



# City of Moore

Oklahoma

301 N. Broadway, Moore, OK 73160 | (405) 793-5000 | www.cityofmoore.com

## NOTICE TO PROCEED

**Date:** 9/9/2015

**To:** Meshek & Associates

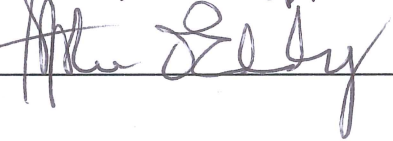
**Project:** P-09, N. Bryant Engineering

The City of Moore has considered the budget submitted by you for the above reference project.

You are hereby notified the budget has been accepted in the amount of \$166,945.00.

You are required to return an acknowledged copy of Notice To Proceed to the City of Moore.

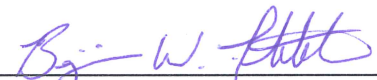
Dated this 9 day of September, 2015.

By: 

## ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice to Proceed is hereby acknowledged

by Benjamin W. Fletcher, this 27<sup>th</sup> day of October, 2015.

By: 

Title: Manager

## Task Order # 2

Engineering Firm: Meshek & Associates

Project Number: P-09

Project Name: N. Bryant Ave

9/9/15

**1.0 Project Description:** Engineering for reconstruction of N. Bryant from Main St. to NE 12<sup>th</sup> St.

### **2.0 Scope/Objective & Deliverables:**

- Existing horizontal alignment of the roadway will be maintained.
- Vertical alignment will be modified to obtain acceptable stopping sight distance.
- Roadway Design: Roadway reconstruction extents will include Bryant Ave. from the south curb return of David Road to the south end of the widening taper at the intersection of Bryant Ave. and NE 12<sup>th</sup> Street.
- All design will be in English units in accordance with the current 'AASHTO Policy on Geometric Design of Highways and Streets', the 'Manual on Uniform Traffic Control Devices', and all applicable City of Moore policies and procedures.
- It is assumed that the structure over North Fork River will be a Reinforced Concrete Box.
- Detailed construction plans shall meet the City's standards for plan submittal. Roadway plans will include, but not be limited to:
  - Cover sheet
  - Typical sections
  - Summary of pay quantities and notes
  - Summary sheets
  - Storm Water Pollution Prevention plan sheet
  - Alignment data
  - Plan and profile sheets
  - Erosion control and disturbed area plan
  - Signing and striping plans
  - Cross-sections
  - Detailed Traffic control plan
- Included services to prepare roadway plans are as follows:
  - Project coordination with sub-contractors and City staff
  - Site visits
  - Evaluate options to reduce costs
  - Prepare preliminary roadway plans and cost estimate

- Plan review meetings
  - Finalize roadway plans and detailed cost estimate
  - Attend plan review meetings
  - Attend the pre-bid conference
- Survey and Mapping: Topographic survey will extend to approximately 50' on both sides of the centerline.
  - Geotechnical Studies: Will be provided by Terracon – See attached scope of services for Roadway Geotechnical Investigation.
  - The goal is that all work is to be accomplished within the existing right of way. Design emphasis will be placed on not disturbing the existing utilities within the project area.
  - Waterline replacements within the project corridor will be limited to those required for the proposed roadway improvements.
  - Sanitary sewer replacements within the project corridor will be limited to those required for the proposed roadway improvements.
  - Storm sewers within the project corridor will be designed to convey the 1% chance storm.
    - Connectivity will be maintained with lateral storm sewer systems, but no improvements will be made.
  - Bridge Hydrology & Hydraulics
    - The existing bridge where Bryant Avenue crosses the North Fork River will be replaced. This area is mapped by FEMA with a floodplain and a floodway. The effective FEMA map and model does not appear to include the current bridge.
    - Our analysis will include:
      - Utilize flow rates from the updated Storm Water Master Plan.
      - Develop a Duplicate Effective model to the extent possible.
      - Develop a Corrected Effective model.
      - Analyze multiple alternatives using HEC-RAS to meet the City's requirements for bridge replacement in a floodplain.
      - Prepare a Preliminary Hydraulic Report to be submitted with the Conceptual Report.
      - Update models based on any changes during the City's review the preliminary submittal and prepare a final hydraulic report.
      - Prepare a Conditional Letter of Map Revision (CLOMR) and submit to FEMA. Respond to comments as needed.
      - It is assumed that a Nationwide 404 permit will be obtained for any work within the channel for this project.
  - Construction Services
    - Assistance in the preparation of bidding documents, and addenda as needed.
    - Attendance at the pre-bid conference and pre-work conference.
    - Response to all Request for Information and Submittals during construction.

