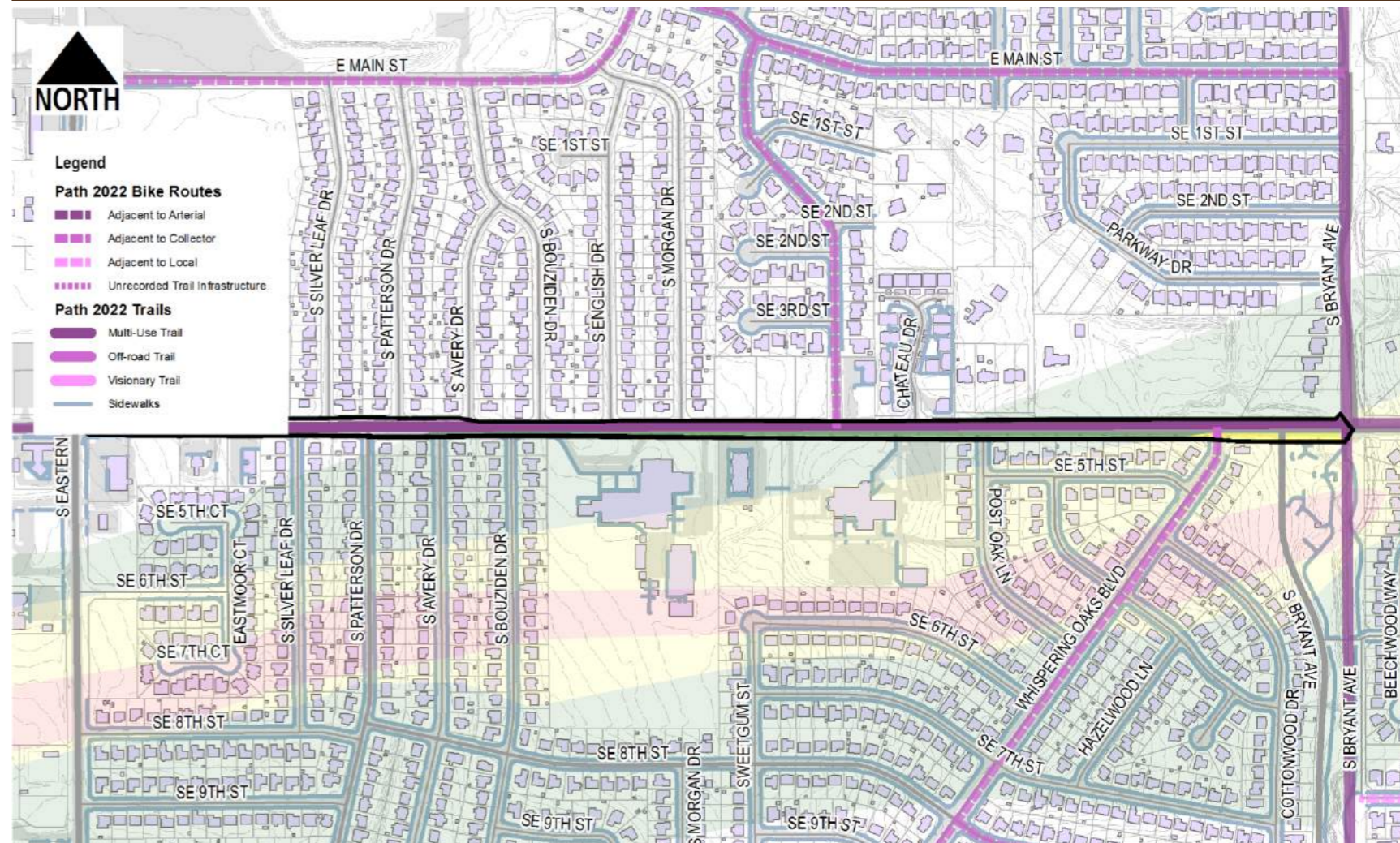
Proximity Score 3.56

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	1	0.25	0.25
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.25



LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	77			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	77			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	5331			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	5408	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	4867	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	5408	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	1264	0.23	3.00	0.70
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

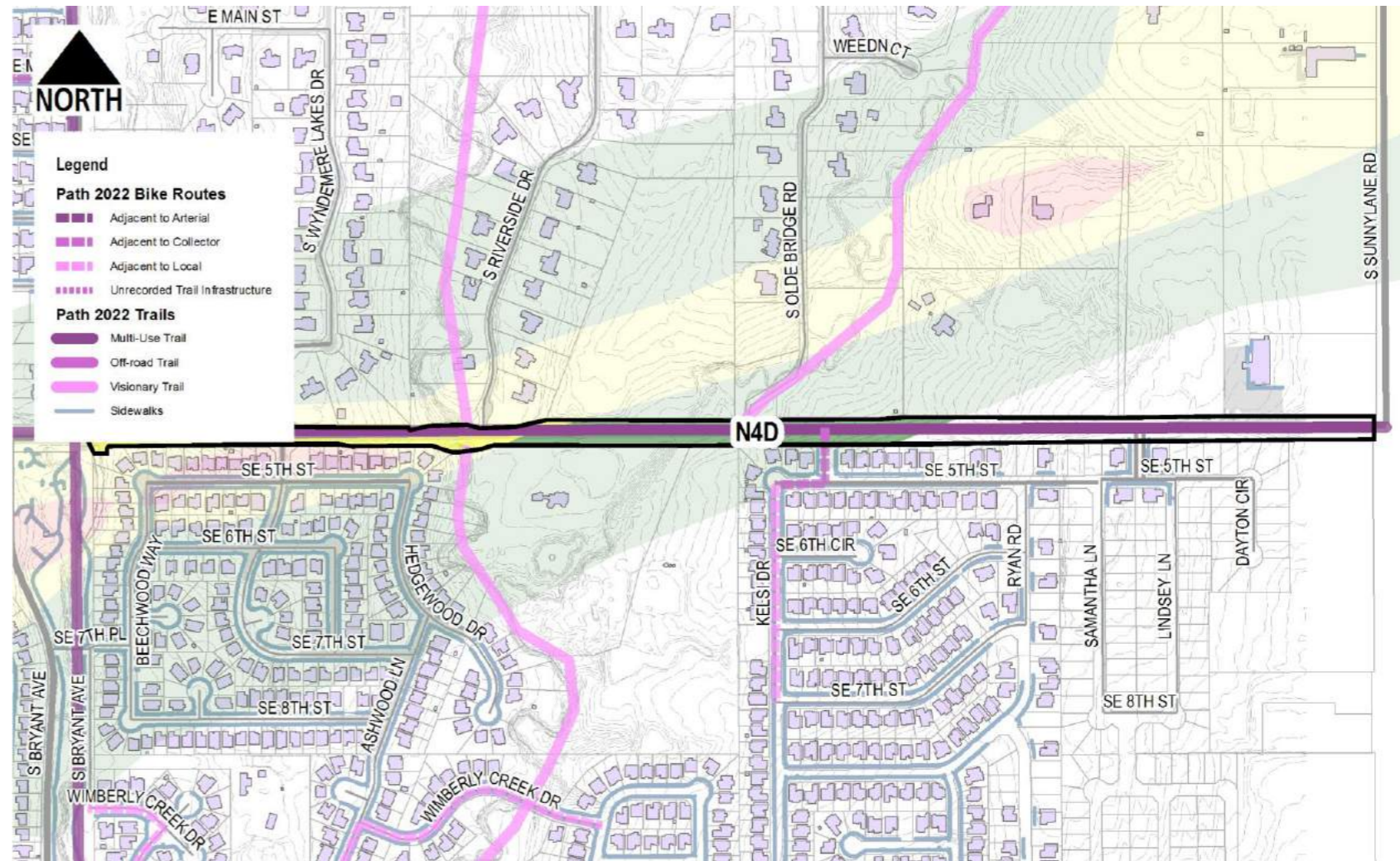
Proximity Score 0.70

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
Assessment Sub-Area N4D
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4D: 10-FT MULTI-USE TRAIL, SOUTH SIDE OF SE 4TH STREET	1.00	5.00	5.00	
BA2: 10-FT MULTI-USE TRAIL, VETERAN'S PARK TO MAIN STREET	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.20**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

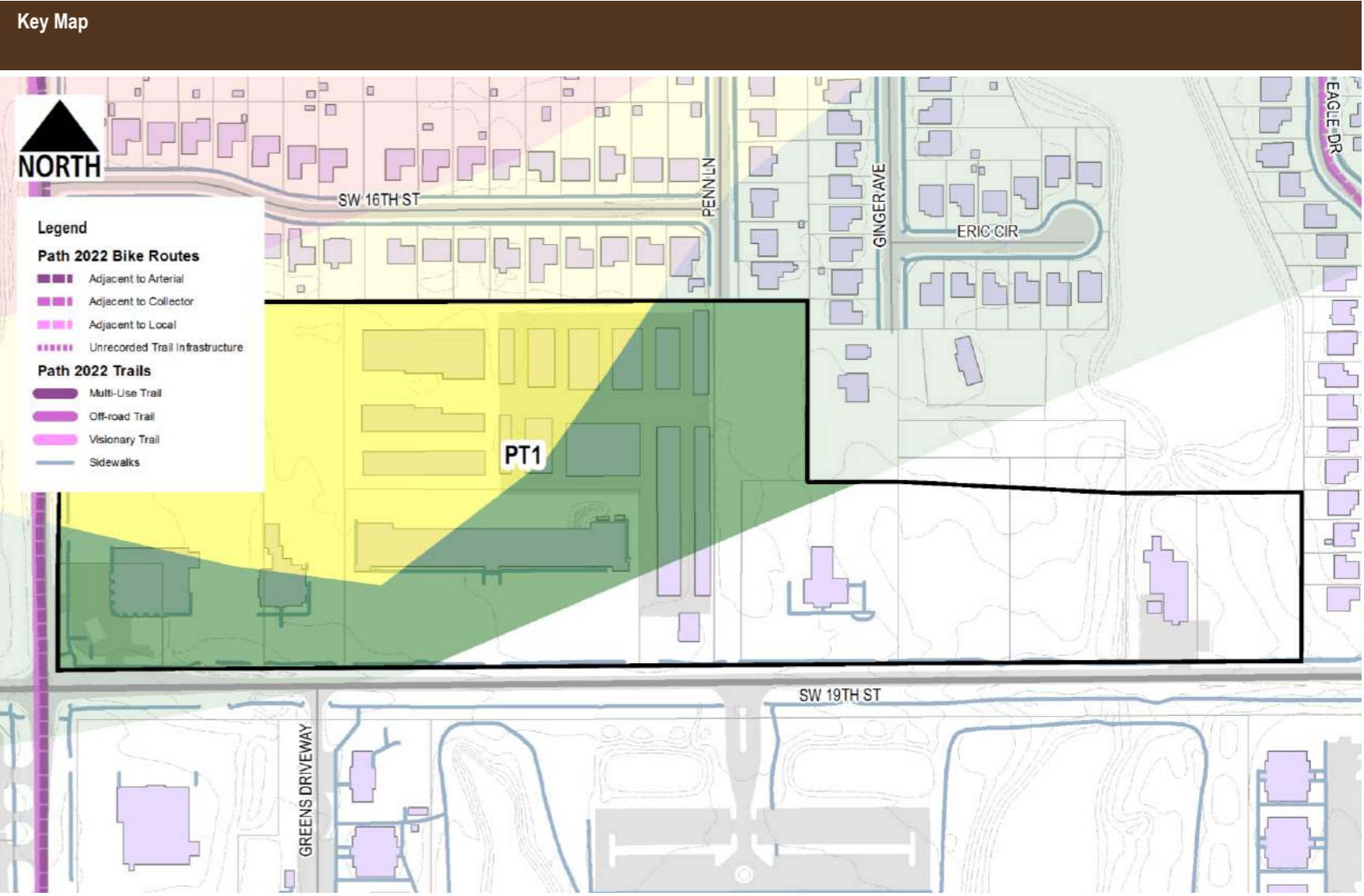
Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data	
Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				5.50

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00



Condition Analysis							
Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **5.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	1272			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	1272			
Trails				
Existing (ft)	0			
Proposed (ft)	131			
Total Inventory				
Length of Bikeways/Trails completed (ft)	1272	0.91	1.00	0.91
Length of Bikeways/Trails remaining to be constructed (ft)	131	0.09	5.00	0.47
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	118	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	131	1.00	1.00	1.00

Background Score 6.87

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1272	0.91	5.00	4.53
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

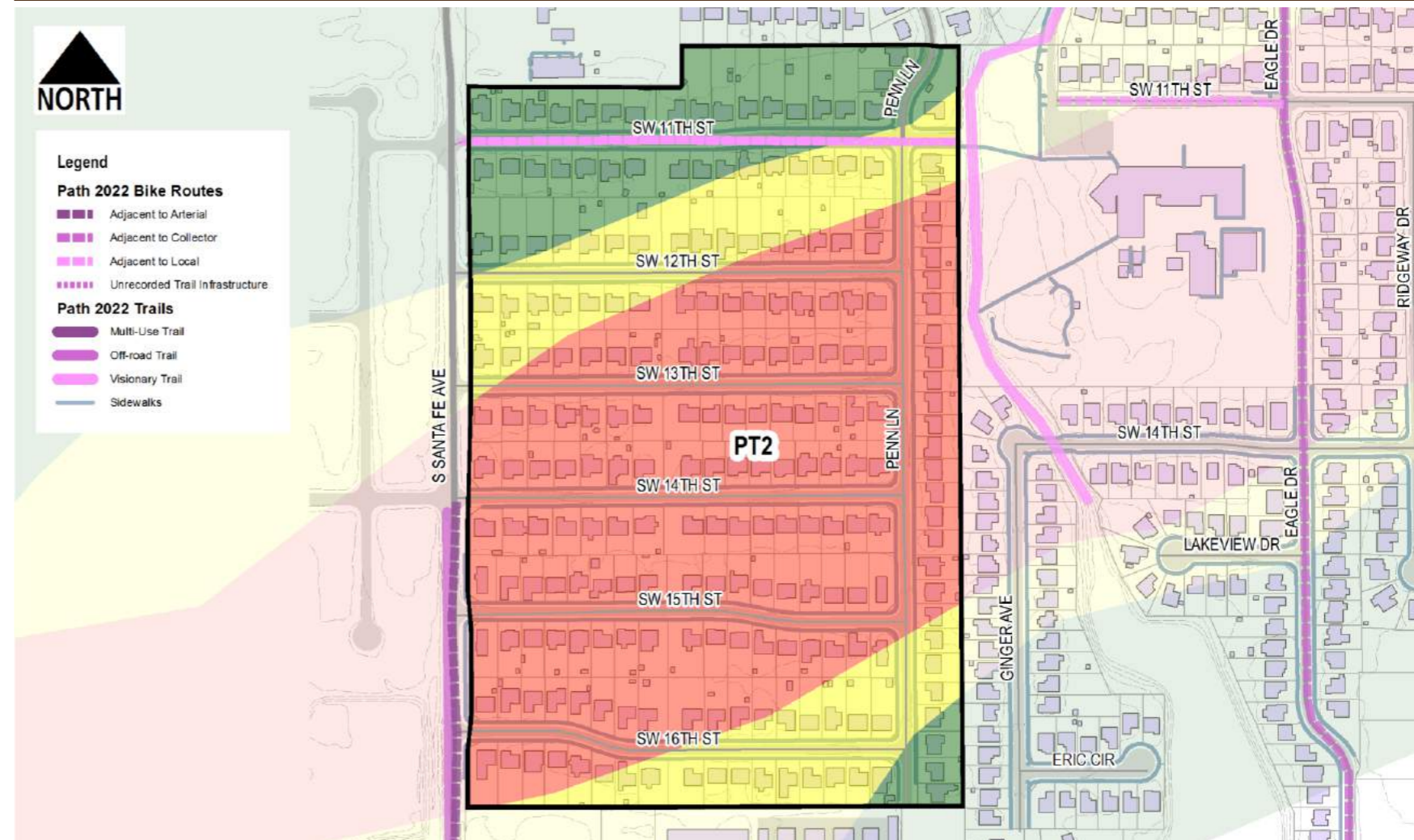
Proximity Score 4.53

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	296	0.23	5.00	1.16
Length within EF0 to EF2 Damage Area prior to disaster (ft)	977	0.77	2.00	1.54
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 2.70

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT2: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETScape ASSESS	1.00	5.00	5.00	
PT2: RECONSTRUCTION OF TRAIL CONNECTION TO PLAZA TOWERS BETWEEN SW 12TH AN	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **59.11**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	3221			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	2639			
Existing: Portion along local roadways (ft)	582			
Trails				
Existing (ft)	0			
Proposed (ft)	5473			
Total Inventory				
Length of Bikeways/Trails completed (ft)	582	0.07	1.00	0.07
Length of Bikeways/Trails remaining to be constructed (ft)	8112	0.93	5.00	4.67
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	7301	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	8112	1.00	1.00	1.00

Background Score 10.23

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	4163	0.48	5.00	2.39
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2234	0.26	3.00	0.77
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

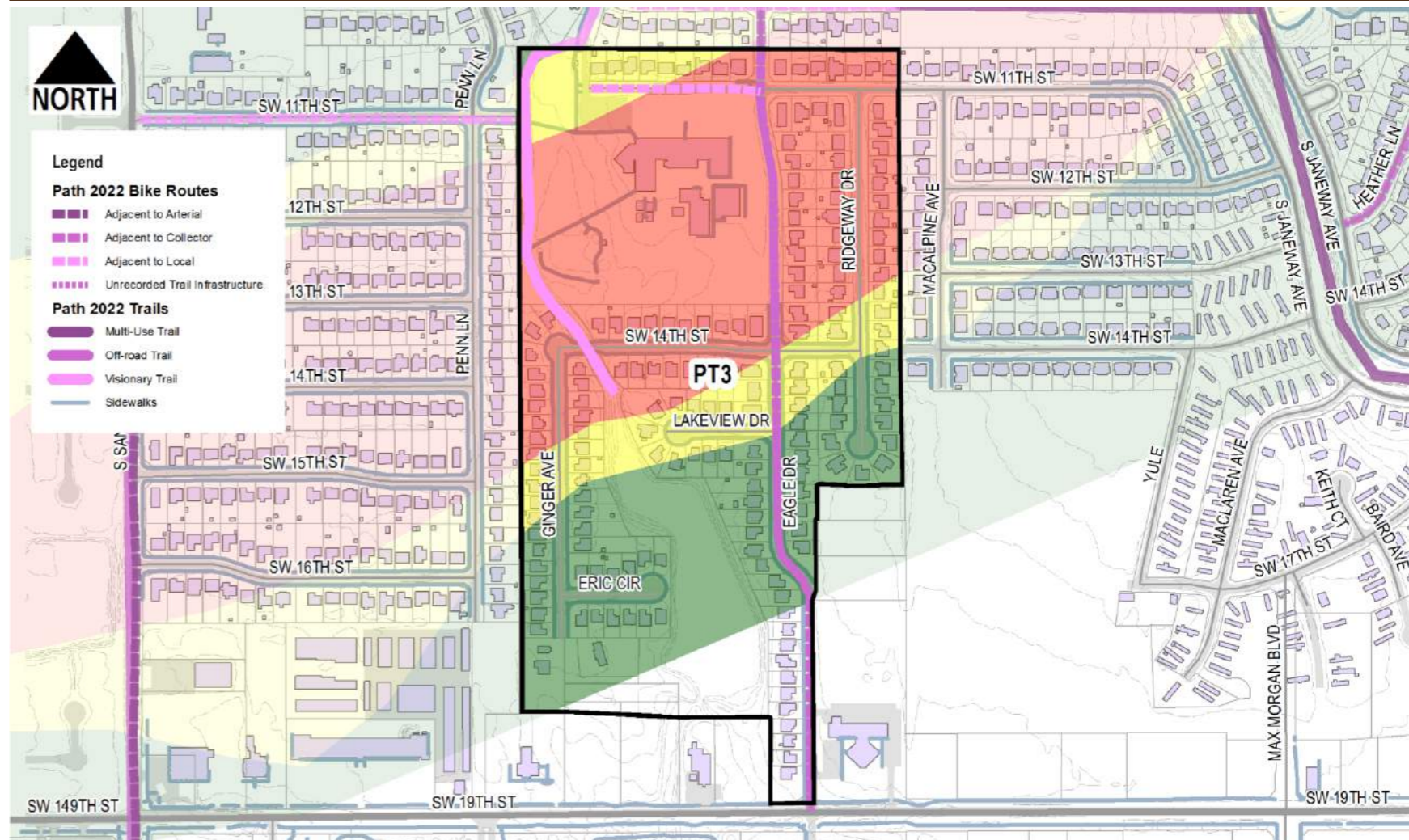
Proximity Score 3.17

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	355	0.61	10.00	6.10
Length within EF2 to EF4 Damage Area prior to disaster (ft)	226	0.39	5.00	1.94
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 8.04

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT3: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETScape ASSESS	1.00	5.00	5.00	
TRAIL ALONG CHANNEL AND AROUND POND EAST AND SOUTH OF PLAZA TOWERS ELEMEN	1.00	5.00	5.00	
PT2: RECONSTRUCTION OF TRAIL CONNECTION TO PLAZA TOWERS BETWEEN SW 12TH AN	1.00	5.00	5.00	
Opportunity Score				15.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **71.44**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	164			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	164	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	148	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	164	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

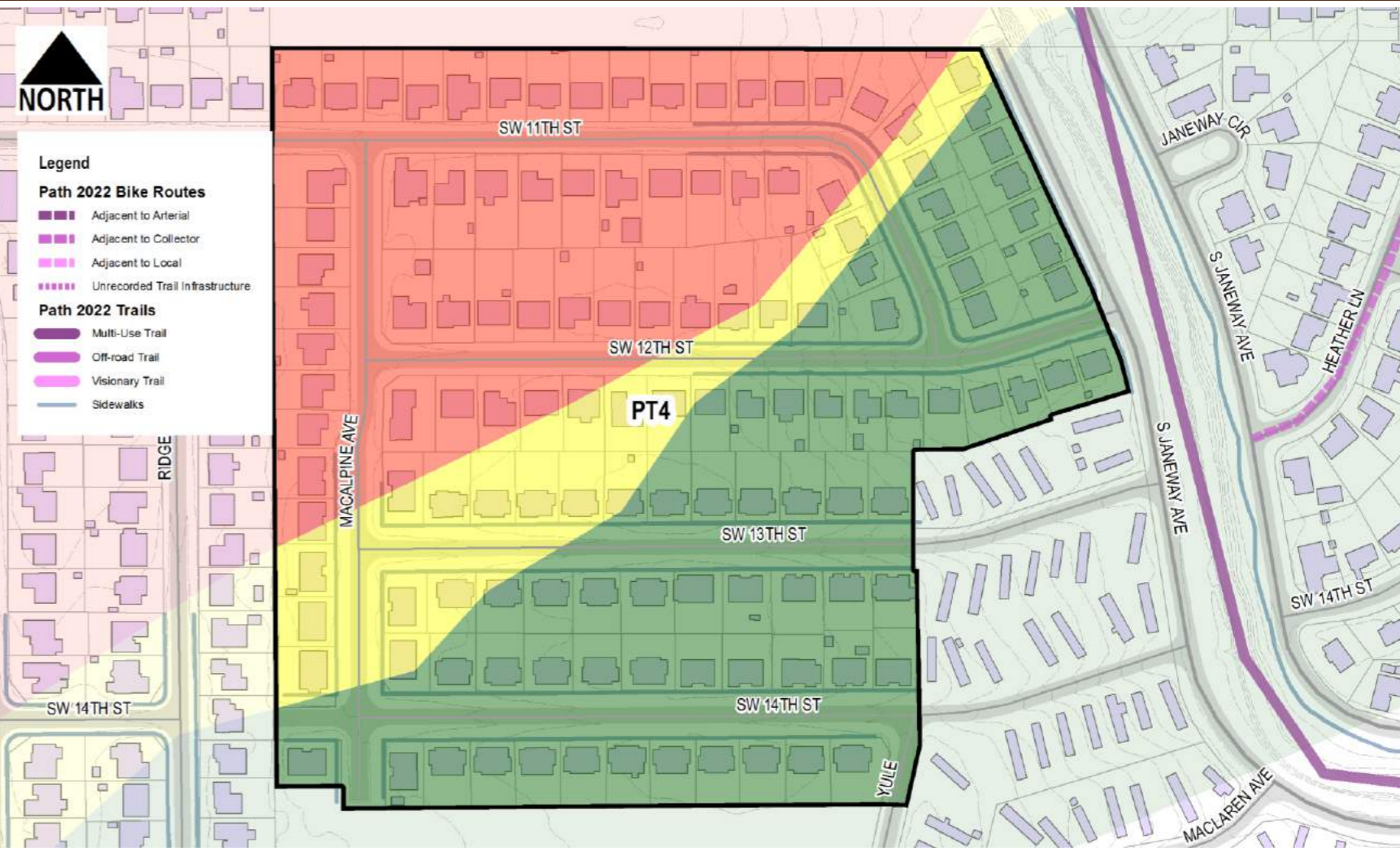
Proximity Score 0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
Assessment Sub-Area PT4
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT4: EXTENSION OF TRAIL TO LITTLE RIVER PARK AT NE CORNER OF SW 11TH	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **50.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	4028			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	1954			
Existing: Portion along local roadways (ft)	2074			
Trails				
Existing (ft)	0			
Proposed (ft)	420			
Total Inventory				
Length of Bikeways/Trails completed (ft)	2074	0.47	1.00	0.47
Length of Bikeways/Trails remaining to be constructed (ft)	2374	0.53	5.00	2.67
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	2137	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	2374	1.00	1.00	1.00

Background Score 8.63

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	2725	0.61	5.00	3.06
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2699	0.61	3.00	1.82
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

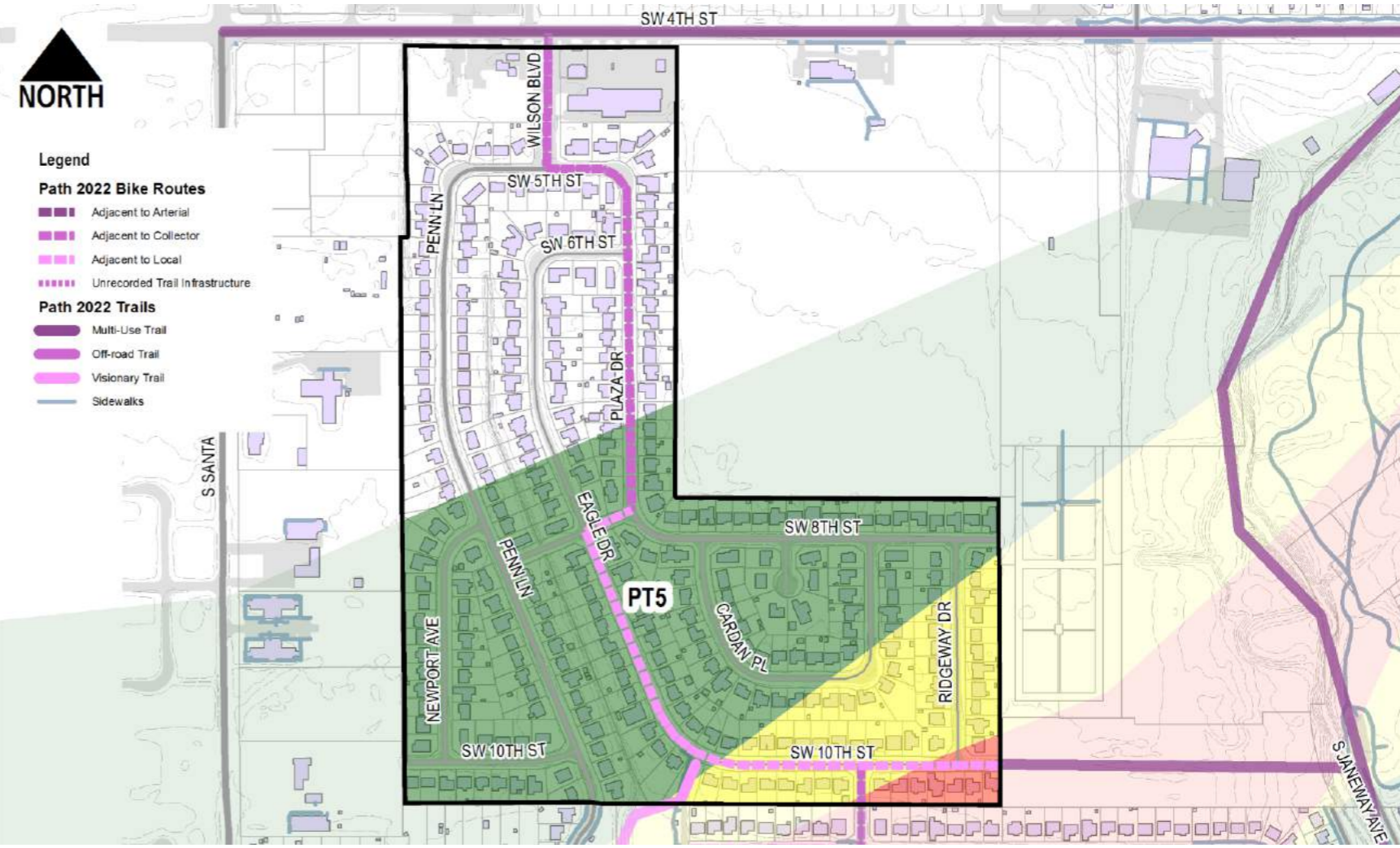
Proximity Score 4.88

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	270	0.13	10.00	1.30
Length within EF2 to EF4 Damage Area prior to disaster (ft)	691	0.33	5.00	1.67
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1113	0.54	2.00	1.07
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 4.04

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT5: DEDICATED BIKE LANE, ALL TYPE A CORRIDORS IDENTIFIED IN STREETScape ASSESS	1.00	5.00	5.00	
TRAIL ALONG CHANNEL AND AROUND POND EAST AND SOUTH OF PLAZA TOWERS ELEMEN	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **62.56**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				5.50

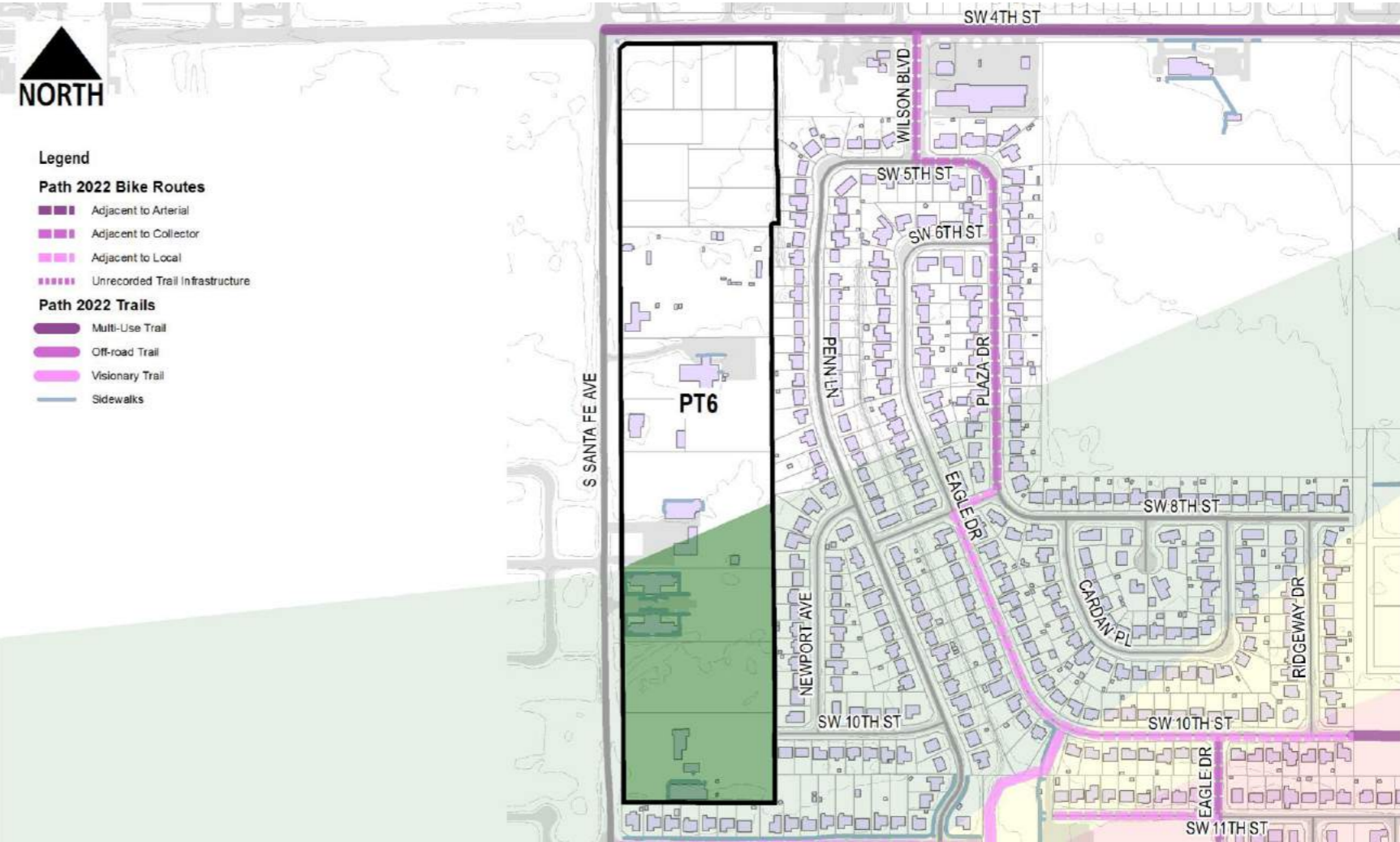
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **10.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Rock Creek
 Assessment Sub-Area: RC2
 Infrastructure Category: Bikeways/Trails
 Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	939			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	939	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	704	0.75	5.00	3.75
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	235	0.25	1.00	0.25
Background Score				9.00

