RETURN WITH BID

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 Madison

City of Troy

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. City of Troy Pedestrian Paths

SECTION NO. N/A

TYPES OF FUNDS TIF and MEPRD Grant

☒ SPECIFICATIONS (required) ☒ PLANS (required)

For Municipal Projects

/Approved/Passed

☒ Mayor ☐ President of Board of Trustees ☐ Municipal Official

01/06/2021

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.

NOTICE TO BIDDERS

County Madison
Local Public Agency City of Troy
Section Number N/A
Route City of Troy Pedestrian Paths

Sealed proposals for the improvement described below will be received at the office of the City Clerk,
116 East Market Street, Troy, Illinois 62294 (Address) until 10am (Time) on January 28, 2021 (Date)

Sealed proposals will be opened and read publicly at the office of the City Clerk
116 East Market Street Troy, Illinois 62294 (Address) at 10am (Time) on January 28, 2021 (Date)

DESCRIPTION OF WORK

Name Troy Pedestrian Paths Length: 7,300 feet (1.4 miles)
Location Spring Valley Rd from US 40 to Collinsville Rd, in Tri-Township Park North along Riggin Rd and East to Wickliffe
Proposed Improvement Installation of approximately 7,300 ft of new 8ft to 10ft wide pedestrian paths, installation of culverts and storm sewer, and reconstruction of a portion of Spring Valley Road at the intersection with Collinsville Road.

1. Plans and proposal forms will be available for digital download. Project bidding documents are available at www.troyil.us
   Please contact the City 618-667-9924 ext.1 to register as a plan-holder and/or for assistance in viewing or downloading project information.

2. ☒ 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

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 as a percentage complete of a lump sum amount for the work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished is not warranted and shall be verified by the contractor during bidding.

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 Madison
Local Public Agency City of Troy
Section Number N/A
Route City of Troy Pedestrian Path

1. Proposal of _____

for the improvement of the above section by the construction of 2780 ft concrete pedestrian paths, 4485 ft HMA pedestrian paths, pipe culverts and storm sewers, box culverts, 66ft trench drains, paint pavement Markings, earthwork, tree removal, and other associated items.

a total distance of 7300 feet, of which a distance of 7300 feet, (1.4 miles) are to be improved.

2. The plans for the proposed work are those prepared by Oates Associates, Inc., 100 Lanter Court, Suite 1, Collinsville, IL and approved by the City of Troy
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 N/A working days or by Aug 30, 2021 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:

The City of Troy _____

The amount of the check is 5% of the Bid Bond ( ).

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 N/A.
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 total price shall govern since this is a lump sum contract. 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.

SCHEDULE OF PRICES

County Madison
Local Public Agency City of Troy
Section N/A
Route Troy Pedestrian Paths

RETURN WITH BID

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	

Item No.	Items	Unit	Quantity	Unit Price	Total
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	328		
20200100	EARTH EXCAVATION	CU YD	1,460		
20400800	FURNISHED EXCAVATION	CU YD	648		
20800150	TRENCH BACKFILL	CU YD	70		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,493		
25000100	SEEDING, CLASS 1	ACRE	2.5		
28000305	TEMPORARY DITCH CHECKS	FOOT	118		
28000400	PERIMETER EROSION BARRIER	FOOT	8,157		
28000500	INLET AND PIPE PROTECTION	EACH	24		
28100105	STONE RIPRAP, CLASS A3	SQ YD	66		
31000600	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SQ YD	4,631		
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	3,191		
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	4,945		
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.1		
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	777		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	84		
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	456		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	14		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	28,715		
42400800	DETECTABLE WARNINGS	SQ FT	216		
44213204	TIE BARS 3/4"	EACH	100		
44000100	PAVEMENT REMOVAL	SQ YD	883		
44000300	CURB REMOVAL	FOOT	27		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	18		
44000600	SIDEWALK REMOVAL	SQ FT	180		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	56		
54010602	PRECAST CONCRETE BOX CULVERTS 6' X 2'	FOOT	52		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	10		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		
54214731	ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	2		
50105220	PIPE CULVERT REMOVAL	FOOT	35		
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	97		
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	15		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	20		

	Bidder's Proposal for Making Entire Improvements	

550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	43		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	55		
550A5300	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	116		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1		
60255500	MANHOLES TO BE ADJUSTED	EACH	2		
60600605	CONCRETE CURB, TYPE B	FOOT	22		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	11		
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	380		
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,150		
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	314		
X0321309	CONCRETE PAD	SQ YD	69		
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	2		
X0323265	REMOVE EXISTING RIPRAP	SQ YD	116		
X0326681	REMOVE AND RE-ERECT BOULDERS	L SUM	4		
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	128		
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	28		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		
Z0022800	FENCE REMOVAL	FOOT	31		
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	145		
	BOLLARD ASSEMBLY	EACH	10		
	SIGN PANNEL ASSEMBLY	EACH	53		
	BOX CULVERT END SECTIONS, 6'X2'	EACH	4		
	PORTLAND CEMENT CONCRETE SHOULDER, 2' WIDE	SQ YD	88		
	BIKE RACK	EACH	2		
	PORTLAND CEMENT CONCRETE V-GUTTER	FOOT	375		
	TRIM TREES	LSUM	1		
	TRENCH DRAIN WITH ADA COMPLIANT GRATE, 12"	FOOT	14		
	TRENCH DRAIN WITH CONCRETE TRENCH SLAB, 18"	FOOT	14		
	TRENCH DRAIN WITH CONCRETE TRENCH SLAB, 36"	FOOT	14		
	TRENCH DRAIN WITH CONCRETE TRENCH SLAB, 72"	FOOT	24		
	AREA INLET	EACH	1		
	INFORMATION KIOSK	EACH	3		
	PORTLAND CEMENT CONCRETE SIDEWALK VARIABLE	SQ FT	63		
	RELOCATE EX SIGN	EACH	5		
	CONCRETE WASHOUT PIT	EACH	2		
	TREE, RED OAK, 2-1/2" CALIPER	EACH	16		
	TREE, RED MAPLE, 2-1/2" CALIPER	EACH	10		
	WOODEN BRIDGE STRUCTURE REMOVAL	EACH	1		
	TOTAL LUMP SUM BID AMOUNT				

LUMP SUM BID NOTE:
THESE QUANTITIES REPRESENT THE DESIGNERS ESTIMATION OF THE **MAJOR WORK ITEMS** INVOLVED AND MOST SMALL/INCIDENTAL WORK ITEMS ARE NOT INCLUDED FOR BREVITY.

QUANTITY TAKEOFF AND UNIT COST SPREADSHEET PROVIDED FOR INFORMATION ONLY. THIS IS A LUMP SUM BID AND WILL BE PAID AS SUCH. UNIT COSTS AND PAY ITEMS ARE REQUESTED IN ORDER TO ESTABLISH A SCHEDULE OF VALUES TO ESTABLISH A BASIS FOR PAYMENT.

CONTRACTOR CERTIFICATIONS

County Madison
Local Public Agency City of Troy
Section Number N/A
Route City of Troy Pedestrian Paths

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.

County Madison
Local Public Agency City of Troy
Section Number N/A
Route City of Troy Pedestrian Paths

SIGNATURES

(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 _____

Insert Names of Officers
President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary

Illinois Department of Transportation

Local Agency Proposal Bid Bond

Route: Troy Pedestrian Paths
County: Madison
Local Agency: City of Troy
Section: N/A

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,

and _____ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

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

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

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

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

Principal

_____ (Company Name)

By: _____ (Signature and Title)

_____ (Company Name)

By: _____ (Signature and Title)

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

Surety

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____
I. _____, a Notary Public in and for said county,
do hereby certify that _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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

Given under my hand and notarial seal this _____ day of _____

My commission expires _____

_____ (Notary Public)

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

_____ (Company/Bidder Name)

_____ (Signature and Title)

_____ Date

BLR 12230 (Rev. 7/05

RECURRING SPECIAL PROVISIONS

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

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

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SPECIAL PROVISIONS

CITY OF TROY
PEDESTRIAN PATHS
TROY, ILLINOIS

INDEX TO SPECIAL PROVISIONS

SPECIAL PROVISIONS

CITY OF TROY
PEDESTRIAN PATHS
TROY, ILLINOIS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted April 1, 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 the invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein and the “Standards for Water and Sewer Main Construction in Illinois”, Adopted July 2009 which apply to and govern the construction of City of Troy Pedestrian Paths, Troy, Illinois, 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

The proposed pedestrian path construction project is located on Spring Valley Lane from US route 40 to Collinsville Road, north through Tri-Township Park along Riggin Road, and esst through Tri-Township Park to Wickliffe Street in Troy, Illinois. The project length is 7,300 feet (1.38 miles).