- Daily inspection services are not included in this contract.

- 2.12 Permits

The Consultant shall work with the City to avoid and minimize impacts to any jurisdictional waters and wetlands. A letter of map revision (LOMR) is anticipated, the additional work required to complete it will be supplemented or task ordered after construction is completed. The Consultant shall complete the Oklahoma Department of Environmental Quality (ODEQ) Notice of Intent (NOI) form at the time of submittal of final plans and cost estimate.

**3.0 Applicable Documents.** Map attached.

**4.0 Reports.**

Monthly Status Report (MSR). The Contractor shall prepare a Monthly Status and email to Jared Jakubowski and Kahley Gilbert on the final day of each month.

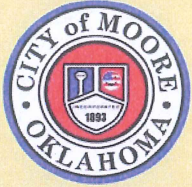
**5.0 Schedule.**

- Prepare Survey 9/22/15-11/5/15
- 35% Design 11/6/15-2/4/16
  - Client Review 1/21/16-2/4/16
- 75% Design 2/5/16-5/20/16
  - Client Review 5/6/16-5/20/16
- 95% Design 5/21/16-8/19/16
  - Client Review 8/5/16-8/19/16
- 100%Design 8/20/16-9/19/16
  - Submit to Client 9/19/16

**6.0 Budget**

- Survey: \$23,920.00
- Design Services: \$135,885.00
- Construction Services: \$7,140.00
- **Total Engineering Fee: \$166,945.00**





# City of Moore

Oklahoma

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## NOTICE TO PROCEED

Date: 9/9/2015

To: Meshek & Associates

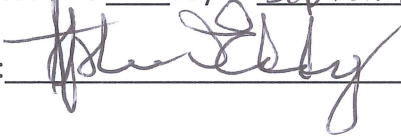
Project: I-13-E-URG

The City of Moore has considered the budget submitted by you for the above reference project.

You are hereby notified the budget has been accepted in the amount of \$67,725.00.

You are required to return an acknowledged copy of Notice To Proceed to the City of Moore.

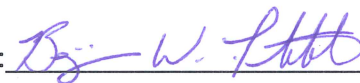
Dated this 9 day of September, 2015.

By: 

## ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice to Proceed is hereby acknowledged

by Benjamin W. Fletcher, this 27<sup>th</sup> day of October, 2015.

By: 

Title: Manager

## Task Order # 1

**Engineering Firm: Meshek & Associates**

**Project Number: I-13-E-URG**

**Project Name: S. Bryant Ave**

**9/9/15**

**1.0 Project Description:** Reconstruction of S. Bryant Ave from SE 4th St. to Main St.

### **2.0 Scope/Objective & Deliverables:**

- Existing horizontal alignment of the roadway will be maintained.
- Vertical alignment will be modified to obtain acceptable stopping sight distance.
- Roadway Design: Roadway reconstruction extents will include Bryant Ave. from the north curb return of the intersection of Bryant Ave. and SE 4th Street to the south curb return of David Road.
- All design will be in English units in accordance with the current 'AASHTO Policy on Geometric Design of Highways and Streets', the 'Manual on Uniform Traffic Control Devices', and all applicable City of Moore policies and procedures.
- Detailed construction plans shall meet the City's standards for plan submittal. Roadway plans will include, but not be limited to:
  - Cover sheet
  - Typical sections
  - Summary of pay quantities and notes
  - Summary sheets
  - Storm Water Pollution Prevention plan sheet
  - Alignment data
  - Plan and profile sheets
  - Erosion control and disturbed area plan
  - Signing and striping plans
  - Cross-sections
  - Detailed Traffic control plan
- Included services to prepare roadway plans are as follows:
  - Project coordination with sub-contractors and City staff
  - Site visits
  - Evaluate options to reduce costs
  - Prepare preliminary roadway plans and cost estimate
  - Plan review meetings