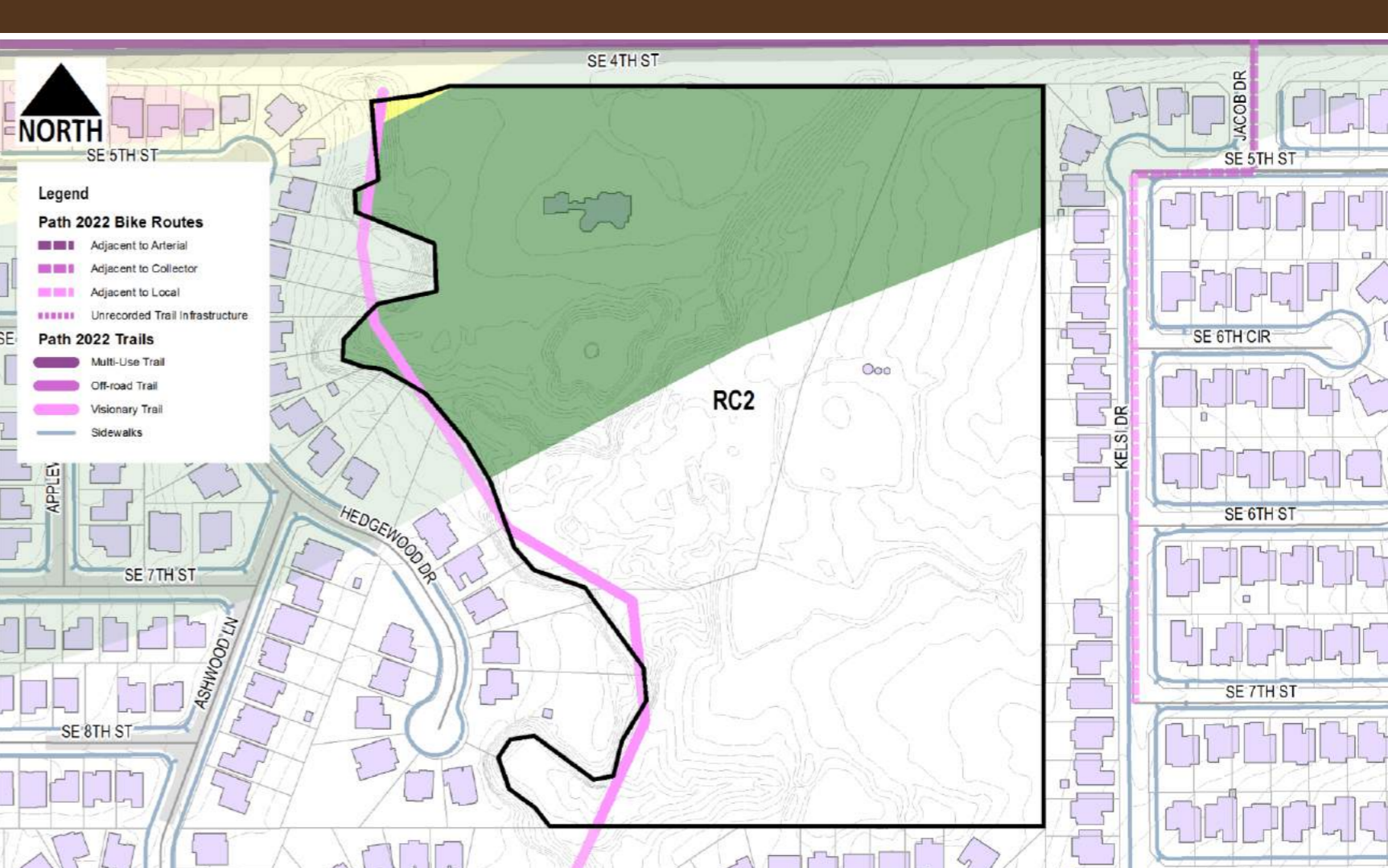
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	829	0.88	3.00	2.65
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.65

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Rock Creek
 Assessment Sub-Area RC2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **41.65**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	2678			
Proposed: Portion along arterial roadways (ft)	2629			
Proposed: Portion along collector roadways (ft)	49			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	2619			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	5297	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	4767	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	5297	1.00	1.00	1.00

Background Score 10.50

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	2683	0.51	4.00	2.03
Length within 0.25-mi of Park (ft)	5123	0.97	3.00	2.90
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

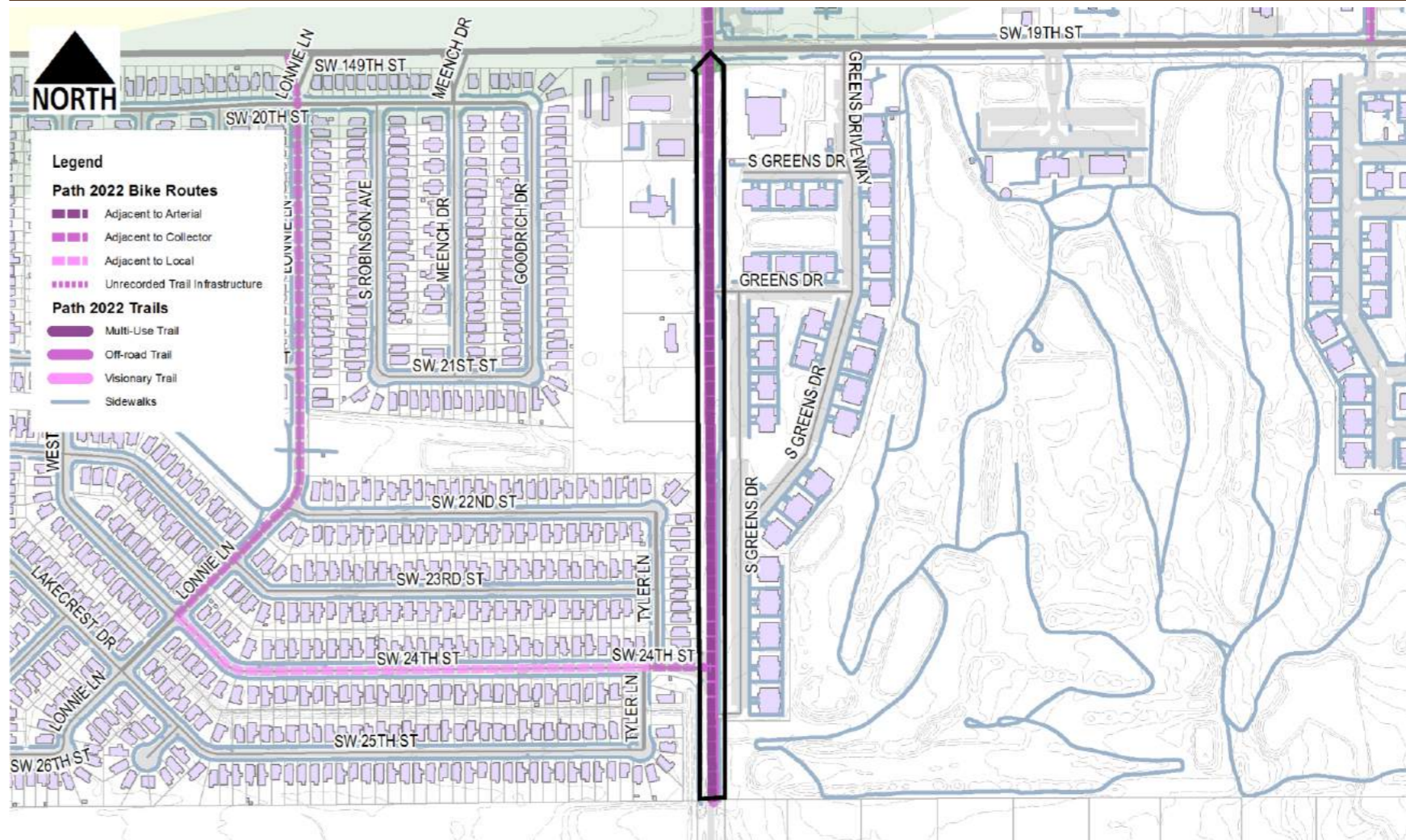
Proximity Score 4.93

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
Assessment Sub-Area SF1
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **45.43**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Santa Fe Avenue
 Assessment Sub-Area: SF2
 Infrastructure Category: Bikeways/Trails
 Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	1491			
Proposed: Portion along arterial roadways (ft)	1467			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	25			
Trails				
Existing (ft)	0			
Proposed (ft)	639			
Total Inventory				
Length of Bikeways/Trails completed (ft)	25	0.01	1.00	0.01
Length of Bikeways/Trails remaining to be constructed (ft)	2106	0.99	5.00	4.94
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	1895	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	2106	1.00	1.00	1.00

Background Score 10.45

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	25	0.01	5.00	0.06
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

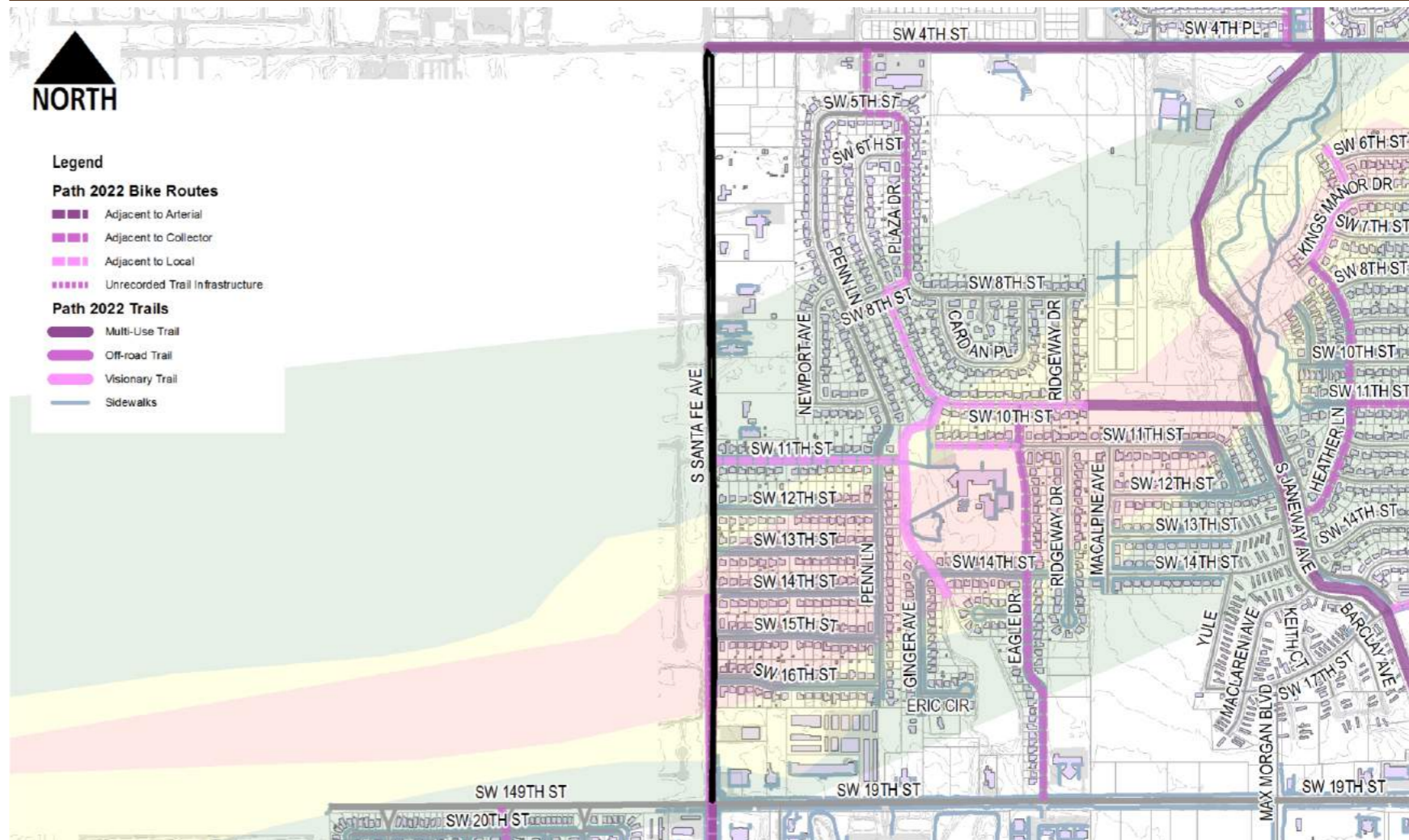
Proximity Score 0.06

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	25	1.00	2.00	2.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 2.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **42.51**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				5.50

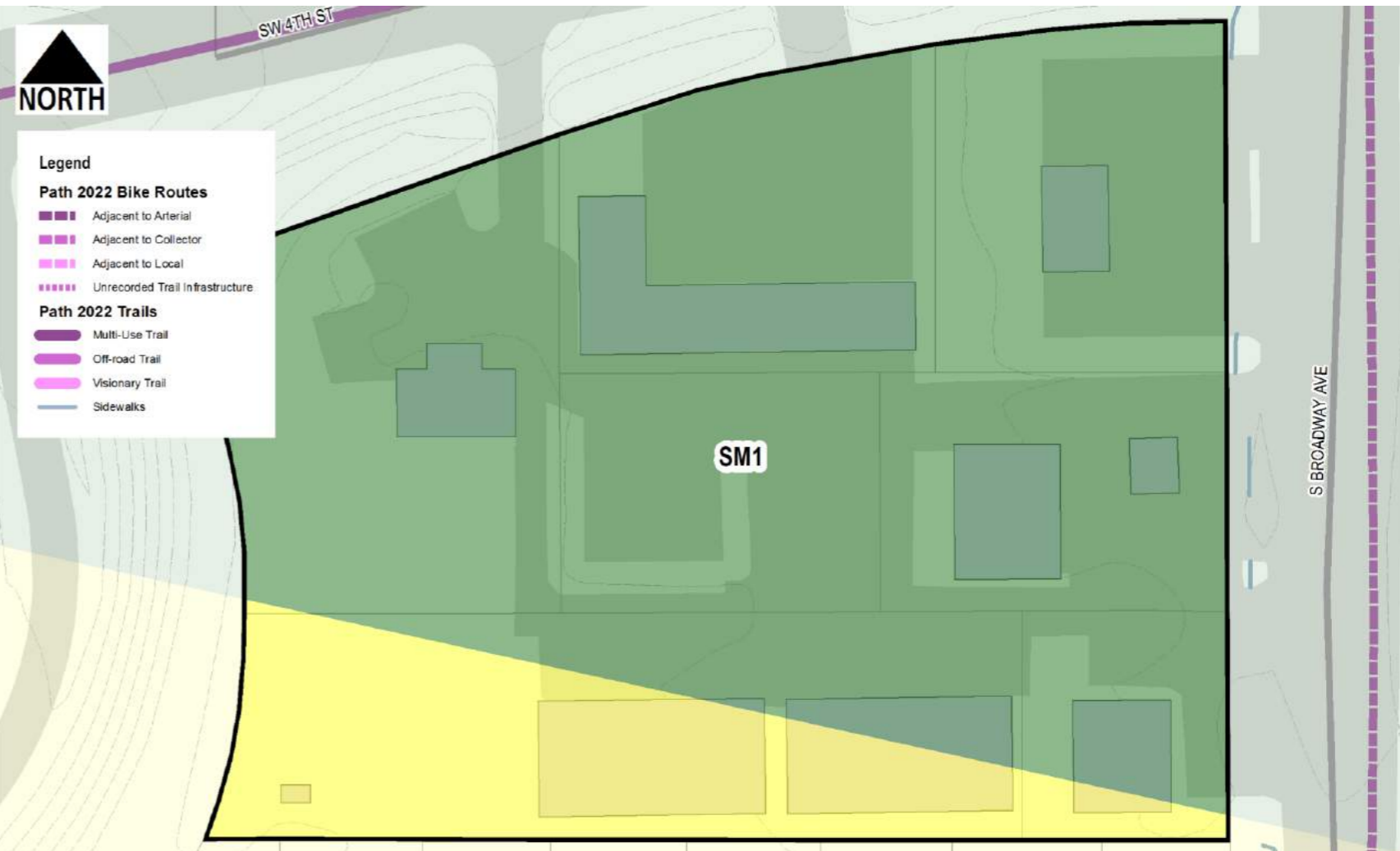
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Southmoor
Assessment Sub-Area SM2
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				5.50

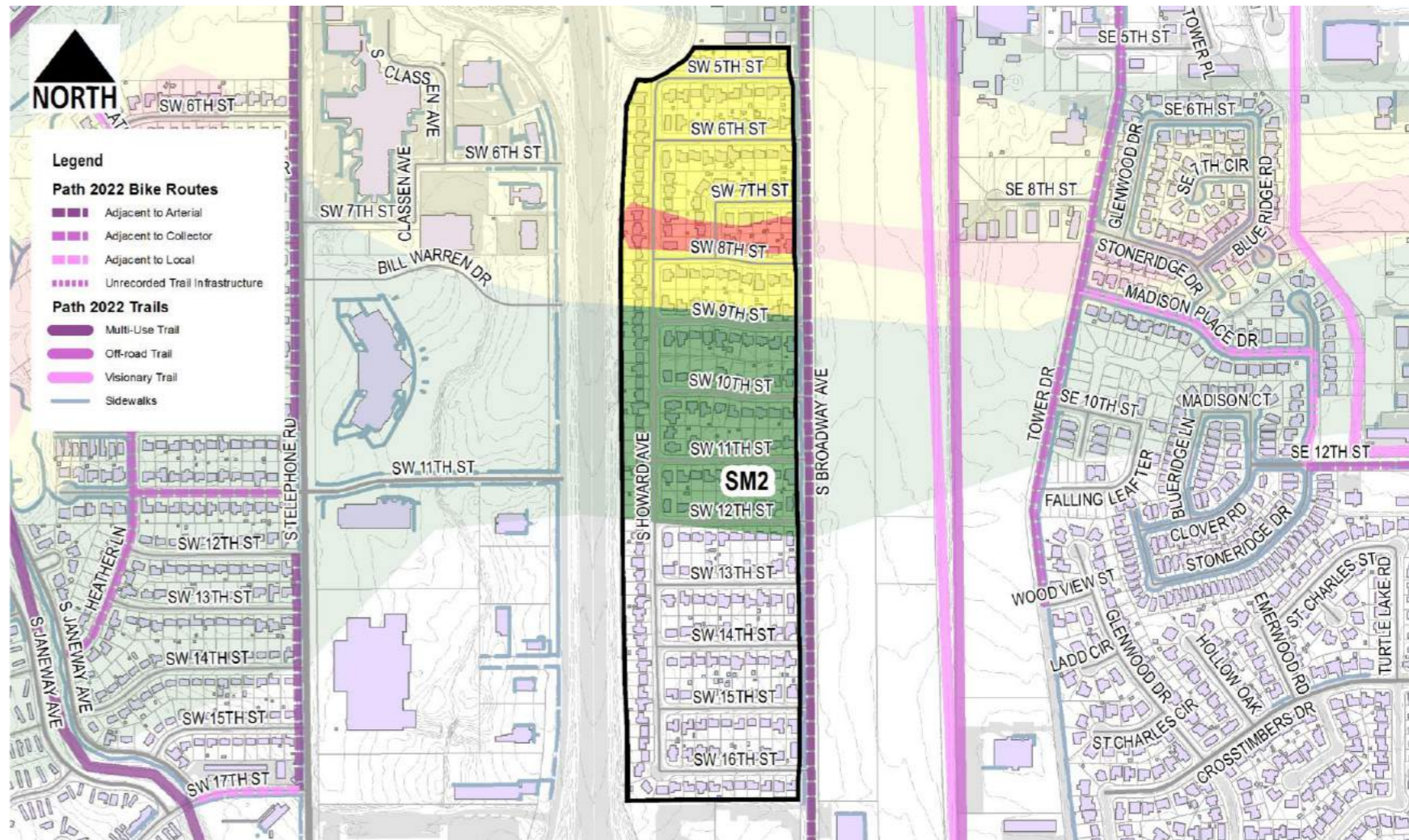
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD2
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	6326			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	6326	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	5061	0.80	5.00	4.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	6326	1.00	1.00	1.00

Background Score 10.00

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	6326	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 1.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD2
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **41.00**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	1312			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	1312	1.00	5.00	5.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	1050	0.80	5.00	4.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	1312	1.00	1.00	1.00
Background Score				10.00

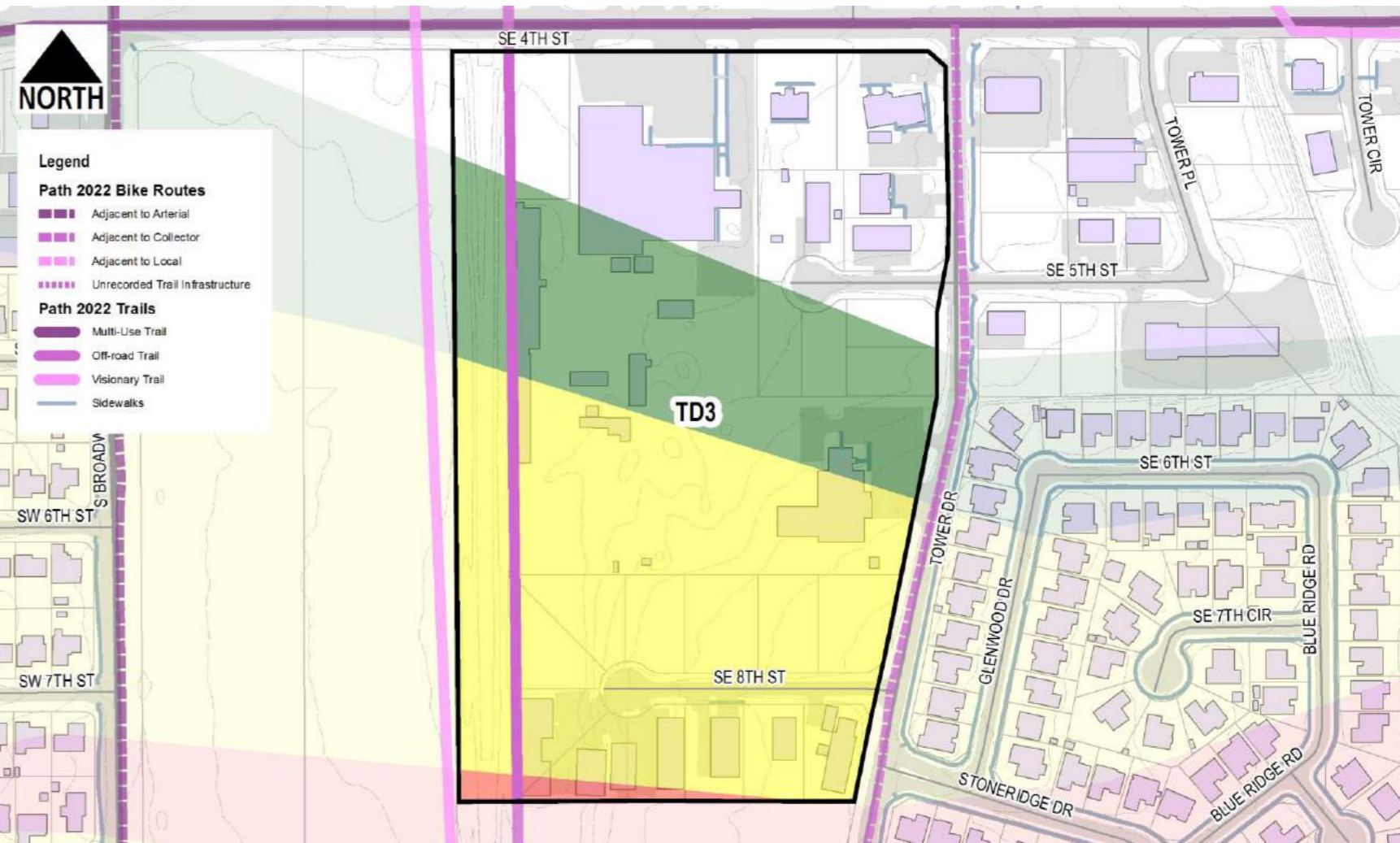
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	1312	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				1.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD3
Infrastructure Category Bikeways/Trails
Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) 41.00



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	3210			
Proposed: Portion along arterial roadways (ft)	3204			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	6			
Trails				
Existing (ft)	0			
Proposed (ft)	138			
Total Inventory				
Length of Bikeways/Trails completed (ft)	6	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	3342	1.00	5.00	4.99
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	3008	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	3342	1.00	1.00	1.00

Background Score 10.49

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2686	0.80	3.00	2.41
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

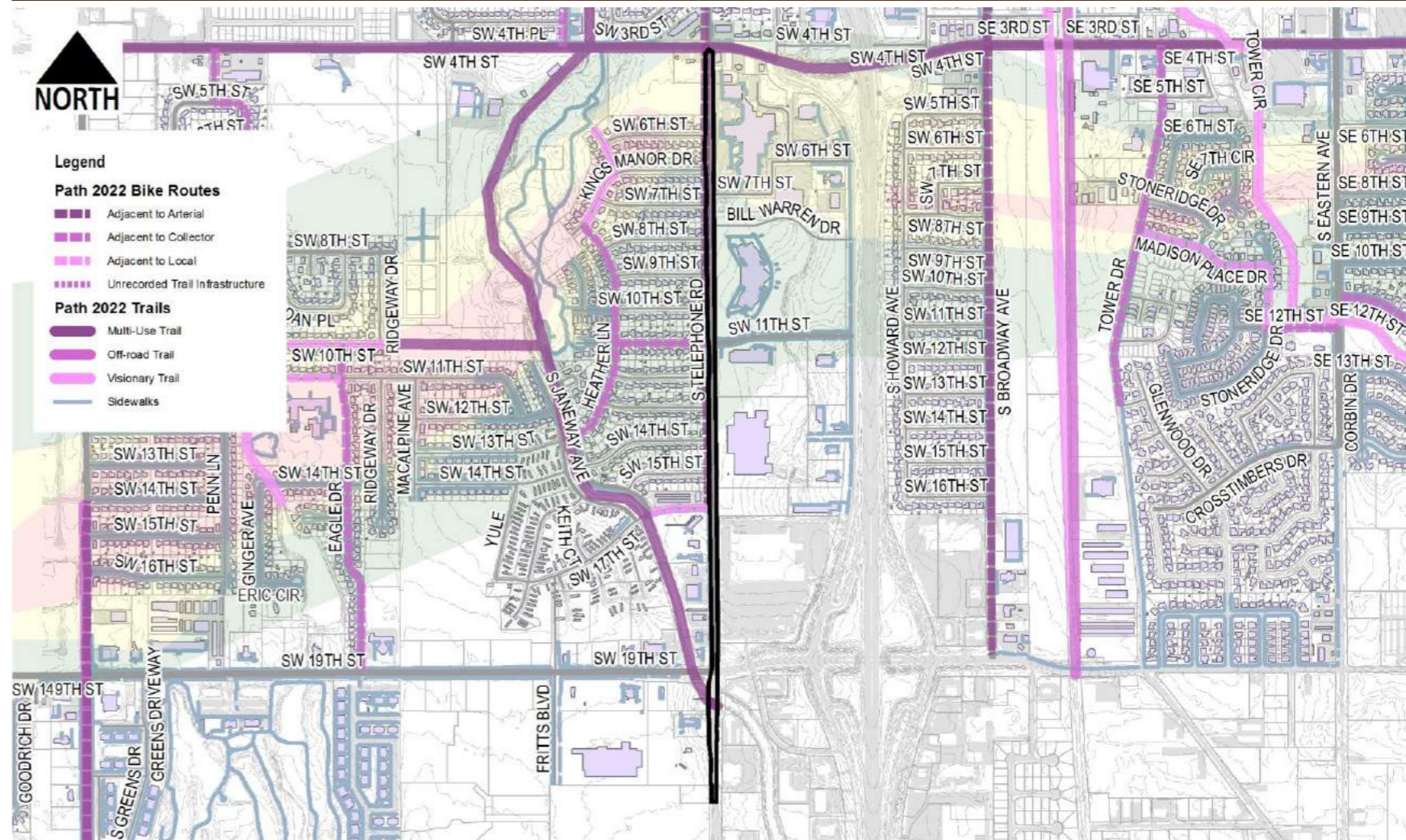
Proximity Score 2.41

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	6	1.00	1.00	1.00

Damage Score 1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	10.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **53.90**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	3079			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	3051			
Existing: Portion along local roadways (ft)	28			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	28	0.01	1.00	0.01
Length of Bikeways/Trails remaining to be constructed (ft)	3051	0.99	5.00	4.95
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	3051	1.00	5.00	5.00
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	0.00	1.00	0.00

Background Score 9.96

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	1757	0.57	3.00	1.71
Length within 0.25-mi of Community Center (ft)	3079	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

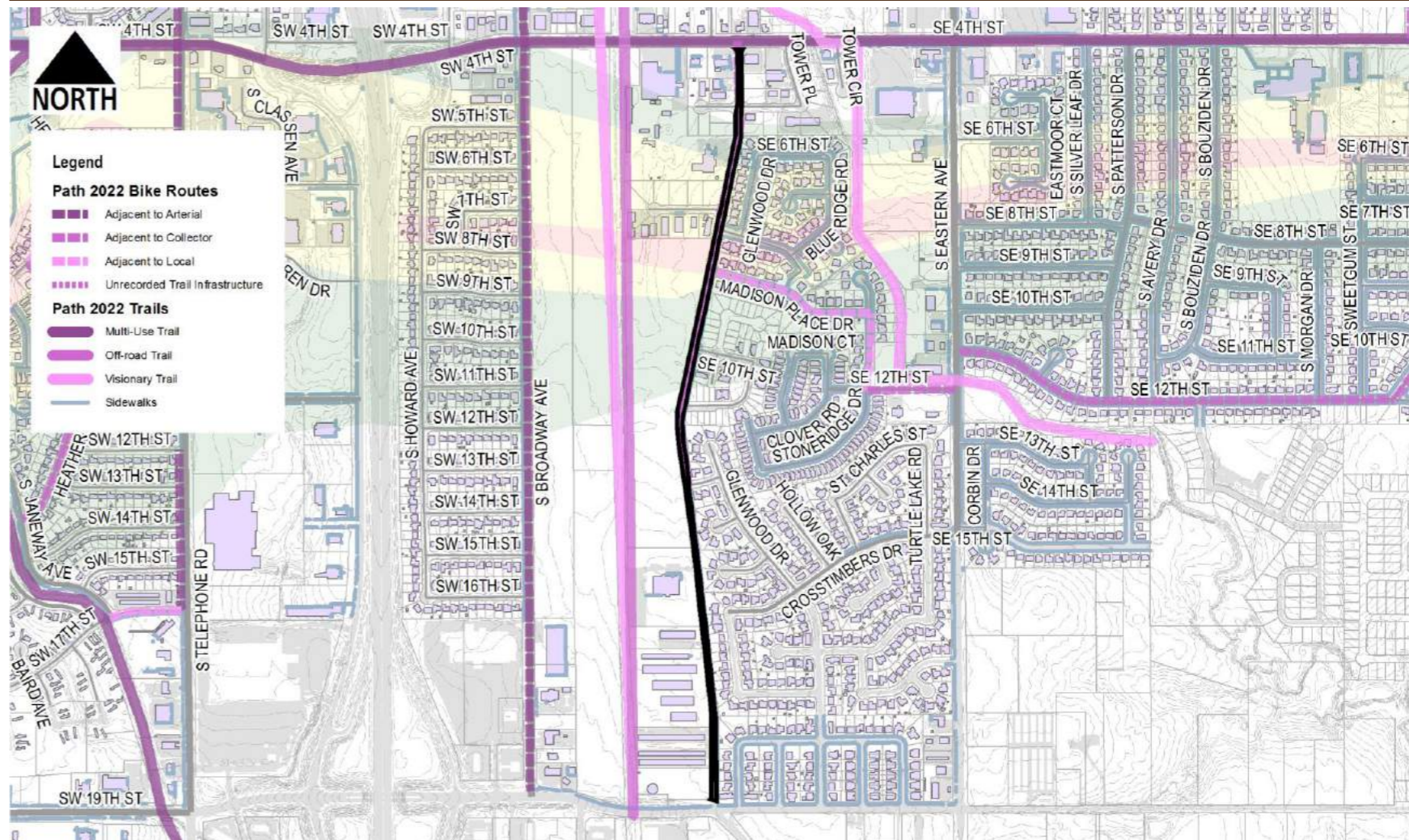
Proximity Score 2.71

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	28	1.00	10.00	10.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00

Damage Score 10.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q50: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q51: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q52: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **52.68**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Bikeways/Trails
 Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				5.50

