

SUBMITTED BY:

OTTO BAUM COMPANY, INC.

CONTRACTOR'S NAME

866 N. Main St.

CONTRACTOR'S ADDRESS

Morton, IL 61550

CITY, STATE, ZIP

STATE OF ILLINOIS

CITY OF PEORIA

COUNTY OF PEORIA

SPECIFICATIONS, PLANS, MATERIAL
QUANTITIES AND CONTRACT BID

FOR

POPLETT HOLLOW ROAD CULVERT REPLACEMENT

TO BE CONSTRUCTED UNDER THE PROVISIONS OF
THE CITY OF PEORIA



BID OPENING: 2:00 P.M., Tuesday June 10, 2014
Contract awarded by City Council: July 8, 2014

Scott D. Reeise, P.E., City Engineer

**CITY OF PEORIA
CONTRACT**

This agreement, made and entered into this _____ day of _____, 2014, by and between the City of Peoria, an Illinois Municipal Corporation, Party of The First Part, and OTTO BAUM COMPANY, INC., Party of The Second Part for the improvement known as the POPLETT HOLLOW ROAD CULVERT:

WITNESSETH: That for and in consideration of the payments and agreements mentioned in the proposal hereto attached, to be made and performed by the Party of the First Part, and according to the terms expressed in the bond referring to these presents, the Party of The Second Part agrees with said Party of The First Part, at his/their own proper cost and expense to furnish and deliver all the work, materials and supplies in accordance with the specifications contained in said proposal, and in full compliance with all the terms of this agreement, for the amount of TWO HUNDRED SIXTY-NINE THOUSAND, NINE HUNDRED EIGHTY-THREE DOLLARS (\$269,983.00).

IT IS UNDERSTOOD AND AGREED that the instructions to bidders, proposal, bid, specifications, performance bond and maintenance bond are component parts of this contract and shall be deemed a part hereof. It is also understood and agreed that the contractor shall not assign, transfer, convey or otherwise dispose of this contract, or his right to execute it, or his right, title or interest in or to it or any part thereof, unless the previous written consent of the City Manager of the City of Peoria shall first be obtained thereto.

EMPLOYEE/EMPLOYMENT RESTRICTIONS – THE CONTRACTOR:

THE CONTRACTOR (hereinafter referred to as “SERVICE PROVIDER”) agrees, as a condition of accepting this contract with the City of Peoria, that, for a period of one (1) year following completion of this contract, it shall be prohibited from hiring, directly or indirectly, any City employee or official who was involved, directly or indirectly in: (1) the selection and/or recommendation to select the SERVICE PROVIDER for performance of this contract; (2) coordinating the efforts of the SERVICE PROVIDER in the consummation or completion of this contract; or (3) monitoring or determining the performance of the SERVICE PROVIDER. The SERVICE PROVIDER further acknowledges and agrees that, upon the City’s determination that a violation of this provision has occurred, the penalty imposed, at the sole discretion of the City, may include one or more of the following: (1) cancellation of any other contract(s) between the City of Peoria and the SERVICE PROVIDER; (2) disqualification of the SERVICE PROVIDER from bidding or being awarded future contracts with the City of Peoria for a period of two [2] years; and/or (3) payment of liquidated damages to the City of Peoria in the amount of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00). This does not apply to any City Employee involved in the 2011-12 reduction in force; nor does it apply to parties taking the Early Retirement incentive offered by the City from November 1, 2011 through November 1, 2012.

IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.

THE CITY OF PEORIA

BY: *[Signature]*
City Manager

ATTEST: *[Signature]*
City Clerk

EXAMINED AND APPROVED:
[Signature]
Corporation Counsel

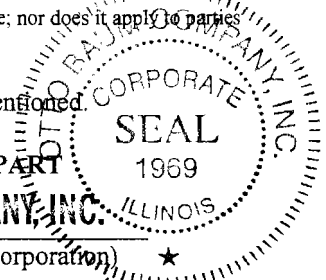
PARTY OF THE SECOND PART

OTTO BAUM COMPANY, INC.
(name of individual, firm or corporation) ★
BY: *[Signature]* 7/15/14
(member of firm or officer of corporation)

(If a Co-Partnership)
_____(seal)
_____(seal)

Partners doing business under the firm name
of _____(seal)
(PARTY OF THE SECOND PART)

(If an Individual)
_____(seal)
(PARTY OF THE SECOND PART)



COUNTY OF Tazewell)

I, Nancy J. Luchtefeld, a Notary Public in and for said County, in the

State aforesaid, do hereby certify that Sue Carruthers,
who is personally known to me to be the same person who signed the above foregoing instrument as the

Attorney in Fact for Travelers Casualty and Surety Company of America,
appeared before me this day in person and acknowledged that he signed the name of

Sue Carruthers, thereto, as his Principal, and his own name as Attorney
in Fact, as the free and voluntary act of his said Principal for the uses and purposes therein set forth, and
that he executed the said instrument under authority given him by his said Principal.

Given under my hand and Notarial Seal, this 24th day of July, 2014.



Nancy J. Luchtefeld
Notary Public



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 227358

Certificate No. 005793991

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Sue Carruthers, Laura L. Andrews, Mike Kuhl, Amy Boll, Nancy J. Luchtefeld, Scott Howard, Miranda L. Leininger, David Zern, and Jonathan Weber

of the City of Morton, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 11th day of February, 2014.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 11th day of February, 2014, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of July, 2014

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.



ADDENDUM NO. 1

**CITY OF PEORIA
POPLETT HOLLOW ROAD CULVERT REPLACEMENT PROJECT
BID OPENING JUNE 10, 2014 @ 2 PM AT PEORIA PUBLIC WORKS**

Addendum Issued: June 06, 2013

RE: **Addendum #1** for the Poplett Hollow Road Culvert Replacement Project

The following shall be considered part of the Contract documents.

REVISED BID DOCUMENT (Issued with this Addendum):

- 1) Page 8 – Change Aggregate base course, Type B 8” from 2538 SQ YD to 279 SQ YD
- 2) Page 8 – Change Hot-Mix Asphalt Surface Course, Mix “C”, N30 from 422 TON to 48 TON
- 3) Plan Sheet 3 – Change Aggregate base course, Type B 8” from 2538 SQ YD to 279 SQ YD
- 4) Plan Sheet 3 – Change Hot-Mix Asphalt Surface Course, Mix “C”, N30 from 422 TON to 48 TON

This addendum must be acknowledged as part of the submittal package. Failure to do so may subject Bidder to Disqualification.

Sincerely,

A handwritten signature in cursive script that reads "Andrea Klopfenstein".

Andrea Klopfenstein, P.E.
Project Engineer

SCHEDULE OF PRICES

Item #	Item Description	Quantity	Unit	Unit Cost	Item Total
1	SEEDING, CLASS 1A	0.25	ACRE		\$ -
2	TEMPORARY DITCH CHECK	20	FOOT		\$ -
3	STONE RIPRAP, CLASS A5	130	SQ YD		\$ -
4	GABIONS	40	CU YD		\$ -
5	AGGREGATE BASE COURSE, TYPE B 8"	279	SQ YD		\$ -
6	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	48	TON		\$ -
7	PAVEMENT REMOVAL	320	SQ YD		\$ -
8	DRIVEWAY PAVEMENT REMOVAL	9	SQ YD		\$ -
9	AGGREGATE SHOULDERS, TYPE B 6"	32	SQ YD		\$ -
10	REMOVAL OF EXISTING STRUCTURES	1	EACH		\$ -
11	TEMPORARY BRIDGE COMPLETE	1	EACH		\$ -
12	BOX CULVERT END SECTIONS, CULVERT NO. 1	2	EACH		\$ -
13	PRECAST CONCRETE BOX CULVERTS 7' X 6'	72	FOOT		\$ -
14	PERMANENT STEEL SHEET PILING	390	SQ FT		\$ -
15	GRANULAR BACKFILL FOR STRUCTURES	240	CU YD		\$ -
16	CONCRETE GUTTER, TYPE A (SPECIAL)	140	FOOT		\$ -
17	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	L SUM		\$ -
18	EMERGENCY BACKFILL	1	L SUM		\$ -

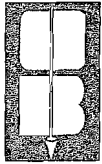
SUMMARY OF QUANTITIES				
PAY CODE	SP	ITEM DESCRIPTION	UNIT	QUANTITY
25000110	X	SEEDING, CLASS 1A	ACRE	0.25
28000305		TEMPORARY DITCH CHECK	FOOT	20
28100109	X	STONE RIPRAP, CLASS A5	SQ YD	130
28400100		GABIONS	CU YD	40
35102000		AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	279
40603305		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	48
44000100		PAVEMENT REMOVAL	SQ YD	320
44000200		DRIVEWAY PAVEMENT REMOVAL	SQ YD	9
48101500		AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	32
50100100		REMOVAL OF EXISTING STRUCTURES	EACH	1
51300105	X	TEMPORARY BRIDGE COMPLETE	EACH	1
54001001		BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54010706		PRECAST CONCRETE BOX CULVERTS 7' X 6'	FOOT	72
X5121800	X	PERMANENT STEEL SHEET PILING	SQ FT	390
X5880110	X	GRANULAR BACKFILL FOR STRUCTURES	CU YD	240
X6062700	X	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	140
X7010216	X	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	X	EMERGENCY BACKFILL	L SUM	1



X DENOTES SPECIAL PROVISION

REVISED QUANTITIES

FILE NAME *	USER NAME *	DESIGNED -	REVISED - REV. 1 06/06/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	P.A. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT NUMBER	DESIGNED BY	DRAWN -	REVISED -				N/A	PEORIA	11	3
PLOT SCALE *	CHECKED -	REVISED -								
PLOT DATE *	DATE -	REVISED -				SCALE: NTS	SHEET	OF	SHEETS	STA.



OTTO BAUM COMPANY, INC.

C O N T R A C T O R S

MASONRY ■ CONCRETE ■ EARTHWORK ■ SITE/CIVIL ■ RESTORATION

www.otfobaum.com

217-528-2386 ■ Fax 217-528-3074

1700 Clear Lake Ave. ■ Springfield, IL 62703

June 22, 2014

Ms. Andrea Klopfenstein, P.E.
City of Peoria
3505 N. Dries Lane
Peoria, IL 61602

Re: Poplett Hollow Road
Culvert Replacement
Cost Savings Proposal

Dear Ms. Klopfenstein,

Otto Baum Company, Inc. is pleased to offer the City of Peoria a cost savings concept utilizing a temporary crossing in lieu of the temporary bridge complete for the above-mentioned project.

Original Bid Proposal

Temporary Bridge Complete	1 Each	\$80,000.00
Emergency Backfill	1 LS	<u>\$4900.00</u>
Total		\$84,900.00

Cost Savings Proposal

Temporary Crossing	1 LS	<u>\$27,000.00</u>
Total		\$27,000.00

Cost Savings Total **\$57,900.00**

As mentioned above our proposal will utilize a temporary crossing that will consist of a 6' diameter metal culvert pipe approximately 20 feet in length installed in the upstream end of the creek channel. The culvert pipe will be bedded and backfilled with CA-6 course aggregate. The roadway will be constructed over the temporary culvert approximately 12 feet wide by 120 feet in length consisting of 6 inches of CA-6 course aggregate for roadway base and 2 stop signs mounted on A-frame stands to control the single lane of traffic during stage 1 construction. Please see attached details that illustrate the crossing and roadway alignment.

Please note once the crossing has been installed it will be Otto Baum's intent to begin stage 1 construction by closing the road and beginning the demo operation. The demo operation will include the removal of the existing 6' diameter pipe culvert, miscellaneous tree and debris removal, removal of the existing pavement, removal of the existing gabion and the driveway pavement removal. The next operation will consist of excavation, grading and placing of the 6" bedding course for the downstream cast in place end section and the precast box culvert sections. Next we will begin installing the precast box sections from the downstream end to the upstream end where the box sections terminate. Once the box culvert sections are installed we will form and pour the cast in end section and complete any additional work remaining to complete stage 1 (i.e. miscellaneous concrete, backfilling, gabion installation and installing riprap on the downstream end). After stage 1 work is complete Otto Baum will

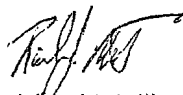
then remove the temporary crossing installed in the pre-stage and let traffic cross over the newly constructed box culvert driving on the aggregate base. Upon removal of the temporary crossing we will begin stage 2 construction consisting of excavation, grading, installation of the bedding layer for the upstream cast in place end section, the upstream cast in place end section, backfilling, installation of the riprap at the upstream end, miscellaneous grading of site, placement of the HMA pavement and final seeding of site.

Also note, the cost savings proposal offered will not have any effect on the substantial complete date of September 30, 2014, or the final completion date of October 7, 2014.

We believe the temporary crossing not only provides a cost savings to the City but, will safely serve the purpose of the original contract by offering the residents access to their dwellings along with any emergency vehicles that could potentially be needed while this project is under construction.

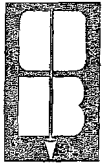
We appreciate the City of Peoria's consideration in this matter and ask that you please contact me at 309-284-1748 should you have any further questions regarding this proposal.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Miller".

Richard J. Miller
Otto Baum Company, Inc.

Enclosure



OTTO BAUM COMPANY, INC. City of Peoria

C O N T R A C T O R S

MASONRY ■ CONCRETE ■ EARTHWORK ■ SITE/CIVIL ■ RESTORATION

www.ottobaum.com

217-528-2386 ■ Fax 217-528-3074

1700 Clear Lake Ave. ■ Springfield, IL 62703

VE Proposal revised 6/13/14

Contact: Rich Miller
217-622-0257

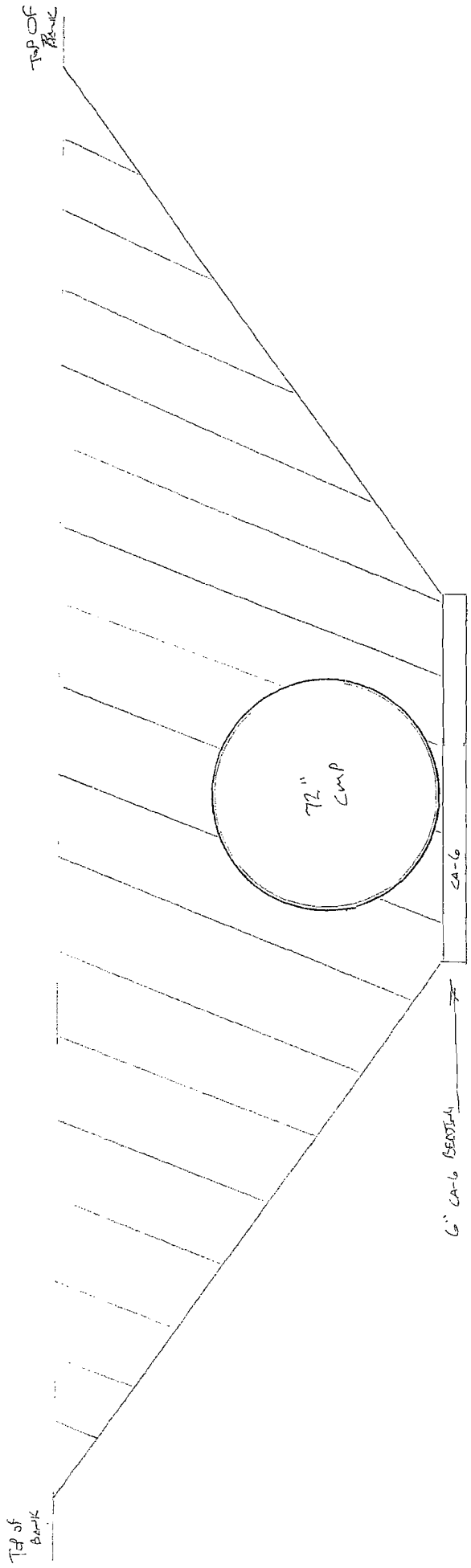
Job Name: Poplett Hollow Rd. Culvert Replacement
City of Peoria, IL

Acknowledge Addendum #1

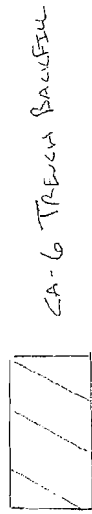
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	SEEDING, CL 1A	0.25	ACRE	7,300.00	1,825.00
20	TEMPORARY DITCH CHECK	20.00	FT	42.00	840.00
30	STONE RIPRAP, CLASS A5	130.00	SY	100.00	13,000.00
40	GABIONS	40.00	CY	235.00	9,400.00
50	AGGREGATE BASE COURSE, TYPE B 8"	279.00	SY	20.00	5,580.00
60	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	48.00	TON	185.00	8,880.00
70	PAVEMENT REMOVAL	320.00	SY	9.00	2,880.00
80	DRIVEWAY PAVEMENT REMOVAL	9.00	SY	34.00	306.00
90	AGGREGATE DRIVEWAY SHOULDERS, TYPE B 6"	32.00	SY	61.00	1,952.00
100	REMOVAL OF EXISTING STRUCTURES	1.00	EA	28,000.00	28,000.00
110	TEMPORARY BRIDGE COMPLETE		EA		
120	BOX CULVERT END SECTIONS, CULVERT NO. 1	2.00	EA	32,500.00	65,000.00
130	PRECAST CONCRETE BOX CULVERTS 7'X6'	72.00	FT	625.00	45,000.00
140	PERMANENT STEEL SHEET PILING	390.00	SF	52.00	20,280.00
150	GRANULAR BACKFILL FOR STRUCTURES	240.00	CY	83.00	19,920.00
160	CONCRETE GUTTER, TYPE A (SPECIAL)	140.00	FT	118.00	16,520.00
170	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1.00	LS	3,600.00	3,600.00
180	EMERGENCY BACKFILL		LS		
1000	TEMPORARY CROSSING	1.00	LS	27,000.00	27,000.00
GRAND TOTAL					\$269,983.00

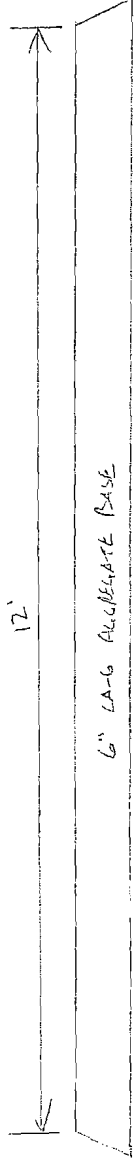
NOTES:

Temporary Bridge Complete and the Emergency Backfill have been deleted from this proposal as part of the value engineering proposal and replaced with the Temporary Crossing.

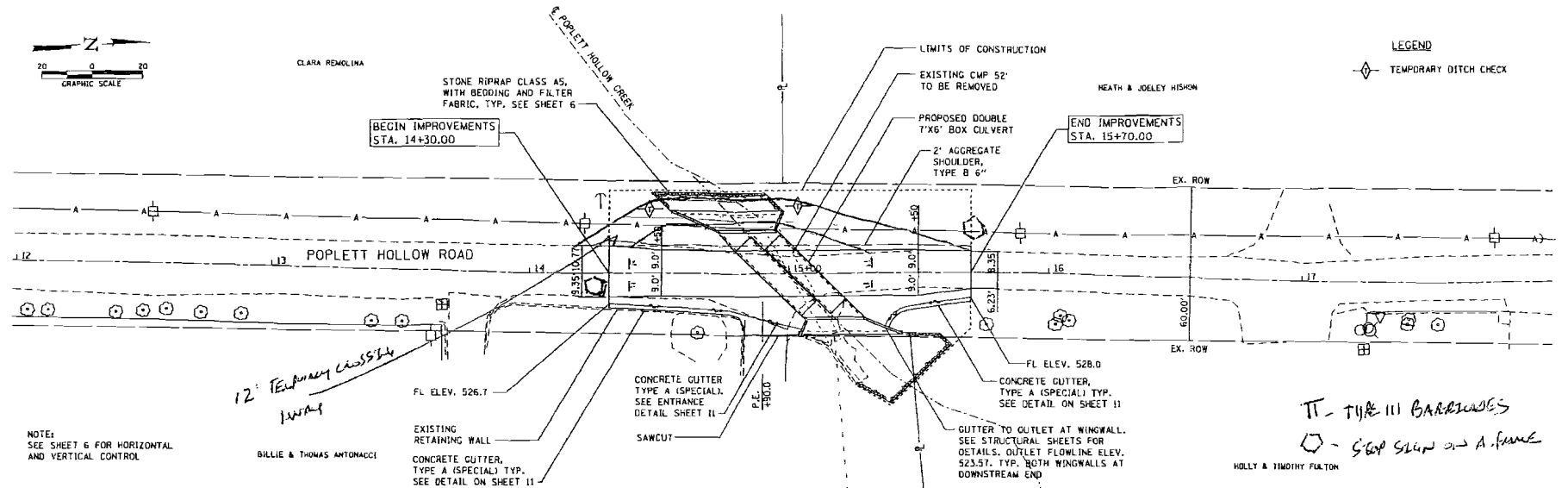
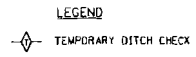


THROUGH SECTION OF UPSTREAM CHANNEL FOR T&E CROSSING





TYPICAL SECTION OF TEMP CLASSIFIER

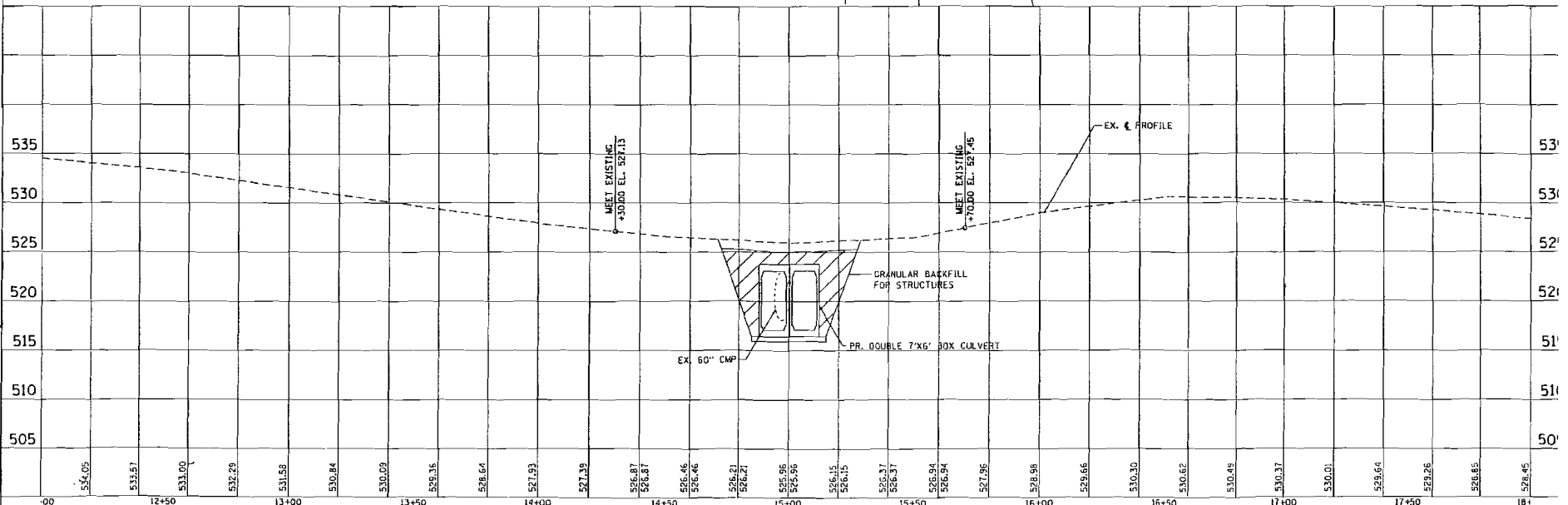


NOTE:
SEE SHEET 6 FOR HORIZONTAL
AND VERTICAL CONTROL

TT - TYPE III BARRIAGES
○ - SIGN SIGN ON A FRAME
HOLLY & TIMOTHY FULTON

DATE	
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DRIVER: [unreadable]
FILE NAME: [unreadable]



CITY OF PEORIA SUB-CONTRACTOR UTILIZATION STATEMENT

Section I (select all that apply)

- MBE/WBE Subcontractor(s) will be utilized on this project
 Non MBE/WBE Subcontractor(s) will be utilized on this project

Section II: Prime Contractor

Project

Name: OTTO BAHM COMPANY, INC.
 Address: 806 N MAIN ST. ABERNATHY, IL
 Phone: 309-266-7114
 Contact Person: RICH MILLER
 Email: richmiller@ottobahm.com
 Ownership Status: MBE WBE M/WBE Non-M/WBE

Name: POPLETT HOLLOW ROAD REPAIR
 Total Contract Value: 269,983

Section III: Selected Subcontractors

Subcontractor Name	MBE, WBE or Non M/WBE	Amount	% of Total Contract	Scope of Work
THORNTON RAVE	MBE	26,748	10%	BOX CULVERT SUPPLY
CJL LANDSCAPING	WBE	1,025	1%	LANDSCAPING
CNS FORESTRY	WBE	11,450	4%	CLEARING
MCS	WBE	3,200	1%	TRAFFIC CONTROL
KENNEL TRUCKING	NON	16,520.35	6%	TRUCKING
TAZEWELL CO. ASPHALT	NON	8,400	3%	ASPHALT
TOTALS				

**If more than seven firms are utilized, please copy the form and attach the additional information.*

Section IV: Subcontractors that submitted bids but were not selected (M/WBE Only)

Subcontractor Name	Scope of Work Bid	Denial Reason
MILLENNIA	LANDSCAPING	NOT LOWEST QUOTE
WARD'S CUSTOM LANDSCAPING	LANDSCAPING	NOT LOWEST QUOTE
N.E. RUDD TRUCKING	TRUCKING	NOT LOWEST QUOTE

**If more than seven firms submitted quotes, please copy the form and attach the additional information.*

---Continues on next page---

For Office Use Only
 Reviewed by: _____

Section V: Subcontractors Contacted (M/WBE Only)

Subcontractor Name	Method of Contact	Contact Outcome


**If more than six firms were contacted, please copy the form and attach the additional information*

Section IV

The City of Peoria is committed to promoting equal opportunity and has established the following subcontractor utilization goals for city funded construction projects: 10% MBE and 5% WBE. Prime Contractors have an obligation to make a good faith effort to advance the city's commitment to increase diversity among the firms working on city construction projects.

This form must be completed and submitted with bid proposals. ALL subcontractors intended for use on this project shall be listed in the Section III above; along with the total amount to be paid to the subcontractors; percentage of total contract; and scope of work. If for whatever reason the prime contractor has to utilize a subcontractor not listed above, they must submit a Notification of Change in Participation.

The undersigned certifies that the information included herein is true and correct; the subcontractors listed above have agreed to perform the scope of work described. The undersigned further certifies that it has no controlling, dominating or conflict of interest in any of the listed subcontractors.



 Signature of Prime Contractor

6/13/14

 Date

For Office Use Only
 Reviewed by: _____

Org.: May 2008
 Revised: Feb. 2011

STATE OF ILLINOIS
CITY OF PEORIA

NOTICE TO BIDDERS

1. Time and Place of Opening Bids.

Sealed bid for the improvement described herein will be received at the Office of the City Engineer, 3505 N. Dries Lane, Peoria, Illinois, until **2:00 P.M., Tuesday June 10, 2014**, and at that time publicly opened and read.

2. Description of Work.

(A) Proposed improvement is officially known as the **POPLETT HOLLOW ROAD CULVERT REPLACEMENT.**

(B) The proposed improvement consists of earth excavation, subbase granular material, HMA pavement, aggregate shoulder, concrete gutter, concrete box culvert and end sections, sheet piling, gabions, traffic control and protection, seeding, various removals, and miscellaneous other improvements specified herein and as shown on the plans.

3. Instruction to Bidders.

(A) Specifications and bid forms may be examined at the Offices of the City Engineer, Public Works Facility, 3505 North Dries Lane, Peoria, IL. Before plans and specifications may be obtained, contractors must be pre-qualified. Complete sets of specifications and bid forms may be obtained on CD at no charge; contact information must be given in exchange for the CD. Each business may receive one CD at no-cost, or request electronic documents by email to pwdropbox@peoriagov.org.

(B) All bids must be accompanied by a bid guaranty as provided in Section 102 of the "Standard Specifications for Road and Bridge Construction" prepared by the Illinois Department of Transportation: a Bid Bond, or a bid guarantee of cash, a Bank Cashier Check, or a properly certified check made payable to the City of Peoria, for not less than five percent (5%) of the amount of the bid.

(C) Bidders shall submit their response in a sealed envelope which shall be clearly labeled with the organization/individual name and address. Bidders are requested to indicate in the LOWER LEFT HAND CORNER OF THEIR ENVELOPE THE PROJECT NAME: "POPLETT HOLLOW ROAD CULVERT REPLACEMENT", DATE AND TIME THE REQUEST IS DUE.

(D) The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of

possible substitute or "or-equal" items. Whenever it is specified or described in the Bidding Documents that a substitute or "or-equal" item of material or equipment may be furnished or used by the Contractor if acceptable to the Owners' Representative, approval must be obtained prior to the bid opening. The request to use substitute items must be accompanied by complete specifications of the substitute items.

- (E) Unit costs must be clearly identified for each component requested by the bid document or otherwise submitted by the Bidder. All costs shall be stated in U.S. dollars. Each pay item should have a unit price, a bid will be declared unacceptable if a unit price is not shown. In case of mistake in extension of cost, unit cost shall govern. All costing must be typewritten or written in ink. No erasures are permitted. Mistakes must be crossed out and corrections typewritten or written in ink adjacent thereto and initialed in ink by the party signing the bid or his/her authorized Representative.
- (F) Each bid must be signed by the Bidder with its usual signature. Bids by partnerships must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Bids by corporations must be signed with the name of the corporation, followed by the signature and title of person authorized to bind it on the matter. All signatures must be in ink.

4. Rejection of Bids.

The City of Peoria reserves the right to reject any or all bids as provided in Section 102 of the "Standard Specifications for Road and Bridge Construction," and LRS6 Recurring Special Provision, prepared by the Department of Transportation of the State of Illinois.

STATE OF ILLINOIS
CITY OF PEORIA

**PROPOSAL
TO THE CITY OF PEORIA:**

OTTO BAUM COMPANY, INC.

1. Proposal of _____
i. (Name and Address of Bidder)
for the improvement, designated in Paragraph 2 below, consisting of earth excavation, subbase granular material, HMA pavement, aggregate shoulder, concrete gutter, concrete box culvert and end sections, sheet piling, gabions, traffic control and protection, seeding, various removals, and miscellaneous other improvements specified herein and as shown on the plans.
2. The specifications for the proposed improvement are those prepared for the City of Peoria Engineering Department, which specifications are designated as **POPLETT HOLLOW ROAD CULVERT REPLACEMENT**.
3. The specifications herein referred to are the "Standard Specifications for Road and Bridge Construction," prepared by the Department of Transportation of the State of Illinois and adopted by said Department on January 1, 2012. The undersigned agrees to accept, as part of the contract, the Special Provisions contained within this bid.
4. The undersigned declares that they will comply with the applicable provisions of Division 100, General Requirements and Covenants.
5. The undersigned agrees to complete the work as described in these documents, and to be substantially complete by September 30, 2014 with final punch list items completed by October 7, 2014, unless additional time is granted in accordance with Article 108.09 of the Specifications.
6. The City reserves the right to cancel the whole or any part of the contract, if the contractor fails to perform any of the provisions in the contract or fails to make delivery within the time stated. The Cancellation notice will be written and delivered by certified mail to contractor's address on record. In the event the contract is canceled, the vendor may be declared an irresponsible vendor by the City Manager, and as a result may be disqualified from doing business with the City for the period of one year in accordance with City Ordinance section 10-102. The contractor will not be liable to perform if situations arise by reason of strikes, acts of god or the public enemy, acts of the City, fires, or floods.
7. In case of default by the contractor, the City will procure the articles or services from other sources and hold the contractor responsible for any excess cost incurred.
8. Accompanying this bid is a bid bond, certified check, or cashier's check complying with the requirements of the Specifications, made payable to the City Treasurer of the City of Peoria, Illinois. If this bid is accepted and the undersigned fails to execute a contract and contract

bond as required, it is hereby agreed that the check shall be forfeited to the awarding authority.

The amount of the check or draft is \$ bid bond.

Attach Cashier's Check or Certified Check Here

9. The undersigned certifies that it is not delinquent in the payment of any indebtedness, tax, fee or fine owed to the City of Peoria, or in the payment of any tax administered by the Illinois Department of Revenue, and is in compliance with the terms and conditions of Sec. 10-109 of the Peoria City Code and 65 ILCS 5/11-42.1-1.
10. Unit costs must be clearly identified for each component requested by the contract document or otherwise submitted by the Bidder. All costs shall be stated in U.S. dollars. Each pay item should have a unit price, a bid will be declared unacceptable if a unit price is not shown. In case of mistake in extension of cost, unit cost shall govern. All costing must be typewritten or written in ink. No erasures are permitted. Mistakes must be crossed out and corrections typewritten or written in ink adjacent thereto and initialed in ink by the party signing the bid or his/her authorized Representative.
11. The city is exempt, by law, from paying State and City Retailers Occupation Tax, State Service Occupation Tax, State Use Tax and Federal Excise Tax. The City will execute tax exemption certificates whenever required. The unit prices should be exclusive of all taxes. In the event the unit price includes taxes, the Bidder must show the amount of tax included in the unit price.
12. The contract will be subject to and governed by the rules and regulations of the Illinois Human Rights Act 775ILCS5/1-101 et seq. and as amended. And the provision of chapter 775 of the Illinois compiled Statues 5/2-105 on sexual Harassment policies.
13. With the executing of this contract, the Bidder is certifying to the non-collusion in the preparation and submittal. The Response must be properly executed by the Bidders or the response will not be considered for selection.
14. The successful vendor agrees to furnish the material or services according to the City's plans, specifications and conditions and at prices specified herein.
15. The successful Bidder shall obtain, at its own expense, all permits and licenses which may be required to complete the contract.
16. Where special conditions are written in the specifications, these conditions shall take precedence over any conditions listed under the "Instructions to Bidders".
17. This contract will be governed by the laws of the State of Illinois.
18. "The contractor/vendor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual harassment, ancestry, national origin, place of birth, age or a physical or mental handicap which would not interfere with

the efficient performances of the job in question. The contractor/vendor will take affirmative action to comply with the provision of this division and will require any subcontractor to submit to the City written commitment to comply with this division. The contractor/vendor will distribute copies of this commitment to all persons who participate in recruitment, screening, referral and selection of job applicants, prospective job applicants, member or prospective subcontractors.”