- Finalize roadway plans and detailed cost estimate
- Attend plan review meetings
- Attend the pre-bid conference
- Survey and Mapping: Topographic survey will extend to approximately 50' on both sides of the centerline.
- Geotechnical Studies: Will be provided by Terracon – See attached scope of services for Roadway Geotechnical Investigation.
- The goal is that all work is to be accomplished within the existing right of way. Design emphasis will be placed on not disturbing the existing utilities within the project area.
- Waterline replacements within the project corridor will be limited to those required for the proposed roadway improvements.
- Sanitary sewer replacements within the project corridor will be limited to those required for the proposed roadway improvements.
- Storm sewers within the project corridor will be designed to convey the 1% chance storm.
  - Connectivity will be maintained with lateral storm sewer systems, but no improvements will be made.
- Construction Services
  - Assistance in the preparation of bidding documents, and addenda as needed.
  - Attendance at the pre-bid conference and pre-work conference.
  - Response to all Request for Information and Submittals during construction.
  - Daily inspection services are not included in this contract.

- 2.12 Permits

The Consultant shall work with the City to avoid and minimize impacts to any jurisdictional waters and wetlands. A letter of map revision (LOMR) is anticipated, the additional work required to complete it will be supplemented or task ordered after construction is completed. The Consultant shall complete the Oklahoma Department of Environmental Quality (ODEQ) Notice of Intent (NOI) form at the time of submittal of final plans and cost estimate.

**3.0 Applicable Documents.** Map attached.

**4.0 Reports.**

Monthly Status Report (MSR). The Contractor shall prepare a Monthly Status and email to Jared Jakubowski and Kahley Gilbert on the final day of each month.

### 6.0 Schedule.

- Prepare Survey 9/22/15-11/5/15
- 35% Design 11/6/15-2/4/16
  - Client Review 1/21/16-2/4/16
- 75% Design 2/5/16-5/20/16
  - Client Review 5/6/16-5/20/16
- 95% Design 5/21/16-8/19/16
  - Client Review 8/5/16-8/19/16
- 100%Design 8/20/16-9/19/16
  - Submit to Client 9/19/16