The work on this project consists of removals, earthwork, lime modified soils, aggregate base, HMA binder and surface courses, sidewalk, culverts, storm sewer and drainage structures, paint pavement markings, seeding and all incidental and collateral work necessary to complete the work in the above-described Section according to the plans, specifications and special provisions.

PROPOSAL GUARANTY

Bids will not be considered if the bank draft, bank cashier’s check or certified check representing the proposal guaranty is not made payable to the Treasurer of Troy, Illinois, nor if the bid bond is not made on the form included in this proposal.

COORDINATION OF CONTRACT DOCUMENTS

If a conflict exists between the “Standard Specifications for Road and Bridge Construction” and the “Standard Specifications for Water and Sewer Construction in Illinois”, the “Standard Specifications for Road and Bridge Construction” shall govern.

SHOP DRAWINGS

The Contractor shall submit shop drawings of the following items according to Articles 1042.03(b) and 105.04 of the "Standard Specifications for Road and Bridge Construction":

Detectable Warnings
Precast Concrete Box Culverts
Precast Concrete Inlets
Precast Concrete Manholes
Type 1 Frame
Type 8 Frame and Grate
Precast Concrete Parking Blocks
Sign Panel Assembly
Bike Rack
Trench Drain with Concrete Slab Top
Trench Drain with ADA Compliant Grate

Submit shop drawings for review and approval to:

Mr. Tom Cissell, City Engineer
City of Troy
116 East Market Street
Troy, Illinois 62294

Concurrent with the required shop drawing submittals to the City, the Contractor shall also submit a copy of each submittal to the City Engineer. A maximum of two reviews by the Engineer will be provided for each shop drawing submittal. If any additional reviews are required, the Contractor shall pay the Engineer for all costs incurred at an hourly rate of $200. Payment for additional reviews shall be made directly to the City.

SAFETY AND HEALTH

The Contractor shall be responsible for enforcing all O.S.H.A. Safety and Health Standards pertaining to the construction industry as established by the United States Department of Labor, Occupational Safety and Health Administration. Such standards include, but are not limited to, 29 CFR 1910 and 1926.

SAFETY AND PROTECTION

A. CONTRACTOR shall be responsible for initiating, maintaining and supervising all safety and precautions and programs in connection with the Work. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. All employees on the work and other persons and organizations who may be affected thereby;

2. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the site; and

3. Other property at the site adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures,

utilities and underground facilities not designated for removal, relocation or replacement in the course of construction.

CONTRACTOR shall comply with all applicable laws and regulations of any public body having jurisdiction for the safety of persons and property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. CONTRACTOR shall notify owners of adjacent property and of underground facilities and utility owners when prosecution of the Work may affect them and shall cooperate with them in the protection, removal, relocation and replacement of their property. All damage, injury or loss to any property referred to in paragraph 2. or 3. caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor, Supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts either of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of OWNER or ENGINEER or anyone employed by either of them or anyone for acts either of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of CONTRACTOR). CONTRACTOR's duties and responsibilities for the safety and protection of the Work shall continue until all the Work is completed and ENGINEER has issued a notice to OWNER and CONTRACTOR that the Work is acceptable.

B. CONTRACTOR shall designate a responsible representative at the site whose duty shall be the prevention of accidents. This person shall be CONTRACTOR's superintendent, unless otherwise designated in writing by CONTRACTOR to OWNER.

C. In EMERGENCIES affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, CONTRACTOR, without special instructions or authorization from ENGINEER or OWNER, is obligated to act to prevent threatened damage, injury or loss. CONTRACTOR shall give ENGINEER prompt, written notice if CONTRACTOR believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If ENGINEER determines that a change in the Contract Documents is required because of the action taken in response to an emergency, a Work Directive Change or Change Order will be issued to document the consequences of the changes or variations.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

The Contractor and Owner will be required to complete a Notice of Intent (NOI) form and the Contractor’s Certification Statement, in compliance with the NPDES Phase II guidelines. These forms will be completed by the Engineer, prior to the pre-construction meeting. Work may commence 30 calendar days after the NOI form is submitted to the Illinois Environmental Protection Agency for the purpose of obtaining a General Construction Permit.

The Storm Water Pollution Prevention Plan, the General Permit, and the Contractor's Certification Statement must be kept on site during working hours. Compliance with this special provision shall be considered as included in the contract unit prices for the various items of work involved.

CONSTRUCTION CONTRACTS

The successful bidder, as a condition of this contract, must submit evidence that he has conducted a pre-job conference with his Subcontractors and their employees, or the employees' duly recognized representatives and union officials, to determine employee jurisdiction, job assignment and work schedules. This requirement is to promote industrial harmony and to eliminate work stoppages and jurisdictional disputes. The pre-job conference shall be conducted at least 14 calendar days prior to the commencement of any construction.

MEASUREMENT AND PAYMENT

Delete all Articles regarding "Method of Measurement" and "Basis of Payment" in the "Standard Specifications for Road and Bridge Construction".

GENERAL PREVAILING WAGE RATES

The general prevailing wage rates for Labor classifications other than those specified above, and the general prevailing rate for legal holiday and overtime work are on file in the office of the Department of Labor at Springfield, Illinois, and the main office of the Madison County Highway Department. Not less than these prevailing wage rates shall be paid for work performed under this contract.

Should a prevailing rate as listed herein violate a Federal Law, order, or ruling, the rate conforming to the Federal Law, order or ruling shall govern. No change in compensation will be made to the Contractor as a result of his paying rates other than those specified herein.

The aforementioned Act of November 8, 1961, provides that any Contractor or Subcontractor who shall neglect to keep, or cause to be kept, an accurate record of names, occupations and actual wages paid to each laborer, workman and mechanic employed by him in connection with the contract, or who shall refuse to allow access to the record at any reasonable hour to any representative of the City, County, or to the Director of Labor and his deputies and agents, shall be guilty of misdemeanor and shall be punished by a fine not exceeding $500.00 or by imprisonment not exceeding 6 months, or by both fine and imprisonment, in the discretion of the court.

No extra compensation will be allowed to the Contractor for any delays caused by any hearing on any objection to the prevailing wage rates hereinafter specified, as provided in the aforementioned Act of November 8, 1961, or by appeal to the Circuit or Superior Court or to the Supreme Court of any decision of the Department of Labor or the County,

resulting from the hearings, nor for any delay caused by compliance with the other provisions of the Act.

Prospective bidders should familiarize themselves with all of the provisions of the Act and, in addition, should make an investigation of the existing labor conditions, and any negotiated labor agreements, which may exist or are contemplated at this time. Nothing in the Act shall be construed to prohibit the payment of more than the prevailing wage scale shown above. The bidder should take all of these facts into consideration in the preparation of his proposal.

