



CITY OF  
**PEORIA**  
DEPARTMENT OF PUBLIC WORKS  
3505 N. DRIES LANE  
PEORIA IL 61604-1210  
(309) 494-8800

CONSULTANT: Hanson  
WO NO.: 16-06 Hanson  
PROJECT: Northmoor Road Design Eng  
MASTER AGREEMENT DATE: 04-12-2016

*AMENDS  
P.O. #112715*

**ENGINEERING WORK ORDER  
ASSIGNMENT AGREEMENT**

MASTER AGREEMENT APPROVAL DATE: 04-12-2016	WORK ORDER NO.: 16-06 Hanson
DATE OF ASSIGNMENT: 01-09-2017	<b>CITY PROJECT NO. M14302</b>
CONSULTANT: Hanson Professional Services, Inc.	
Consultant's Job No.: 13L0171	

**PROJECT NAME AND LOCATION:**  
Northmoor Road (Allen Road to University Street) additional design engineering

**DESCRIPTION OF WORK INVOLVED:**  
Design engineering for the Northmoor Road project

ESTIMATED START DATE: 01/09/2017	ESTIMATED COMPLETION DATE: 10-30-2019
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NOT TO EXCEED TOTAL COST OF THIS WORK ORDER =	\$30,000
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SUBMITTED: <u>Hanson Professional Services Inc.</u>	
CONSULTANT	
<u>Jucinda A. Loos</u> Vice President Consultant's Signature and Title	<u>06/28/2017</u> DATE
AUTHORIZED: <u>Billie</u>	<u>7/14/17</u> DATE
CITY OF PEORIA, CITY ENGINEER	

See attached Master Service Agreement Work Order Budget Summary



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CONSULTANT: Hanson  
WO NO.: 16-07 Hanson  
PROJECT: Northmoor Road Design Eng  
MASTER AGREEMENT DATE: 04-12-2016

**ENGINEERING WORK ORDER  
ASSIGNMENT AGREEMENT**

MASTER AGREEMENT APPROVAL DATE: 04-12-2016	WORK ORDER NO.: 16-07 Hanson
DATE OF ASSIGNMENT: 08-31-2017	
CONSULTANT: Hanson Professional Services, Inc.	CITY PROJECT NO. M14302
Consultant's Job No.: 13L0171 Task 4000	

<b>PROJECT NAME AND LOCATION:</b> <u>Northmoor Road (Allen Road to University Street)</u>
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<b>DESCRIPTION OF WORK INVOLVED:</b> <i>Design and coordination for utility relocations</i>
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ESTIMATED START DATE: 08/31/2017	ESTIMATED COMPLETION DATE: 04-30-2018
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NOT TO EXCEED TOTAL COST OF THIS WORK ORDER =	\$5,000
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SUBMITTED: <u>Hanson Professional Services Inc.</u> CONSULTANT	
<u><i>Lucinda A. Loos</i></u> Vice President Consultant's Signature and Title	<u>08/31/2017</u> DATE
AUTHORIZED: _____ CITY OF PEORIA, CITY ENGINEER	_____ DATE

See attached Master Service Agreement Work Order Budget Summary



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CONSULTANT: Hanson  
WO NO.: 16-08 Hanson  
PROJECT: Northmoor Road Design Eng  
MASTER AGREEMENT DATE: 04-12-2016

**ENGINEERING WORK ORDER  
ASSIGNMENT AGREEMENT**

MASTER AGREEMENT APPROVAL DATE: 04-12-2016	WORK ORDER NO.: <b>16-08 Hanson</b>
DATE OF ASSIGNMENT: 09-13-2017	
CONSULTANT: Hanson Professional Services, Inc.	<b>CITY PROJECT NO. M14302</b>
Consultant's Job No.: 13L0171 Task 4100	

<b>PROJECT NAME AND LOCATION:</b> <u>Northmoor Road (Allen Road to University Street)</u>
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<b>DESCRIPTION OF WORK INVOLVED:</b> <i>Shop drawing review for lighting, retaining walls and signals.</i>
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ESTIMATED START DATE: 09/18/2017	ESTIMATED COMPLETION DATE: 04-30-2018
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NOT TO EXCEED TOTAL COST OF THIS WORK ORDER =	\$20,000
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SUBMITTED: <u>Hanson Professional Services Inc.</u> CONSULTANT	
<i>Jucinda A. Toos</i> Vice President Consultant's Signature and Title	<u>09/19/2017</u> DATE
AUTHORIZED: _____ CITY OF PEORIA, CITY ENGINEER	_____ DATE

**See attached Master Service Agreement Work Order Budget Summary**

## Hanson Master Service Agreement Work Order Budget Summary

Date approved by Council: 4/12/2016  
 Original Contract Amount (not to exceed): \$1,500,000

WO#	Date	Description	Initial Estimate	Final Cost	Status	City PM
16-01	10/4/16	Sheridan Bridge	\$50,000	\$44,870.34	Complete	AMK
16-02	10/4/16	Sheridan Road – South	\$375,000		In Progress	AMK
16-03	11/9/16	Sheridan Road – North	\$37,000	\$7,437.48	Complete	AMK
16-04	12/22/16	Northmoor Road	\$120,000	\$120,000	In Construction	JG
16-05	03/20/17	Northmoor Road	\$30,000		In Construction	JG
16-06	06/28/17	Northmoor Road	\$30,000		In Construction	JG
16-07	08/31/17	Northmoor Road	\$5,000		In Construction	JG
16-08	09/19/17	Northmoor Road	\$20,000		In Construction	JG
Total Cost of Work Orders:			\$667,000			
Remaining Contract Amount:			\$833,000			

**WORK ORDER NO.: 16-06,07&08 Hanson**  
**EXHIBIT A: SCOPE OF SERVICES**  
**NORTHMOOR ROAD: ALLEN ROAD TO UNIVERSITY STREET**  
**SECTION NO. 05-00302-00-PV**  
**SUPPLEMENT NO. 2**

Hanson Professional Services Inc. shall prepare project development studies and design plans, specifications and estimates for the reconstruction of Northmoor Road from Allen Rd. to University St., in the City of Peoria for the City of Peoria (CITY). The work will consist of removing the existing two lane roadway section and adjacent sidewalk and constructing a new 3-lane concrete roadway section with curb and gutter, sidewalks along the north side of the road and a multiuse path along the south side, roadway profile and alignment adjustment, retaining walls, storm sewers, green infrastructure to help reduce storm water runoffs as appropriate and feasible, traffic signals at the Allen Road and Rosemead Drive intersections, roadway lighting, and box culvert and stream repairs.

The Project shall be designed in accordance with Motor Fuel Tax (MFT) standards and Specifications of the Illinois Department of Transportation, except as may be modified or approved by the City of Peoria Public Works Department.

Plans will be prepared in English units (feet) using Microstation software in accordance with CAD conventions of the Illinois Department of Transportation (IDOT) in IL State Plane Coordinates (West Zone).

**SERVICES:** The Scope of Services will be limited to the following:

- A. Calculate quantities from original design for cost comparison
  - 1. Allen Road intersection
  - 2. Northmoor from Rosemead to University
- B. Additional plat preparation
  - 1. New Pes for drainage at Richwoods & Expo
  - 2. Flexer plat for whole take
  - 3. Revise TEs at new PEs
- C. Update final plans for ROW revisions
  - 1. Prepare plan sheets
  - 2. Print revised sheets
  - 3. Deliver to IDOT
- D. Flexer revisions
  - 1. Revise design to remove TE from Flexer property
  - 2. Add bike trail to north side
  - 3. Update plan sheets for changes
  - 4. Submit to City and IDOT for review
- E. Land Acquisition for two additional parcels
  - 1. Negotiate for two new PEs after parcels already complete
  - 2. Coordination with Terra

- F. Review options to design around Rosewood
  - 1. Look at options for bike trail relocation
  - 2. Review cross sections to determine cross slopes and tie in points
  - 3. Determine how to tie in within existing ROW
  
- G. Prepare Addendum
  - 1. Review sheets with design changes after final plans were approved
  - 2. Cloud changes and add revision dates
  - 3. Submit Addendum to IDOT
  
- H. Additional Utility Coordination
  - 1. Provide CADD drawings and .pdf to utilities as requested
  - 2. Provide coordinates to utilities for possible conflict locations
  - 3. Attend utility meeting
  - 4. Review updated utility information with respect to design
  - 5. Expo sign location
  - 6. Coordinate with Millennia on possible conflicts
  
- I. Design and coordination for utility relocation
  - 1. Update design files with survey information on location of existing utilities
  - 2. Determine location for utilities to relocate
  - 3. Update cross sections and plan sheets to give horizontal and vertical locations for utilities to relocate.
  - 4. Coordination with City, Construction Engineer, and Utility Companies.
  
- J. Provide shop drawing review for design conformity and general conformance to contract documents
  - 1. Lighting
  - 2. Three Retaining Walls
  - 3. Signals

**WORK ORDER NO.: 16-06&07 Hanson**  
**EXHIBIT A: SCOPE OF SERVICES**  
**NORTHMOOR ROAD: ALLEN ROAD TO UNIVERSITY STREET**  
**SECTION NO. 05-00302-00-PV**  
**SUPPLEMENT NO. 2**

Charges for additional professional services performed by our firm for all services listed in the Scope of Services will be made on the basis of hourly rates using the multiplier of 3.0. The compensation for these services shall not exceed \$35,000 without authorization from the LA. Billings will be issued at least monthly, and will be based upon total services completed and expenses incurred at the time of billing.

<b>Task</b>	<b>Fee</b>
Calculate Quantities	\$ 2,300
Additional plats	\$ 6,700
Update plans for ROW revision	\$ 1,330
Remove Flexer TE	\$10,075
Additional Land Acquisition	\$ 2,740
Options at Rosewood	\$ 760
Addendum	\$ 1,455
Additional utility coordination	\$ 4,640
Design & Coordination for utility relocation	\$ 5,000
Shop Drawing Review	\$20,000
<b>Total Fee</b>	<b>\$55,000</b>