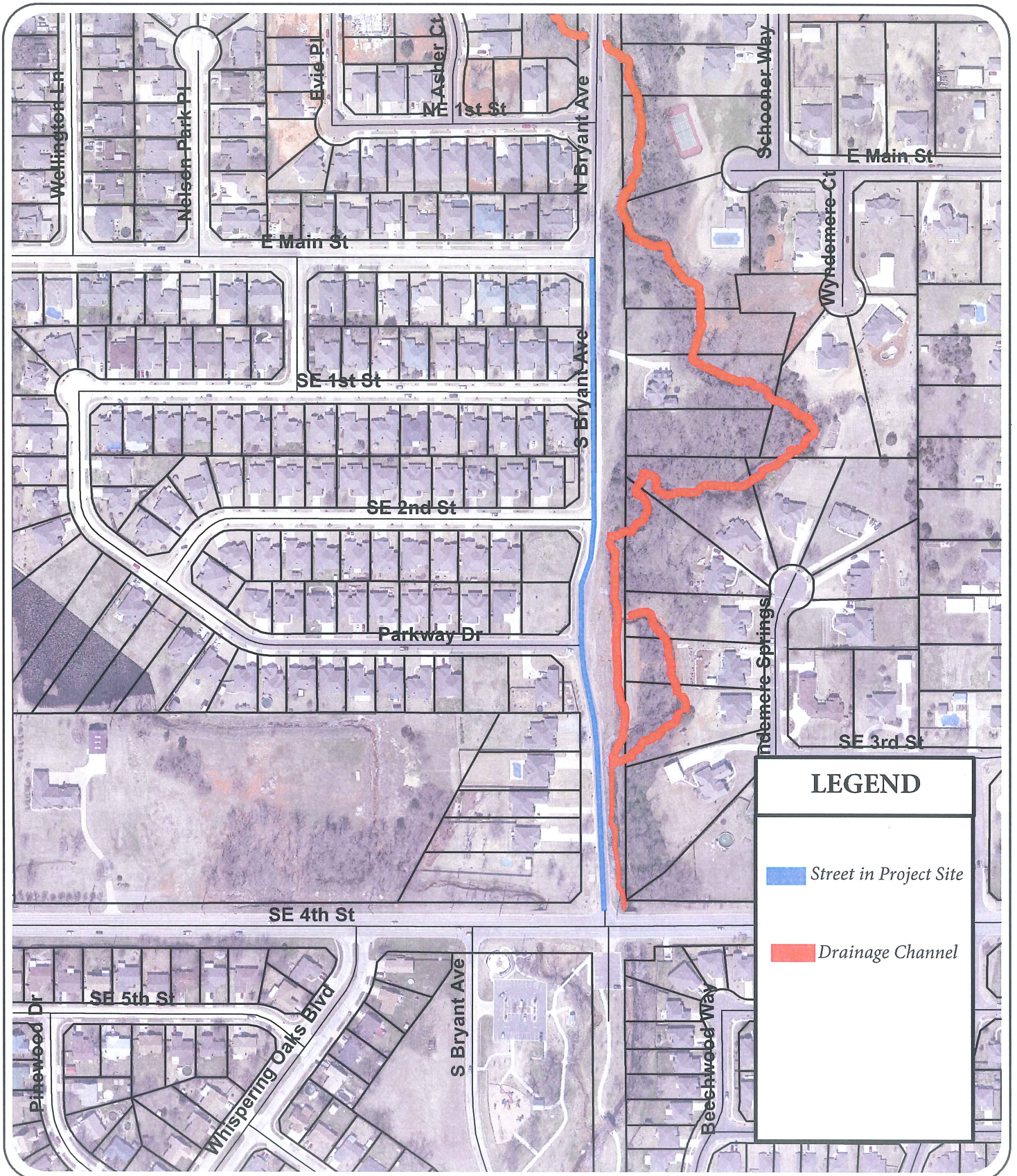
### 7.0 Budget

- Survey \$8,880.00
- Design Services \$51,705.00
- Construction Services \$7,140.00
- **Total Engineering Fee \$67,725.00**





# South Bryant I-13-E-URG







# City of Moore Oklahoma

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## NOTICE TO PROCEED

**DATE:** September 2, 2016

**TO:** Meshek & Associates

**PROJECT:** N. Bryant Engineering, P-09-Landscape and Irrigation Plan

The City of Moore has considered the budget submitted by you for the above referenced project.

You are hereby notified the budget has been accepted in the amount of \$28,492.00.

You are required to return an acknowledged copy of Notice to Proceed to the City of Moore.

Dated this 2<sup>nd</sup> day of September, 2016.

By: \_\_\_\_\_

Jared Jakubowski, Grants Manager

## ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice to Proceed is hereby acknowledge by \_\_\_\_\_,

this 7<sup>th</sup> day of September, 2016.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Manager

**Task Order # 2B**

**Engineering Firm: Meshek & Associates**

**Project Number: P-09**

**9/2/16**

**Project Name: N. Bryant Ave, Landscape and Irrigation Plan**

**1.0 Project Description:** Provide preliminary design, final design bid plan set for inclusion in the Meshek roadway plan set for Bryant Avenue.

**2.0 Scope/Objective & Deliverables:**

- **Preliminary Design**
  1. Review of proposed plans from SE 4th St to NE 12th St
  2. Trail layout/bikeway coordination (conceptual alignment)
  3. Prepare draft landscape plans (Includes title sheet, key map, planting plans, details)
  4. Prepare cost estimate for all planting, budget for irrigation
  5. Review meeting with City
  
- **Final Design**
  1. Finalize landscape preliminary plans based on City comment
  2. Prepare final irrigation plans (netafim drip irrigation for median and bubbler emitters for trees in ROW)
  3. Revise cost estimate
  4. Transmit final plans to City for review and comment
  5. Revise plans as needed
  6. Provide digital PDF's for inclusion in Meshek plan sets.
  7. Deliver bid sets to City

**3.0 Applicable Documents.** Map attached.

**4.0 Reports.**

Monthly Status Report (MSR). The Contractor shall prepare a Monthly Status and email to Jared Jakubowski and Kahley Gilbert on the final day of each month.