“The contractor/vendor agrees that the provision of division 4 Article III of Chapter 17 of the code of the City of Peoria is hereby incorporated by reference, as if set out verbatim.”

19. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the City of Peoria, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of Federal, State or local government as a result of a violation of State laws prohibiting bid-rigging or bid-rotating and has not been suspended or debarred from receiving federal funding.
20. EMPLOYEE/EMPLOYMENT RESTRICTIONS – THE CONTRACTOR:
THE CONTRACTOR, (hereinafter referred to as “SERVICE PROVIDER”) agrees, as a condition of accepting this contract with the City of Peoria, that, for a period of one (1) year following completion of this contract, it shall be prohibited from hiring, directly or indirectly, any City employee or official who was involved, directly or indirectly in: (1) the selection and/or recommendation to select the SERVICE PROVIDER for performance of this contract; (2) coordinating the efforts of the SERVICE PROVIDER in the consummation or completion of this contract; or (3) monitoring or determining the performance of the SERVICE PROVIDER. The SERVICE PROVIDER further acknowledges and agrees that, upon the City’s determination that a violation of this provision has occurred, the penalty imposed, at the sole discretion of the City, may include one or more of the following: (1) cancellation of any other contract(s) between the City of Peoria and the SERVICE PROVIDER; (2) disqualification of the SERVICE PROVIDER from bidding or being awarded future contracts with the City of Peoria for a period of two [2] years; and/or (3) payment of liquidated damages to the City of Peoria in the amount of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00). *This does not apply to any City Employee involved in the 2011-12 reduction in force; nor does it apply to parties taking the Early Retirement Incentive offered by the City from November 1, 2011 through November 1, 2012.*
21. To be awarded a contract all Suppliers, Vendors, Contractors to the City of Peoria, must be registered in the City of Peoria’s Contract Compliance Program and have a current EEO Certification number. This program is unrelated to any State and Federal program.

The number is secured by completing and submitting, under notary seal, an Employer report form CC-1 (with required sexual harassment policy attached) to the City’s Equal Opportunity Office. *Please note that the Certificate of Compliance is valid for one year and must be annually renewed.* The form may be request on-line from the City’s website (www.ci.peoria.il.us). Click on Department Focus, Equal Opportunity Office, Forms, then

select "Employer Report" or "**Renewal**". The forms can also be obtained by writing or calling:

City of Peoria
Equal Opportunity Office
419 Fulton Street
Peoria, IL 61602
(309) 494-8530 Voice
(309) 494-8532 TTY

In accordance with Chapter 17 of the Peoria Municipal Code, a fifty-dollar (\$50.00) processing fee will be charged with each original submission of the Employer Report Form Cc-1 that results in an approved certificate as well as the Annual Renewal Application. The only exception to payment of the processing fee is neighborhood associations.

Although all vendors are encouraged to obtain Equal employment Opportunity Certification, vendors do not need an Equal Opportunity Certification to respond to a bid. The EEO Certification Number is only required prior to the award of the contract.

EEO CERTIFICATION* (Check one):

We are presently applying for the EEO Certification. Employer Report Form (Form CC-1) is completed and enclosed.

Presently, we have the Employer Report Form (Form CC-1) on file with the City of Peoria, Office of Equal Opportunity and have a current Certificate of Compliance Number.

Certificate of Compliance Number: 00073-141231

**Please note there is a \$50.00 processing fee for new and renewal certification requests.*

22. The undersigned submits herewith this schedule of prices covering the work to be performed under this contract:

Contact: Rich Miller
217-622-0257 cell

Job Name: Poplett Hollow Rd. Culvert Replacement
City of Peoria, IL

Acknowledge Addendum #1

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	SEEDING, CL 1A	0.25	ACRE	7,300.00	1,825.00
20	TEMPORARY DITCH CHECK	20.00	FT	42.00	840.00
30	STONE RIPRAP, CLASS A5	130.00	SY	100.00	13,000.00
40	GABIONS	40.00	CY	235.00	9,400.00
50	AGGREGATE BASE COURSE, TYPE B 8"	279.00	SY	20.00	5,580.00
60	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	48.00	TON	185.00	8,880.00
70	PAVEMENT REMOVAL	320.00	SY	9.00	2,880.00
80	DRIVEWAY PAVEMENT REMOVAL	9.00	SY	34.00	306.00
90	AGGREGATE DRIVEWAY SHOULDERS, TYPE B 6"	32.00	SY	61.00	1,952.00
100	REMOVAL OF EXISTING STRUCTURES	1.00	EA	28,000.00	28,000.00
110	TEMPORARY BRIDGE COMPLETE	1.00	EA	80,000.00	80,000.00
120	BOX CULVERT END SECTIONS, CULVERT NO. 1	2.00	EA	32,500.00	65,000.00
130	PRECAST CONCRETE BOX CULVERTS 7'X6'	72.00	FT	625.00	45,000.00
140	PERMANENT STEEL SHEET PILING	390.00	SF	52.00	20,280.00
150	GRANULAR BACKFILL FOR STRUCTURES	240.00	CY	83.00	19,920.00
160	CONCRETE GUTTER, TYPE A (SPECIAL)	140.00	FT	118.00	16,520.00
170	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1.00	LS	3,600.00	3,600.00
180	EMERGENCY BACKFILL	1.00	LS	4,900.00	4,900.00
GRAND TOTAL					\$327,883.00

SCHEDULE OF PRICES

Item #	Item Description	Quantity	Unit	Unit Cost	Item Total
1	SEEDING, CLASS 1A	0.25	ACRE		\$ -
2	TEMPORARY DITCH CHECK	20	FOOT		\$ -
3	STONE RIPRAP, CLASS A5	130	SQ YD		\$ -
4	GABIONS	40	CU YD		\$ -
5	AGGREGATE BASE COURSE, TYPE B 8"	279	SQ YD		\$ -
6	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	48	TON		\$ -
7	PAVEMENT REMOVAL	320	SQ YD		\$ -
8	DRIVEWAY PAVEMENT REMOVAL	9	SQ YD		\$ -
9	AGGREGATE SHOULDERS, TYPE B 6"	32	SQ YD		\$ -
10	REMOVAL OF EXISTING STRUCTURES	1	EACH		\$ -
11	TEMPORARY BRIDGE COMPLETE	1	EACH		\$ -
12	BOX CULVERT END SECTIONS, CULVERT NO. 1	2	EACH		\$ -
13	PRECAST CONCRETE BOX CULVERTS 7' X 6'	72	FOOT		\$ -
14	PERMANENT STEEL SHEET PILING	390	SQ FT		\$ -
15	GRANULAR BACKFILL FOR STRUCTURES	240	CU YD		\$ -
16	CONCRETE GUTTER, TYPE A (SPECIAL)	140	FOOT		\$ -
17	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	L SUM		\$ -
18	EMERGENCY BACKFILL	1	L SUM		\$ -

SIGNATURE PAGE

(If an individual) Signature of Bidder _____

Business Address _____

(If a partnership) Firm Name _____

Signed by _____
President

Business Address _____

Insert Names _____
and Addresses _____
of all partners: _____

(If a corporation) Corporate Name OTTO BAUM COMPANY, INC.

Signed by [Signature]

Business Address 816 N. Main St.
Morton, IL 61550

Insert Names of Officers:

Terry L. Baum
President
Craig R. Baum
Secretary
Kurt L. Baum
Treasurer

Attest: [Signature]
Secretary





CITY OF PEORIA SUB-CONTRACTOR UTILIZATION STATEMENT

Section I (select all that apply)

- MBE/WBE Subcontractor(s) will be utilized on this project
 Non MBE/WBE Subcontractor(s) will be utilized on this project

Section II: Prime Contractor

OTTO BAUM COMPANY, INC.
 Name: _____
 Address: 866 N. MAIN ST.
 Phone: 309-266-7114
 Contact Person: RICK MILLER
 Email: richmiller@ottobaum.com

Project
 Name: POPLETT HOLLOW RD REPAIR
 Total Contract Value: 327,883.00

Ownership Status: MBE WBE M/WBE Non-M/WBE

Section III: Selected Subcontractors

Subcontractor Name	MBE, WBE or Non M/WBE	Amount	% of Total Contract	Scope of Work
THORNTON RAVE	MBE	26,748	8.16	Box CULVERT SUPPLY
N.E. RUDS TRUCKING	WBE	7,831.50	2.39	TRUCKING
CJL LANDSCAPING	WBE	1,625	0.5	LANDSCAPING
CNS FORESTRY	WBE	11,450	3.49	CLEARING
MLS	WBE	3,200	1.00	TRAFFIC CONTROL
KENNEL TRUCKING	NON	13,901.50	4.24	TRUCKING P AVG
TAZEWELL Co. ASPHALT	NON	8,400	2.56	ASPHALT
TOTALS				

**If more than seven firms are utilized, please copy the form and attach the additional information.*

Section IV: Subcontractors that submitted bids but were not selected (M/WBE Only)

Subcontractor Name	Scope of Work Bid	Denial Reason
MILLENNIA	LANDSCAPING	NOT LOWEST QUOTE
WARDS CUSTOM LANDSCAPING	LANDSCAPING	NOT LOWEST QUOTE

**If more than seven firms submitted quotes, please copy the form and attach the additional information.*

-----Continues on next page-----

For Office Use Only

Reviewed by: _____

Section V: Subcontractors Contacted (M/WBE Only)

Subcontractor Name	Method of Contact	Contact Outcome

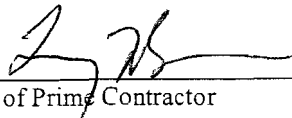
**If more than six firms were contacted, please copy the form and attach the additional information*

Section IV

The City of Peoria is committed to promoting equal opportunity and has established the following subcontractor utilization goals for city funded construction projects: 10% MBE and 5% WBE. Prime Contractors have an obligation to make a good faith effort to advance the city's commitment to increase diversity among the firms working on city construction projects.

This form must be completed and submitted with bid proposals. ALL subcontractors intended for use on this project shall be listed in the Section III above; along with the total amount to be paid to the subcontractors; percentage of total contract; and scope of work. If for whatever reason the prime contractor has to utilize a subcontractor not listed above, they must submit a Notification of Change in Participation.

The undersigned certifies that the information included herein is true and correct; the subcontractors listed above have agreed to perform the scope of work described. The undersigned further certifies that it has no controlling, dominating or conflict of interest in any of the listed subcontractors.



Signature of Prime Contractor

6/10/14

Date

For Office Use Only
Reviewed by: _____

Org.: May 2008
Revised: Feb. 2011

PROPOSAL BID BOND



RETURN WITH BID

Route
Municipality City of Peoria
Rd. Dist./Twnshp
County Peoria
Section

WE Otto Baum Company, Inc., 866 N. Main st., Morton, IL 61550
as PRINCIPAL. an
Travelers Casualty and Surety Company of America as SURETY,

are held and firmly bound unto THE CITY OF PEORIA (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in Article 102.09 of the "Standard Specifications for Road and Bridge Construction" in effect on the date of invitation for bids. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written bid to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the bid is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 10th day of June A.D. 2014

Otto Baum Company, Inc. Principal
By: Terry L. Baum (Signature and Title) President
Seal: OTTO BAUM COMPANY, INC. CORPORATE SEAL 1969 ILLINOIS

Travelers Casualty and Surety Company of America Surety
By: Sue Carruthers (Signature of Attorney-in-Fact)

STATE OF ILLINOIS.
COUNTY OF Tazewell

I, Nancy J. Luchteld, a Notary Public in and for said county, do hereby certify that Terry L. Baum & Sue Carruthers (Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 10th day of June A.D. 2014

- NOTICE
1. Improper execution of this form (i.e. missing signatures or seals or incomplete certification) will result in bid being declared irregular.
2. If bid bond is used in lieu of bid guaranty check, it must be on this form and must be submitted with bid

My commission expires
Nancy J. Luchteld (Notary Public)
OFFICIAL SEAL
NANCY J. LUCHTEFELD
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 3-23-2016



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 227358

Certificate No. 005793782

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Sue Carruthers, Laura L. Andrews, Mike Kuhl, Amy Boll, Nancy J. Luchtefeld, Scott Howard, Miranda L. Leininger, David Zern, and Jonathan Weber

of the City of Morton, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 11th day of February, 2014.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 11th day of February, 2014, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 10th day of June, 2011


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

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PART 1- PROPOSAL

STATE OF ILLINOIS
CITY OF PEORIA

NOTICE TO BIDDERS

1. Time and Place of Opening Bids.

Sealed bid for the improvement described herein will be received at the Office of the City Engineer, 3505 N. Dries Lane, Peoria, Illinois, until **2:00 P.M., Tuesday June 10, 2014**, and at that time publicly opened and read.

2. Description of Work.

(A) Proposed improvement is officially known as the **POPLETT HOLLOW ROAD CULVERT REPLACEMENT.**

(B) The proposed improvement consists of earth excavation, subbase granular material, HMA pavement, aggregate shoulder, concrete gutter, concrete box culvert and end sections, sheet piling, gabions, traffic control and protection, seeding, various removals, and miscellaneous other improvements specified herein and as shown on the plans.

3. Instruction to Bidders.

(A) Specifications and bid forms may be examined at the Offices of the City Engineer, Public Works Facility, 3505 North Dries Lane, Peoria, IL. Before plans and specifications may be obtained, contractors must be pre-qualified. Complete sets of specifications and bid forms may be obtained on CD at no charge; contact information must be given in exchange for the CD. Each business may receive one CD at no-cost, or request electronic documents by email to pwdropbox@peoriagov.org.

(B) All bids must be accompanied by a bid guaranty as provided in Section 102 of the "Standard Specifications for Road and Bridge Construction" prepared by the Illinois Department of Transportation: a Bid Bond, or a bid guarantee of cash, a Bank Cashier Check, or a properly certified check made payable to the City of Peoria, for not less than five percent (5%) of the amount of the bid.

(C) Bidders shall submit their response in a sealed envelope which shall be clearly labeled with the organization/individual name and address. Bidders are requested to indicate in the LOWER LEFT HAND CORNER OF THEIR ENVELOPE THE PROJECT NAME: "POPLETT HOLLOW ROAD CULVERT REPLACEMENT", DATE AND TIME THE REQUEST IS DUE.

(D) The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of

possible substitute or "or-equal" items. Whenever it is specified or described in the Bidding Documents that a substitute or "or-equal" item of material or equipment may be furnished or used by the Contractor if acceptable to the Owners' Representative, approval must be obtained prior to the bid opening. The request to use substitute items must be accompanied by complete specifications of the substitute items.

- (E) Unit costs must be clearly identified for each component requested by the bid document or otherwise submitted by the Bidder. All costs shall be stated in U.S. dollars. Each pay item should have a unit price, a bid will be declared unacceptable if a unit price is not shown. In case of mistake in extension of cost, unit cost shall govern. All costing must be typewritten or written in ink. No erasures are permitted. Mistakes must be crossed out and corrections typewritten or written in ink adjacent thereto and initialed in ink by the party signing the bid or his/her authorized Representative.
- (F) Each bid must be signed by the Bidder with its usual signature. Bids by partnerships must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Bids by corporations must be signed with the name of the corporation, followed by the signature and title of person authorized to bind it on the matter. All signatures must be in ink.

4. Rejection of Bids.

The City of Peoria reserves the right to reject any or all bids as provided in Section 102 of the "Standard Specifications for Road and Bridge Construction," and LRS6 Recurring Special Provision, prepared by the Department of Transportation of the State of Illinois.

STATE OF ILLINOIS
CITY OF PEORIA

**PROPOSAL
TO THE CITY OF PEORIA:**

1. Proposal of _____
i. (Name and Address of Bidder)
for the improvement, designated in Paragraph 2 below, consisting of earth excavation, subbase granular material, HMA pavement, aggregate shoulder, concrete gutter, concrete box culvert and end sections, sheet piling, gabions, traffic control and protection, seeding, various removals, and miscellaneous other improvements specified herein and as shown on the plans.
2. The specifications for the proposed improvement are those prepared for the City of Peoria Engineering Department, which specifications are designated as **POPLETT HOLLOW ROAD CULVERT REPLACEMENT**.
3. The specifications herein referred to are the "Standard Specifications for Road and Bridge Construction," prepared by the Department of Transportation of the State of Illinois and adopted by said Department on January 1, 2012. The undersigned agrees to accept, as part of the contract, the Special Provisions contained within this bid.
4. The undersigned declares that they will comply with the applicable provisions of Division 100, General Requirements and Covenants.
5. The undersigned agrees to complete the work as described in these documents, and to be substantially complete by September 30, 2014 with final punch list items completed by October 7, 2014, unless additional time is granted in accordance with Article 108.09 of the Specifications.
6. The City reserves the right to cancel the whole or any part of the contract, if the contractor fails to perform any of the provisions in the contract or fails to make delivery within the time stated. The Cancellation notice will be written and delivered by certified mail to contractors address on record. In the event the contract is canceled, the vendor may be declared an irresponsible vendor by the City Manager, and as a result may be disqualified from doing business with the City for the period of one year in accordance with City Ordinance section 10-102. The contractor will not be liable to perform if situations arise by reason of strikes, acts of god or the public enemy, acts of the City, fires, or floods.
7. In case of default by the contractor, the City will procure the articles or services from other sources and hold the contractor responsible for any excess cost incurred.
8. Accompanying this bid is a bid bond, certified check, or cashier's check complying with the requirements of the Specifications, made payable to the City Treasurer of the City of Peoria, Illinois. If this bid is accepted and the undersigned fails to execute a contract and contract

bond as required, it is hereby agreed that the check shall be forfeited to the awarding authority.

The amount of the check or draft is \$ _____.

Attach Cashier's Check or Certified Check Here

9. The undersigned certifies that it is not delinquent in the payment of any indebtedness, tax, fee or fine owed to the City of Peoria, or in the payment of any tax administered by the Illinois Department of Revenue, and is in compliance with the terms and conditions of Sec. 10-109 of the Peoria City Code and 65 ILCS 5/11-42.1-1.
10. Unit costs must be clearly identified for each component requested by the contract document or otherwise submitted by the Bidder. All costs shall be stated in U.S. dollars. Each pay item should have a unit price, a bid will be declared unacceptable if a unit price is not shown. In case of mistake in extension of cost, unit cost shall govern. All costing must be typewritten or written in ink. No erasures are permitted. Mistakes must be crossed out and corrections typewritten or written in ink adjacent thereto and initialed in ink by the party signing the bid or his/her authorized Representative.
11. The city is exempt, by law, from paying State and City Retailers Occupation Tax, State Service Occupation Tax, State Use Tax and Federal Excise Tax. The City will execute tax exemption certificates whenever required. The unit prices should be exclusive of all taxes. In the event the unit price includes taxes, the Bidder must show the amount of tax included in the unit price.
12. The contract will be subject to and governed by the rules and regulations of the Illinois Human Rights Act 775ILCS5/1-101 et seq. and as amended. And the provision of chapter 775 of the Illinois compiled Statues 5/2-105 on sexual Harassment policies.
13. With the executing of this contract, the Bidder is certifying to the non-collusion in the preparation and submittal. The Response must be properly executed by the Bidders or the response will not be considered for selection.
14. The successful vendor agrees to furnish the material or services according to the City's plans, specifications and conditions and at prices specified herein.
15. The successful Bidder shall obtain, at its own expense, all permits and licenses which may be required to complete the contract.
16. Where special conditions are written in the specifications, these conditions shall take precedence over any conditions listed under the "Instructions to Bidders".
17. This contract will be governed by the laws of the State of Illinois.
18. "The contractor/vendor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual harassment, ancestry, national origin, place of birth, age or a physical or mental handicap which would not interfere with

the efficient performances of the job in question. The contractor/vendor will take affirmative action to comply with the provision of this division and will require any subcontractor to submit to the City written commitment to comply with this division. The contractor/vendor will distribute copies of this commitment to all persons who participate in recruitment, screening, referral and selection of job applicants, prospective job applicants, member or prospective subcontractors.”

“The contractor/vendor agrees that the provision of division 4 Article III of Chapter 17 of the code of the City of Peoria is hereby incorporated by reference, as if set out verbatim.”

19. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the City of Peoria, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of Federal, State or local government as a result of a violation of State laws prohibiting bid-rigging or bid-rotating and has not been suspended or debarred from receiving federal funding.

20. EMPLOYEE/EMPLOYMENT RESTRICTIONS – THE CONTRACTOR:
THE CONTRACTOR, (hereinafter referred to as “SERVICE PROVIDER”) agrees, as a condition of accepting this contract with the City of Peoria, that, for a period of one (1) year following completion of this contract, it shall be prohibited from hiring, directly or indirectly, any City employee or official who was involved, directly or indirectly in: (1) the selection and/or recommendation to select the SERVICE PROVIDER for performance of this contract; (2) coordinating the efforts of the SERVICE PROVIDER in the consummation or completion of this contract; or (3) monitoring or determining the performance of the SERVICE PROVIDER. The SERVICE PROVIDER further acknowledges and agrees that, upon the City’s determination that a violation of this provision has occurred, the penalty imposed, at the sole discretion of the City, may include one or more of the following: (1) cancellation of any other contract(s) between the City of Peoria and the SERVICE PROVIDER; (2) disqualification of the SERVICE PROVIDER from bidding or being awarded future contracts with the City of Peoria for a period of two [2] years; and/or (3) payment of liquidated damages to the City of Peoria in the amount of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00). *This does not apply to any City Employee involved in the 2011-12 reduction in force; nor does it apply to parties taking the Early Retirement Incentive offered by the City from November 1, 2011 through November 1, 2012.*

21. To be awarded a contract all Suppliers, Vendors, Contractors to the City of Peoria, must be registered in the City of Peoria’s Contract Compliance Program and have a current EEO Certification number. This program is unrelated to any State and Federal program.

The number is secured by completing and submitting, under notary seal, an Employer report form CC-1 (with required sexual harassment policy attached) to the City’s Equal Opportunity Office. *Please note that the Certificate of Compliance is valid for one year and must be annually renewed.* The form may be request on-line from the City’s website (www.ci.peoria.il.us). Click on Department Focus, Equal Opportunity Office, Forms, then

select "Employer Report" or "**Renewal**". The forms can also be obtained by writing or calling:

City of Peoria
Equal Opportunity Office
419 Fulton Street
Peoria, IL 61602
(309) 494-8530 Voice
(309) 494-8532 TTY

In accordance with Chapter 17 of the Peoria Municipal Code, a fifty-dollar (\$50.00) processing fee will be charged with each original submission of the Employer Report Form Cc-1 that results in an approved certificate as well as the Annual Renewal Application. The only exception to payment of the processing fee is neighborhood associations.

Although all vendors are encouraged to obtain Equal employment Opportunity Certification, vendors do not need an Equal Opportunity Certification to respond to a bid. The EEO Certification Number is only required prior to the award of the contract.

EEO CERTIFICATION* (Check one):

_____ We are presently applying for the EEO Certification. Employer Report Form (Form CC-1) is completed and enclosed.

_____ Presently, we have the Employer Report Form (Form CC-1) on file with the City of Peoria, Office of Equal Opportunity and have a current Certificate of Compliance Number.

Certificate of Compliance Number: _____

**Please note there is a \$50.00 processing fee for new and renewal certification requests.*

22. The undersigned submits herewith this schedule of prices covering the work to be performed under this contract:

SCHEDULE OF PRICES

Item #	Item Description	Quantity	Unit	Unit Cost	Item Total
1	SEEDING, CLASS 1A	0.25	ACRE		\$ -
2	TEMPORARY DITCH CHECK	20	FOOT		\$ -
3	STONE RIPRAP, CLASS A5	130	SQ YD		\$ -
4	GABIONS	40	CU YD		\$ -
5	AGGREGATE BASE COURSE, TYPE B 8"	2,538	SQ YD		\$ -
6	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	422	TON		\$ -
7	PAVEMENT REMOVAL	320	SQ YD		\$ -
8	DRIVEWAY PAVEMENT REMOVAL	9	SQ YD		\$ -
9	AGGREGATE SHOULDERS, TYPE B 6"	32	SQ YD		\$ -
10	REMOVAL OF EXISTING STRUCTURES	1	EACH		\$ -
11	TEMPORARY BRIDGE COMPLETE	1	EACH		\$ -
12	BOX CULVERT END SECTIONS, CULVERT NO. 1	2	EACH		\$ -
13	PRECAST CONCRETE BOX CULVERTS 7' X 6'	72	FOOT		\$ -
14	PERMANENT STEEL SHEET PILING	390	SQ FT		\$ -
15	GRANULAR BACKFILL FOR STRUCTURES	240	CU YD		\$ -
16	CONCRETE GUTTER, TYPE A (SPECIAL)	140	FOOT		\$ -
17	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	L SUM		\$ -
18	EMERGENCY BACKFILL	1	L SUM		\$ -

SIGNATURE PAGE

(If an individual) Signature of Bidder _____

Business Address _____

(If a partnership) Firm Name _____

Signed by _____
President

Business Address _____

Insert Names _____
and Addresses _____
of all partners: _____

(If a corporation) Corporate Name _____

Signed by _____

Business Address _____

Insert Names
of Officers:

President

Secretary

Treasurer

Attest: _____
Secretary

PROPOSAL BID BOND



RETURN WITH BID

Route
Municipality City of Peoria
Rd. Dist./Twnshp
County Peoria
Section

WE as PRINCIPAL, an as SURETY,

are held and firmly bound unto THE CITY OF PEORIA (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in Article 102.09 of the "Standard Specifications for Road and Bridge Construction" in effect on the date of invitation for bids. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly to pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written bid to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the bid is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this day of A.D.

Principal

(Company Name) (Company Name)
By: (Signature and Title) By: (Signature and Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

(Name of Surety) By: (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF

I, a Notary Public in and for said county,
do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this day of A.D.

NOTICE

- 1. Improper execution of this form (i.e. missing signatures or seals or incomplete certification) will result in bid being declared irregular.
2. If bid bond is used in lieu of bid guaranty check, it must be on this form and must be submitted with bid

My commission expires

(Notary Public)



CITY OF PEORIA SUB-CONTRACTOR UTILIZATION STATEMENT

Section I (select all that apply)

_____ MBE/WBE Subcontractor(s) will be utilized on this project

_____ Non MBE/WBE Subcontractor(s) will be utilized on this project

Section II: Prime Contractor

Project

Name: _____

Name: _____

Address: _____

Total Contract Value: _____

Phone: _____

Contact Person: _____

Email: _____

Ownership Status: MBE _____ WBE _____ M/WBE _____ Non-M/WBE _____

Section III: Selected Subcontractors

Subcontractor Name	MBE, WBE or Non M/WBE	Amount	% of Total Contract	Scope of Work
TOTALS				

**If more than seven firms are utilized, please copy the form and attach the additional information.*

Section IV: Subcontractors that submitted bids but were not selected (M/WBE Only)

Subcontractor Name	Scope of Work Bid	Denial Reason

**If more than seven firms submitted quotes, please copy the form and attach the additional information.*

-----Continues on next page-----

For Office Use Only
Reviewed by: _____

Section V: Subcontractors Contacted (M/WBE Only)

Subcontractor Name	Method of Contact	Contact Outcome

**If more than six firms were contacted, please copy the form and attach the additional information*

Section IV

The City of Peoria is committed to promoting equal opportunity and has established the following subcontractor utilization goals for city funded construction projects: 10% MBE and 5% WBE. Prime Contractors have an obligation to make a good faith effort to advance the city's commitment to increase diversity among the firms working on city construction projects.

This form must be completed and submitted with bid proposals. ALL subcontractors intended for use on this project shall be listed in the Section III above; along with the total amount to be paid to the subcontractors; percentage of total contract; and scope of work. If for whatever reason the prime contractor has to utilize a subcontractor not listed above, they must submit a Notification of Change in Participation.

The undersigned certifies that the information included herein is true and correct; the subcontractors listed above have agreed to perform the scope of work described. The undersigned further certifies that it has no controlling, dominating or conflict of interest in any of the listed subcontractors.

Signature of Prime Contractor

Date

For Office Use Only
Reviewed by: _____

Org.: May 2008
Revised: Feb. 2011



**CITY OF PEORIA
M/WBE PARTICIPATION WAIVER REQUEST**

PRIME CONTRACTOR

Name: _____
Address: _____
Phone: _____
Contact Person: _____

PROJECT

Name: _____

We hereby request to waive all of the MBE and WBE participation goals on the above named project and self-perform all work for the following reason(s). The firm further affirms that the stated reasons and documents provided are true and correct and not misleading: **(CHECK ALL THAT APPLY. SPECIFIC SUPPORTING DOCUMENTATION MUST BE SUBMITTED WHERE INDICATED.)**

- 1. No MBEs/WBEs responded to our invitation to bid. _____
- 2. No subcontracting opportunities exist. (Attach explanation) _____
- 3. The award of subcontract(s) is impracticable. (Attach explanation) _____

SIGNED: _____
(Company Official)

DATE: _____

FOR OFFICE USE ONLY

APPROVED

DISAPPROVED

REVIEWED BY _____

DATE _____

PART 2- GENERAL CONDITIONS

DESCRIPTION OF WORK

This work consists of earth excavation, subbase granular material, HMA pavement, aggregate shoulder, concrete gutter, concrete box culvert and end sections, sheet piling, gabions, traffic control and protection, seeding, various removals, and miscellaneous other improvements specified herein and as shown on the plans.

CONTACT INFORMATION

The Consultant responsible for this contract is Foth Infrastructure and Environment, LLC. Any questions you may have in reference to this project can be directed to Foth. Foth will be responsible for managing the project, including but not limited to construction observation, tracking schedule and budget, and reviewing and recommending monthly payment applications. Foth's phone number is 309-691-5300. The City's Project Engineer will be Andrea Klopfenstein, P.E., at 309-494-8816.

PROGRESS MEETING

A progress meeting will be held monthly or more frequently if the Owner's Representative believes that the work is not being completed in a timely manner. The Contractor shall attend the progress meetings and provide an up to date schedule and budget.

MILESTONE AND CONSTRUCTION SCHEDULE

The project must reach substantial completion by September 30, 2014 and **final completion by October 7, 2014.**

FAILURE TO COMPLETE WORK ON TIME

Should the Contractor fail to complete the work by **October 7, 2014**, the Contractor shall be liable to the City of Peoria at a rate of \$2,000.00 per day for every day over the contract time to cover all costs incurred for engineering, inspection, loss of funding and other expenses incurred by the City of Peoria by reason of the Contractor's failure to complete the work within the specified time, and such amount shall be deducted from the monies due the Contractor, not as a penalty, but as damages sustained.

PAYMENT APPLICATIONS

In order to accurately track the program budget, the Contractor shall submit monthly payment applications for each work order. Payment requests may not be combined. Payment applications must be submitted to the Owner's Representative by the 15th of the month.

ITEMS NOT COVERED IN THE SCHEDULE OF ITEMS

If it is necessary to use items that are not covered in the schedule of items, the Contractor shall submit documentation to the Owner's Representative to justify the unit price. The Contractor and Owner's Representative shall set the agreed upon unit price and use that unit price for the remainder of the contract and contract extensions.

DEFINITION OF TERMS

Section 101 of the Standard Specifications shall be revised as follows:

Article 101.14 Department. The City of Peoria or its Representative.

Article 101.16 Engineer. The designated employee or Owner's Representative.

The Engineer nor the Owner's Representative will not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs.

Article 101.19 Inspector. The Owner's Representative assigned to make detailed observations on any or all portions of the work or material therefore. This activity is not to be interpreted as an inspection service, a construction supervision service, or a guaranteeing of the Contractor's performance. The Inspector will not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs. The Inspector will not be responsible for the Contractor's obligation to carry out the work in accordance with the Contract Documents. Observation of EEO diversity in the field will be noted

RESPONSIBILITY FOR DAMAGE CLAIMS

The Contractor shall indemnify and save harmless the CITY OF PEORIA, its officers and employees; Foth Infrastructure & Environment, LLC, its officers and employees, against all loss, damage or expense that it or they may sustain as a result of any suits, actions, or claims of any character brought on account of injury to or death of any person or persons, including all persons performing any work under this contract, which may arise in any way (except for a negligent act of the City of Peoria, its officers or employees or Foth Infrastructure & Environments, LLC, its officers or employees) in connection with the work to be performed under this contract, including but not limited to, suits, actions or claims arising under "An Act providing for the protection and safety of persons in and about the construction, repairing, alteration or removal of building, bridges, viaducts, and other structures, and to provide for the enforcement thereof," approved June 3, 1907, (740 ILCS 150/1), as amended: the Contractor shall also indemnify and save harmless the CITY OF PEORIA, its officers and employees; and Foth Infrastructure & Environment, LLC, its officers and employees, from all suits, actions, or claims of any character brought because of any injuries or damages received or sustained by any person, persons, or property, on account of, or in consequence of, any neglect by Contractor or a Subcontractor in safeguarding the work; or through use of unacceptable materials in constructing the work; or because of any act or omission, neglect, or misconduct of said Contractor; or because of any claims or amounts recovered for any infringements of patent, trademark, or copyright, or from any claims or amounts arising or recovered under the "Workers Compensation Act," or any other law, ordinance, order, or decree, and so much of the money due the said Contractor under and by virtue of this contract as shall be considered necessary by the Department for such purposes, may be retained for the use of the ENGINEERING DIVISION; or, in case no money is due, the surety shall be held until such suits, actions, or claims have been settled and suitable evidence to that effect furnished to the Department.

