

# CITY OF GALESBURG



## PURCHASING

55 West Tompkins Street  
Galesburg, IL 61401  
Phone: 309/345-3678

### INVITATION FOR BIDS

Reconstruction of N Seminary St.  
From just south of E Grove St to E Fremont St,  
known as Section #15-00501-27-PV  
for the City of Galesburg, Illinois

#### Instructions to Bidders

1. An advertisement for sealed bids on the above was published in the Galesburg Register-Mail on November 19, 2016. As stated in such notice, bids will be received until 11:00 a.m., local time, December 7, 2016, and, at that time, publicly opened and read aloud in the Basement Conference Room, located in City Hall. Bids received after 11:00 a.m. will be rejected.
2. The person, firm or corporation making a bid shall submit it in a sealed envelope to the Purchasing Agent or his duly designated representative on or before the hour and the day stated above. The notation "Bid on N Seminary St Reconstruction – Section 15-00501-27-PV" shall appear on the outside of the sealed envelope and shall include the name of the bidder. Bidder shall also clearly mark on the outside of the envelope: company name and address.
3. The bidder shall insert the cost, and supply all the information, as indicated on the Bid Form. The cost inserted shall be net and shall be the full cost for the work specified, including all factors whatsoever. No permits shall be waived or paid for by the City of Galesburg.
4. No charge will be allowed for taxes from which the City of Galesburg is exempt: the Illinois Retailer's Occupation Tax, the Service Occupation Tax, the Service Use Tax, the Use Tax, Federal Excise and Transportation Tax.
5. Each bidder shall affirm that no official or employee of the City of Galesburg is directly or indirectly interested in this bid for any reason of personal gain.

6. Contractors and any sub-contractors will be required to comply with all applicable provisions of the Davis-Bacon Act, as amended to date, including those affecting labor standards and prevailing wage rates and those prohibiting discrimination on the grounds of race, color, national origin and sex.
7. All bids shall be accompanied by a Bid Bond, Bank Cashier's Check, Certified Check or Bank Draft, payable to the City Treasurer of Galesburg for not less than five (5%) percent of the amount of each bid. The successful bidder shall be required to enter into a Performance Bond in a sum equal to the amount of his bid, and a Labor and Material Payment Bond.
8. Should the successful bidder fail to submit the required bonds, or enter into a contract with the City within fifteen (15) days after notification of award, said bidder will forfeit his check or bond to the City, not as a penalty, but as liquidated damages.
9. Insurance coverage shall be carried by the successful bidder per the attached Special Provisions sheet for Contractor's Insurance.
10. **TERMINATION FOR BREACH:** In the event that any of the provisions of the contract are violated by the Contractor or by any of his Subcontractors, the Owner may serve written notice upon the Contractor and the Surety of the intention to terminate such contract, such notice to contain the reasons for such termination intention, and unless within ten (10) days after serving of such notice upon the Contractor such violations shall cease and satisfactory arrangements for correction be made, the contract shall, upon expiration of said ten (10) days, cease and terminate. In the event of any such termination the Owner shall immediately serve notice thereof upon the Surety and the Contractor, and the Surety shall have the right to take over and perform the Contract, provided however, that if the Surety does not commence performance thereof within thirty (30) days from the date of the mailing to such Surety notice of termination, the Owner may take over the work and prosecute the same to completion by Contract for the amount and at the expense of the Contractor, and the Contractor and his Surety shall be liable to the Owner for any excess cost occasioned by the Owner thereby.
11. No bid may be changed or withdrawn after the time of the bid opening. Any modifications or withdrawals requested before this time shall be acceptable only when such request is made in writing and agreed to by the Purchasing Agent.
12. The City of Galesburg reserves the right to reject any and all bids and to waive any informalities or technicalities in the bidding. Any bid submitted will be binding for (60) sixty days after the date of the bid opening.

13. Successful bidder to whom an award shall be made pursuant to this procurement shall be subject to all applicable Federal and State laws and regulations, including but not limited to the Illinois acts commonly known as the Illinois Prevailing Wage Act (820 ILCS 130)
14. The submission of the proposal or bid by the Offeror in response to this Advertisement for Bid/Proposal constitutes an acknowledgement of and an agreement by the Offeror/Bidder that it understands and will comply with the Illinois Prevailing Wage Act and the Illinois Preference Act (30 ILCS 570). Certified payroll reports will be required for this work.
15. The City has adopted an "Equal Employment Opportunity Clause", which is incorporated into all specifications, purchase orders, and contracts, whereby a vendor agrees not to discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry. A copy of this clause may be obtained at the City Clerk's Office, City Hall, Galesburg, Illinois.
16. The City of Galesburg has adopted an Affirmative Action Program. All formal sealed bids must be accompanied by a properly prepared Certificate of Compliance form, whereby the vendor certifies the number of employees he has in each class of employment, and that affirmative action has been taken to ensure equality of opportunity in all aspects of employment.
17. Bidder certifies that all laws of the State of Illinois and ordinances of the City of Galesburg in effect at the date of the bid shall be observed by him. Evidence of any violation during the term of the agreement shall be considered sufficient reason to discontinue purchases by the City from that vendor.
18. Public Act 95-0635 requires that before any contractor or subcontractor begins work on ANY public works project that requires prevailing wages, they must have a written Substance Abuse Prevention Program on file with the contracting agency (City); or have a collective bargaining agreement in effect dealing with the subject matter.
19. All general bidding information, bid forms, conditions of the contract, and the form of agreement, between the City and the Contractor, shall be approved by Purchasing prior to advertising of public notice of the project.
20. The successful bidder is prohibited from assigning, transferring, conveying, subletting, or otherwise disposing of the contract to be signed or its rights, title or interest therein or its power to execute such Agreement to any other person, company or corporation without the previous consent and approval, in writing, by the City of Galesburg.

21. Bid must show the number of days required to complete services under normal conditions. Bids should also indicate an estimated start date and completion date.
  
22. The City requires that vendors be paid through ACH (automatic clearing house). The awarded vendor will be required to provide the City with applicable banking information for proper payment. An ACH form is attached to this document for vendor review.
  
23. These instructions are to be considered an integral part of any bid.

Dated: November 19, 2016

**Kraig D.  
Boynton**

Digitally signed by Kraig D.  
Boynton  
DN: cn=Kraig D. Boynton, o=City  
of Galesburg, ll, ou=Purchasing,  
email=kboynton@ci.galesburg.il  
us, c=US  
Date: 2016.11.16 14:12:48 -06'00'

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Kraig Boynton  
Purchasing Agent



Illinois Department of Transportation

Local Public Agency Formal Contract Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Knox  
City of Galesburg  
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. North Seminary Street  
 SECTION NO. 15-00501-27-PV  
 TYPES OF FUNDS Local

SPECIFICATIONS (required)

PLANS (required)

**For Municipal Projects**  
 Submitted/Approved/Passed  
  
 Mayor  President of Board of Trustees  Municipal Official  
 Date \_\_\_\_\_

**Department of Transportation**  
 Released for bid based on limited review  
 \_\_\_\_\_  
 Regional Engineer  
 Date \_\_\_\_\_

**For County and Road District Projects**  
 Submitted/Approved  
 \_\_\_\_\_  
 Highway Commissioner  
 Date \_\_\_\_\_  
 Submitted/Approved  
 \_\_\_\_\_  
 County Engineer/Superintendent of Highways  
 Date \_\_\_\_\_

**Note:** All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County Knox
Local Public Agency City of Galesburg
Section Number 15-00501-27-PV
Route Seminary Street

Sealed proposals for the improvement described below will be received at the office of Purchasing Agent, 55 W. Tompkins St, Galesburg, Illinois until 11:00 AM on December 7, 2016

Sealed proposals will be opened and read publicly at the office of Basement Conference Room, 55 W. Tompkins St, Galesburg, Illinois at 11:00 AM on December 7, 2016

DESCRIPTION OF WORK

Name North Seminary Street Reconstruction Length: 3429.00 feet ( 0.65 miles)
Location North Seminary Street from just south of East Grove Street to East Fremont Street
Proposed Improvement This project includes reconstruction of Seminary St. with 8" Concrete pavement and CCC&G TYB 6.18., new storm sewer pipe and inlets, sidewalk repairs, new driveway approaches and other related work.

1. Plans and proposal forms will be available in the office of the City Engineer or City website, 55 W. Tompkins, Galesburg, Illinois 61401. (No charge for 1 proposal set.)