**5.0 Schedule.**

Final Design by 12/31/2016

**6.0 Budget**

Preliminary Design	\$10,854.00
Final Design	<u>\$17,638.00</u>
Total	\$28,492.00



# City of Moore Oklahoma

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## NOTICE TO PROCEED

**DATE:** June 7, 2017  
**TO:** Meshek & Associates  
**PROJECT:** N. Bryant Engineering, P-09, Perspective Images

The City of Moore has considered the budget submitted by you for the above referenced project.

You are hereby notified the budget has been accepted in the amount of \$5,196.50.

You are required to return an acknowledged copy of Notice to Proceed to the City of Moore.

Dated this 7<sup>th</sup> day of June, 2017.

By:   
Jared Jakubowski, Grants Manager

## ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice to Proceed is hereby acknowledge by Benjamin W. Fletcher,  
this 7<sup>th</sup> day of June, 2017.

By:   
Benjamin W. Fletcher

Title: Manager



**Task Order # 2C**

**Engineering Firm: Meshek & Associates**

**Project Number: P-09**

**6/6/2017**

**Project Name: N. Bryant Ave, Perspective Images**

**1.0 Project Description:** Provide perspective images for the final design of Bryant Avenue.

**2.0 Scope/Objective & Deliverables:** To prepare three perspective graphics for the N. Bryant Avenue roadway project that will show the finished streetscape design. Our tasks are as follows:

**Conceptual Design Phase**

1. Review graphic needs with Meshek as described by City
2. Visit site to photograph "before" images in three locations indicated by City for perspectives
3. Prepare 3 draft perspective graphics (before/after image)
4. Review with City and Meshek
5. Revise 3 perspective graphics as needed

**3.0 Applicable Documents.** N/A

**4.0 Reports.**

Monthly Status Report (MSR). The Contractor shall prepare a Monthly Status and email to Phrakhoun Saynyarack at [psaynyarack@cityofmoore.com](mailto:psaynyarack@cityofmoore.com) on the final day of each month.

**5.0 Schedule.**

Images by 7/15/2017

**6.0 Budget**

Perspective Images    \$5,196.50



# City of Moore Oklahoma

301 N. Broadway, Moore, OK 73160 | (405) 793-5000 | [www.cityofmoore.com](http://www.cityofmoore.com)

## NOTICE TO PROCEED

**DATE:** July 19, 2017

**TO:** Meshek & Associates

**PROJECT:** N. Bryant Engineering, P-09, Perspective Image

The City of Moore has considered the budget submitted by you for the above referenced project.

You are hereby notified the budget has been accepted in the amount of \$2,265.00.

You are required to return an acknowledged copy of Notice to Proceed to the City of Moore.

Dated this 19<sup>th</sup> day of July, 2017.

By: \_\_\_\_\_  
Jared Jakubowski, Grants Manager

## ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice to Proceed is hereby acknowledge by Meshek & Associates, LLC  
this 19<sup>th</sup> day of July, 2017.

By: Ben Fletcher, PE, LSI

Title: Principal

## Task Order # 2D

**Engineering Firm: Meshek & Associates**

**Project Number: P-09**

**7/19/2017**

**Project Name: N. Bryant Ave, Perspective Images at NE 1<sup>st</sup> St.**

**1.0 Project Description:** Provide perspective an image for the final design of Bryant Avenue.

**2.0 Scope/Objective & Deliverables:** To prepare one graphic for the N. Bryant Avenue roadway project that will show the finished streetscape design. Our tasks are as follows:

**Conceptual Design Phase**

1. Review graphic needs as described by City
2. City of Moore will provide drone photo for background image near bridge and intersection of NE 1<sup>st</sup> Street and Bryant Avenue
3. Prepare draft graphic looking down Bryant Avenue including the median design, and bridge crossing overlaid on fly-over background image from City.
4. Review with City.
5. Revise graphics as needed.

**3.0 Applicable Documents.** N/A

**4.0 Reports.**

Monthly Status Report (MSR). The Contractor shall prepare a Monthly Status and email to Phrakhoun Saynyarack at psaynyarack@cityofmoore.com on the final day of each month.

**5.0 Schedule.**

Images by 8/21/2017

**6.0 Budget**

Perspective Image     \$2,265.00