QUALIFICATION OF CONTRACTORS

Contractors shall be qualified before plans and bid documents will be provided for bidding. In general, contractors qualified by the State of Illinois' Department of Transportation to perform the work indicated in the bid will be acceptable to the City of Peoria, Engineering Division; but, the City Engineer reserves the right to refuse to accept a bid from a State-qualified contractor and will state

the reasons, in writing, for said refusal if requested by the contractor.

Contractors who have done similar work and an improvement of similar size for the City in the past normally are qualified by their past performances.

Contractors not qualified as indicated above shall be required to submit a listing of jobs of a similar nature with an indication of the dollar value of said jobs and the person or company for whom the work was performed so that a check of the quality of the work can be made, as well as the performance and financial ability of the Contractor. The City Engineer will approve or disapprove the Contractor, and the decision shall be final. If desired by the Contractor, the City Engineer will provide the reasons for disapproving any Contractor from bidding on the proposed improvement.

CONTRACTOR'S INSURANCE

The Contractor shall not commence work under this project until the contractor has obtained all insurance required under this paragraph and such insurance has been approved by the City of Peoria, nor shall the Contractor allow any Subcontractor to commence work on the subcontract until all similar insurance required of the Subcontractor has been so obtained and approved by the City of Peoria.

The Contractor shall require Subcontractors, if any, not protected under the Contractor's insurance policies as an additional insured to take out and maintain insurance of such nature in amounts not less than that required of the principal Contractor, excluding Umbrella Coverage and Owner's Protective Liability and Property Damage Insurance, and any and all insurance obtained by any Subcontractor or Subcontractors shall be approved by the City of Peoria.

All policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or additional insured thereunder.

COMPENSATION INSURANCE

The Contractor shall take out and maintain during the life of this project Worker's Compensation Insurance for all of the employees employed at the site of the project and, in case any work is sublet, the Contractor shall require the Subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor, and any such insurance obtained by any subcontractor or subcontractors shall be approved by the City of Peoria. In case any class of employees engaged in hazardous work at the site of the project is not protected under the Worker's Compensation statute, the Contractor shall provide, and shall cause each Subcontractor to provide adequate insurance coverage for the protection of the employees not otherwise protected, such as accident insurance, and any such insurance shall be approved by the City of Peoria.

PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE

The Contractor shall take out and maintain during the life of the project such General

Liability, Public Liability and Property Damage Insurance as shall protect him and any Subcontractor performing work covered by this project, from claims for damages for personal injury, including accidental death, as well as from claims for property damages, which may arise from operations under this project, whether such operations be by himself or by any Subcontractors or by anyone directly or indirectly employed by either of them and the amounts of such insurance shall be as follows:

Commercial General Liability Insurance that provides Property Damage and/or Bodily Injury in an amount not less than \$1,000,000 per occurrence and \$2,000,000 aggregate.

OWNER'S PROTECTIVE LIABILITY AND PROPERTY DAMAGE INSURANCE

The Contractor shall obtain Owner's Protective Liability and Property Damage Insurance in an amount not less than \$1,000,000 per occurrence and \$2,000,000 aggregate. If endorsements to the above public liability and property damage insurance policies cannot be made, then separate policies providing such protection must be furnished by the Contractor.

AUTOMOBILE INSURANCE

The Contractor shall take out and maintain during the life of the project such automobile insurance covering all owned and non-owned vehicles as shall protect him and any Subcontractor performing work covered by this project, from claims for damages in an amount not less than \$1,000,000 Combined Bodily Injury and Property Damage.

UMBRELLA COVERAGE

The Contractor shall take out and maintain during the life of the project such Umbrella or Excess Liability coverage as shall protect him and any Subcontractor performing work covered by this project, from claims for damages in an amount not less than \$2,000,000 per occurrence and \$5,000,000 annual aggregate.

ADDITIONAL INSURED ENDORSEMENT

All Liability insurance policies shall name the City of Peoria its officers, directors, employees, agents, Representatives, subsidiaries, successors and assigns; and Foth Infrastructure & Environment, LLC its officers, directors, employees, agents, Representatives, subsidiaries, successors, and assigns, as additional insured, shall be primary to any other insurance carried by the City of Peoria or Foth Infrastructure & Environment, LLC, and shall provide coverage consistent with ISO CG 20 26, and shall maintain the required coverages, naming the City of Peoria and Foth Infrastructure & Environment, LLC as additional insured, for a period of not less than three years from the date the City of Peoria and Contractor execute an Agreement to Final Quantities.

PROOF OF CARRIAGE OF INSURANCE

The Contractor and all Subcontractors shall furnish the City of Peoria with satisfactory proof of insurance coverage. This shall include an A.M. Best "A" rating before the project begins. If

coverage is cancelled or the carrier's rating falls below A.M. Best "A" rated, the City of Peoria shall be notified in writing.

Certificates of insurance are required. The Certificate must state the following "The City of Peoria, its officers, directors, employees, agents, and Representatives; and Foth Infrastructure & Environment, LLC, its officers, directors, employees, agents and Representatives, are named as Additional Insured on a primary basis for liability arising out of the Contractor's operations."

Upon request the Contractor must provide copies of the policies and endorsements, failure to provide the required certificates of insurance shall not operate to invalidate the insurance requirements under this Contract.

SUBSTANCE ABUSE PREVENTION PROGRAM

Before the Contractor and any Subcontractor commences work, the Contractor and any Subcontractor shall have in place a written Substance Abuse Prevention Program for the prevention of substance abuse among its employees which meets or exceeds the requirements in P.A. 95-0635 or shall have a collective bargaining agreement in effect dealing with the subject matter of P.A. 95-0635.

The Contractor and any Subcontractor shall file with a public body: a copy of the substance abuse prevention program along with a cover letter certifying that their program meets the requirements of the Act, or a letter certifying that the Contractor or a Subcontractor has a collective bargaining agreement in effect dealing with the subject matter of the Act.

PROSECUTION AND PROGRESS OF WORK

Special attention is called to Section 108 of the "Standard Specifications for Road and Bridge Construction," and specifically to Article 108.03, which states that the Contractor shall notify the Owner's Representative at least seventy-two (72) hours in advance of either discontinuing or resuming operations.

If an Owner's Representative is not on the job and notification as required has been given, the Contractor in charge of the work shall immediately notify Foth Infrastructure & Environment, LLC, that work has been resumed and request that the Owner's Representative in charge of the work be notified.

Work performed without proper notification to the Owner's Representative as indicated herein may be rejected by the Owner's Representative and no compensation will be made for said work. In addition, the Contractor may be required to remove the item of construction at its own expense and replace the item of construction in accordance with the specifications.

EXISTING UNDERGROUND FACILITIES

The City of Peoria and the Owner's Representative assumes no responsibility for the presence, specific size or location of underground distribution systems of the several public utility corporations. No responsibility for the protection of said underground systems will be assumed by the City of Peoria unless such protection is incidental to the protection of the municipally-owned property of the City of Peoria. If such protection is found to be necessary to water mains, gas mains, steam mains,

underground electrical distribution systems, underground telephone circuit systems or any other underground systems of non-municipal ownership, the cost of same, in whole or in part, is disclaimed by the City of Peoria.

COOPERATION WITH UTILITY COMPANIES

It is understood and agreed that the Contractor has considered, in their bid, all the permanent and temporary utility appurtenances in their present or relocated positions and that no additional compensation will be allowed for any delays, inconvenience or damage sustained by the contractor due to any interference from the said utility appurtenances or the operations of moving them.

All telephone, cableway, gas, water and wire lines, within the limits of the proposed construction owned by various utility companies, are to be moved by the owners of the particular utility involved at the owner's expense.

NOTIFICATION OF UTILITIES PRIOR TO CONSTRUCTION

All utility companies must be notified by the Contractor, in writing, at least one (1) week in advance prior to starting construction on the City-wide program so that they will have adequate time to locate and mark their utility locations in the field and twenty-four (24) hours prior to commencing actual construction work. All utility companies must be notified so that they may have personnel on the job site to assist in locating their utility lines and avoid damage to their utilities. Specifically, Ameren Illinois, Comcast Communications, AT&T, McLeod Communications and the Illinois-American Water Co., have requested that they be notified prior to the start of construction. A copy of the letter notifying the utility companies of the Contractor's intention to start work on the City-wide program must be received by the Owner's Representative before the Contractor will be permitted to start construction.

J.U.L.I.E. SYSTEM

The J.U.L.I.E. (Joint Utility Locating Information for Excavators) must be notified prior to starting construction, so that the respective utilities may have adequate time to locate and mark their underground facilities. Phone: 1-800-892-0123 or 811.

PROPERTY OWNER NOTIFICATION

The Contractor is responsible to notify the Owner's Representative and all property owners affected by the proposed work of the work schedule and to coordinate access. See the plan notes and special provisions.

CERTIFIED PAYROLL REQUIREMENTS

Contractors and subcontractors on public works projects must submit certified payroll records on a weekly basis via EPrismSoft to the public body in charge of the construction project, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate, and that the Contractor is aware that filing records he or she knows to be false is a Class B Misdemeanor. The Certified Payroll Records must include, for every worker employed on the public works project, the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day,

and starting and ending time of work each day. Certified payrolls are to be submitted weekly on EPrismSoft, per the EEO guidelines outlined in Section VII of the Good Faith Efforts Requirements, herein. Copies of the certified payrolls as submitted to EPrismSoft should be submitted with each payment application for review by the Owner's Representative.

PREVAILING WAGE PROVISION

This contract is for the performance of "public works" as that term is defined by 820 ILCS 130/2. Contractor shall not pay less than the prevailing rates of wages to all laborers, workmen, and mechanics performing work under this contract, and shall comply with the requirements of the Illinois Wages of Employees on Public Works Act (820 ILCS 130/1-12).

These prevailing rates of wages are included in this contract. If the Department of Labor revises the prevailing rate of hourly wages to be paid by the public body, the revised rate as provided by the public body shall apply to this contract. It shall be the Contractor's responsibility to monitor the prevailing wages and adjust the payroll accordingly as soon as any rates are revised. The prevailing rates of wages are revised on a monthly basis and can be found on the Illinois Department of Labor's website. <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevailing-wage-rates.aspx>

Peoria County Prevailing Wage for May 2014

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		BLD		26.470	27.970	1.5	1.5	2.0	7.700	13.75	0.000	0.800
ASBESTOS ABT-GEN		HWY		29.580	31.080	1.5	1.5	2.0	7.700	16.19	0.000	0.800
ASBESTOS ABT-MEC		BLD		32.140	34.640	1.5	1.5	2.0	11.17	10.76	0.000	0.720
BOILERMAKER		BLD		36.750	39.750	2.0	2.0	2.0	7.070	15.84	0.000	0.350
BRICK MASON		BLD		32.060	33.560	1.5	1.5	2.0	8.300	9.500	0.000	0.580
CARPENTER		BLD		29.330	31.580	1.5	1.5	2.0	7.700	14.66	0.000	0.520
CARPENTER		HWY		30.820	33.070	1.5	1.5	2.0	7.700	15.14	0.000	0.520
CEMENT MASON		BLD		27.090	28.840	1.5	1.5	2.0	8.140	14.76	0.000	0.500
CEMENT MASON		HWY		28.280	29.780	1.5	1.5	2.0	8.140	15.13	0.000	0.500
CERAMIC TILE FNSHER		BLD		29.750	0.000	1.5	1.5	2.0	8.300	9.500	0.000	0.580
ELECTRIC PWR EQMT OP		ALL		38.300	45.290	1.5	1.5	2.0	6.150	10.73	0.000	0.380
ELECTRIC PWR GRNDMAN		ALL		26.280	45.290	1.5	1.5	2.0	5.790	7.360	0.000	0.260
ELECTRIC PWR LINEMAN		ALL		42.540	45.290	1.5	1.5	2.0	6.280	11.92	0.000	0.430
ELECTRIC PWR TRK DRV		ALL		27.560	45.290	1.5	1.5	2.0	5.830	7.720	0.000	0.280
ELECTRICIAN		BLD		34.820	37.320	1.5	1.5	2.0	5.600	11.07	0.000	0.400
ELECTRONIC SYS TECH		BLD		27.480	29.480	1.5	1.5	2.0	5.750	10.52	0.000	0.400
ELEVATOR CONSTRUCTOR		BLD		41.070	46.200	2.0	2.0	2.0	12.73	13.46	3.290	0.600
GLAZIER		BLD		31.670	33.670	1.5	1.5	2.0	9.950	7.700	0.000	1.250
HT/FROST INSULATOR		BLD		42.850	45.350	1.5	1.5	2.0	11.17	11.96	0.000	0.720
IRON WORKER		BLD		31.010	32.910	1.5	1.5	2.0	9.390	12.26	0.000	0.540
IRON WORKER		HWY		34.580	36.580	1.5	1.5	2.0	9.390	12.26	0.000	0.390
LABORER		BLD		25.470	26.970	1.5	1.5	2.0	7.700	13.75	0.000	0.800
LABORER		HWY		28.830	30.330	1.5	1.5	2.0	7.700	16.19	0.000	0.800
LABORER, SKILLED		BLD		25.870	27.370	1.5	1.5	2.0	7.700	13.75	0.000	0.800
LABORER, SKILLED		HWY		29.130	30.630	1.5	1.5	2.0	7.700	16.19	0.000	0.800
LATHER		BLD		29.330	31.580	1.5	1.5	2.0	7.700	14.66	0.000	0.520
MACHINERY MOVER		HWY		34.580	36.580	1.5	1.5	2.0	9.390	12.26	0.000	0.390
MACHINIST		BLD		43.920	46.420	1.5	1.5	2.0	6.760	8.950	1.850	0.000
MARBLE FINISHERS		BLD		29.750	0.000	1.5	1.5	2.0	8.300	9.500	0.000	0.580
MARBLE MASON		BLD		31.510	32.760	1.5	1.5	2.0	8.300	9.500	0.000	0.580
MILLWRIGHT		BLD		30.240	32.490	1.5	1.5	2.0	7.700	14.09	0.000	0.520
MILLWRIGHT		HWY		31.820	34.070	1.5	1.5	2.0	7.700	14.64	0.000	0.520
OPERATING ENGINEER		BLD	1	36.000	39.000	1.5	1.5	2.0	6.750	16.60	0.000	3.000
OPERATING ENGINEER		BLD	2	33.490	39.000	1.5	1.5	2.0	6.750	16.60	0.000	3.000
OPERATING ENGINEER		BLD	3	29.340	39.000	1.5	1.5	2.0	6.750	16.60	0.000	3.000
OPERATING ENGINEER		HWY	1	36.000	39.500	1.5	1.5	2.0	6.750	16.60	0.000	3.000
OPERATING ENGINEER		HWY	2	33.490	39.500	1.5	1.5	2.0	6.750	16.60	0.000	3.000
OPERATING ENGINEER		HWY	3	29.340	39.500	1.5	1.5	2.0	6.750	16.60	0.000	3.000
PAINTER		ALL		33.000	35.000	1.5	1.5	1.5	10.00	8.200	0.000	1.350
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		BLD		29.830	32.080	1.5	1.5	2.0	7.700	14.66	0.000	0.520
PILEDRIVER		HWY		31.820	34.070	1.5	1.5	2.0	7.700	15.14	0.000	0.520
PIPEFITTER		BLD		37.400	41.510	1.5	1.5	2.0	7.000	11.63	0.000	1.060
PLASTERER		BLD		27.770	29.770	1.5	1.5	2.0	8.140	13.71	0.000	0.650
PLUMBER		BLD		34.520	37.630	1.5	1.5	2.0	7.000	13.31	0.000	0.900
ROOFER		BLD		29.580	31.060	1.5	1.5	2.0	8.450	7.220	0.000	0.250
SHEETMETAL WORKER		BLD		32.150	33.760	1.5	1.5	2.0	8.270	14.18	0.000	0.780
SIGN HANGER		HWY		34.580	36.580	1.5	1.5	2.0	9.390	12.26	0.000	0.390
SPRINKLER FITTER		BLD		37.120	39.870	1.5	1.5	2.0	8.420	8.500	0.000	0.350
STEEL ERECTOR		HWY		34.580	36.580	1.5	1.5	2.0	9.390	12.26	0.000	0.390
STONE MASON		BLD		32.060	33.560	1.5	1.5	2.0	8.300	9.500	0.000	0.580
SURVEY WORKER		ALL		28.900	30.400	1.5	1.5	2.0	7.700	14.86	0.000	0.800

level forms, form setters, gunite nozzle man & sandblasting nozzle man, power man, and rip-rapping by hand.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

OPERATING ENGINEERS - BUILDING

Class 1. Cranes; Overhead Cranes; Gradall; All Cherry Pickers; Mechanics; Central Concrete Mixing Plant Operator; Road Pavers (27E - Dual Drum - Tri Batchers); Blacktop Plant Operators and Plant Engineers; 3 Drum Hoist; Derricks; Hydro Cranes; Shovels; Skimmer Scoops; Koehring Scooper; Drag Lines; Backhoe; Derrick Boats; Pile Drivers and Skid Rigs; Clamshells; Locomotive Cranes; Dredge (all types) Motor Patrol; Power Blades - Dumore - Elevating and similar types; Tower Cranes (Crawler-Mobile) and Stationary; Crane-type Backfiller; Drott Yumbo and similar types considered as Cranes; Caisson Rigs; Dozer; Tournadozer; Work Boats; Ross Carrier; Helicopter; Tournapulls - all and similar types; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Heavy Equipment Greaser; CMI, CMI Belt Placer, Auto Grade & 3 Track and similar types; Side Booms; Multiple Unit Earth Movers; Creter Crane; Trench Machine; Pump-crete-Belt Crete-Squeeze Cretes-Screw-type Pumps and Gypsum; Bulker & Pump - Operator will clean; Formless Finishing Machine; Flaherty Spreader or

similar types; Screed Man on Laydown Machine; Wheel Tractors (industrial or Farm-type w/Dozer-Hoe-Endloader or other attachments); F.W.D. & Similar Types; Vermeer Concrete Saw.

Class 2. Dinkeys; Power Launches; PH One-pass Soil Cement Machine (and similar types); Pugmill with Pump; Backfillers; Euclid Loader; Forklifts; Jeeps w/Ditching Machine or other attachments; Tunneler; Automatic Cement and Gravel Batching Plants; Mobile Drills (Soil Testing) and similar types; Gurrries and Similar Types; (1) and (2) Drum Hoists (Buck Hoist and Similar Types); Chicago Boom; Boring Machine & Pipe Jacking Machine; Hydro Boom; Dewatering System; Straw Blower; Hydro Seeder; Assistant Heavy Equipment Greaser on Spread; Tractors (Track type) without Power Unit pulling Rollers; Rollers on Asphalt -- Brick Macadem; Concrete Breakers; Concrete Spreaders; Mule Pulling Rollers; Center Stripper; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Cement Finishing Machine; Barber Green or similar loaders; Vibro Tamper (All similar types) Self-propelled; Winch or Boom Truck; Mechanical Bull Floats; Mixers over 3 Bag to 27E; Tractor pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Truck Type Hoptoe Oilers; Fireman; Spray Machine on Paving; Curb Machines; Truck Crane Oilers; Oil Distributor; Truck-Mounted Saws.

Class 3. Air Compressor; Power Subgrader; Straight Tractor; Trac Air without attachments; Herman Nelson Heater, Dravo, Warner, Silent Glo, and similar types; Roller: Five (5) Ton and under on Earth or Gravel; Form Grader; Crawler Crane & Skid Rig Oilers; Freight Elevators - permanently installed; Pump; Light Plant; Generator; Conveyor (1) or (2) - Operator will clean; Welding Machine; Mixer (3) Bag and Under (Standard Capacity with skip); Bulk Cement Plant; Oiler on Central Concrete Mixing Plant.

OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION

CLASS 1. Cranes; Hydro Cranes; Shovels; Crane Type Backfiller; Tower, Mobile, Crawler, & Stationary Cranes; Derricks; Hoists (3 Drum); Draglines; Drott Yumbo & Similar Types considered as Cranes; 360 Degree Swing Excavator (Shears, Grapples, Movacs, etc.); Back Hoe; Derrick Boats; Pile Driver and Skid Rigs; Clam Shell; Locomotive - Cranes; Road Pavers - Single Drum - Dual Drum - Tri Batcher; Motor Patrols & Power Blades - Dumore - Elevating & Similar Types; Mechanics; Central Concrete Mixing Plant Operator; Asphalt Batch Plant Operators and Plant Engineers; Gradall; Caisson Rigs; Skimmer Scoop - Koering Scooper; Dredges (all types); Hoptoe; All Cherry Pickers; Work Boat; Ross Carrier; Helicopter; Dozer; Tournadozer; Tournapulls - all and similar types; Operation of Concrete and all Recycle Machines; Multiple Unit Earth Movers; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Operation of Material Crusher, Screening Plants, and Tunnel Boring Machine; Heavy Equipment Greaser (top greaser on spread); CMI, Auto Grade, CMI Belt Placer & 3 Track and Similar Types; Side Booms; Asphalt Heater & Planer Combination (used to plane streets); Wheel Tractors (with Dozer, Hoe or Endloader Attachments); CAT Earthwork Compactors and Similar Types; Blaw Knox Spreader and Similar Types; Trench Machines; Pump Crete - Belt Crete - Squeeze Crete - Screw Type Pumps and Gypsum (operator will clean); Creter Crane; Operation of Concrete Pump Truck; Formless Finishing Machines; Flaherty Spreader or Similar Types; Screed Man on Laydown Machine; Vermeer Concrete Saw; Operation of Laser Screed; Span Saw; Dredge Leverman; Dredge Engineer; Lull or Similar Type; Hydro-Boom Truck; Operation of Guard Rail Machine; and Starting Engineer on Pipeline or Construction (11 or more pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps

(Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc, and Ground Heater (Trailer Mounted).

CLASS 2. Bulker & Pump; Power Launches; Boring Machine & Pipe Jacking Machine; Dinkeys; Operation of Carts, Powered Haul Unit for a Boring Machine; P & H One Pass Soil Cement Machines and Similar Types; Wheel Tractors (Industry or Farm Type - Other); Back Fillers; Euclid Loader; Fork Lifts; Jeep w/Ditching Machine or Other Attachments; Tunneluger; Automatic Cement & Gravel Batching Plants; Mobile Drills – Soil Testing and Similar Types; Pugmill with Pump; All (1) and (2) Drum Hoists; Dewatering System; Straw Blower; Hydro-Seeder; Bump Grinders (self-propelled); Assistant Heavy Equipment Greaser; Apsco Spreader; Tractors (Track-Type) without Power Units Pulling Rollers; Rollers on Asphalt - Brick or Macadam; Concrete Breakers; Concrete Spreaders; Cement Strippers; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Vibro-Tampers (All Similar Types Self-Propelled); Mechanical Bull Floats; Self-Propelled Concrete Saws; Truck Mounted Power Saws; Operation of Curb Cutters; Mixers - Over Three (3) Bags; Winch and Boom Trucks; Tractor Pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Mule Pulling Rollers; Pugmill without Pump; Barber Greene or Similar Loaders; Track Type Tractor w/Power Unit attached (minimum); Fireman; Spray Machine on Paving; Curb Machines; Paved Ditch Machine; Power Broom; Self-Propelled Sweepers; Self-Propelled Conveyors; Power Subgrader; Oil Distributor; Straight Tractor; Truck Crane Oiler; Truck Type Oilers; Directional Boring Machine; Horizontal Directional Drill; Articulating End Dump Vehicles; Starting Engineer on Pipeline or Construction (6 -10 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

CLASS 3. Straight Framed Truck Mounted Vac Unit (separately powered); Trac Air Machine (without attachments); Rollers - Five Ton and Under on Earth and Gravel; Form Graders; Bulk Cement Plant; Oilers; and Starting Engineer on Pipeline or Construction (3 - 5 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

PART 3- SPECIAL PROVISIONS

STATE OF ILLINOIS
CITY OF PEORIA
Special Provisions

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction,” Adopted January 1, 2012, the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways,” and the “Manual of Test Procedures for Materials” in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply and govern the construction of Poplett Hollow Road Culvert Replacement and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

This project is located within Peoria County, in Peoria, Illinois. Improvements are generally defined as 70’ east and west of the existing 60” culvert.

DESCRIPTION OF PROJECT

Improvements include earth excavation, subbase granular material, HMA pavement, aggregate shoulder, concrete gutter, concrete box culvert and end sections, sheet piling, gabions, traffic control and protection, seeding, various removals, and miscellaneous other improvements specified herein and as shown on the plans.

NOTIFICATION OF START

The Contractor shall notify the Engineer (309-691-5300) at least seventy - two (72) hours (5:00 p.m. Friday to 8:00 a.m. Monday excluded) prior to the start, or the restart, of construction operations. Any less time notification could cause delay to the Contractor.

CERTIFICATE OF INSURANCE

Before any contract will be approved, the successful bidder must have on file with the Engineer, a Certificate of Insurance indicating the amount of coverage for each of the required types of insurance as well as a hold harmless clause for the Engineer, its employees; the City of Peoria, its Council, and its employees.

COMPLETION DATE

The Contractor shall complete the work no later than the specific date included herein. The contract completion period may be extended only by written change order. The Contractor shall submit to the Engineer for approval, at the pre-construction conference, a feasible progress schedule showing the order in which the Contractor will start each major work activity, and the planned dates for completing each major work activity. The schedule shall contain a date certain for substantial completion and a date certain for final completion. The term “substantial completion” shall mean substantial completion of the work, or of a designated portion.

Substantial completion occurs on the date when construction is sufficiently complete in accordance with the Contract Documents so that the Awarding Authority can occupy or utilize the Project, or a designated portion, for the use of which it is intended. A certificate of Substantial Completion signed by the Awarding Authority shall confirm this date. The certificate shall list the items to be completed

or corrected and establish the time for their completion and correction. Liquidated damages shall be at the rate specified for calendar days as described in Articles 108.09 of the Standard Specifications starting the first day after substantial completion should have been accomplished until substantial completion is accomplished to the satisfaction of the Engineer in his sole discretion.

The term "final completion" does not mean "substantial completion." The term "final completion" shall mean that all the work described on the plans and specifications or work necessary to restore land or buildings damaged or impacted by the project shall be accomplished in its entirety. This work includes any and all construction, grading, shaping, landscaping, sodding, seeding, mulching, restoration, or clean up that may be required on the project. All items, which required correction due to final inspection ("punch list items"), shall be corrected or reconstructed in their entirety prior to final completion.

The work is not finally complete if any item of work remains to be accomplished or if the Contractor has not submitted any required document including, but not limited to, operators' manuals, shop drawings, and other documents essential for completion or maintenance of the work, or completed any obligation imposed on Contractor by the Contract Documents. Liquidated damages shall be at the rate specified for calendar days as described in Article 108.09 of the Standard Specifications starting the first day after final completion should have been accomplished until final completion is accomplished to the satisfaction of the Engineer in his sole discretion.

It is expected that the successful bidder have the Poplett Hollow Road Culvert Replacement project including but not limited to: concrete culverts, HMA pavement, gutter, substantially complete and opened to traffic according to Article 107.29 of the Standard Specifications on or before September 30, 2014.

All work shall be finally complete by October 7, 2014.

Liquidated damages for failing to complete all work associated with the substantial completion date of September 30, 2014 and all work associated with the final completion date of October 7, 2014 will be deducted from the contract according to Article 108.09 of the Standard Specifications.

CONSTRUCTION SEQUENCE

At the preconstruction meeting, the Contractor shall propose a detailed sequence of construction activities to the Owner for review and approval. It is the intent of the City to avoid traffic conflicts as much as possible.

The Contractor shall be free to propose the construction sequence that is most beneficial to him, but must follow that sequence that is finally approved by the City. All costs that result from adhering to the construction sequence shall be considered incidental to the Contract and no additional compensation shall be allowed.

PRE-CONSTRUCTION CONFERENCE

The Contractor shall attend a Pre-Construction Conference at a mutually determined date.

At that meeting, the Contractor will present two (2) copies each of his/her Plan of Work as outlined

below, his/her Traffic Control Plan as described herein and initial shop drawings for materials to be used to the Engineer for approval. The Contractor shall also submit a list of all suppliers, subcontractors, and copies of bituminous and concrete mix designs proposed for use on the project. The Engineer will return one (1) set of the Plan of Work and Traffic Control Plan, three (3) sets of shop drawings, and one copy each of the lists of subcontractors, suppliers, and mix designs with approval or denial within fourteen (14) days thereafter.

The Plan of Work shall indicate, as closely as possible, the schedule of activities planned by the Contractor and shall be submitted on I.D.O.T. form BC-255.

The Traffic Control Plan shall indicate how traffic is to be maintained in accordance with Traffic Control Special Provisions and the staging shown in the plans for all areas in which work is to be performed. The construction staging sequence described in the plans shall be followed unless written approval is obtained from both the Engineer and City of Peoria.

Work may not be started on any phase of the Project until the Engineer has approved the Plan of Work, Traffic Control Plan and other submittals.

SHOP DRAWINGS AND SAMPLES

Submittals – After checking and verifying all field measurements and after complying with applicable procedures specified herein, the Contractor shall submit Shop Drawings to Engineer for review and approval. Unless otherwise specified, the Contractor shall submit six (6) copies of all Shop Drawings, which will bear a stamp, or specific written indication, that Contractor has satisfied Contractor's responsibilities under the Contract Documents with respect to the review of the submission. All submissions will be identified as Engineer may require. The data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials and similar data to enable Engineer to review information as required.

Electronic Submissions - If the Contractor chooses to prepare electronic submittals in lieu of the paper copy submittals, the electronic submittals shall comply with the following requirements:

1. All shop drawing and product data submittals transmitted to the Engineer in electronic (PDF) format shall be formatted to print on 22" X 34" sheets except in instances where the Contractor has obtained approval by the Engineer prior to the submittal to format a submittal to print on 11" X 17" sheets or 8 1/2" X 11" sheets.
2. The intent of electronic submittals is to expedite the construction process by reducing paperwork, improving information flow, and decreasing turnaround time.
3. The Contractor shall not be allowed to use electronic submittals for the following unless approved by the Engineer:
 - a. Color samples, color charts and physical material samples.
 - b. Applications for payment, requests for information, construction schedules, reports, and other submittals not related to shop drawings and product data.

Samples – Contractor shall also submit all samples required by the Contract Documents to Engineer

for review and approval with such promptness as to cause no delay in work. All samples shall be checked by, and accompanied by, a specific written indication that Contractor has satisfied Contractor's responsibilities under the Contract Documents with respect to the review of the submission and will be identified clearly as to material, supplier, pertinent data such as catalog numbers and the use for which intended.

Verification – Before submission of each Shop Drawing, Contractor shall have determined and verified all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers and similar data with respect thereto and reviewed or coordinated each Shop Drawing with other Shop Drawings and with the requirements of the work and the Contract Documents.

Variations – At the time of each submission, Contractor shall give Engineer specific written notice of each variation that the Shop Drawings may have from the requirements of the Contract Documents, and, in addition, shall cause a specific notation to be made on each Shop Drawing submitted to Engineer for review and approval of each such variation.

Review – Engineer will review and approve with reasonable promptness Shop Drawings, but Engineer's review and approval will be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents and shall not extend to means, methods, techniques, sequences or procedures of construction (except where a specific means, method technique, sequence or procedure of construction is indicated in or required by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.

Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit as required new samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

Responsibility – Engineer's review and approval of Shop Drawings shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has in writing called Engineer's attention to each such variation at the time of submission as required above and Engineer has given written approval of each such variation by a specific written notation thereof incorporated in or accompanying the Shop Drawing approval; nor will any approval by Engineer relieve Contractor from responsibility for errors or omissions in the Shop Drawings or from responsibility for having complied with the provisions herein.

Payment – Where a Shop Drawing is required by the Specifications, any related work performed prior to Engineer's review and approval of the pertinent submission shall be considered incidental to the contract and no compensation shall be allowed.

CONTRACTOR STAGING AREAS AND EMPLOYEE PARKING

The City has no properties within and adjacent to the limits of the Project that will be available for Contractor parking and storage. Personal vehicles of employees parked on public streets are subject to all parking regulations.

CONSTRUCTION CLEANING

Description – In addition to the requirements of the Standard Specifications and as specified herein, the Contractor's attention is called to the need to maintain areas free of accumulations of waste materials and earth, rubbish and other debris resulting from the work. Where truck crossings occur over sidewalks, they shall be kept free from all spilled earth and other materials and shall be at all times be maintained in a passable condition for pedestrian traffic. All damaged sidewalks shall be removed and replaced by the Contractor at the Contractor's sole expense as directed by the Engineer.

Generally, the transportation of materials to and from the site shall be over regular streets. When the Contractor's operations or that of its shippers, haulers, or subcontractors are such that dirt, mud, or debris is spilled or otherwise deposited on streets, driveways, sidewalks, or other thoroughfares near the project site, the Contractor shall immediately clean up large chunks after each truck or deposit of any debris on the road and shall, before the close of every day's operations, scrape any mud, dirt or debris from the surface and as directed by the Engineer to maintain safe conditions for the traveling public. Streets, driveways, sidewalks, or other thoroughfares shall be washed if directed by the Engineer. In case of dispute or Contractor's failure to perform this cleanup work, the City may elect to clean the streets and walks, remove the rubbish, etc., and will charge the cost to the Contractor, by withholding monies due to cover all charged work.

Open burning of debris shall not be permitted unless specifically authorized in writing by the City. If approved, said open burning shall be conducted in compliance with all pertinent state, municipal or other local codes, ordinances, rules or regulations.

All damage due to negligence of the Contractor to city streets, driveways, sidewalks, or other thoroughfares shall be removed and replaced at the Contractor's expense as directed by the Engineer.

PROTECTION OF THE PUBLIC

In general, protection of the public shall be in accordance with Chapter 26, Article V of the Code of the City of Peoria, Illinois entitled "Excavation Generally," except that Sections 26-139, 26-140, 26-141 and 26-142 shall not apply.