MADISON COUNTY PREVAILING WAGE RATE SCHEDULE – DECEMBER 2020

Madison County Prevailing Wage Rates posted on 12/1/2020

						Overtime								
Trade Title	**Rg**	**Type**	**C**	**Base**	**Foreman**	**M-F**	**Sa**	**Su**	**Hol**	**H/W**	**Pension**	**Vac**	**Trng**	**Other Ins**
ASBESTOS ABT-GEN	NW	ALL		31.19	31.69	1.5	1.5	2.0	2.0	7.25	18.68	0.00	0.80	
ASBESTOS ABT-GEN	SE	ALL		32.77	33.27	1.5	1.5	2.0	2.0	8.45	15.90	0.00	0.80	
ASBESTOS ABT-MEC	All	BLD		32.00	33.00	1.5	1.5	2.0	2.0	9.00	6.25	0.00	0.50	
BOILERMAKER	All	BLD		39.00	41.50	1.5	1.5	2.0	2.0	7.07	24.52	1.50	1.05	
BRICK MASON	All	BLD		34.38	36.44	1.5	1.5	2.0	2.0	9.50	14.35	0.00	0.88	
CARPENTER	All	ALL		40.37	41.87	1.5	1.5	2.0	2.0	7.72	10.05	0.00	0.65	
CEMENT MASON	All	ALL		35.55	36.55	1.5	1.5	2.0	2.0	10.15	15.50	0.00	0.50	
CERAMIC TILE FINISHER	All	BLD		26.99		1.5	1.5	2.0	2.0	8.00	6.98	0.00	0.81	
ELECTRIC PWR EQMT OP	NW	ALL		45.78	45.78	1.5	1.5	2.0	2.0	6.50	12.82	0.00	0.46	2.75
ELECTRIC PWR EQMT OP	SE	ALL		47.37	57.10	1.5	1.5	2.0	2.0	6.95	13.27	0.00	0.47	
ELECTRIC PWR GRNDMAN	NW	ALL		29.38	29.38	1.5	1.5	2.0	2.0	6.50	8.23	0.00	0.29	2.75
ELECTRIC PWR GRNDMAN	SE	ALL		35.36	57.10	1.5	1.5	2.0	2.0	5.19	9.91	0.00	0.35	
ELECTRIC PWR LINEMAN	NW	ALL		53.45	56.48	1.5	1.5	2.0	2.0	6.50	14.96	0.00	0.53	2.75
ELECTRIC PWR LINEMAN	SE	ALL		54.47	57.10	1.5	1.5	2.0	2.0	7.99	15.26	0.00	0.54	
ELECTRIC PWR TRK DRV	NW	ALL		34.18	34.18	1.5	1.5	2.0	2.0	6.50	9.58	0.00	0.34	2.75
ELECTRIC PWR TRK DRV	SE	ALL		38.66	57.10	1.5	1.5	2.0	2.0	5.67	10.84	0.00	0.39	
ELECTRICIAN	NW	ALL		44.35	46.60	1.5	1.5	2.0	2.0	10.00	12.07	0.00	0.22	1.25
ELECTRICIAN	SE	ALL		43.04	45.62	1.5	1.5	2.0	2.0	7.99	12.94	0.00	1.19	2.58
ELECTRONIC SYSTEM TECH	NW	BLD		32.57	34.57	1.5	1.5	2.0	2.0	10.00	7.28	0.00	0.40	
ELECTRONIC SYSTEM TECH	SE	BLD		35.27	37.27	1.5	1.5	2.0	2.0	4.00	11.07	0.00	0.40	
ELEVATOR CONSTRUCTOR	All	BLD		51.73	58.20	2.0	2.0	2.0	2.0	15.72	18.41	4.14	0.63	
FLOOR LAYER	All	BLD		35.06	35.81	1.5	1.5	2.0	2.0	7.72	10.05	0.00	0.65	
GLAZIER	All	BLD		36.51	38.51	1.5	1.5	2.0	2.0	6.45	11.45	0.00	0.68	
HEAT/FROST INSULATOR	All	BLD		39.38	40.38	1.5	1.5	2.0	2.0	10.79	13.10	0.00	0.80	
IRON WORKER	All	ALL		34.50	36.50	1.5	1.5	2.0	2.0	10.46	17.00	0.00	0.42	
LABORER	NW	ALL		30.69	31.19	1.5	1.5	2.0	2.0	7.25	18.68	0.00	0.80	
LABORER	SE	ALL		32.27	32.77	1.5	1.5	2.0	2.0	8.45	15.90	0.00	0.80	
MACHINIST	All	BLD		49.68	52.18	1.5	1.5	2.0	2.0	7.93	8.95	1.85	1.47	
MARBLE FINISHER	All	BLD		26.99		1.5	1.5	2.0	2.0	8.00	6.98	0.00	0.81	
MARBLE MASON	All	BLD		32.47	33.97	1.5	1.5	2.0	2.0	8.00	8.00	0.00	0.90	
MILLWRIGHT	All	ALL		40.37	41.87	1.5	1.5	2.0	2.0	7.72	10.05	0.00	0.65	

OPERATING ENGINEER	All	BLD	1	39.85	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	2	38.72	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	3	34.24	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	4	34.30	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	5	33.97	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	6	42.40	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	7	42.70	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	8	42.98	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	BLD	9	40.85	42.85	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	1	38.35	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	2	37.22	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	3	32.74	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	4	32.80	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	5	32.47	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	6	40.90	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	7	41.20	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	8	41.48	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
OPERATING ENGINEER	All	HWY	9	39.35	41.35	1.5	1.5	2.0	2.0	13.55	18.65	0.00	1.25	
PAINTER	All	BLD		31.95	33.45	1.5	1.5	2.0	2.0	6.45	12.42	0.00	0.70	
PAINTER	All	HWY		33.15	34.65	1.5	1.5	2.0	2.0	6.45	12.42	0.00	0.70	
PAINTER OVER 30 FT.	All	BLD		32.95	34.45	1.5	1.5	2.0	2.0	6.45	12.42	0.00	0.70	
PAINTER PWR EQMT	All	BLD		32.95	34.45	1.5	1.5	2.0	2.0	6.45	12.42	0.00	0.70	
PAINTER PWR EQMT	All	HWY		34.15	35.65	1.5	1.5	2.0	2.0	6.45	12.42	0.00	0.70	
PILEDRIVER	All	ALL		40.37	41.87	1.5	1.5	2.0	2.0	7.72	10.05	0.00	0.65	
PIPEFITTER	N	BLD		43.96	46.16	1.5	2.0	2.0	2.0	5.00	10.00	0.00	0.60	
PIPEFITTER	S	BLD		40.50	44.50	1.5	1.5	2.0	2.0	8.29	10.30	0.00	1.55	
PLASTERER	All	BLD		34.00	35.50	1.5	1.5	2.0	2.0	10.15	10.55	0.00	0.50	
PLUMBER	N	BLD		43.96	46.16	1.5	2.0	2.0	2.0	5.00	10.00	0.00	0.60	
PLUMBER	S	BLD		40.00	42.50	1.5	1.5	2.0	2.0	8.20	8.40	0.00	1.20	
ROOFER	All	BLD		34.00	36.00	1.5	1.5	2.0	2.0	9.20	9.20	0.00	0.41	
SHEETMETAL WORKER	All	ALL		36.57	38.07	1.5	1.5	2.0	2.0	10.65	9.29	2.19	0.71	1.76
SPRINKLER FITTER	All	BLD		44.80	48.30	2.0	2.0	2.0	2.0	9.63	14.30	0.00	1.10	
TERRAZZO FINISHER	All	BLD		26.99		1.5	1.5	2.0	2.0	8.00	6.98	0.00	0.81	
TERRAZZO MASON	All	BLD		32.47	33.97	1.5	1.5	2.0	2.0	8.00	8.00	0.00	0.90	
TRUCK DRIVER	All	ALL	1	39.04	43.28	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	ALL	2	39.60	43.28	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	

TRUCK DRIVER	All	ALL	3	39.91	43.28	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	ALL	4	40.25	43.28	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	ALL	5	41.33	43.28	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	O&C	1	31.23	34.62	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	O&C	2	31.68	34.62	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	O&C	3	31.93	34.62	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	O&C	4	32.20	34.62	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	
TRUCK DRIVER	All	O&C	5	33.06	34.62	1.5	1.5	2.0	2.0	13.52	6.86	0.00	0.25	

Legend

Rg Region
Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
C Class
Base Base Wage Rate
OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.
OT Sa Overtime pay required for every hour worked on Saturdays
OT Su Overtime pay required for every hour worked on Sundays
OT Hol Overtime pay required for every hour worked on Holidays
H/W Health/Welfare benefit
Vac Vacation
Trng Training
Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations MADISON COUNTY

ELECTRICIANS AND ELECTRIC SYSTEMS TECHNICIAN (NORTHWEST) - Townships of Godfrey, Foster and Wood River, and the western one mile of Moro, Ft. Russell and Edwardsville, south to the north side of Hwy. 66 and west to the Mississippi River. This includes SIU-Edwardsville Dental Facility and Alton Mental Health Hospital.

ELECTRICIANS AND ELECTRIC SYSTEMS TECHNICIAN (SOUTHEAST) - Remainder of county not covered by ELECTRICIANS AND ELECTRIC SYSTEMS TECHNICIAN (NW) including SIU-Edwardsville Main Campus.

LABORERS (NORTHWEST) - That area northwest of a diagonal line running from the Mississippi River at the intersection of the waterway known as Wood River at Maple Island, northeast through the highway intersection of Illinois Routes 3 and 143 and following the boundary of Alton/East Alton, then preceding northeast to the county line at a point approximately one mile west of Illinois Route 159.

PLUMBERS AND PIPEFITTERS (SOUTH) - That part of the county South of a line between Mitchell and Highland including the town of Glen Carbon.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain

SEQUENCE OF CONSTRUCTION OPERATIONS

The Contractor shall conduct his work within the approved Sequence of Construction Operations at all times. The work shall be done in a manner that will minimize the inconvenience to local traffic.

The Contractor shall conduct his operations to insure local access to all properties throughout the project limits according to Article 107.09 and Section 701 and 703 of the "Standard Specifications for Road and Bridge Construction". If required, Type I, Type II or vertical barricades shall be used to channel traffic from the following locations to the adjoining side streets or private entrances. The number required will be determined by the Engineer during construction.

The Contractor shall note the number and locations of the across road culverts/storm sewers and their effect on maintaining local access to all properties throughout the project limits:

Sta. 37+25	15in. Storm Sewer
Sta. 37+80	36in. Elliptical RCP

The Contractor will be permitted to close Spring Valley Road entirely at these locations as approved by the Engineer. No other road closures are planned, but if operations require closures, all road closures must be approved in advance by the City of Tory Department of Public Works. The Contractor shall notify the City of Troy Fire and Police Departments at least 48 hours prior to enacting any road closures.

SUGGESTED SEQUENCE

During construction, the Contractor will be required to maintain access to all properties affected by this work. AGGREGATE FOR TEMPORARY ACCESS according to Section 402 of the “Standard Specifications for Road and Bridge Construction” will be used for this purpose.

The Contractor will not be allowed to begin subsequent construction operations until the preceding work is substantially complete. The construction sequence shall be compressed as much as possible to minimize the inconvenience to local traffic.

Unless authorized by the Engineer, the Contractor shall complete the construction in the following suggested sequence:

STAGE 1:
Intersection of Spring Valley Road and Collinsville Road - Complete removals, earthwork, storm sewer, culvert, lime modified soils, subbase, bituminous shoulder, and concrete pavement on Spring Valley Road at the intersection of Collinsville Road. Appropriate signage will be required.

STAGE 2:
Spring Valley Road Pedestrian Path - Complete the proposed storm sewer, culverts, aggregate base course, and concrete pedestrian path along Spring Valley Road from US 40 to Collinsville Road Station 10+00 to Station 37+79. Install pavement markings and signage. Appropriate sidewalk closure signage will be required until Stage 3 is complete to provide a connecting trail on the north side of Collinsville Road.

STAGE 3:
Pedestrian Path through Tri-Township Park – Complete the proposed removals, culverts, lime modified soils, subbase, bituminous base course, and bituminous surface course for pedestrian paths from Collinsville Road to Station 48+39. Install pavement markings and signage. Appropriate sidewalk closure signage will be required on park paths approaching the work area.

STAGE 4:
Pedestrian Path through Tri-Township Park – Complete the proposed removals, culverts, lime modified soils, subbase, bituminous base course, and bituminous surface course for pedestrian paths from Station 48+39 to Station 58+12 and Station 85+00 to Wickcliffe Street. Install pavement markings and signage. Appropriate sidewalk closure signage will be required on park paths approaching the work area.

Stages 3 and 4 will require coordination with Tri-Township Park at the pre-construction meeting and may be required to be complete prior to Stages 1 and 2 to avoid conflict with sports seasons. Notice shall also be given to the Park Board President two weeks prior to beginning work within the Park.

Seeding operations shall be completed as soon as possible to minimize erosion potential. TEMPORARY EROSION CONTROL SEEDING will be paid for according to Section 280 of the “Standard Specifications for Road and Bridge Construction”.

The Contractor may submit an alternate sequence of operations and traffic control plan that would expedite construction and still maintain traffic control. Any and all changes to these plans must be submitted in writing and approved in advance by the Engineer. No additional compensation will be allowed if alternate plans are approved.

TRAFFIC CONTROL PLAN

Traffic control shall be according to 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 all special details and Highway Standards contained herein and on the plans.

At the preconstruction meeting, the Contractor shall furnish the name of the individual in his/her direct employ who is responsible for the installation and maintenance of the traffic

control for this project. If the actual installation and maintenance are to be accomplished by the Subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting according to Article 108.01 of the "Standard Specifications for Road and Bridge Construction". This shall not relieve the Contractor of the foregoing requirement for a responsible individual in his direct employ. The City will provide the Contractor the name of its representative who will be responsible for the observation of the Traffic Control Plan.

The Contractor shall furnish, erect, maintain and remove all warning signs, flags, barricades and lights according to Article 107.14 and Sections 701 and 703 of the "Standard Specifications for Road and Bridge Construction", the latest edition of the "Manual of Uniform Traffic Control Devices for Construction and Maintenance Operations", the Special Provisions, and/or as directed by the Engineer.

Articles 107.09 and 107.14 and Sections 701 and 703 of the "Standard Specifications for Road and Bridge Construction" and the following Highway Standards relating to traffic control apply to this contract:

701001	701006	701501	701801	701901
BLR 17	BLR 21	BLR 22		

Collinsville Road, Riggin Road, and Wickcliffe Street shall remain open to traffic at all times. Short-term, daytime lane closures will be allowed on Collinsville Road when workers are present according to Highway Standard 701501. Spring Valley Road may be closed to through traffic for not more than 21 calendar days, but shall be kept open to local traffic. Tri-Township Park entrances, parking lots, and roads within the park shall be kept open at all times. Short-term daytime lane closures will be allowed. Any lane closures within Tri-Township Park will require 24 hour advanced notice to the Park Board President.

In addition, the following special provision(s) will also govern traffic control for this project:

SEQUENCE OF CONSTRUCTION OPERATIONS
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
CONTRACTOR ACCESS

PUBLIC NOTICE

Each Wednesday, the Contractor shall furnish his schedule for the next week's work and shall post signs at least 24 hours in advance of his work on each street requiring a lane closure. Handbill notices approved by the Engineer shall be delivered to each residence located within the work zone, at least 24 hours prior to commencing work. Notices shall explain the proposed work and request the resident's forbearance of the inconvenience. All complaints should be directed to the Contractor. Residents may contact the City if their concerns are not resolved satisfactorily by the Contractor.

This work will not be paid for separately, and the cost shall be considered as included in the contract unit prices bid for the various items of work involved.

EARTH EXCAVATION

This work shall be constructed according to Section 202 of the "Standard Specifications for Road and Bridge Construction," to include earth, aggregate, and oil and chip, except as modified herein:

At locations where existing bituminous treated surface lies at or below the elevation of the proposed subgrade, the Contractor shall scarify the existing surface, reducing all particles to a size not larger than 3 in. in the largest dimension and recompact the existing surface prior to placing earth embankment or other subbase material.