2. [X] Prequalification
If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and one original with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
a. BLR 12200: Local Public Agency Formal Contract Proposal
b. BLR 12200a Schedule of Prices
c. BLR 12230: Proposal Bid Bond (if applicable)
d. BLR 12325: Apprenticeship or Training Program Certification (do not use for federally funded projects)
e. BLR 12326: Affidavit of Illinois Business Office

5. 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.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency 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.

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

RETURN WITH BID

PROPOSAL

County Knox  
Local Public Agency City of Galesburg  
Section Number 15-00501-27-PV  
Route Seminary Street

1. Proposal of \_\_\_\_\_

for the improvement of the above section by the construction of Seminary Street  
This project includes reconstruction of Seminary St. with 8" Concrete pavement and CCC&G  
TYB 6.18., new storm sewer pipe and inlets, sidewalk repairs, new driveway approaches and  
other related work.

a total distance of 3542.00 feet, of which a distance of 3429.00 feet, ( 0.065 miles) are to be improved.

2. The plans for the proposed work are those prepared by The City of Galesburg Engineering Department  
and approved by the Department of Transportation on \_\_\_\_\_

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as  
"Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special  
Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check  
Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within 85 working days or by \_\_\_\_\_  
unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and  
Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this  
proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the  
specifications, made payable to:

City of Galesburg Treasurer of \_\_\_\_\_

The amount of the check is 5% of the bid submitted ( \_\_\_\_\_ ).

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to  
the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check  
is placed in another proposal, it will be found in the proposal for: Section Number \_\_\_\_\_.

8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full  
amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this  
proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed  
that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the  
product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will  
be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this  
contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on  
BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid  
specified in the Schedule for Multiple Bids below.



County \_\_\_\_\_  
 Local Public Agency \_\_\_\_\_  
 Section \_\_\_\_\_  
 Route \_\_\_\_\_

**Schedule for Multiple Bids**

Combination Letter	Sections Included in Combinations	Total

**Schedule for Single Bid**

(For complete information covering these items, see plans and specifications)

Bidder's Proposal for making Entire Improvements
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Item No.	Items	Unit	Quantity	Unit Price	Total
20200100	EARTH EXCAVATION	LSUM	1		
20800150	TRENCH BACKFILL	CU YD	275		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	17236		
21101615	TOPSOIL, FURNISH AND PLACE, 4"	SQ YD	3650		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45		
25000600	POTAASSIUM FERTILIZER NUTRIENT	POUND	45		
25200100	SODDING	SQ YD	3650		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	151		
28000500	INLET AND PIPE PROTECTION	EACH	34		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12 INCH	SQ YD	17065		
35101582	AGGREGATE BASE COURSE, TYPE B, 2 INCH	SQ YD	917		
35102100	AGGREGATE BASE COURSE, TYPE B, 9 INCH	SQ YD	236		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	9		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	52		
40600275	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	310		
40600279	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	155		
40600990	TEMPORARY RAMP	SQ YD	611		
40603212	POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL 12.5, N50	TON	53		
40603535	POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX D, N50	TON	53		
42000301	PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINTED)	SQ YD	14833		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	790		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	117		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	6953		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	1866		
42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SQ FT	1202		
42400800	DETECTABLE WARNINGS	SQ FT	370		
44000100	PAVEMENT REMOVAL	SQ YD	13821		
44000161	HOT MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	455		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1417		
44000300	CURB REMOVAL	FT	4805		
44000500	COMBINATION CURB & GUTTER REMOVAL	FT	1029		
44000600	SIDEWALK REMOVAL	SQ FT	10592		
550A0340	STORM SEWER, CLASS A, TYPE 2, 12 INCH	FT	772		
550A0360	STORM SEWER, CLASS A, TYPE 2, 15 INCH	FT	34		
550A0380	STORM SEWER, CLASS A, TYPE 2, 18 INCH	FT	7		
55100300	STORM SEWER REMOVAL 8 INCH	FT	65		





**CONTRACTOR CERTIFICATIONS**

County Knox  
 Local Public Agency City of Galesburg  
 Section Number 15-00501-27-PV  
 Route Seminary Street

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, 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.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

SIGNATURES

County Knox  
Local Public Agency City of Galesburg  
Section Number 15-00501-27-PV  
Route Seminary Street

(If an individual)

Signature of Bidder \_\_\_\_\_

Business Address \_\_\_\_\_  
\_\_\_\_\_

(If a partnership)

Firm Name \_\_\_\_\_

Signed By \_\_\_\_\_

Business Address \_\_\_\_\_  
\_\_\_\_\_

Inset Names and Addressed of All Partners



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(If a corporation)

Corporate Name \_\_\_\_\_

Signed By \_\_\_\_\_

President

Business Address \_\_\_\_\_  
\_\_\_\_\_

Inset Names of Officers



President \_\_\_\_\_

Secretary \_\_\_\_\_

Treasurer \_\_\_\_\_

Attest: \_\_\_\_\_  
Secretary

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## **SPECIAL PROVISIONS**

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, Adopted April 1<sup>st</sup>, 2016, the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the “Standard Specifications for Water and Sewer Construction in Illinois,” and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of 15-00501-27-PV, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

### **DESCRIPTION OF WORK**

This work includes the reconstruction of Seminary Street, in which the pavement will be removed and replaced with PCC pavement. This project will also include driveway removal and replacement, sidewalk removal and replacement, curb and gutter removal and replacement, removing and installing drainage structures and pipes, HMA surface removal, PHMA binder and surface, epoxy pavement markings, grading, and landscaping.

### **PUBLIC COMPLAINTS**

All complaints to the Contractor or any of the subcontractors are to be reported in writing immediately to the City’s representative. This written report will include the name, address, and telephone number of the complainant, a detailed description of the complaint, and a detailed description of the actions taken.

The Contractor shall endeavor, with the cooperation and concurrence of the City, to communicate with abutting property owners affected by the work.

The Contractor shall respond to citizen complaints, concerns, or inquiries within 48 hours. The City will be given the results of the Contractor’s response and resolution of same in writing in a timely manner.

This work will not be paid for separately but shall be considered incidental to the contract and no additional compensation will be allowed.

### **PROJECT STAGING**

This section outlines project staging for PCC pavement. This outline must be followed unless prior approval is given by the Engineer.

This outline equally applies for storm sewer work. Seminary Street shall not be closed at any time, without prior approval of the Engineer. In order to stage the storm sewer work,

the contractor has the option of using steel plates and HMA ramps, or may propose an alternative method. Any method of staging storm sewer must be approved by the Engineer before being incorporated into the work. Cost of material, equipment and labor for steel plates and HMA ramps or an approved alternative shall be included in TRAFFIC CONTROL AND PROTECTION (SPECIAL) and no additional compensation allowed.

**The Contractor will not be allowed to park equipment or store material outside of the staged closure area, (in order to allow room for residents to park their vehicles) without prior approval from the Engineer.**

### **STAGE 1**

Stage one shall consist of removals and replacements on the east side of Seminary Street from Station 100+60 to 106+56. During this time two-way traffic will be maintained using the bidirectional turn lane for northbound traffic and the southbound lane for southbound traffic, as outlined in the plans. A minimum lane width of **10.0 feet** must be maintained at all times. Access is critical for emergency vehicles, delivery vehicles and trucks. At contractor's option, traffic may be restricted to one lane provided that proper traffic control devices and flaggers are provided. The maximum allowable closure for a driveway is 10 days when doing the roadwork, and 10 days when the Contractor is working on the driveway. All sidewalks shall be fully accessible on both sides of the street while driveways are inaccessible. All curb shall be backfilled prior to opening the roadway. Furthermore property owners and tenants shall be given written notice one week prior to driveway work beginning.

### **STAGE 2**

Stage two shall consist of removals and replacements on the west side of Seminary Street from Station 100+60 to 106+56. During this time two-way traffic will be maintained using the bidirectional turn lane for southbound traffic and the southbound lane for northbound traffic, as outlined in the plans. A minimum lane width of **10.0 feet** must be maintained at all times. Access is critical for emergency vehicles, delivery vehicles and trucks. At contractor's option, traffic may be restricted to one lane provided that proper traffic control devices and flaggers are provided. The maximum allowable closure for a driveway is 10 days when doing the roadwork, and 10 days when the Contractor is working on the driveway. All sidewalks shall be fully accessible on both sides of the street while driveways are inaccessible. All curb shall be backfilled prior to opening the roadway. Furthermore property owners and tenants shall be given written notice one week prior to driveway work beginning.