TRAFFIC CONTROL AND PROTECTION, SPECIAL

Description – This work shall consist of furnishing all labor, material, transportation, and equipment necessary to provide and maintain traffic control in accordance with applicable portions of the Standard Specifications for Road and Bridge Construction, applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions, plan details, Highway Standards, Traffic Control Plans, Construction Staging Plans, and as directed by the Engineer.

Construction - Prior to the commencement of the work, the Contractor, City of Peoria, and Engineer shall confirm the Contractor's intended use of City streets. The plan shall permit full use of some streets, limited use of others, and no use of some streets. Once the City of Peoria, Engineer, and Contractor have agreed upon a traffic plan, the Contractor shall mark by signs or other authorized methods, those streets on which construction vehicles are not allowed.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications for Road and Bridge Construction and the following Standard Specifications, Highway Standards, special provisions relating to traffic control, and the Traffic Control Plans.

Standard Specifications:

Section 701 - Work Zone Traffic Control and Protection

Section 1106 - Work Zone Traffic Control Devices

Highway Standards:	701006	701011	701301	701311
	701901	BLR 17	BLR 21	BLR 22

All traffic control devices used on this project shall conform to the Standard Specifications for Road and Bridge Construction, applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, Special Provisions, plan details, Highway Standards, and Traffic Control Plans. No modification of these requirements will be allowed without prior written approval of the Engineer. Traffic Control devices shall also be provided in accordance with the current IDOT Quality Standard for Work Zone Traffic Control Devices. The Contractor shall replace any signs, which have been damaged or do not meet the Quality Standard, as directed by the Engineer.

The following traffic control standards shall be utilized during, but not limited, to, the listed construction operations:

TRAFFIC CONTROL AND PROTECTION, STANDARD 701006:

Traffic Control and Protection, Standard 701006 shall be utilized for any miscellaneous work, when any vehicles, equipment, workers or their activities will encroach in the area 15' to 24" from the edge of pavement.

Traffic Control and Protection, Standard 701006 will not be measured for payment in accordance with Article 701.19(a) of the Standard Specifications.

TRAFFIC CONTROL AND PROTECTION, STANDARD 701011:

Traffic Control and Protection, Standard 701011 shall be used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the shoulder, where the average speed is 1 mph or less.

Traffic Control and Protection, Standard 701301 will not be measured for payment in accordance with Article 701.19(a) of the Standard Specifications.

TRAFFIC CONTROL AND PROTECTION, STANDARD 701301:

Traffic Control and Protection, Standard 701301 shall be used for minor cleanup operations and other short term operations of less than 60 minutes occurring between the centerline and a line 2' outside the edge of pavement.

Traffic Control and Protection, Standard 701301 will not be measured for payment in accordance with Article 701.19(a) of the Standard Specifications.

TRAFFIC CONTROL AND PROTECTION, STANDARD 701311:

Traffic Control and Protection, Standard 701311 shall be used for pavement marking, landscaping work and debris cleanup when any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph.

Traffic Control and Protection, Standard 701311 will not be measured for payment in accordance with Article 701.19(a) of the Standard Specifications.

TRAFFIC CONTROL AND PROTECTION, STANDARD BLR17:

Traffic Control and Protection, Standard BLR17 shall be utilized when the road is closed to thru traffic exceeding one daylight period.

Traffic Control and Protection, Standard BLR17 will not be measured or paid for separately but shall be included in the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

TRAFFIC CONTROL AND PROTECTION, STANDARD BLR21:

Traffic Control and Protection, Standard BLR21 shall be utilized when the road is closed to all traffic according to the construction staging plans.

Traffic Control and Protection, Standard BLR21 will not be measured or paid for separately but shall be included in the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

TRAFFIC CONTROL AND PROTECTION, STANDARD BLR22:

Traffic Control and Protection, Standard BLR22 shall be utilized when the road is closed to thru traffic according to the construction staging plans.

Traffic Control and Protection, Standard BLR22 will not be measured or paid for separately but shall be included in the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

If at any time the signs in place are not applicable, they shall be turned from the view of the motorist or covered as directed by the engineer. The cost of furnishing, erecting, maintaining, and removing the required signs will be included in the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

Basis of Payment – All items necessary to provide traffic control and protection in accordance with the plans and special provisions will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

TEMPORARY BRIDGE COMPLETE

This work shall consist of constructing a temporary emergency access bridge on site and shall include the delivery, fabrication, installation, maintenance, and removal of temporary bridge, abutments, and

pavement in accordance with Section 513 of the Standard Specifications, the details shown on the plans and as directed by the Engineer.

The temporary bridge shall be designed for an HS20 vehicle load.

Temporary pavements shall be a minimum of 8" of aggregate surface course (CA-10) and shall be maintained for the duration of usage.

Loss of access shall be limited to one occurrence to install the temporary bridge and one occurrence to remove the temporary bridge, with a maximum duration of 6 hrs. The loss of access shall not occur before 9:00 a.m. and shall be restored by 4:00 p.m. City and affected residents shall be given a seven day notice of loss of access.

The contractor shall submit shop drawings for the bridge prior to construction.

Basis of Payment – This work will be paid for at the contract unit price per each as TEMPORARY BRIDGE COMPLETE.

EMERGENCY BACKFILL

This road is the only means of access to the houses and other facilities south of the site. In case of emergency, while access is lost and the temporary bridge is not yet installed, the Contractor shall be prepared to backfill the excavation or construct temporary ramps, within 30 minutes to provide access for emergency vehicles. Contractor shall have an adequate supply of material to be used for Granular Backfill for Structures or of the material to be used for temporary pavement on site to fulfill this need prior to causing loss of access. Contractor shall compact the material via equipment wheel loads to ensure emergency vehicles can pass and shall be prepared to assist emergency vehicles should they become stuck in the backfill.

Basis of Payment – This work will be paid for at the contract lump sum price for EMERGENCY BACKFILLING. If not needed, EMERGENCY BACKFILLING will not be paid for and no adjustments in other compensation shall be allowed.

GRANULAR BACKFILL FOR STRUCTURES

This work shall consist of the placement of granular backfill around the box culvert in accordance with the details shown on the plans and as directed by the Engineer.

This shall include the excavation and transportation of suitable excavated material to embankment locations throughout the limits of the contract, or the excavation, transportation, and disposal of excavated material.

This work shall also consist of the placement of 4" of topsoil as shown on the plans and as directed by the Engineer.

Basis of Payment – This work will be paid for at the contract unit price per cubic yard for GRANULAR BACKFILL FOR STRUCTURES.

SEEDING, CLASS 1A

This work shall consist of preparing the seed bed and placing the seed and other materials required in seeding operations in accordance with Section 250 of the Standard Specifications, the details shown on the plans and as directed by the Engineer.

Mulch shall consist of furnishing, transporting, and placing mulch by Method 2 in accordance with Section 251 of the Standard Specifications, the details shown on the plans and as directed by the Engineer.

Fertilizer nutrients of nitrogen, phosphorus, and potassium shall be applied at the ratio and quantity in accordance with Section 250 of the Standard Specifications.

Basis of Payment – This work will be paid for at the contract unit price per acre for SEEDING, CLASS 1A, which price shall include mulch and fertilizer.

GABIONS

This work shall consist of furnishing and placing a protective course of stone confined by wire baskets used as retaining walls in accordance with Section 284 of the Standard Specifications, the details shown on the plans and as directed by the Engineer.

This shall include the removal of existing gabions and preparation of the base for installation of new gabions. New gabions shall be placed to restore the ditch bank as previously constructed.

Basis of Payment – This work will be paid for at the contract unit price per cubic yard for GABIONS.

CONCRETE GUTTER, TYPE A (SPECIAL)

This work shall consist of constructing concrete gutter in accordance with Section 606 of the Standard Specifications, as specified herein, as details on the plans and as directed by the Engineer.

The concrete gutter section shall conform to the details and dimensions as shown in the plans.

Basis of Payment – This work will be paid for at the contract unit price per foot for CONCRETE GUTTER, TYPE A (SPECIAL).

PERMANENT STEEL SHEET PILING

This work shall consist of furnishing and driving piles in accordance with Sections 512 of the Standard Specifications, as specified herein, as details on the plans and as directed by the Engineer.

The sheet piling shall conform to the details and dimensions as shown in the plans.

Basis of Payment – This work will be paid for at the contract unit price per square foot for PERMANENT STEEL SHEET PILING.

BOX CULVERT END SECTIONS, CULVERT NO. 1

This work shall consist of constructing cast-in-place concrete box culvert end sections in accordance with Sections 540 of the Standard Specifications, as specified herein, as details on the plans and as

directed by the Engineer.

The Contractor shall construct the cast-in-place box culvert end sections for the double 7' x 6' culvert at the location shown in the plans which shall include placement of granular backfill bedding, concrete, reinforcement, and forming of end sections.

Basis of Payment – This work will be paid for at the contract unit price per each for BOX CULVERT END SECTIONS, CULVERT NO. 1.

CONSTRUCTION DEBRIS

In accordance with Public Act 90-761 the following shall be added to the third paragraph of Article 202.03 of the “Standard Specifications for Road and Bridge Construction:”

The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years.

A sample of a Construction Debris Manifest has been placed at the back of this contract book, for use in documenting any debris removed from the site. This documentation shall be included in applicable item of construction and shall not be paid for separately.

GUARANTEE PERIOD

The Contractor warrants all work performed under this contract is free from defects and was performed in accordance with the Contract Documents for a period of one (1) year from the date of agreement of final quantities, as agreed in writing, by the City Engineer after all parties have signed the document. In case of acceptance of a part of the work for use prior to the agreement to final quantities, the guarantee for the part so accepted shall be for a period of one (1) year from the date of such partial acceptance, in writing, by the City Engineer. Work performed due to this warranty requirement shall be guaranteed for a period of one (1) year. The Guarantee Period may be further amended in the Special Provisions.

COSTS INCLUDED IN THE CONTRACT

The Contractor shall assume all costs associated with the cancellation of work by the Contractor. If the Contractor stops work, the Contractor shall not claim compensation for minimum charges associated with labor, rentals, etc. Conditions that might result in the stoppage of work include inclement weather.

Costs incurred by the Contractor and associated with the acquisition of permits not provided as part of these Specifications shall be included in the contract amount.

Costs incurred by the Contractor for small tools, consumables, and safety items not provided as part of these Specifications shall be included in the contract amount. Examples of these items include shovels, drills, saws, drill bits, saw blades, gloves, safety vests, hard hats, etc.

Costs incurred by the Contractor and associated with the compliance with laws pertaining to the

location of subsurface utilities and structures (including the JULIE system) shall be included in the contract amount.

Costs incurred by the Contractor and associated with the repair of damage to either public or private property, caused by work performed by the Contractor in the completion of this project, shall be the exclusive responsibility of the Contractor and shall be included in the contract amount.

Costs incurred by the Contractor and associated with the protection from damage of trees and vegetation shall be included in the contract amount.

Costs incurred by the Contractor and associated with the protection of aboveground and subsurface utilities including poles, piping, conduits, traffic loops and ducts as well as costs resulting from necessary coordination with utility owners shall be included in the contract amount.

Cost incurred by the Contractor associated with the delivery of materials shall be included in the contract amount unless otherwise specified.

CHECK SHEET
FOR
RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>	<u>RECURRING SPECIAL PROVISIONS</u>	<u>PAGE NO.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts (Eff. 2-1-69)(Rev. 1-1-10)	149
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93)	152
3	<input type="checkbox"/> EEO (Eff. 7-21-78) (Rev. 11-18-80)	153
4	<input type="checkbox"/> Specific Equal Employment Opportunity Responsibilities Non Federal-Aid Contracts (Eff. 3-20-69) (Rev. 1-1-94)	163
5	<input type="checkbox"/> Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-13)	168
6	<input type="checkbox"/> Asbestos Bearing Pad Removal (Eff. 11-1-03)	173
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal (Eff. 6-1-89) (Rev. 1-1-09)	174
8	<input type="checkbox"/> Haul Road Stream Crossings, Other Temporary Stream Crossings, and In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98)	175
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges (Eff. 1-1-99) (Rev. 1-1-07)	176
10	<input type="checkbox"/> Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07)	179
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07)	182
12	<input type="checkbox"/> Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07)	184
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction (Eff. 11-1-87) (Rev. 1-1-09)	188
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing (Eff. 2-1-00) (Rev. 1-1-09)	190
15	<input type="checkbox"/> PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07)	191
16	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07)	193
17	<input type="checkbox"/> Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08)	194
18	<input type="checkbox"/> PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07)	196
19	<input type="checkbox"/> Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07)	197
20	<input type="checkbox"/> Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-12)	198
21	<input type="checkbox"/> Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-12)	202
22	<input type="checkbox"/> Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07)	204
23	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07)	206
24	<input type="checkbox"/> Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07)	208
25	<input type="checkbox"/> Night Time Inspection of Roadway Lighting (Eff. 5-1-96)	209
26	<input type="checkbox"/> English Substitution of Metric Bolts (Eff. 7-1-96)	210
27	<input type="checkbox"/> English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03)	211
28	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01) (Rev. 1-1-13)	212
29	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay for Pavements (Eff. 11-1-08) (Rev. 1-1-13)	213
30	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant (Eff. 8-1-00) (Rev. 1-1-14)	216
31	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-14)	224
32	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations (Eff. 4-1-07)	240
33	<input type="checkbox"/> Pavement Marking Removal (Eff. 4-1-09)	242
34	<input type="checkbox"/> Preventive Maintenance – Bituminous Surface Treatment (Eff. 1-1-09) (Rev. 1-1-12)	243
35	<input type="checkbox"/> Preventive Maintenance – Cape Seal (Eff. 1-1-09) (Rev. 1-1-12)	249
36	<input type="checkbox"/> Preventive Maintenance – Micro-Surfacing (Eff. 1-1-09) (Rev. 1-1-12)	264
37	<input type="checkbox"/> Preventive Maintenance – Slurry Seal (Eff. 1-1-09) (Rev. 1-1-12)	275
38	<input type="checkbox"/> Temporary Raised Pavement Markers (Eff. 1-1-09) (Rev. 1-1-14)	285
39	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam (Eff. 1-1-09) (Rev. 1-1-12)	286

CHECK SHEET
FOR
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
LRS 1	Reserved	290
LRS 2	<input type="checkbox"/> Furnished Excavation (Eff. 1-1-99) (Rev. 1-1-07).....	291
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control (Eff. 1-1-99) (Rev. 1-1-10).....	292
LRS 4	<input type="checkbox"/> Flaggers in Work Zones (Eff. 1-1-99) (Rev. 1-1-07).....	293
LRS 5	<input checked="" type="checkbox"/> Contract Claims (Eff. 1-1-02) (Rev. 1-1-07).....	294
LRS 6	<input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals (Eff. 1-1-02) (Rev. 1-1-13).....	295
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals (Eff. 1-1-02) (Rev. 1-1-13).....	301
LRS 8	Reserved	307
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments (Eff. 1-1-99) (Rev. 1-1-11).....	308
LRS 10	Reserved	309
LRS 11	<input checked="" type="checkbox"/> Employment Practices (Eff. 1-1-99).....	310
LRS 12	<input type="checkbox"/> Wages of Employees on Public Works (Eff. 1-1-99) (Rev. 1-1-14).....	312
LRS 13	<input checked="" type="checkbox"/> Selection of Labor (Eff. 1-1-99)(Rev. 1-1-12).....	314
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks (Eff. 1-1-04) (Rev. 1-1-09).....	315
LRS 15	<input checked="" type="checkbox"/> Partial Payments (Eff. 1-1-07).....	318
LRS 16	<input type="checkbox"/> Protests on Local Lettings (Eff. 1-1-07) (Rev. 1-1-13).....	319
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program (Eff. 1-1-08)(Rev. 1-8-08).....	320
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt (Eff. 1-1-07) (Rev. 1-1-13).....	321

BDE SPECIAL PROVISIONS
For the April 25 and June 13, 2014 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80240	1	Above Grade Inlet Protection	July 1, 2009	Jan. 1, 2012
80099	2	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80274	3	Aggregate Subgrade Improvement	April 1, 2012	Jan. 1, 2013
80192	4	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	5	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2013
80241	6	Bridge Demolition Debris	July 1, 2009	
50261	7	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	8	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	9	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	10	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80292	11	Coarse Aggregate in Bridge Approach Slabs/Footings	April 1, 2012	April 1, 2013
80310	12	Coated Galvanized Steel Conduit	Jan. 1, 2013	
80198	13	Completion Date (via calendar days)	April 1, 2008	
80199	14	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
* 80293	15	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	April 1, 2014
* 80294	16	Concrete Box Culverts with Skews ≤ 30 Degrees Regardless of Design Fill and Skews > 30 Degrees with Design Fills > 5 Feet	April 1, 2012	April 1, 2014
80311	17	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	
* 80334	18	Concrete Gutter, Curb, Median, and Paved Ditch	April 1, 2014	
80277	19	Concrete Mix Design – Department Provided	Jan. 1, 2012	Jan. 1, 2014
80261	20	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2014
* 80335	21	Contract Claims	April 1, 2014	
80029	22	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Aug. 2, 2011
80265	23	Friction Aggregate	Jan. 1, 2011	
80229	24	Fuel Cost Adjustment	April 1, 2009	July 1, 2009
80329	25	Glare Screen	Jan. 1, 2014	
80303	26	Granular Materials	Nov. 1, 2012	
80304	27	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Jan. 1, 2013
80246	28	Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2012
80322	29	Hot-Mix Asphalt – Mixture Design Composition and Volumetric Requirements	Nov. 1, 2013	
80323	30	Hot-Mix Asphalt – Mixture Design Verification and Production	Nov. 1, 2013	
80315	31	Insertion Lining of Culverts	Jan. 1, 2013	Nov. 1, 2013
* 80336	32	Longitudinal Joint and Crack Patching	April 1, 2014	
* 80324	33	LRFD Pipe Culvert Burial Tables	Nov. 1, 2013	April 1, 2014
80325	34	LRFD Storm Sewer Burial Tables	Nov. 1, 2013	
80045	35	Material Transfer Device	June 15, 1999	Jan. 1, 2009
80165	36	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
* 80337	37	Paved Shoulder Removal	April 1, 2014	
80330	38	Pavement Marking for Bike Symbol	Jan. 1, 2014	
80298	39	Pavement Marking Tape Type IV	April 1, 2012	
80254	40	Pavement Patching	Jan. 1, 2010	
80331	41	Payrolls and Payroll Records	Jan. 1, 2014	
80332	42	Portland Cement Concrete – Curing of Abutments and Piers	Jan. 1, 2014	
80326	43	Portland Cement Concrete Equipment	Nov. 1, 2013	
* 80338	44	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	
80300	45	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	

<u>File Name</u>	<u>#</u>		<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80328	46	<input type="checkbox"/>	Progress Payments	Nov. 2, 2013	
80281	47	<input type="checkbox"/>	Quality Control/Quality Assurance of Concrete Mixtures	Jan. 1, 2012	Jan. 1, 2014
34261	48	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	49	<input type="checkbox"/>	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	50	<input checked="" type="checkbox"/>	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	April 1, 2014
80327	51	<input checked="" type="checkbox"/>	Reinforcement Bars	Nov. 1, 2013	
80283	52	<input checked="" type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2012	Nov. 2, 2012
80319	53	<input checked="" type="checkbox"/>	Removal and Disposal of Surplus Materials	Nov. 2, 2012	
80307	54	<input type="checkbox"/>	Seeding	Nov. 1, 2012	
80339	55	<input type="checkbox"/>	Stabilized Subbase	April 1, 2014	
80127	56	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	April 1, 2009
80317	57	<input type="checkbox"/>	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	
80301	58	<input type="checkbox"/>	Tracking the Use of Pesticides	Aug. 1, 2012	
80333	59	<input type="checkbox"/>	Traffic Control Setup and Removal Freeway/Expressway	Jan. 1, 2014	
20338	60	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	
80318	61	<input type="checkbox"/>	Traversable Pipe Grate	Jan. 1, 2013	April 1, 2014
80288	62	<input type="checkbox"/>	Warm Mix Asphalt	Jan. 1, 2012	Nov. 1, 2013
80302	63	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	
80289	64	<input type="checkbox"/>	Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	65	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

The following special provisions are in the 2014 Supplemental Specifications and Recurring Special Provisions:

<u>File Name</u>		<u>Special Provision Title</u>	<u>New Location</u>	<u>Effective</u>	<u>Revised</u>
80309	Anchor Bolts		Articles 1006.09, 1070.01, and 1070.03	Jan. 1, 2013	
80276	Bridge Relief Joint Sealer		Article 503.19 and Sections 588 and 589	Jan. 1, 2012	Aug. 1, 2012
80312	Drain Pipe, Tile, Drainage Mat, and Wall Drain		Article 101.01, 1040.03, and 1040.04	Jan. 1, 2013	
80313	Fabric Bearing Pads		Article 1082.01	Jan. 1, 2013	
80169	High Tension Cable Median Barrier		Section 644 and Article 1106.02	Jan. 1, 2007	Jan. 1, 2013
80320	Liquidated Damages		Article 108.09	April 1, 2013	
80297	Modified Urethane Pavement Marking		Section 780, Articles 1095.09 and 1105.04	April 1, 2012	
80253	Movable Traffic Barrier		Section 707 and Article 1106.02	Jan. 1, 2010	Jan. 1, 2013
80231	Pavement Marking Removal		Recurring CS #33	April 1, 2009	
80321	Pavement Removal		Article 440.07	April 1, 2013	
80022	Payments to Subcontractors		Article 109.11	June 1, 2000	Jan. 1, 2006
80316	Placing and Consolidating Concrete		Articles 503.06, 503.07, and 516.12	Jan. 1, 2013	
80278	Planting Woody Plants		Section 253 and Article 1081.01	Jan. 1, 2012	Aug. 1, 2012
80305	Polyurea Pavement Markings		Article 780.14	Nov. 1, 2012	Jan. 1, 2013
80279	Portland Cement Concrete		Sections 312, 503, 1003, 1004, 1019, and 1020	Jan. 1, 2012	Nov. 1, 2013
80218	Preventive Maintenance – Bituminous Surface Treatment		Recurring CS #34	Jan. 1, 2009	April 1, 2012
80219	Preventive Maintenance – Cape Seal		Recurring CS #35	Jan. 1, 2009	April 1, 2012
80220	Preventive Maintenance – Micro-Surfacing		Recurring CS #36	Jan. 1, 2009	April 1, 2012
0221	Preventive Maintenance – Slurry Seal		Recurring CS #37	Jan. 1, 2009	April 1, 2012

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location</u>	<u>Effective</u>	<u>Revised</u>
80224	Restoring Bridge Approach Pavements Using High-Density Foam	Recurring CS #39	Jan. 1, 2009	Jan. 1, 2012
80255	Stone Matrix Asphalt	Sections 406, 1003, 1004, 1030, and 1011	Jan. 1, 2010	Aug. 1, 2013
80143	Subcontractor Mobilization Payments	Article 109.12	April 2, 2005	April 1, 2011
80308	Synthetic Fibers in Concrete Gutter, Curb, Median and Paved Ditch	Articles 606.02 and 606.11	Nov. 1, 2012	
80286	Temporary Erosion and Sediment Control	Articles 280.04 and 280.08	Jan. 1, 2012	
80225	Temporary Raised Pavement Marker	Recurring CS #38	Jan. 1, 2009	
80256	Temporary Water Filled Barrier	Section 708 and Article 1106.02	Jan. 1, 2010	Jan. 1, 2013
80273	Traffic Control Deficiency Deduction	Article 105.03	Aug. 1, 2011	
80270	Utility Coordination and Conflicts	Articles 105.07, 107.19, 107.31, 107.37, 107.38, 107.39 and 107.40	April 1, 2011	Jan. 1, 2012

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal-Case I
- Building Removal-Case II
- Building Removal-Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

GUIDE BRIDGE SPECIAL PROVISION INDEX/CHECK SHEET

Effective as of the: June 13, 2014 Letting

√	File Name	Title	Effective	Revised
	GBSP4	Polymer Modified Portland Cement Mortar	June 7, 1994	July 26, 2013
	GBSP12	Drainage System	June 10, 1994	Jan 1, 2007
	GBSP13	High-Load Multi-Rotational Bearings	Oct 13, 1988	Oct 30, 2012
	GBSP14	Jack and Remove Existing Bearings	April 20, 1994	Jan 1, 2007
	GBSP15	Three Sided Precast Concrete Structure	July 12, 1994	Oct 15, 2011
	GBSP16	Jacking Existing Superstructure	Jan 11, 1993	Jan 1, 2007
	GBSP17	Bonded Preformed Joint Seal	July 12, 1994	Jan 1, 2007
	GBSP18	Modular Expansion Joint	May 19, 1994	April 18, 2014
	GBSP21	Cleaning and Painting Contact Surface Areas of Existing Steel Structures	June 30, 2003	May 18, 2011
	GBSP25	Cleaning and Painting Existing Steel Structures	Oct 2, 2001	April 19, 2012
	GBSP26	Containment and Disposal of Lead Paint Cleaning Residues	Oct 2, 2001	April 30, 2010
	GBSP28	Deck Slab Repair	May 15, 1995	Oct 15, 2011
	GBSP29	Bridge Deck Microsilica Concrete Overlay	May 15, 1995	Oct 30, 2012
	GBSP30	Bridge Deck Latex Concrete Overlay	May 15, 1995	Jan 18, 2011
	GBSP31	Bridge Deck High-Reactivity Metakaolin (HRM) Conc Overlay	Jan 21, 2000	Oct 30, 2012
	GBSP32	Temporary Sheet Piling	Sept 2, 1994	Jan 31, 2012
	GBSP33	Pedestrian Truss Superstructure	Jan 13, 1998	April 18, 2014
	GBSP34	Concrete Wearing Surface	June 23, 1994	Feb 6, 2013
	GBSP35	Silicone Bridge Joint Sealer	Aug 1, 1995	Oct 15, 2011
	GBSP38	Mechanically Stabilized Earth Retaining Walls	Feb 3, 1999	April 18, 2014
	GBSP42	Drilled Soldier Pile Retaining Wall	Sept 20, 2001	Jan 3, 2014
	GBSP43	Driven Soldier Pile Retaining Wall	Nov 13, 2002	Jan 3, 2014
	GBSP44	Temporary Soil Retention system	Dec 30, 2002	May 11, 2009
	GBSP45	Bridge Deck Thin Polymer Overlay	May 7, 1997	Feb 6, 2013
	GBSP46	Geotextile Retaining walls	Sept 19, 2003	July 26, 2013
	GBSP51	Pipe Underdrain for Structures	May 17, 2000	Jan 22, 2010
	GBSP53	Structural Repair of Concrete	Mar 15, 2006	April 18, 2014
	GBSP55	Erection of Curved Steel Structures	June 1, 2007	
	GBSP56	Setting Piles in Rock	Nov 14, 1996	April 19, 2012
	GBSP57	Temporary Mechanically Stabilized Earth Retaining Walls	Jan 6, 2003	April 18, 2014
	GBSP59	Diamond Grinding and Surface Testing Bridge Sections	Dec 6, 2004	Jan 3, 2014
	GBSP60	Containment and Disposal of Non-Lead Paint Cleaning Residues	Nov 25, 2004	Mar 6, 2009
	GBSP61	Slipform Parapet	June 1, 2007	Aug 17, 2012
	GBSP62	Concrete Deck Beams	June 13, 2008	Oct 9, 2009
	GBSP64	Segmental Concrete Block Wall	Jan 7, 1999	Oct 30, 2012
	GBSP65	Precast Modular Retaining Wall	Mar 19, 2001	Jan 3, 2014
	GBSP67	Structural Assessment Reports for Contractor's Means and Methods	Mar 6, 2009	
	GBSP70	Braced Excavation	Aug 9, 1995	May 18, 2011
	GBSP71	Aggregate Column Ground Improvement	Jan 15, 2009	Oct 15, 2011

	GBSP 72	Bridge Deck Fly Ash or GGBF Slag Concrete Overlay	Jan 18, 2011	Oct 15, 2011
	GBSP 73	Cofferdams	Oct 15, 2011	
✓	GBSP 74	Permanent Steel Sheet Piling (LRFD)	Jan 31, 2012	Aug 17, 2012
	GBSP 75	Bond Breaker for Prestressed Concrete Bulb-T Beams	April 19, 2012	
✓	GBSP 76	Granular Backfill for Structures	April 19, 2012	Oct 30, 2012
	GBSP 77	Weep Hole Drains for Abutments, Wingwalls, Retaining Walls and Culverts	April 19, 2012	Oct 22, 2013
	GBSP 78	Bridge Deck Construction	Oct 22, 2013	April 18, 2014

LIST ADDITIONAL SPECIAL PROVISIONS BELOW

The following Guide Bridge Special Provisions have been incorporated into the 2012 Standard Specifications:

File Name	Title	Std Spec Location
GBSP22	Cleaning and Painting New Metal Structures	506
GBSP36	Surface Preparation and Painting Req. for Weathering Steel	506
GBSP50	Removal of Existing Non-composite Bridge Decks	501
GBSP58	Mechanical Splicers	508
GBSP63	Demolition Plans for Removal of Existing Structures	501
GBSP68	Piling	512
GBSP69	Freeze-Thaw Aggregates for Concrete Superstructures Poured on Grade	1004

The following Guide Bridge Special Provisions have been discontinued or have been superseded:

File Name	Title	Disposition:
GBSP37	Underwater Structure Excavation Protection	Replaced by GBSP73
GBSP11	Permanent Steel Sheet Piling	Replaced by GBSP74
GBSP47	High Performance Concrete Structures	Discontinued
GBSP 52	Porous Granular Embankment (Special)	Replaced by GBSP76
GBSP66	Wave equation Analysis of Piles	Discontinued

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
BIDDING REQUIREMENTS AND CONDITIONS FOR CONTRACT PROPOSALS

Effective: January 1, 2001
Revised: January 1, 2014

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

Replace Article 102.01 of the Standard Specifications with the following:

“Prequalification of Bidders. When prequalification is required and the Awarding Authority for contract construction work is the County Board of a County, the Council, the City Council, or the President and Board of Trustees of a city, village, or town, each prospective bidder, in evidence of competence, shall furnish the Awarding Authority as a prerequisite to the release of proposal forms by the Awarding Authority, a certified or photostatic copy of a "Certificate of Eligibility" issued by the Department of Transportation, according to the Department's "Prequalification Manual".

The two low bidders must file, within 24 hours after the letting, a sworn affidavit in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work, using the blank form made available for this affidavit. One copy shall be filed with the Awarding Authority and two copies with IDOT's District office.

Issuance of Proposal Forms. The Awarding Authority reserves the right to refuse to issue a proposal form for bidding purposes for any of the following reasons:

- (a) Lack of competency and adequate machinery, plant, and other equipment, as revealed by the financial statement and experience questionnaires required in the prequalification procedures.
- (b) Uncompleted work which, in the judgment of the Awarding Authority, might hinder or prevent the prompt completion of additional work awarded.
- (c) False information provided on a bidder's "Affidavit of Availability".
- (d) Failure to pay, or satisfactorily settle, all bills due for labor and material on former contracts in force at the time of issuance of proposal forms.
- (e) Failure to comply with any prequalification regulations of the Department.
- (f) Default under previous contracts.
- (g) Unsatisfactory performance record as shown by past work for the Awarding Authority, judged from the standpoint of workmanship and progress.
- (h) When the Contractor is suspended from eligibility to bid at a public letting where the contract is awarded by, or requires approval of, the Department.
- (i) When any agent, servant, or employee of the prospective bidder currently serves as a member, employee, or agent of a governmental body that is financially involved in the proposal work.

- (j) When any agent, servant, or employee of the perspective bidder has participated in the preparation of plans or specifications for the proposed work.

Interpretation of Quantities in the Bid Schedule. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased, or omitted as hereinafter provided.

Examination of Plans, Specifications, Special Provisions, and Site of Work. The bidder shall, before submitting a bid, carefully examine the provisions of the contract. The bidder shall inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and fully acquaint themselves with the detailed requirements of construction. Submission of a bid shall be a conclusive assurance and warranty the bidder has made these examinations and the bidder understands all requirements for the performance of the work. If his/her bid is accepted, the bidder shall be responsible for all errors in the proposal resulting from his/her failure or neglect to comply with these instructions. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the bidder to make these examinations.

The bidder shall take no advantage of any error or omission in the proposal and advertised contract. Any prospective bidder, who desires an explanation or interpretation of the plans, specification, or any of the contract documents, shall request such in writing from the Awarding Authority, in sufficient time to allow a written reply by the Awarding Authority that can reach all prospective bidders before the submission of their bids. Any reply given a prospective bidder concerning any of the contract documents, plans, and specifications will be furnished to all prospective bidders in the form determined by the Awarding Authority including, but not limited to, an addendum, if the information is deemed by the Awarding Authority to be necessary in submitting bids or if the Awarding Authority concludes the information would aid competition. Oral explanations, interpretations, or instructions given before the submission of bids unless at a prebid conference will not be binding on the Awarding Authority.

Preparation of the Proposal. Bidders shall submit their proposals on the form furnished by the Awarding Authority. The proposal shall be executed properly, and bids shall be made for all items indicated in the proposal form, except when alternate bids are asked, a bid on more than one alternate for each item is not required, unless otherwise provided. The bidder shall indicate in figures, a unit price for each of the separate items called for in the proposal form; the bidder shall show the products of the respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the proposal form shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder which shall be written in ink.

If the proposal is made by an individual, that individual's name and business address shall be shown. If made by a firm or partnership, the name and business address of each member of the firm or partnership shall be shown. If made by a corporation, the proposal shall show the names, titles, and business addresses of the president, corporate secretary and treasurer. The proposal shall be signed by president or someone with authority to execute contracts and attested by the corporate secretary or someone with authority to execute or attest to the execution of contracts.

When prequalification is required, the proposal form shall be submitted by an authorized bidder in the same name and style as shown on the "Contractor's Statement of Experience and Financial Condition" used for prequalification.