EMBANKMENT

This work shall consist of the construction of embankments according to Section 205 of the "Standard Specifications for Road and Bridge Construction", except as modified herein.

Material, which is proposed for use by the Contractor to be used for embankment construction, must be inspected and approved by the Engineer. In order to be approved for use as embankment material, it must meet all applicable requirements of Sections 202, 203, 204, 205, and 502 of the "Standard Specifications for Road and Bridge Construction", and meet the following requirements:

1. It must fall in one of the following Highway Research Board Classifications: A-1, A-2, A-3, A-4, A-6, or A-7-6.

2. It shall have a Liquid Limit of 49 or less.

3. Any A-4, A-6, or A-7-6 material to be used as borrow for embankment construction shall not have an organic content greater than 7 percent.

4. Classification of the material for points 1 and 2 shall be determined according to the latest AASHTO Designation: M 145.

5. When tested for density in place, all soil classified as A-4 shall not contain more than 100 percent of optimum moisture content determined according to AASHTO T-99.

The outside 10 ft. of those portions of the embankment that will be permanently exposed in the completed roadway shall be constructed using native materials of a classification that will support vegetation and contain a plasticity index of 12 or greater as directed by the Engineer.

Those portions of the lime modified soil layer shall be constructed with a minimum thickness of 18 in. of "reactive" soil as defined by Article 1009.02 of the "Standard Specifications for Road and Bridge Construction".

Existing slopes steeper than 5H:1V shall be benched to provide a level surface prior to placing any fill material.

TRENCH BACKFILL

This work shall be constructed according to Section 208 of the "Standard Specifications for Road and Bridge Construction", except as modified herein:

Fine aggregate according to Article 1003.04 may be used for bedding only, except as follows: Fine aggregate will be required for trench backfill within 2 ft. of all gas mains and gas service lines that are exposed during trenching operations.

Material for trench backfill shall be coarse aggregate gradation CA 6, CA 10 or CA 18 as specified in Article 1004.05.

Trench backfill material shall be compacted according to Method 1, as specified in Article 550.07(a) of the "Standard Specifications for Road and Bridge Construction".

TOPSOIL FURNISH AND PLACE, 4”

This work shall consist of furnishing and placing topsoil and compost in all seeded areas within the park according to Section 211 of the “Standard Specifications for Road and Bridge Construction”.

Material shall meet the requirements of Article 1081.05 (a) and (b) of the “Standard Specifications for Road and Bridge Construction” except that topsoil shall have an organic content between three and ten percent as determined by the “loss on ignition” test method described in AASHTO T 267. In addition, compost shall be registered with the U.S. Composting Council’s Seal of Testing Assurance (STA) program. Compost shall have an organic matter content of 35% to 65% as determined by the “loss on ignition” test method described in AASHTO T 267. 100% of the compost material shall pass the ½ in. sieve. The Contractor shall provide a certificate from an independent laboratory certifying compliance with all applicable material specifications.

The minimum thickness of topsoil shall be 4 in. The minimum thickness of compost shall be 2 in. which shall be completely incorporated into the top 6 in. of the soil.

SEEDING, CLASS SPECIFIED

This work shall consist of preparing the seed bed, and furnishing, transporting and placing the seed, fertilizer and mulch required to restore all disturbed earth surfaces according to Sections 250 and 251 of the “Standard Specifications for Road and Bridge Construction”.

The Contractor shall guarantee a minimum of 95 percent uniform growth over the entire seeded areas(s). Areas sustaining less than 95 percent uniform growth shall be interseeded or reseeded, as determined by the Engineer, at no additional cost.

STONE RIPRAP, CLASS A3

This work shall consist of furnishing, transporting and placing a protective course of stone as shown on the plans, according to Section 281 of the "Standard Specifications for Road and Bridge Construction", except as modified herein.

Filter fabric for use with riprap is required and shall be installed according to Section 282 of the "Standard Specifications for Road and Bridge Construction". A fabric weight of 6 oz. / sq. yd. shall be used.

The stone riprap shall be gradation RR 3, quality designation A. The minimum thickness of riprap shall be 12 in.

This work shall include all excavation and material necessary for proper installation of the riprap. Filter Fabric will be included with this item.

PROCESSING MODIFIED SOIL, THICKNESS SPECIFIED

This work shall consist of constructing a modified soil layer composed of soil, water and a mixture of lime and fly ash according to Section 302 of the “Standard Specifications for Road and Bridge Construction”.

The soil modifier shall consist of dry lime or a mixture of dry lime and fly ash at the locations shown on the plans, and as directed by the Engineer. The estimated lime-to-soil (by dry weight) ratio is 5 percent. Areas of silty subgrade materials containing less than 10 percent clay is estimated to require a mixture of 3 percent lime and 7 percent fly ash.

The application of modifiers shall be accomplished by slurry placement method or with a mechanical spreader capable of applying the modifier uniformly and minimizing the airborne release of dry modifiers, or other method approved by the Engineer.

INCIDENTAL HOT-MIX ASPHALT SURFACING

This work shall consist of the preparation of the base, the application of bituminous priming material and aggregate, and the construction of a hot-mix asphalt (HMA) surface on a prepared base at the locations shown on the plans according to Section 408 the "Standard Specifications for Road and Bridge Construction."

Bituminous prime coat and prime coat aggregate are required, but will not be measured separately for payment.

This work shall include the bituminous priming material and aggregate for covering the prime coat.

PORTLAND CEMENT CONCRETE PAVEMENT, THICKNESS SPECIFIED

This work shall consist of constructing a Portland cement concrete pavement according to Section 420 of the "Standard Specifications for Road and Bridge Construction," except as modified herein.

All references to Sections or Articles in this specification shall be understood to mean a specified Section or Article of the "Standard Specifications for Road and Bridge Construction".

Article 420.03(b). A formless paver will not be required.

Article 420.03(c). A mechanical concrete spreader will not be required.

Article 420.03(d). A finishing machine will not be required.

Article 420.03(e). A mechanical longitudinal float will not be required.

Article 420.03(f). A concrete finisher float will not be required.

Article 420.03(h). Power driven finishing machines, including vibratory screeds and truss-type vibratory screeds, which are specifically designed for finishing concrete pavement and meet the approval of the Engineer, will be allowed.

Hand held fogging equipment capable of spraying a uniform application of membrane curing compound and maintaining constant pressure meeting the approval of the Engineer, will be allowed.

Article 420.09(a) (1).Revise this Article as follows:

After the concrete has been struck off, it shall be given the required consolidation by the vibratory method or by other means which will obtain a uniform and satisfactory density throughout the pavement. If the vibratory method is used, the vibrating impulses shall be applied directly to the concrete through an apparatus especially designed for this purpose in a manner that the vibratory impulses are transmitted through the concrete mass with sufficient intensity to consolidate it throughout its entire depth and width. Not more than one pass of the vibratory equipment shall be made through the pavement.

Article 420.09(a) (3).Revise the first sentence of this Article to read as follows:

Vibrating screed. An approved vibrating screed may be used to strike off, consolidate and finish pavement.

Article 420.09(b). Longitudinal Float Hand Method will be permitted if approved by the Engineer.

Article 420.09(e). Type B final finish shall be used throughout the project unless directed otherwise by the Engineer.

TIE BARS & REINFORCEMENT BARS

This work shall consist of furnishing and placing tie bars and reinforcement bars in concrete pavement according to Sections 420 of the "Standard Specifications for Road and Bridge Construction", except as modified herein:

All tie bars and reinforcement bars used in Portland cement concrete pavement shall be epoxy coated.

DETECTABLE WARNINGS

This work shall consist of constructing detectable warning surfaces in curb ramps and other locations shown on the plans according to Articles 424.09 of the "Standard Specifications for Road and Bridge Construction" and Highway Standard 424001 and 424026, and as modified herein:

Materials shall be one of the following types:

Precast concrete panels, reinforced with stainless steel prestressed tendons. Concrete shall contain a waterproofing admixture and be surface treated with penetrating sealer, incorporating raised, truncated domes.

Surface applied polyurethane detectable warning mat, using exterior grade tactile warning surface, incorporating truncated domes.

Cast-in-Place panel paver system. Paver units shall consist of a homogeneous glass and carbon-reinforced composite which is colorfast and UV stable.

Polymer concrete detectable warning panels or tile, incorporating truncated domes.

Color shall be black.

Panel sections shall be of equal size and dimensions with no fragments unless approved by the Engineer.

Detectable warning panels shall be protected when applying curing compound to the adjoining concrete sidewalk. Any overspray on the panels shall be cleaned immediately to the satisfaction of the Engineer.

Joints between panels and around the perimeter of the panels shall be caulked with a self-leveling (pour grade), or nonsag (gun) grade urethane sealant. The color of the sealant shall be limestone, unless otherwise approved by the Engineer.

The concrete thickness under the panels shall be increased 1 inch. The subgrade shall be well-drained and properly compacted. Forms shall be positioned for proper grade, slope, and uniform slab thickness.

Detectable warning panels shall be placed as shown in the drawings and shall have visual contrast with the adjoining concrete surface. Adequate drainage shall be provided to prevent the accumulation of water and debris at the bottom of the ramp.

Panels shall be installed immediately in fresh concrete and adjusted to grade to ensure 100% surface contact with square edges of panels butted tightly together. The base of the truncated domes shall be set flush with the adjoining concrete surface. The maximum tolerance between the panels and the adjoining surface is 1/16 inch. Immediately after placement, the panels shall be checked for slope, elevation and proper grade. The concrete around the panels shall be edged with 1/8 in. radius edger and finished according to the contract specifications.

HOT-MIX ASPHALT SHOULDERS

This work shall consist of constructing a hot-mix asphalt (HMA) shoulder on a prepared subgrade, existing paved shoulder, or subbase at the locations shown on the plans according to Section 482 of the "Standard Specifications for Road and Bridge Construction."

Whenever HMA shoulders are constructed adjacent to a pavement constructed on an improved subgrade and additional material is needed to extend the improved subgrade to the bottom of the HMA shoulder, the additional material shall be subbase granular material, Type C, according to Section 311.

Subbase granular material Subbase granular material Type C, if required, will not be measured separately. The work of constructing this additional thickness of material shall be considered as included in this work.

PORTLAND CEMENT CONCRETE SHOULDERS

This work shall consist of constructing Portland cement concrete shoulders on a prepared subgrade or subbase at the locations should on the plans according to Section 483 of the "Standard Specifications for Road and Bridge Construction."

Whenever HMA shoulders are constructed adjacent to a pavement constructed on an improved subgrade and additional material is needed to extend the improved subgrade to

the bottom of the HMA shoulder, the additional material shall be subbase granular material, Type C, according to Section 311.

Subbase granular material Type C, if required, will not be measured separately. The work of constructing this additional thickness of material shall be considered as included in this work.

PORTLAND CEMENT CONCRETE "V" - GUTTER

This work shall consist of constructing Portland cement concrete "V" - Gutter as shown on the plan details, at the locations should on the plans, and according to Section 606 of the "Standard Specifications for Road and Bridge Construction."

PORTLAND CEMENT CONCRETE SIDEWALK, VARIABLE

This work shall consist of constructing Portland cement concrete sidewalk of variable thickness at the locations should on the plans according to Section 420 of the "Standard Specifications for Road and Bridge Construction."

This work shall consist of saw cutting and removing a concrete sidewalk structure of variable thickness and replacing a Portland cement concrete sidewalk of variable thickness (not less than 5") to connect the proposed pedestrian path to the existing concrete sidewalk, approximately station 89+35 LT, at slopes that meet ADA requirements. Proposed trail slope may be adjusted if needed to meet ADA requirements with approval of the Engineer.

PIPE CULVERT REMOVAL

This work shall consist of the removal and satisfactory disposal of existing pipe culverts, and end sections according to Section 501 of the "Standard Specifications for Road and Bridge Construction."

The Contractor shall dispose of all culverts according to Article 202.03 of the "Standard Specifications for Road and Bridge Construction".

Trenches resulting from the removal of existing culverts shall be backfilled according to Article 550.07 of the "Standard Specifications for Road and Bridge Construction" and according to the special provision for TRENCH BACKFILL. Trench backfill for pipe culvert removal, if required, will not be measured separately for payment.

PAINT PAVEMENT MARKINGS, TYPE SPECIFIED

This work shall consist of furnishing and applying pavement marking according to Section 780 of the “Standard Specifications for Road and Bridge Construction”.

This work shall include application of two coats of paint for all paint pavement markings.

CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED

This work shall consist of removing existing chain link fencing, maintaining the fence in a temporary location, and permanently resetting the fence, including posts, gates and accessories at the locations shown on the plans according to Section 664 of the “Standard Specifications for Road and Bridge Construction” and Highway Standard 664001.

The Contractor shall verify the limits of fence removal with the Engineer in the field, before any fencing is removed.

Existing materials shall be carefully disassembled, to prevent damage. All material that is not satisfactory for re-use, in the opinion of the Engineer, shall be replaced and payment therefore will be made. All material that is damaged by the Contractor due to his negligence shall be replaced by the Contractor at his expense. Material used for replacement shall be the same kind as, or equal to, the material being replaced. All material removed and not re-used shall become the property of the Contractor.

The Contractor shall contact each affected property owner prior to re-erecting the fences and shall obtain the property owner’s acceptance of the work. Acceptance shall be indicated either in writing or in the presence of the Engineer. If a conflict between the Contractor and the property owner arises, the Engineer will determine if the fence is acceptable.

This work will be measured in place along the top of the fence from center to center of end posts, including the length occupied by gates. No additional compensation will be allowed for the removal and replacement of any concrete encased fence posts.

CONTRACTOR ACCESS

At road closure locations, where Type III barricades are installed in a manner that will not allow Contractor access to the project without relocation of one or more of the barricades, the arrangement of the barricades at the beginning of each work day may be relocated, when approved by the Engineer, in the manner shown on Highway Standard 701901. At the end of each work day, the barricades shall be moved and the road shall be closed to traffic.

The cost incurred by the Contractor in complying with this requirement shall be considered included in the contract unit prices bid for the various items of traffic control work involved and no additional compensation will be allowed.

BOLLARD ASSEMBLY

This work shall consist of furnishing, installing and painting bollards at the locations shown on the plans and details, and as directed by the Engineer.

This work for BOLLARDS ASSEMBLY shall include set of three bollards at each location, all primer, paint, reflective caution sheeting, concrete, rebar and foundation work as detailed on the plans and to match those on the adjacent Madison County Transit District bike trail.

At locations near gas mains or other utilities care shall be taken to protect the utility when placing bollards. Bolt on type bollards may be used in locations where bollard foundations would conflict with utilities as approved by the Engineer.

BOX CULVERT END SECTIONS, SIZE SPECIFIED

This work shall consist of constructing cast-in-place concrete or precast concrete box culvert end sections in accordance with applicable portions of Section 540 of the "Standard Specifications for Road and Bridge Construction" and as noted on the plans.

FENCE REMOVAL

This work shall consist of the removal and satisfactory disposal of existing fencing, including posts, gates and accessories at the locations shown on the plans as directed by the Engineer.

This work for FENCE REMOVAL, will be measured in place along the top of the fence from center to center of end posts, and shall include all labor and equipment necessary to remove and dispose of the fencing materials.

STORM SEWER (WATER MAIN REQUIREMENTS) TYPE & DIAMETER SPECIFIED

This work shall consist of constructing storm sewers to meet water main standards, as required by the IEPA or when otherwise specified. This work shall be performed according to Section 550 of the "Standard Specifications for Road and Bridge Construction", IEPA Regulations (35 Ill. Adm. Code 653.119), the "Standard Specifications for Water and Sewer Construction in Illinois", and as specified herein.

This provision shall govern the installation of all storm sewers which do not meet IEPA criteria for separation distance between storm sewers and water mains according to Section 41 of the “Standard Specifications for Water and Sewer Construction in Illinois”. Separation criteria for storm sewers placed adjacent to water mains and water services are as follows:

1. Water mains and water service lines shall be located at least 10 ft. horizontally from any existing or proposed drain, storm sewer, sanitary sewer, combined sewer or sewer service connection.

2. Water mains and water service lines may be located closer than 10 ft. to a sewer line when:

    a) local conditions prevent a lateral separation of 10 ft., and

    b) the water main or water service invert is 18 in. above the crown of the sewer, and

    c) the water main or water service is either in a separate trench or in the same trench on an undisturbed earth shelf located to one side of the sewer.

3. A water main or water service shall be separated from a sewer so that its invert is a minimum of 18 in. above the crown of the drain or sewer whenever water mains or services cross storm sewers, sanitary sewers or sewer service connections. The vertical separation shall be maintained for that portion of the water main or water services located 10 ft. horizontally of any sewer or drain crossed. A length of water main pipe shall be centered over the sewer to be crossed with joints equidistant from the sewer or drain.

When it is impossible to meet criteria 1, 2, or 3 above, the water main and drain or storm sewer shall be constructed of slip-on or mechanical joint ductile iron pipe, pre-stressed concrete pipe or PVC pipe equivalent to water main standards of construction. Construction shall extend on each side of the crossing until the perpendicular distance from the water main or water service to the sewer or drain line is at least 10 ft.

Storm sewers constructed to meet water main standards shall be constructed of the following pipe materials:

<u>Concrete Pressure Pipe</u>

Concrete Pressure Pipe shall be used when the proposed pipe is located under pavement.

Concrete pressure pipe shall conform to the latest AWWA Standard C300, C301 and C303; and shall be of thickness class appropriate to the installation conditions.

Joints shall conform to Article 41-2.07B of the "Standard Specifications for Water and Sewer Construction in Illinois."

Plastic Pipe

Polyvinyl Chloride (PVC) and Chlorinated Polyvinyl Chloride (CPVC) shall be in accordance with Article 40-2.01C of the “Standard Specifications for Water and Sewer Construction in Illinois”.

In addition to these pipes, reinforced concrete culvert, storm drain, and sewer pipe shall also be allowed for water-sewer line crossing but not for parallel construction. The reinforced concrete pipe shall conform to ASTM C-76 of the class required by Article 550.03 of the Standard Specifications with the joints conforming to ASTM C 361 and C 433.

Jointing shall be pressure slip jointed, solvent welded, heat welded, flanged, or threaded joint. Special precautions shall be taken to insure clean, dry contact surfaces when making solvent or heat welded joints. Adequate setting time shall be allowed for maximum strength.

Elastomeric seals (gaskets) used for push-on joints shall comply with ASTM Standard F 477 and shall be pressure rated in accordance with ASTM D 3139.

Solvent cement shall be specific for the piping material and shall comply with the ASTM Standard D2564 (PVC) and F493 (CPVC) and be approved by NSF.

TRENCH DRAIN WITH ADA COMPLIANT GRATE, WIDTH SPECIFIED

This work shall consist of constructing trench drains with cast iron grates at the locations shown on the plans and according to the construction details on the plans and applicable portions of Section 602 of the "Standard Specifications for Road and Bridge Construction". Trench drains shall include all materials necessary to construct and install the trench drain and grates including all associated reinforcement bars, concrete, expansion joint material, and backfill material.

The Contractor shall submit shop drawings to the Engineer for approval according to Articles 1042.03(b) and 105.04 of the "Standard Specifications for Road and Bridge Construction".

The grates shall be set to match the finished elevation of the proposed adjacent trail pavement and shall meet ADA requirements.

TRENCH DRAIN WITH CONCRETE TRENCH SLAB, WIDTH SPECIFIED

This work shall consist of constructing trench drains with concrete slab tops at the locations shown on the plans and according to the construction details on the plans and applicable portions of Section 602 of the "Standard Specifications for Road and Bridge

Construction". Trench drains shall include all materials necessary to construct and install the trench drain and concrete trench slab including all associated reinforcement bars, concrete, expansion joint material, and backfill material.

The Contractor shall provide a slab design including slab thickness, rebar design, and slab sizes for approval by the Engineer. The Contractor shall submit shop drawings to the Engineer for approval according to Articles 1042.03(b) and 105.04 of the "Standard Specifications for Road and Bridge Construction".

After the water sheen has disappeared, the surface of the concrete trench slab top shall be given a broom finish. The broom shall be drawn across the driveway at right angles to the edges of the path, with adjacent strokes slightly overlapping, producing a uniform, slightly roughened surface with parallel broom marks.

The concrete trench slab top shall be set to match the finished elevation of the proposed adjacent trail pavement and shall meet ADA requirements.

PRECAST CONCRETE PARKING BLOCKS

This work shall consist of furnishing and installing precast concrete parking blocks at the required locations and according to the construction details shown on the plans.

Materials shall be precast concrete or recycled yellow plastic, filled with concrete. Parking blocks shall be set two feet from the end of the parking space. Parking blocks shall be secured in place with 5/8 in. x 24 in. iron pins driven through the pavement. Pilot holes shall be drilled through concrete parking lot pavement prior to driving the iron pins.

REMOVE AND RE-ERECT BOULDERS

This work shall consist of removing landscaping boulders as indicated on the plans and as indicated by the Engineer. Boulders shall be removed from the proposed pedestrian and bicycle trail pavement limits and temporary placed in a location outside of work area. Upon completion of the pavement the boulder shall be relocated to a permeant location outside of the pavement limits as directed by the Engineer.

Care shall be taken to prevent damage to the boulders during moving and storage. The Contractor shall be responsible for any damaged cost during removal, storage, and relocating the boulder.

This work shall include preparation of the ground at the proposed boulder location to provide a level ground clear of landscaping material and vegetation.

TRIM TREES

This work shall consist of pruning trees to provide clearance over and adjacent to the proposed pedestrian and bicycle paths. This work shall be in accordance with details shown on the plans, applicable portions of Section 201 of the “Standard Specifications for Road and Bridge Construction” and as directed by the Engineer.

Plant material within 2 ft horizontally of the edge of pavement and 8 ft vertically from the finished pavement surface shall be pruned. Pruning for other safety purposes shall be as directed by the engineer.

This work will not be measured but shall be considered as Lump Sum for all pruning and trimming of trees and vegetation along the entire project.

SIGN PANEL ASSEMBLY

This work shall consist of furnishing and installing sign panel assemblies at the required locations show on the plans and in accordance with applicable portions of Sections 720, 728, and 730 of the “Standard Specifications for Road and Bridge Construction”, the Manual on Uniform Traffic Control Devices and as directed by the Engineer. This work shall include sign panels, complete with sign faces, legend, supplemental panels, posts, mounting hardware, and appurtenances.

All sign panel assemblies shall be mounted on wooden sign posts unless otherwise noted in the plans.

Sign panel assemblies will be measured as each and shall include the post, all sign panels, supplemental panels, and appurtenances.

TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

This work shall consist of furnishing, installing, maintaining and removing all traffic control devices for traffic control and protection as shown on Highway Standards 701001, 701006, 701501, 701801, 701901, BLR 17, BLR 21, and BLR 22 included in the plans, according to the TRAFFIC CONTROL PLAN, according to Section 701 of the "Standard Specifications for Road and Bridge Construction", as directed by the Engineer and as specified herein.

Prior to beginning work on the project, the Contractor shall furnish and install Type III barricades and advance warning signs as shown on the TRAFFIC CONTROL PLAN and as detailed in the applicable Highway Standards. Barricade placement and sign spacing may be adjusted by the Engineer to suit field conditions.

Throughout the construction period, all material piles, equipment, open excavations or other obstructions or hazards to motorists or pedestrians shall be enclosed by fences or

protected by barricades and proper lighting. Excavations adjacent to the edge of pavement shall be protected with extended leg barricades with appropriate lights.