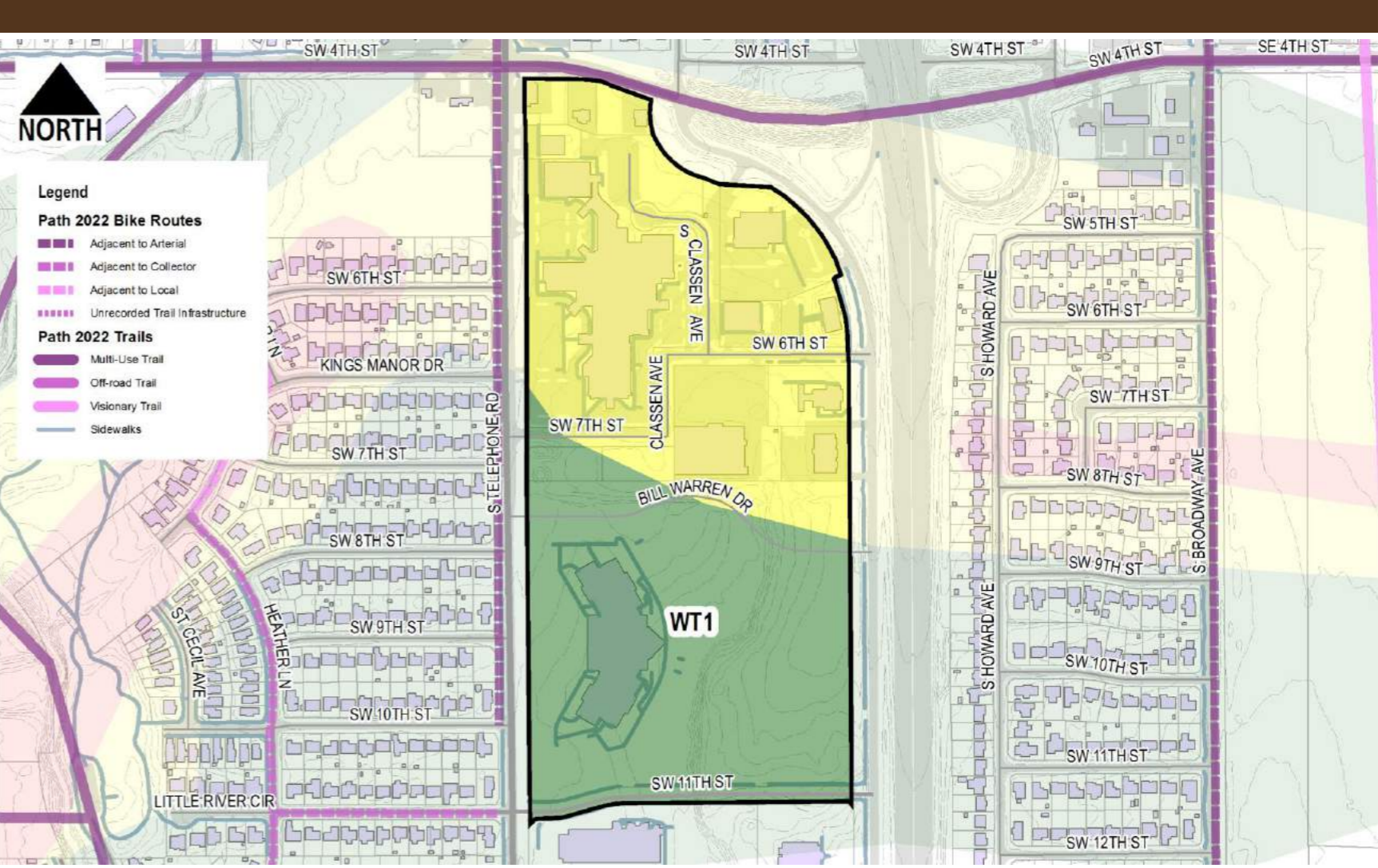
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **25.50**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT3
 Infrastructure Category: Bikeways/Trails
 Exhibit Group: E.6

Assessment Data

Description	Value
Assessment By	J.Cotton / N. Clair
Date Range of Assessment	

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Bikeways				
2012 Master Plan (ft)	0			
Proposed: Portion along arterial roadways (ft)	0			
Proposed: Portion along collector roadways (ft)	0			
Existing: Portion along local roadways (ft)	0			
Trails				
Existing (ft)	0			
Proposed (ft)	0			
Total Inventory				
Length of Bikeways/Trails completed (ft)	0	0.00	1.00	0.00
Length of Bikeways/Trails remaining to be constructed (ft)	0	0.00	5.00	0.00
Available Right-of-Way/Easements				
Q46a: Length of bikeways/trails to be constructed where sufficient right-of-way exists (ft)	0	0.90	5.00	4.50
Q46b: Length of bikeways/trails to be constructed where insufficient right-of-way exists (ft)	0	1.00	1.00	1.00
Background Score				5.50

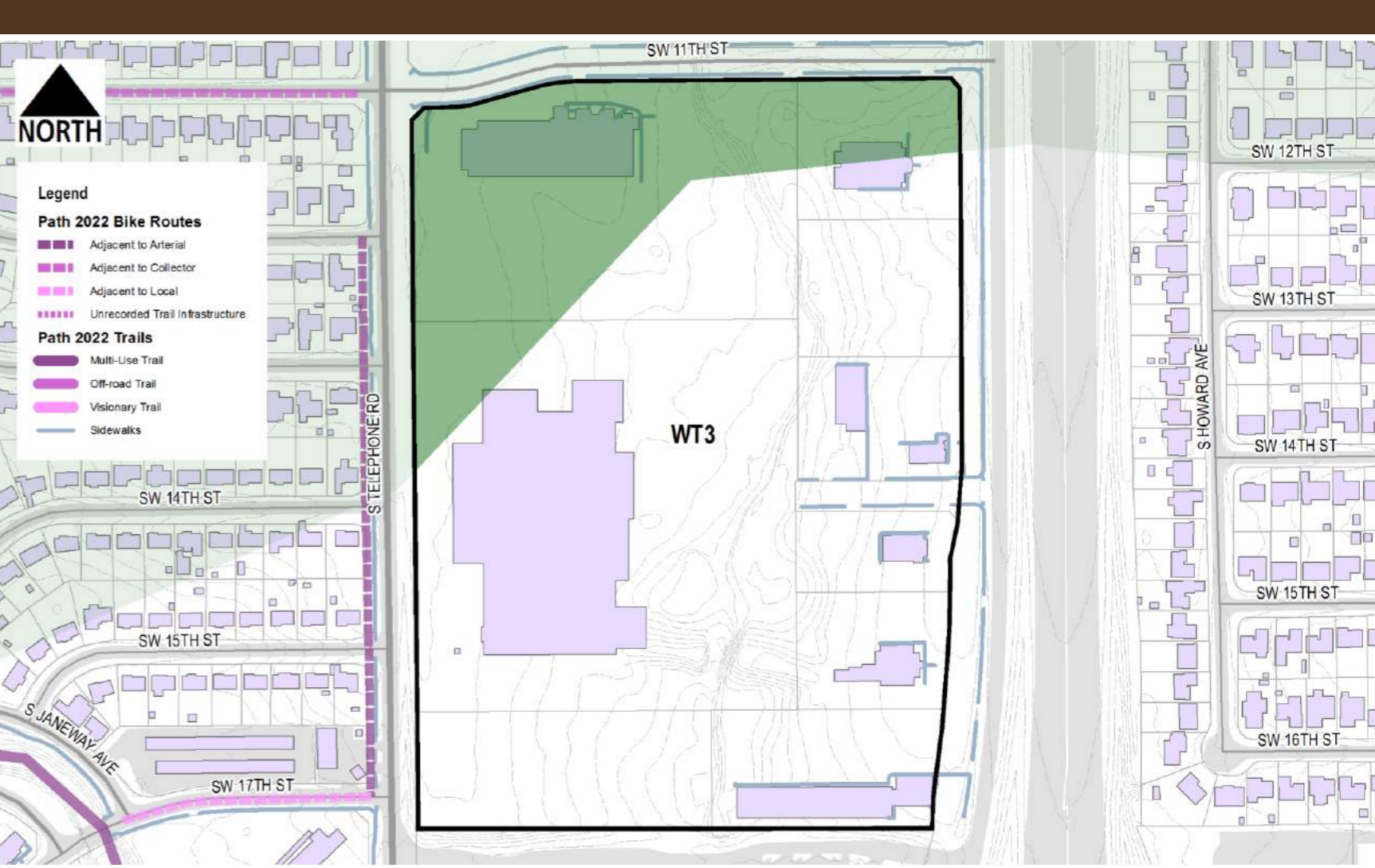
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				0.00

Damage Score

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
BW1 - Surface Spall	0	0.25	0.00	BW8 - Logitudinal Slope > 5%	0	0.25	0.00
BW2 - Joint Deflection	0	0.25	0.00	BW9 - Cross Slope > 2%	0	0.25	0.00
BW3 - Panel Settlement	0	0.25	0.00	BW10 - not ADA Compliant at intersection	0	0.25	0.00
BW4 - Panel Cracking	0	0.25	0.00	BW11 - Evidence of Ponding	0	0.25	0.00
BW5 - Obstructions Present	0	0.25	0.00	BW12 - Anticipated Future Damage	0	0.25	0.00
BW6 - Curb Ramps not Present	0	0.25	0.00	BW13 - Evidence of Recent Repair Work	0	0.25	0.00
BW7 - Sidewalk Missing/not Continuous	0	0.25	0.00	BW14 - Insufficient Vehicular Separation	0	0.25	0.00
Condition Score							0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Bikeways/Trails
 Exhibit Group E.6

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q46c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q48: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q49: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q50: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q51: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q52: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q53: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
			Recovery/Revitalization Score	0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q54: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **20.50**



City of Moore Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	840	8.40	0.10	0.84
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	1372	13.72	0.30	4.12
Q55a1: Number of Intersections (ea)	2			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1638	16.38	0.10	1.64
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	0			
Length of Arterial Road Frontage per Sub-Area Entrance	0	0.00	0.10	0.00
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				11.59

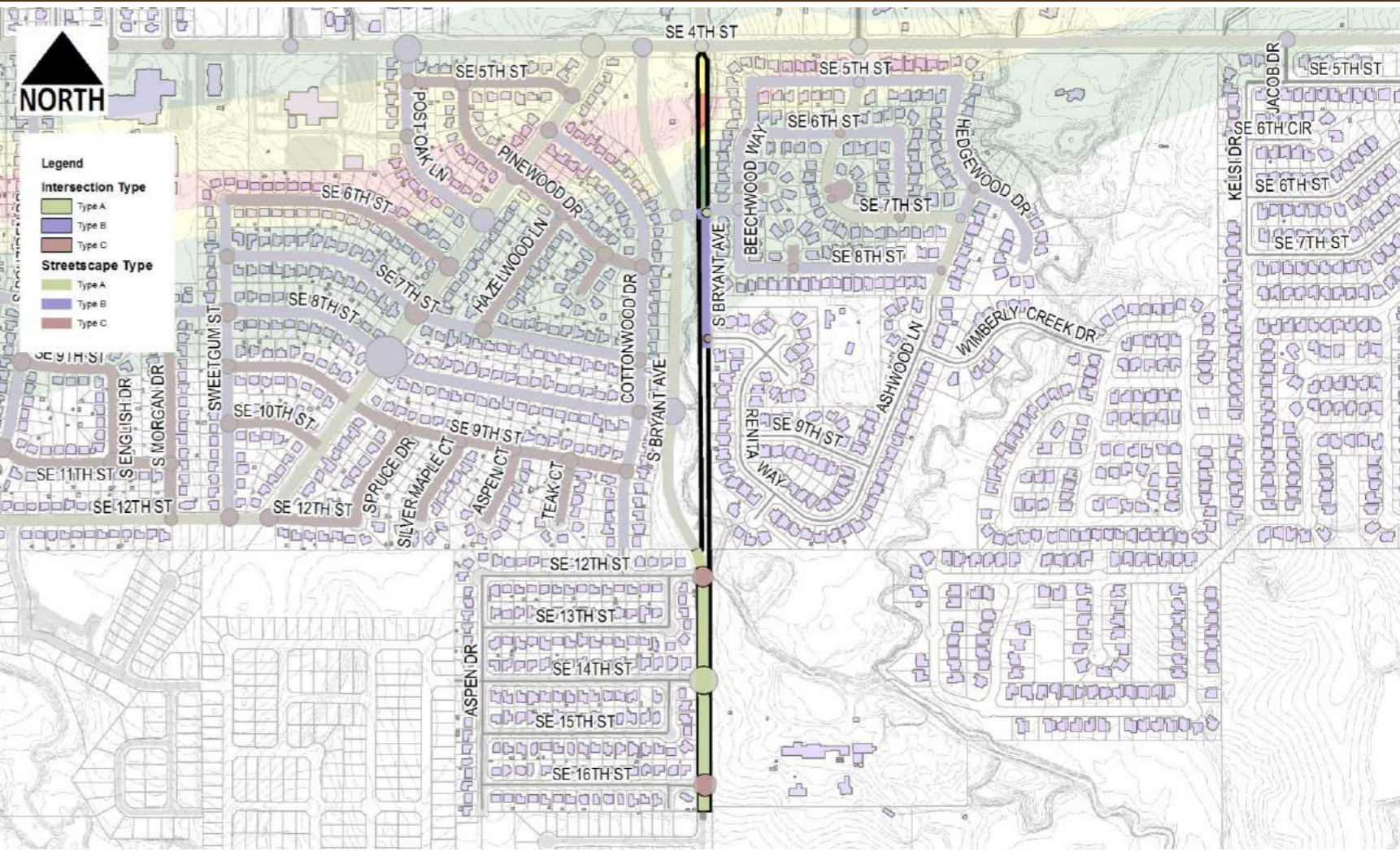
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.07.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	3	1.50	5.00	7.50	G8 - Streetscape: Option A (ft)	1360	0.61	5.00	3.07
G2 - Intersection: Option B	0	0.00	3.00	0.00	G9 - Streetscape: Option B (ft)	775	0.35	3.00	1.05
G3 - Intersection: Option C	3	1.50	2.00	3.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									14.63



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI) **46.22**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	81	0.81	0.10	0.08
Length of Collector Roadways within Sub-Area (ft)	35	0.35	0.20	0.07
Length of Arterial Roadways within Sub-Area (ft)	1482	14.82	0.30	4.45
Q55a1: Number of Intersections (ea)	5			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1606	16.06	0.10	1.61
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	1606	16.06	0.10	1.61
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				17.81

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.06.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	2	0.40	5.00	2.00	G8 - Streetscape: Option A (ft)	2637	1.65	5.00	8.25
G2 - Intersection: Option B	1	0.20	3.00	0.60	G9 - Streetscape: Option B (ft)	0	0.00	3.00	0.00
G3 - Intersection: Option C	3	0.60	2.00	1.20	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									12.05



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **49.86**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Broadway Avenue
 Assessment Sub-Area: BR1
 Infrastructure Category: Gateway/Streetscape
 Exhibit: B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	499	4.99	0.10	0.50
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	5175	51.75	0.30	15.53
Q55a1: Number of Intersections (ea)	14			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	5372	53.72	0.10	5.37
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	2			
Length of Arterial Road Frontage per Sub-Area Entrance	2686	26.86	0.10	2.69
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				29.08

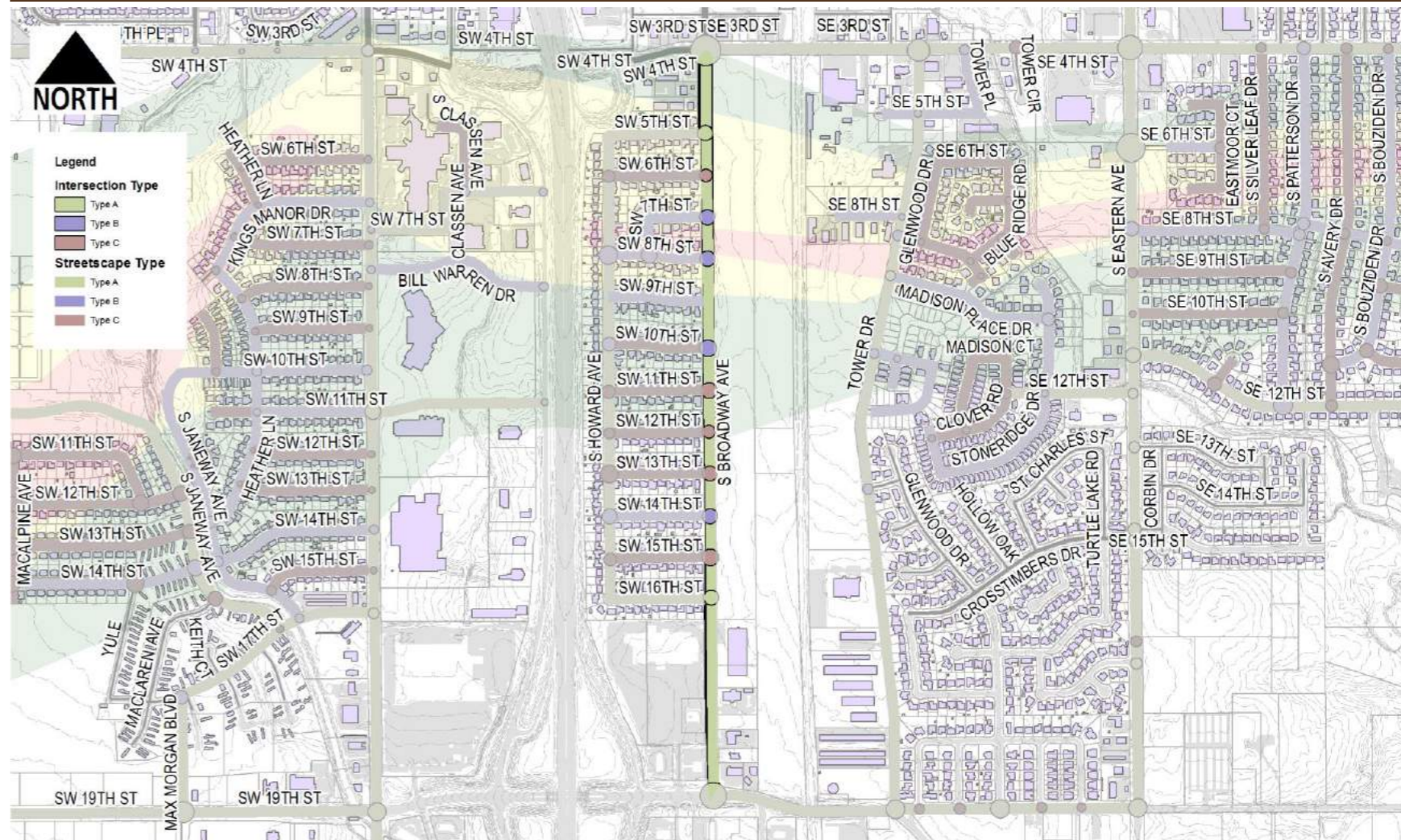
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	5	0.36	5.00	1.79	G8 - Streetscape: Option A (ft)	5244	0.92	5.00	4.62
G2 - Intersection: Option B	4	0.29	3.00	0.86	G9 - Streetscape: Option B (ft)	147	0.03	3.00	0.08
G3 - Intersection: Option C	5	0.36	2.00	0.71	G10 - Streetscape: Option C (ft)	237	0.04	2.00	0.08
Condition Score									8.14



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: SW 4TH ST. & S. BROADWAY AVE.	1.00	5.00	5.00	
BR1: PEDESTRIAN IMPROVEMENTS AND GATEWAY AT SW 7TH STREET AND BROADWAY AV	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **67.22**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Baer's Westmoore
Assessment Sub-Area BW2
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	7851	78.51	0.10	7.85
Length of Collector Roadways within Sub-Area (ft)	3893	38.93	0.20	7.79
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	19			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1219	12.19	0.10	1.22
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	3			
Length of Arterial Road Frontage per Sub-Area Entrance	406	4.06	0.10	0.41
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	Yes	1.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00

Background Score 27.26

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55: Census Block Group	40027.2022.05.2	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00

LMI Score 0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00

Recovery/Revitalization Score 15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.05	5.00	0.26	G8 - Streetscape: Option A (ft)	2642	0.22	5.00	1.12
G2 - Intersection: Option B	1	0.05	3.00	0.16	G9 - Streetscape: Option B (ft)	2985	0.25	3.00	0.76
G3 - Intersection: Option C	9	0.47	2.00	0.95	G10 - Streetscape: Option C (ft)	5804	0.49	2.00	0.99

Condition Score 4.24



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: SW19TH & WESTMORE DR.	1.00	5.00	5.00	
GATEWAY: SW 19TH & LONNIE LANE	1.00	5.00	5.00	
BW2: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	15.00

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastern Avenue
Assessment Sub-Area EA1
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	294	2.94	0.10	0.29
Length of Collector Roadways within Sub-Area (ft)	146	1.46	0.20	0.29
Length of Arterial Roadways within Sub-Area (ft)	3403	34.03	0.30	10.21
Q55a1: Number of Intersections (ea)	10			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	3623	36.23	0.10	3.62
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	3623	36.23	0.10	3.62
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				23.04

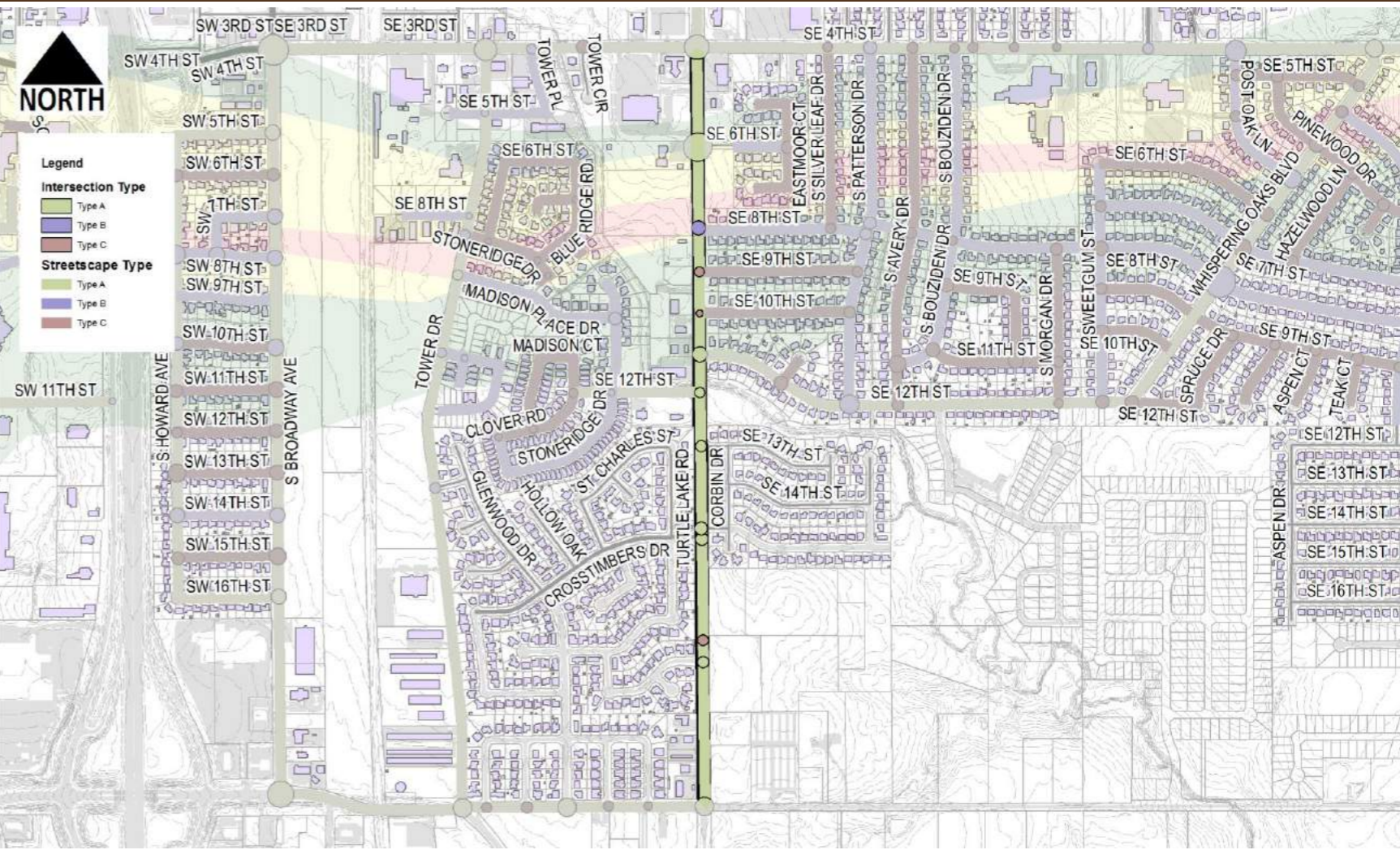
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.05.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	12	1.20	5.00	6.00	G8 - Streetscape: Option A (ft)	5354	1.39	5.00	6.97
G2 - Intersection: Option B	1	0.10	3.00	0.30	G9 - Streetscape: Option B (ft)	50	0.01	3.00	0.04
G3 - Intersection: Option C	3	0.30	2.00	0.60	G10 - Streetscape: Option C (ft)	76	0.02	2.00	0.04
Condition Score									13.94



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: S. EASTERN AVE. & SE 6TH ST.	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.99**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	200	2.00	0.10	0.20
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	1			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1344	13.44	0.10	1.34
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	1344	13.44	0.10	1.34
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				2.89

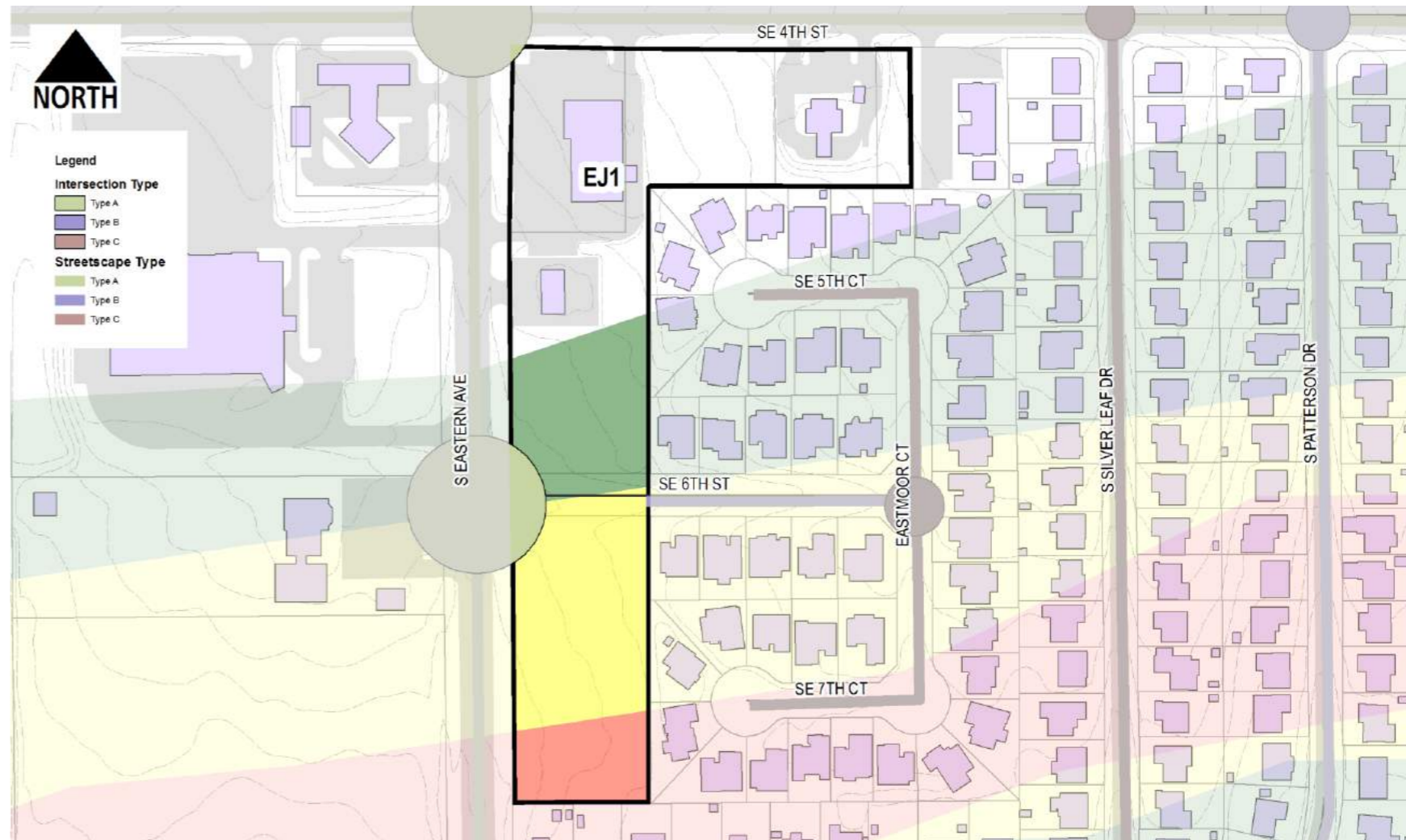
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55: Census Block Group	40027.2021.05.3	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	3	3.00	5.00	15.00	G8 - Streetscape: Option A (ft)	0	0.00	5.00	0.00
G2 - Intersection: Option B	0	0.00	3.00	0.00	G9 - Streetscape: Option B (ft)	6	0.03	3.00	0.09
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									15.09



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: S. EASTERN AVE. & SE 6TH ST.	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **32.98**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	13770	137.70	0.10	13.77
Length of Collector Roadways within Sub-Area (ft)	6620	66.20	0.20	13.24
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	23			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	2335	23.35	0.10	2.34
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	8			
Length of Arterial Road Frontage per Sub-Area Entrance	292	2.92	0.10	0.29
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				44.64

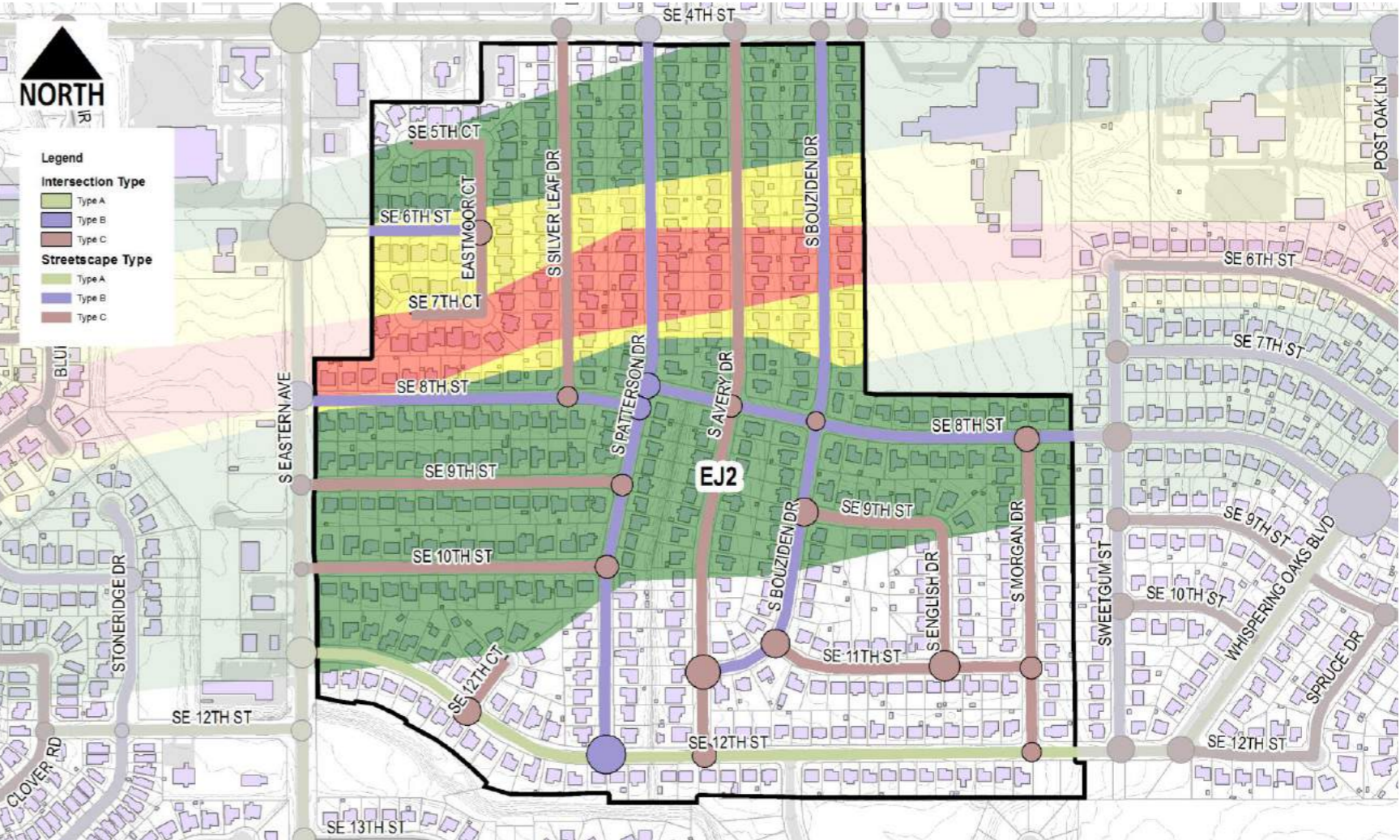
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.05.3	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.04	5.00	0.22	G8 - Streetscape: Option A (ft)	2686	0.13	5.00	0.66
G2 - Intersection: Option B	7	0.30	3.00	0.91	G9 - Streetscape: Option B (ft)	7829	0.38	3.00	1.15
G3 - Intersection: Option C	15	0.65	2.00	1.30	G10 - Streetscape: Option C (ft)	9896	0.49	2.00	0.97
Condition Score									5.22



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4C: PEDESTRIAN CROSSING WITH GATEWAY AT HIGHLAND EAST JUNIOR HIGH	1.00	5.00	5.00	
GATEWAY: SE 4TH ST. & S. BOUZIDEN DR.	1.00	5.00	5.00	
GATEWAY: SE 4TH ST. & S. AVERY DR.	1.00	5.00	5.00	
GATEWAY: SE 4TH ST & S. PATTERSON DR.	1.00	5.00	5.00	
GATEWAY: SE 4TH & S. SILVERLEAF DR.	1.00	5.00	5.00	
EJ2: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	30.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **99.85**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ5
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	16878	168.78	0.10	16.88
Length of Collector Roadways within Sub-Area (ft)	5839	58.39	0.20	11.68
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	31			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	2285	22.85	0.10	2.29
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	3			
Length of Arterial Road Frontage per Sub-Area Entrance	762	7.62	0.10	0.76
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				46.60

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.05.3	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.03	5.00	0.16	G8 - Streetscape: Option A (ft)	3299	0.15	5.00	0.73
G2 - Intersection: Option B	5	0.16	3.00	0.48	G9 - Streetscape: Option B (ft)	9889	0.44	3.00	1.31
G3 - Intersection: Option C	25	0.81	2.00	1.61	G10 - Streetscape: Option C (ft)	9424	0.41	2.00	0.83
Condition Score									5.12



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ5
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
EJ5: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **76.72**



City of Moore Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	111	1.11	0.10	0.11
Length of Collector Roadways within Sub-Area (ft)	24	0.24	0.20	0.05
Length of Arterial Roadways within Sub-Area (ft)	2628	26.28	0.30	7.88
Q55a1: Number of Intersections (ea)	2			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	2730	27.30	0.10	2.73
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	2730	27.30	0.10	2.73
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				18.50

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.05.2	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	0	0.00	5.00	0.00	G8 - Streetscape: Option A (ft)	2620	0.95	5.00	4.74
G2 - Intersection: Option B	2	1.00	3.00	3.00	G9 - Streetscape: Option B (ft)	132	0.05	3.00	0.14
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									7.88