Rejection of Proposals. The Awarding Authority reserves the right to reject any proposal for any of the conditions in "Issuance of Proposal Forms" or for any of the following reasons:

- (a) More than one proposal for the same work from an individual, firm, partnership, or corporation under the same name or different names.
- (b) Evidence of collusion among bidders.
- (c) Unbalanced proposals in which the bid prices for some items are, in the judgment of the Awarding Authority, out of proportion to the bid prices for other items.
- (d) If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items or lump sum pay items.
- (e) If the proposal form is other than that furnished by the Awarding Authority; or if the form is altered or any part thereof is detached.
- (f) If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- (g) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- (h) If the proposal is not accompanied by the proper proposal guaranty.
- (i) If the proposal is prepared with other than ink or typewriter, or otherwise fails to meet the requirements of the above "Preparation of Proposal" section.

Proposal Guaranty. Each proposal shall be accompanied by a bid bond on the Department form contained in the proposal, executed by a corporate surety company satisfactory to the Awarding Authority, by a bank cashier's check or a properly certified check for not less than five percent of the amount bid, or for the amount specified in the following schedule:

	<u>Amount Bid</u>	<u>Proposal Guaranty</u>
Up to	\$5,000	\$150
>\$5,000	\$10,000	\$300
>\$10,000	\$50,000	\$1,000
>\$50,000	\$100,000	\$3,000
>\$100,000	\$150,000	\$5,000
>\$150,000	\$250,000	\$7,500
>\$250,000	\$500,000	\$12,500
>\$500,000	\$1,000,000	\$25,000
>\$1,000,000	\$1,500,000	\$50,000
>\$1,500,000	\$2,000,000	\$75,000
>\$2,000,000	\$3,000,000	\$100,000
>\$3,000,000	\$5,000,000	\$150,000
>\$5,000,000	\$7,500,000	\$250,000
>\$7,500,000	\$10,000,000	\$400,000
>\$10,000,000	\$15,000,000	\$500,000
>\$15,000,000	\$20,000,000	\$600,000
>\$20,000,000	\$25,000,000	\$700,000
>\$25,000,000	\$30,000,000	\$800,000
>\$30,000,000	\$35,000,000	\$900,000
Over	\$35,000,000	\$1,000,000

In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must equal to the sum of the proposal guaranties which would be required for each individual proposal.

Bank cashier's checks or properly certified checks accompanying proposals shall be made payable to the County Treasurer, when a County is the Awarding Authority; or the City, Village, or Town Treasurer, when a city, village, or town is the Awarding Authority.

The proposal guaranty checks of all, except the two lowest responsible, will be returned promptly after the proposals have been checked, tabulated, and the relation of the proposals established. Proposal guaranty checks of the two lowest bidders will be returned as soon as the contract and contract bond of the successful bidder have been properly executed and approved. Bid bonds will not be returned.

After a period of three working days has elapsed after the date of opening proposals, the Awarding Authority may permit the two lowest bidders to substitute for the bank cashier's checks or certified checks submitted with their proposals as proposal guaranties, bid bonds on the Department forms executed by corporate surety companies satisfactory to the Awarding Authority.

Delivery of Proposals. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Authority and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

Withdrawal of Proposals. Permission will be given a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Public Opening of Proposals. Proposals will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

Consideration of Proposals. After the proposals are opened and read, they will be compared on the basis of the summation of the products of the quantities shown in the bid schedule by the unit bid prices. In awarding contracts, the Awarding Authority will, in addition to considering the amounts stated in the proposals, take into consideration the responsibility of the various bidders as determined from a study of the data required under "Prequalification of Bidders", and from other investigations which it may elect to make.

The right is reserved to reject any or all proposals, to waive technicalities, or to advertise for new proposals, if in the judgment of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

Award of Contract. The award of contract will be made within 45 calendar days after the opening of proposals to the lowest responsible and qualified bidder whose proposal complies with all the requirements prescribed. The successful bidder will be notified by letter of intent that his/her bid has been accepted, and subject to the following conditions, the bidder will be the Contractor.

An approved contract executed by the Awarding Authority is required before the Awarding Authority is bound. An award may be cancelled any time by the Awarding Authority prior to execution in order to protect the public interest and integrity of the bidding process or for any other reason if, in the judgment of the Awarding Authority, the best interests of the Awarding Authority will be promoted thereby.

If a contract is not awarded within 45 days after the opening of proposals, bidders may file a written request with the Awarding Authority for the withdrawal of their bid, and the Awarding Authority will permit such withdrawal.

Requirement of Contract Bond. If the Awarding Authority requires a Contract Bond, the Contractor or Supplier shall furnish the Awarding Authority a performance and payment bond with good and sufficient sureties in the full amount of the award as the penal sum. The surety shall be acceptable to the Awarding Authority, shall waive notice of any changes and extensions of time, and shall submit its bond on the form furnished by the Awarding Authority.

Execution of Contract. The contract shall be executed by the successful bidder and returned, together with the Contract Bond, within 15 days after the contract has been mailed to the bidder.

If the bidder to whom the award is made is a corporation organized under the laws of a State other than Illinois, the bidder shall furnish the Awarding Authority a copy of the corporation's Certificate of Authority to do business in the State of Illinois with the return of the executed contract and bond. Failure to furnish such evidence of a Certificate of Authority within the time required will be considered as just cause for the annulment of the award and the forfeiture of the proposal guaranty to the Awarding Authority, not as a penalty, but in payment of liquidated damages sustained as a result of such failure.

Failure to Execute Contract. If the contract is not executed by the Awarding Authority within 15 days following receipt from the bidder of the properly executed contracts and bonds, the bidder shall have the right to withdraw his/her bid without penalty.

Failure of the successful bidder to execute the contract and file acceptable bonds within 15 days after the contract has been mailed to the bidder shall be just cause for the cancellation of the award and the forfeiture of the proposal guaranty which shall become the property of the Awarding Authority, not as penalty, but in liquidation of damages sustained. Award may then be made to the next lowest responsible bidder, or the work may be readvertised and constructed under contract, or otherwise, as the Awarding Authority may decide."

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

The City of Peoria, its Council, and employees

Foth Infrastructure & Environment, LLC and its employees

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads & Streets

SPECIAL PROVISION
FOR
WAGES OF EMPLOYEES ON PUBLIC WORKS

Effective: January 1, 1999
Revised: January 1, 2014

1. **Prevailing Wages.** All wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Illinois Department of Labor publishes the prevailing wage rates on its website at www.state.il.us/agency/idol/rates/rates.htm. If the Illinois Department of Labor revises the prevailing wage rates, the revised prevailing wage rates on the Illinois Department of Labor's website shall apply to this contract and the Contractor will not be allowed additional compensation on account of said revisions. The Contractor shall review the wage rates applicable to the work of the contract at regular intervals in order to ensure the timely payment of current wage rates. The Contractor agrees that no additional notice is required. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto.
2. **Payroll Records.** The Contractor and each subcontractor shall make and keep, for a period of not less than five years from the date of the last payment on a contract or subcontract, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include information required by 820 ILCS 130/5 for each worker. Upon seven business days' notice, the Contractor and each subcontractor shall make available for inspection and copying at a location within this State during reasonable hours, the payroll records to the public body in charge of the project, its officers and agents, the Director of Labor and his deputies and agents, and to federal, State, or local law enforcement agencies and prosecutors.
3. **Submission of Payroll Records.** The Contractor and each subcontractor shall, no later than the 15th day of each calendar month, file a certified payroll for the immediately preceding month with the public body in charge of the project, except that the full social security number and home address shall not be included on weekly transmittals. Instead the payrolls shall include an identification number for each employee (e.g., the last four digits of the employee's social security number). The certified payroll shall consist of a complete copy of the payroll records except starting and ending times of work each day may be omitted

The certified payroll shall be accompanied by a statement signed by the Contractor or subcontractor or an officer, employee, or agent of the contractor or subcontractor which avers that: (i) he or she has examined the certified payroll records required to be submitted by the Act and such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required; and (iii) the Contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class A misdemeanor.
4. **Employees Interviews.** The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department or the Department of Labor.

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
EQUIPMENT RENTAL RATES

Effective: January 1, 2012

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

Replace Article 109.04(b)(4) with the following:

"(4) Equipment. For any machinery or special equipment (other than small tools) the use of which has been authorized by the Engineer, the Contractor will be paid according to the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT OWNERSHIP EXPENSE" and latest index factor as issued by the Illinois Department of Transportation. The equipment should be of a type and size reasonably required to complete the extra work."

**CONCRETE BOX CULVERTS WITH SKEWS > 30 DEGREES AND DESIGN FILLS ≤ 5 FEET
(BDE)**

Effective: April 1, 2012

Revised: April 1, 2014

Revise the second paragraph of Article 540.04 of the Standard Specifications to read:

“Unless otherwise noted on the plans, the Contractor shall have the option, when a cast-in-place concrete box culvert is specified, of constructing the box culvert using precast box culvert sections when the design cover is 6 in. (150 mm) minimum. The precast box culvert sections shall be designed for the same design cover shown on the plans for cast-in-place box culvert; shall be of equal or larger size opening, and shall satisfy the design requirements of ASTM C 1577.”

Add the following after the seventh paragraph of Article 540.06 of the Standard Specifications:

“Precast concrete box culverts with skews greater than 30 degrees and having design covers less than or equal to 5 feet are not covered by the standard design table shown in ASTM C 1577. The design table provided herein is provided to address this design range. The same notes, reinforcement configurations, clearances, and requirements of ASTM C 1577 apply to this special design table. A box designated 7 x 6 x 8 indicates a span of 7 ft, a rise of 6 ft, and top slab, bottom slab, walls and haunches of 8 in. unless otherwise noted on the tables.

3 ft by 2 ft by 4 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2*	0.168	0.900	0.295	0.096	0.269	0.168	0.853	0.144	
2<3	0.134	0.180	0.182	0.096					31
3-5	0.096	0.115	0.117	0.096					29

*top slab 7 in., bottom slab 6.0 in.

3 ft by 3 ft by 4 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2*	0.168	0.956	0.326	0.096	0.290	0.168	0.849	0.144	
2<3	0.101	0.214	0.218	0.096					31
3-5	0.096	0.136	0.140	0.096					31

*top slab 7.0 in., bottom slab 6.0 in.

4 ft by 2 ft by 5 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2*	0.204	0.790	0.262	0.120	0.268	0.180	0.846	0.144	
2<3	0.201	0.203	0.196	0.120					32
3-5	0.129	0.134	0.136	0.120					32

*top slab 7.5 in., bottom slab 6.0 in.

4 ft by 3 ft by 5 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2*	0.180	0.876	0.303	0.120	0.305	0.180	0.831	0.144	
2<3	0.160	0.245	0.238	0.120					38
3-5	0.120	0.161	0.165	0.120					35

*top slab 7.5 in., bottom slab 6.0 in.

4 ft by 4 ft by 5 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2*	0.180	0.927	0.334	0.120	0.327	0.180	0.822	0.144	
2<3	0.130	0.277	0.270	0.120					38
3-5	0.120	0.181	0.188	0.120					38

*top slab 7.5 in., bottom slab 6.0 in.

5 ft by 3 ft by 6 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2*	0.197	0.682	0.269	0.144	0.280	0.192	0.705	0.168	
2<3	0.206	0.259	0.246	0.144					37
3-5	0.144	0.180	0.179	0.144					35

*top slab 8.0 in., bottom slab 7.0 in.

7 ft by 4 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.339	0.599	0.372	0.192	0.271	0.192	0.697	0.192	
2<3	0.287	0.335	0.342	0.192					44
3-5	0.206	0.241	0.248	0.192					42

7 ft by 5 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.317	0.637	0.417	0.192	0.293	0.192	0.684	0.192	
2<3	0.256	0.370	0.381	0.192					49
3-5	0.192	0.266	0.276	0.192					46

7 ft by 6 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.296	0.672	0.458	0.192	0.312	0.192	0.658	0.192	
2<3	0.230	0.401	0.416	0.192					59
3-5	0.192	0.288	0.302	0.192					55

7 ft by 7 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.276	0.703	0.496	0.192	0.330	0.192	0.653	0.192	
2<3	0.210	0.428	0.447	0.192					59
3-5	0.192	0.307	0.326	0.192					59

8 ft by 4 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.397	0.510	0.400	0.192	0.283	0.192	0.568	0.192	
2<3	0.399	0.415	0.423	0.192					45
3-5	0.285	0.298	0.306	0.192					45

8 ft by 5 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.368	0.555	0.446	0.192	0.305	0.192	0.559	0.192	
2<3	0.360	0.458	0.470	0.192					48
3-5	0.259	0.328	0.340	0.192					45

8 ft by 6 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.342	0.596	0.488	0.192	0.325	0.192	0.556	0.192	
2<3	0.328	0.496	0.512	0.192					56
3-5	0.237	0.355	0.371	0.192					50

8 ft by 7 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.319	0.633	0.527	0.192	0.343	0.192	0.555	0.192	
2<3	0.301	0.529	0.551	0.192					65
3-5	0.219	0.379	0.399	0.192					61

8 ft by 8 ft by 8 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.297	0.668	0.565	0.192	0.360	0.192	0.531	0.192	
2<3	0.280	0.560	0.587	0.192					65
3-5	0.204	0.400	0.427	0.192					65

9 ft by 5 ft by 9 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in. / ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.361	0.411	0.416	0.216	0.275	0.216	0.465	0.216	
2<3	0.425	0.484	0.496	0.216					49
3-5	0.306	0.348	0.360	0.216					49

9 ft by 6 ft by 9 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in. / ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.335	0.439	0.455	0.216	0.294	0.216	0.467	0.216	
2<3	0.390	0.524	0.541	0.216					55
3-5	0.282	0.376	0.393	0.216					52

9 ft by 7 ft by 9 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in. / ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.313	0.464	0.491	0.216	0.311	0.216	0.453	0.216	
2<3	0.360	0.561	0.583	0.216					64
3-5	0.262	0.402	0.423	0.216					58

9 ft by 8 ft by 9 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.286	0.488	0.514	0.216	0.327	0.216	0.454	0.216	
2<3	0.336	0.594	0.621	0.216					72
3-5	0.244	0.426	0.453	0.216					73

9 ft by 9 ft by 9 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.274	0.511	0.557	0.216	0.342	0.216	0.452	0.216	
2<3	0.316	0.625	0.659	0.216					72
3-5	0.231	0.448	0.481	0.216					72

10 ft by 5 ft by 10 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.370	0.393	0.392	0.240	0.263	0.240	0.240	0.240	
2<3	0.492	0.509	0.522	0.240					52
3-5	0.354	0.366	0.379	0.240					52

10 ft by 6 ft by 10 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.348	0.420	0.432	0.240	0.282	0.240	0.418	0.240	
2<3	0.455	0.552	0.570	0.240					56
3-5	0.329	0.397	0.414	0.240					52

10 ft by 7 ft by 10 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.321	0.445	0.463	0.240	0.298	0.240	0.240	0.240	
2<3	0.423	0.591	0.614	0.240					59
3-5	0.307	0.425	0.447	0.240					56

10 ft by 8 ft by 10 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in. / ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.301	0.469	0.496	0.240	0.314	0.240	0.240	0.240	
2<3	0.394	0.627	0.655	0.240					72
3-5	0.288	0.451	0.478	0.240					66

10 ft by 9 ft by 10 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.284	0.492	0.527	0.240	0.329	0.240	0.240	0.240	
2<3	0.371	0.660	0.694	0.240					79
3-5	0.272	0.475	0.508	0.240					85

10 ft by 10 ft by 10 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.272	0.514	0.559	0.240	0.344	0.240	0.240	0.240	
2<3	0.353	0.691	0.732	0.240					79
3-5	0.259	0.497	0.537	0.240					79

11 ft by 4 ft by 11 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.414	0.341	0.333	0.264	0.264	0.264	0.264	0.264	
2<3	0.609	0.481	0.491	0.264					60
3-5	0.436	0.348	0.357	0.264					56

11 ft by 6 ft by 11 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.356	0.399	0.407	0.264	0.265	0.264	0.264	0.264	
2<3	0.521	0.580	0.597	0.264					56
3-5	0.377	0.418	0.435	0.264					56

11 ft by 8 ft by 11 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.314	0.449	0.471	0.264	0.298	0.264	0.264	0.264	
2<3	0.457	0.659	0.687	0.264					67
3-5	0.333	0.475	0.502	0.264					63

11 ft by 10 ft by 11 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.285	0.494	0.532	0.264	0.328	0.264	0.264	0.264	
2<3	0.409	0.727	0.769	0.264					86
3-5	0.300	0.524	0.565	0.264					86

11 ft by 11 ft by 11 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.276	0.516	0.562	0.264	0.342	0.264	0.264	0.264	
2<3	0.391	0.758	0.808	0.264					86
3-5	0.289	0.548	0.596	0.264					86

12 ft by 4 ft by 12 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.426	0.329	0.316	0.288	0.288	0.288	0.321	0.288	
2<3	0.682	0.503	0.512	0.288					64
3-5	0.489	0.364	0.373	0.288					60

12 ft by 6 ft by 12 in.

Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.367	0.385	0.387	0.288	0.288	0.288	0.320	0.288	
2<3	0.590	0.606	0.624	0.288					60
3-5	0.427	0.438	0.456	0.288					56

12 ft by 8 ft by 12 in.									
Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.326	0.435	0.449	0.288	0.288	0.288	0.288	0.288	
2<3	0.521	0.690	0.719	0.288					67
3-5	0.381	0.499	0.527	0.288					64

12 ft by 10 ft by 12 in.									
Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.298	0.481	0.507	0.288	0.305	0.288	0.288	0.288	
2<3	0.467	0.762	0.804	0.288					93
3-5	0.344	0.551	0.592	0.288					79

12 ft by 12 ft by 12 in.									
Design Earth Cover, ft.	Circumferential Reinforcement Areas, sq in./ ft.								"M", in.
	As1	As2	As3	As4	As5	As6	As7	As8	
0<2	0.288	0.525	0.566	0.288	0.333	0.288	0.288	0.288	
2<3	0.431	0.827	0.886	0.288					93
3-5	0.320	0.599	0.656	0.288					93"

80293

CONCRETE GUTTER, CURB, MEDIAN, AND PAVED DITCH (BDE)

Effective: April 1, 2014

Revised: August 1, 2014

Add the following to Article 606.02 of the Standard Specifications:

“(i) Polyurethane Joint Sealant 1050.04”

Revise the fifth paragraph of Article 606.07 of the Standard Specifications to read:

“Transverse contraction and longitudinal construction joints shall be sealed according to Article 420.12, except transverse joints in concrete curb and gutter shall be sealed with polysulfide or polyurethane joint sealant.”

Add the following to Section 1050 of the Standard Specifications:

“**1050.04 Polyurethane Joint Sealant.** The joint sealant shall be a polyurethane sealant, Type S, Grade NS, Class 25 or better, Use T (T₁ or T₂), according to ASTM C 920.”

80334

FRICITION AGGREGATE (BDE)

Effective: January 1, 2011

Revise Article 1004.01(a)(4) of the Standard Specifications to read:

- “(4) Crushed Stone. Crushed stone shall be the angular fragments resulting from crushing undisturbed, consolidated deposits of rock by mechanical means. Crushed stone shall be divided into the following, when specified.
- a. Carbonate Crushed Stone. Carbonate crushed stone shall be either dolomite or limestone. Dolomite shall contain 11.0 percent or more magnesium oxide (MgO). Limestone shall contain less than 11.0 percent magnesium oxide (MgO).
 - b. Crystalline Crushed Stone. Crystalline crushed stone shall be either metamorphic or igneous stone, including but is not limited to, quartzite, granite, rhyolite and diabase.”

Revise Article 1004.03(a) of the Standard Specifications to read:

“1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination:</u> Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA All Other	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination:</u> Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete

Use	Mixture	Aggregates Allowed	
HMA High ESAL Low ESAL	Binder IL-25.0, IL-19.0, or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}	
HMA High ESAL Low ESAL	C Surface and Leveling Binder IL-12.5,IL-9.5, or IL-9.5L SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}	
HMA High ESAL	D Surface and Leveling Binder IL-12.5 or IL-9.5 SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination:</u> Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{5/} Crushed Steel Slag ^{4/ 5/} Crushed Concrete ^{3/}	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
75% Limestone	Crushed Slag (ACBF) ^{5/} or Crushed Sandstone		

Use	Mixture	Aggregates Allowed	
HMA High ESAL	E Surface IL-12.5 or IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination:</u> Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{5/} Crushed Steel Slag ^{5/} Crushed Concrete ^{3/} No Limestone.	
		<u>Other Combinations Allowed:</u> <i>Up to...</i>	
		50% Dolomite ^{2/}	<i>With...</i> Any Mixture E aggregate
		75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF) ^{5/} , Crushed Steel Slag ^{5/} , or Crystalline Crushed Stone
		75% Crushed Gravel or Crushed Concrete ^{3/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF) ^{5/} , or Crushed Steel Slag ^{5/}
HMA High ESAL	F Surface IL-12.5 or IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination:</u> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) ^{5/} Crushed Steel Slag ^{5/} No Limestone.	
		<u>Other Combinations Allowed:</u> <i>Up to...</i>	

Use	Mixture	Aggregates Allowed	
		50% Crushed Gravel, Crushed Concrete ^{3/} , or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF) ^{5/} , Crushed Steel Slag ^{5/} , or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as leveling binder.
- 5/ When either slag is used, the blend percentages listed shall be by volume."

80265

GRANULAR MATERIALS (BDE)

Effective: November 1, 2012

Revise the title of Article 1003.04 of the Standard Specifications to read:

“1003.04 Fine Aggregate for Bedding, Trench Backfill, Embankment, Porous Granular Backfill, Sand Backfill for Underdrains, and French Drains.”

Revise Article 1003.04(c) of the Standard Specifications to read:

“(c) Gradation. The fine aggregate gradations for granular embankment, granular backfill, bedding, and trench backfill for pipe culverts and storm sewers shall be FA 1, FA 2, or FA 6 through FA 21.

The fine aggregate gradation for porous granular embankment, porous granular backfill, french drains, and sand backfill for underdrains shall be FA 1, FA 2, or FA 20, except the percent passing the No. 200 (75 µm) sieve shall be 2±2.”

Revise Article 1004.05(c) of the Standard Specifications to read:

“(c) Gradation. The coarse aggregate gradations shall be as follows.

Application	Gradation
Blotter	CA 15
Granular Embankment, Granular Backfill, Bedding, and Trench Backfill for Pipe Culverts and Storm Sewers	CA 6, CA 9, CA 10, CA 12, CA17, CA18, and CA 19
Porous Granular Embankment, Porous Granular Backfill, and French Drains	CA 7, CA 8, CA 11, CA 15, CA 16 and CA 18”

HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE)

Effective: January 1, 2010

Revised: April 1, 2012

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

“Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge. (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

- a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.
- b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced ten feet apart longitudinally along the unconfined pavement edge and centered at the random density test location.”

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

“Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	Ndesign = 50	93.0 – 97.4%	91.0%
IL-9.5, IL-12.5	Ndesign ≥ 90	92.0 – 96.0%	90.0%
IL-9.5,IL-9.5L, IL-12.5	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0, IL-25.0	Ndesign ≥ 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0 – 97.4%	90.0%

SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%
All Other	Ndesign = 30	93.0 - 97.4%	90.0%”

80246

HOT-MIX ASPHALT – MIXTURE DESIGN COMPOSITION AND VOLUMETRIC REQUIREMENTS (BDE)

Effective: November 1, 2013

Revise Article 406.14(b) of the Standard Specifications to read.

“(b) If the HMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was not produced within 2.0 to 6.0 percent air voids or within the individual control limits of the JMF, the mixture and test strip will not be paid for and the mixture shall be removed at the Contractor’s expense. An additional test strip and mixture will be paid for in full, if produced within 2.0 to 6.0 percent air voids and within the individual control limits of the JMF.”

Revise Article 406.14(c) of the Standard Specifications to read.

“(c) If the HMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was produced within 2.0 to 6.0 percent air voids and within the individual control limits of the JMF, the mixture shall be removed. Removal will be paid in accordance to Article 109.04. This initial mixture and test strip will be paid for at the contract unit prices. The additional mixture will be paid for at the contract unit price, and any additional test strips will be paid for at one half the unit price of each test strip.”

Revise Article 1030.04(a)(1) of the Standard Specifications to read.

“(1) High ESAL Mixtures. The Job Mix Formula (JMF) shall fall within the following limits.

High ESAL, MIXTURE COMPOSITION (% PASSING) ^{1/}										
Sieve Size	IL-25.0 mm		IL-19.0 mm		IL-12.5 mm		IL-9.5 mm		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)		100								
1 in. (25 mm)	90	100		100						
3/4 in. (19 mm)		90	82	100		100				
1/2 in. (12.5 mm)	45	75	50	85	90	100		100		100
3/8 in. (9.5 mm)						89	90	100		100
#4 (4.75 mm)	24	42 ^{2/}	24	50 ^{2/}	28	65	32	69	90	100
#8 (2.36 mm)	16	31	20	36	28	48 ^{3/}	32	52 ^{3/}	70	90
#16 (1.18 mm)	10	22	10	25	10	32	10	32	50	65
#50 (300 μm)	4	12	4	12	4	15	4	15	15	30
#100 (150 μm)	3	9	3	9	3	10	3	10	10	18
#200 (75 μm)	3	6	3	6	4	6	4	6	7	9

Ratio Dust/Asphalt Binder		1.0		1.0		1.0		1.0		1.0 ^{1/4}
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- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 40 percent passing the #4 (4.75 mm) sieve for binder courses with Ndesign ≥ 90.
- 3/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign ≥ 90.
- 4/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer."

Delete Article 1030.04(a)(4) of the Standard Specifications.

Revise Article 1030.04(b)(1) of the Standard Specifications to read.

"(1) High ESAL Mixtures. The target value for the air voids of the HMA shall be 4.0 percent at the design number of gyrations. The VMA and VFA of the HMA design shall be based on the nominal maximum size of the aggregate in the mix, and shall conform to the following requirements.

VOLUMETRIC REQUIREMENTS High ESAL						
Ndesign	Voids in the Mineral Aggregate (VMA), % minimum					Voids Filled with Asphalt Binder (VFA), %
	IL-25.0	IL-19.0	IL-12.5	IL-9.5	IL-4.75 ^{1/}	
50	12.0	13.0	14.0	15.0	18.5	65 - 78 ^{2/}
70						
90						
105						

- 1/ Maximum Draindown for IL-4.75 shall be 0.3 percent
- 2/ VFA for IL-4.75 shall be 76-83 percent"

Delete Article 1030.04(b)(4) of the Standard Specifications.

Revise the Control Limits Table in Article 1030.05(d)(4) of the Standard Specifications to read.

"CONTROL LIMITS

Parameter	High ESAL Low ESAL	High ESAL Low ESAL	All Other	IL-4.75	IL-4.75
	Individual Test	Moving Avg. of 4	Individual Test	Individual Test	Moving Avg. of 4
% Passing: ^{1/}					
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 15 %		
No. 4 (4.75 mm)	± 5 %	± 4 %	± 10 %		
No. 8 (2.36 mm)	± 5 %	± 3 %			
No. 16 (1.18 mm)				± 4 %	± 3 %
No. 30 (600 μm)	± 4 %	± 2.5 %			
Total Dust Content No. 200 (75 μm)	± 1.5 %	± 1.0 %	± 2.5 %	± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.5 %	± 0.3 %	± 0.2 %
Voids	± 1.2 %	± 1.0 %	± 1.2 %	± 1.2 %	± 1.0 %
VMA	-0.7 % ^{2/}	-0.5 % ^{2/}		-0.7 % ^{2/}	-0.5 % ^{2/}

1/ Based on washed ignition oven

2/ Allowable limit below minimum design VMA requirement"

80322

HOT-MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (BDE)

Effective: November 1, 2013

Description. This special provision provides the requirements for Hamburg Wheel and tensile strength testing for High ESAL, IL-4.75, and Stone Matrix Asphalt (SMA) hot-mix asphalt (HMA) mixes during mix design verification and production. This special provision also provides the plant requirements for hydrated lime addition systems used in the production of High ESAL, IL-4.75, and SMA mixes.

Mix Design Testing. Add the following to Article 1030.04 of the Standard Specifications:

“(d) Verification Testing. High ESAL, IL-4.75, and SMA mix designs submitted for verification will be tested to ensure that the resulting mix designs will pass the required criteria for the Hamburg Wheel Test (Illinois Modified AASHTO T 324) and the Tensile Strength Test (Illinois Modified AASHTO T 283). The Department will perform a verification test on gyratory specimens compacted by the Contractor. If the mix fails the Department’s verification test, the Contractor shall make necessary changes to the mix and provide passing Hamburg Wheel and tensile strength test results from a private lab. The Department will verify the passing results.

All new and renewal mix designs shall meet the following requirements for verification testing.

(1) Hamburg Wheel Test Criteria. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

Illinois Modified AASHTO T 324 Requirements ^{1/}

PG Grade	Number of Passes
PG 58-xx (or lower)	5,000
PG 64-xx	7,500
PG 70-xx	15,000
PG 76-xx (or higher)	20,000

1/ When produced at temperatures of 275 ± 5 °F (135 ± 3 °C) or less, loose Warm Mix Asphalt shall be oven aged at 270 ± 5 °F (132 ± 3 °C) for two hours prior to gyratory compaction of Hamburg Wheel specimens.

(2) Tensile Strength Criteria. The minimum allowable conditioned tensile strength shall be 415 kPa (60 psi) for non-polymer modified performance graded (PG) asphalt binder and 550 kPa (80 psi) for polymer modified PG asphalt binder. The maximum allowable unconditioned tensile strength shall be 1380 kPa (200 psi).”

Production Testing. Revise Article 1030.06(a) of the Standard Specifications to read:

- “(a) High ESAL, IL-4.75 and SMA Mixtures. For each contract, a 300 ton (275 metric tons) test strip will be required at the beginning of HMA production for each mixture with a quantity of 3000 tons (2750 metric tons) or more according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”.

Before start-up, target values shall be determined by applying gradation correction factors to the JMF when applicable. These correction factors shall be determined from previous experience. The target values, when approved by the Engineer, shall be used to control HMA production. Plant settings and control charts shall be set according to target values.

Before constructing the test strip, target values shall be determined by applying gradation correction factors to the JMF when applicable. After any JMF adjustment, the JMF shall become the Adjusted Job Mix Formula (AJMF). Upon completion of the first acceptable test strip, the JMF shall become the AJMF regardless of whether or not the JMF has been adjusted. If an adjustment/plant change is made, the Engineer may require a new test strip to be constructed. If the HMA placed during the initial test strip is determined to be unacceptable to remain in place by the Engineer, it shall be removed and replaced.

The limitations between the JMF and AJMF are as follows.

Parameter	Adjustment
1/2 in. (12.5 mm)	± 5.0 %
No. 4 (4.75 mm)	± 4.0 %
No. 8 (2.36 mm)	± 3.0 %
No. 30 (600 μm)	*
No. 200 (75 μm)	*
Asphalt Binder Content	± 0.3 %

* In no case shall the target for the amount passing be greater than the JMF.

Any adjustments outside the above limitations will require a new mix design.

Mixture sampled to represent the test strip shall include additional material sufficient for the Department to conduct Hamburg Wheel testing according to Illinois Modified AASHTO T324 (approximately 60 lb (27 kg) total).

The Contractor shall immediately cease production upon notification by the Engineer of failing Hamburg Wheel test. All prior produced material may be paved out provided all other mixture criteria is being met. No additional mixture shall be produced until the Engineer receives passing Hamburg Wheel tests.

The Department may conduct additional Hamburg Wheel tests on production material as determined by the Engineer.”

Revise the title of Article 1030.06(b) of the Standard Specifications to read:

“(b) Low ESAL and All Other Mixtures.”

System for Hydrated Lime Addition. Revise the fourth sentence of the third paragraph of Article 1030.04(c) of the Standard Specifications to read:

“The method of application shall be according to Article 1102.01(a)(10).”

Replace the first three sentences of the second paragraph of Article 1102.01(a)(10) of the Standard Specifications to read:

“When hydrated lime is used as the anti-strip additive, a separate bin or tank and feeder system shall be provided to store and accurately proportion the lime onto the aggregate either as a slurry, as dry lime applied to damp aggregates, or as dry lime injected onto the hot aggregates prior to adding the liquid asphalt cement. If the hydrated lime is added either as a slurry or as dry lime on damp aggregates, the lime and aggregates shall be mixed by a power driven pugmill to provide a uniform coating of the lime prior to entering the dryer. If dry hydrated lime is added to the hot dry aggregates in a dryer-drum plant, the lime shall be added in such a manner that the lime will not become entrained into the air stream of the dryer-drum and that thorough dry mixing shall occur prior to the injection point of the liquid asphalt. When a batch plant is used, the hydrated lime shall be added to the mixture in the weigh hopper or as approved by the Engineer.”

Basis of Payment. Replace the seventh paragraph of Article 406.14 of the Standard Specifications with the following:

“For mixes designed and verified under the Hamburg Wheel criteria, the cost of furnishing and introducing anti-stripping additives in the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

If an anti-stripping additive is required for any other HMA mix, the cost of the additive will be paid for according to Article 109.04. The cost incurred in introducing the additive into the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

No additional compensation will be awarded to the Contractor because of reduced production rates associated with the addition of the anti-stripping additive.”

PORTLAND CEMENT CONCRETE EQUIPMENT (BDE)

Effective: November 1, 2013

Add the following to the first paragraph of Article 1103.03(a)(5) of the Standard Specifications to read:

“As an alternative to a locking key, the start and finish time for mixing may be automatically printed on the batch ticket. The start and finish time shall be reported to the nearest second.”

80326

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012

Revise: April 1, 2014

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.
- (b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Bureau of Materials and Physical Research Policy Memorandum "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Bureau of Materials and Physical Research approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.
 - (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
 - (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

- (a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the District provide documentation on the quality of the RAP to clarify the appropriate stockpile.