Traffic control and protection according to Highway Standard 701001 will be required when workers, vehicles, or equipment are more than 15' off of the edge of pavement on Collinsville Road, Spring Valley Road, and Riggin Road.

Traffic control and protection according to Highway Standard 701006 will be required when workers, vehicles, or equipment encroach onto the lane adjacent to the shoulder, or on the shoulder within 24 in. of the edge of pavement on Collinsville Road for daylight operations only.

Traffic control and protection according to Highway Standard 701501 will be required along Collinsville Road during the entire time period that Spring Valley Road is closed to thru traffic.

Traffic control and protection according to Highway Standard 701901 will be required when paths and sidewalk are closed throughout the project.

Type III barriers according to Highway Standard 701801 will be required for path and road closures.

Traffic control and protection according to BLR 17, 21, and 22 will be required the entire time period that Spring Valley Road is closed to thru traffic.

Traffic Control and Protection required for the successful completion of this project will be furnished, installed, maintained, removed, measured and paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, (SPECIAL), which price shall include all work as specified herein and all other provisions required by law for the protection and safety of property and individuals in a construction zone.

INFORMATION KIOSK

This work shall consist of constructing kiosks according to the details shown on the plans and Section 507 of the "Standard Specifications for Road and Bridge Construction".

The timber products shall comply with the applicable requirements of Section 1007 of the "Standard Specifications for Road and Bridge Construction" except that the preservative treatment shall only be a "Water-Borne Preservative".

Wood shingles shall be Red Cedar, No. 1 grade, hand split with backside re-sawn.

Roofing paper shall be of an asphalt impregnated felt type commonly used in roofing construction.

Plexiglas shall be 5mm (3/16 inch) thick of the type commonly used in exterior building construction.

Fasteners shall be stainless steel in accordance with Article 1006.31(a) of the “Standard Specifications for Road and Bridge Construction” and countersunk.

Concrete foundations of the type and size specified on the plans, shall be constructed according to the applicable requirements of Section 503 of the “Standard Specifications for Road and Bridge Construction.”

The edges and sides of the plywood for mounting an information map shall receive two coats of clear U. V. protected polyurethane.

All components shall be installed closely fitted, accurately set in place, and securely fastened using appropriate fasteners approved by the Engineer.

The Contractor shall submit to the Engineer the following items before construction begins:

Assembly – Plan showing completed assembly.
Wood Shingles, Roofing paper, Plexiglas, Fasteners – Product Data.

This work shall include all appurtenances and supports as detailed on the plans.

BIKE RACK

This work shall consist of furnishing and installing bike racks at locations and according to the details shown on the plans.

Bike rack shall be Metro 9-bike / 7 loop rack, powder coated, and shall be ground mounted in accordance with manufacturers recommendations.

CONCRETE PAD

This work shall consist of furnishing and installing concrete pads at locations, according to the details shown on the plans and applicable portions of Section 420 of the “Standard Specifications for Road and Bridge Construction”.

AREA INLET

This work shall consist of constructing precast inlets as shown on the plans, together with the necessary cast iron frames and grates according to Section 602 of the "Standard Specifications for Road and Bridge Construction".

Each structure shall have a precast reinforced concrete flat slab top. The Contractor shall submit shop drawings to the Engineer for approval according to Articles 1042.03(b) and 105.04 of the "Standard Specifications for Road and Bridge Construction".

The required casting to be set into the precast concrete lid shall be a light-duty manhole frame and solid lid

This work shall include furnishing and installing the required frame and grate, all excavation and backfill, connecting and grouting the proposed storm sewers, pouring the concrete invert.

WOODEN BRIDGE STRUCTURE REMOVAL

This work shall consist of removing an existing wooden foot bridge from the location shown on the plans. The bridge shall be relocated to the park maintenance shed or as directed by the Engineer for future use by the park district. The contractor shall remove and relocate the bridge without damaging the wooded structure.

STATUS OF UTILITIES TO BE ADJUSTED

NAME AND ADDRESS OF UTILITY	TYPE	LOCATION	ESTIMATED DATE OF COMPLETION
ADB Companies (MCI) 18777 US Highway 66 Pacific, MO 63069 Contact Person: Lonnie Berg Phone: (314) 684-4350	Fiber Optics	East side of Spring Valley Road from US40 to Collinsville Road	No known conflict
Ameren IP (South) 2600 North Center Maryville, IL 62062 Contact Person: Erica Sykut Phone: 618-920-2497 Penny Cunningham Phone: 618.346.1275	High Pressure Gas Gas Distribution	Existing high pressure gas main runs along the length the project from US 40 to the north side of Tri-Township Park. The proposed pedestrian path and culverts are directly over the gas main throughout the north/south portion of the pedestrian path. Existing gas distribution main is located at the intersection of Collinsville Road and Spring Valley Road. The propose pedestrian path crosses the gas main at approximately station 37+75	Ameren representative must be onsite when working near pipeline including tree removal. Hand digging is required within 2' of pipeline.
AT&T Distribution 203 Geothe Street Collinsville, IL 62234 Contact Person: Kevin Urbanek Phone: (618) 346-6400	Telephone	Potential conflict at 105+75LT culvert crossing. Power pole to be relocated at the southwest quadrant of Spring Valley Road and Collinsville Road.	TBD
Buckeye Pipeline Company One Greenway Plaza Suite 600 Houston, TX 77046 Contact Person: Nick Thuenemann Phone: (314) 202-3910	Gas	Gas main crosses proposed pedestrian path at approximately 48+30, 48+45, 97+50, and 97+65	Buckeye representative must be onsite when working near pipeline. Hand digging is required within 2' of pipeline.
Charter (Communications) 815 Charter Commons Town & Country, MO 63017 Contact Person: Bill Vester Phone: 618-779-5408	Cable	No known conflicts	No known conflicts
City of Troy (Water & Sewer) 116 East Market Street Troy, IL 62294 Contact Person: Rob Hancock Phone: (618) 667-9924	Water	Watermain runs along the east side of Spring Valley Road from US40 to Collinsville Road. Proposed pedestrian path is over water main in multiple locations. Proposed storm sewer crosses the water main at approximately Sta. 36+86LT, 37+25LT and 37+41 LT	No adjustments anticipated

Kinder Morgan Natural Gas Pipeline 7501 Huey Road Centralia, IL 62801 Contac Person: Brian Kuhl Phone: (618) 660-6036	Gas	Gas main is located on east side of Spring Valley road from US 40 to approximately Sta. 10+50.	Kinder Morgan representative must be onsite when working near pipeline. Hand digging is required within 2' of pipeline
MCI Facilities 7000 Weston Parkway Cary, NC 27513	Communication	Facility location unknown	
Southwestern Electric Coop 10031 Ellis Road St. Jacob, IL 62281 Contact Person: Mary Curry 1-800-637-8667 ext 4218	Electric	No known conflicts	No known conflicts

The above represents the best information of the Department or responsible Local Agency and is only included for the convenience of the Contractor. The applicable provisions of Section 102 and Articles 105.07, and 107.20 of the "Standard Specifications for Road and Bridge Construction" shall apply.

Minor adjustments of residential service lines may be necessary to accommodate construction. All such adjustments will be made by their respective owners during construction.

Underground facilities, structures and utilities have been plotted from available surveys and records. Their locations must be considered to be approximate only. It is possible there may be others, the existence of which is not presently known or shown. Such information represents only the opinion of the Local Agency and their Engineer as to the location of such utilities and is only included for the convenience of the bidder. The Local Agency and their Engineer assume no responsibility in respect to the sufficiency or the accuracy of the information shown on the plans relative to the location of underground utility facilities.

If any utility adjustment or removal has not been completed when required by the Contractor's operation, the Contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's operations were affected.

IDOT ACCESS PERMIT

Contractor is required to execute an IDOT Access Permit and obtain a $20,000 surety bond as part of the intersection work on Collinsville Road. The plans have been coordinated with the State and the permit is anticipated to be ready for the awarded contractor.