### **STAGE 3**

Stage three shall consist of removing and replacing the center bidirectional turn lane from Station 100+60 to 106+56. During this time two-way traffic will be maintained using the northbound and southbound lanes, as outlined in the plans. A minimum lane width of **10.0 feet** must be maintained at all times. Access is critical for emergency vehicles, delivery vehicles and trucks. At contractor's option, traffic may be restricted to one lane provided that proper traffic control devices and flaggers are provided.

**STAGE 4**

Stage four shall consist of removal and replacement curb, roadway, and sidewalks on Seminary Street from Station 107+30 to 112+50. During this time this section of roadway will be completely closed to all traffic and a detour route will be marked out, as outlined in the plans. At no time shall material or equipment block access at hospital private road. The temporary driveway on the private road shall be constructed at the beginning of this stage. All curb shall be backfilled prior to opening the roadway.

**STAGE 5**

Stage five shall consist of removal and replacement curb, roadway and sidewalks on Seminary Street from Station 112+50 to 120+28. During this time this section of roadway will be completely closed to all traffic and a detour route will be marked out, as outlined in the plans. All curb shall be backfilled prior to opening the roadway.

**STAGE 6**

Stage six shall consist of removal and replacement curb, roadway and sidewalks on Seminary Street from Station 120+28 to 127+27. During this time this section of roadway will be completely closed to all traffic and a detour route will be marked out, as outlined in the plans. All curb shall be backfilled prior to opening the roadway.

**STAGE 7**

Stage seven shall consist of removal and replacement curb, roadway and sidewalks on Seminary Street from Station 127+27 to 134+24. During this time this section of roadway up to station 133+55 will be completely closed to all traffic and a detour route will be marked out, as outlined in the plans. All curb shall be backfilled prior to opening the roadway.

All remaining work such as HMA, striping, landscaping and detector loops to be completed after stage 7.

All staging, required sequencing and other time frame considerations shall be considered incidental to construction and no additional compensation will be allowed.

**HOUSEKEEPING**

The jobsite shall be maintained with a neat and orderly appearance. The Contractor is to keep adjacent sidewalks and roadways clean from construction debris by sweeping or power washing on an as-needed basis or as determined by the Resident Engineer. Contractor will be responsible for mowing in terraces as needed or requested once construction begins for the duration of the project. All housekeeping work shall be considered included in the cost of contract and no other compensation will be allowed.



### **SAW CUTS**

Saw cuts shall be made for removal of ALL existing pavement, concrete curb and sidewalk as designated by the plans or as directed by the Resident Engineer in order to obtain a straight, smooth and uniform joint for matching proposed improvements. The cuts shall be FULL-DEPTH for ALL removals. The Resident Engineer will mark the locations of removals with paint and quantities will be measured to those points.

Should the Contractor fail to make the saw cuts prior to removal or otherwise extend removal beyond the marked saw cuts, a new saw cut shall be marked and additional removal and replacement quantities shall be made at the expense of the Contractor. The same shall also hold true when a good sawed edge is destroyed by subsequent vehicular traffic or careless use of construction equipment.

Saw cuts shall be included in the unit bid price per unit for the pay item that applies, and no additional compensation allowed.

### **TRAFFIC CONTROL AND PROTECTION (SPECIAL)**

Traffic control shall be in accordance with the applicable Sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these Special Provisions and Standards 701001, 701006, 701301, 701501, 701602, 701502, 701701, 701801, and 701901. Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications for Road and Bridge Construction.

At the preconstruction conference, the Contractor shall furnish the name of the individual in his direct employ who is to be responsible for the installation and maintenance of the traffic control for this project. This shall be included in a completed BSE 725 form.

All traffic control for closing entrances to businesses or parking lots will be included in this pay item and no other compensation will be allowed.

Bump signs will be required at all grade change locations during milling and paving operations.

All traffic control shall meet the requirements for retro reflectivity and working condition for the duration of the project. Any traffic control that does not meet retro reflectivity requirements or is in poor working condition shall be removed and replaced within 24 hours of notification in writing from the Resident Engineer or other City of Galesburg representative. Any failure to meet this requirement shall result in the application of a Traffic Control Deficiency.

**LIGHTS WILL BE REQUIRED ON ALL TRAFFIC CONTROL DEVICES USED DURING HOURS OF DARKNESS.**

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per LUMP SUM for TRAFFIC CONTROL AND PROTECTION (SPECIAL) and no additional compensation will be allowed.

### **CONSTRUCTION LAYOUT**

This work shall be in accordance with Check Sheet #10 of the Supplemental Specifications and Recurring Special Provisions.

The Contractor shall be responsible for establishing any controls during construction as needed for horizontal and vertical alignment. Stationing shall be laid out prior to any construction activities beginning at a minimum of 50 foot along centerline and edge of pavement to meet standard specification requirements.

This work shall include **ALL** layouts for the project, including all curb and gutter, pavement, drainage structures, sidewalk, driveway, and earth grades.

Any additional or re-staking that is required due to staging or contractor negligence shall not be paid for separately, but shall be included in the contract unit price bid for CONSTRUCTION LAYOUT and no other compensation allowed.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per LUMP SUM for CONSTRUCTION LAYOUT and no additional compensation will be allowed.

### **EARTH EXCAVATION**

This work shall be in accordance with the applicable portions of Section 220 of the Standard Specifications, and these Special Provisions.

All tree removal has been completed prior to construction and the City had made an attempt to remove all stumps to one foot below grade. There will be residual root systems from the removed trees that remain. These roots must be removed when exposed due to earth excavation activities. The removal of these roots shall be included in the contract unit bid price for EARTH EXCAVATION and no other compensation allowed.

The Contractor shall take care not to unnecessarily disturb any resident's existing landscaping around curb, sidewalk, or driveways. This includes but is not limited to bushes, plants, flowers, edging, mulch or the like. In the event that the landscaping must be removed to complete the work in this Contract, the City will notify the resident prior to construction activities beginning that might disturb the landscaping and allow the resident to relocate such items. Any landscaping that is disturbed unnecessarily or without notice will be the responsibility of the Contractor to repair or replace. This work shall be included in the contract bid price for EARTH EXCAVATION and no other compensation allowed.

The quantities shown on the plans for earth excavation are for information only.

**Contractor shall provide labor and equipment to obtain soil samples for a proctor. This proctor must be available for testing the subgrade prior to placing the aggregate subgrade improvement. The City will need at least one week from the time the samples are obtained for the proctor to be processed and results obtained. Samples being obtained as soon as Earth Excavation has begun will prevent any delays for the Contractor in regards to soil testing. This work is included in the contract unit price bid for EARTH EXCAVATION and no other compensation allowed.**

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per LUMP SUM for EARTH EXCAVATION and no additional compensation will be allowed.

### **BRICK SIDEWALK REMOVAL**

This work shall be in accordance with the applicable portions of Section 440 of the Standard Specifications, and these Special Provisions.

This work shall include removal of ALL existing brick sidewalk and shall include all variable depth bituminous or concrete surface repairs, vegetation, aggregate, and/or soil. The brick will become contractor's property after removal.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE FOOT for BRICK SIDEWALK REMOVAL and no additional compensation will be allowed.

### **SIDEWALK REMOVAL**

This work shall be in accordance with the applicable portions of Section 440 of the Standard Specifications, and these Special Provisions.

This work includes the full-depth removal of PCC sidewalk. All sidewalks shall be saw-cut at the marked removal locations to ensure the adjacent sidewalk to remain is not disturbed. Any sidewalk disturbed past the marked removal location shall be removed and replaced by the Contractor at his or her own expense.

Some of the sidewalk to be removed and replaced on this project has an existing curb wall and or driveway abutting the sidewalk at the ROW line. The Contractor shall take every precaution necessary not to disturb this curb wall and or driveway during his removal operation. If necessary, the Contractor shall sawcut the joint between the sidewalk and the curb wall/driveway. It shall be the Contractor's responsibility to discuss sections of curb wall with the Resident Engineer prior to removal, and to make sure the Engineer is present during removal. Any curbwall or driveway that is damaged that is not scheduled to be removed per Plans will be replaced at the Contractor's expense.

The removal of concrete stairs connected to sidewalk will be included in this pay item, measured per plan detail, and paid for at the contract unit price bid per SQUARE FOOT for SIDEWALK REMOVAL.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE FOOT for SIDEWALK REMOVAL and no additional compensation will be allowed.

**HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"**

This work shall be done in accordance with Section 440 of the Standard Specifications for Road and Bridge Construction.

This pay item includes the milling of the pavement as indicated in the plans including milling of any adjacent overlaid concrete gutter pan.

Thickness may vary, and any asphalt material that becomes loose after milling operations shall be removed at the contractor's expense.