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP shall pass the sieve size specified below for the mix into which the FRAP will be incorporated.

Mixture FRAP will be used in:	Sieve Size that 100% of FRAP Shall Pass
IL-25.0	2 in. (50 mm)
IL-19.0	1 1/2 in. (40 mm)
IL-12.5	1 in. (25 mm)
IL-9.5	3/4 in. (20 mm)
IL-4.75	1/2 in. (13 mm)

- (2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogenous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.
- (4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, HMA (High or Low ESAL), or "All Other" (as defined by Article 1030.04(a)(3)) mixtures. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

- (a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Each sample shall be split to obtain two equal samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

- (b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to Illinois Department of Transportation Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 250 tons (225 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS or RAS blended with manufactured sand shall be stockpiled in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

If the sampling and testing was performed at the shingle processing facility in accordance with the QC Plan, the Contractor shall obtain and make available all of the test results from start of the initial stockpile.

1031.04 Evaluation of Tests. Evaluation of tests results shall be according to the following.

- (a) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable G_{mm} . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous /Conglomerate	Conglomerate "D" Quality
1 in. (25 mm)		$\pm 5 \%$
1/2 in. (12.5 mm)	$\pm 8 \%$	$\pm 15 \%$
No. 4 (4.75 mm)	$\pm 6 \%$	$\pm 13 \%$
No. 8 (2.36 mm)	$\pm 5 \%$	
No. 16 (1.18 mm)		$\pm 15 \%$
No. 30 (600 μm)	$\pm 5 \%$	
No. 200 (75 μm)	$\pm 2.0 \%$	$\pm 4.0 \%$
Asphalt Binder	$\pm 0.4 \%$ ^{1/}	$\pm 0.5 \%$
G_{mm}	± 0.03	

1/ The tolerance for FRAP shall be $\pm 0.3 \%$.

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the

RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the Illinois Test Procedure, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

- (b) Evaluation of RAS and RAS Blended with Manufactured Sand Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder Content	± 1.5 %

If more than 20 percent of the individual sieves and/or asphalt binder content tests are out of the above tolerances, or if the percent unacceptable material exceeds 0.5 percent by weight of material retained on the # 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the District for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

- (a) RAP. The aggregate quality of the RAP for homogenous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.
- (1) RAP from Class I, Superpave/HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
 - (2) RAP from Superpave/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.
 - (3) RAP from Class I, Superpave/HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.
 - (4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.
- (b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the BMPR Aggregate Lab for MicroDeval Testing, according to Illinois Modified AASHTO T 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be a Contractor's option when constructing HMA in all contracts.

(a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

- (1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) Surface and Binder Mixture applications.
- (3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. RAP/FRAP from Conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus #4 (4.75 mm) homogeneous RAP and FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.
- (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, conglomerate, or conglomerate DQ.
- (6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given N Design.

- (b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.
- (c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0% by weight of the total mix.
- (1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the Max RAP/RAS ABR table listed below for the given Ndesign.

RAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/, 2/}	RAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10
105	10	10	10

- 1/ For HMA "All Other" (shoulder and stabilized subbase) N-30, the RAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when RAP/RAS ABR exceeds 25 percent (i.e. 26 percent RAP/RAS ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

- (2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the FRAP/RAS table listed below for the given N design.

FRAP/RAS Maximum Asphalt Binder Replacement (ABR) Percentage

HMA Mixtures ^{1/, 2/}	FRAP/RAS Maximum ABR %		
Ndesign	Binder/Leveling Binder	Surface	Polymer Modified ^{3/, 4/}
30	50	40	10

50	40	35	10
70	40	30	10
90	40	30	10
105	40	30	10

- 1/ For HMA "All Other" (shoulder and stabilized subbase) N30, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275 °F (135 °C) the high and low virgin asphalt binder grades shall each be reduced by one grade when FRAP/RAS ABR exceeds 25 percent (i.e. 26 percent ABR would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).
- 3/ For SMA the FRAP/RAS ABR shall not exceed 20 percent.
- 4/ For IL-4.75 mix the FRAP/RAS ABR shall not exceed 30 percent.

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

- (a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP stockpiles may be used in the original mix design at the percent previously verified.
- (b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design. A RAS stone bulk specific gravity (Gsb) of 2.500 shall be used for mix design purposes.

1031.08 HMA Production. HMA production utilizing RAP/FRAP and/or RAS shall be as follows.

- (a) RAP/FRAP. The coarse aggregate in all RAP/FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

(b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

(c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- g. Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(2) Batch Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.

- c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- d. Mineral filler weight to the nearest pound (kilogram).
- e. RAP/FRAP/RAS weight to the nearest pound (kilogram).
- f. Virgin asphalt binder weight to the nearest pound (kilogram).
- g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Shoulders. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders Type B shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used to construct aggregate surface course and aggregate shoulders shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted."

REINFORCEMENT BARS (BDE)

Effective: November 1, 2013

Revise the first and second paragraphs of Article 508.05 of the Standard Specifications to read:

“508.05 Placing and Securing. All reinforcement bars shall be placed and tied securely at the locations and in the configuration shown on the plans prior to the placement of concrete. Manual welding of reinforcement may only be permitted on precast concrete products as indicated in the current Bureau of Materials and Physical Research Policy Memorandum “Quality Control / Quality Assurance Program for Precast Concrete Products”, and for precast prestressed concrete products as indicated in the Department’s current “Manual for Fabrication of Precast Prestressed Concrete Products”. Reinforcement bars shall not be placed by sticking or floating into place or immediately after placement of the concrete.

Bars shall be tied at all intersections, except where the center to center dimension is less than 1 ft (300 mm) in each direction, in which case alternate intersections shall be tied. Molded plastic clips may be used in lieu of wire to secure bar intersections, but shall not be permitted in horizontal bar mats subject to construction foot traffic or to secure longitudinal bar laps. Plastic clips shall adequately secure the reinforcement bars, and shall permit the concrete to flow through and fully encase the reinforcement. Plastic clips may be recycled plastic, and shall meet the approval of the Engineer. The number of ties as specified shall be doubled for lap splices at the stage construction line of concrete bridge decks when traffic is allowed on the first completed stage during the pouring of the second stage.”

Revise the fifth paragraph of Article 508.05 of the Standard Specifications to read:

“Supports for reinforcement in bridge decks shall be metal. For all other concrete construction the supports shall be metal or plastic. Metal bar supports shall be made of cold-drawn wire, or other approved material and shall be either epoxy coated, galvanized or plastic tipped. When the reinforcement bars are epoxy coated, the metal supports shall be epoxy coated. Plastic supports may be recycled plastic. Supports shall be provided in sufficient number and spaced to provide the required clearances. Supports shall adequately support the reinforcement bars, and shall permit the concrete to flow through and fully encase the reinforcement. The legs of supports shall be spaced to allow an opening that is a minimum 1.33 times the nominal maximum aggregate size used in the concrete. Nominal maximum aggregate size is defined as the largest sieve which retains any of the aggregate sample particles. All supports shall meet the approval of the Engineer.”

Revise the first sentence of the eighth paragraph of Article 508.05 of the Standard Specifications to read:

“Epoxy coated reinforcement bars shall be tied with plastic coated wire, epoxy coated wire, or molded plastic clips where allowed.”

Add the following sentence to the end of the first paragraph of Article 508.06(c) of the Standard Specifications:

"In addition, the total slip of the bars within the splice sleeve of the connector after loading in tension to 30 ksi (207 MPa) and relaxing to 3 ksi (20.7 MPa) shall not exceed 0.01 in. (254 microns)."

Revise Article 1042.03(d) of the Standard Specifications to read:

"(d) Reinforcement and Accessories: The concrete cover over all reinforcement shall be within $\pm 1/4$ in. (± 6 mm) of the specified cover.

Welded wire fabric shall be accurately bent and tied in place.

Miscellaneous accessories to be cast into the concrete or for forming holes and recesses shall be carefully located and rigidly held in place by bolts, clamps, or other effective means. If paper tubes are used for vertical dowel holes, or other vertical holes which require grouting, they shall be removed before transportation to the construction site."

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REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2012

Revised: November 2, 2012

Revise Article 669.01 of the Standard Specifications to read:

“669.01 Description. This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.”

Revise Article 669.08 of the Standard Specifications to read:

“669.08 Contaminated Soil and/or Groundwater Monitoring. The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be taken to a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation with detectable PID or FID meter readings that are above background. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon the land use history of the subject property and/or PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern, including pH, based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.

Samples shall be grab samples (not combined with other locations). The samples shall be taken with decontaminated or disposable instruments. The samples shall be placed in sealed containers and transported in an insulated container to the laboratory. The container shall maintain a temperature of 39 °F (4 °C). All samples shall be clearly labeled. The labels shall indicate the sample number, date sampled, location and elevation, and any other observations.

The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039. For parameters where the specified cleanup objective is below the acceptable detection limit (ADL), the ADL shall serve as the cleanup objective. For other parameters the ADL shall be equal to or below the specified cleanup objective."

Replace the first two paragraphs of Article 669.09 of the Standard Specifications with the following:

"669.09 Contaminated Soil and/or Groundwater Management and Disposal. The management and disposal of contaminated soil and/or groundwater shall be according to the following:

- (a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605, the soil shall be managed as follows:
 - (1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but they are still considered within area background levels by the Engineer, the excavated soil can be utilized within the construction limits as fill, when suitable. Such soil excavated for storm sewers can be placed back into the excavated trench as backfill, when suitable, unless trench backfill is specified. If the soils cannot be utilized within the construction limits, they shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.
 - (2) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
 - (3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

- (4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.
- (5) When the Engineer determines soil cannot be managed according to Articles 669.09(a)(1) through (a)(4) above, the soil shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.
- (b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC but the pH of the soil is less than 6.25 or greater than 9.0, the excavated soil can be utilized within the construction limits or managed and disposed of off-site as "uncontaminated soil" according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation.
- (c) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Illinois Administrative Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer."

Revise Article 669.14 of the Standard Specifications to read:

669.14 Final Environmental Construction Report. At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District's Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic

and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

- (a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers,
- (b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site investigation (PESA) site number),
- (c) Plan sheets showing the areas containing the regulated substances,
- (d) Field sampling and testing results used to identify the nature and extent of the regulated substances,
- (e) Waste manifests (identified by the preliminary environmental site investigation (PESA) site number) for special or hazardous waste disposal, and
- (f) Landfill tickets (identified by the preliminary environmental site investigation (PESA) site number) for non-special waste disposal.”

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

“The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.”

REMOVAL AND DISPOSAL OF SURPLUS MATERIALS (BDE)

Effective: November 2, 2012

Revise the first four paragraphs of Article 202.03 of the Standard Specifications to read:

“202.03 Removal and Disposal of Surplus, Unstable, Unsuitable, and Organic Materials. Suitable excavated materials shall not be wasted without permission of the Engineer. The Contractor shall dispose of all surplus, unstable, unsuitable, and organic materials, in such a manner that public or private property will not be damaged or endangered.

Suitable earth, stones and boulders naturally occurring within the right-of-way may be placed in fills or embankments in lifts and compacted according to Section 205. Broken concrete without protruding metal bars, bricks, rock, stone, reclaimed asphalt pavement with no expansive aggregate, or uncontaminated dirt and sand generated from construction or demolition activities may be used in embankment or in fill. If used in fills or embankments, these materials shall be placed and compacted to the satisfaction of the Engineer; shall be buried under a minimum of 2 ft (600 mm) of earth cover (except when the materials include only uncontaminated dirt); and shall not create an unsightly appearance or detract from the natural topographic features of an area. Broken concrete without protruding metal bars, bricks, rock, or stone may be used as riprap as approved by the Engineer. If the materials are used for fill in locations within the right-of-way but outside project construction limits, the Contractor must specify to the Engineer, in writing, how the landscape restoration of the fill areas will be accomplished. Placement of fill in such areas shall not commence until the Contractor's landscape restoration plan is approved by the Engineer.

Aside from the materials listed above, all other construction and demolition debris or waste shall be disposed of in a licensed landfill, recycled, reused, or otherwise disposed of as allowed by State or Federal laws and regulations. When the Contractor chooses to dispose of uncontaminated soil at a clean construction and demolition debris (CCDD) facility or at an uncontaminated soil fill operation, it shall be the Contractor's responsibility to have the pH of the material tested to ensure the value is between 6.25 and 9.0, inclusive. A copy of the pH test results shall be provided to the Engineer.

A permit shall be obtained from IEPA and made available to the Engineer prior to open burning of organic materials (i.e., plant refuse resulting from pruning or removal of trees or shrubs) or other construction or demolition debris. Organic materials originating within the right-of-way limits may be chipped or shredded and placed as mulch around landscape plantings within the right-of-way when approved by the Engineer. Chipped or shredded material to be placed as mulch shall not exceed a depth of 6 in. (150 mm).”

PERMANENT STEEL SHEET PILING (LRFD)

Effective: January 31, 2012

Revised: August 17, 2012

Description. This work shall consist of furnishing and installing the permanent sheet piling to the limits and tolerances shown on the plans according to Section 512 of the Standard Specifications.

Material. The sheet piling shall be made of steel and shall be new material. Unless otherwise specified the sheeting shall have a minimum yield strength of 50 ksi (345 MPa) according to ASTM A 572. The sheeting shall be identifiable and free of bends and other structural defects. The Contractor shall furnish a copy of the published sheet pile section properties to the Engineer for verification purposes. The Engineer's approval will be required prior to driving any sheeting. All driven sheeting not approved by the Engineer shall be removed at the Contractor's expense.

The Contractor shall furnish a sheet pile section, to be used for each wall section, with a published section modulus equal to or larger than that specified on the plans.

The selection of the sheet pile section shall not relieve the Contractor of the responsibility to satisfy all details including minimum clearances, cover, reinforcement, shear stud locations, interlocking, and field cutting. Any modifications of the plans to accommodate the Contractor's selection shall be paid for by the Contractor and subject to the approval of the Engineer.

Construction. The Contractor shall verify locations of all underground utilities before driving any sheet piling. Any disturbance or damage to existing structures, utilities or other property, caused by the Contractor's operation, shall be repaired by the Contractor in a manner satisfactory to the Engineer at no additional cost to the Department. The Contractor shall be responsible for determining the appropriate equipment necessary to drive the sheeting to the tip elevation(s) specified on the plans or according to the Contractor's approved design. The sheet piling shall be driven, as a minimum, to the tip elevation(s) specified, prior to commencing any related construction. If unable to reach the minimum tip elevation, the adequacy of the sheet piling design will require re-evaluation by the Department prior to allowing construction adjacent to the sheet piling in question.

Obstructions. Obstructions shall be defined as any object (such as but not limited to, boulders, logs, old foundations, etc.) that cannot be driven through with normal driving procedures, but requires special equipment to remove the obstruction. When obstructions are encountered, the Contractor shall notify the Engineer and upon concurrence of the Engineer, the Contractor shall begin working to break up, push aside, or remove the obstruction.

Method of Measurement. This work will be measured in place in square feet (square meters). Sheet piling associated with other work in this contract or for permanent sheet piling that is cut off or driven beyond those dimensions shown on the plans will not be measured for payment.

Obstruction mitigation shall be paid for according to Article 109.04.

Basis of Payment. This work will be paid for at the contract unit price per square foot (square meter) for PERMANENT STEEL SHEET PILING at the location shown on the plans.

GRANULAR BACKFILL FOR STRUCTURES

Effective: April 19, 2012

Revised: October 30, 2012

Revise Section 586 of the Standard Specifications to read:

SECTION 586. GRANULAR BACKFILL FOR STRUCTURES

586.01 Description. This work shall consist of furnishing, transporting and placing granular backfill for abutment structures.

586.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Fine Aggregate.....	1003.04
(b) Coarse Aggregates	1004.05

CONSTRUCTION REQUIREMENTS

586.03 General. This work shall be done according to Article 502.10 except as modified below. The backfill volume shall be backfilled, with granular material as specified in Article 586.02, to the required elevation as shown in the contract plans. The backfill volume shall be placed in convenient lifts for the full width to be backfilled. Unless otherwise specified in the contract plans, mechanical compaction will not be required. A deposit of gravel or crushed stone placed behind drain holes shall not be required. All drains not covered by geocomposite wall drains or other devices to prevent loss of backfill material shall be covered by sufficient filter fabric material meeting the requirements of Section 1080 and Section 282 with either 6 or 8 oz/sq yd (200 or 270 g/sq m) material allowed, with free edges overlapping the drain hole by at least 12 in. (300 mm) in all directions.

The granular backfill shall be brought to the finished grade as shown in the contract plans. When concrete is to be cast on top of the granular backfill, the Contractor, subject to approval of the Engineer, may prepare the top surface of the fill to receive the concrete as he/she deems necessary for satisfactory placement at no additional cost to the Department.

586.04 Method of Measurement. This work will be measured for payment as follows.

(a) Contract Quantities. The requirements for the use of contract quantities shall conform to Article 202.07(a).

(b) Measured Quantities. This work will be measured for payment in place and the volume computed in cubic yards (cubic meters). The volume will be determined by the method of average end areas behind the abutment.

586.05 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) for GRANULAR BACKFILL FOR STRUCTURES.

|

PART 4- EQUAL OPPORTUNITY REQUIREMENTS

EEO CONTRACT COMPLIANCE CLAUSE

It is hereby declared to be the public policy of the City of Peoria, that it will not execute a contract for goods and/or services with any individual, business enterprise, supplier/vendor; maintain a financial relationship with any financial institution; or use the services of any labor organization or member thereof found to be in violation of the provisions of the Municipal Code for the City of Peoria, Chapter 17, Article III, Division 4, Section 17-118.

This clause covers contractors, vendors, suppliers, borrowers and/or recipients of city resources, purchasers and/or developers of city owned property, and any other individuals or entities providing goods and/or services to the City of Peoria; and are hereinafter referred to as "Contractor".

If any Contractor conducting business with the City of Peoria fails to comply with the fair employment and affirmative action provisions of Chapter 17, Article III, Division 4 of the municipal code (hereinafter Chapter 17), the city, at its option, may do any or all of the following:

- (1) Cancel, terminate, or suspend the contract in whole or in part;
- (2) Declare the contractor ineligible for further contracts for one calendar year;
- (3) The Fair Employment and Housing Commission (hereinafter FEHC), in accordance with its rules and regulations, shall have the power to impose a penalty upon any Contractor failing to comply with Chapter 17 in an amount not less than \$50.00; nor more than as provided in Chapter 1, Section 1-5 of the municipal code, for each day that the Contractor fails to comply, upon a specific finding of such violation. The FEHC may order a Contractor found guilty of failure to comply with the provisions of Chapter 17 to pay all or a portion of the legal costs incurred by the city as a result of prosecution of such violations. Penalties assessed under the this clause may be recovered from the Contractor by setoff against unpaid portion of the contract price; and
- (4) Such other sanctions as may be imposed by the FEHC pursuant to the provisions of Chapter 17 and other applicable ordinance provisions of the municipal code.

During the performance of this contract, the Contractor agrees:

- (A) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual harassment, ancestry, national origin, place of birth, age, or a physical and/or mental disability which would not interfere with the efficient performance of the job in question. The contractor/vendor will take affirmative action to comply with the provisions of Peoria City Code, Chapter 17 and will require any subcontractor to submit to the City of Peoria a written commitment to comply with this division. The Contractor will distribute copies of this commitment to all persons who participate in recruitment, screening, referral, and selection of job applicants, prospective job applicants, members, or prospective contractors.

The Contractor agrees that the provisions of Chapter 17, of the Municipal Code of the City of Peoria is hereby incorporated by reference, as if set out verbatim

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- (B) That it will examine each one of its workforce job classifications to determine if minorities and/or females are underutilized; and it will take appropriate affirmative action steps to rectify such identified underutilization.
- (C) That if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability of minority and females in the area(s) from which it may reasonably recruit; and every good faith effort will be made in its selection process to minimize or eliminate identified areas of minority and/or female underutilization for each job classification for which there are employment opportunities.
- (D) That during the performance of this contract, the Contractor will maintain its eligibility status to conduct business with the City of Peoria under the provisions of the EEO certification registration program.

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- (B) That it will examine each one of its workforce job classifications to determine if minorities and/or females are underutilized; and it will take appropriate affirmative action steps to rectify such identified underutilization.

- (C) That if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability of minority and females in the area(s) from which it may reasonably recruit; and every good faith effort will be made in its to minimize or eliminate identified areas of minority and/or female

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- (4) Such other sanctions as may be imposed by the FEHC pursuant to the provisions of Chapter 17 and other applicable ordinance provisions of the municipal code.

During the performance of this contract, the Contractor agrees:

- (A) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual harassment, ancestry, national origin, place of birth, age, or a physical and/or mental disability which would not interfere with the efficient performance of the job in question. The contractor/vendor will take affirmative action to comply with the provisions of Peoria City Code, Chapter 17 and will require any subcontractor to submit to the City of Peoria a written commitment to comply with this division. The Contractor will distribute copies of this commitment to all persons who participate in recruitment, screening, referral, and selection of job applicants, prospective job applicants, members, or prospective contractors.

The Contractor agrees that the provisions of Chapter 17,
of the Municipal Code of the City of Peoria is hereby
incorporated by reference, as if set out verbatim

- (B) That it will examine each one of its workforce job classifications to determine if minorities and/or females are underutilized; and it will take appropriate affirmative action steps to rectify such identified underutilization.
- (C) That if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability of minority and females in the area(s) from which it may reasonably recruit; and every good faith effort will be made in its selection process to minimize or eliminate identified areas of minority and/or female underutilization for each job classification for which there are employment opportunities.
- (D) That during the performance of this contract, the Contractor will maintain its eligibility status to conduct business with the City of Peoria under the provisions of the EEO certification registration program.
- (E) That in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, sex, religion, national origin, age, or physical and/or mental disability.
- (F) That it will send to each labor organization or Representative of workers with which it has or is bound by a collective bargaining agreement or understanding, a notice advising such labor organization or Representative of the Contractor's obligations under Chapter 17. If any such labor organization or Representative fails or refuses to cooperate with the Contractor in its efforts to comply with Chapter 17, the Contractor will promptly so notify the Equal Opportunity Office (hereinafter EOO) and/or the FEHC for the City of Peoria.
- (G) That it will submit reports as required and furnish all relevant information as may from time to time be requested the EOO and/or the FEHC.
- (H) That it will permit access to all relevant books, records, accounts and work sites by EOO staff members for purposes of investigation to ascertain compliance with Chapter 17.
- (I) That it will include verbatim or by reference the provisions of Section 17-120 of Chapter 17 so that such provisions will be binding in the same manner as with other provisions of this contract. The Contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further, it will promptly notify the EOO and/or FEHC in the event any subcontractor fails or refuses to comply therewith. In addition, no Contractor will utilize any subcontractor declared by the EOO and/or FEHC to be non-responsive and therefore, ineligible for contracts or subcontracts with the City of Peoria.

- (J) That during the performance of this contract, the Contractor agrees: that it will have written sexual harassment policies that shall include, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under state law; (iii) a description of sexual harassment utilizing examples; (iv) the contractor's internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission; (vi) directions on how to contact the Department of Human Rights and the Commission; and (vii) protection against retaliation as provided by Section 6-101 of this Act (Public Act 87-1257). A copy of the policies shall be provided to the Illinois Department of Human Rights or the City of Peoria upon request.
- (K) That during the performance of this contract, the Contractor agrees that they do not and will not maintain or provide for their employees, any segregated facilities at any of their establishments, or permit employees to perform their services at any location under their control where segregated facilities are maintained.

As used in this document, the term segregated facilities means any waiting rooms, work areas, rest rooms and wash rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, religion, color, national origin, because of habit, local custom, or otherwise.

**MINORITY AND WOMEN'S BUSINESS ENTERPRISE (M/WBE) PARTICIPATION
REQUIREMENTS FOR GOOD-FAITH EFFORTS**
(Projects exceeding \$50,000)

I. Description of Program

- A. It is the policy of the City of Peoria to encourage participation of M/WBE's on all city-funded construction projects. In complying with this clause bidders are required, when subcontracting opportunities are available, to make a good-faith effort to meet the goals established for M/WBE participation. The participation goals are cited in Section VI on the Subcontractor Utilization Statement.
- B. Failure to submit the documentation requested in Sections II and III may cause (1) the bid to be rejected and determined non-responsive; (2) subject the bidders to the sanctions described in Section VIII.

II. Pre-Bid Efforts when Awarding Subcontracts

- A. Bidders are required to contact and solicit, in writing, bids from M/WBEs for available subcontracting. In seeking solicitations, bidders are to identify the portion(s) of work to be subcontracted and offer to break down any portion(s) of work into economically feasible units in order to facilitate M/WBE participation. Bidders also are to provide the name of a specific contact person in their notice to the M/WBEs. Contact shall be made prior to bid opening. A list containing the name of each company contacted, the date and method must be submitted with bid documents.

The low bidder shall provide to the City of Peoria, upon request, copies of faxes, letters, and e-mails sent to M/WBEs.

- B. Bidders who are a MBE or WBE are not exempt from soliciting bids for available subcontracting. The bidder is required to contact, in writing, firms that will help the bidder meet the participation goal for the targeted group opposite to which the bidder belongs. If the bidder is identified as both a MBE and WBE, the participation goals shall be deemed to have been met. In seeking solicitations, bidders are to identify the portion(s) of work to be subcontracted and offer to break down any portion(s) of work into economically feasible units in order to facilitate M/WBE participation. Bidders also are to provide the name of a specific contact person in their notice to the M/WBEs. Contact shall be made prior to bid opening. A list containing the name of each company contacted, the date and method must be submitted with bid documents.

The low bidder shall provide to the City of Peoria, upon request, copies of faxes, letters, and e-mails sent to M/WBEs.

III. Good-Faith Efforts Documentation when Utilizing Subcontractors

- A. All Bidders must provide proof of its compliance with the pre-bid requirements and good-faith efforts to the City. Both the pre-bid documentation and the support documentation requested below must be submitted with bid documents.
 - a. All Bidders must submit a properly completed “**Subcontractor Utilization Statement.**” All Bidders must provide the scope of work to be performed, the dollar amount to be paid, and the percentage amount of the contract for each company listed.
 - b. All Bidders must submit a list of qualified M/WBE’s who submitted bids but will not be utilized. This list must include a justification for not accepting the proposed bid.
- B. Disputes arising from the enforcement of these requirements will be resolved by the Equal Opportunity Office.

IV. Waiver Requirements When Self-Performing All Work

- A. **All bidders will make every effort to make subcontract** opportunities available to M/WBEs. However, if such an opportunity cannot be made available, the Bidder must seek a waiver by submitting “**M/WBE Participation Waiver Request.**” The waiver request must be submitted to the City of Peoria with bid documents.
- B. For the M/WBE waiver request to receive consideration, the following supportive documentation that applies must accompany the form:
 - a. A narrative describing the Bidder’s good faith efforts to secure M/WBE participation prior to bid opening.
 - b. A notarized affidavit attesting the Bidder did not receive inquiries or bids from qualified M/WBEs in response to the required notification prior to bid opening.
 - c. A written explanation for why the Bidder believes no subcontracting opportunities exist. *If the City of Peoria determines that the explanation is insufficient it reserves the right to halt the bid award process to request additional information from the Bidder. The Bidder will receive the request for information in writing.*
 - d. A written explanation for why the Bidder believes it is impracticable to award any subcontract(s) on the project in question. *If the Equal Opportunity Office determines that the explanation is insufficient it reserves the right to halt the bid award process to request additional information from the Bidder. The Bidder will receive the request for information in writing.*

V. Change In Use of Subcontractors or Self-Performance Status

- A. Before the General Contractor can deviate from utilizing any of the subcontractors listed on the Subcontractor Utilization Statement or its declared intent to self-perform, it must submit a completed **Notification of Change in Participation** form to the City of Peoria. Upon notification construction on the project may be delayed or halted until a review is conducted by the Equal Opportunity Office.
- B. Regarding a self-performance change, if a subcontracting opportunity has been made available, the General Contractor must identify all good faith efforts made to meet the M/WBE participation goals, unless the change was due to an emergency.

VI. **Procedures for Counting M/WBE Participation toward Goals** (*based upon Department of Transportation regulations*)

- A. When an M/WBE participates in a contract, count only the value of the work actually performed by the M/WBE toward M/WBE participation goals.
 - a. Count the entire amount of that portion of a construction contract (or other contract not covered by paragraph (A)(b) of this section) that is performed by the M/WBE's own forces. Include the cost of supplies and materials obtained by the M/WBE for the work of the contract including supplies purchased or equipment leased by the M/WBE (except supplies and equipment the M/WBE subcontractor purchases or leases from the prime contractor or its affiliate).
 - b. Count the entire amount of fees or commissions performed by an M/WBE firm towards M/WBE goals if that firm provides the Apparent Low Bidder a bona fide professional, technical, consultant, or managerial service or provides bonds or insurance specifically required in a City of Peoria contract.
 - c. If an M/WBE subcontracts a portion of its work to an M/WBE, 100% of the value of the subcontracted work may be counted toward the M/WBE goal, but any portion of the work the M/WBE subcontracts to a non-M/WBE does not count toward the M/WBE goal.
- B. When an M/WBE participates in a joint venture on a City contract, only count the dollar value of the portion of the work that the M/WBE performs with its own forces toward M/WBE goals.
- C. Count expenditures to an M/WBE contractor toward M/WBE goals if, and only if, the M/WBE is performing a commercially useful function on that contract.
 - a. An M/WBE performs a commercially useful function when it is responsible for performing, managing, and supervising its contracted work; moreover, with respect to materials and supplies used on the contract, it must also be responsible for negotiating its price, and purchasing and managing those supplies.
 - b. An M/WBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds

are passed in order to obtain the appearance of M/WBE participation. It should be noted that an effort contrived to give the appearance of M/WBE participation is not considered a good faith effort and is considered an ethical violation that is subject to sanctions outlined in section V.

- c. If an M/WBE does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own work force, you must presume that it is not performing a commercially useful function and the dollar amount of that work will not count toward the M/WBE goals.
 - d. When an M/WBE is presumed the City of Peoria not to be performing a commercially useful function as provided in paragraph (C)(c) of this section, the M/WBE may present evidence to rebut this presumption. Your rebuttal is subject to review by the City of Peoria.
- D. Use the following factors in determining if an M/WBE trucking company is performing a commercially useful function:
- a. The M/WBE trucking company must manage and supervise the trucking work it is being paid to perform. A contrived arrangement for the purpose of giving the appearance of meeting M/WBE goals is not considered a good faith effort.
 - b. The M/WBE trucking company must own and operate at least one fully licensed, insured, and operational truck used on the contract.
 - c. The M/WBE trucking company receives credit for the total dollar value of the transportation services it provides on the contract using trucks it owns, insures, and operates.
 - d. The M/WBE trucking company may lease trucks from another M/WBE trucking firm, including an owner-operator who is certified as an M/WBE. The M/WBE who leases trucks from another M/WBE receives total credit for the dollar value of the transportation services the M/WBE trucking lessee provides on the contract.
 - e. The M/WBE trucking company may also lease trucks from a non-M/WBE trucking firm, including an owner-operator. The M/WBE who leases trucks from a non-M/WBE is only entitled to credit for the fee or commission it receives as a result of the lease arrangement. The M/WBE does not receive credit for the total dollar value of the transportation services provided by the lessee since these services are not provided by an M/WBE.
 - f. A lease agreement with an M/WBE trucking firm must indicate that the M/WBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the M/WBE, so long as the lease gives the M/WBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the M/WBE.

E. Count expenditures with M/WBEs for materials and supplies toward M/WBE goals in the following manner:

- a. If the materials or supplies are obtained from an M/WBE manufacturer, count 100% of the cost of the materials or supplies toward M/WBE goals.

Note: For purposes of this paragraph (e)(a), a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.

- b. If the materials or supplies are purchased from an M/WBE regular dealer, count 60% of the cost of the materials or supplies toward M/WBE goals.

Note: For purposes of this section, a regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are brought, kept in stock, and regularly sold or leased to the public in the usual course of business.

- i. *To be a regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.*
- ii. *A person may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business as provided in this paragraph (E)(b), if the person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by a long-term lease agreement and not on an ad hoc or contract-by-contract basis.*
- iii. *Packagers, brokers, manufacturers' Representatives, or other persons who arrange or expedite transactions are not regular dealers within the meaning of the paragraph (E)(b).*

- c. If materials or supplies are purchased from an M/WBE which is neither a manufacturer nor a regular dealer, count only 5% of the contract amount toward the M/WBE goals.

VII. Record Keeping and Reporting

- A. The General Contractor agrees to maintain records demonstrative of its good faith efforts to comply with the participation goals attached to the project. This would include, but not limited to, names of M/WBEs and non-minority firms awarded subcontracts, including dollar amount of the contract, payments to subcontractors, and weekly certified payroll reports. These records shall be made available to the City of Peoria upon request.
- B. All information will be provided through ePrismSoft, an electronic web based compliance tracking software. Access to ePrismSoft has been furnished by the City of Peoria. To activate access, the General Contractor and subcontractors must contact Human Capital Development at webnfo@eprismsoft.com or 309/692-6400.

VIII. **Sanctions**

- A. The Equal Opportunity Office may recommend the rejection of the apparent low bid where the information submitted by the Apparent Low Bidder fails to objectively demonstrate compliance with the M/WBE Good-Faith Efforts requirements. The Apparent Low Bidder will be notified of this decision and the reasons in writing. The Apparent Low Bidder may request a hearing within five (5) business days of this notice. The request must be submitted to the Equal Opportunity Office. The hearing will be held no later than seven (7) business days after receipt of request. The City Manager or designee will conduct all hearings.
- B. Upon a finding that any party has not complied with the provisions of this clause, any one or a combination of the following actions may be taken:
 - a. Declare the Apparent Low Bidder non-responsive and therefore ineligible for contract award.
 - b. Declare the Apparent Low Bidder ineligible for further contracts for a calendar year.
 - c. File a formal complaint against Apparent Low Bidder, and/or subcontractor with the Fair Employment and Housing Commission.