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ6
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
EJ6: STREETSCAPE AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs

Infrastructure Rating Index (IRI) **51.39**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Heatherwood
Assessment Sub-Area HW1
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	6885	68.85	0.10	6.89
Length of Collector Roadways within Sub-Area (ft)	1229	12.29	0.20	2.46
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	17			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	982	9.82	0.10	0.98
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	982	9.82	0.10	0.98
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				16.31

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.07.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	2	0.12	5.00	0.59	G8 - Streetscape: Option A (ft)	1934	0.24	5.00	1.19
G2 - Intersection: Option B	3	0.18	3.00	0.53	G9 - Streetscape: Option B (ft)	5788	0.71	3.00	2.14
G3 - Intersection: Option C	9	0.53	2.00	1.06	G10 - Streetscape: Option C (ft)	491	0.06	2.00	0.12
Condition Score									5.63



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
GATEWAY: SE 4TH ST. & HEATHERWOOD DR.	1.00	5.00	5.00	5.00
HW1: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	5.00
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **41.94**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	3880	38.80	0.10	3.88
Length of Collector Roadways within Sub-Area (ft)	3947	39.47	0.20	7.89
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	10			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1164	11.64	0.10	1.16
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	4			
Length of Arterial Road Frontage per Sub-Area Entrance	291	2.91	0.10	0.29
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				23.23

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.2	1.00	5.00	5.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				10.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	0	0.00	5.00	0.00	G8 - Streetscape: Option A (ft)	1685	0.22	5.00	1.08
G2 - Intersection: Option B	6	0.60	3.00	1.80	G9 - Streetscape: Option B (ft)	3521	0.45	3.00	1.35
G3 - Intersection: Option C	11	1.10	2.00	2.20	G10 - Streetscape: Option C (ft)	2698	0.34	2.00	0.69
Condition Score									7.12



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
KM2: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **65.34**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM3
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	7066	70.66	0.10	7.07
Length of Collector Roadways within Sub-Area (ft)	1986	19.86	0.20	3.97
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	16			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	2137	21.37	0.10	2.14
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	7			
Length of Arterial Road Frontage per Sub-Area Entrance	305	3.05	0.10	0.31
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
			Background Score	28.48

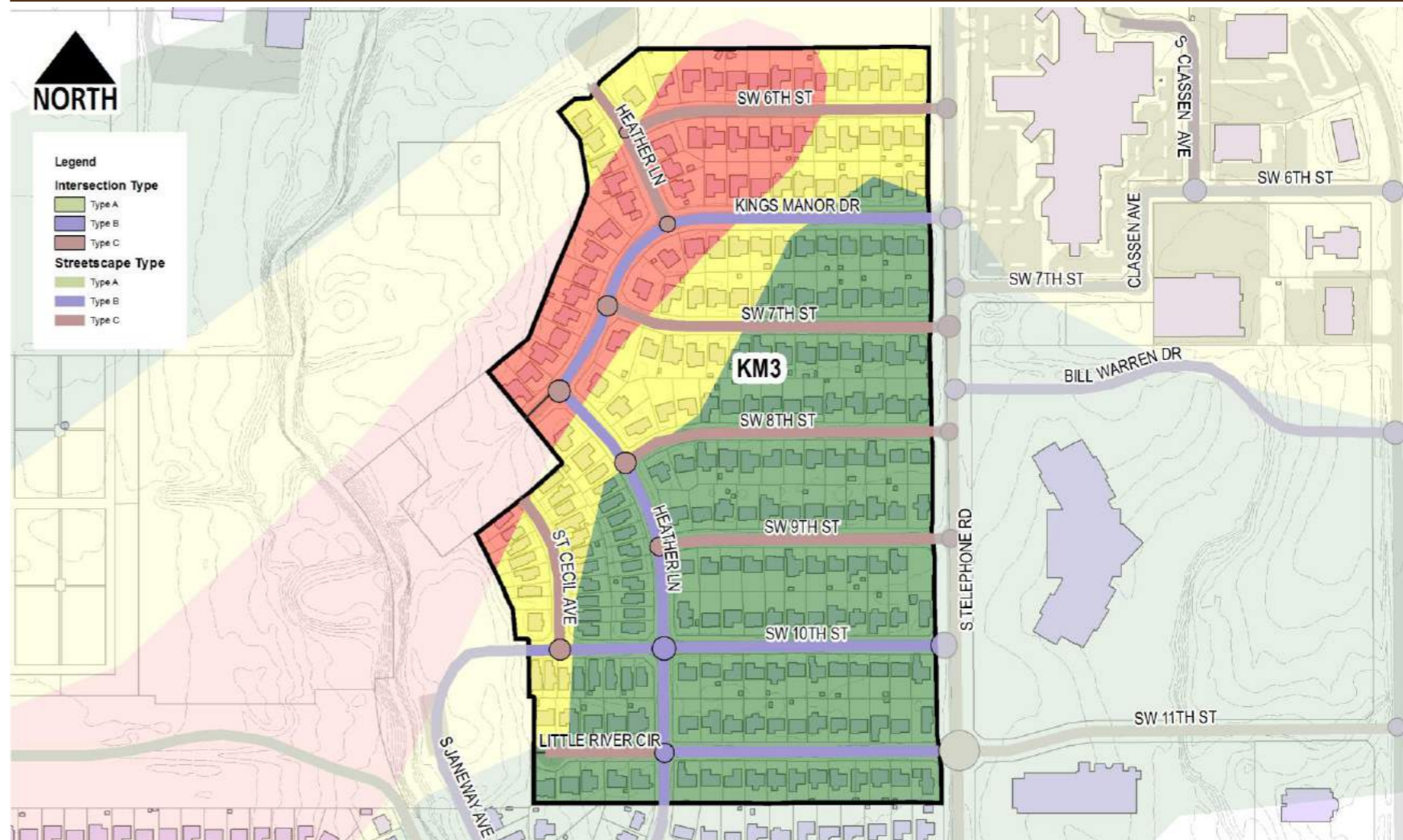
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.2	1.00	5.00	5.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	10.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score	
G1 - Intersection: Option A	1	0.06	5.00	0.31	G8 - Streetscape: Option A (ft)	0	0.00	5.00	0.00	
G2 - Intersection: Option B	4	0.25	3.00	0.75	G9 - Streetscape: Option B (ft)	4358	0.48	3.00	1.44	
G3 - Intersection: Option C	8	0.50	2.00	1.00	G10 - Streetscape: Option C (ft)	4499	0.50	2.00	0.99	
									Condition Score	4.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: S. TELEPHONE RD. & SW 11TH ST.	1.00	5.00	5.00	
GATEWAY: S. TELEPHONE RD. & KINGS MANOR DR.	1.00	5.00	5.00	
KM3: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	15.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **77.98**



City of Moore Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH1
 Infrastructure Category: Gateway/Streetscape
 Exhibit: B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	1122	11.22	0.10	1.12
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	4			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	2941	29.41	0.10	2.94
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	2			
Length of Arterial Road Frontage per Sub-Area Entrance	1471	14.71	0.10	1.47
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				5.53

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	3	0.75	5.00	3.75	G8 - Streetscape: Option A (ft)	0	0.00	5.00	0.00
G2 - Intersection: Option B	2	0.50	3.00	1.50	G9 - Streetscape: Option B (ft)	825	0.74	3.00	2.21
G3 - Intersection: Option C	1	0.25	2.00	0.50	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									7.96



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
 Assessment Sub-Area MH1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.49**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH2
 Infrastructure Category: Gateway/Streetscape
 Exhibit: B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	9298	92.98	0.10	9.30
Length of Collector Roadways within Sub-Area (ft)	826	8.26	0.20	1.65
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	19			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	815	8.15	0.10	0.82
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	815	8.15	0.10	0.82
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				22.58

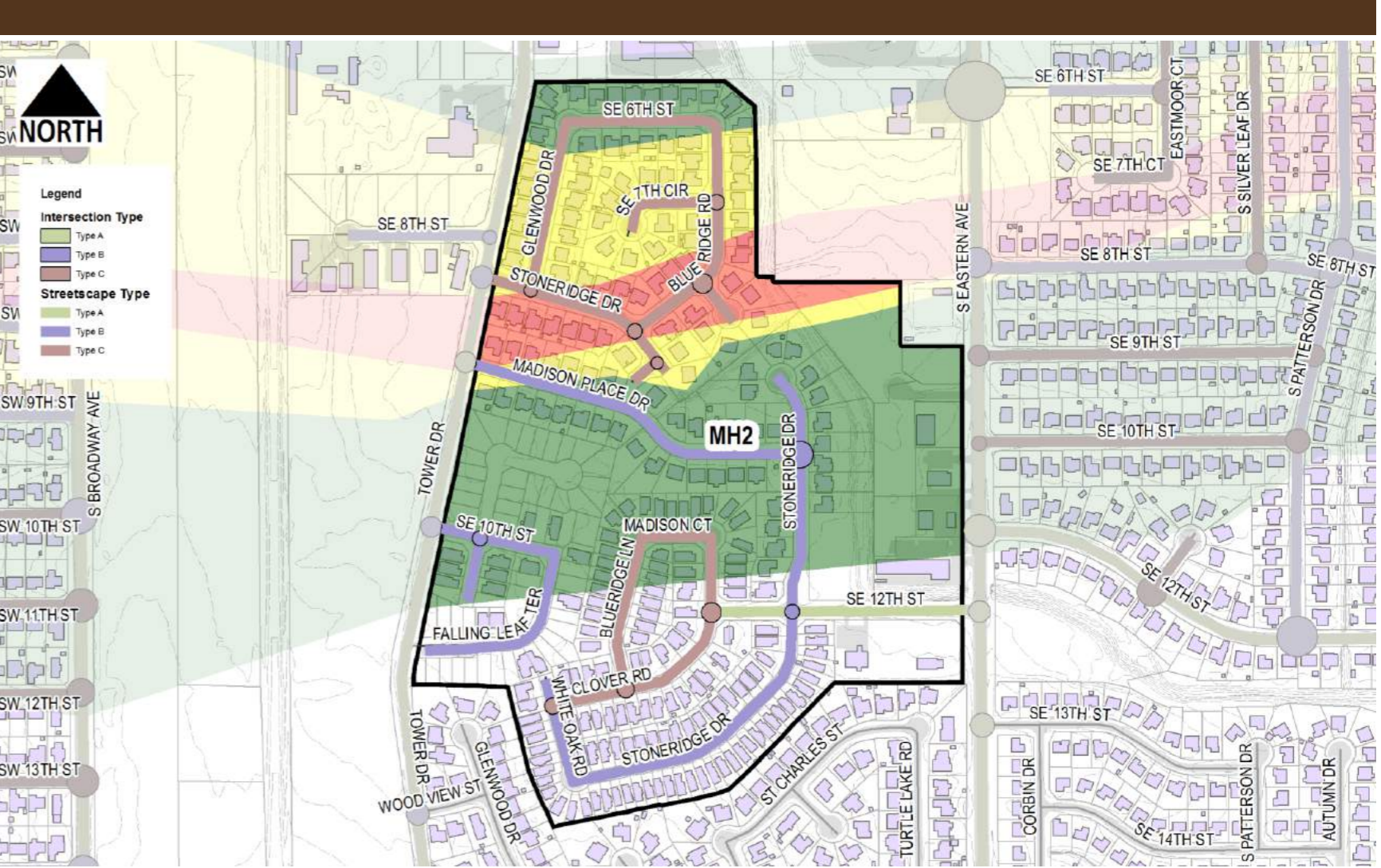
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	2	0.11	5.00	0.53	G8 - Streetscape: Option A (ft)	827	0.08	5.00	0.41
G2 - Intersection: Option B	5	0.26	3.00	0.79	G9 - Streetscape: Option B (ft)	4529	0.45	3.00	1.34
G3 - Intersection: Option C	8	0.42	2.00	0.84	G10 - Streetscape: Option C (ft)	4761	0.47	2.00	0.94
Condition Score									4.85



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH2
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
MH2: PEDESTRIAN CONNECTION IMPROVEMENTS, TERMINATION OF SE 9TH STREET	1.00	5.00	5.00	
GATEWAY: TOWER DR. & MADISON DR.	1.00	5.00	5.00	
GATEWAY: TOWER DR & STONERIDGE DR.	1.00	5.00	5.00	
MH2: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	20.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **57.43**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	0	0.00	0.10	0.00
Length of Collector Roadways within Sub-Area (ft)	205	2.05	0.20	0.41
Length of Arterial Roadways within Sub-Area (ft)	5253	52.53	0.30	15.76
Q55a1: Number of Intersections (ea)	8			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	5540	55.40	0.10	5.54
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	2			
Length of Arterial Road Frontage per Sub-Area Entrance	2770	27.70	0.10	2.77
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				34.48

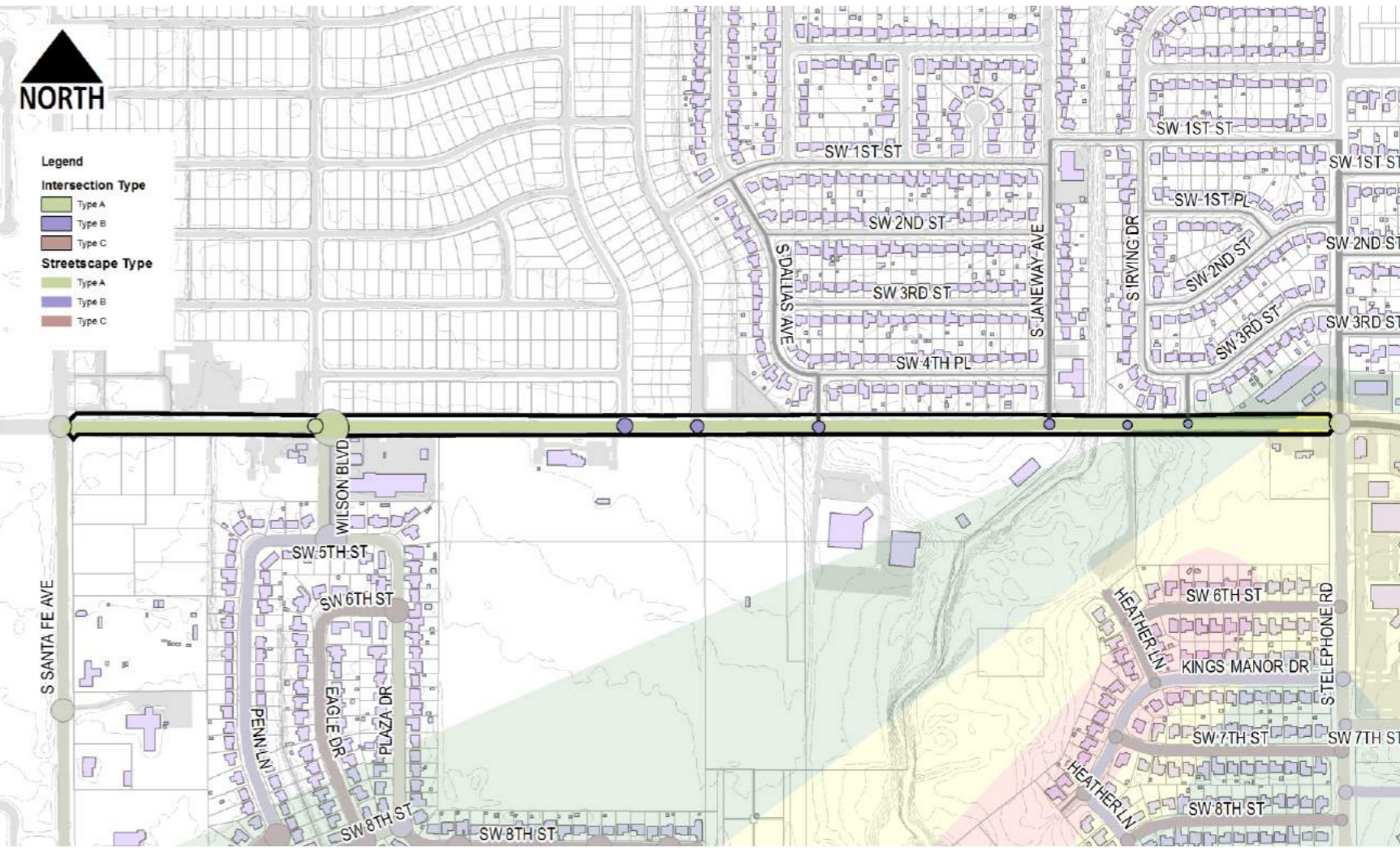
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55: Census Block Group	40027.2016.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	6	0.75	5.00	3.75	G8 - Streetscape: Option A (ft)	5255	0.96	5.00	4.81
G2 - Intersection: Option B	6	0.75	3.00	2.25	G9 - Streetscape: Option B (ft)	20	0.00	3.00	0.01
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									10.83



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **70.30**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	121	1.21	0.10	0.12
Length of Collector Roadways within Sub-Area (ft)	42	0.42	0.20	0.08
Length of Arterial Roadways within Sub-Area (ft)	2989	29.89	0.30	8.97
Q55a1: Number of Intersections (ea)	10			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	3341	33.41	0.10	3.34
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	3			
Length of Arterial Road Frontage per Sub-Area Entrance	1114	11.14	0.10	1.11
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				23.63

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	4	0.40	5.00	2.00	G8 - Streetscape: Option A (ft)	2904	0.92	5.00	4.61
G2 - Intersection: Option B	1	0.10	3.00	0.30	G9 - Streetscape: Option B (ft)	28	0.01	3.00	0.03
G3 - Intersection: Option C	1	0.10	2.00	0.20	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									7.13



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: SW 4TH ST. & S. BROADWAY AVE.	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **55.76**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	481	4.81	0.10	0.48
Length of Collector Roadways within Sub-Area (ft)	139	1.39	0.20	0.28
Length of Arterial Roadways within Sub-Area (ft)	5317	53.17	0.30	15.95
Q55a1: Number of Intersections (ea)	17			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	5686	56.86	0.10	5.69
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	3			
Length of Arterial Road Frontage per Sub-Area Entrance	1895	18.95	0.10	1.90
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
			Background Score	34.29

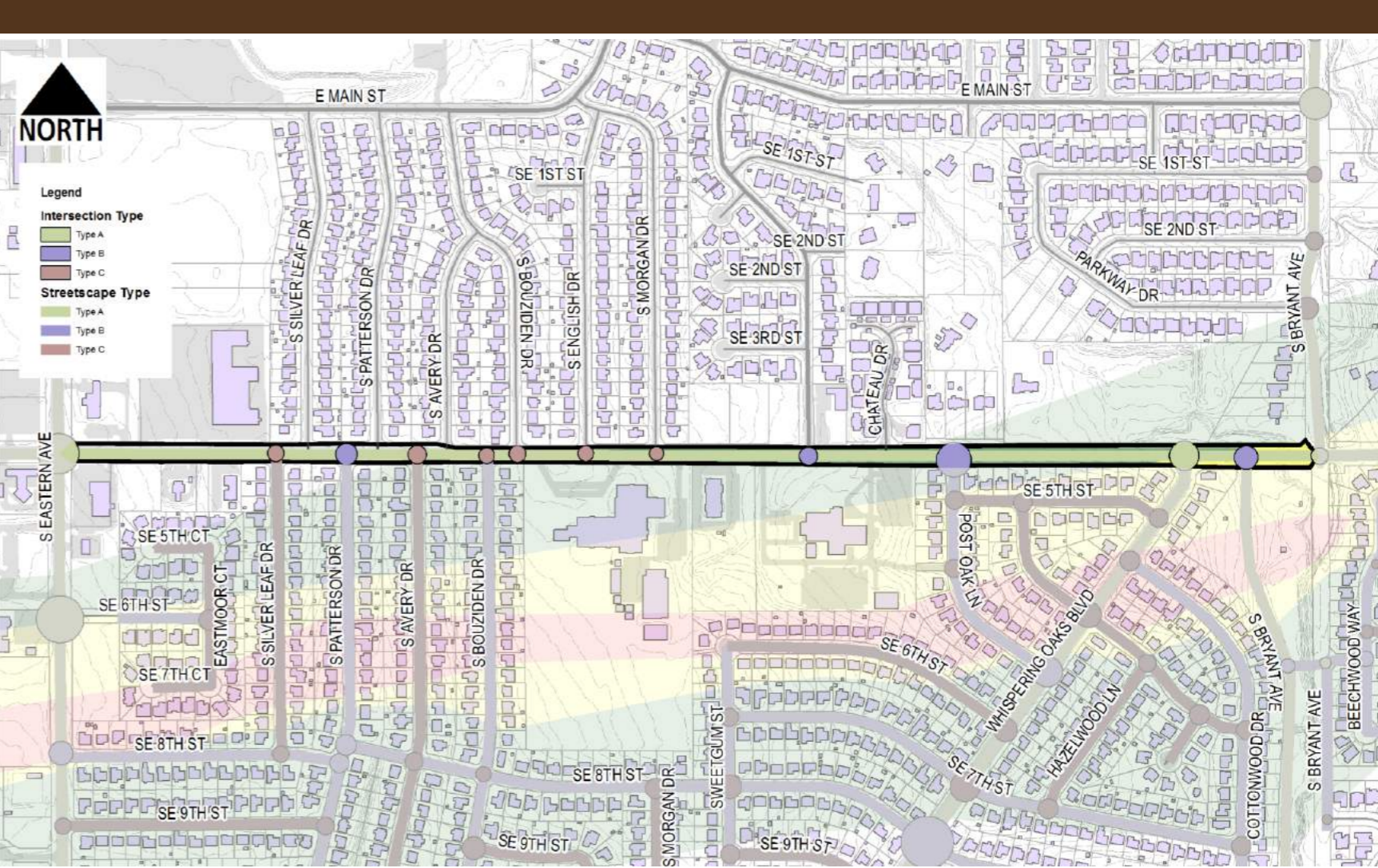
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.05.3	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score	
G1 - Intersection: Option A	4	0.24	5.00	1.18	G8 - Streetscape: Option A (ft)	5354	0.90	5.00	4.51	
G2 - Intersection: Option B	5	0.29	3.00	0.88	G9 - Streetscape: Option B (ft)	125	0.02	3.00	0.06	
G3 - Intersection: Option C	10	0.59	2.00	1.18	G10 - Streetscape: Option C (ft)	81	0.01	2.00	0.03	
									Condition Score	7.83



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
N4C: PEDESTRIAN CROSSING WITH GATEWAY AT HIGHLAND EAST JUNIOR HIGH	1.00	5.00	5.00	
GATEWAY: SE 4TH ST. & S. BOUZIDEN DR.	1.00	5.00	5.00	
GATEWAY: SE 4TH ST. & S. AVERY DR.	1.00	5.00	5.00	
GATEWAY: SE 4TH ST & S. PATTERSON DR.	1.00	5.00	5.00	
GATEWAY: SE 4TH & S. SILVERLEAF DR.	1.00	5.00	5.00	
GATEWAY: NE 4TH ST AND WHISPERING OAKS BLVD	1.00	5.00	5.00	
			Opportunity Score	30.00

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	84	0.84	0.10	0.08
Length of Collector Roadways within Sub-Area (ft)	293	2.93	0.20	0.59
Length of Arterial Roadways within Sub-Area (ft)	5286	52.86	0.30	15.86
Q55a1: Number of Intersections (ea)	8			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	5535	55.35	0.10	5.54
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	2			
Length of Arterial Road Frontage per Sub-Area Entrance	2768	27.68	0.10	2.77
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	Yes	1.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				34.83

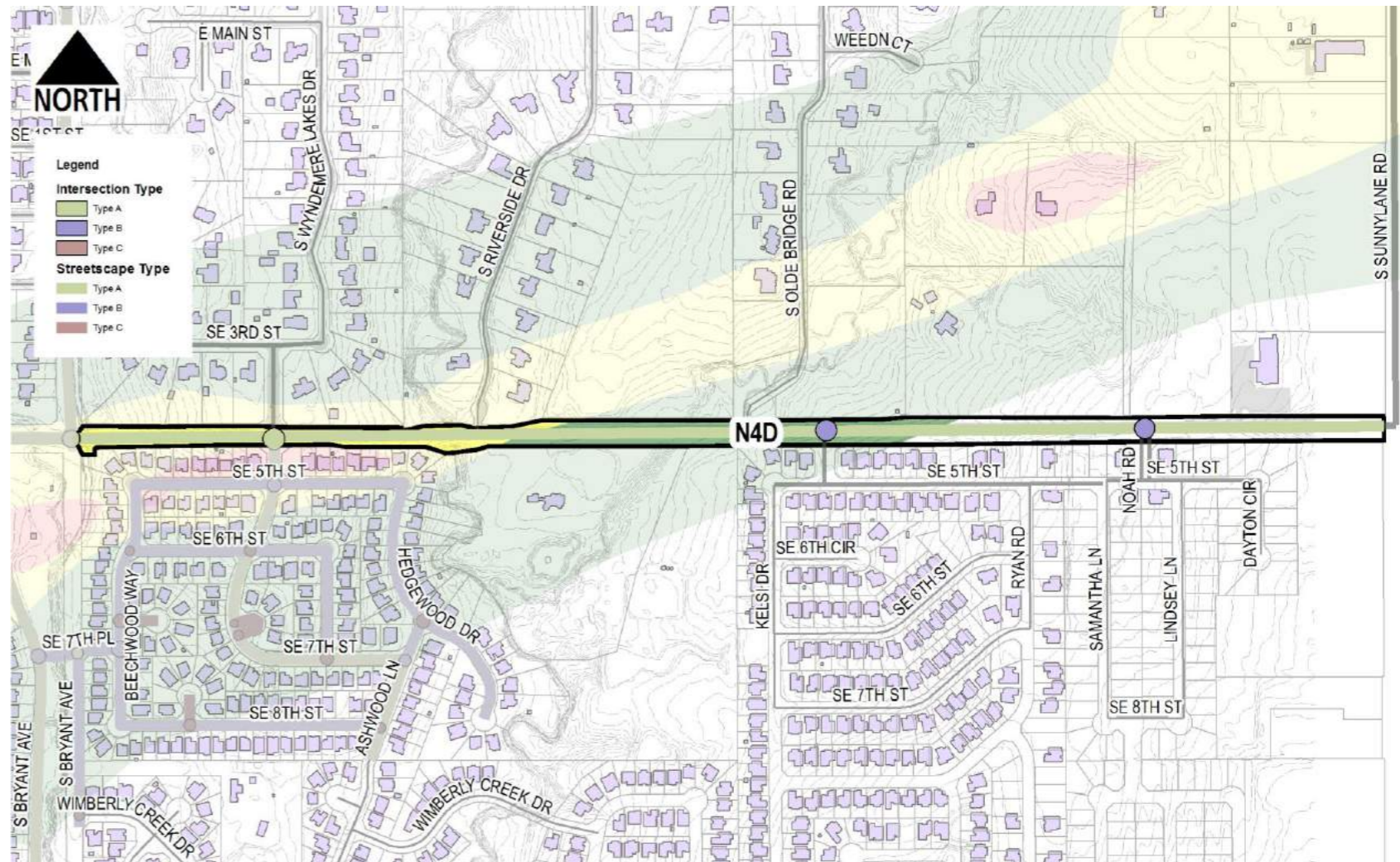
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.07.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis									
Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	3	0.38	5.00	1.88	G8 - Streetscape: Option A (ft)	5318	0.94	5.00	4.70
G2 - Intersection: Option B	2	0.25	3.00	0.75	G9 - Streetscape: Option B (ft)	0	0.00	3.00	0.00
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									7.32



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: SE 4TH ST. & HEATHERWOOD DR.	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **67.15**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	8637	86.37	0.10	8.64
Length of Collector Roadways within Sub-Area (ft)	266	2.66	0.20	0.53
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	12			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1947	19.47	0.10	1.95
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	6			
Length of Arterial Road Frontage per Sub-Area Entrance	325	3.25	0.10	0.32
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	Yes	1.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				26.44

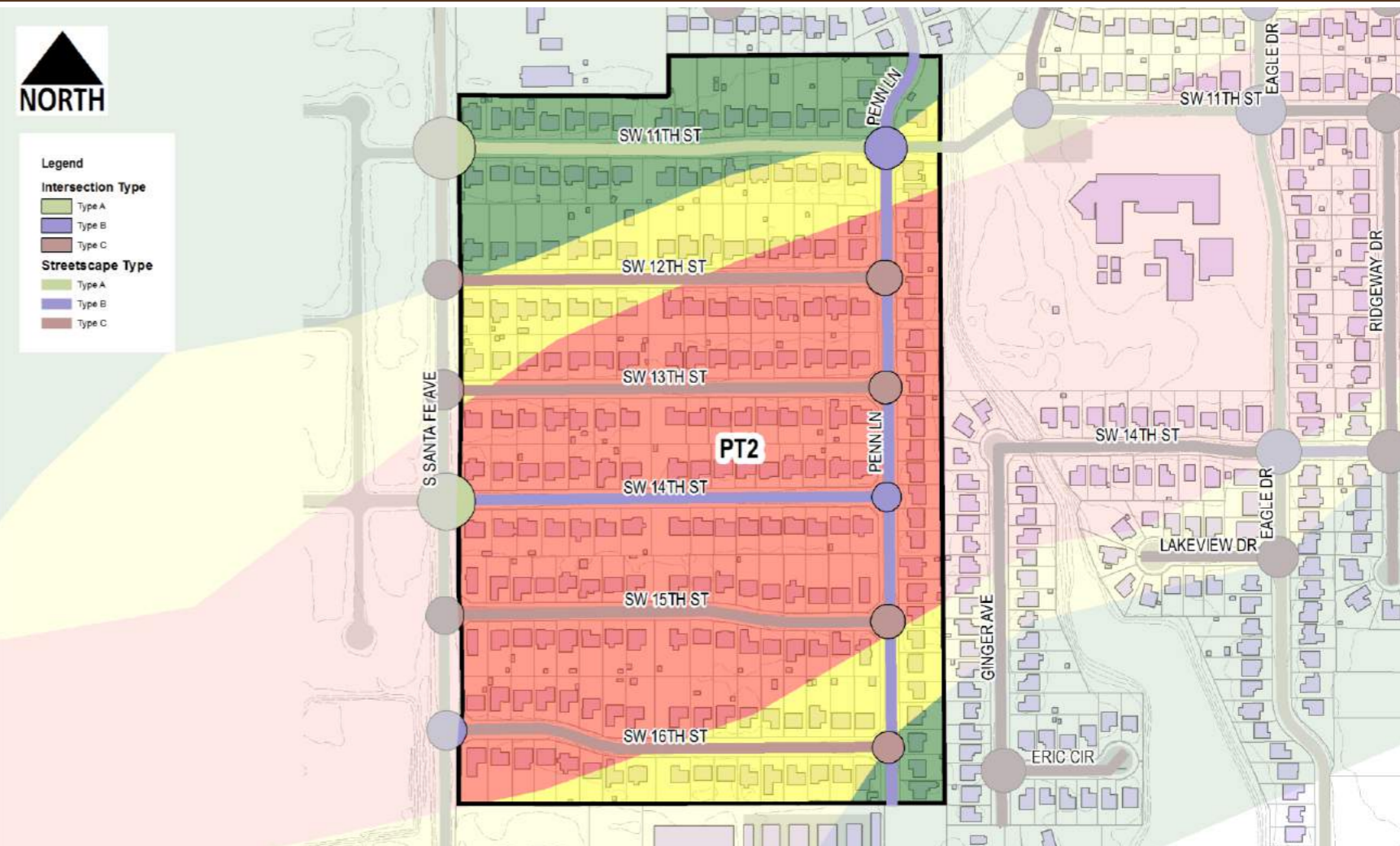
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	4	0.33	5.00	1.67	G8 - Streetscape: Option A (ft)	1273	0.14	5.00	0.71
G2 - Intersection: Option B	3	0.25	3.00	0.75	G9 - Streetscape: Option B (ft)	3126	0.35	3.00	1.05
G3 - Intersection: Option C	7	0.58	2.00	1.17	G10 - Streetscape: Option C (ft)	4508	0.51	2.00	1.01
Condition Score									6.36



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
MODIFICATIONS TO TERMINATION OF PENN LANE	1.00	5.00	5.00	
GATEWAY: SANTA FE AND SW 14TH STREET	1.00	5.00	5.00	
GATEWAY: SANTA FE AND SW 11TH STREET	1.00	5.00	5.00	
PT2: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	20.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **77.80**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	5059	50.59	0.10	5.06
Length of Collector Roadways within Sub-Area (ft)	2646	26.46	0.20	5.29
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	8			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	252	2.52	0.10	0.25
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	252	2.52	0.10	0.25
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				20.86

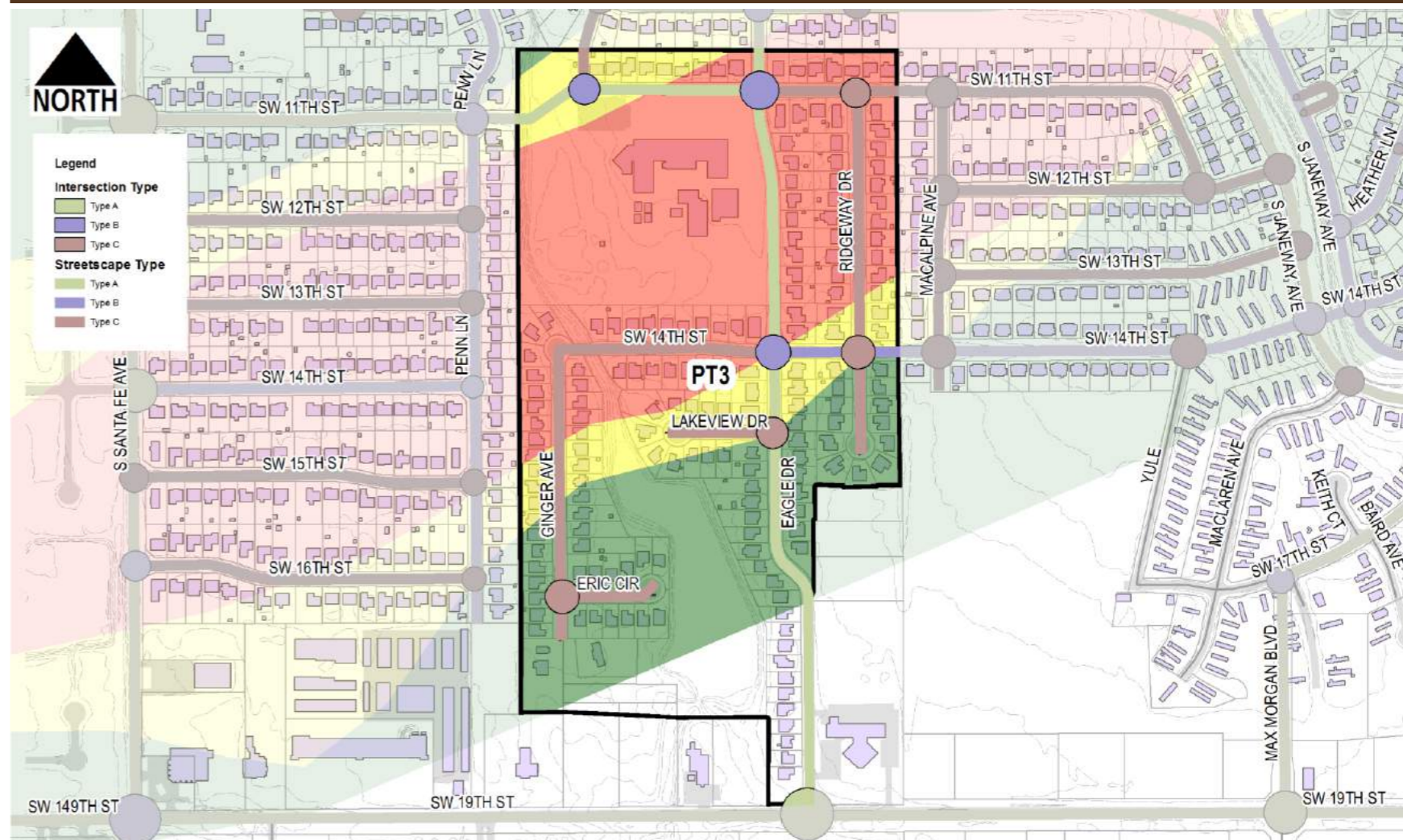
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.13	5.00	0.63	G8 - Streetscape: Option A (ft)	3512	0.46	5.00	2.28
G2 - Intersection: Option B	4	0.50	3.00	1.50	G9 - Streetscape: Option B (ft)	430	0.06	3.00	0.17
G3 - Intersection: Option C	4	0.50	2.00	1.00	G10 - Streetscape: Option C (ft)	4321	0.56	2.00	1.12
Condition Score									6.69



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT3: STREETScape AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **57.55**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	5290	52.90	0.10	5.29
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	7			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	0	0.00	0.10	0.00
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	0			
Length of Arterial Road Frontage per Sub-Area Entrance	0	0.00	0.10	0.00
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				15.29

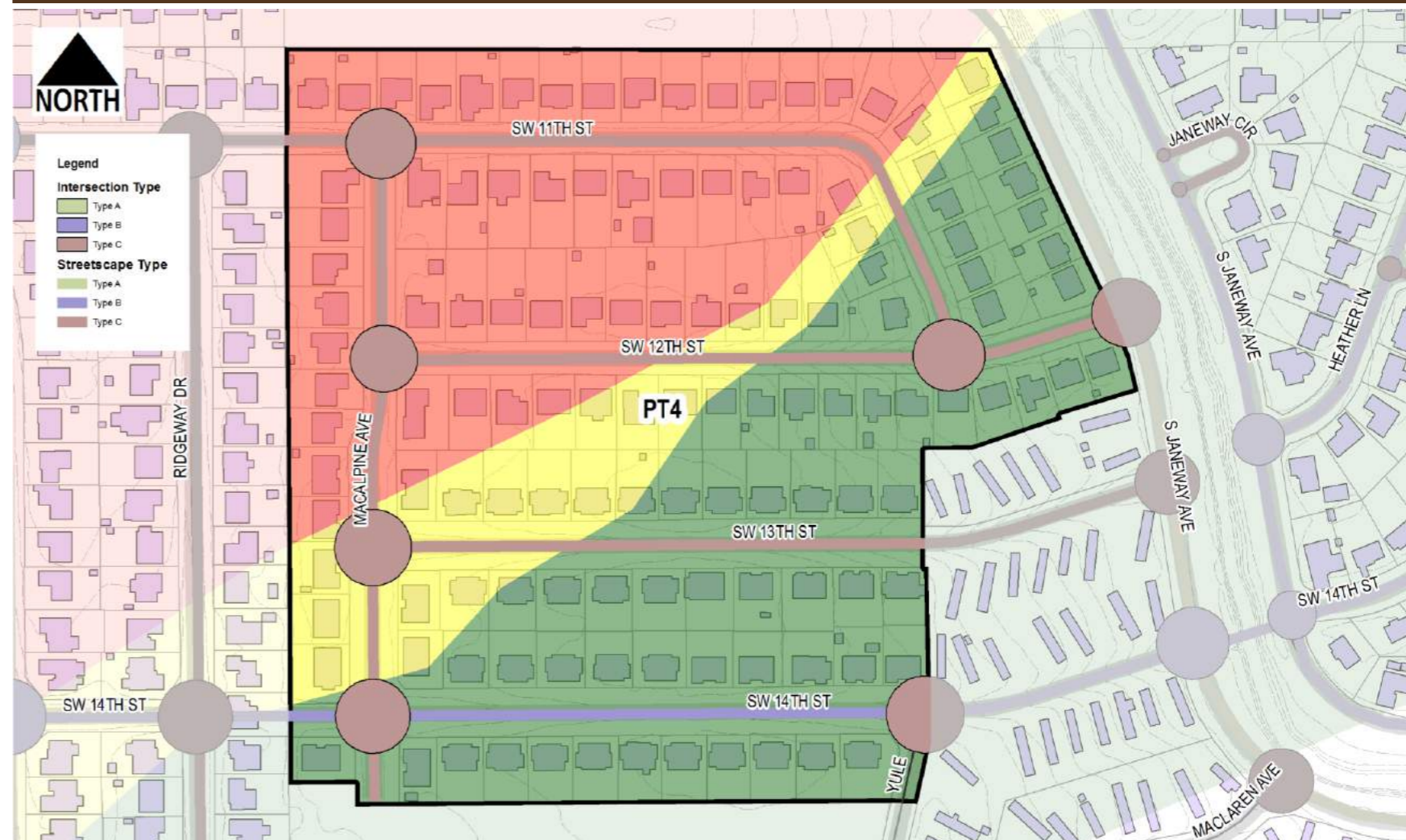
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55: Census Block Group	40027.2016.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	0	0.00	5.00	0.00	G8 - Streetscape: Option A (ft)	0	0.00	5.00	0.00
G2 - Intersection: Option B	0	0.00	3.00	0.00	G9 - Streetscape: Option B (ft)	996	0.19	3.00	0.56
G3 - Intersection: Option C	7	1.00	2.00	2.00	G10 - Streetscape: Option C (ft)	4279	0.81	2.00	1.62
Condition Score									4.18



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT4: STREETSCAPE AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **49.47**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	7422	74.22	0.10	7.42
Length of Collector Roadways within Sub-Area (ft)	5810	58.10	0.20	11.62
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	16			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	1000	10.00	0.10	1.00
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	1000	10.00	0.10	1.00
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				36.04

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55: Census Block Group	40027.2016.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.06	5.00	0.31	G8 - Streetscape: Option A (ft)	4035	0.30	5.00	1.52
G2 - Intersection: Option B	3	0.19	3.00	0.56	G9 - Streetscape: Option B (ft)	2973	0.22	3.00	0.67
G3 - Intersection: Option C	12	0.75	2.00	1.50	G10 - Streetscape: Option C (ft)	6765	0.51	2.00	1.02
Condition Score									5.60



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
PT5: STREETSCAPE AND INTERSECTION IMPROVEMENTS	1.00	5.00	5.00	
			Opportunity Score	5.00

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	115	1.15	0.10	0.12
Length of Collector Roadways within Sub-Area (ft)	46	0.46	0.20	0.09
Length of Arterial Roadways within Sub-Area (ft)	2632	26.32	0.30	7.90
Q55a1: Number of Intersections (ea)	4			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	2829	28.29	0.10	2.83
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	2829	28.29	0.10	2.83
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				23.76

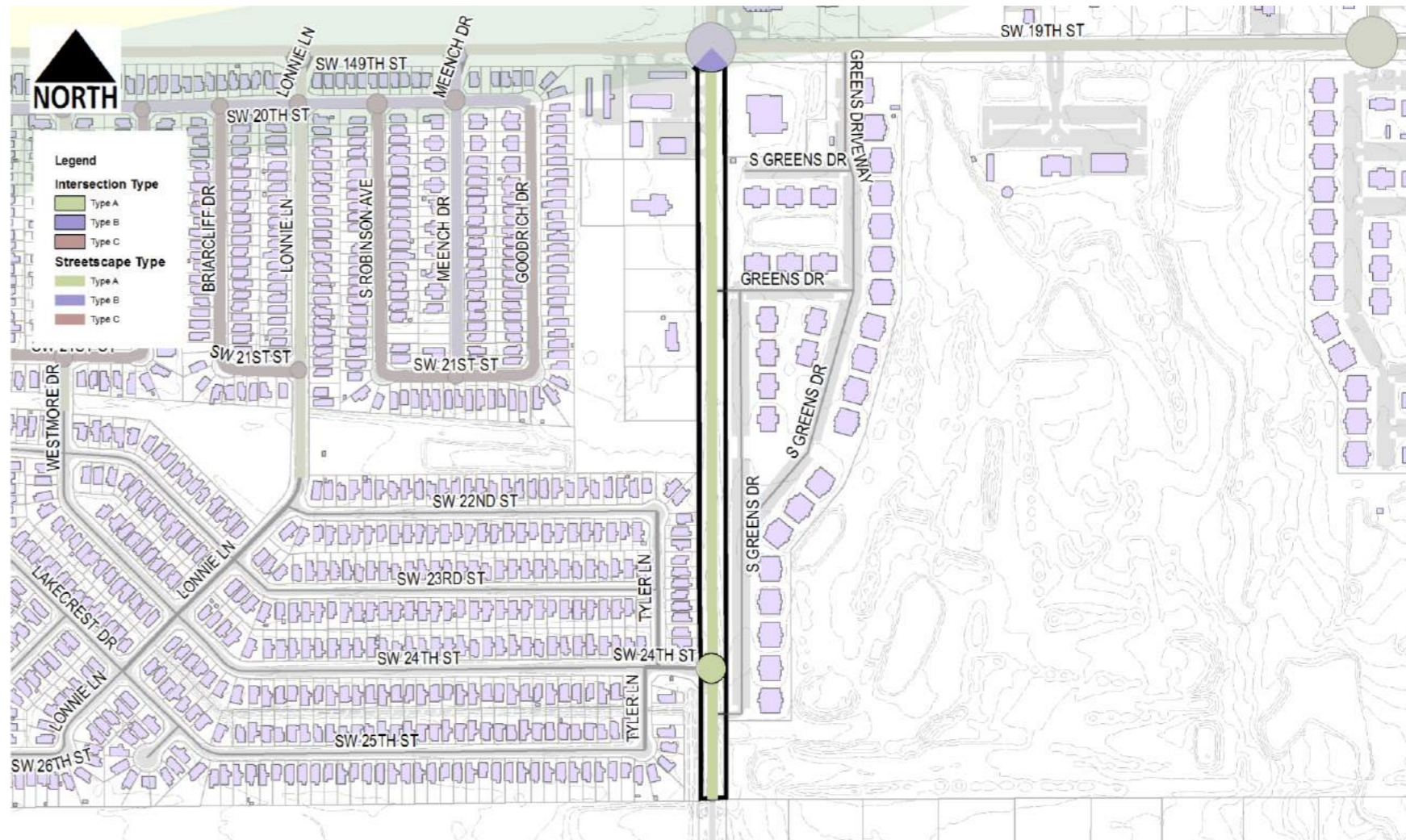
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2022.06.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.25	5.00	1.25	G8 - Streetscape: Option A (ft)	2621	0.94	5.00	4.69
G2 - Intersection: Option B	1	0.25	3.00	0.75	G9 - Streetscape: Option B (ft)	0	0.00	3.00	0.00
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									6.69



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
Assessment Sub-Area SF1
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score				
Project Description		Score	Weighting Factor	Score
No Projects Available		0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) 55.45



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

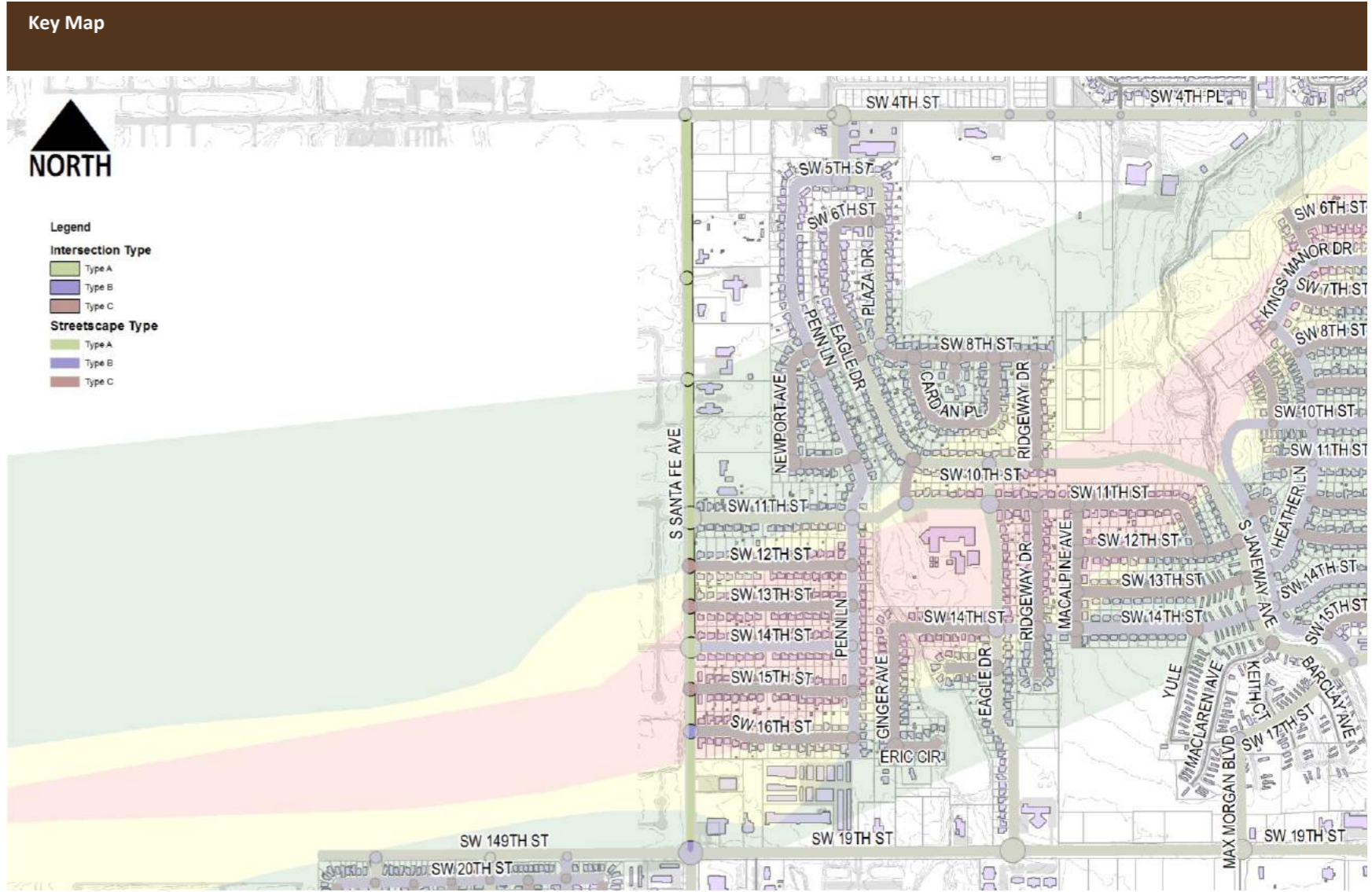
Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data	
Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data				
Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	224	2.24	0.10	0.22
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	5293	52.93	0.30	15.88
Q55a1: Number of Intersections (ea)	8			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	5539	55.39	0.10	5.54
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	2			
Length of Arterial Road Frontage per Sub-Area Entrance	2770	27.70	0.10	2.77
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				34.41

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00



Condition Analysis									
Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	7	0.88	5.00	4.38	G8 - Streetscape: Option A (ft)	5275	0.96	5.00	4.78
G2 - Intersection: Option B	2	0.25	3.00	0.75	G9 - Streetscape: Option B (ft)	15	0.00	3.00	0.01
G3 - Intersection: Option C	3	0.38	2.00	0.75	G10 - Streetscape: Option C (ft)	48	0.01	2.00	0.02
Condition Score									10.68



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: SANTA FE AND SW 14TH STREET	1.00	5.00	5.00	
GATEWAY: SANTA FE AND SW 11TH STREET	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **75.09**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	11173	111.73	0.10	11.17
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	25			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	3427	34.27	0.10	3.43
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	12			
Length of Arterial Road Frontage per Sub-Area Entrance	286	2.86	0.10	0.29
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	Yes	1.00	5.00	5.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00

Background Score 29.89

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00

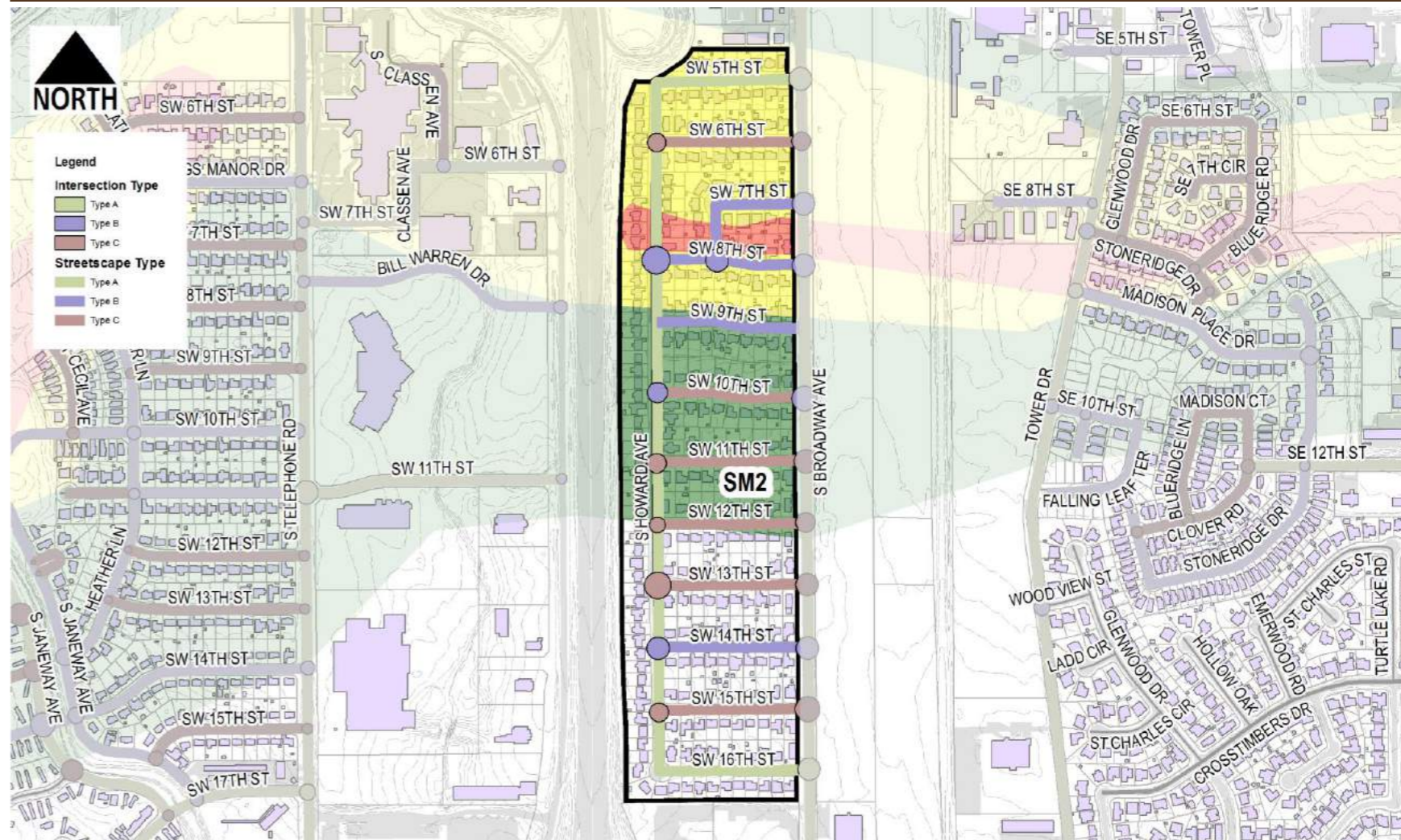
LMI Score 0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00

Recovery/Revitalization Score 15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	2	0.08	5.00	0.40	G8 - Streetscape: Option A (ft)	4494	0.40	5.00	2.01
G2 - Intersection: Option B	8	0.32	3.00	0.96	G9 - Streetscape: Option B (ft)	2572	0.23	3.00	0.69
G3 - Intersection: Option C	10	0.40	2.00	0.80	G10 - Streetscape: Option C (ft)	3899	0.35	2.00	0.70

Condition Score 5.56



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description		Score	Weighting Factor	Score
BR1: PEDESTRIAN IMPROVEMENTS AND GATEWAY AT SW 7TH STREET AND BROADWAY AV		1.00	5.00	5.00
SM2: STREETScape AND INTERSECTION IMPROVEMENTS		1.00	5.00	5.00
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **65.45**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	746	7.46	0.10	0.75
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	2			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	883	8.83	0.10	0.88
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	0			
Length of Arterial Road Frontage per Sub-Area Entrance	0	0.00	0.10	0.00
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				6.63

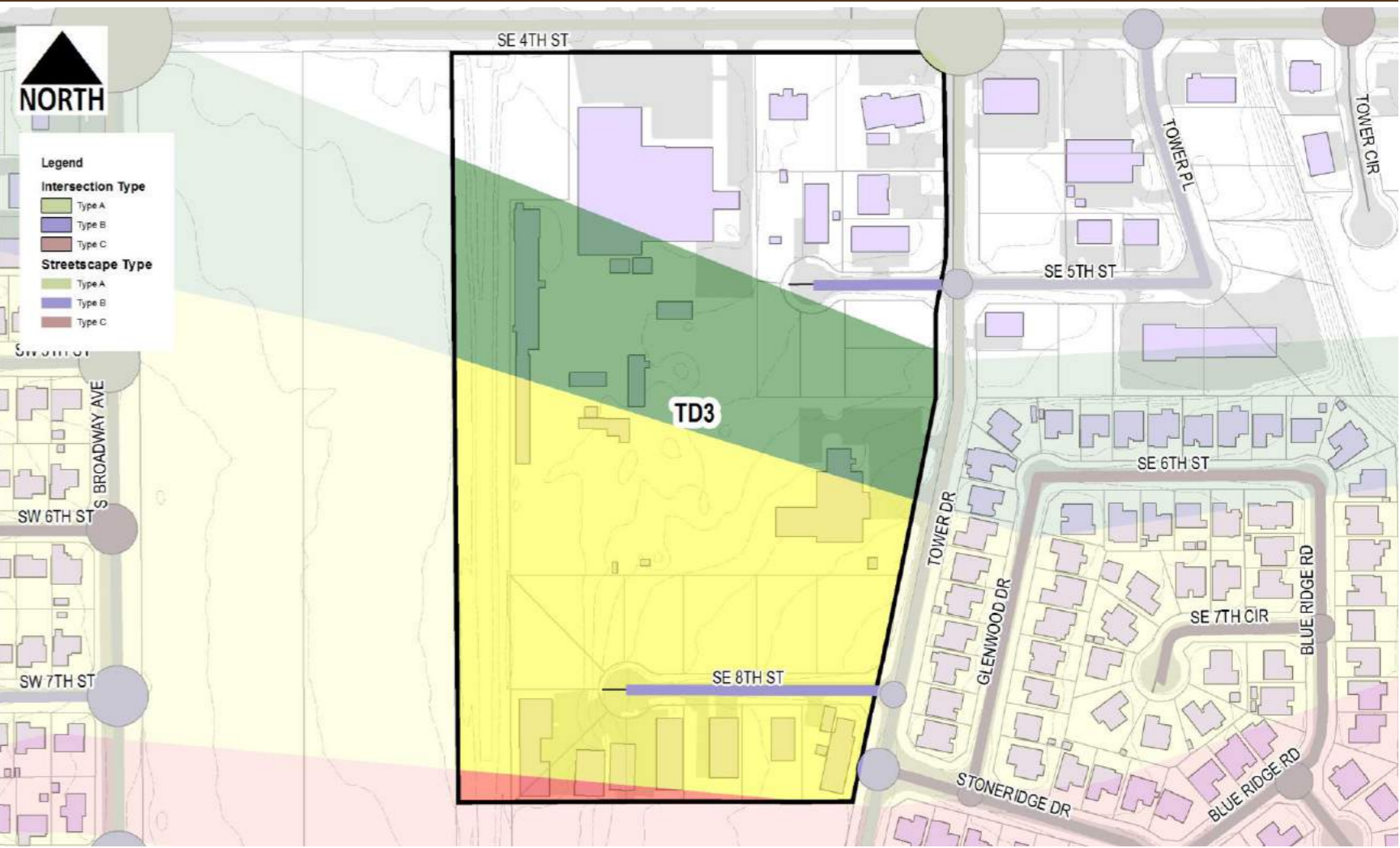
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	1	0.50	5.00	2.50	G8 - Streetscape: Option A (ft)	0	0.00	5.00	0.00
G2 - Intersection: Option B	2	1.00	3.00	3.00	G9 - Streetscape: Option B (ft)	660	0.88	3.00	2.65
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									8.15



Sustainability

Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
Sustainability Score				5.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
No Projects Available	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **24.78**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	594	5.94	0.10	0.59
Length of Collector Roadways within Sub-Area (ft)	90	0.90	0.20	0.18
Length of Arterial Roadways within Sub-Area (ft)	5334	53.34	0.30	16.00
Q55a1: Number of Intersections (ea)	16			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	5584	55.84	0.10	5.58
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	2			
Length of Arterial Road Frontage per Sub-Area Entrance	2792	27.92	0.10	2.79
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				35.15

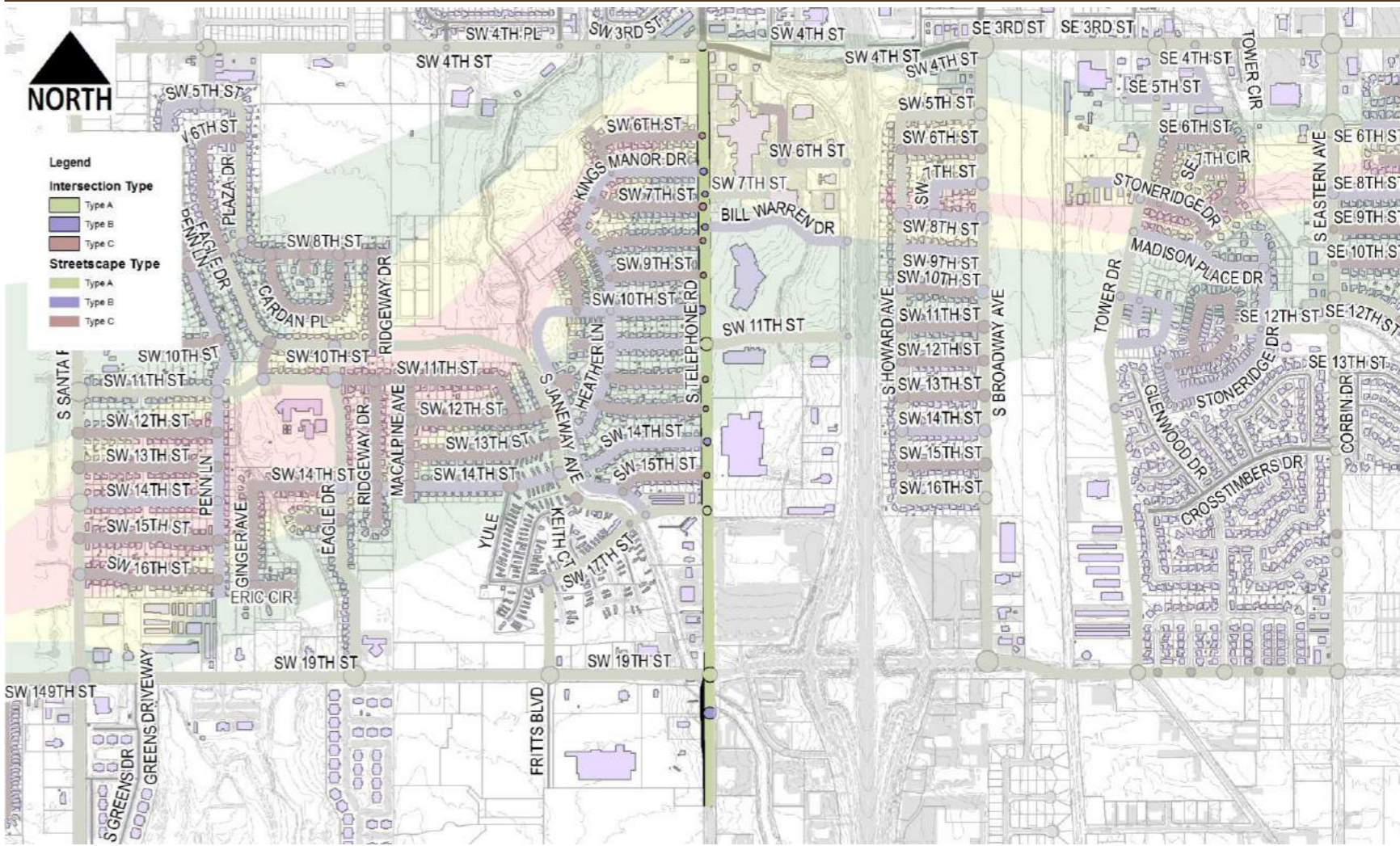
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.2	1.00	5.00	5.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				10.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	6	0.38	5.00	1.88	G8 - Streetscape: Option A (ft)	12875	2.14	5.00	10.70
G2 - Intersection: Option B	7	0.44	3.00	1.31	G9 - Streetscape: Option B (ft)	239	0.04	3.00	0.12
G3 - Intersection: Option C	8	0.50	2.00	1.00	G10 - Streetscape: Option C (ft)	296	0.05	2.00	0.10
Condition Score									15.10



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
Assessment Sub-Area TP1
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: S. TELEPHONE RD. & SW 11TH ST.	1.00	5.00	5.00	
GATEWAY: S. TELEPHONE RD. & KINGS MANOR DR.	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **90.25**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	273	2.73	0.10	0.27
Length of Collector Roadways within Sub-Area (ft)	3051	30.51	0.20	6.10
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	8			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	159	1.59	0.10	0.16
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	1			
Length of Arterial Road Frontage per Sub-Area Entrance	159	1.59	0.10	0.16
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				16.69

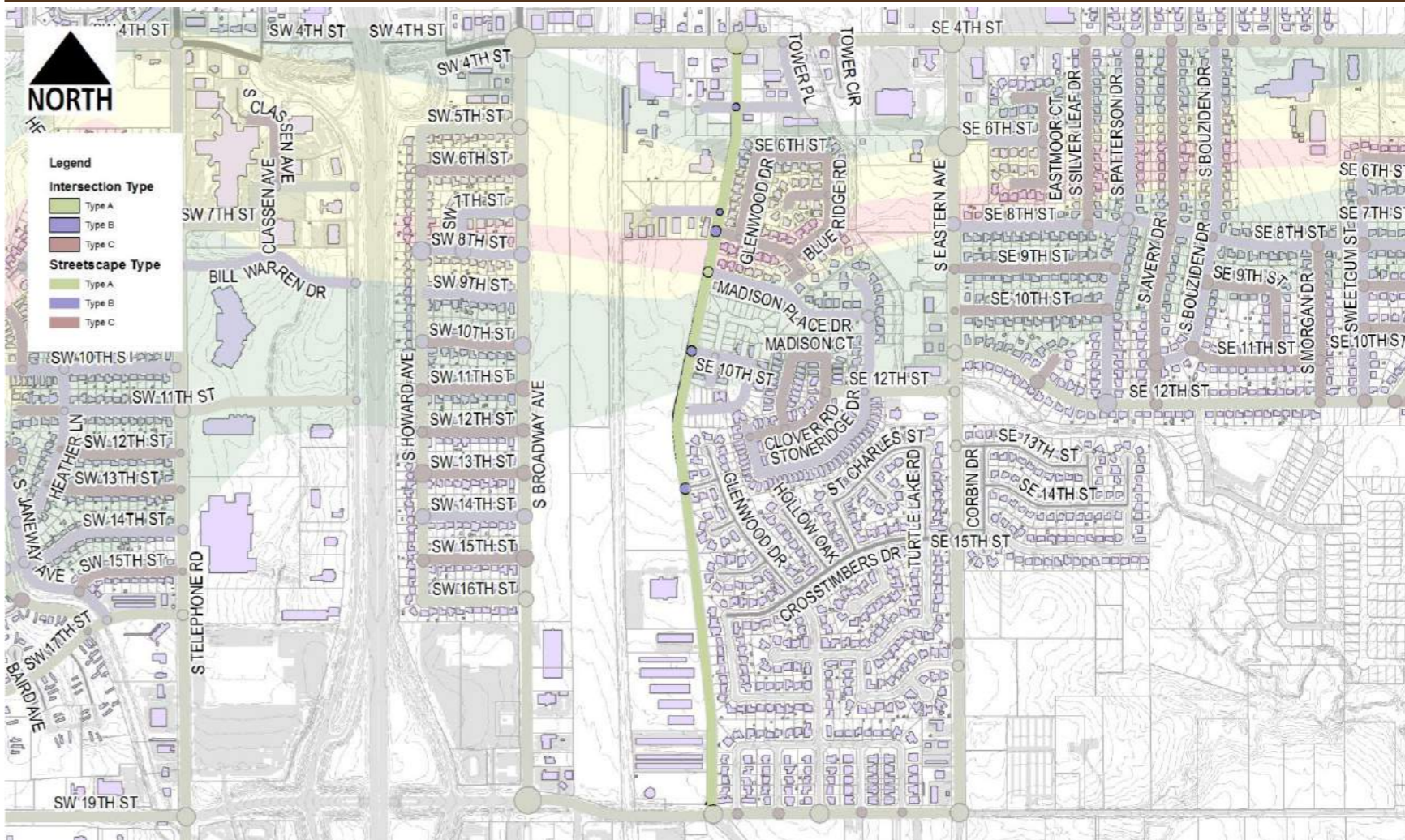
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2021.04.1	0.00	5.00	0.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	Yes	1.00	10.00	10.00
Q58: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				15.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	4	0.50	5.00	2.50	G8 - Streetscape: Option A (ft)	5233	1.57	5.00	7.87
G2 - Intersection: Option B	6	0.75	3.00	2.25	G9 - Streetscape: Option B (ft)	159	0.05	3.00	0.14
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	33	0.01	2.00	0.02
Condition Score									12.78



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
GATEWAY: TOWER DR. & MADISON DR.	1.00	5.00	5.00	
GATEWAY: TOWER DR & STONERIDGE DR.	1.00	5.00	5.00	
			Opportunity Score	10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **59.48**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Gateway/Streetscape
 Exhibit: B.7

Assessment Data

Description	Value
Assessment By	N.Clair / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	3380	33.80	0.10	3.38
Length of Collector Roadways within Sub-Area (ft)	1090	10.90	0.20	2.18
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	10			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	525	5.25	0.10	0.53
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	3			
Length of Arterial Road Frontage per Sub-Area Entrance	175	1.75	0.10	0.18
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	Yes	1.00	5.00	5.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes	1.00	5.00	5.00
Background Score				16.26

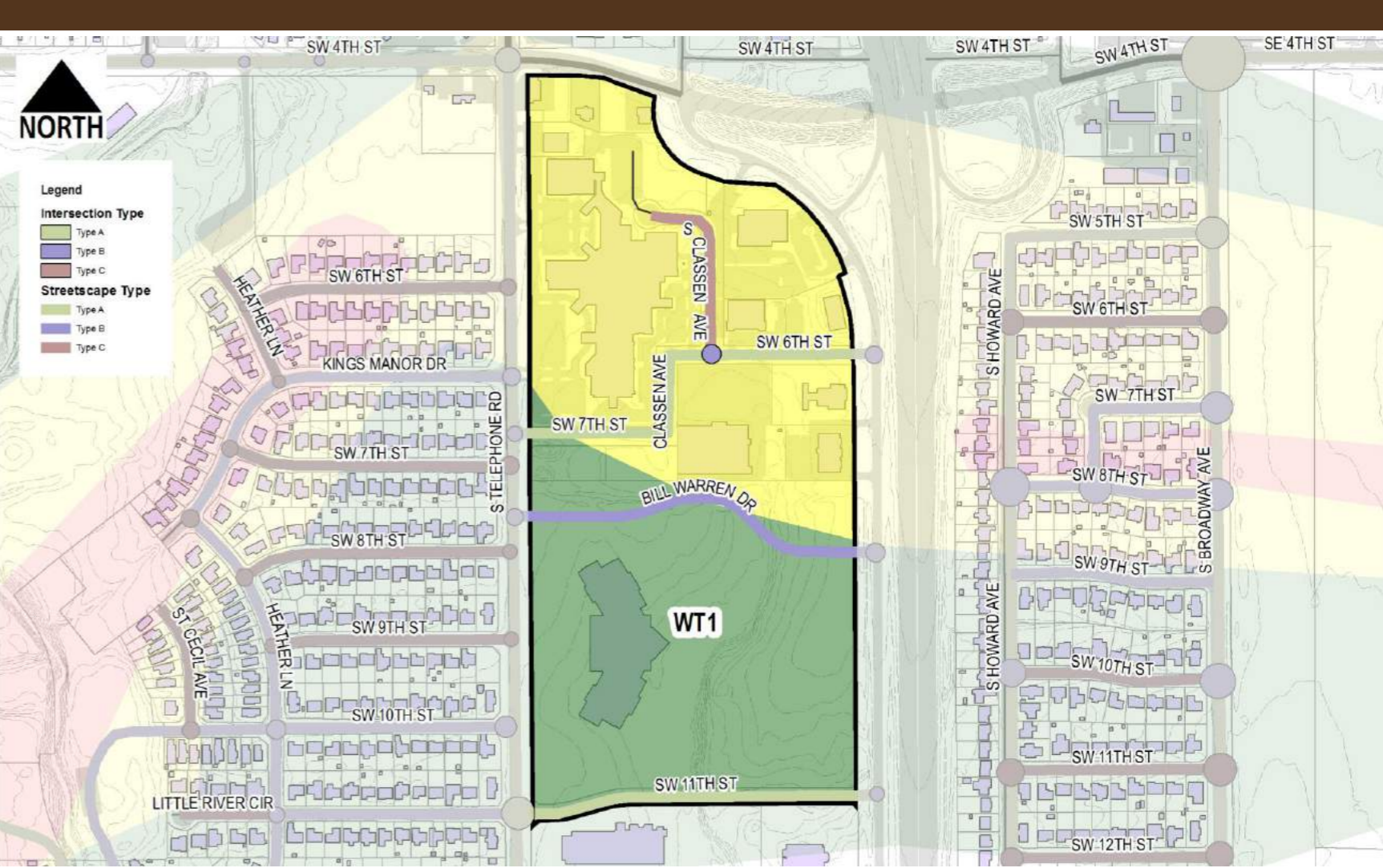
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.2	1.00	5.00	5.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	2	0.20	5.00	1.00	G8 - Streetscape: Option A (ft)	2426	0.54	5.00	2.71
G2 - Intersection: Option B	1	0.10	3.00	0.30	G9 - Streetscape: Option B (ft)	1158	0.26	3.00	0.78
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	622	0.14	2.00	0.28
Condition Score									5.07



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **31.33**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Warren Theater
Assessment Sub-Area WT3
Infrastructure Category Gateway/Streetscape
Exhibit B.7

Assessment Data

Description	Value
Assessment By	N.Claire / J. Cotton
Date Range of Assessment	

Background Data

Description	Value	Score	Weighting Factor	Score
Road Classification				
Length of Local Roadways in Sub-Area (ft)	0	0.00	0.10	0.00
Length of Collector Roadways within Sub-Area (ft)	0	0.00	0.20	0.00
Length of Arterial Roadways within Sub-Area (ft)	0	0.00	0.30	0.00
Q55a1: Number of Intersections (ea)	0			
Visibility / Traffic Patterns				
Total Arterial Road Frontage (ft)	493	4.93	0.10	0.49
Q55a2: Points of Entrance from Arterial Street into Assessment Sub-Area (ea)	0			
Length of Arterial Road Frontage per Sub-Area Entrance	0	0.00	0.10	0.00
Identity				
Q55b: Sub-Area is associated with distinct portion of community or district	No	0.00	5.00	0.00
Q55c: Sub-Area perimeter adjacent to neighboring municipality	No	0.00	0.00	0.00
Aesthetic				
Q55d: Sub-Area/Arterial Road Interface lacks a consistent design or appearance	No	0.00	5.00	0.00
Q55e: Roads interior to Sub-Area lack a consistent design or appearance	No	0.00	5.00	0.00
Background Score				0.49

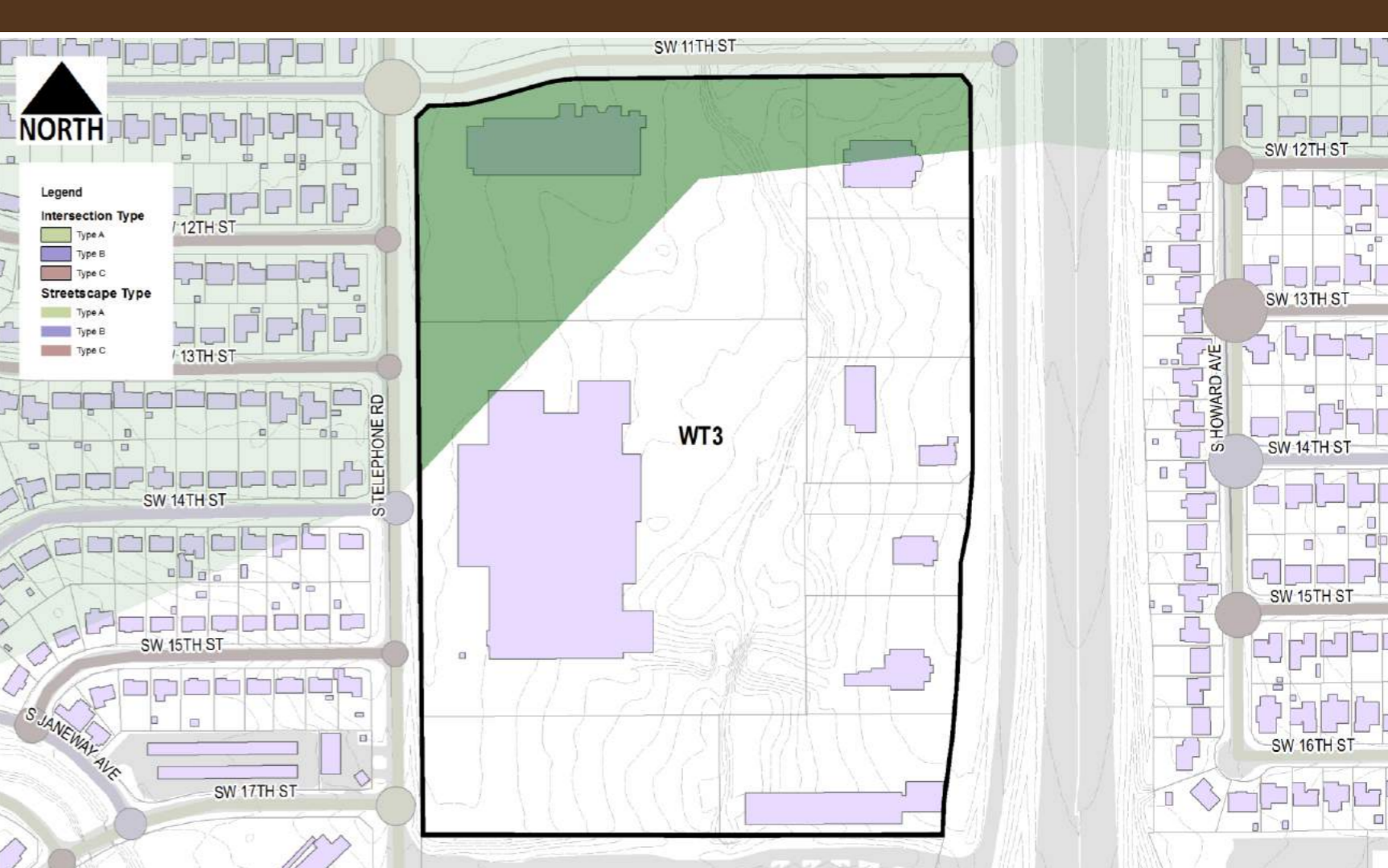
LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q55f: Census Block Group	40027.2016.04.2	1.00	5.00	5.00
Q56: Improvements to Infrastructure would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				5.00

Long Term Recovery / Economic Revitalization

Description	Value	Score	Weighting Factor	Score
Q57: Opportunity to improve community aesthetic	No	0.00	10.00	0.00
Q58: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Key Map



Condition Analysis

Description	Quantity	Fraction of Total	Weighting Factor	Score	Description	Quantity	Fraction of Total	Weighting Factor	Score
G1 - Intersection: Option A	0	0.00	5.00	0.00	G8 - Streetscape: Option A (ft)	0	0.00	5.00	0.00
G2 - Intersection: Option B	0	0.00	3.00	0.00	G9 - Streetscape: Option B (ft)	0	0.00	3.00	0.00
G3 - Intersection: Option C	0	0.00	2.00	0.00	G10 - Streetscape: Option C (ft)	0	0.00	2.00	0.00
Condition Score									0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Gateway/Streetscape
 Exhibit B.7

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q59: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
No Projects Available	0.00	0.00	0.00	

Infrastructure Photographs



Infrastructure Rating Index (IRI)

5.49

Appendix K

Oklahoma Tornado Disaster & Related Events

Final Report

August 6th, 2013



Overview

The following is a report to HUD's Office of Block Grant Assistance resulting from technical assistance provided by TDA, Inc. in regard to the Oklahoma Tornadoes.

On May 20, 2013 a massive, mile-wide tornado with winds up to 200 mph killed at least 51 people during 40 terrifying minutes of destruction across southern Oklahoma City and its suburbs. The catastrophic storm, commonly referred to as the Moore, OK tornado, was actually part of a series of 30 tornadoes and related events (flooding and straight-line winds) that struck central Oklahoma this spring damaging or destroying over 4,000 homes, a hospital, two elementary schools, commercial strips, a major park – and causing an estimated \$670 million in damages.

In response to the Moore and Oklahoma City tornadoes, the primary events of the natural disaster, HUD directed TDA, Inc. to provide a two-phase delivery of technical assistance designed to assist those entitlement grantees: first, to determine interim assistance that can respond to the events; and second to plan for disaster recovery in their communities. (The technical assistance is authorized under a OneCPD Work Plan: Oklahoma CDBG TA-#TDA-O-11-008-04.)

A team of consultants began delivering the assistance on June 18th -- less than a month after the May tornadoes -- at a kick-off meeting convened by the Oklahoma HUD Field Office. Over the past five weeks, this early intervention offered representatives of the City of Moore, the City of Oklahoma City and the State of Oklahoma timely guidance on strategies to gather complete information on the disaster's impacts (both direct and indirect), to address the disaster with upfront planning and engagement of all stakeholders as well as to prepare for implementing recovery activities.

Because FEMA could not completely assess the storm's damage and turned to the Oklahoma HUD Field Office for help, the team also assisted HUD in presenting this full picture of the conditions resulting from the disaster.

The report first offers a description of the natural disaster, listing the tornadoes and related events. It maps the tornadoes' paths, relates the disaster impacts to the Oklahoma's CDBG entitlement communities (as well as the rest of the state), and provides damage assessments from local and state Emergency Management reports. The damage assessment identifies numbers of structures impacted by the events – housing as well as commercial, infrastructure, public facilities, public utilities, equipment, parks and recreational and public buildings. Included in the housing damage assessment are figures verified by a damage verification team from the Oklahoma HUD Field Office. After the report characterizes the damages, it estimates the damage's cost by category and by entitlement community. Lastly, the report, describes consideration of plans for Oklahoma communities to build back better and stronger with robust mitigation and resiliency initiatives.

Description of Events/Damage

The Oklahoma tornadoes and related events include not only the Moore, OK tornado, but a total of 14 impacting events that occurred during a 45-day period (from April 14-May 31, 2013). Causing the most death and destruction, the tornado that first struck Moore on May 20th, was sandwiched between two sets of storms – one set the preceding day and another 11 days later. These three sets of events include:

1. Tornadoes on May 19th, 2013

- Arcadia (EF 0; 0 fatalities; .3 miles in length)
- Carney, Luther and Prague (EF 3, 0 fatalities, 20 miles in length)
- Edmond and OKC (EF 1, 0 fatalities, 7 miles in length)
- Little Axe, OKC and Shawnee (EF 4, 2 fatalities, 20 miles in length)

2. Tornado on May 20th, 2013

- New Castle, Moore, and OKC (EF 5, 23 fatalities, 17.5 miles in length & 1.3 miles wide)

3. Tornadoes & Flashfloods on May 31st, 2013

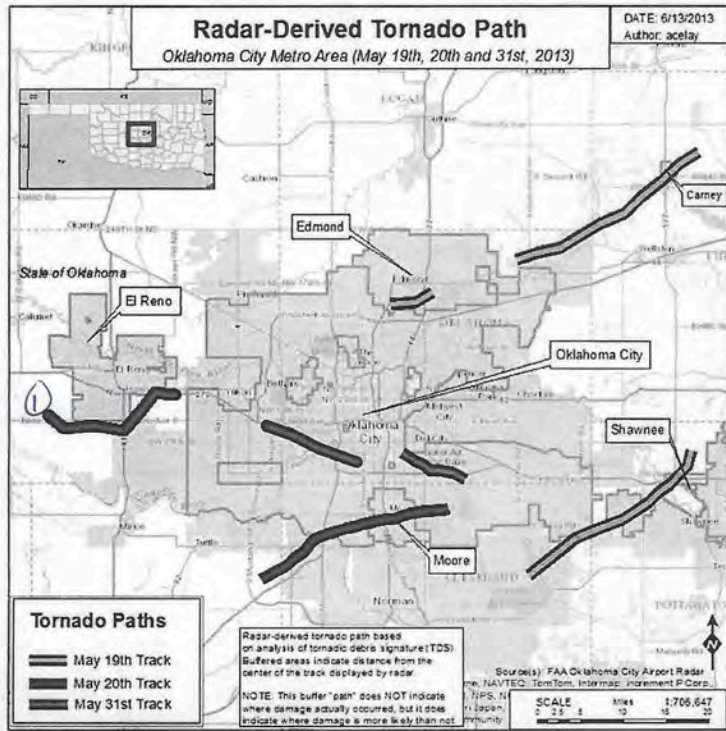
- El Reno, Southwest OKC and Southeast OKC tornadoes (EF 5/1, 9 fatalities); OKC flash floods

These storms' impacts resulted in an initial Presidential Disaster Declaration and amendments covering a large set of effected communities in Oklahoma -- specifically these 4 cities and 6 counties:

- Moore, Oklahoma City, Edmond, and Shawnee
- Canadian, Cleveland, Lincoln, McClain, Oklahoma, Pottawatomie.

Appendix A presents a comparison of all 14 events with affected areas, noting whether they are CDBG entitlement communities or non-entitlement communities.

Appearing below is a map of the tornadoes' paths for the three sets of events listed on the preceding page.



In addition to these events, tornadoes caused 2 fatalities and extensive damage on April 14th in mostly rural sections of Central Oklahoma. These events are identified in [Appendix B](#). They were either covered in the initial Disaster Declaration or the most recent amendment and added the following counties: Atoka, Coal, Hughes, Latimer, Nowata, and Pittsburg, Pushmataha, and Seminole Counties.

Damage assessments completed by local and state Emergency Management

Services report significant damage in Moore, OK and nearby sections of southwestern Oklahoma City resulting from the May 20th tornado. Widespread damage is also reported from the related events and activities.

Taken together, the set of natural disasters have caused major impacts to the affected communities. A detailed account by jurisdiction appears on the following pages.

City of Moore

Having been struck by the May 20th tornado, the central event in the set of three severe storms, Moore suffered by far the most damage in a large area characterized by extensive destruction.



A recap of the event and the City's damage assessment report follow:

Event:

May 20th New Castle, Moore, OKC Tornado (EF 5; 23 fatalities; Length 17.5 miles; Width 1.3 miles);

Initial declaration; <http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

Damage:

A report provided by Moore on July 7th indicates 2,091 homes destroyed; 265 homes with major damage; 445 homes with minor damage; and an additional 369 homes affected.



Two schools (including the Plaza Towers elementary school shown here); a school administration building; a hospital; and two commercial strips were destroyed or severely damaged. A total of 90 businesses were also damaged or destroyed.

A major park containing a memorial was also destroyed.

As noted above, Moore suffered the loss of a 24-hour operating hospital managed by the Norman Regional Health System.



(The hospital is a total loss as shown here.)

Plans for rebuilding the hospital are under consideration.

The two commercial strips in Moore included a bowling alley that was completely destroyed.

(A photograph of the bowling alley appears here.)



While initial damage assessments properly focused on housing units, subsequent investigation has revealed substantial damages to commercial structures.

Damage to public facilities was not significant, but did include the above mentioned park which features a Veterans Memorial. Plans are underway to rebuild that park.

The number of structures damaged by the tornado appears in the table below:

Moore

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
SINGLE FAMILY	369	445	265	1,012	2,091
MOBILE HOME	0	0	0	0	0
APARTMENT	0	0	0	0	0
BUSINESS	12	39	2	37	90
PUBLIC FACILITIES	0	0	1	3	4
Total	381	484	268	1,052	2,185

City of Oklahoma City

Oklahoma City was impacted by all three of the major storm-related events: two tornadoes and a flash flood. The May 20th tornado caused significant damage, but the other events were destructive as well. A recap of the events and the City's Office of Emergency Management damage assessment report follows separately for each event:

Event #1:

May 19th Arcadia Tornado (EF 0; 0 fatalities; Length .3 miles; Width 200 yards); Arcadia part of OKC; Initial declaration; <http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

May 19th Carney, Luther, Prague Tornado (EF 1; 0 fatalities; Length 7 miles; Width Unknown); Portion within OKC's City limits; Initial declaration; <http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

May 19th Little Axe Tornado (EF 4; 0 fatalities; Length 20 miles; Width Unknown); Portion within OKC's City limits. Initial declaration; <http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

Damage:

A report provided by Oklahoma City July 11th indicates the following:

OKC 1

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
Single Family	12	2	1	1	16
Mobile Home	8	2	2	2	14
Apartment	0	0	0	0	0
Business	0	0	0	0	0
Public Facilities	1	0	0	0	1
Total	21	4	3	3	31

Event #2:

May 20th New Castle, Moore, OKC Tornado (EF 5; 23 fatalities; Length 17.5 miles; Width 1.3 miles). Portion within OKC’s City limits; Initial declaration;

<http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

Damage:

A report provided by Oklahoma City July 11th indicates the following:

OKC 2

TYPE	AFFECTED	MINOR
Single Family	267	114
Mobile Home	0	0
Apartment	0	0
Business	3	0
Public Facilities	0	0
Total	270	114

Event #3:

May 31st SW OKC Tornado (EF 1; 0 fatalities; Length .4 miles; Width: 250 yards); Included in Amendment 5; <http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

May 31st SE OKC Tornado (EF 1; 0 fatalities; Length 10 miles; Width: 250 yards); Included in Amendment 5; <http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

May 31st Flash Floods (2 fatalities); Damage within OKC including public housing development flooded; public buildings flooded; infrastructure damaged; Included in Amendment 5

Damage:

A report provided by Oklahoma City July 11th indicates the following:

OKC 3

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
Single Family	424	10	1	0	435
Mobile Home	120	12	4	0	136
Apartment	83	3	6	0	92
Business	60	23	11	0	94
Public Facilities	7	0	0	0	7
Total	694	48	22	0	764

For Oklahoma City, the three events -- Event #1, Event #2 and Event #3 -- caused significant damages to housing. A total of 1,833 housing units were damaged within the city limits.

Housing damages from the New Castle, Moore, OKC Tornado (Event #2) occurred along a path spanning the eastern border of Moore.

(The destruction of a house pictured here is typical of the damage.)



City of Edmond

Edmond was impacted by a tornado in the first event that struck the area touching ground in the northern suburb of Oklahoma City and causing minor damage.

Event:

May 19th Edmond, OKC Tornado (EF 1; 0 fatalities; Length 7 miles; Width: Unknown); Location adjacent to OKC's City limits; Initial declaration;

<http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

Damage:

A report provided by Edmond on July 3rd indicates the following:

Edmond

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
Single Family	45	85	5	0	135
Mobile Home	0	0	0	0	0
Apartment	0	0	0	0	0
Business	0	0	0	0	0
Public Facilities	0	0	0	0	0
Total	45	85	5	0	135

City of Shawnee

Shawnee was impacted by a tornado in the first event that struck the area touching ground in the nearby community of Oklahoma City and causing considerable damage, particularly to a rural section within the city limits.

Event:

May 19th Little Axe, OKC and Shawnee Edmond, OKC Tornado (EF 4; 2 fatalities; Length 20 miles; Width Unknown; Location adjacent to OKC's City limits; Initial declaration;

<http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

Damage:

A report provided by Shawnee on July 9th indicates the following:

Shawnee

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
Single Family	2	22	12	18	54
Mobile Home	0	0	0	0	0
Apartment	0	0	0	0	0
Business	0	0	0	0	0
Public Facilities	0	0	0	1	1
Total	2	22	12	18	55

City of Norman

In addition, Norman was impacted by a tornado in the first event that struck the area touching ground in the nearby community of Oklahoma City and causing limited damage.

Event:

May 19th Little Axe, OKC and Shawnee Edmond, OKC Tornado (EF 4; 2 fatalities; Length 20 miles; Width Unknown; Location adjacent to OKC’s City limits; Initial declaration;
<http://www.srh.weather.gov/oun/?n=tornadodata-ok-2013>

Damage:

A report provided by Norman on July 26th indicates the following:

Norman

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
Single Family	97	43	16	13	170
Mobile Home	0	0	0	0	0
Apartment	0	0	0	0	0
Business	0	0	0	0	0
Public Facilities	0	0	0	0	0
Total	97	43	16	13	170

Balance of State

A large number of structures were damaged in the state of Oklahoma outside the above-named local jurisdictions. This “balance of the state” damage includes Pottawatomie County near Shawnee; Cleveland County near Norman; Okmulgee; as well as Okfuskee and Le Flore counties. Emergency management officials did not report the balance of state damage by type of structure. Damaged structures were assumed to be single family or mobile homes and have been categorized as single family housing. (Damages to the housing units were verified by the Oklahoma HUD Field Office.) A total of 391 housing units were included in the reports. Most notable is a 90-unit mobile home park near Shawnee.

As of this writing, official damage reports have not been received from rural Atoka, Coal, Hughes, Latimer, Nowata, Pittsburg, Pushmataha, and Seminole Counties. Of these, Atoka County press reports indicate 100 homes or commercial structures were damaged or destroyed. See [Appendix B](#) for details on those damages.

Balance of State

TYPE	AFFECTED	MINOR	MAJOR	DESTROYED	TOTALS
Single Family	40	163	70	117	391
Mobile Home	0	0	0	0	0
Apartment	0	0	0	0	0
Business	0	0	0	0	0
Public Facilities	0	0	0	0	0
Total	0	0	0	0	391

Damage to the rural areas outside the local jurisdictions is represented by the photograph that appears here depicting the tornado's impact to mobile homes.



Based on the numbers of structures damaged or destroyed, the Oklahoma tornadoes and related events represent a catastrophe of major proportions. The following summary table presents damages to structures caused by all events throughout the Presidential declared disaster areas.

DAMAGE SUMMARY					
Type	Affected	Minor	Major	Destroyed	Totals
Single Family	859	879	579	1,607	3,924
Mobile Home	128	14	7	3	152
Apartment	83	3	6	0	92
Business	75	62	14	42	193
Public Facilities	8	0	1	5	14
Total	1,153	958	607	1,657	4,375

Estimated Cost of Damages

In response to the Oklahoma tornado disaster and related events, the team compiled estimates of the storm damage in cooperation with the affected jurisdictions. Community Development staff in those jurisdiction conferred with their Offices of Emergency Management and other local government offices. They provided estimates for the cost of the damages to structures identified in the previous section of this report.

The resulting estimates are limited to direct damages resulting from the three set of events. Because rural counties of Oklahoma have simply not reported damages at a level of detail sufficient to permit a detailed cost estimate by category, the table below reflect damages reported by the local jurisdictions and only the portion of the balance of state captured by those jurisdictions. The cost estimates do not cover the rural counties.

DAMAGE COST ESTIMATE BY CATEGORY (Millions of Dollars)							
Category	Edmond	Moore	OKC	Norman	Shawnee	Balance of State	Totals
Housing	\$2.2	\$159.7	\$83.6	\$3.8	\$3.4	\$22.2	\$274.9
Commercial	0	\$84.8	\$16.0	0	0	0	\$100.9
Infrastructure	\$.1	\$110.3	\$68.8		.5	0	\$179.7
Public Utility	\$.1	\$15.0	0	0	0	0	\$15.1
Public Facilities							
- Equipment	0	0.7	1.5	0	0	0	2.2
- Parks & Rec	0	12.8	0.1	0	0	0	12.8
- Public Bldgs	0	70.3	7.5	0	.2	0	78.0
Subtotal		\$83.8	\$9.10		\$.2		\$93.0
Totals	\$2.4	\$453.5	\$177.6	\$3.8	\$4.1	\$22.2	\$663.7

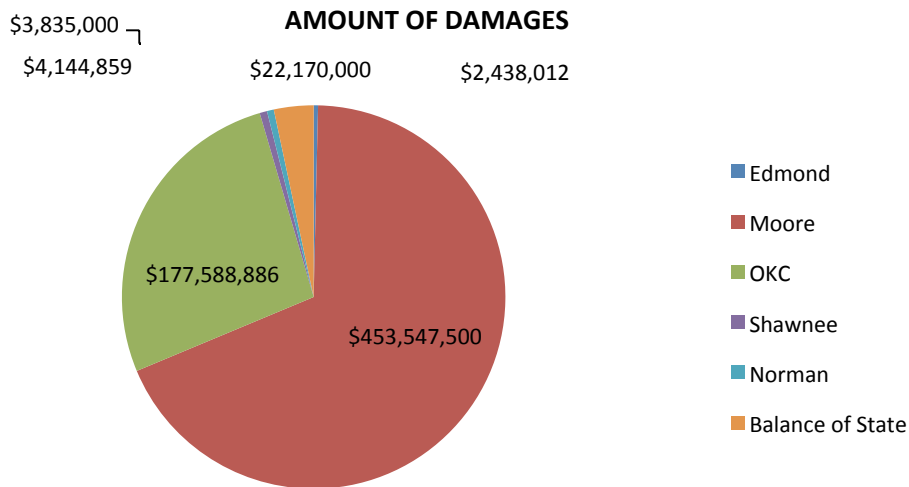
As noted above, the damage estimate by category does not include the complete balance of the state. However, the team can provide a single estimate for the additional cost of the damages reported, but not verified, by assuming 1% of the all damages have not been reported. The cost estimate for unreported damages in the balance of state is an additional \$6.6 million.

Adding the \$6.6 million cost estimate of unreported damages in the balance of state to the estimate of all reported damages presented in the above table, this report can summarize a gross total of estimated damages for the entire disaster area:

Overall, the affected entitlement communities and counties comprising the balance of state report approximately \$670 million in direct damages from the Oklahoma tornadoes and related events.

Ninety-five percent (95%) of the damages currently reported are concentrated in Moore and Oklahoma City. Because the local jurisdictions of Shawnee, Edmond and Norman report relatively small

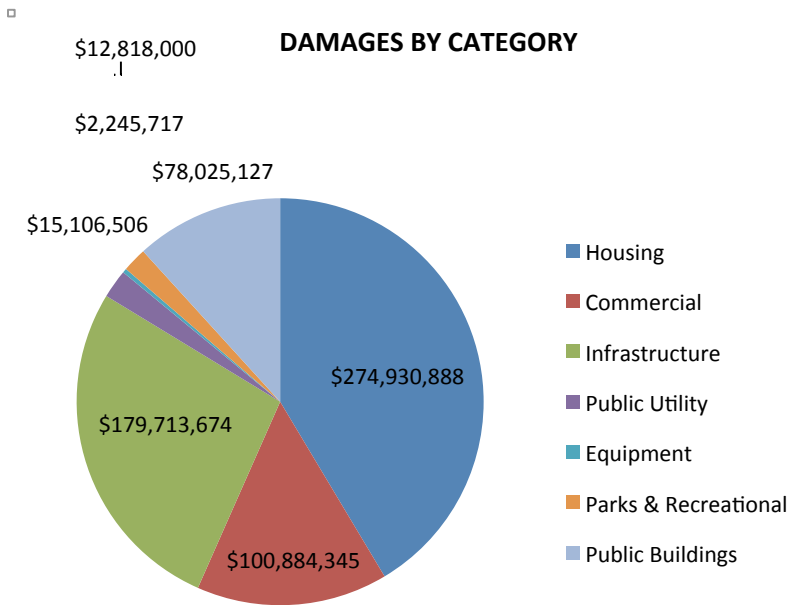
percentages of the total damages, the balance of state portion is the third largest percentage of the damages.



As damages from currently unreported rural counties are added to the totals,

the balance of state portion of the damages is likely to rise.

The chart here provides a breakdown of units by FEMA category of damage type. Total estimated housing damages exceed \$274 million. With the addition housing damages from unreported counties and in the balance of the state, the numbers are expected to increase.



The housing damages represent forty-one percent (41.4%) of the damages reported.

Twenty-seven percent (27%) were to infrastructure damages and fifteen percent (15.2%) were damages to commercial property.

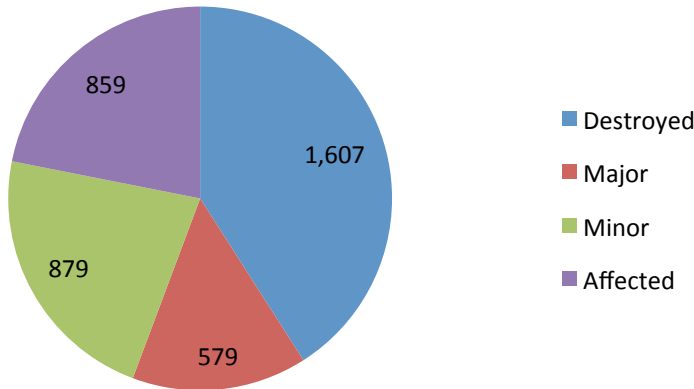
A breakdown of public facilities appears here including: equipment; parks & recreational facilities; and public buildings.

As noted previously, the damaged public buildings were two schools (including the Plaza Towers elementary school and a school administration building in Moore).

As indicated earlier, damage cost estimates include housing damages reported to FEMA by the local jurisdiction's Offices of Emergency Management and verified by the Oklahoma HUD Field Office.

□ This report concludes that over 4,375 homes were damaged or destroyed by the tornadoes and related events, including at least 3,928 units of housing that were reported to the Field Office.

**HOUSING UNIT DAMAGES
(By FEMA Category)**



A majority of the units are in Moore (58.3%) followed by Oklahoma City (30.2%).

The largest portion of damaged housing units were destroyed and they are mostly located in Moore.

Mitigation and Resiliency

The totality of events occurring in Oklahoma has led to a robust local discussion of the need for mitigation and resiliency at the State and local level. During the technical assistance engagement, both Moore and Oklahoma City have embraced the need for mitigation and resiliency measures. The primary problem for all entities is the expected cost of mitigation and resiliency. A detailed account of this discussion appears on the following pages.

Public Schools

The Moore Public School System includes three (3) high schools, five (5) junior high schools (grades 7-8), twenty-three (23) elementary schools, and an alternative school, for a total of thirty-one (31) schools. In total, the Moore school system serves 22,500 students and employs 1,400 teachers and at least 750 support staff¹.

The Oklahoma City Public School system includes twenty-one (21) high schools, seventeen (17) middle schools (grades 7-8), ninety-eight (98) elementary schools, and five (5) other schools, for a total of 141 schools. The Oklahoma City school system contains at least four unified school districts, some of which serve the City and adjacent areas².

The cost of placing a safe room in a public school which will hold both students and staff ranges from \$400,000 to \$600,000 a school³. If a safe room were constructed for every school in Moore and Oklahoma City, the range of costs would be between \$69 million and \$105 million. Statewide (including both Moore and Oklahoma City) there are approximately 2,225 schools⁴. The range of costs to provide a safe room in every school statewide would be between \$890 million and \$1.35 billion.

The Governor has initiated a public private partnership with the intent of raising an undetermined amount of funds toward addressing the need for public school based safe rooms. The Governor has publically stated she will veto any attempt to mandate storm rooms/shelters; however, the Governor is looking to a public/private partnership for safe rooms/shelters for schools. The partnership is being led by the Council on Foundations (COF). Conceptually, the Governor wants to combine 50% state and federal funds with 50% private sector funds brought in by the school systems or the COF to make the partnership work. COF reports \$1.3 million in donations as of June 30th.

¹ City of Moore: Schools and Education: <http://www.cityofmoore.com/education>

² City-Data: <http://www.city-data.com/school/Oklahoma-City-Oklahoma.html>

³ Local estimates provided by Moore & Oklahoma City

⁴ Oklahoma Department of Education:

http://www.ok.gov/sde/about/swsd?field_county_name_tid=All&field_district_name_tid=All&field_site_level_tid=All&page=88



Residential Safe Rooms

The State operates a safe room/shelter lottery which provides a tax rebate for participation. The tax rebate is approximately 25% of the cost. The program is oversubscribed by 20,000. The average lottery quota is 300 units a year. Even with this limitation the Safe Room/Shelter installation backlog is now nine months.

A safe room that survived the Moore Tornado is shown here clearly demonstrating the effectiveness of safe rooms.

The F5 Moore tornado came through the area pictured and this \$4,200 safe room saved the family who lived there. Both Moore and Oklahoma



City have embraced the concept of building safe rooms as part of a mitigation/resiliency effort. However, the local political situation does not support a mandate requiring safe rooms due to cost considerations.

As noted earlier, the Governor has gone as far as to promise a veto of any legislative initiative at the State level to mandate safe rooms for newly constructed homes. Moore City Council also expressed skepticism and tabled a proposal by the Moore Mayor to require safe rooms in new construction or reconstruction. Moore and Oklahoma City; however, have expressed interest in a program associated with disaster recovery activities that might defray the cost of safe rooms in reconstructed homes. Also, Moore is considering changes to its building codes that would address resiliency to weather situations and increased safety. They have hired an architect to assist with the research and the writing of the code changes that would tie down roofs and fasten studs.

Moore has approximately 20,000 households, of which approximately 2,250 are households residing in multifamily properties⁵, leaving a net of approximately 17,750 single family households. FEMA approved safe rooms that hold six (6) persons cost between \$3,200 and \$4,200, indicating an effort to build safe rooms for every single family home would cost between \$67 million and \$72 million.

The multifamily properties are largely low rise town home type developments which suggest 24 person shelters at a cost of \$25,000 each. The net need would be at least 94 safe rooms at a rough cost of \$2.3 million.

Oklahoma City has approximately 225,000 households, of which approximately 58,500 are households residing in multifamily properties⁶, leaving a net of approximately 166,500 single family households. FEMA approved safe rooms that hold six (6) persons cost between \$3,200 and \$4,200, indicating an effort to build safe rooms for every single family home would cost between \$632 million and \$699 million. The multifamily properties are largely low rise town home type developments which suggest 24 person shelters at a cost of \$25,000 each. The net need would be at least 2,438 safe rooms at a rough cost of \$61 million.

Building Codes

The City of Moore has created an advisory group made up of various key stakeholders (architects, builders, council members) who are tasked with recommending building code updates to the City's building code ordinance. These additional building codes will add to the resiliency of houses built in Moore to support potential for surviving as a minimum an F3 tornado.

⁵ US Census Bureau Quick Facts; Moore, OK

⁶ US Census Bureau Quick Facts; Oklahoma City, OK

Other

Both Moore and Oklahoma City are interested in creating or building safe rooms in existing public facilities and other areas and have made very preliminary estimates of cost. Both cities recognize infrastructure improvement and resiliency measures are important to the long term mitigation of tornado damages. Oklahoma City also has concerns regarding the impact of flash floods and resiliency measures which might mitigate the impacts of flooding.

For Further Information

The City of Moore and other jurisdictions all contributed useful information for this report. Not all facts and figures were included in order to keep the report as brief as possible. For further information, the team suggests that anyone who is interested in additional details contact those jurisdictions directly for written reports that they have completed with regard to their respective needs.

Appendix A

The tables below are based on NOAA data. Explanations are placed in context by responsible party in the next section. Explanation data is partially NOAA, partially press reports.

Entitlements

Date/Event	OKC	Edmond	Moore	Shawnee
May 19 th Edmond Tornado		X		
May 19 th Little Axe-OKC-Shawnee Tornado	X			X
May 20 th New Castle – Moore – OKC Tornado	X		X	
May 20 th SW OKC Tornado (SW 79th /Western)	X			
May 31 st SE OKC Tornado (0.5 Miles ENE SW 59th/Penn; 4 Miles SSW Downtown OKC)	X			
May 31 st OKC Flash Floods	X			

Non-Entitlements

Date/Events	Atoka	Canadian	Cleveland	Coal	Latimer	Le Flore	Lincoln	McClain	Nowata	Okfuskee	Oklahoma	Okmulgee	Pittsburg	Pottawatomie	Pushmataha
April 14 th Atoka (7)	X														
April 14 th Talihina					X	X									
April 14 th Poteau						X									
April 14 th Howe						X									
April 14 th Delaware									X						
April 14 th Welty – Nuyaka										X		X			
April 14 th Weathers													X		
April 14 th Bache													X		
April 14 th Jumbo															X
April 14 th Clayton 1															X
April 14 th Clayton 2															X
May 19 th Little Axe-OKC-Shawnee			X								X			X	
May 19 th Carney-Luther							X				X				



Non-Entitlements (Continued)

Date/Events	Atoka	Canadian	Cleveland	Coal	Le Flore	Latimer	Lincoln	McClain	Nowata	Okfuskee	Oklahoma	Okmulgee	Pittsburg	Pottawatomie	Pushmataha
May 19 th Prague Tornado							X			X		X		X	
May 19 th Cameron Tornado					X										
May 20 th New Castle – Moore – OKC Tornado			X					X			X				
May 20 th SW OKC Tornado (SW 79th /Western) *											X				
May 20 th Coal Tornado				X											
May 31 st Talala Tornado									X						
May 31 st Watova Tornado									X						
May 31 st SE OKC Tornado (0.5 Miles ENE SW 59th/Penn; 4 Miles SSW Downtown OKC)											X				
May 31 st El Reno Tornado		X													
May 31 st Yukon Tornado		X													
May 31 st Flash Floods **											X				

* Portions of Oklahoma County are outside of OKC.

** Flash Flood impacts are not clear outside of OKC.

Appendix B

Atoka County

Atoka County was hit by a total of seven (7) tornadoes on April 14th. Press reports indicate as many as 100 homes and businesses and one school were destroyed in and near Tushka; Included in Amendment 7 to the Disaster Declaration.

Event Date	County	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Atoka	EF 3	2	17 m	1,320 y	3 E Boggy Depot (5 WSW Tushka) - Tushka - 3 SE Atoka - curving to ~2 E Stringtown
April 14 th	Atoka Pushmataha Pittsburg	EF 1	0	14 m	1,100 y	0.8 S Daisy - 4.5 SE Weathers
April 14 th	Atoka	EF 1	0	.5 m	125 y	1.8 SE - 2 SE Daisy
April 14 th	Atoka	EF 1	0	4 m	100 y	3 WNW - 2 NNE Tushka
April 14 th	Atoka	EF 1	0	2 m	400 y	4 SE - 4 ESE Atoka
April 14 th	Atoka	EF 1	0	4 m	500 y	1.5 NE Redden - 1.3 WSW Daisy
April 14 th	Atoka	EF 1	0	14 m	1,100 y	0.8 S Daisy - 4.5 SE Weathers

Latimer County

No damage reports available; Included in Amendment 7

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Latimer Le Flore	EF 1	0	5 m	600 y	4.6 WSW - 0.5 NNW Talihina

Le Flore County

Three events; No damage estimates available; Included as part of Amendment 6.

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14th	Latimer Le Flore	EF 1	0	5 m	600 y	4.6 WSW - 0.5 NNW Talihina
April 14th	Le Flore	EF 1	0	7	440 y	2.9 SSE Wister - 3.2 S Poteau
April 14th	Le Flore	EF 1	0	1.5 m	300 y	2.1 WSW - 1.7 NW Howe

Nowata County

Includes one tornado; No damage reports available; Included in Amendment 7; News reports indicate another tornado went through the area on April 30th destroying a mobile home and damaging a number of homes. No NOAA data available on April 30th event

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Nowata Washington	EF 1	0	1.6 m	200 y	7.2 ESE - 8.5 W Delaware

Okfuskee County

One tornado; Included in initial declaration;

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Okfuskee Okmulgee	EF 1	0	11 m	100 y	0.5 S Haydenville - 4 N Nuyaka

Okmulgee County

No damage reports available; Included in Amendment 7

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Okfuskee Okmulgee	EF 1	0	11 m	100 y	0.5 S Haydenville - 4 N Nuyaka

Pittsburg County

Two events; No damage reports available; Included in Amendment 7

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Atoka Pushmataha Pittsburg	EF 1	0	14 m	1,100 y	0.8 S Daisy - 4.5 SE Weathers
April 14 th	Pittsburg	EF 1	0	5.5 m	300 y	5.9 S - 2.2 SE Bache

Pushmataha County

A total of four events on April 14th; Areas identified as Oleta, Corinne & Sobol; No damage information; Included in Amendment 7;

Event Date	Counties	Designation	Fatalities	Length in Miles	Width in Yards	Path
April 14 th	Atoka Pushmataha Pittsburg	EF 1	0	14 m	1,100 y	0.8 S Daisy - 4.5 SE Weathers
April 14 th	Pushmataha	EF 1	0	3 m	400 y	0.5 WSW - 2.6 ENE Jumbo
April 14 th	Pushmataha	EF 2	0	7 m	1,000 y	10.5 SW - 3.7 WSW Clayton
April 14 th	Pushmataha	EF 1	0	14 m	1,100 y	7.5 NW - 7.1 NW Clayton



Appendix C

The table below is based on a FEMA report that has compiled information on applications received for individual assistance through July 2013.

County	Total Apps	Owners		Renters		Insured		Uninsured	
		Count	%	Count	%	Count	%	Count	%
Canadian (County)	1,054	833	79.0%	216	20.5%	631	59.9%	423	40.1%
Cleveland (County)	8,485	6,005	70.8%	2,437	28.7%	5,382	63.4%	3,103	36.6%
Le Flore (County)	35	31	88.6%	4	11.4%	14	40.0%	21	60.0%
Lincoln (County)	183	163	89.1%	20	10.9%	98	53.6%	85	46.4%
McClain (County)	94	87	92.6%	7	7.4%	75	79.8%	19	20.2%
Okfuskee (County)	46	39	84.8%	7	15.2%	23	50.0%	23	50.0%
Oklahoma (County)	4,305	2,096	48.7%	2,185	50.8%	1,415	32.9%	2,890	67.1%
Okmulgee (County)	79	62	78.5%	17	21.5%	37	46.8%	42	53.2%
Pottawatomie (County)	575	482	83.8%	90	15.7%	331	57.6%	244	42.4%
Totals	14,856	9,798	66.0%	4,983	33.5%	8,006	53.9%	6,850	46.1%

Description of Information Collection	Number of respondents	Responses per year	Total annual responses	Hours per response	Total hours
HUD 96011—Facsimile Transmittal (OMB No. 2535–0118)	350	1	350	0.50	175
HUD–2991—Certification of Consistency with the Consolidated Plan	350	1	350	0.50	175
(OMB No. 2506–0112)	350	1	350	1	350
Sample Budget/Matching Form	350	1	350	24	8400
Jobs Plus Pilot Application—Narrative(Strategy, Approach, Capacity)	350	1	350	3	1050
HUD 96010—Logic Model (OMB No. 2535–0114)	350	1	350		
Subtotal (Application)				31	10,850
Partnership Agreement (American Job Center)	12	1	12	1	12
Budget Worksheet	12	1	12	1	12
HUD–1044—Grant Agreement*	12	1	12	1	12
Annual Performance Report (Narrative and Data)—Quarterly	12	4	48	1	192
HUD–50058—Family Report (OMB No. 2577–0083)	12	1	12	1	12
Subtotal (Program Reporting/Recordkeeping)				5	240
Total				36	11,090

B. Solicitation of Public Comment

This notice is soliciting comments from members of the public and affected parties concerning the collection of information described in Section A on the following:

(1) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information will have practical utility;

(2) The accuracy of the agency's estimate of the burden of the proposed collection of information;

(3) Ways to enhance the quality, utility, and clarity of the information to be collected; and

(4) Ways to minimize the burden of the collection of information on those who are to respond; including through the use of appropriate automated collection techniques or other forms of information technology, e.g., permitting electronic submission of responses.

HUD encourages interested parties to submit comment in response to these questions.

Authority: Section 3507 of the Paperwork Reduction Act of 1995, 44 U.S.C. Chapter 35.

Dated: May 27, 2014.

Merrie Nichols-Dixon,

Deputy Director, Office of Policy, Programs and Legislative Initiatives.

[FR Doc. 2014–12729 Filed 6–2–14; 8:45 am]

BILLING CODE 4210–67–P

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

[Docket No. FR–5696–N–09]

Second Allocation, Waivers, and Alternative Requirements for Grantees Receiving Community Development Block Grant (CDBG) Disaster Recovery Funds in Response to Disasters Occurring in 2013

AGENCY: Office of the Assistant Secretary for Community Planning and Development, HUD.

ACTION: Notice.

SUMMARY: This Notice advises the public of a second allocation for the purpose of assisting recovery in the most impacted and distressed areas identified in major disaster declarations in calendar year 2013. This is the fifth allocation of Community Development Block Grant disaster recovery (CDBG–DR) funds under the Disaster Relief Appropriations Act, 2013 (Pub. L. 113–2). In addition to an initial allocation for disasters occurring in 2013, prior allocations addressed the areas most impacted by Hurricane Sandy, as well as the areas most impacted by disasters occurring in 2011 or 2012. In prior **Federal Register** Notices, the Department described the allocations, relevant statutory provisions, the grant award process, criteria for Action Plan approval, eligible disaster recovery activities, and applicable waivers and alternative requirements. This Notice builds upon the requirements of those notices.

DATES: *Effective Date:* June 9, 2014.

FOR FURTHER INFORMATION CONTACT: Stan Gimont, Director, Office of Block Grant Assistance, Department of Housing and

Urban Development, 451 7th Street, SW., Room 7286, Washington, DC 20410, telephone number 202–708–3587. Persons with hearing or speech impairments may access this number via TTY by calling the Federal Relay Service at 800–877–8339. Facsimile inquiries may be sent to Mr. Gimont at 202–401–2044. (Except for the “800” number, these telephone numbers are not toll-free.) Email inquiries may be sent to *disaster_recovery@hud.gov*.

SUPPLEMENTARY INFORMATION:

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- I. Allocation
- II. Use of Funds
- III. Timely Expenditure, and Prevention of Fraud, Abuse, and Duplication of Benefits
- IV. Grant Amendment Process
- V. Applicable Rules, Statutes, Waivers, and Alternative Requirements
- VI. Mitigation and Resilience Methods, Policies, and Procedures
- VII. Catalog of Federal Domestic Assistance
- VIII. Finding of No Significant Impact
- Appendix A: Allocation Methodology

I. Allocation

The Disaster Relief Appropriations Act, 2013 (Pub. L. 113–2, approved January 29, 2013) (Appropriations Act) made available \$16 billion in Community Development Block Grant (CDBG) funds for necessary expenses related to disaster relief, long-term recovery, restoration of infrastructure and housing, and economic revitalization in the most impacted and distressed areas resulting from a major disaster declared pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1974 (42 U.S.C. 5121 *et seq.*) (Stafford Act), due to Hurricane Sandy and other eligible

events in calendar years 2011, 2012, and 2013.

On March 1, 2013, the President issued a sequestration order pursuant to section 251A of the Balanced Budget and Emergency Deficit Control Act, as amended (2 U.S.C. 901a), and reduced funding for CDBG–DR grants under the Appropriations Act to \$15.18 billion. To date, a total of \$11.2 billion has been allocated— \$10.5 billion in response to Hurricane Sandy, \$514 million in response to disasters occurring in 2011

or 2012, and \$128.5 million in response to 2013 disasters. This Notice advises the public of a second allocation for 2013 disasters— \$436.6 million is provided for the purpose of assisting recovery in the most impacted and distressed areas in Colorado, Illinois and Oklahoma. As the Appropriations Act requires funds to be awarded directly to a State or unit of general local government (hereinafter, local government), the term “grantee” refers

to any jurisdiction receiving a direct award from HUD under this Notice.

To comply with statutory direction that funds be used for disaster-related expenses in the most impacted and distressed areas, HUD computes allocations based on the best available data that cover all the eligible affected areas. Based on further review of the impacts from Presidentially-declared disasters that occurred in 2013, and estimates of remaining unmet need, this Notice provides the following awards:

TABLE 1—ALLOCATIONS FOR DISASTERS OCCURRING IN 2013

Grantee	Second allocation	First allocation	Total
State of Colorado	\$199,300,000	\$62,800,000	\$262,100,000
State of Illinois	6,800,000	3,600,000	10,400,000
City of Chicago, IL	47,700,000	4,300,000	52,000,000
Cook County, IL	54,900,000	13,900,000	68,800,000
Du Page County, IL	18,900,000	7,000,000	25,900,000
State of Oklahoma	83,100,000	10,600,000	93,700,000
City of Moore, OK	25,900,000	26,300,000	52,200,000
Total	436,600,000	128,500,000	565,100,000

As outlined in Table 2, to ensure funds provided under this Notice address unmet needs within the “most impacted and distressed” counties, each local government receiving a direct award under this Notice must expend its entire CDBG–DR award within its jurisdiction (e.g., Cook County must expend all funds within Cook County, excluding the city of Chicago; the city of Chicago must expend all funds in the city of Chicago, including the portions of Cook and Du Page counties located within the city’s jurisdiction). The State of Oklahoma may expend funds (from both the first and/or second allocations)

in areas it identifies as most impacted within any county that was declared a major disaster in 2011, 2012 or 2013, but must spend at least \$41.2 million within Cleveland, and Creek Counties. The State of Illinois may expend funds in areas it identifies as most impacted within any county that was declared a major disaster in 2011, 2012 or 2013. The State of Colorado must expend at least 80 percent of its funds in the most impacted counties of Boulder, Weld and Larimer but may expend up to \$52.4 million (combined first and second allocations) in other counties having a declared major disaster in 2011, 2012 or

2013. The following link provides access to maps showing declared disasters in each state, by year: <http://www.fema.gov/disasters/grid/state-tribal-government>. The opportunity for certain grantees to expend a portion of their allocations outside the most impacted and distressed counties identified by HUD enables those grantees to respond to highly localized distress identified via their own data. A detailed explanation of HUD’s allocation methodology is provided at Appendix A.

TABLE 2—MOST IMPACTED AND DISTRESSED COUNTIES WITHIN WHICH FUNDS MAY BE EXPENDED

Grantee	Most impacted and distressed counties	Minimum percentage that must be expended in most impacted and distressed counties
State of Colorado	Boulder, Weld and Larimer	80
State of Illinois	Cook and Du Page	0
City of Chicago	City of Chicago; portions of the city in Cook and Du Page	100
Cook County	Cook	100
Du Page County	Du Page	100
State of Oklahoma	Cleveland, Creek	44
City of Moore	City of Moore; portions of the city in Cleveland	100

II. Use of Funds

This Notice builds upon the requirements of the **Federal Register** Notices published by the Department on March 5, 2013 (78 FR 14329), April 19, 2013 (78 FR 23578), and December 16, 2013 (76 FR 76154), referred to

collectively in this Notice as the “Prior Notices”. The Prior Notices can be accessed through the OneCPD Web site at <https://www.onecpd.info/cdbg-dr/cdbg-dr-laws-regulations-and-federal-register-notices/>. In addition, the following links provide direct access to

the Prior Notices: <http://www.gpo.gov/fdsys/pkg/FR-2013-03-05/pdf/2013-05170.pdf>, <http://www.gpo.gov/fdsys/pkg/FR-2013-04-19/pdf/2013-09228.pdf>, and <http://www.gpo.gov/fdsys/pkg/FR-2013-12-16/pdf/2013-29834.pdf>. The requirements of this Notice parallel

those established for other grantees receiving funds under the Appropriations Act in a **Federal Register** Notice published by the Department on November 18, 2013 (78 FR 69104) and located at: <http://www.gpo.gov/fdsys/pkg/FR-2013-11-18/pdf/2013-27506.pdf>

As a reminder, the Appropriations Act requires funds to be used only for specific disaster-recovery related purposes. This allocation provides additional funds to areas impacted by disasters in 2011, 2012 or 2013 for recovery, including mitigation and resilience as part of the recovery effort and directs grantees to undertake comprehensive planning to promote resilience as part of that effort. The law also requires that prior to the obligation of CDBG-DR funds, a grantee shall submit a plan detailing the proposed use of funds, including criteria for eligibility and how the use of these funds will address disaster relief, long-term recovery, restoration of infrastructure and housing, and economic revitalization in the most impacted and distressed areas. To access funds provided by the initial allocation, HUD has approved an Action Plan for each of the grantees identified as receiving funds in this Notice. Grantees are now directed to submit a substantial Action Plan Amendment in order to access funds provided in this Notice. For more guidance on requirements for substantial Action Plan Amendments, please see sections IV and V of this Notice.

Note that, as provided by the HCD Act, funds may be used as a matching requirement, share, or contribution for any other federal program when used to carry out an eligible CDBG-DR activity. However, pursuant to the requirements of the Appropriations Act, CDBG-DR funds may not be used for expenses reimbursable by, or for which funds are made available by FEMA or the United States Army Corps of Engineers (USACE).

In addition, sections V and VI of this Notice incorporate information developed in response to Hurricane Sandy that are also being applied to these disasters. Executive Order 13632 (published in the **Federal Register** at 77 FR 74341) established the Hurricane Sandy Rebuilding Task Force (Task Force) to: (1) ensure government-wide and region-wide coordination was available to assist communities in making decisions about long-term rebuilding; and (2) develop a comprehensive rebuilding strategy. The Task Force released the Hurricane Sandy Rebuilding Strategy (the Rebuilding Strategy) on August 19,

2013. The Rebuilding Strategy can be found at <http://portal.hud.gov/hudportal/documents/huddoc?id=HSRebuildingStrategy.pdf>. In recognition of the increased risk the nation faces from extreme weather events, the Rebuilding Strategy provides recommendations for both rebuilding more resiliently in the Sandy-affected region and improving the ability of communities to withstand and recover effectively from disasters across the country.

Section 5(b) of the executive order requires HUD, “as appropriate and to the extent permitted by law, [to] align [the Department’s] relevant programs and authorities” with the Rebuilding Strategy. Thus, this Notice applies elements of the Rebuilding Strategy so that grantees may build back stronger and more resilient through comprehensive planning and investing in mitigation efforts.

III. Timely Expenditure of Funds

The Appropriations Act requires that funds be expended within two years of the date HUD obligates funds to a grantee; and funds are obligated to a grantee upon HUD’s signing of a grantee’s CDBG-DR grant agreement. In its Action Plan, a grantee must demonstrate how funds will be fully expended within two years of obligation and HUD must obligate all funds not later than September 30, 2017. For any funds that the grantee believes will not be expended by the deadline and that it desires to retain, the grantee must submit a letter to HUD not less than 30 days in advance justifying why it is necessary to extend the deadline for a specific portion of funds. The letter must detail the compelling legal, policy, or operational challenges for any such waiver, and must also identify the date by when the specified portion of funds will be expended. The Office of Management and Budget (OMB) has provided HUD with authority to act on grantee waiver requests but grantees are cautioned that such waivers may not be approved. Approved waivers will be published in the **Federal Register**. Funds remaining in the grantee’s line of credit at the time of its expenditure deadline will be returned to the U.S. Treasury, or if before September 30, 2017, will be recaptured by HUD.

IV. Grant Amendment Process

To access funds allocated by this Notice grantees must submit a substantial Action Plan Amendment to their approved Action Plan. Any substantial Action Plan Amendment submitted after the effective date of this

Notice is subject to the following requirements:

- Grantee consults with affected citizens, stakeholders, local governments and public housing authorities to determine updates to its needs assessment; in addition, grantee prepares a comprehensive risk analysis (see section V.3.d. of this Notice);
- Grantee amends its citizen participation plan to reflect the requirements of this Notice (e.g., new requirement for a public hearing);
- Grantee publishes a substantial amendment to its previously approved Action Plan for Disaster Recovery on the grantee’s official Web site for no less than 30 calendar days and holds at least one public hearing to solicit public comment;
- Grantee responds to public comment and submits its substantial Action Plan Amendment to HUD (with any additional certifications required by this Notice) no later than 120 days after the effective date of this Notice;
- HUD reviews the substantial Action Plan Amendment within 60 days from date of receipt and approves the Amendment according to criteria identified in the Prior Notices and this Notice;
- HUD sends an Action Plan Amendment approval letter, revised grant conditions (may not be applicable to all grantees), and an amended unsigned grant agreement to the grantee. If the substantial Amendment is not approved, a letter will be sent identifying its deficiencies; the grantee must then re-submit the Amendment within 45 days of the notification letter;
- Grantee ensures that the HUD-approved substantial Action Plan Amendment (and updated Action Plan) is posted on its official Web site;
- Grantee signs and returns the grant agreement;
- HUD signs the grant agreement and revises the grantee’s line of credit amount;
- If it has not already done so, grantee enters the activities from its published Action Plan Amendment into the Disaster Recovery Grant Reporting (DRGR) system and submits it to HUD within the system;
- The grantee may draw down funds from the line of credit after the Responsible Entity completes applicable environmental review(s) pursuant to 24 CFR part 58 (or paragraph A.20 under section VI of the March 5, 2013 Notice) and, as applicable, receives from HUD or the state an approved Request for Release of Funds and certification;
- Grantee amends its published Action Plan to include its projection of expenditures and outcomes within 90

days of the Action Plan Amendment approval as provided for in paragraph 4.g. of section V of this Notice; and

- Grantee updates its full consolidated plan to reflect disaster-related needs no later than its Fiscal Year 2015 consolidated plan update.

V. Applicable Rules, Statutes, Waivers, and Alternative Requirements

The Appropriations Act authorizes the Secretary to waive, or specify alternative requirements for, any provision of any statute or regulation that the Secretary administers in connection with HUD's obligation or use by the recipient of these funds (except for requirements related to fair housing, nondiscrimination, labor standards, and the environment). Waivers and alternative requirements are based upon a determination by the Secretary that good cause exists and that the waiver or alternative requirement is not inconsistent with the overall purposes of title I of the HCD Act. Regulatory waiver authority is also provided by 24 CFR 5.110, 91.600, and 570.5.

This section of the Notice describes requirements imposed by the Appropriations Act, as well as applicable waivers and alternative requirements. For each waiver and alternative requirement described in this Notice, the Secretary has determined that good cause exists and the action is not inconsistent with the overall purpose of the HCD Act. The following requirements apply only to the CDBG-DR funds allocated in this Notice. Grantees may request additional waivers and alternative requirements to address specific needs related to their recovery activities. Except where noted, waivers and alternative requirements described below apply to all grantees under this Notice. Under the requirements of the Appropriations Act, regulatory waivers are effective five days after publication in the **Federal Register**.

1. *Incorporation of general requirements, waivers, alternative requirements, and statutory changes previously described.* Grantees are advised that general requirements, waivers and alternative requirements provided for and subsequently clarified or modified in the Prior Notices (published March 5, 2013, April 19, 2013, and December 16, 2013) apply to all funds under this Notice, except as modified herein. However, waivers and alternative requirements specific to one or more grantees only apply to those grantees. These waivers and alternative requirements described in the Prior Notices and this Notice provide

additional flexibility in program design and implementation to support resilient recovery following the 2013 disasters, while also ensuring that statutory requirements unique to the Appropriations Act are met.

2. *Eligible activities and uses of funds.* Each grantee's Action Plan Amendment must describe uses and activities that: (1) Are authorized under title I of the Housing and Community Development Act of 1974 (42 U.S.C. 5301 *et seq.*) (HCD Act) or allowed by a waiver or alternative requirement published in this Notice or the Prior Notices; (2) meet a national objective; and (3) respond to a disaster-related impact in a county eligible for assistance. As described in the Prior Notices, eligible activities and uses typically fall under one of the following categories—housing, infrastructure, or economic revitalization.

3. *Action Plan for Disaster Recovery waiver and alternative requirement—Infrastructure Programs and Projects.* Grantees are advised that HUD will assess the adequacy of a grantee's response to each of the elements outlined in this subsection as a basis for the approval of a substantial Action Plan Amendment that *includes* infrastructure programs and projects. Going forward, and with the submission of additional Action Plan Amendments that include an infrastructure program or project, grantees need not resubmit responses to elements approved by HUD unless warranted by changing conditions or if project-specific analysis is required. Section VI(A)(1) of the March 5, 2013 Notice ("Action Plan for Disaster Recovery waiver and alternative requirement"), as amended by the April 19, 2013 Notice, is modified to require:

a. *Applicability.* The following guidance and criteria are applicable to all infrastructure programs and projects in an Action Plan Amendment submitted to HUD after the effective date of this Notice. Infrastructure programs and projects funded pursuant to the Prior Notices and submitted in an Action Plan Amendment after the effective date of this Notice are also subject to these requirements. However, projects scheduled to receive funding through FEMA's Public Assistance Grant Program, and for which funds have been obligated by FEMA on or before the effective date of this Notice, are not subject to these requirements.

b. *Definition of an Infrastructure Project and Related Infrastructure Projects.*

(1) Infrastructure Project: For purposes of this Notice, an infrastructure project is defined as an

activity, or a group of related activities, designed by the grantee to accomplish, in whole or in part, a specific objective related to critical infrastructure sectors such as energy, communications, water and wastewater systems, and transportation, as well as other support measures such as flood control. This definition is rooted in the implementing regulations of the National Environmental Policy Act (NEPA) at 40 CFR part 1508 and 24 CFR Part 58. Further, consistent with HUD's NEPA implementing requirements at 24 CFR 58.32(a), in responding to the requirements of this Notice, a grantee must group together and evaluate as a single infrastructure project all individual activities which are related to one another, either on a geographical or functional basis, or are logical parts of a composite of contemplated infrastructure-related actions. Grantees should also ensure that each infrastructure project is eligible pursuant to section 105(a)(2) of the Housing and Community Development Act.

(2) Related Infrastructure Project: Consistent with 40 CFR part 1508, *infrastructure projects* are "related" if they automatically trigger other projects or actions, cannot or will not proceed unless other projects or actions are taken previously or simultaneously, or are interdependent parts of a larger action and depend on the larger action for their justification.

c. *Impact and Unmet Needs Assessment.* In Prior Notices, grantees were required to consult with affected citizens, stakeholders, local governments and public housing authorities to determine the impact of the 2013 disasters and any unmet disaster recovery needs. Grantees are required to update their impact and unmet needs assessments to address infrastructure projects, or any other projects or activities not previously considered, but for which an unmet need has become apparent.

d. *Comprehensive Risk Analysis.* Each grantee must describe the science-based risk analysis it has or will employ to select, prioritize, implement, and maintain infrastructure projects or activities. At a minimum, the grantee's analysis must consider a broad range of information and best available data, including forward-looking analyses of risks to infrastructure sectors from climate change and other hazards, such as the Midwest, Great Plains and Southwest United States Regional Climate Trends and Scenarios from the U.S. National Climate Assessment or comparable peer-reviewed information. The grantee should also consider costs

and benefits of alternative investment strategies, including green infrastructure options. In addition, the grantee should include, to the extent feasible and appropriate, public health and safety impacts; direct and indirect economic impacts; social impacts; environmental impacts; cascading impacts and interdependencies within and across communities and infrastructure sectors; changes to climate and development patterns that could affect the project or surrounding communities; and impacts on and from other infrastructure systems. The analyses should, wherever possible, include both quantitative and qualitative measures and recognize the inherent uncertainty in predictive analysis. Grantees should work with other states and units of general local government to undertake regional risk baseline analyses, to improve consistency and cost-effectiveness.

The description of the comprehensive risk analysis must be sufficient for HUD to determine if the analysis meets the requirements of this Notice. Where a grantee provides a local match (using CDBG–DR funds) for an infrastructure project that is covered by a comprehensive planning process required by another Federal agency (e.g., FEMA, the Department of Transportation, U.S. Army Corps of Engineers, Environmental Protection Agency, etc.) HUD does not require the grantee to repeat the analysis completed during that planning process as part of its comprehensive risk analysis. Rather, that process may be referenced and/or adopted to assist the grantee in meeting its responsibility to conduct the comprehensive risk analysis required by this Notice.

e. Resilience Performance Standards. Grantees are required to identify and implement resilience performance standards that can be applied to each infrastructure project. The grantee must describe its plans for the development and application of resilience performance standards in any Action Plan Amendment submitted pursuant to this Notice.

f. Green Infrastructure Projects or Activities. In any Action Plan Amendment submitted pursuant to this Notice, each grantee must describe its process for the selection and design of green infrastructure projects or activities, and/or how selected projects or activities will incorporate green infrastructure components. For the purposes of this Notice, green infrastructure is defined as the integration of natural systems and processes, or engineered systems that mimic natural systems and processes, into investments in resilient

infrastructure. Green infrastructure takes advantage of the services and natural defenses provided by land and water systems such as wetlands, natural areas, vegetation, sand dunes, floodplains and forests, while contributing to the health and quality of life of those in recovering communities.

In addition, the HCD Act authorizes public facilities activities that may include green infrastructure approaches that restore degraded or lost natural systems (e.g., wetlands and floodplain ecosystems) and other shoreline and riparian areas to enhance storm protection and reap the many benefits that are provided by these systems. This includes activities that provide greater floodplain space for floodwaters and recharge groundwater. Protecting, retaining, and enhancing natural defenses should be considered as part of any climate resilience strategy.

g. Additional Requirements for Major Infrastructure Projects. Action Plan Amendments that propose a major infrastructure project will not be approved unless the project meets the criteria of this Notice. HUD approval is required for each major infrastructure project with such projects defined as having a total cost of \$50 million or more (including at least \$10 million of CDBG–DR funds), or physically located in more than one county. Additionally, two or more *related infrastructure projects* that have a combined total cost of \$50 million or more (including at least \$10 million of CDBG–DR funds) must be designated as major infrastructure projects. Projects encompassed by this paragraph are herein referred to as “Covered Projects.” Prior to funding a Covered Project, the grantee must incorporate each of the following elements into its Action Plan (i.e., via a substantial Action Plan Amendment):

(1) *Identification/Description.* A description of the Covered Project, including: total project cost (illustrating both the CDBG–DR award as well as other federal resources for the project, such as funding provided by the Department of Transportation or FEMA), CDBG eligibility (i.e., a citation to the HCD Act, applicable **Federal Register** notice, or a CDBG regulation), how it will meet a national objective, and the project’s connection to a disaster covered by this Notice.

(2) *Use of Impact and Unmet Needs Assessment and the Comprehensive Risk Analysis.* A description of how the Covered Project is supported by the grantee’s updated impact and unmet needs assessment, as well as the grantee’s comprehensive risk analysis. The grantee must also describe how

Covered Projects address the risks, gaps, and vulnerabilities in the region as identified by the comprehensive risk analysis.

(3) *Transparent and Inclusive Decision Processes.* A description of the transparent and inclusive processes that have been or will be used in the selection of a Covered Project(s), including accessible public hearings and other processes to advance the engagement of vulnerable populations. Grantees should demonstrate the sharing of decision criteria, the method of evaluating a project(s), and how all project stakeholders and interested parties were or are to be included to ensure transparency including, as appropriate, stakeholders and parties with an interest in environmental justice or accessibility.

(4) *Long-Term Efficacy and Fiscal Sustainability.* A description of how the grantee plans to monitor and evaluate the efficacy and sustainability of Covered Projects, including how it will reflect changing environmental conditions (such as development patterns) with risk management tools, and/or alter funding sources, if necessary.

(5) *Environmentally Sustainable and Innovative Investments.* A description of how the Covered Project(s) will align with the commitment expressed in the President’s Climate Action Plan to “identify and evaluate additional approaches to improve our natural defenses against extreme weather, protect biodiversity, and conserve natural resources in the face of a changing climate . . .”

h. HUD Review of Covered Projects. HUD may disapprove any Action Plan Amendment that proposes a Covered Project that does not meet the above criteria. In the course of reviewing an Action Plan Amendment, HUD will advise grantees of the deficiency of a Covered Project, and grantees must revise their plans accordingly to secure HUD approval. In making its decision, HUD will seek input from other relevant federal agencies. Grantees are strongly encouraged to consult with federal agencies as proposals are developed for major infrastructure projects. The goal of this coordination effort is to promote a regional and cross-jurisdictional approach to resilience in which neighboring communities come together to: identify interdependencies among and across geography and infrastructure systems; compound individual investments towards shared goals; foster leadership; build capacity; and share information and best practices on infrastructure resilience.

4. *Action Plan for Disaster Recovery waiver and alternative requirement—Housing, Business Assistance, and General Requirements.* The Prior Notices are modified as follows:

a. *Public and assisted multifamily housing.* In the December 16, 2013 Notice, grantees were required to describe how they would identify and address (if needed) the rehabilitation (as defined at 24 CFR 570.202), reconstruction, and replacement of the following types of housing affected by the disaster: Public housing (including administrative offices), HUD-assisted housing (defined at subparagraph (1) of the March 5, 2013, Notice, at 78 FR 14332), McKinney-Vento-funded shelters and housing for the homeless—including emergency shelters and transitional and permanent housing for the homeless, and private market units receiving project-based assistance or with tenants that participate in the Section 8 Housing Choice Voucher Program. As part of this requirement, each grantee was required to work with any impacted Public Housing Authority (PHA) located within its jurisdiction, to identify the unmet needs of damaged public housing. If unmet needs existed once funding became available to the grantee, the grantee was required to work with the impacted PHA(s) to identify necessary costs, and ensure adequate funding was dedicated to the recovery of the damaged public housing.

In addition to the above, grantees under this Notice must now describe how they will address the rehabilitation, mitigation and new construction needs of other assisted multifamily housing developments impacted by the disaster, including HUD-assisted multifamily housing, low income housing tax credit (LIHTC)—financed developments and other subsidized and tax credit-assisted affordable housing. For CDBG—DR purposes, HUD-assisted multifamily housing continues to be defined by paragraph VI.A.1.a. (1) of the March 5, 2013 Notice at 78 FR 14332. Grantees should focus on protecting vulnerable residents and should consider measures to protect vital infrastructure (e.g., HVAC and electrical equipment) from flooding. Grantees are strongly encouraged to provide assistance to PHAs and other assisted and subsidized multifamily housing to help them elevate critical infrastructure and rebuild to model resilient building standards. Examples of such standards include the I-Codes developed by the International Code Council (ICC), the Insurance Institute for Business and Home Safety (IBHS) FORTIFIED home programs, and standards under development by the American National

Standards Institute (ANSI) and the American Society of Civil Engineers (ASCE).

b. *Certification of proficient controls, processes and procedures.* The Appropriations Act requires the Secretary to certify, in advance of signing a grant agreement, that the grantee has in place proficient financial controls and procurement processes and has established adequate procedures to prevent any duplication of benefits as defined by section 312 of the Stafford Act, ensure timely expenditure of funds, maintain comprehensive Web sites regarding all disaster recovery activities assisted with these funds, and detect and prevent waste, fraud, and abuse of funds. Grantees submitted this certification pursuant to the Prior Notices. In any Action Plan Amendment submitted after the effective date of this Notice, grantees are required to identify any material changes in its processes or procedures that could potentially impact the Secretary's or the grantee's prior certification. Grantees are advised that HUD may revisit any prior certification based on a review of an Action Plan Amendment submitted for this allocation of funds, as well as monitoring reports, audits by HUD's Office of the Inspector General, citizen complaints or other sources of information. As a result of HUD's review, the grantee may be required to submit additional documentation or take appropriate actions to sustain the certification.

c. *Certification of Resilience Standards.* The Prior Notices are amended to additionally require the grantee to certify that it will apply the resilience standards required in section V.3.e of this Notice.

d. *Amending the Action Plan.* The Prior Notices are amended, as necessary, to require each grantee to submit a substantial Action Plan Amendment to HUD within 120 days of the effective date of this Notice. All Action Plan Amendments submitted after the effective date of this Notice must be prepared in accordance with the Prior Notices, as modified by this Notice. In addition, they must budget all, or a portion, of the funds allocated under this Notice. Grantees are reminded that an Action Plan may be amended one or more times until it describes uses for 100 percent of the grantee's CDBG—DR award. The last date that grantees may submit an Action Plan Amendment is June 1, 2017 given that HUD must obligate all CDBG—DR funds not later than September 30, 2017. The requirement to expend funds within two years of the date of obligation will be

enforced relative to the activities funded under each obligation, as applicable.

e. *HUD Review/Approval.* Consistent with the requirements of section 105(c) of the Cranston-Gonzalez National Affordable Housing Act, HUD will review each grantee's substantial Action Plan Amendment within 60 days from the date of receipt. The Secretary may disapprove an Amendment if it is determined that it does not meet the requirements of the Prior Notices, as amended by this Notice. Once an Amendment is approved, HUD will issue a revised grant agreement to the grantee.

f. *Projection of expenditures and outcomes.* The Prior Notices are amended, as necessary, to require each grantee to amend its Action Plan to update its projection of expenditures and outcomes within 90 days of its Action Plan Amendment approval. The projections must be based on each quarter's expected performance—beginning the quarter funds are available to the grantee and continuing each quarter until all funds are expended. Projections should include the entire amount allocated by this Notice. Amending the Action Plan to accommodate these changes is not considered a substantial amendment. Guidance on preparing the projections is available on HUD's OneCPD Web site at: <https://www.onecpd.info/cdbg-dr/cdbg-dr-laws-regulations-and-federal-register-notices/>.

5. *Citizen participation waiver and alternative requirement.* The Prior Notices are modified to require grantees to publish substantial Action Plan Amendments for comment for 30 days prior to submission to HUD. Grantees are reminded of both the citizen participation requirements of those Notices and that HUD will monitor grantee compliance with those requirements and the alternative requirements of this Notice. In addition, this Notice establishes the requirement that at least one public hearing must be held regarding any substantial Action Plan Amendment submitted after the effective date of this Notice, including any subsequent substantial amendment proposing or amending a Covered Project. Citizens and other stakeholders must have reasonable and timely access to these public hearings. Grantees are encouraged to conduct outreach to community groups, including those that serve minority populations, persons with limited English proficiency, and persons with disabilities, to encourage public attendance at the hearings and the submission of written comments concerning the Action Plan Amendment.

The grantee must continue to make the Action Plan, any amendments, and all performance reports available to the public on its Web site and on request and the grantee must make these documents available in a form accessible to persons with disabilities and persons of limited English proficiency, in accordance with the requirements of the Prior Notices. Grantees are also encouraged to outreach to local nonprofit and civic organizations to disseminate substantial Action Plan Amendments submitted after the effective date of this Notice. During the term of the grant, the grantee must provide citizens, affected local governments, and other interested parties with reasonable and timely access to information and records relating to the Action Plan and to the grantee's use of grant funds. This objective should be achieved through effective use of the grantee's comprehensive Web site mandated by the Appropriations Act.

6. *Reimbursement of disaster recovery expenses.* In addition to pre-award requirements described in the Prior Notices, grantees are subject to HUD's guidance issued July 30, 2013—"Guidance for Charging Pre-Award Costs of Homeowners, Businesses, and Other Qualifying Entities to CDBG Disaster Recovery Grants" (CPD Notice 2013-05)—as well as any subsequent updates to this guidance that HUD may issue. The CPD Notice is available on HUD's OneCPD Web site at: <https://www.onecpd.info/resource/3138/notice-cpd-13-05-guidance-for-charging-pre-award-costs-to-cdbg-dr-grants/>.

7. *Duplication of benefits.* In addition to the requirements described in the Prior Notices and the **Federal Register** Notice published November 16, 2011 (76 FR 71060), grantees receiving an allocation under this Notice are subject to HUD's guidance issued July 25, 2013—"Guidance on Duplication of Benefit Requirements and Provision of CDBG-DR Assistance". This guidance is available on HUD's OneCPD Web site at: <https://www.onecpd.info/resource/3137/cdbg-dr-duplication-of-benefit-requirements-and-provision-of-assistance-with-sba-funds/>.

8. *Eligibility of needs assessment and comprehensive risk analysis costs.* Grantees may use CDBG-DR funds to update their impact and unmet needs assessments and to develop the comprehensive risk analysis for infrastructure projects required by this Notice, consistent with the overall 20 percent limitation on the use of funds for planning, management and administrative costs.

9. *Eligibility of mold remediation costs.* Mold remediation is an eligible CDBG-DR rehabilitation activity (see the HCD Act, e.g., 42 U.S.C. 5305(a)(4)). Like other eligible activities, however, the activity encompassing mold remediation must address a direct or indirect impact caused by the disaster.

10. *Eligibility of public services and assistance to impacted households.* Grantees are reminded that households impacted by 2013 disasters may be assisted as part of an eligible public service activity, subject to applicable CDBG regulations. Public service activities often address needs such as employment and training, infant and child care and supportive services, counseling, education, healthcare, etc. Income payments, defined as a series of subsistence-type grant payments are made to an individual or family for items such as food, clothing, housing, or utilities, are generally ineligible for CDBG-DR assistance. However, per the CDBG regulations, grantees may make emergency grant payments for up to three consecutive months, to the provider of such items or services on behalf of an individual or family.

Additionally, as provided by the HCD Act, funds for public services activities may be used as a matching requirement, share, or contribution for any other federal program when used to carry out an eligible CDBG-DR activity. However, the activity must still meet a national objective and address all applicable CDBG cross-cutting requirements.

11. *Small business assistance—Modification of the alternative requirement to allow use of the Employer Identification Number (EIN).* In the March 5, 2013 Notice, the Department instituted an alternative requirement to the provisions at 42 U.S.C. 5305(a) prohibiting grantees from assisting businesses, including privately owned utilities, that do not meet the definition of a small business as defined by Small Business Administration (SBA) at 13 CFR part 121 in order to target assistance to the businesses most responsible for driving local and regional economies. To determine whether an entity is a small business under the SBA definition, the grantee must take into account all of its affiliations. Typically, companies that have common ownership or management are considered affiliated. Per the SBA regulations, if businesses are affiliated, the number of jobs and revenue for those businesses must be aggregated. However, this could preclude a number of small businesses from receiving assistance—particularly in cases where one or more persons have control (i.e., ownership or

management) of multiple small businesses that each have separate employer identification numbers (EIN), file separate tax returns, or even operate in different industries. Thus, HUD is modifying its definition of a small business: Businesses must continue to meet the SBA requirements at 13 CFR part 121 to be eligible for CDBG-DR assistance, except that the size standards will only apply to each EIN. Businesses that share common ownership or management may be eligible for CDBG-DR assistance, as long as each business with a unique EIN meets the applicable SBA size standards.

12. *Eligibility of Local Disaster Recovery Manager costs.* Consistent with the recommendation of the Rebuilding Strategy, grantees may use CDBG-DR funds to fill Local Disaster Recovery Manager (LDRM) positions, which are recommended by the National Disaster Recovery Framework. Additional information about the National Disaster Recovery Framework can be found at <http://www.fema.gov/long-term-recovery>. A LDRM may coordinate and manage the overall long-term recovery and redevelopment of a community, which includes the local administration and leveraging of multiple federally-funded projects and programs. A LDRM may also ensure that federal funds are used properly, and can help local governments address the need for long-term recovery coordination. For additional guidance, grantees should consult the CPD Notice "Allocating Staff Costs between Program Administration Costs vs. Activity Delivery Costs in the Community Development Block Grant (CDBG) Program for Entitlement Grantees, Insular Areas, Non-Entitlement Counties in Hawaii, and Disaster Recovery Grants," at: <http://portal.hud.gov/huddoc/13-07cpdn.pdf>.

13. *Waiver to permit some activities in support of the tourism industry (State of Colorado only).* The State of Colorado has requested a waiver to allow the State to use up to \$500,000 in CDBG-DR funds to support its tourism industry and promote travel to communities in the flood-impacted areas. Tourism is the primary economic contributor to the State of Colorado economy and provides a valuable source of business revenue, taxes and employment. Preliminary Needs Assessment data indicate that after the floods, of the \$19.7 million in Small Business Administration Loans given to date, 16.25 percent were awarded to businesses with NAICS codes within the lodging and restaurant industries. These range from hotel, lodges, motels, full-service restaurants,

limited-service restaurants, and specialty food shops. The lodging and restaurant industries are heavily dependent on tourism dollars, and serve as early indicators of a larger, long-term tourism-related impact that the State is already witnessing unfold. In addition, the tourism industry in the impacted areas employs many individuals who are of low- and moderate-income; some of these jobs have been lost as a result of the devastating floods. According to estimates, the Estes Park Local Marketing District (consisting of Estes Park, Drake, Glen Haven and rural areas) has 1,338 direct tourism jobs with an average income per job of \$23,650. In addition, there are another 409 indirect and induced jobs with an average income of \$36,978 per job. Major visitor draws, like the Rocky Mountain National Park (RMNP) and the community of Estes Park have already seen a significant negative impact to their tourism dollars. In just September and October of 2013, RMNP experienced a loss of 427,376 visitors. The estimated financial impact of this loss is more than \$118 million.

The Estes Park community serves as a gateway to the RMNP. Tourism to the region is promoted by a quasi-governmental entity, funded in part through tax dollars, known as *Visit Estes Park*. However, its reliance on tax dollars to fund their efforts has severely minimized its ability to promote tourism to the area. The area now finds itself in a worsening economic cycle, from which it could take decades to recover, if ever, without the injection of much-needed cash into the regional economy brought in by tourism.

Tourism industry support, such as a national consumer awareness advertising campaign for an area in general, is ineligible for CDBG assistance. However, HUD understands that such support can be a useful recovery tool in a damaged regional economy that depends on tourism for many of its jobs and tax revenues and has granted similar waivers for several CDBG-DR disaster recovery efforts. As the State of Colorado is proposing advertising and marketing activities for this specific program, rather than direct assistance to tourism-dependent businesses, and because the measures of long-term benefit from the proposed activities must be derived using indirect means, 42 U.S.C. 5305(a) is waived only to the extent necessary to make eligible use of no more than \$500,000 for assistance for the tourism industry. CDBG-DR funds may be used to promote a community or communities in general, provided the assisted activities are designed to support

tourism to the most impacted and distressed areas related to the 2013 floods. This waiver will expire two years after it first draws CDBG-DR funds under this allocation.

VII. Mitigation and Resilience Methods, Policies, and Procedures

Executive Order 13632 established the Hurricane Sandy Rebuilding Task Force. The Task Force was charged with identifying and working to remove obstacles to resilient rebuilding while taking into account existing and future risks and promoting the long-term sustainability of communities and ecosystems in the Sandy-affected region. The Task Force was further tasked with the development of a rebuilding strategy, which was released on August 19, 2013. The Executive Order directs HUD and other federal agencies, to the extent permitted by law, to align its relevant programs and authorities with the Rebuilding Strategy. The requirements set forth elsewhere in this Notice related to the selection of infrastructure projects and assistance to public and assisted multifamily housing reflect recommendations in the Rebuilding Strategy. To further address these recommendations, each grantee is strongly encouraged to incorporate the following components into its long-term strategy for recovery from eligible disasters under this Notice, and to reflect the incorporation of these components, to the extent appropriate, in Action Plan Amendments.

1. *Small business assistance.* To support small business recovery, grantees are encouraged to work with, and/or fund, small business assistance organizations that provide direct and consistent communication about disaster recovery resources to affected businesses. Selected organizations should have close relationships with local businesses and knowledge of their communities' needs and assets. In addition, grantees may support outreach efforts by a Community Development Finance Institution (CDFI) to small businesses in vulnerable communities.

2. *Energy Infrastructure.* Where necessary for recovery, CDBG-DR funds may be used to support programs, projects and activities to enhance the resilience of energy infrastructure. Energy infrastructure includes electricity transmission and distribution systems, including customer-owned generation where a significant portion of the generation is provided to the grid; and liquid and gaseous fuel distribution systems, both fixed and mobile. CDBG-DR recipients may use funds from this allocation for recovery investments that enhance the resilience of energy

infrastructure so as to limit potential damages and future disturbance and thus reduce the need for any future federal assistance under such an event. CDBG-DR funds may be used to support public-private partnerships to enhance the resiliency of privately-owned energy infrastructure, if the CDBG-DR assisted activities meet a national objective and can be demonstrated to relate to recovery from the direct or indirect effects of eligible disasters under this Notice. Such projects may include microgrids or energy banks that may provide funds to entities consistent with all applicable requirements. Grantees should review DOE's report, "U.S. Energy Sector Vulnerabilities to Climate Change and Extreme Weather," available at: <http://energy.gov/sites/prod/files/2013/07/f2/20130716-Energy%20Sector%20Vulnerabilities%20Report.pdf>. This report assesses vulnerabilities and provides guidance on developing a new approach for electric grid operations. In developing this component of their long-term recovery plans, grantees are reminded that pursuant to the March 5, 2013 Notice, grantees are prohibited from assisting businesses that do not meet the definition of a small business as defined by SBA at 13 CFR part 121 and as further modified by this Notice. The March 5, 2013 Notice also prohibits assistance to private utilities.

3. *Providing jobs to local workforce.* Grantees are reminded that they are required to comply with section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. 1701u) and implementing regulations at 24 CFR part 135, and to certify to such compliance. In addition to complying with Section 3, grantees are encouraged to undertake specialized skills, training programs and other initiatives to: (a) Employ very-low and low-income individuals; and (b) award contracts to local businesses for rebuilding from eligible disasters under this Notice and mitigate against future risk (e.g., mold remediation and construction (including elevation), ecosystem and habitat restoration, water conservation efforts and green infrastructure) and for professional services related to Section 3 covered projects (e.g., architecture, site preparation, engineering, accounting, etc.).

4. *Project labor agreements.* Executive Order 13502 (Use of Project Labor Agreements for Federal Construction Projects) governs the use of project labor agreements for large-scale construction projects procured by the federal government. Similarly, grantees are encouraged to make use of Project Labor Agreements (PLAs) on large-scale

construction projects in areas responding to disasters. Executive Order 13502 can be found at: <http://www.whitehouse.gov/the-press-office/executive-order-use-project-labor-agreements-federal-construction-projects>.

5. *Mitigating future risk.* Grantees should include programs to implement voluntary buyout programs or elevate or otherwise flood-proof all structures that were impacted by the disaster (whether they are homes, businesses or utilities) to mitigate flood risk as indicated by relevant data sources. Reducing risk is essential to the economic well-being of communities and business and is therefore an essential part of any disaster recovery, including elevating at least one foot higher than the latest FEMA-issued base flood elevation or best available data as required by the April 19, 2013 Notice. The relevant data source and best available data under Executive Order 11988 is the latest FEMA data or guidance, which includes advisory data (such as Advisory Base Flood Elevations) or preliminary and final Flood Insurance Rate Maps. Thus, in addition to the elevation requirements of the April 19, 2013 Notice, the Department strongly encourages grantees to elevate, relocate or remove all structures impacted by the disaster (including housing), even those requiring repairs of low or moderate damage, in addition to those requiring substantial improvements. FEMA maps are available here: <https://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1>.

In addition, all rehabilitation projects should apply appropriate construction standards to mitigate risk, which may include: (a) Raising utilities or other mechanical devices above expected flood level; (b) wet flood proofing in a basement or other areas below the Advisory Base Flood Elevation/best available data plus one foot; (c) using water resistant paints or other materials; or (d) dry flood proofing non-residential structures by strengthening walls, sealing openings, or using waterproof compounds or plastic sheeting on walls to keep water out.

Grantees are reminded of the mandatory mitigation requirements described in the April 19, 2013 Notice. That is, reconstruction and substantial improvement projects located in a floodplain, according to the best available data as defined above, must be designed using the base flood elevation plus one foot as the baseline standard for lowest floor elevation (or alternatively, for non-critical non-residential structures, for

floodproofing). If higher elevations are required by locally adopted code or standards, those higher standards apply.

In addition to the mandatory requirements of the April 19, 2013 Notice, grantees may also engage in voluntary risk mitigation measures. For example, grantees may assist in floodproofing non-residential structures that are not critical actions (as defined at 24 CFR 55.2(b)(3)) in accordance with the floodproofing standards of the April 19, 2013 Notice, where the structures were impacted by the disaster but the needed repairs do not constitute a substantial improvement. Flood proofing requires structures to be water tight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic loads, hydrodynamic loads, the effects of buoyancy, or higher standards required by the FEMA National Flood Insurance Program as well as state and locally adopted codes.

6. *Leveraging funds and evidence-based strategies.* Grantees are encouraged, where appropriate, to leverage grant funds with public and private funding sources—including through infrastructure banks, Community Development Finance Institutions, and other intermediaries—and to make use of evidence-based strategies, including social impact bonds and other pay-for-success strategies.

VIII. Catalog of Federal Domestic Assistance

The Catalog of Federal Domestic Assistance number for the disaster recovery grants under this Notice is as follows: 14.269.

Finding of No Significant Impact

A Finding of No Significant Impact (FONSI) with respect to the environment has been made in accordance with HUD regulations at 24 CFR part 50, which implement section 102(2)(C) of the National Environmental Policy Act of 1969 (42 U.S.C. 4332(2)(C)). The FONSI is available for public inspection between 8 a.m. and 5 p.m. weekdays in the Regulations Division, Office of General Counsel, Department of Housing and Urban Development, 451 7th Street SW., Room 10276, Washington, DC 20410-0500. Due to security measures at the HUD Headquarters building, an advance appointment to review the docket file must be scheduled by calling the Regulations Division at 202-708-3055 (this is not a toll-free number). Hearing or speech-impaired individuals may access this number through TTY by

calling the toll-free Federal Relay Service at 800-877-8339.

Dated: May 27, 2014.

Clifford Taffett,

Assistant Secretary for Community Planning and Development (Acting).

Appendix A—Allocation Methodology

The first allocation for Disaster Recovery needs associated with 2013 disasters was based on preliminary data. The second allocation reflects updated housing and business unmet needs that have more complete information on insurance coverage and updated infrastructure repair costs from FEMA. This allocation is calculated based on relative share of needs HUD has estimated are required to rebuild to a higher standard consistent with CDBG program requirements and the goals set forth in the Hurricane Sandy Rebuilding Strategy. The methodology used to allocate these funds was designed to provide funding to cover a level of estimated unmet severe repair and resiliency recovery needs at the same proportional level as has been provided through the two allocations for Sandy recovery.

HUD calculates the cost to rebuild the most impacted and distressed homes, businesses, and infrastructure back to pre-disaster conditions. From this base calculation, HUD calculates both the amount not covered by insurance and other federal sources to rebuild back to pre-disaster conditions as well as a “resiliency” amount which is calculated at 30 percent of the total basic cost to rebuild back the most distressed homes, businesses, and infrastructure to pre-disaster conditions. The estimated cost to repair unmet needs are combined with the resiliency needs to calculate the total severe unmet needs estimated to achieve long-term recovery. The formula allocation is made proportional to those calculated severe unmet needs.

Available Data

The “best available” data HUD staff have identified as being available to calculate unmet needs at this time for all disasters in 2011, 2012, and 2013 in each state meeting HUD’s Most Impacted threshold comes from the following data sources:

- FEMA Individual Assistance program data on housing unit damage;
- SBA for management of its disaster assistance loan program for housing repair and replacement;
- SBA for management of its disaster assistance loan program for business real estate repair and replacement as well as content loss; and
- FEMA data on infrastructure.

These funds are only allocated to states where the aggregate of their severe housing and business unmet needs (excluding resiliency) associated with disasters in 2011, 2012, and 2013 exceed \$25 million from counties with \$10 million or more in severe housing and business unmet needs.

Calculating Unmet Housing Needs

The core data on housing damage for both the unmet housing needs calculation and the concentrated damage are based on home

inspection data for FEMA's Individual Assistance program. For unmet housing needs, the FEMA data are supplemented by Small Business Administration data from its Disaster Loan Program. HUD calculates "unmet housing needs" as the number of housing units with unmet needs times the estimated cost to repair those units less repair funds already provided by FEMA, where:

- Each of the FEMA inspected owner units are categorized by HUD into one of five categories:
 - Minor-Low: Less than \$3,000 of FEMA inspected real property damage.
 - Minor-High: \$3,000 to \$7,999 of FEMA inspected real property damage.
 - Major-Low: \$8,000 to \$14,999 of FEMA inspected real property damage (if basement flooding only, damage categorization is capped at major-low).
 - Major-High: \$15,000 to \$28,800 of FEMA inspected real property damage and/or 4 to 6 feet of flooding on the first floor.
 - Severe: Greater than \$28,800 of FEMA inspected real property damage or determined destroyed and/or 6 or more feet of flooding on the first floor.

To meet the statutory requirement of "most impacted" in this legislative language, homes are determined to have a high level of damage if they have damage of "major-low" or higher. That is, they have a real property FEMA inspected damage of \$8,000 or flooding over 4 foot. Furthermore, a homeowner is determined to have unmet needs if they have received a FEMA grant to make home repairs. For homeowners with a FEMA grant and insurance for the covered event, HUD assumes that the unmet need "gap" is 20 percent of the difference between total damage and the FEMA grant.

- FEMA does not inspect rental units for real property damage so personal property damage is used as a proxy for unit damage. Each of the FEMA inspected renter units are categorized by HUD into one of five categories:

- Minor-Low: Less than \$1,000 of FEMA inspected personal property damage.
- Minor-High: \$1,000 to \$1,999 of FEMA inspected personal property damage.
- Major-Low: \$2,000 to \$3,499 of FEMA inspected personal property damage (if basement flooding only, damage categorization is capped at major-low).
- Major-High: \$3,500 to \$7,499 of FEMA inspected personal property damage or 4 to 6 feet of flooding on the first floor.
- Severe: Greater than \$7,500 of FEMA inspected personal property damage or determined destroyed and/or 6 or more feet of flooding on the first floor.

For rental properties, to meet the statutory requirement of "most impacted" in this legislative language, homes are determined to have a high level of damage if they have damage of "major-low" or higher. That is, they have a FEMA personal property damage assessment of \$2,000 or greater or flooding over 4 foot. Furthermore, landlords are presumed to have adequate insurance coverage unless the unit is occupied by a renter with income of \$30,000 or less. Units are occupied by a tenant with income less than \$30,000 are used to calculate likely

unmet needs for affordable rental housing. For those units occupied by tenants with incomes under \$30,000, HUD estimates unmet needs as 75 percent of the estimated repair cost.

- The median cost to fully repair a home for a specific disaster to code within each of the damage categories noted above is calculated using the average real property damage repair costs determined by the Small Business Administration for its disaster loan program for the subset of homes inspected by both SBA and FEMA. Because SBA is inspecting for full repair costs, it is presumed to reflect the full cost to repair the home, which is generally more than the FEMA estimates on the cost to make the home habitable. If fewer than 100 SBA inspections are made for homes within a FEMA damage category, the estimated damage amount in the category for that disaster has a cap applied at the 75th percentile of all damaged units for that category for all disasters and has a floor applied at the 25th percentile.

Calculating Unmet Infrastructure Needs

- To proxy unmet infrastructure needs, HUD uses data from FEMA's Public Assistance program on the state match requirement. This allocation uses only a subset of the Public Assistance damage estimates reflecting the categories of activities most likely to require CDBG funding above the Public Assistance and state match requirement. Those activities are categories: C-Roads and Bridges; D-Water Control Facilities; E-Public Buildings; F-Public Utilities; and G-Recreational-Other. Categories A (Debris Removal) and B (Protective Measures) are largely expended immediately after a disaster and reflect interim recovery measures rather than the long-term recovery measures for which CDBG funds are generally used. Because Public Assistance damage estimates are available only statewide (and not county), CDBG funding allocated by the estimate of unmet infrastructure needs are sub-allocated to non-state grantees based on the share of housing and business unmet needs in each of the local jurisdictions.

Calculating Economic Revitalization Needs

- Based on SBA disaster loans to businesses, HUD used the sum of real property and real content loss of small businesses not receiving an SBA disaster loan. This is adjusted upward by the proportion of applications that were received for a disaster that content and real property loss were not calculated because the applicant had inadequate credit or income. For example, if a state had 160 applications for assistance, 150 had calculated needs and 10 were denied in the pre-processing stage for not enough income or poor credit, the estimated unmet need calculation would be increased as $(1 + 10/160) * \text{calculated unmet real content loss}$.

- Because applications denied for poor credit or income are the most likely measure of needs requiring the type of assistance available with CDBG-DR funds, the calculated unmet business needs for each state are adjusted upwards by the proportion of total applications that were denied at the

pre-process stage because of poor credit or inability to show repayment ability. Similar to housing, estimated damage is used to determine what unmet needs will be counted as severe unmet needs. Only properties with total real estate and content loss in excess of \$30,000 are considered severe damage for purposes of identifying the most impacted areas.

- Category 1: real estate + content loss = below \$12,000.
- Category 2: real estate + content loss = \$12,000 to \$30,000.
- Category 3: real estate + content loss = \$30,000 to \$65,000.
- Category 4: real estate + content loss = \$65,000 to \$150,000.
- Category 5: real estate + content loss = above \$150,000.

To obtain unmet business needs, the amount for approved SBA loans is subtracted out of the total estimated damage.

Resiliency Needs

CDBG Disaster Recovery Funds are often used to not only support rebuilding to pre-storm conditions, but also to build back much stronger. For the disasters covered by this Notice, HUD has required that grantees use their funds in a way that results in rebuilding back stronger so that future disasters do less damage and recovery can happen faster. To calculate these resiliency costs, HUD multiplied it estimates of total repair costs for seriously damaged homes, small businesses, and infrastructure by 30 percent. Total repair costs are the repair costs including costs covered by insurance, SBA, FEMA, and other federal agencies. The resiliency estimate at 30 percent of damage is intended to reflect some of the unmet needs associated with building to higher standards such as elevating homes, voluntary buyouts, hardening, and other costs in excess of normal repair costs.

[FR Doc. 2014-12709 Filed 6-2-14; 8:45 am]

BILLING CODE 4210-67-P

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

[Docket No. FR-5750-N-21]

Federal Property Suitable as Facilities To Assist the Homeless

Correction

In Notice document 2014-11695, appearing on pages 29789-29791 in the Issue of Friday, May 23, 2014, make the following correction:

On page 29791, in the first column, after the seventeenth line and prior to the word "California", the following headings were inadvertently omitted:

**"Unsuitable Properties
Building"**

[FR Doc. C1-2014-11695 Filed 6-2-14; 8:45 am]

BILLING CODE 1505-01-D