All labor, equipment, and materials required in order to complete this work shall be paid for at the contract unit price bid per SQUARE YARD for HOT MIX ASPHALT SURFACE REMOVAL, 3.0" and no additional compensation will be allowed.

**HOT MIX ASPHALT DRIVEWAY PAVEMENT, 3 INCH**

This work shall be done in accordance with Section 406 of the Standard Specifications for Road and Bridge Construction.

The Contractor will be allowed at their option to place this material in one lift. All mix shall be meet requirements for PHMA Surface Course as noted in HMA Mix Design provided in plans.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE YARD for HOT MIX ASPHALT DRIVEWAY PAVEMENT, 3" and no additional compensation will be allowed.

**PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH**

This work shall be completed in accordance with the applicable portions of Section 423 of the Standard Specifications for Road and Bridge Construction, and these Special Provisions.

The nominal proposed driveway thickness is six (6) inches.

A minimum of ½” thick expansion material shall be used on all proposed driveways at the adjoining existing or proposed concrete curb. After construction of the drive is complete, the top 3/8” of the joint shall be cleaned of debris and expansion material then filled with a polyurethane sealant for exterior use that meets or exceeds requirements of ASTM C 920, Type S Grade P Class 25.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQYD for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6” and no additional compensation will be allowed.

### **PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH**

This work shall be completed in accordance with the applicable portions of Section 423 of the Standard Specifications for Road and Bridge Construction, and these Special Provisions.

The nominal proposed driveway thickness is eight (8) inches.

A minimum of ½” thick expansion material shall be used on all proposed driveways at the existing or proposed concrete sidewalks and curb. After construction of the drive is complete, the top 3/8” of the joint shall be cleaned of debris and expansion material then filled with a polyurethane sealant for exterior use that meets or exceeds requirements of ASTM C 920, Type S Grade P Class 25.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQYD for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8” and no additional compensation will be allowed.

### **COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18**

This work shall be in accordance with the applicable portions of Section 606 of the Standard Specifications, IDOT Standard 606001, and these Special Provisions.

The CCC&G shall be constructed with a minimum flag thickness of 8.0”. The contractor shall use a face form for the face of the curb on all hand formed curb. This form shall be placed with the one inch batter detailed in the combination curb and gutter standard. Full depth forms will be required on back of all curb.

After construction of the curb, driveways and sidewalk is complete, the top 3/8” of the joint between the curb, driveways, and sidewalk shall be cleaned of debris and expansion material then filled with a polyurethane sealant for exterior use that meets or exceeds requirements of ASTM C 920, Type S Grade P, Class 25.

All curb and gutter grades shall be approved by the Resident Engineer before placement.

All labor, equipment, and material necessary to complete this work and/or to repair pavement areas damaged during construction shall be paid for at the contract unit price bid per FOOT for COMBINATION CONCRETE CURB & GUTTER, TY B-6.18 and no additional compensation will be allowed.

### **CURB WALL REMOVAL**

This work shall be in accordance with the applicable portions of Section 440 of the Standard Specifications for Road and Bridge Construction and these Special Provisions.

This pay item includes the removal of existing CURB WALL along the back edge of the sidewalk and along driveways at the locations shown in the plans.

This work includes the full-depth removal of PCC curb wall. All curb wall shall be saw-cut at the marked removal locations to ensure the adjacent curb wall to remain is not disturbed. Any curb wall disturbed past the marked removal location shall be removed and replaced by the Contractor at his or her own expense.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per FOOT for CURB WALL REMOVAL and no additional compensation will be allowed.

### **CURB WALL (SPECIAL)**

This work shall be in accordance with the applicable portions of Section 424 of the Standard Specifications for Road and Bridge Construction, the detail shown in the plans, and these Special Provisions.

This pay item shall be for the installation of monolithically poured CURB WALL along the back edge of the sidewalk and along driveways at the locations shown in the plans. Reinforcement shall be required as noted in plan detail based on the height of wall.

This work will be measured for payment on the vertical exposed face above the adjacent sidewalk per plan detail.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE FOOT for CURB WALL SPECIAL and no additional compensation will be allowed.

### **PORTLAND CEMENT CONCRETE SIDEWALK: 4", 6", & 8"**

This work shall be in accordance with the applicable portions of Section 424 of the Standard Specifications for Road and Bridge Construction, and these Special Provisions.

**Prior to construction but during the design process, the City Water Department relocated the water main within the project construction limits from Bickerdyke**

**Bridge North to Fremont Street. As a result of the on- going work during the design phase, there is the possibility for minor field changes to sidewalk work as it is shown in the Plans.**

*PORTLAND CEMENT CONCRETE SIDEWALK 4"*: The nominal proposed sidewalk thickness is four (4) inch. (All curb at ADA Ramps will be included in sidewalk quantities)

*PORTLAND CEMENT CONCRETE SIDEWALK 6"*: The nominal proposed sidewalk thickness is six (6) inch.

*PORTLAND CEMENT CONCRETE SIDEWALK 8"*: The nominal proposed sidewalk thickness is eight (8) inch. (All curb at ADA Ramps will be included in sidewalk quantities)

THE CONTRACTOR SHALL PUT FORTH EFFORT TO ENSURE AS MUCH SIDEWALK CONFORMS TO ADA CROSS-SLOPE AND LONGITUDINAL SLOPE RESTRICTIONS OF 2% AND 5%, MAX, RESPECTIVELY. ALL PCC SIDEWALK IN NON-TRANSITION AREAS FAILING TO ADHERE TO THESE SLOPE RESTRICTIONS WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

Expansion material shall be used when the proposed sidewalk abuts existing or proposed concrete curb, and every 100 feet in areas over 100 feet in length for replacement. After construction of the sidewalk and curb is complete, the top 3/8" of the joint at back of curb shall be cleaned of debris and expansion material then filled with a polyurethane sealant for exterior use that meets or exceeds requirements of ASTM C 920, Type S Grade P Class 25.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQ FT for PORTLAND CEMENT CONCRETE SIDEWALK: 4", 6", or 8" and no additional compensation will be allowed.

**PORTLAND CEMENT CONCRETE SIDEWALK: 4", 6", & 8", (Special)**

This work shall be in accordance with the applicable portions of Section 424 of the Standard Specifications for Road and Bridge Construction, and these Special Provisions.

This work consists of removing existing aggregate that has been placed when the existing sidewalk was removed to install the City's new water main, grading for new PCC sidewalk, and the placement of 4 inch, 6 inch, or 8 inch PCC sidewalk as directed in the Plans.

**If the removed aggregate is clean and acceptable to the Engineer, the Contractor will be allowed to salvage the removed material for the AGGREGATE BASE COURSE, TY B, 2 INCH (SPECIAL). If the removed aggregate is not acceptable to**

**the Engineer, the Contractor must remove the material in accordance with the applicable portions of Section 440 of the Standard Specifications. In the event that the aggregate must be removed and not salvaged, this work shall be considered included in the contract unit price bid for PCC Sidewalk (SPECIAL) Pay Items and no additional compensation will be allowed.**

PORTLAND CEMENT CONCRETE SIDEWALK 4", (Special): The nominal proposed sidewalk thickness is four (4) inch. (All curb at ADA Ramps will be included in sidewalk quantities)

PORTLAND CEMENT CONCRETE SIDEWALK 6", (Special): The nominal proposed sidewalk thickness is six (6) inch.

PORTLAND CEMENT CONCRETE SIDEWALK 8"(Special): The nominal proposed sidewalk thickness is eight (8) inch. (All curb at ADA Ramps will be included in sidewalk quantities)

THE CONTRACTOR SHALL PUT FORTH EFFORT TO ENSURE AS MUCH SIDEWALK CONFORMS TO ADA CROSS-SLOPE AND LONGITUDINAL SLOPE RESTRICTIONS OF 2% AND 5%, MAX, RESPECTIVELY. ALL PCC SIDEWALK IN NON-TRANSITION AREAS FAILING TO ADHERE TO THESE SLOPE RESTRICTIONS WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

Expansion material shall be used when the proposed sidewalk abuts existing or proposed concrete curb, and every 100 feet in areas over 100 feet in length for replacement. After construction of the sidewalk and curb is complete, the top 3/8" of the joint at back of curb shall be cleaned of debris and expansion material then filled with a polyurethane sealant for exterior use that meets or exceeds requirements of ASTM C 920, Type S Grade P Class 25.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQ FT for PORTLAND CEMENT CONCRETE SIDEWALK: 4", 6", or 8" (Special) and no additional compensation will be allowed.

### **BRICK SIDEWALK , REMOVE AND RELAY**

In the event that proposed PCC Sidewalk has existing brick sidewalk abutting up to it, the Contractor shall pour the new PCC Sidewalk to the proposed grades and dimensions per Plan and the abutting brick sidewalk shall be removed for a length of 5 feet and full-width and re-laid to match the new PCC Sidewalk. Any adjustment needed to raise the brick sidewalk shall be done by adding sand. Any adjustment needed to lower the grade of the brick sidewalk shall include excavating an additional inch in depth to add a nominal one inch sand layer prior to re- laying the bricks to grade.



All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE FOOT for BRICK SIDEWALK , REMOVE AND RELAY and no additional compensation will be allowed.

**AGGREGATE BASE COURSE, TYPE B: 2", 2" SPECIAL, AND 9"**

This work shall be done in accordance with the applicable portions of Section 351 of the Standard Specifications for Road and Bridge Construction.

*AGGREGATE BASE COURSE, TYPE B 2"* pay item shall be for the aggregate to be placed under the PCC DRIVEWAY PAVEMENT, 6" with a minimum compacted thickness of two (2) inches. The aggregate shall be compacted with an approved steel plate compactor of sufficient width and size.

*AGGREGATE BASE COURSE, TYPE B 2" SPECIAL* pay item shall be for the aggregate to be placed under all PCC SIDEWALK pay items with a minimum compacted thickness of two (2) inches. The aggregate shall be compacted with an approved steel plate compactor of sufficient width and size.

*AGGREGATE BASE COURSE, TYPE B 9"* pay item shall be for the aggregate to be placed under all HMA with a minimum compacted thickness of nine (9) inches.

All aggregate base course pay items shall be compacted to the satisfaction of the engineer.

All labor, equipment, and materials required in order to complete this work shall be paid for at the contract unit price bid per SQ FT for AGGREGATE BASE COURSE, TYPE B 2", SPECIAL or per SQYD for AGGREGATE BASE COURSE, TYPE B, 2", AND 9" and no additional compensation will be allowed.

**DETECTABLE WARNINGS**

Note some areas of proposed PCC SIDEWALK 8" include ADA ramps for the disabled, following Highway Standards 424001, 424006, 424011, 424016, 424021, 424026, 424031 and in accordance with Article 424.09 of the Standard Specifications.

The Contractor shall install an inserted truncated dome panel, colored red, of the size specified in the plans which meets the requirements of the Proposed Final Rule for PROWAG and Art. 424.09 for the dimensions of the insert and the dimensions of the truncated domes.

The insert shall be cast in place, while the concrete is in a plastic state. Installation shall be done according to manufacturer's guidelines. Any defects in installation shall be repaired with no additional compensation.

The insert, with detectable warning domes, and all labor required for installation of the insert shall be included in the contract unit price bid per SQUARE FOOT for DETECTABLE WARNINGS, and no additional compensation shall be allowed.

**POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) & (TACK COAT)**

This work shall be done in accordance with Article 406.05(b) in the Standard Specifications for Road and Bridge Construction.

Bituminous Materials shall be a polymerized material applied at a residual rate of .05 LB/SQ. YD for PRIME COAT and .025 LB/SQ. YD. for TACK COAT.

In addition to the Standard Specifications limitations, priming operations shall be limited to an area that can be paved the same day. Any changes/modifications can be made with the approval of the RE.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per POUNDS for POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) or POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) and no additional compensation will be allowed.

**POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50**

This work shall be done in accordance with Section 406 of the Standard Specifications for Road and Bridge Construction and all special provisions included in this project. Density shall meet IDOT Specifications.

The Contractor shall be responsible for cutting cores for the Local Agency's Quality Assurance testing.

HMA placement on side streets may be delayed to be completed at one time, however the Contractor shall provide temporary pavement or ramps as required to maintain safe travel and shall be responsible for maintaining until HMA work is completed.

The contractor shall be responsible for maintaining drainage, and after HMA placement any additional labor, equipment, material, etc. to resolve drainage issues shall be at the contractor's expense.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per TON for POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 and no additional compensation will be allowed.

**POLYMER HMA BINDER COURSE, IL-9.5, N50**

This work shall be done in accordance with Section 406 of the Standard Specifications for Road and Bridge Construction and all special provisions included in the project. Density shall meet IDOT Specifications.

HMA placement on side streets may be delayed to be completed at one time, however the Contractor shall provide temporary pavement or ramps as required to maintain safe travel and shall be responsible for maintaining until HMA work is completed.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per TON for POLYMER HMA BINDER COURSE, IL-9.5, N50 and no additional compensation will be allowed.

**PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH (JOINTED)**

This work shall be completed in accordance with the applicable portions of Section 420 with the Final Finish being of Type B as specified in Article 420.09 of the Standard Specifications for Road and Bridge Construction, and these Special Provisions. This Pavement shall be classified as Low-Speed Mainline Pavement.

This pay item shall include No. 6 epoxy-coated tie bars 30" long at 24" centers. This rebar will not be paid for separately but shall be included in the unit bid price for PCC pavement 8" Jointed.

The Contractor will be responsible for saw cutting the Pavement at all location shown on the Jointing Sheets of the Plans . The Contractor shall crack seal all saw cuts such that excessive material is not left on the Pavement surface. All crack seal shall be completed prior to opening the road to traffic for each stage of constructions. The Contractor must complete all Pavement testing as specified in Section 420 of the Standard Specifications for Road and Bridge Construction prior to crack sealing the pavement for each stage of construction.

The Contractor will be required to place mainline pavement in Stages 4,5,6, and 7 (from Losey Street to Fremont Street) using a Bidwell or Paver. The City will allow the use of a vibratory or roller screed on the mainline pavement of Stages 1,2, and/or 3 due to the narrow width of pavement being placed in these stages. A paving plan must be presented to the Engineer at the Construction Pre- Conference Meeting for approval. Any proposed changes to staging will require a resubmission of the Contractor's paving plan.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE YARD for PORTLAND CEMENT CONCRETE PAVEMENT 7 INCH- and no additional compensation will be allowed.

**REMOVING MANHOLES & INLETS**

This work shall be done in accordance with Section 605 of the Standard Specifications for Road and Bridge Construction and all special provisions included in the project.

This work includes the complete removal of manholes or inlets, the disposal of the structures and any excess excavated material, and the filling existing manholes or inlets.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for REMOVING MANHOLES and REMOVING INLETS and no additional compensation will be allowed.

**STORM SEWER REMOVAL 8", 10", 12", 18", 21", AND 24"**

This work shall be done in accordance with Section 551 of the Standard Specifications for Road and Bridge Construction and all special provisions included in the project.

This work includes the removal of storm sewer pipe 8", 10", 12", 18", 21", or 24", the disposal of the pipe and any excess excavated material, and the filling of the existing trench.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per FOOT for STORM SEWER REMOVAL 8", 10", 12", 18", 21", or 24", and no additional compensation will be allowed.

**MANHOLES TO BE ADJUSTED**

This work shall be done in accordance with Section 602 of the Standard Specifications, these Special Provisions, and Highway Standard 420111.

This work includes adjusting utility manholes that are in the roadway. If during construction the Engineer deems a sanitary manhole's frame and/or lid is not in an acceptable condition, the Contractor may swap out the assembly for an acceptable assembly from the City of Galesburg Sanitary District.

**SPECIAL CARE SHALL BE TAKEN DURING CONSTRUCTION TO ENSURE NO DAMAGE OCCURS TO THE EXISTING MANHOLE STRUCTURE. ANY REPAIRS NECESSARY DUE TO CONSTRUCTION ACTIVITIES SHALL BE AT THE CONTRACTOR'S EXPENSE.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for MANHOLES TO BE ADJUSTED and no additional compensation will be allowed.

**MANHOLE, TYPE A, 4' DIA, TY 1 FRAME, CLOSED LID**

This work shall be done in accordance with Section 602 of the Standard Specifications, these Special Provisions, and Highway Standard 420111. The manhole shall be a PRECAST REINFORCED MANHOLE as listed in Article 1042.10 of the Standard Specifications.

**All concrete collars and fillets shall not be paid for separately, but will be considered included in the contract unit price bid for structure of the type and size specified.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for MANHOLES, TYPE A, 4' DIA, TYPE 1 FRAME, CLOSED LID and no additional compensation will be allowed.

**INLETS, TYPE G-1 & INLETS, TYPE G-1, SPECIAL**

This work shall consist of furnishing all labor, equipment, and material for the construction of Type G-1 and Type G-1, Special inlets and Combination Concrete Curb and Gutter in accordance with Sections 602 and 606 of the Standard Specifications and the details in the plans.

**All concrete collars and fillets shall not be paid for separately, but will be considered included in the contract unit price bid for structure of the type and size specified.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for INLETS, TYPE G-1, SPECIAL and no additional compensation will be allowed.

**INLETS, TYPE A, WITH NEW TY 3 FRAME AND GRATE**

This work shall be in accordance with the applicable portions of Section 602 of the Standard Specifications, and these Special Provisions. The inlet shall be PRECAST REINFORCED CONCRETE INLET as listed in Article 1042.10 of the Standard Specifications.

**All concrete collars and fillets shall not be paid for separately, but will be considered included in the contract unit price bid for structure of the type and size specified.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for INLETS, TYPE A, WITH NEW TYPE 3 FRAME AND GRATE and no additional compensation will be allowed.

**INLETS, TYPE A, WITH NEW TY 9 FRAME AND GRATE**

This work shall be in accordance with the applicable portions of Section 602 of the Standard Specifications, and these Special Provisions. The inlet shall be PRECAST REINFORCED CONCRETE INLET as listed in Article 1042.10 of the Standard Specifications.

**All concrete collars and fillets shall not be paid for separately, but will be considered included in the contract unit price bid for structure of the type and size specified.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for INLETS, TYPE A, WITH NEW TYPE 9 FRAME AND GRATE and no additional compensation will be allowed.

**INLETS, TYPE B, WITH NEW TY 3 FRAME AND GRATE**

This work shall be in accordance with the applicable portions of Section 602 of the Standard Specifications, and these Special Provisions. The inlet shall be PRECAST REINFORCED CONCRETE INLET as listed in Article 1042.10 of the Standard Specifications.

**All concrete collars and fillets shall not be paid for separately, but will be considered included in the contract unit price bid for structure of the type and size specified.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for INLETS, TYPE B, WITH NEW TYPE 3 FRAME AND GRATE and no additional compensation will be allowed.

**INLETS, TYPE B, WITH NEW TY 9 FRAME AND GRATE**

This work shall be in accordance with the applicable portions of Section 602 of the Standard Specifications, and these Special Provisions. The inlet shall be PRECAST REINFORCED CONCRETE INLET as listed in Article 1042.10 of the Standard Specifications.

**All concrete collars and fillets shall not be paid for separately, but will be considered included in the contract unit price bid for structure of the type and size specified.**

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per EACH for INLETS, TYPE B, WITH NEW TYPE 9 FRAME AND GRATE and no additional compensation will be allowed.

**STORM SEWER, TYPE 2, WATERMAIN QUALITY PIPE, 12”**

This work shall be in accordance with the applicable portions of Section 550 & 561 of the Standard Specifications, Section 40-2.03 of the Standard Specifications for Water and Sewer Main Construction in Illinois and these Special Provisions. The pipe used shall be water main quality C-900 POLYVINYL CHLORIDE.

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per FOOT for STORM SEWER, TYPE 2, WATERMAIN QUALITY PIPE, 12 INCH and no additional compensation will be allowed.

**TRENCH BACKFILL**

This work shall be in accordance with Section 208 of the Standard Specifications, and these Special Provisions.

This pay item shall also include the disposal of the surplus excavated material which is replaced by trench backfill. All excavation necessary to complete the storm sewer work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All trench backfill shall be from the IL DOT list of approved producers/suppliers, a Controlled Low Strength Material (CLSM) mix design, and shall be allowed to dry for a minimum of one day prior to the placement of geotechnical fabric and aggregate base course materials. This work shall be performed according with Section 503 of the Standard Specifications. Any temporary materials, equipment, and labor necessary to

maintain safe open lanes of traffic due to proposed or revised staging shall be at the contractor's expense and no additional compensation will be allowed.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per CUBIC YARD for TRENCH BACKFILL and no additional compensation will be allowed.

**DETECTOR LOOPS, TY 1**

This work shall be done in accordance with the applicable portions of Sections 886 of the Standard Specifications for Road and Bridge Construction.

This item includes the furnishing of a Type I detector loop and any other collateral material, including lead-in cable, installation of said material, and all connection work required to produce a fully functioning detector loop that operates correctly with the existing traffic signal system.

The detector Loops located at the intersection of Losey and Seminary shall not be installed until all roadway work in Stages 1, 2, 3, and 4 is completed.

Any material and any work required to connect the newly installed detector loop to the existing wiring and/or controller shall be considered included in the unit price of this item, and no additional compensation shall be allowed.

All labor, equipment, and material necessary to complete this work shall be paid for at the contract unit price bid per FOOT for DETECTOR LOOPS, TY 1 and no additional compensation will be allowed.

**TEMPORARY RAMP SPECIAL**

This work shall be done in accordance with the applicable portions of Section 406 of the Standard Specifications for Road and Bridge Construction.

This work will be completed at the hospital delivery road for temporary access. This will consist of 2 ramps 34' long by 5' wide.

All maintenance and removals shall be included in the cost of this pay item.

Temporary Ramp Special may consist of cold mix asphalt (UPM Brand ONLY) or a HOT MIX ASPHALT as described in the Standard Specifications and will vary in thickness.

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE YARD for TEMPORARY RAMP SPECIAL and no additional compensation will be allowed



**TEMPORARY RAMP**

This work shall be done in accordance with the applicable portions of Section 406 of the Standard Specifications for Road and Bridge Construction.

Temporary Ramps shall be installed at each of the following intersections: Greenleaf Street, Mary Street, Dudley Street East, Johnston Street, and Fremont Street. Ramps for intersections shall be a standard 5' in length with one application prior to installing each of the two lifts of HMA with the exception of Fremont Street. Fremont Street will have 10' long tapers placed prior to the first lift of HMA and a 5' long taper prior to the second lift of HMA. Fremont shall have tapers placed as mentioned at all four legs of the intersection.

Temporary Ramp may consist of cold mix asphalt (UPM Brand ONLY) or a HOT MIX ASPHALT as described in the Standard Specifications.

The bituminous mixture used to provide temporary tapers shall remain in place until the day surfacing operations are undertaken within the immediate area of the taper or structure. Prior to placing the surface course, the temporary bituminous mixture shall be removed and disposed of by the Contractor as specified in Article 202.03 of the Standard Specifications for Road and Bridge Construction.

All labor, equipment and material necessary to complete this work shall be paid for at the contract unit price bid per SQUARE YARD for TEMPORARY RAMP and no additional compensation will be allowed.

**AGGREGATE FOR TEMPORARY ACCESS**

This work shall be done in accordance with the applicable portions of Section 402 of the Standard Specifications for Road and Bridge Construction.

This work will be completed two locations:

- Location 1) Sta. 113+06 LT (Hospital Delivery Road) will consist of one area 34' long by 12' wide
- Location 2) Sta. 132+82 RT (1179 N Seminary) will consist of one area 10' long by 40' wide.

All maintenance and removal of the aggregate shall be included in the cost of this pay item. Once the need for this temporary access no longer exists and the material can be removed, if the material is acceptable to the Engineer, it may be re-used elsewhere for an approved aggregate pay item. If the material is not salvaged for re-use, it shall be disposed of by the Contractor as specified in Article 202.03 of the Standard Specifications for Road and Bridge Construction.

All excavation necessary to complete this work is included in the EARTH EXCAVATION pay item and is not included in this pay item.

All labor, equipment and material necessary to complete this work shall be paid for at the contract unit price bid per TON for AGGREGATE FOR TEMPORARY ACCESS and no additional compensation will be allowed.

**TOPSOIL, FURNISH AND PLACE, 4 INCH**

This work shall be done in accordance with Section 211.04 of the Standard Specifications for Road and Bridge Construction.

The work under this item shall include furnishing and placing four (4) inches of topsoil to straight grade from walk to back of curb. Earth excavation for to bring subgrade to proper grade is included in the EARTH EXCAVATION pay item and no additional compensation will be allowed. All backfill and initial grading operations shall be approved by the RE prior to placement of topsoil. All final grading shall be included in this pay item and no other compensation allowed.

The contract quantities cover the areas as given in the schedule and as shown in plans. Any additional areas disturbed by materials or equipment due to construction or neglect by the Contractor shall be repaired, seeded, and blanketed by the Contractor at his own expense. All topsoil shall come from an approved source and shall require all necessary IDOT paperwork, review and approval.

This pay item shall include all labor, equipment, and material necessary to complete this work and shall be paid for at the contract unit price bid per SQUARE YARD for TOPSOIL, FURNISH AND PLACE, 4 INCH and no additional compensation will be allowed

**LABOR AND MATERIAL PAYMENT**

The Contractor shall not commence work under this contract until he or she has obtained a Labor and Material Payment Bond, which has been approved by the City, nor shall the Contractor allow any subcontractor to commence work on his subcontract until subcontractor has a similar bond or the Contractor's bond covers the subcontractor's Labor and Material payment.

**PREVAILING WAGE**

Not less than the Prevailing Rate of Wages as found by the City of Galesburg, or the department of labor, or determined by the Court of Review, shall be paid to all Laborers, Workmen, and Mechanics performing work under this contract.

**CERTIFIED PAYROLL & EEO REPORTS**

All work is subject to the Davis-Bacon Act and all prevailing wage laws. The Contractor and all subcontractors shall submit certified copies of payroll weekly for all work undertaken on the project. Failure to keep current on submittal of payroll and EEO reports shall be cause to withhold payment of completed work.

**PROOF OF INSURANCE**

The Contractor shall carry insurance as required by the Standard Provisions of Road and Bridge Construction. Proof of insurance coverage shall be submitted to the City and shall be kept in force until all work to be performed under the terms of the contract has been accepted.

**LABOR AND MATERIAL PAYMENT**

The Contractor shall not commence work under this contract until he has obtained a Labor and Material Payment Bond, which has been approved by the City, nor shall the Contractor allow any subcontractor to commence work on his subcontract until subcontractor has a similar bond or the Contractor's bond covers the subcontractor's Labor and Material Payment.

**PCC QC/QA ELECTRONIC REPORT SUBMITTAL**

The Contractor's QC personnel shall be responsible for electronically submitting PRO and IND MI 654 Air, Slump, Quantity and PRO MI 655 Strength reports to the City. These forms are available on the Illinois Department of Transportation website and must be submitted in a timely matter via email to the Engineer. Microsoft Office 2007 or newer is required and must be provided by the Contractor to access these forms.

**NOTIFICATION OF UTILITIES**

Utilities that may require adjustment as a result of the proposed construction are shown on the plans. The following utility companies have each been given a set of plans and are aware of utility conflicts that must be eliminated or adjusted.

<u>UTILITY</u>	<u>CONFLICT</u>
Ameren IP 1824 Knox Highway 9. Galesburg, IL 61401 (309) 345-5170	<input type="checkbox"/> Overhead Lines <input type="checkbox"/> Underground Services <input type="checkbox"/> Valves and Vents <input type="checkbox"/> Buried Electric Cable <input type="checkbox"/> Guy Wires <input type="checkbox"/> Poles
Galesburg Water Division 920 W. Main St. Galesburg, IL 61401 (309) 345-3649	<input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Curb Boxes <input type="checkbox"/> Services <input type="checkbox"/> Mains <input type="checkbox"/> Manholes <input type="checkbox"/> Hydrants
Comcast Communications 533 N. Henderson St. Galesburg, IL 61401 (309) 344-7863	<input type="checkbox"/> Overhead Lines <input type="checkbox"/> Underground Cables <input type="checkbox"/> Poles
CenturyLink 2296 N. Henderson St. Galesburg, IL 61401 (309) 343-1115	<input type="checkbox"/> Overhead Lines <input checked="" type="checkbox"/> Buried Cable or Conduit <input checked="" type="checkbox"/> Junction Box <input type="checkbox"/> Poles
Galesburg Sanitary District 2700 W. Main St. Galesburg, IL 61401 (309) 342-0131	<input checked="" type="checkbox"/> Manholes <input type="checkbox"/> Mains <input type="checkbox"/> Services

Those adjustments, which can be completed prior to construction, shall be done so. Adjustments of manhole lids and valve boxes shall be completed during construction. Each utility company is responsible for its respective adjustments or relocations. The utility locations shown on the plans represent the best information available at the time the plans were drawn. The contractor shall be responsible for notifying the various utility companies for exact field locations prior to construction and shall also be responsible for coordinating utility adjustments throughout construction.

## Check Sheet for Recurring Special Provisions

Adopted January 1, 2017

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

### Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	26
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	29
3	<input type="checkbox"/> EEO	30
4	<input checked="" type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	40
5	<input type="checkbox"/> Required Provisions - State Contracts	45
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	51
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal	52
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	53
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	54
10	<input checked="" type="checkbox"/> Construction Layout Stakes	57
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	60
12	<input type="checkbox"/> Subsealing of Concrete Pavements	62
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	66
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	68
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	69
16	<input type="checkbox"/> Polymer Concrete	70
17	<input type="checkbox"/> PVC Pipeliner	72
18	<input type="checkbox"/> Bicycle Racks	73
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	75
20	<input type="checkbox"/> Work Zone Public Information Signs	77
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	78
22	<input type="checkbox"/> English Substitution of Metric Bolts	79
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	80
24	<input checked="" type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	81
25	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	89
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	105
27	<input type="checkbox"/> Reserved	107
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment	108
29	<input type="checkbox"/> Preventive Maintenance - Cape Seal	114
30	<input type="checkbox"/> Preventive Maintenance - Micro-Surfacing	129
31	<input type="checkbox"/> Preventive Maintenance - Slurry Seal	140
32	<input type="checkbox"/> Temporary Raised Pavement Markers	149
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	150
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	153

**Check Sheet for  
Local Roads and Streets Recurring Special Provisions**

Adopted January 1, 2017

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	<b>Reserved</b>	158
LRS 2	<input type="checkbox"/> Furnished Excavation	159
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	160
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	161
LRS 5	<input checked="" type="checkbox"/> Contract Claims	162
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	163
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	169
LRS 8	<b>Reserved</b>	175
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	176
LRS 10	<b>Reserved</b>	177
LRS 11	<input checked="" type="checkbox"/> Employment Practices	150
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	152
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	154
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	155
LRS 15	<input checked="" type="checkbox"/> Partial Payments	158
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	159
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	160
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	161

BDE SPECIAL PROVISIONS  
For the January 20 and March 10, 2017 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</u> <u>Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80099	1	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80274	2	✓ Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192	3	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	4	Bituminous Materials Cost Adjustments	Nov. 2, 2006	July 1, 2015
80241	5	Bridge Demolition Debris	July 1, 2009	
50261	6	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	7	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	8	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	9	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80366	10	Butt Joints	July 1, 2016	
80198	11	Completion Date (via calendar days)	April 1, 2008	
80199	12	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	13	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	14	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80277	15	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
80261	16	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80029	17	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	July 2, 2016
* 80378	18	Dowel Bar Inserter	Jan. 1, 2017	
80229	19	Fuel Cost Adjustment	April 1, 2009	July 1, 2015
80304	20	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Aug. 1, 2014
80246	21	✓ Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2016
80347	22	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	April 1, 2016
80376	23	✓ Hot-Mix Asphalt – Tack Coat	Nov. 1, 2016	
80367	24	Light Poles	July 1, 2016	
80368	25	Light Tower	July 1, 2016	
80336	26	Longitudinal Joint and Crack Patching	April 1, 2014	April 1, 2016
80369	27	Mast Arm Assembly and Pole	July 1, 2016	
80045	28	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80165	29	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80349	30	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016
80371	31	✓ Pavement Marking Removal	July 1, 2016	
80298	32	Pavement Marking Tape Type IV	April 1, 2012	April 1, 2016
80377	33	Portable Changeable Message Signs	Nov. 1, 2016	
* 80359	34	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Jan. 1, 2017
80338	35	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	April 1, 2016
80300	36	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
80328	37	✓ Progress Payments	Nov. 2, 2013	
34261	38	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	39	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	40	✓ Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	April 1, 2016
* 80340	41	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	42	Steel Cost Adjustment	April 2, 2004	July 1, 2015
* 80379	43	Steel Plate Beam Guardrail	Jan. 1, 2017	

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80317	44	<input type="checkbox"/> Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	April 1, 2016
20338	45	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	
80318	46	<input type="checkbox"/> Traversable Pipe Grate	Jan. 1, 2013	April 1, 2014
* 80381	47	<input type="checkbox"/> Traffic Barrier Terminal, Type 1 Special	Jan. 1, 2017	
* 80380	48	<input type="checkbox"/> Tubular Markers	Jan. 1, 2017	
80288	49	<input type="checkbox"/> Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	50	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80289	51	<input type="checkbox"/> Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	52	<input checked="" type="checkbox"/> Working Days	Jan. 1, 2002	

The following special provisions are in the 2017 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>
80360	Coarse Aggregate Quality	Article 1004.01	July 1, 2015	
80363	Engineer's Field Office	Article 670.07	April 1, 2016	
80358	Equal Employment Opportunity	Recurring CS #1 and #5	April 1, 2015	
80364	Errata for the 2016 Standard Specifications	Supplemental	April 1, 2016	
80342	Mechanical Side Tie Bar Inserter	Articles 420.03, 420.05, and 1103.19	Aug. 1, 2014	April 1, 2016
80370	Mechanical Splicers	Article 1006.10	July 1, 2016	
80361	Overhead Sign Structures Certification of Metal Fabricator	Article 106.08	Nov. 1, 2015	April 1, 2016
80365	Pedestrian Push-Button	Article 888.03	April 1, 2016	
80353	Portland Cement Concrete Inlay or Overlay	Recurring CS #34	Jan. 1, 2015	April 1, 2016
80372	Preventive Maintenance – Bituminous Surface Treatment (A-1)	Recurring CS #28	Jan. 1, 2009	July 1, 2016
80373	Preventive Maintenance – Cape Seal	Recurring CS #29	Jan. 1, 2009	July 1, 2016
80374	Preventive Maintenance – Micro-Surfacing	Recurring CS #30	Jan. 1, 2009	July 1, 2016
80375	Preventive Maintenance – Slurry Seal	Recurring CS #31	Jan. 1, 2009	July 1, 2016
80362	Steel Slag in Trench Backfill	Articles 1003.01 and 1003.04	Jan. 1, 2016	
80355	Temporary Concrete Barrier	Articles 704.02, 704.04, 704.05, and 704.06	Jan. 1, 2015	July 1, 2015

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



**AGGREGATE SUBGRADE IMPROVEMENT (BDE)**

Effective: April 1, 2012

Revised: April 1, 2016

Add the following Section to the Standard Specifications:

**"SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT**

**303.01 Description.** This work shall consist of constructing an aggregate subgrade improvement.

**303.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate .....	1004.07
(b) Reclaimed Asphalt Pavement (RAP) (Notes 1, 2, and 3) .....	1031

Note 1. Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradations CS 01, CS 02, and RR 01 but shall not exceed 40 percent of the total product. The top size of the RAP shall be less than 4 in. (100 mm) and well graded.

Note 2. RAP having 100 percent passing the 1 1/2 in. (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradations CS 01, CS 02, or RR 01 are used in lower lifts.

Note 3. The RAP used for aggregate subgrade improvement shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

**303.03 Equipment.** The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer.

**303.04 Soil Preparation.** The stability of the soil shall be according to the Department's Subgrade Stability Manual for the aggregate thickness specified.

**303.05 Placing Aggregate.** The maximum nominal lift thickness of aggregate gradations CA 02, CA 06, or CA 10 shall be 12 in. (300 mm). The maximum nominal lift thickness of aggregate gradations CS 01, CS 02, and RR 01 shall be 24 in. (600 mm).

**303.06 Capping Aggregate.** The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When the contract specifies that a granular subbase is to be placed on the aggregate subgrade improvement, the 3 in. (75 mm) of capping aggregate shall be the same gradation and may be placed with the underlying aggregate subgrade improvement material.

**303.07 Compaction.** All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

**303.08 Finishing and Maintenance of Aggregate Subgrade Improvement.** The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

**303.09 Method of Measurement.** This work will be measured for payment according to Article 311.08.

**303.10 Basis of Payment.** This work will be paid for at the contract unit price per cubic yard (cubic meter) or ton (metric ton) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified."

Add the following to Section 1004 of the Standard Specifications:

**"1004.07 Coarse Aggregate for Aggregate Subgrade Improvement.** The aggregate shall be according to Article 1004.01 and the following.

- (a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. In applications where greater than 24 in. (600 mm) of subgrade material is required, gravel may be used below the first 12 in (300 mm) of subgrade.
- (b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials.
- (c) Gradation.
  - (1) The coarse aggregate gradation for total subgrade thickness less than or equal to 12 in. (300 mm) shall be CA 2, CA 6, CA 10, or CS 01.

The coarse aggregate gradation for total subgrade thickness more than 12 in. (300 mm) shall be CS 01 or CS 02 as shown below or RR 01 according to Article 1005.01(c).

COARSE AGGREGATE SUBGRADE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	8"	6"	4"	2"	#4
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20
CS 02		100	80 ± 10	25 ± 15	

COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)					
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Grad No.	Sieve Size and Percent Passing				
	200 mm	150 mm	100 mm	50 mm	4.75 mm
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20
CS 02		100	80 ± 10	25 ± 15	

(2) The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10."

80274

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

Effective: January 1, 2010

Revised: April 1, 2016

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 10 ft (3 m) 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% <sup>1/</sup>	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0%	90.0%
IL-9.5,IL-9.5L	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 <sup>2/</sup> – 97.4%	90.0%
SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%”

**HOT-MIX ASPHALT – TACK COAT (BDE)**

Effective: November 1, 2016

Revise Article 1032.06(a) of the Standard Specifications to read:

“(a) Anionic Emulsified Asphalt. Anionic emulsified asphalts shall be according to AASHTO M 140. SS-1h emulsions used as a tack coat shall have the cement mixing test waived.”

80376

**PAVEMENT MARKING REMOVAL (BDE)**

Effective: July 1, 2016

Revise Article 783.02 of the Standard Specifications to read:

**“783.02 Equipment.** Equipment shall be according to the following.

Item	Article/Section
(a) Grinders (Note 1)	
(b) Water Blaster with Vacuum Recovery .....	1101.12

Note 1. Grinding equipment shall be approved by the Engineer.”

Revise the first paragraph of Article 783.03 of the Standard Specifications to read:

**“783.03 Removal of Conflicting Markings.** Existing pavement markings that conflict with revised traffic patterns shall be removed. If darkness or inclement weather prohibits the removal operations, such operations shall be resumed the next morning or when weather permits. In the event of removal equipment failure, such equipment shall be repaired, replaced, or leased so removal operations can be resumed within 24 hours.”

Revise the first and second sentences of the first paragraph of Article 783.03(a) of the Standard Specifications to read:

“The existing pavement markings shall be removed by the method specified and in a manner that does not materially damage the surface or texture of the pavement or surfacing. Small particles of tightly adhering existing markings may remain in place, if in the opinion of the Engineer, complete removal of the small particles will result in pavement surface damage.”

Revise the first paragraph of Article 783.04 of the Standard Specifications to read:

**“783.04 Cleaning.** The roadway surface shall be cleaned of debris or any other deleterious material by the use of compressed air or water blast.”

Revise the first paragraph of Article 783.06 of the Standard Specifications to read:

**“783.06 Basis of Payment.** This work will be paid for at the contract unit price per each for RAISED REFLECTIVE PAVEMENT MARKER REMOVAL, or at the contract unit price per square foot (square meter) for PAVEMENT MARKING REMOVAL – GRINDING and/or PAVEMENT MARKING REMOVAL – WATER BLASTING.”

Delete Article 1101.13 from the Standard Specifications.

## **PROGRESS PAYMENTS (BDE)**

Effective: November 2, 2013

Revise Article 109.07(a) of the Standard Specifications to read:

“(a) Progress Payments. At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the contract, and the value thereof at the contract unit prices. The amount of the estimate approved as due for payment will be vouchered by the Department and presented to the State Comptroller for payment. No amount less than \$1000.00 will be approved for payment other than the final payment.

Progress payments may be reduced by liens filed pursuant to Section 23(c) of the Mechanics' Lien Act, 770 ILCS 60/23(c).

If a Contractor or subcontractor has defaulted on a loan issued under the Department's Disadvantaged Business Revolving Loan Program (20 ILCS 2705/2705-610), progress payments may be reduced pursuant to the terms of that loan agreement. In such cases, the amount of the estimate related to the work performed by the Contractor or subcontractor, in default of the loan agreement, will be offset, in whole or in part, and vouchered by the Department to the Working Capital Revolving Fund or designated escrow account. Payment for the work shall be considered as issued and received by the Contractor or subcontractor on the date of the offset voucher. Further, the amount of the offset voucher shall be a credit against the Department's obligation to pay the Contractor, the Contractor's obligation to pay the subcontractor, and the Contractor's or subcontractor's total loan indebtedness to the Department. The offset shall continue until such time as the entire loan indebtedness is satisfied. The Department will notify the Contractor and Fund Control Agent in a timely manner of such offset. The Contractor or subcontractor shall not be entitled to additional payment in consideration of the offset.

The failure to perform any requirement, obligation, or term of the contract by the Contractor shall be reason for withholding any progress payments until the Department determines that compliance has been achieved.”

## RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012

Revise: April 1, 2016

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-19.0	1 1/2 in. (40 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 "homogeneous" 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) 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 Bureau of Materials and Physical Research 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  $\leq 1000$  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.