MINORITY AND FEMALE WORKFORCE UTILIZATION

The City of Peoria is committed to ensuring our construction projects offer equal employment opportunity to all the citizens we serve. The Prime Contractor and all of its subcontractors are to make a good faith effort to comply with the following goals for minority and female workforce utilization.

1. Eighteen (18) percent of the total hours worked, per trade, should be performed by minority workers.
2. Three (3) percent of the total hours worked, per trade, should be performed by female workers.

Each contractor must maintain certified payroll records verifying the hours worked by minority and female workers. These records must be provided to the City of Peoria. For directions on submitting this information, see Minority and Women's Business Enterprise (M/WBE) Participation Requirements for Good-Faith Efforts, Section VII.



HUMAN RIGHTS ACT

The contract will be subject to and governed by the rules and regulations of the Illinois Human Rights Act, including Public Act 87-1257 (effective July 1, 1993) which requires that every bidder shall have a written sexual harassment policy that includes, at a minimum, the following information:

- a. The illegality of sexual harassment;
- b. The definition of sexual harassment under State law;
- c. A description of sexual harassment, utilizing examples;
- d. The bidder's internal complaint process including penalties;
- e. The legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Illinois Human Rights Commission;
- f. Directions on how to contact the Department and the Commission;
- g. Protection against retaliation as provided in the Act.

Bidders are hereby placed on notice, a copy of its policy shall be provided to the Department upon request.

SAXI-93
effective 7-1-93
per Legal Dept.

APPENDIX A

EEO DOCUMENTS



EMPLOYER REPORT CC-1 INFORMATION
READ THIS PAGE BEFORE FILLING OUT THE EMPLOYER REPORT CC-1
OR THE RENEWAL APPLICATION

This page outlines the instructions you need to follow to process either the Employer Report Form CC-1 or the Renewal Application. Forms that are not filled out properly will not be processed.

Processing Fee: Effective January 1st, 2006, in accordance with recent changes to chapter 17 of the Peoria Municipal Code, a fifty-dollar (\$50.00) processing fee will be charged with each submission of the Employer Report Form CC-1 and the Renewal Application. The only exception to payment of the processing fee is neighborhood associations.

Method of Processing Fee Payment: The City of Peoria Treasurer's office will only accept check, money order, and cash payment. Make checks payable to the "City of Peoria".

Who needs to fill out the Employer Report Form CC-1 or the Renewal Application? Any business providing a good or service to the City for remuneration or any business receiving financial assistance from the City.

Under what legal authority does the City of Peoria require this application? The filing requirement is authorized under chapter 17, Peoria Municipal Code, section 17-120(b).

Which form do I submit?

Employer Report Form CC-1: If your company has not received an EEO Certification Number from the City of Peoria, you need to complete the Employer Report Form CC-1. You will also need to submit a copy of your company's **Sexual Harassment Policy** (for specific instructions on the sexual harassment policy, see the Sexual Harassment Policy Information Sheet).

Renewal Application: If your company currently has an EEO Certification Number from the City of Peoria that has expired, or is about to expire, you only need to complete the Renewal Application form. If you are submitting the Renewal Application you do not need submit the Sexual Harassment Policy as it is already on file.

Submittal Instructions: Either **mail** or **hand deliver** your completed materials.

Mail: Mail forms and payment to the Office of Equal Opportunity. The EO Office will review the forms. If they are complete and correct, the EO Office will process your forms and mail, fax, or email you a copy of your EEO certificate. Send forms and payment to:

City of Peoria
Office of Equal Opportunity
419 Fulton Street, Room 303
Peoria, IL 61602-1276

Hand Delivery: If you choose to hand deliver your forms and payment, you must first go to the Office of Equal Opportunity (address listed above). The EO Office will review your form for completeness and then ask you to stop by the Treasurer's Office, City Hall Building, Room 100 to make your Processing Fee payment. The EO office will process your forms and mail, fax, or email you a copy of your EEO certificate.

If you have any questions, call the Equal Opportunity Office at (309) 494-8530

KEEP THIS PAGE FOR YOUR RECORDS



MINORITY AND WOMEN BUSINESS ENTERPRISE DIRECTORY

To assist Bidders in their outreach efforts, the City of Peoria has developed a Minority and Women Business Enterprise (M/WBE) directory. Go to the City's website at <http://www.peoriagov.org/equal-opportunity/minority-and-women-business-enterprise-mwbe-directory/> to view the directory.

EQUAL EMPLOYMENT OPPORTUNITY

To be awarded a contract all Suppliers, Vendors and Contractors to the City of Peoria must be registered in the City of Peoria's Contract Compliance Program and have a current EEO Certification Number. This program is unrelated to any State or Federal program. To obtain or renew a number, an Employer Report Form CC-1, a copy of your company's sexual harassment policy statement, if a first time applicant and a Fifty-dollar (\$50.00) processing fee must be submitted to the City of Peoria. Go to the City's website at <http://www.peoriagov.org/equal-opportunity/> to obtain the form and instructions page.

Note: Suppliers, Vendors and Contractors do not need an EEO Certification Number to submit a bid bid. However, it is required prior to the award of the contract.

CONTRACT DELIVERABLES



CITY OF PEORIA SUBCONTRACTOR PAYMENT FORM

PRIME CONTRACTOR

Name: _____

Address: _____

Phone: _____

Contact Person: _____

PROJECT

Name: _____

Pay Estimate No: _____

Percent Complete: _____ %

Work Period: _____ to _____

INSTRUCTIONS: Complete the table below. If additional space is needed attach extra pages as needed and included all information listed in the table below; along with project name and prime contractor.

Subcontractor <i>(Name)</i>	Payment Amount	Payment Type <i>(F-full/ P-partial)</i>
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
Total Payment Amount for Work Completed	\$	

This form is to verify the work completed and the amount paid to a subcontractor utilized on the above listed project. Under penalty of law for perjury or falsification, the undersigned certifies that the payment reported herein was made to the subcontractors listed.

Signature of Prime Contractor

Date



CITY OF PEORIA MONTHLY WORKFORCE ANALYSIS

Check appropriate status
 Contractor
 Subcontractor

Month Ending _____

Name: _____

Address: _____

Contact Person: _____

Phone: _____

Project: _____

Date Work Started: _____

Percent Complete: _____ %

Job Categories	Number of Employees				Hours of Employment									
	Total # of Employees		Total Minorities		African American		Asian/Pacific Islander		American Indian/Alaskan Native		Hispanic		White	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Foremen														
Electricians														
Glaziers														
Iron Workers														
Laborers														
Teamsters														
Millwrights														
Pipe Fitters														
Plumbers														
Plasterers														
Painters														
Roofers														
Operating Engs														
Tile Layers														
Sheet Metal Wkrs														
TOTALS														

Instructions: The total number of hours worked on the project (Hours of Employment), and the total number of individuals working on the project during the reporting period (Number of Employees) should be submitted on this form to the Project Resident Engineer every month. Each contractor and subcontractor should submit with this form certified payroll records for the period covered. The prime contractor is responsible for securing and submitting with his/her report, reports from all subcontractors.



CITY OF PEORIA
NOTIFICATION OF CHANGE IN PARTICIPATION

Type of Change _____ Date: _____

Subcontractor. Complete Part 1
Self-Performance. Complete Part 2

PRIME CONTRACTOR

PROJECT

Name: _____
Address: _____
Phone: _____

Name: _____

PART 1

If changing from previously identified subcontractor to another, complete both From and To.

From Name _____
Address _____
Phone _____

To Name _____
Address _____
Phone _____

Status _____ MBE _____ WBE _____ Non-M/WBE

Status _____ MBE _____ WBE _____ Non-M/WBE

Will scope of work change? _____ Yes _____ No

Contract Amount _____

Describe change _____

Reason for Contractor Change _____

PART 2

Complete if deviating from intent to self-perform.

Prime Contractor will have to hire another contractor to perform work. _____ Yes _____ No

Change was due to _____ Emergency _____ Non-Emergency

Explain Situation _____

Describe good faith efforts to utilize M/WBE _____

Name of added Contractor _____

Address _____

Phone _____

Status _____ MBE _____ WBE _____ Non-M/WBE

Contract Amount _____

Scope of Work _____

Signed: _____ Contractor _____ Title _____

MISCELLANEOUS



CITY OF PEORIA
SAMPLE CONTRACT

This agreement, made and entered into this _____ day of _____, 201____, by and between the City of Peoria, an Illinois Municipal Corporation, Party of The First Part, and _____, Party of The Second Part for the improvement known as the _____;

WITNESSETH: That for and in consideration of the payments and agreements mentioned in the bid hereto attached, to be made and performed by the Party of the First Part, and according to the terms expressed in the bond referring to these presents, the Party of The Second Part agrees with said Party of The First Part, at his/her/their own proper cost and expense to furnish and deliver all the work, materials and supplies in accordance with the specifications contained in said bid, and in full compliance with all the terms of this agreement, for the amount of _____ (\$_____).

IT IS UNDERSTOOD AND AGREED that the instructions to bidders, bid, bid, specifications, performance bond and maintenance bond are component parts of this contract and shall be deemed a part hereof. It is also understood and agreed that the contractor shall not assign, transfer, convey or otherwise dispose of this contract, or his/her right to execute it, or his/her right, title or interest in or to it or any part thereof, unless the previous written consent of the City Manager of the City of Peoria shall first be obtained thereto.

EMPLOYEE/EMPLOYMENT RESTRICTIONS – THE CONTRACTOR:

THE CONTRACTOR (hereinafter referred to as "SERVICE PROVIDER") agrees, as a condition of accepting this contract with the City of Peoria, that, for a period of one (1) year following completion of this contract, it shall be prohibited from hiring, directly or indirectly, any City employee or official who was involved, directly or indirectly in: (1) the selection and/or recommendation to select the SERVICE PROVIDER for performance of this contract; (2) coordinating the efforts of the SERVICE PROVIDER in the consummation or completion of this contract; or (3) monitoring or determining the performance of the SERVICE PROVIDER. The SERVICE PROVIDER further acknowledges and agrees that, upon the City's determination that a violation of this provision has occurred, the penalty imposed, at the sole discretion of the City, may include one or more of the following: (1) cancellation of any other contract(s) between the City of Peoria and the SERVICE PROVIDER; (2) disqualification of the SERVICE PROVIDER from bidding or being awarded future contracts with the City of Peoria for a period of two [2] years; and/or (3) payment of liquidated damages to the City of Peoria in the amount of TWENTY FIVE THOUSAND DOLLARS (\$25,000.00). *This does not apply to any City Employee involved in the 2011-12 reduction in force; nor does it apply to parties taking the Early Retirement Incentive offered by the City from November 1, 2011 through November 1, 2012.*

IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.
THE CITY OF PEORIA

BY: _____
City Manager

ATTEST: _____
City Clerk

EXAMINED AND APPROVED:

Corporation Counsel

PARTY OF THE SECOND PART

(name of individual, firm, or corporation)

BY: _____
(member of firm or officer of corporation)

(If a Co-Partnership)

(seal) (seal)

Partners doing business under the firm name
of _____ (seal)
(Party of the second part)
(If an Individual)

(seal)

(Party of the second part)



CITY OF PEORIA
SAMPLE PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, That I/we _____
an individual, of _____
a co-partnership, of _____
a corporation organized under the laws of the State of _____
as Principal, and _____

a corporation organized and existing under the laws of the State of _____ with
authority to do business in the State of Illinois, as Surety, are held and firmly bound unto the City of
Peoria, Peoria County, State of Illinois, in the penal sum of _____ Dollars
(\$ _____) lawful money of the United States, well and truly to be paid unto said
City of Peoria for the payment of which we bind ourselves, our heirs, executors, administrators,
successors, and assigns, jointly, severally, and firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATIONS IS SUCH that whereas, the said Principal
has entered into a contract with the City of Peoria for ANNUAL STORM SEWER REPAIR
CONTRACT - 2014 in accordance with the terms and conditions of said contract, which is hereby
referred to and made a part hereof as if fully set forth herein;

NOW, THEREFOR, the condition of this obligation is such, that if the above bounden Principal shall well
and truly keep, do and perform, each and every, all and singular, the matters and things in said contract
set forth and specified to be by said Principal kept, done and performed, at the times and in the manner in
said contract specified, or shall pay over, make good and reimburse the City of Peoria, all loss and
damage which it may sustain by reason of the failure or default on the part of the Principal so to do, then
this obligation shall be null and void; otherwise to remain in full force and effect.

IN WITNESS WHEREOF, we have duly executed the foregoing Obligation this _____ day of
_____, 201__.

FOR THE CITY OF PEORIA

Principal

EXAMINED AND APPROVED:

Corporation Counsel

Sureties

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, a Notary Public in and for said County, in the State aforesaid, do hereby certify that _____, who is personally known to me to be the same person who signed the above foregoing instrument as the Attorney in Fact for _____, appeared before me this day in person and acknowledged that he/she signed the name of _____, thereto, as his/her Principal, and his/her own name as Attorney in Fact, as the free and voluntary act of his/her said Principal for the uses and purposes therein set forth, and that he/she executed the said instrument under authority given him by his/her said Principal.

Given under my hand and Notarial Seal, this _____ day of _____, 201__.

Notary Public



CONSTRUCTION DEBRIS MANIFEST

Ticket No.: _____

Contract No.: _____

Generator: _____

Hauler: _____

Truck No.: _____

Description of Material: _____

Approximate Weight of Material: _____

Approximate Volume of Material: _____

Disposition of Material:

Location: _____

Date: _____

Time: _____

Owner: _____

Operator: _____



SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION

Letting Date: _____ Item No.: _____

Contract No.: _____

Route: _____

Section: _____

Job No.: _____

County: _____

The Substance Abuse Prevention on Public Works Act, Public Act 95-0635, prohibits the use of drugs and alcohol, as defined in the Act, by employees of the Contractor and by employees of all approved Subcontractors while Performing work on a public works project. The Contractor/Subcontractor herewith certifies that it has a superseding collective bargaining agreement or makes the public filing of its written substance abuse prevention program for the prevention of substance abuse among its employees who are not covered by a collective bargaining agreement dealing with the subject as mandated by the Act.

A. The undersigned Representative of the Contractor/Subcontractor certifies that the contracting entity has signed collective bargaining agreements that are in effect for all of its employees, and that deal with the subject matter of Public Act 95-0635.

Contractor/Subcontractor

Name of Authorized Representative (type or print)

Title of Authorized Representative (type or print)

Signature of Authorized Representative

Date

B. The undersigned Representative of the Contractor/Subcontractor certifies that the contracting entity has in place for all of its employees not covered by a collective bargaining agreement that deals with the subject of the Act, the attached substance abuse prevention program that meets or exceeds the requirements of Public Act 95-0635.

Contractor/Subcontractor

Name of Authorized Representative (type or print)

Title of Authorized Representative (type or print)

Signature of Authorized Representative

Date

SUB-CONTRACTOR FINAL PAYMENT NOTIFICATION FORM

TAPE HERE

My firm has served as a subcontractor or supplier on contract # _____ . We request to be notified 30 days before the City intends to process papers for final payment on this contract.

We understand that it is a subcontractor or supplier's responsibility to ensure they are paid for a project and that notification provided by the Department is a courtesy only and does not provide any protection. We are aware of our rights to make a claim against the bond or file a lien against public funds in accordance with 30 ILCS 550 or 770 ILCS 60/23 and that this request constitutes neither action.

Date _____ Name _____

TAPE HERE

FOLD HERE

Your firm has served as a subcontractor or supplier on contract # _____ . The City of Peoria plans to submit papers for processing of final payment to the prime contractor _____ during the next 30 days.

This information is provided as a courtesy only, pursuant to your request. This notification does not constitute an acknowledgment of a bond claim or a lien against public funds and does not guarantee payment.

Date prepared _____

Postage
Stamp
Required

City of Peoria

Effective January 1, 1994 the Illinois Department of Transportation no longer requires prime contractors on highway construction projects to obtain release forms from subcontractors and suppliers. If you wish to be notified when final payment on a project will be made, please complete all of the shaded areas on this card, **affix first class postage** on both sides of the card, then fold the card so the City address is visible and mail the card. The card will be returned to you prior to the final payment being made on the contract.

If you would like more information on filing a lien or bond claim, IDOT publishes a booklet "Getting Paid" that is available from the district office. You may wish to consult with your attorney if you have specific legal questions concerning the state laws on liens and bond claims and your rights therein.



Postage
Stamp
Required

Attn: _____

BC 2246 (Rev. 9/97)

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
	N/A	PEORIA	11
		ILLINOIS	CONTRACT NO.

CITY OF PEORIA OFFICIALS

- MAYOR JIM ARDIS
- CLERK BETH BALL
- TREASURER PATRICK NIGHTING
- COUNCIL MEMBERS DENISE MOORE
- CHUCK GRAYBE
- TIMOTHY RIGGINBACH
- JIM MONTELONGO
- CASEY L. JOHNSON
- W. ERIC TURNER
- BETH AKESON
- RYAN SPAIN
- ELIZABETH JENSEN
- CHUCK WEAVER

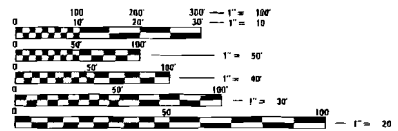
STATE OF ILLINOIS
CITY OF PEORIA

**PROPOSED
HIGHWAY PLANS**
POPLETT HOLLOW ROAD CULVERT REPLACEMENT
PEORIA COUNTY
FUNDING: CITY GENERAL FUNDS AND FEMA

HIGHWAY STANDARDS, SEE SHEET NO. 2

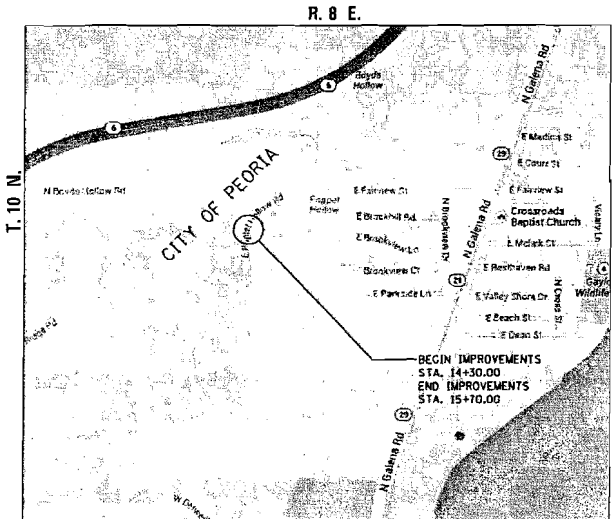
INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
5. PLAN AND PROFILE SHEET
6. GENERAL PLAN AND ELEVATION
- 7.-9. BOX CULVERT END SECTION DETAILS
10. SOIL BORING LOGS
11. MISCELLANEOUS DETAILS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



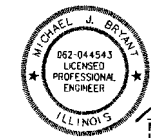
LOCATION MAP
SCALE: NOT TO SCALE

TOTAL LENGTH OF POPLETT HOLLOW RD. = 140.00 FT. = 0.027 MILE
NET LENGTH OF POPLETT HOLLOW RD. = 140.00 FT. = 0.027 MILE
DESIGN DESIGNATION = CLASS IV - 50 ADT
FUNCTIONAL CLASSIFICATION = LOCAL ROAD
DESIGN SPEED = 30 MPH



LOCATION OF SECTION INDICATED THUS: ———

CITY OF PEORIA
APPROVED _____ 2014
SCOTT REESE
CITY ENGINEER



Michael J. Bryant 5/9/14
MICHAEL J. BRYANT, P.E.
LICENSED PROFESSIONAL ENGINEER
ILLINOIS NO. 44543 EXPIRES 12-30-15 GATE

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012, THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, PROCEDURES, TECHNIQUES OR SEQUENCES OF CONSTRUCTION, NOR SAFETY ON THE JOB SITE, NOR SHALL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NEITHER THE PROFESSIONAL ACTIVITIES OF THE ENGINEER NOR THE PRESENCE OF THE ENGINEER AT A CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR OF THEIR OBLIGATIONS, DUTIES AND RESPONSIBILITIES, INCLUDING ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES.

IN ADDITION, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" SHALL BE MODIFIED AS FOLLOWS:

UNDER SECTION 105.01, ADD THE FOLLOWING SENTENCE:

NOTHING CONTAINED HEREIN SHALL RELIEVE THE CONTRACTOR OF ITS DUTY TO OBSERVE AND COMPLY WITH ALL APPLICABLE LAWS, NOR SHALL THE ENGINEER BE RESPONSIBLE FOR CONTRACTOR'S COMPLIANCE OR NON-COMPLIANCE WITH SUCH LAWS.

UNDER SECTION 107.01, ADD THE FOLLOWING SENTENCE:

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONTRACTOR'S DUTY TO OBSERVE AND COMPLY WITH THE PROVISIONS OF THIS SECTION, OR FOR CONTRACTOR'S FAILURE TO DO SO.
- THE CONTRACTOR SHALL ARRANGE TO HAVE ALL UTILITIES INCLUDING WATER, GAS, ELECTRIC, STORM SEWER, SANITARY SEWER, TELEPHONE, CABLE T.V. AND FIBER OPTIC LINES LOCATED AND SUITABLY MARKED, SHOULD A UTILITY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE ENGINEER SHALL BE NOTIFIED AT ONCE, THIS INCLUDES ANY UTILITIES NOT COVERED BY J.U.L.I.E.
- ALL SAW CUTS NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
- THE FINAL TOP 4 INCHES OF SOIL DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION, THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2 FT DEEP) OF SOIL PROFILES OF LOCAL SOILS.
- THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS OR AS DIRECTED BY THE ENGINEER. SEEDING CLASS 1A SHALL BE USED.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POST, SHRUBS, TREES OR OTHER NATURAL OR MANMADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION ARE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF BOX CULVERT END SECTIONS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MARKERS, RIGHT-OF-WAY MONUMENTS AND PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER (PH. 309-691-5300) AND THE CITY OF PEORIA (PH. 309-494-8800) AT LEAST 48 HOURS IN ADVANCE OF THE START OR RESTART OF CONSTRUCTION.
- EXCAVATION FOR STRUCTURES SHALL INCLUDE ALL MATERIALS ENCOUNTERED, REGARDLESS OF THEIR NATURE IN ACCORDANCE WITH SECTION 502.03.
- THE CONTRACTOR SHALL DISPOSE OF ALL REMOVAL ITEMS OFF OF THE RIGHT-OF-WAY.
- COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.
- ELECTRONIC CADD FILES AND/OR ELECTRONIC SURVEY INFORMATION WILL NOT BE AVAILABLE TO THE CONTRACTOR. ELECTRONIC PLANS, IN PDF FORMAT, WILL BE AVAILABLE.
- THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.
- BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. THE COST OF THE PRIME COAT SHALL BE INCLUDED IN THE COST OF "HOT-MIX ASPHALT SURFACE COURSE" OF THE TYPE SPECIFIED.

- THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT AT EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.
- THE ROAD IS TO REMAIN OPEN TO TRAFFIC EXCEPT AS ALLOWED BY THE SPECIAL PROVISIONS.
- THE CONDITIONS OF ANY PERMITS SHALL BE ADHERED TO.
- THE CONTRACTOR SHALL TAKE CARE DURING CONSTRUCTION TO ENSURE THAT THE NATURAL FLOW OF WATER THROUGH THE CONSTRUCTION SITE IS MAINTAINED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.
- PLACEMENT AND BACKFILL FOR THE PROPOSED BOX CULVERT SHALL CONFORM TO SECTION 502.10 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MATERIAL SHALL CONFORM TO ARTICLE 208.02 OF THE STANDARD SPECIFICATIONS, AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. IMPERVIOUS MATERIAL SHALL BE USED ON THE OUTER 3 FEET OF EACH END OF THE CULVERT.
- REPLACE UNSUITABLE MATERIAL, AS DIRECTED BY THE ENGINEER, WITH SUITABLE MATERIAL OR STONE RIPRAP CLASS A1 AND FILTER FABRIC. COST INCLUDED IN BOX CULVERT END SECTIONS.
- ELEVATIONS SHOWN ON THE PLAN ARE BASED ON NAVD 88. NORTHINGS AND EASTINGS ARE BASED ON STATE PLANE COORDINATES, NAD 83, ILLINOIS WEST ZONE.
- THE WORK IS TO BE COMPLETED BY SEPTEMBER 30, 2014 IN ORDER TO SECURE PARTIAL FUNDING BY FEMA.

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 606101-04 TYPE A CUTTER
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-03 TRAFFIC CONTROL DEVICES
- B.L.R. 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- B.L.R. 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- B.L.R. 22-7 TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)

COMMITMENTS

NONE

RATES OF APPLICATION TABLE

AGGREGATE (SURFACE, BASE, SUBBASE OR BACKFILL)	2.05 TON / CU YD
SUBBASE GRANULAR MATERIAL, TYPE B	2.05 TON / CU YD
HOT-MIX ASPHALT BITUMINOUS MATERIAL (PRIME COAT) (ON PAVEMENT)	0.1 GAL / SQ YD
BITUMINOUS MATERIAL (PRIME COAT) (ON AGGREGATE)	0.3 GAL / SQ YD
HOT-MIX ASPHALT SURFACE/ BINDER (112 lbs.)	0.056 TON / SQ YD • IN

HOT MIX ASPHALT MIXTURE TABLE

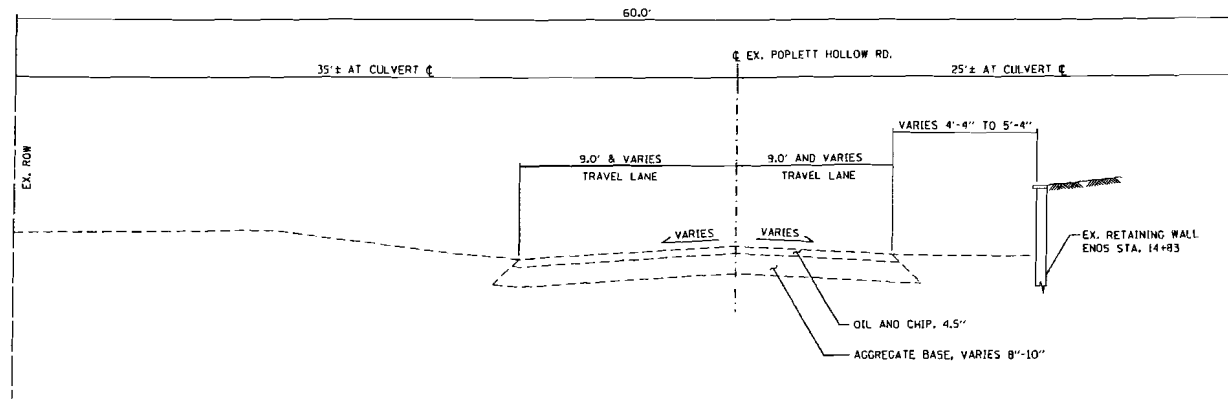
LOCATIONS	POPLETT HOLLOW
MIXTURE USE:	SURFACE CSE
AC/PG	PG 64-22
RAP % (MAX)	30%
DESIGN AIR VOIDS	4.0% @ N _{max} = 30
MIXTURE COMPOSITION (GRADATION)	IL 9.5
FRICTION AGGREGATE	MIX C

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
X:\PE\102\2013\10150-43\CADD\Plan\130150	33-41-gennata.dgn	DRAWN :	REVISED :			N/A	PEORIA	11	2	
	PL01 SCALE = 2.000' / in.	CHECKED :	REVISED :			CONTRACT NO.				
MODEL NAME :	PL01 DATE = 5/21/2014	DATE :	REVISED :			ILLINOIS FED. AID PROJECT				
				SCALE: NTS	SHEET OF SHEETS	STA. TO STA.				

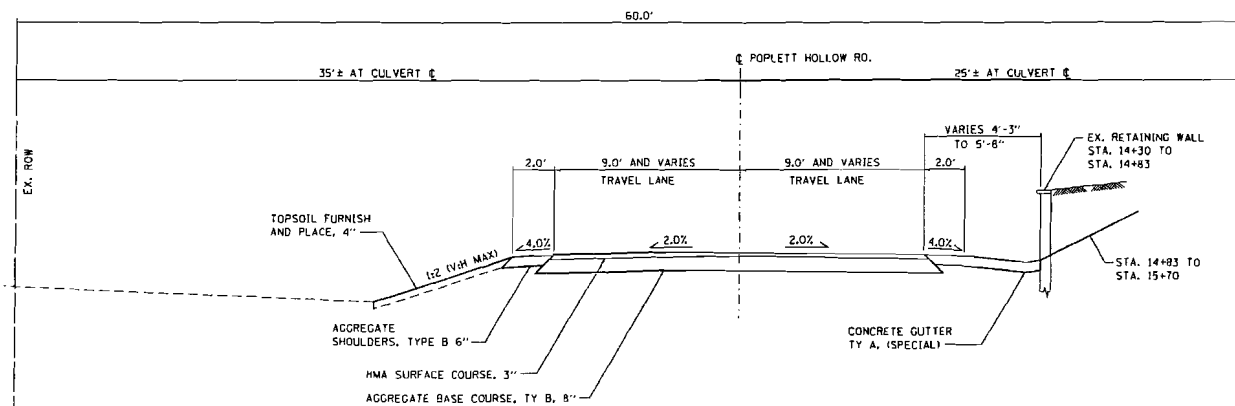
SUMMARY OF QUANTITIES				
PAY CODE	SP	ITEM DESCRIPTION	UNIT	QUANTITY
25000110	X	SEEDING, CLASS 1A	ACRE	0.25
28000305		TEMPORARY DITCH CHECK	FOOT	20
28100109	X	STONE RIPRAP, CLASS A5	SQ YD	130
28400100		GABIONS	CU YD	40
35102000		AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	2,538
40603305		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	422
44000100		PAVEMENT REMOVAL	SQ YD	320
44000200		DRIVEWAY PAVEMENT REMOVAL	SQ YD	9
48101500		AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	32
50100100		REMOVAL OF EXISTING STRUCTURES	EACH	1
51300105	X	TEMPORARY BRIDGE COMPLETE	EACH	1
54001001		BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54010706		PRECAST CONCRETE BOX CULVERTS 7' X 6'	FOOT	72
X5121800	X	PERMANENT STEEL SHEET PILING	SQ FT	390
X5880110	X	GRANULAR BACKFILL FOR STRUCTURES	CU YD	240
X6062700	X	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	140
X7010216	X	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	X	EMERGENCY BACKFILL	L SUM	1

X DENOTES SPECIAL PROVISION

FILE NAME : X:\PENYEN\2013\11\158-03\CAD\Plan\11131158	USER NAME : m1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL NAME :	33-wh1-502.dgn	DRAWN -	REVISED -			N/A	PEORIA	11	3	
	PLOT SCALE : 2.00 / in.	CHECKED -	REVISED -			CONTRACT NO.				
	PLOT DATE : 5/21/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: NTS						SHEET OF SHEETS		STA. TO STA.		



① **POPLETT HOLLOW ROAD**
EXISTING TYPICAL SECTION
 STA. 14+30.00 TO STA. 15+70.00



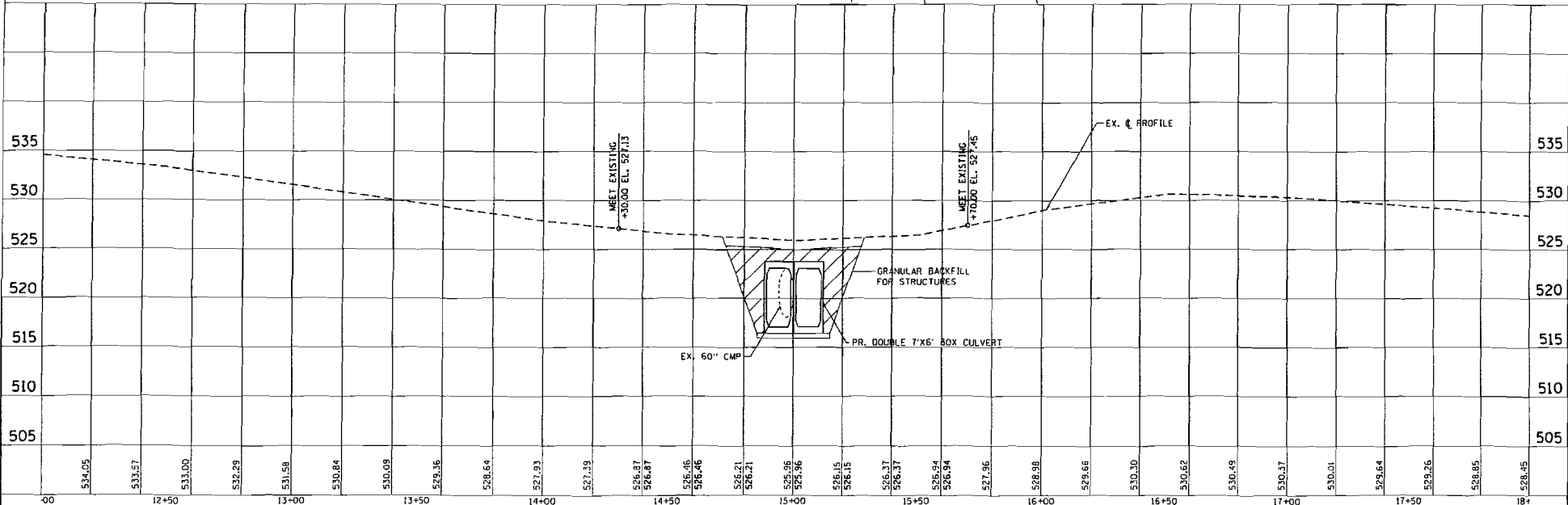
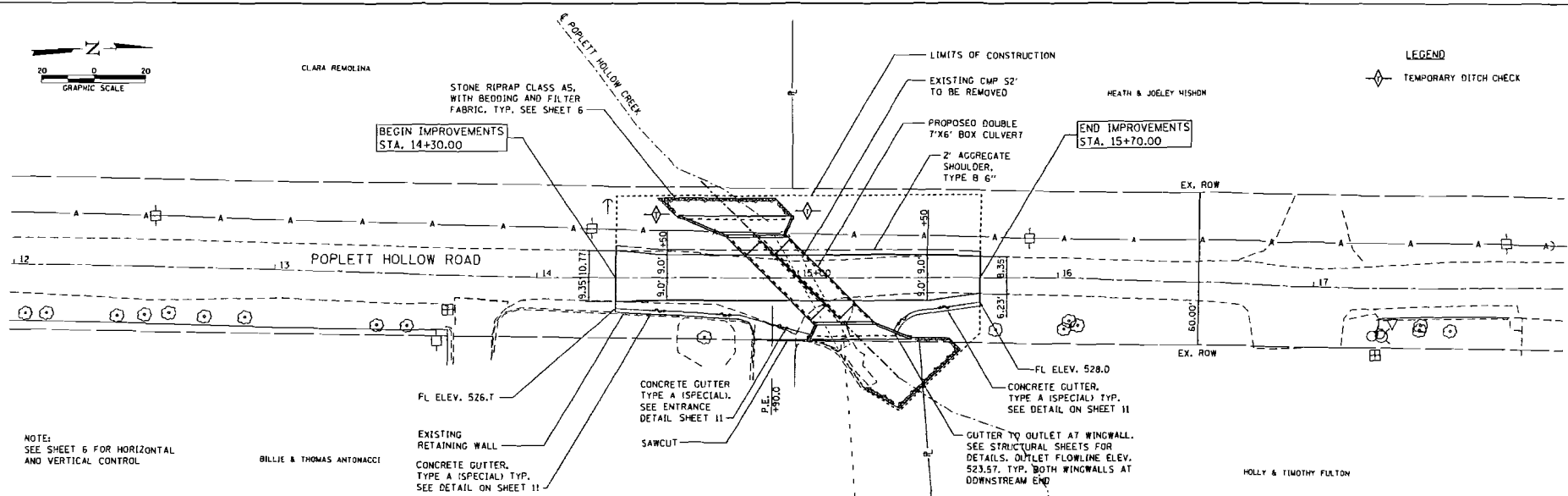
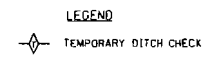
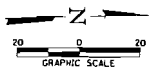
② **POPLETT HOLLOW ROAD**
PROPOSED TYPICAL SECTION
 STA. 14+30.00 TO STA. 15+70.00

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EXPENSES	DESIGNED	REVISED	N/A			PEORIA	11	11		
PLOT SCALE	CHECKED	REVISED	CONTRACT NO.							
PLOT DATE	DATE	REVISED	ILLINOIS FED. AID PROJECT							
SHEET 1 OF 1 SHEETS					STA. TO STA.					

DATE	
BY	
PROJECT	
LOCATION	
SCALE	
DATE	

DATE	
BY	
PROJECT	
LOCATION	
SCALE	
DATE	

DESIGNED BY: [Name] CHECKED BY: [Name] DATE: [Date]



	DESIGNED	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PLAN AND PROFILE - POPLETT HOLLOW ROAD		F.A. RTE. SECTION COUNTY TOTAL SHEETS NO.	PEORIA CONTRACT NO.
	USER NAME: [Name] PRINTER: [Name] PLOT SCALE: 1/8" = 1'-0" PLOT DATE: 5/21/2014	DRAWN CHECKED DATE	REVISED REVISED REVISED	SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

Existing structure: 60" CMP to be completely removed and replaced. Road closure will be utilized.

GENERAL NOTES

The road is to remain open to traffic except as allowed by the Special Provisions. The work is to be completed by September 30, 2014 in order to secure partial funding by FEMA.

Build tops of headwalls parallel to the grade lines.

All construction joints shall be bonded according to Article 503.09 of the Standard Specifications.

Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60.

The 6" porous granular material required per Article 540.06 of the Standard Specifications shall also extend beneath the Box Culvert End Sections and shall be considered included in the cost of Precast Concrete Box Culverts and Box Culvert End Sections.

When lapping sheets of welded wire fabric, the overlap measured between the outermost cross wires of each fabric sheet shall not be less than 8".

End Sections, excluding Permanent Steel Sheet Piling, shall be paid for at the contract unit price per each for BOX CULVERT END SECTIONS, as outlined in section 540 of the Standard specifications.

Class S1 concrete shall be used throughout.

Concrete, Rebar, and welded wire fabric quantities and lengths calculated for the cast-in-place End Sections may vary based on the precast box culverts supplied.

Orain holes shall be provided in accordance with Article 503.11 of the Standard Specifications.

The ends of the precast box sections adjacent to the end sections shall be formed without the male and female shapes specified in Article 6.1 of ASTM C1577. See End Section details.

Precast Box Culvert End Sections may be used in lieu of cast-in-place as shown on the plans. Shop Drawings and calculations sealed by a structural engineer registered in the state of Illinois will be required.

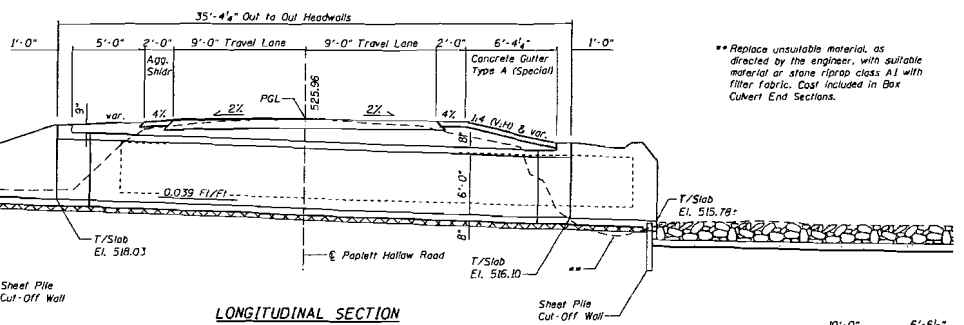
The design fill height for this box culvert is less than 2 feet. The skew is 45 degrees. The precast box culvert sections shall conform to SD2 special provision CONCRETE BOX CULVERTS WITH SKEWS > 30 DEGREES AND DESIGN FILL < 5 FEET (BOE).

The joints between precast box sections shall be sealed, all voids filled with a mastic joint sealer. In addition the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfilling process.

SE wingwall shall extend to the existing retaining wall.

All dimensions are in FEET (') INCHES (") unless otherwise noted.

Drawings are not to scale.



DESIGN STRESSES

PRECAST UNITS

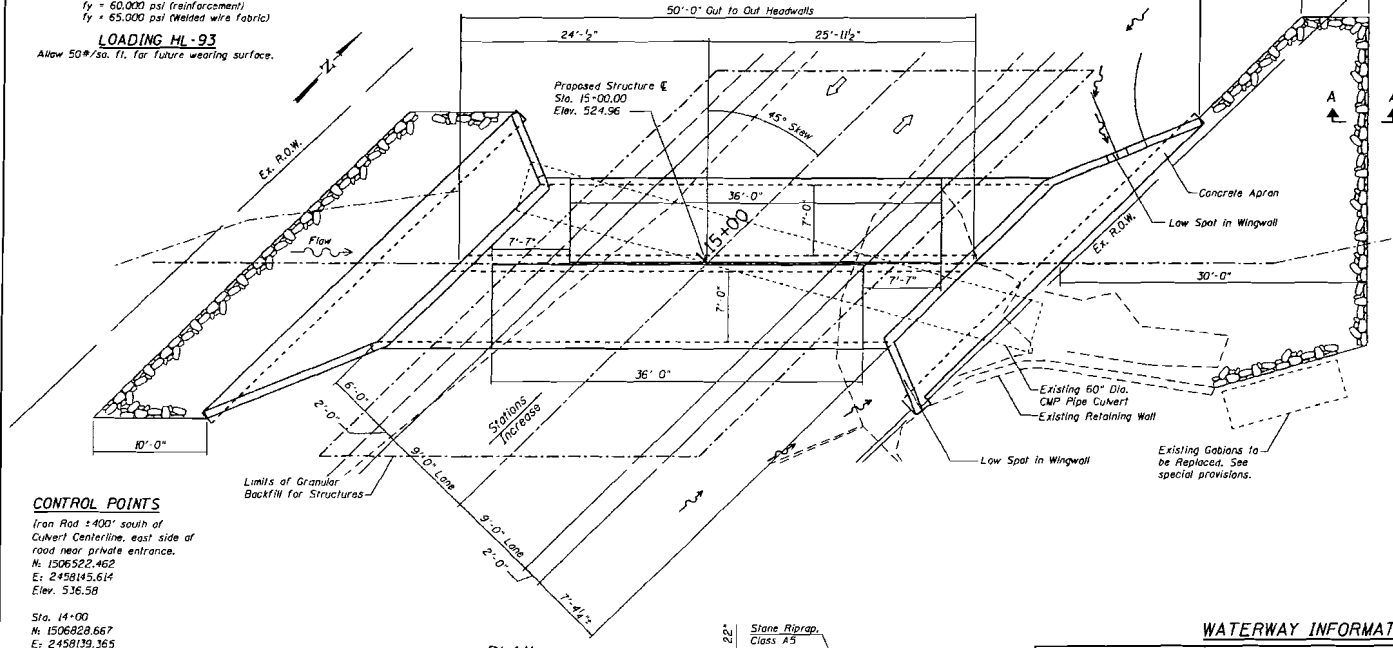
f'c = 5,000 psi
fy = 65,000 psi (Welded wire fabric)

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (reinforcement)
fy = 65,000 psi (Welded wire fabric)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.



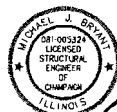
CONTROL POINTS

Iron Rod ± 400' south of Culvert Centerline, east side of road near private entrance.
N: 1506522.462
E: 2458145.614
Elev. 536.58

Sta. 14+00
N: 1506828.667
E: 2458139.365

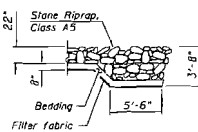
Sta. 15+00
N: 1506928.633
E: 2458141.934

Sta. 16+00
N: 1507028.600
E: 2458144.502

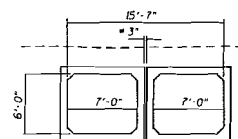


MICHAEL J. BRYANT, P.E.
LICENSED STRUCTURAL ENGINEER
ILLINOIS NO. 5324 EXPIRES 11-30-14

PLAN



SECTION A-A



SECTION THRU BARREL

WATERWAY INFORMATION

Drainage Area = 0.6 mi ²		Low Grade Elev. 525.94		Sta. 14+98.11	
Flood	Freq. Yr.	Opening Sq. Ft.	Not. H.W.E.	Head Ft.	Headwater El.
	0				
	10	540	16.1	53.5	521.85
	10	540	16.1	53.5	521.85
Design	30	783	18.1	60.6	522.36
Base	100	1100	19.5	68.5	522.92
Overlapping (E)		172			5.1
Overlapping (P)		846			3.95
Max. Calc.	500	1950	19.6	78.0	523.60
					3.95
					528.46
					527.55

10-Year Outlet Velocity from existing structure = 11.96 fps
10-Year Outlet Velocity from proposed structure = 16.98 fps

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Precast Concrete Box Culverts 7' x 6'	Foot	72
Box Culvert End Sections, Culvert No. 1	Each	2
Granular Backfill for Structures, Culvert No. 1	Cu. Yd.	240
Stone Riprap, Class A5	Sq. Yd.	130
Filter Fabric	Sq. Yd.	130
Temporary Bridge Complete	Each	1
Gobions	Cu. Yd.	40
Permanent Steel Sheet Piling	Sq. Ft.	390



USER NAME: j...
DESIGNED: ...
DRAWN: ...
CHECKED: ...
DATE: 5/21/2014

DESIGNED: ...
DRAWN: ...
CHECKED: ...
DATE: ...

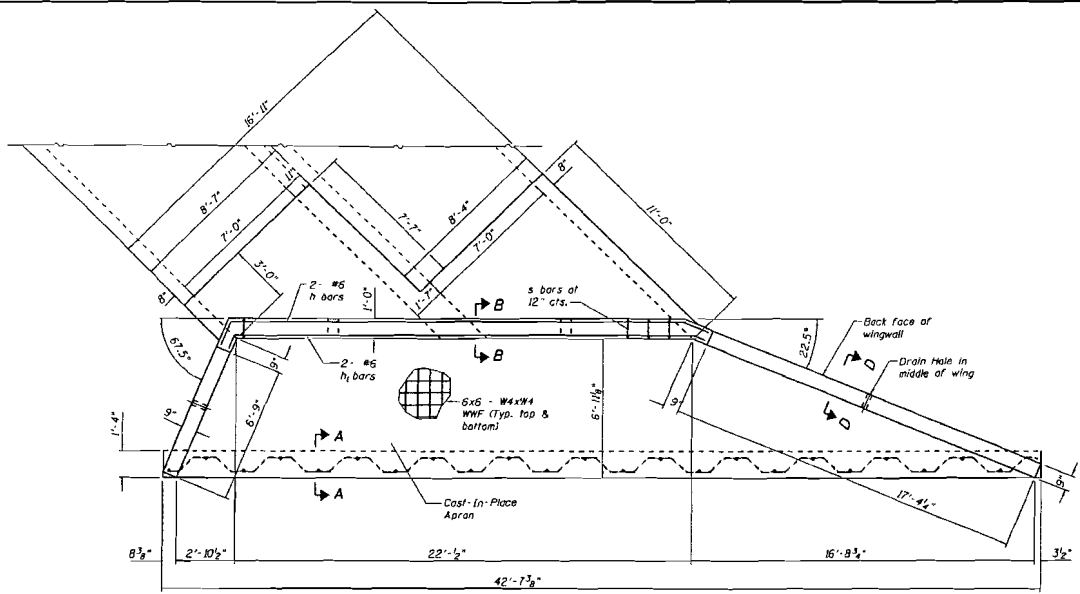
REVISIONS: ...

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

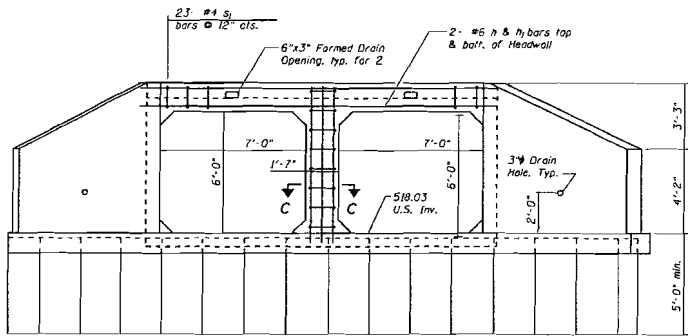
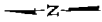
GENERAL PLAN AND ELEVATION

SHEET OF SHEETS STA. TO STA.

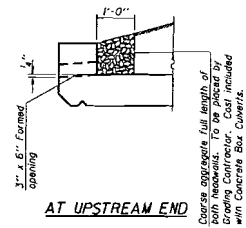
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	PEORIA	11	6
CONTRACT NO. ILLINOIS FED. RD. PROJECT				



PLAN - UPSTREAM END

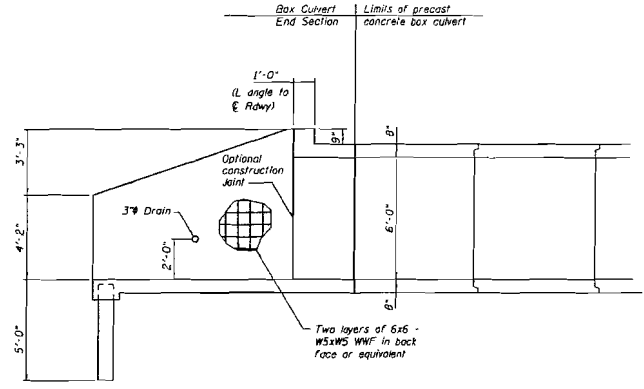


END ELEVATION - UPSTREAM END



AT UPSTREAM END
DRAIN DETAIL

Coarse aggregate full length of both members. To be placed by Draining Contractor. Cost included with Concrete Box Culverts.



HALFSIDE ELEVATION

Foth
Foothold Engineering & Environment, LLC
1400 Woodland Drive
Peoria, IL 61614
Phone: 309.691.1111 Fax: 309.691.1111
Illinois Registration Number: VLS0000171

USER NAME :	DESIGNED -	REVISD -
PLOT SCALE :	CHECKED -	REVISD -
PLOT DATE :	DRAWN -	REVISD -
	CHECKED -	REVISD -

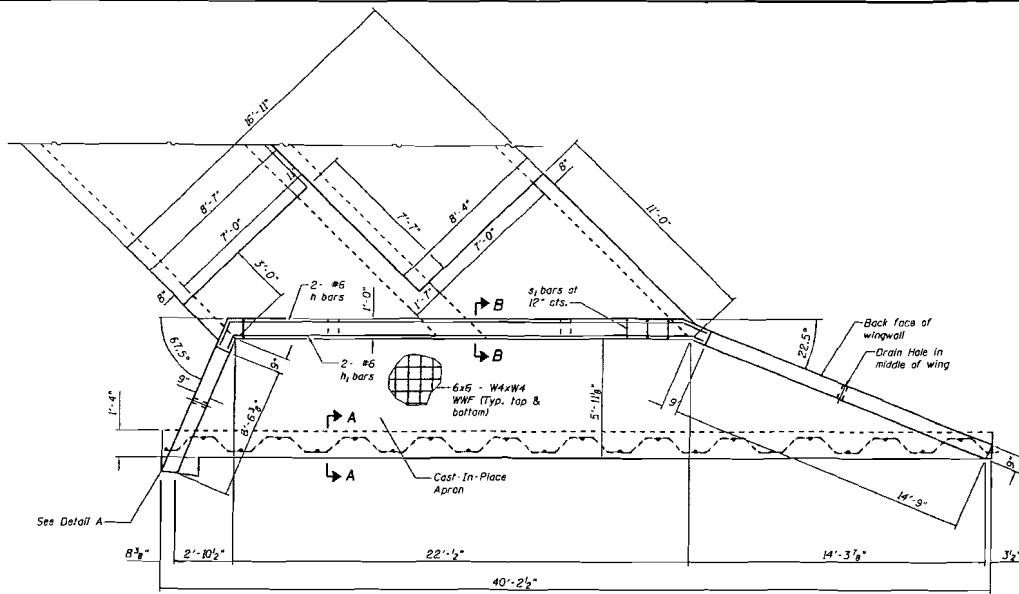
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT END SECTION DETAILS

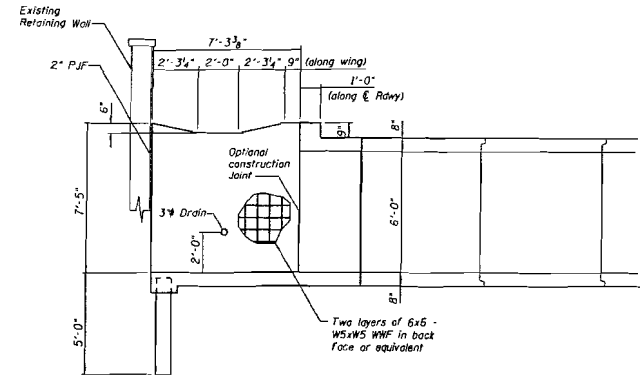
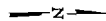
SHEET NO. 1 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	PEORIA	11	7

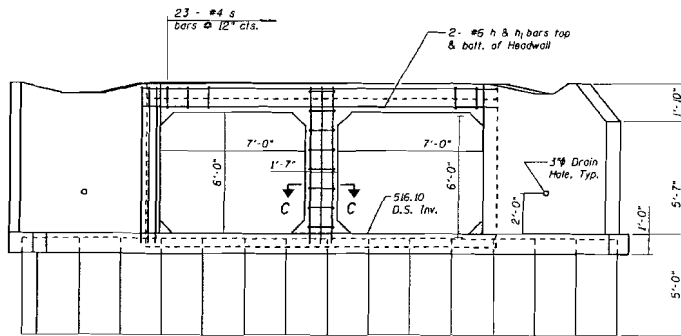
ILLINOIS FED. AID PROJECT



PLAN - DOWNSTREAM END



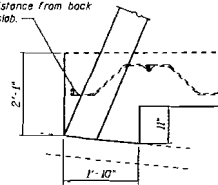
SOUTHEAST WINGWALL ELEVATION



END ELEVATION - DOWNSTREAM END

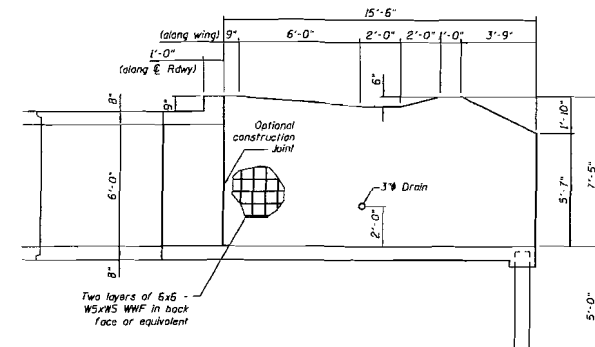
Steel Sheet Pile
Cut-off wall
S_{min} = 18 in/3ft

Orient Sheet Piling section as shown. Front edge of Pile to be at maximum distance from back of thickened slab.



Note:
Extend SE wingwall and thickened slab to meet existing retaining wall. Dimensions shown are approximate.

DETAIL A



NORTHEAST WINGWALL ELEVATION

X:\PROJECTS\2013\130756-01\130756-01.dwg Plot Date: 12/10/13 10:54:48 AM



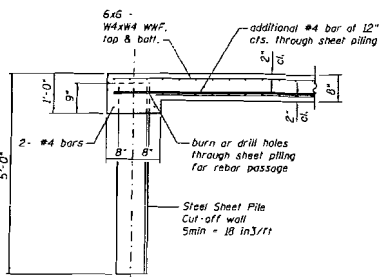
USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

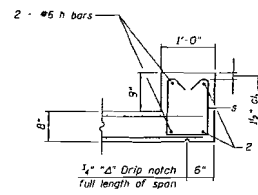
BOX CULVERT END SECTION DETAILS

SHEET NO. 3 OF 3 SHEETS

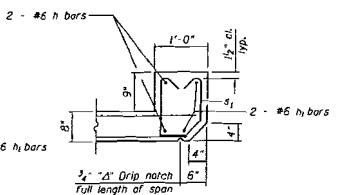
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	PEORIA	11	8
ILLINOIS PER. AND PROJECT				



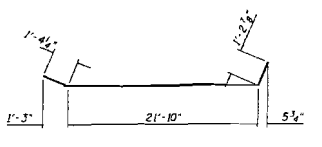
SECTION A-A



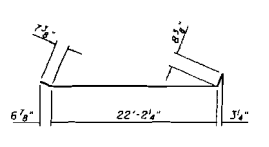
SECTION B-B
(At downstream end)



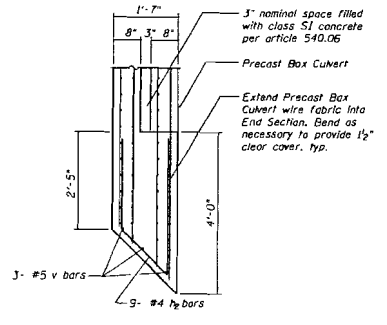
SECTION B-B
(At upstream end)



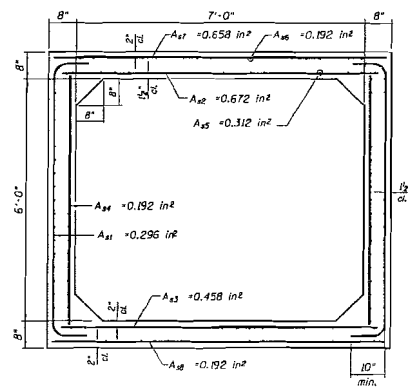
BAR h



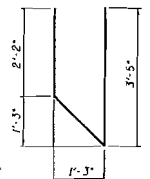
BAR h1



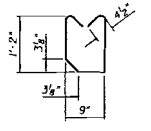
SECTION C-C



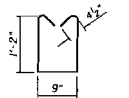
SECTION THRU END SECTION BARREL



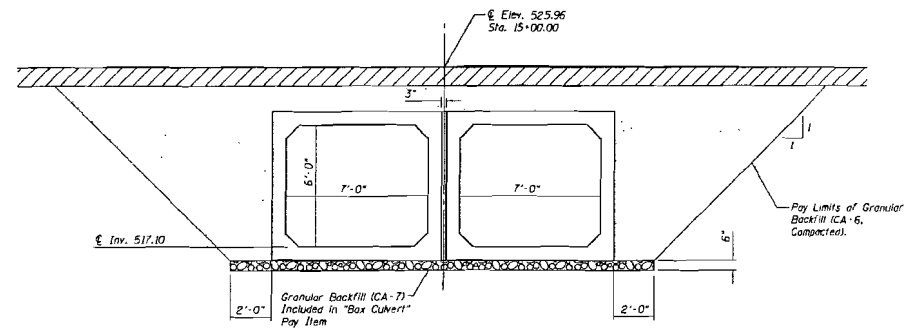
BAR h2



BAR s



BAR s1

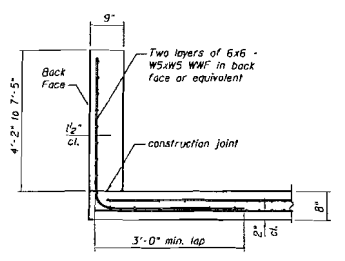


BACKFILL DETAIL

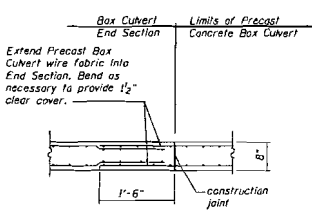
EXCAVATION AND BACKFILL NOTES

Work shown in this detail shall be performed in accordance with applicable portions of sections 207 and 540 of the Standard Specifications.
 Porous Granular Material shall extend 2 feet beyond the outside shoulder.
 This work shall be paid for at the contract unit price per cubic yard for Granular Backfill for Structures.
 Excavation for the proposed Box Culvert and Box Culvert End Sections shall be considered included in the pay item "Precast Concrete Box Culverts 7' x 6'".

ITEM	UNIT	TOTAL
Granular Backfill for Structures	Cu. Yd.	240



SECTION D-D



CAST-IN-PLACE TO PRECAST JOINT



USER NAME	DESIGNED	REVISIONS
PLT. SCALE	CHECKED	REVISIONS
PLT. DATE	DRAWN	REVISIONS
	CHECKED	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT END SECTION DETAILS

SHEET NO. 2 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	PEORIA	11	9

ILLINOIS FED. AID PROJECT



SOIL BORING LOG

Page 1 of 2

Table with columns for ROUTE, DESCRIPTION, LOCATION, COUNTY, STRUC. NO., Boring No., Station, Official, Ground Surface Elev., and soil log data including descriptions like 'LEAN CLAY overburden' and 'Medium SANDY CLAY'.

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Subj, S-Subj, P-Parameter). The SPT (N) value is the sum of the last ten blow values in each sampling zone (ASTM D 1586). BSS, Issue 137 (Rev. 8-99)



SOIL BORING LOG

Page 2 of 2

Table with columns for ROUTE, DESCRIPTION, LOCATION, COUNTY, STRUC. NO., Boring No., Station, Official, Ground Surface Elev., and soil log data including descriptions like 'Lean Clay overburden' and 'Medium SANDY CLAY'.

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Subj, S-Subj, P-Parameter). The SPT (N) value is the sum of the last ten blow values in each sampling zone (ASTM D 1586). BSS, Issue 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 2

Table with columns for ROUTE, DESCRIPTION, LOCATION, COUNTY, STRUC. NO., Boring No., Station, Official, Ground Surface Elev., and soil log data including descriptions like 'Lean Light Brown Sand' and 'Medium SANDY CLAY'.

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Subj, S-Subj, P-Parameter). The SPT (N) value is the sum of the last ten blow values in each sampling zone (ASTM D 1586). BSS, Issue 137 (Rev. 8-99)



SOIL BORING LOG

Page 2 of 2

Table with columns for ROUTE, DESCRIPTION, LOCATION, COUNTY, STRUC. NO., Boring No., Station, Official, Ground Surface Elev., and soil log data including descriptions like 'Silt Brown SANDY CLAY LOAM' and 'Silt Brown SANDY CLAY'.

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Subj, S-Subj, P-Parameter). The SPT (N) value is the sum of the last ten blow values in each sampling zone (ASTM D 1586). BSS, Issue 137 (Rev. 8-99)



Table with columns for USER NAME, DESIGNED, CHECKED, DRAWN, PLOT DATE, REVISIONS, and other project details.

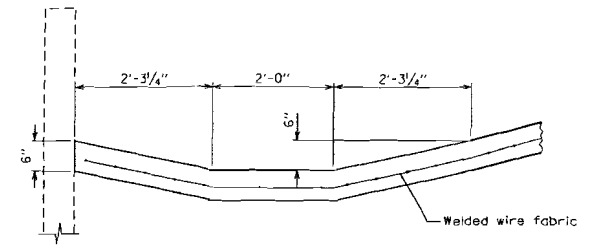
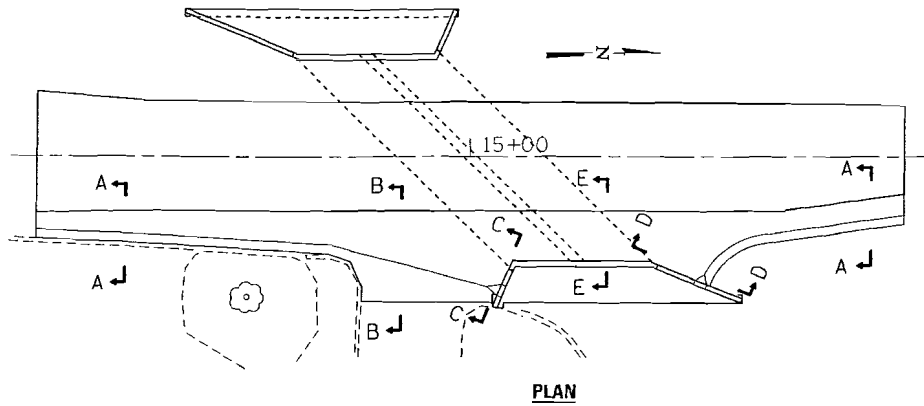
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

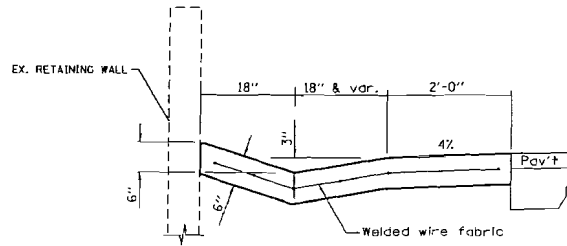
SHEET NO. 1 OF 1 SHEETS

Table with columns for F.A. R/E, SECTION, COUNTY, TOTAL SHEETS, and SHEET NO.

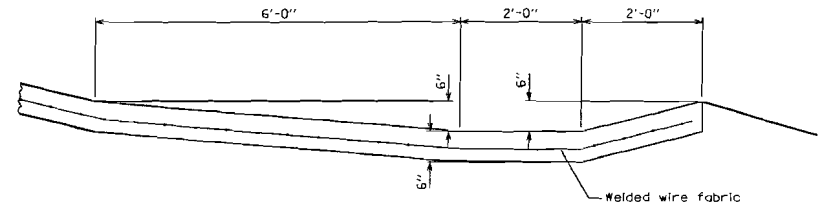
ILLINOIS FED. AID PROJECT



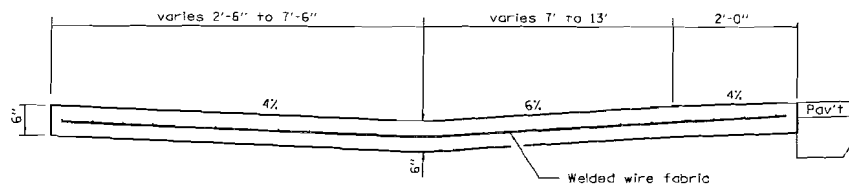
GUTTER SECTION C-C AT SOUTHEAST WINGWALL



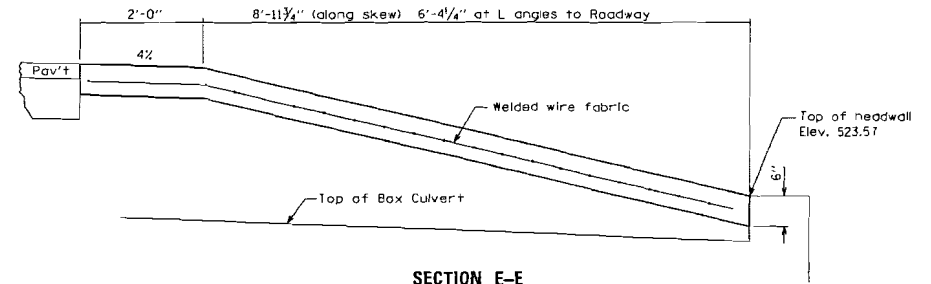
SECTION A-A



GUTTER SECTION D-D AT NORTHEAST WINGWALL



GUTTER SECTION B-B AT ENTRANCE STA. 14+90.0



SECTION E-E

CONCRETE GUTTER, TYPE A (SPECIAL)

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS	F.A. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
81-PE/EN/281/31/3158-81/31/31/3158	81-31/31/31/31/3158						N/A	PEORIA	11	11
MODEL NAME :	PLOT SCALE = 2.00" = 1'-0"	CHECKED :	REVISED :		SCALE: NTS					CONTRACT NO.
	PLOT DATE = 5/21/2014	DATE :	REVISED :		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT