



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

January 13, 2014

CALL NO. 301
CONTRACT ID NO. 141004
ADDENDUM # 1

Subject: Knox County, FD04 SPP 061 0011 009-011
Letting January 24, 2014

- (1) Revised - Plan Sheet - General Note - S02
- (2) Added - Special Notes - Pages 19(a)-19(c) of 119
- (3) Added - Special Note - Page 19(d) of 119
- (4) Added - Right-of-Way Certification Form - Pages 19(e)-19(g) of 119
- (5) Revised - Bid Items - Pages 116-119 of 119

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith
Acting Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

BRIDGE CONSTRUCTION OVER CSXT RAILROAD:

All costs associated with flagging services will be the responsibility of KYTC.

Any information or data necessary for this work and not presented in these plans is the responsibility of the contractor.

Any work on railroad right-of-way shall require CSXT Railroad flagging service.

Contractor shall submit as-built drawings to CSXT Railroad indicating actual clearances as constructed.

RAILROAD:

Refer to the special provisions for protection of CSXT interest for additional requirements regarding work on or above railroad property, scheduling, insurance needs, etc.

The Contractor shall submit to CSXT, a detailed progress of work schedule for work in the span(s) over the Railroad.

The Contractor shall obtain railroad protective insurance required by CSXT and noted in the special provisions.

CSXT may require the Contractor to install filter fabric over the track and ballast to prevent any concrete dust or other construction debris from fouling the ballast. This will be determined during actual construction activities by CSXT or its Representative. Fabric should extend at least 25' beyond the outside edges of the bridge. Fabric will remain in place until all construction activities are complete.

Temporary construction Clearance:

Ensure all falsework, bracing or forms have a minimum vertical clearance of 23 feet above the top of highest rail and a minimum horizontal clearance of 12 feet measured perpendicular to the centerline of the nearest track.

Cofferdams/Shoring Adjacent to Railroad Tracks:

The Contractor shall protect railroad embankment and tracks with cofferdams or sheeting when excavating adjacent to any active tracks. Contractor shall follow the current edition of CSXT's "Construction Submission Criteria", section IV - Excavation and Shoring. Contractor will be required to prepare a submittal package that includes, but not limited to: plans sheets, shoring systems, structural members, details of connections, lateral pressure calculations, allowable stresses in materials, construction procedures, safety railings, etc., all in accordance to CSXT specifications. Drawings and calculations shall be prepared by a registered professional engineer and shall bear his seal and signature. The procedure must be approved by CSXT's Engineering Department or its Representative. CSXT requires at least 30 days to review submittals in order to provide comments and/or approvals.

Bridge Demolition:

The Contractor shall follow the current edition of CSXT's "Construction Submission Criteria", section II - Demolition Procedure. Contractor will be required to submit a detailed procedure for removing the spans over railroad track(s) and all adjacent spans. The procedures shall include: plans sheets, location of cranes, loading or disposal locations, operating radii, crane charts, boom plans, data sheets, demolition shield design, design calculations, weights of picks, etc., all in accordance to CSXT specifications. All lifting equipment and connection devices shall have a capacity for 150% of the actual lifting load. The factor of safety provided by the manufacturer in the lifting capacity data shall not be considered in the 150% requirements. Drawings and calculations shall be prepared by a registered professional engineer and shall bear his seal and signature. The demolition procedure must be approved by CSXT's Engineering Department or its Representative. CSXT requires at least 30 days to review submittals in order to provide comments and/or approvals.

Beam Erection:

The Contractor shall follow the current edition of CSXT's "Construction Submission Criteria", section III - Erection Procedure. Contractor will be required to prepare a submittal package that includes, but not limited to: plans sheets, location of cranes, pick locations, operating radii, crane charts, boom plans, data sheets, weights of picks, etc., all in accordance to CSXT specifications. All lifting equipment and connection devices shall have a capacity for 150% of the actual lifting load. The factor of safety provided by the manufacturer in the lifting capacity data shall not be considered in the 150% requirements. Drawings and calculations shall be prepared by a registered professional engineer and shall bear his seal and signature. The Beam Erection procedure must be approved by CSXT's Engineering Department or its Representative. CSXT requires at least 30 days to review submittals in order to provide comments and/or approvals.

Upon completion of the work on CSXT property, the Contractor shall request the Agency to arrange a final inspection of the project with the Railroad's Project Engineer or his authorized representative.

REVISION		DATE
DATE:	NOVEMBER, 2013	CHECKED BY
DESIGNED BY:	D.H. DEITZ	C.M. GREENWELL
DETAILED BY:	J.A. ROSE	C.M. GREENWELL

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY
KNOX
ROUTE
KY 11 CROSSING
CSX RAILROAD

GENERAL NOTES		<small>SHEET NO.</small> S02
<small>PREPARED BY</small> PALMER ENGINEERING CO.		<small>DRAWING NO.</small> 26778

ITEM NUMBER
11-150.00

SPECIFICATIONS:

All references to the Standard Specifications are to the 2012 edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction, with current supplemental specifications. All references to the AASHTO Specifications are to the 6th edition (2012) of the AASHTO LRFD Bridge Design Specifications.

LIVE LOAD:

This bridge is designed for KYHL-93 which is 1.25 times the HL-93 live load.

WIND LOAD:

This bridge is designed for a wind load based on a wind velocity of 100 mph.

FUTURE WEARING SURFACE:

The bridge has been designed for a future wearing surface weight of 60 psf.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Reinforced Concrete: f'c = 3500 PSI
 For Class "AA" Reinforced Concrete: f'c = 4000 PSI
 For Steel Reinforcement: fy = 60,000 PSI
 For Structural Steel Piling: fy = 50,000 PSI

CONCRETE:

Class "AA" concrete is to be used throughout the Slab, Barriers, and Diaphragms. Prestressed girder concrete shall be in accordance with the plans and Specifications. All other concrete shall be Class "A" unless otherwise noted.

FOUNDATION DATA:

See Foundation Layout Sheet.

DIMENSIONS:

Dimensions are for a normal temperature of 60 degrees F. Layout dimensions are horizontal measurements. Stationing and elevations are in feet.

REINFORCEMENT:

Dimensions shown from the face of concrete to bars are to center of bars unless otherwise shown. Spacing of bars is from center to center of bars. Clear distance to face of concrete is 2 inches unless otherwise noted. Any reinforcing bars designated by suffix (e) in the Plans shall be epoxy coated in accordance with Section 811.10 of the Standard Specifications.

Any reinforcing bars designated by suffix (s) in a Bill of Reinforcement shall be considered a stirrup bar for purposes of bend diameters.

APPROACH SLAB:

The unit price bid per square yard of approach slab shall include the cost of Class "AA" concrete, epoxy coated reinforcement, 4" DGA, and all requirements as outlined in "Special Note for Joint Sealing Compounds for Bridge Decks and Approach Slabs" necessary to construct the approach slab.

STAY-IN-PLACE METAL FORMS:

The use of STAY-IN-PLACE Metal Formwork for the bridge deck is permitted provided the corrugations are filled with Styrofoam.

ELECTRICAL CONDUIT:

The lump sum bid for this item shall include furnishing all junction boxes, conduit, and other materials and labor necessary for placing those materials in accordance with the plans and specifications.

SAWCUTTING EXISTING CONCRETE:

Prior to the removal of the existing concrete masonry, cut the surface with a concrete saw to a depth of 1 inch to facilitate a neat line. The cost of cutting concrete shall be included in the unit price bid for removing concrete masonry.

EXISTING CONDITIONS:

The contractor shall field verify all dimensions prior to ordering materials. Any discrepancies between field measured dimensions and the dimensions specified in the plans shall be reported to the Engineer.

EXISTING BRIDGE PLANS:

As an aid to the contractor, the plans of the existing bridge are available from the Division of Structural Design upon request. The completeness of these drawings is not guaranteed and no responsibility is assumed by the Kentucky Transportation Cabinet for their accuracy. The drawing number for the plans of the existing structure is 15910.

DRILL AND GROUT REINFORCEMENT:

The contractor shall locate and avoid existing main longitudinal reinforcement and shear stirrups during the drilling and grouting operations. Bars to be placed by drilling and grouting may be shifted slightly to avoid existing reinforcement.

Steel reinforcement that is to be drilled and grouted into the existing pier cap shall be done in accordance with standard specification section 511.

PLACING NEW CONCRETE AGAINST EXISTING CONCRETE:

Blast clean all areas of existing concrete to come into contact with the new concrete until free of all laitance and deleterious substances immediately prior to the placement of new concrete. Care shall be taken to contain and collect spent abrasives. The Engineer shall approve contractor's containment/collection plan before abrasive blasting commences. The surface areas of existing concrete to come into contact with an epoxy bond coat immediately prior to placing new concrete in accordance with standard specification section 511.

SHOP DRAWINGS:

Submit shop drawings that are required by the plans and specifications directly to the Consultant. If changes in the design plans are proposed by a fabricator or supplier, submit those changes to the Consultant. Submit all final, approved shop drawings to the Division of Structural Design.

CONSTRUCTION IDENTIFICATION:

The names of the prime contractor and the sub-contractor shall be imprinted in the concrete with 1" letters at a location designated by the engineer. The contractor shall furnish all plans, equipment and labor necessary to do the work for which no direct payment will be made.

ON-SITE INSPECTION:

Each contractor submitting a bid for this work shall make a thorough inspection of the project site prior to submitting a bid and shall be thoroughly familiarized with existing conditions so that work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department of Highways.

SLOPE PROTECTION:

Slope protection shall be crushed aggregate slope protection in accordance with the plans and specifications.

TEMPORARY SUPPORTS:

Temporary supports or shoring will not be permitted under the beams when pouring the concrete floor slab or when taking "top of beam" elevations.

MASONRY COATING, CONCRETE STAIN, AND SEALER:

See special note for concrete stain and sealer. Smooth surfaces to receive concrete stain shall receive an ordinary surface finish or floated finish as provided for in Section 601.03.18 of the Standard Specifications.

PILING:

Piling shall be driven to refusal. Test piles shall be driven where designated on the plans to determine the length of the pile required. All test piles shall be accurately located so that they may be used in the finished structure.

A hammer with a minimum energy of 23 kip-ft. is required to drive the piles to bedrock if driven without pre-drilling or to the pile tip bearing elevation if pre-drilled without encountering excessive blow counts and overstressing the piles. The contractor shall submit the proposed pile driving system to the Department for approval prior to the installation of the first pile. Approval of the pile driving system by the Engineer will be subject to satisfactory field performance of the pile driving procedures.

If the contractor chooses to attempt to drive the piles at the end bents without predrilling and is successful, no payment will be made for predrilling.

PILE POINTS:

Pile points are required at abutments and piers. Pile points shall be the type for driving through boulders and in accordance with subsection 604.03.04(c) of the Standard Specifications.

BEVELED EDGES:

All exposed edges shall be beveled 3/4" unless otherwise shown.

COMPLETION OF THE STRUCTURE:

The Contractor is required to complete the structure in accordance with the plans and specifications. Material, labor or construction operations, not otherwise specified, are to be included in the bid item most appropriate to the work involved. This may include cofferdams, shoring, excavations, backfilling, removal of all or parts of existing structures, phase construction, incidental materials, labor, or anything else required to complete the structure.

MECHANICAL REINFORCEMENT COUPLERS:

Mechanical Butt Splice couplers shall develop a minimum tensile strength of 125 percent of the specified yield strength of the reinforcing steel. The contractor shall submit, with the required shop drawings, details and/or catalog cuts for the particular mechanical coupler that will be used. See section 602.03.06 for coupler test requirements. Coordinate reinforcing bar lengths per coupler and construction phasing requirements. The cost for furnishing and installing the mechanical couplers will be at the unit price bid each for Mechanical Reinforcement Couplers.

TEMPORARY BRIDGE FLOORING:

The contractor shall provide temporary bridge flooring during the construction of portions of span which crosses railroad traffic. The purpose is to provide fall protection to workers in situations where the dangers from the fall is compounded from traffic and to provide protection to the traffic. Temporary flooring shall be installed as soon as practicable after the beams are set. The temporary flooring shall extend across the travel way, ramps and usable shoulders of highways. For railroads, the temporary flooring shall extend 8 feet beyond the outer rails of the tracks.

The design load for temporary bridge flooring shall consist of the sum of dead load and live vertical loads. Live loads shall be 50 pounds per square foot for horizontal surfaces plus the weight of any dismantled material which will be allowed to fall on the temporary flooring during demolition of the structure or falsework. The design of temporary flooring shall be submitted with the falsework design and shall be subject to review by the engineer.

No separate measurement or payment will be made for providing and subsequently removing (if required) temporary bridge flooring as this is considered incidental to the contract.

CONSTRUCTION ADJACENT TO CSXT RAILROAD TRACKS:

Existing track ditches must be maintained at all times throughout the construction. A proposed method to prevent silt accumulation in ditches and to prevent fouling of the sub-ballast and ballast sections must be submitted and approved by the railroad representative before any grading will be allowed next to CSXT property. Upon construction completion, all siltation must be removed and ditches restored.

FILE NAME: J:\XDOT\KNOX\KY11\STRUCT\FINAL PLANS\DON\KNOX11.2D_SFBASE.DGN

USER: jeffr DATE PLOTTED: January 1, 0001

E-SHEET NAME:

MicroStation v8.11.9.357

SPECIAL NOTES FOR UTILITY CLEARANCE

IMPACT ON CONSTRUCTION

KNOX COUNTY
FD04 061 8060601U
Bridge over CSX Railroad (Ky 11))
11-150.0

GENERAL PROJECT NOTE ON UTILITY PROTECTION

(N/A)

NOTE: DO NOT DISTURB THE FOLLOWING UTILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

(N/A)

THE FOLLOWING COMPANIES ARE RELOCATING/ADJUSTING THEIR UTILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

(N/A)

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE COMPANY OR THE COMPANY'S SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

Barbourville Utility Commission, 202 Daniel Boone Drive Barbourville Ky. 40906 ; Josh Callihan P.E. 606.546.3187

The Company will relocate 6 poles with 3 phase electric and television facilities line from left station 18+14 to approximately 24+52. The anticipated completion date is January 17th, 2014. Work completion is contingent upon favorable weather conditions.

During construction the areas in which Utilities that are to be relocated are not to be disturbed road construction activities until all Utilities have been relocated.

The Department will consider submission of a bid as the Contractor's agreement to not make any claims for additional compensation due to delays or other conditions created by the operations of (Utility Company(s) Name). Working days will not be charged for those days on which work on (Utility Company(s) Name) facilities is delayed, as provided in the current edition of the KY Standard Specifications for Road and Bridge Construction. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to the project, the KYTC Resident Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and his decision shall be final and binding upon the Contractor. .

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD CONTRACTOR AS INCLUDED IN THIS CONTRACT

SPECIAL NOTES FOR UTILITY CLEARANCE

IMPACT ON CONSTRUCTION

KNOX COUNTY
FD04 061 8060601U
Bridge over CSX Railroad (Ky 11))
11-150.0

|N/A|

SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

The contractor will be responsible for contacting all utility facility owners on the subject project to coordinate his activities. The contractor will coordinate his activities to minimize and, where possible, avoid conflicts with utility facilities. Due to the nature of the work proposed, it is unlikely to conflict with the existing utilities beyond minor facility adjustments. Where conflicts with utility facilities are unavoidable, the contractor will coordinate any necessary relocation work with the facility owner and Resident Engineer. The Kentucky Transportation Cabinet maintains the right to remove or alter portions of this contract if a utility conflict occurs.

The utility facilities as noted in the previous section(s) have been determined using data garnered by varied means and with varying degrees of accuracy: from the facility owners, a result of S.U.E., field inspections, and/or reviews of record drawings. The facilities defined may not be inclusive of all utilities in the project scope and are not Level A quality, unless specified as such. It is the contractor's responsibility to verify all utilities and their respective locations before excavating.

BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

Please Note: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.

SPECIAL NOTES FOR UTILITY CLEARANCE
IMPACT ON CONSTRUCTION

KNOX COUNTY
FD04 061 8060601U
Bridge over CSX Railroad (Ky 11))
11-150.0

AREA UTILITIES CONTACT LIST

<u>Utility Company/Agency</u>	<u>Contact Name</u>	<u>Contact Information</u>
Barbourville Utility Commission 202 Daniel Boone Drive Barbourville Ky. 40906	Josh Callihan P.E.	606.546.3187

SPECIAL NOTE FOR PURCHASE OF CONCRETE TESTING EQUIPMENT

The Contractor shall provide the following to the Department as part of this contract:

- 1) Provide three (3) Rebar Locators with all accessories, including instruction booklet and carrying case, to effectively perform non-destructive testing on concrete materials according to ACI 318, BS 1881: Part 204 Standards. The required Rebar Locators will be *Proceq Profometer 5+*, Humboldt # H-2981.

- 2) Provide two (2) Rebound Hammers with all accessories including grinding stone, carrying case and instruction booklet to effectively perform non-destructive testing on concrete materials according to ASTM C805, ASTM D5873, and BS 1881: Part 202 Standards. In addition, a Calibration Anvil and Conversion Chart Label will be required for each Rebound Hammer. The required Rebound Hammers and accessories will be *Schmidt Hammer, Type N*, Humboldt # H-2975; Calibration Anvil, Humboldt # H-2972; and Conversion Chart Label (N/mm²), Humboldt # H2975.25N.

Deliver the above concrete testing equipment to the Division of Materials located at 1227 Wilkinson Boulevard in Frankfort, Kentucky on or before April 1, 2014.

The Department will measure the quantity for this concrete testing equipment as lump sum. The Department will make payment for concrete testing equipment satisfying the Department's specifications. The Department will consider payment for the concrete testing equipment as full compensation for furnishing the required items in this special note.

Right-of-Way Certification Form

Revised 2/22/11

- Federal Funded
- State Funded

- Original
- Re-Certification

This form must be completed and submitted to FHWA with the PS&E package for federal-aid funded Interstate, Appalachia, and Major projects. This form shall also be submitted to FHWA for all federal-aid projects that fall under Conditions No. 2 or 3 outlined elsewhere in this form. When Condition No. 2 or 3 apply, KYTC shall resubmit this ROW Certification prior to construction contract Award. For all other federal-aid projects, this form shall be completed and retained in the KYTC project file.

Date: 12/17/13

Project Name: Ky 11 RR bridge

Letting Date: _____

Project #: 8060601R

County: Knox

Item #: 11-0150.00

Federal #: N/A

Description of Project: Widening Ky 11 R.R. bridge at US 25E

Projects that require **NO** new or additional right-of-way acquisitions and/or relocations

- The proposed transportation improvement will be built within the existing rights-of-way and there are no properties to be acquired, individuals, families, and businesses ("relocatees") to be relocated, or improvements to be removed as a part of this project.

Projects that require new or additional right-of-way acquisitions and/or relocations

- Per 23 CFR 635.309, the KYTC hereby certify that all relocatees have been relocated to decent, safe, and sanitary housing or that KYTC has made available to relocatees adequate replacement housing in accordance with the provisions of the current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program and that at least one of the following three conditions has been met. (Check those that apply.)

- Condition 1.** All necessary rights-of-way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish all improvements and enter on all land. Fair market value has been paid or deposited with the court.
- Condition 2.** Although all necessary rights-of-way have not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Trial or appeal of some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish all improvements. Fair market value has been paid or deposited with the court for most parcels. Fair market value for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract. (See note 1 below.)

Note 1: The KYTC shall re-submit a right-of-way certification form for this project prior to AWARD of all Federal-Aid construction contracts. Award must not to be made until after KYTC has obtained full legal possession and fair market value for all parcels has been paid or deposited with the court and FHWA has concurred in the re-submitted right-of-way certification.

Right-of-Way Certification Form

Revised 2/22/11

Condition 3. The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. However, all remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. The KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary rights-of-way will not be fully acquired, and/or some occupants will not be relocated, and/or the fair market value will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction. A full explanation and reason for this request, including identification of each such parcel and dates on which acquisitions, payments, and relocations will be completed, is attached to this certification form for FHWA concurrence. (See note 2.)

Note 2: The KYTC may request authorization on this basis only in unique and unusual circumstances. Proceeding to bid letting shall be the exception and never become the rule. In all cases, the KYTC shall make extraordinary efforts to expedite completion of the acquisition, payment for all affected parcels, and the relocation of all relocatees prior to AWARD of all Federal-Aid construction contracts or force account construction.

Approved: David J. Hensley
Printed Name


Signature Right-of-Way Supervisor

Approved: DAVID L. ORR
Printed Name


Signature KYTC, Director of ROW & Utilities

Approved: _____
Printed Name

Signature FHWA, ROW Officer (when applicable)

Right-of-Way Certification Form

Revised 2/22/11

Date: 12/17/13

Project Name: Ky 11
 Project #: 8060601R
 Item #: 11-0150.00
 Letting Date: _____

County: Knox
 Federal #: N/A

This project has 7 total number of parcels to be acquired, and 0 total number of individuals or families to be relocated, as well as 0 total number of businesses to be relocated.

- 7 _____ Parcels where acquired by a signed fee simple deed and fair market value has been paid
- _____ Parcels have been acquired by IOJ through condemnation and fair market value has been deposited with the court
- _____ Parcels have not been acquired at this time (*explain below for each parcel*)
- _____ Parcels have been acquired or have a "right of entry" but fair market value has not been paid or has not been deposited with the court (*explain below for each parcel*)
- _____ Relocatees have not been relocated from parcels _____, _____, _____, _____, _____, _____, and _____ (*explain below for each parcel*)

Parcel #	Name/Station	Explanation for delayed acquisition, delayed relocation, or delayed payment of fair market value	Proposed date of payment or of relocation

There are 0 billboards and/or 0 cemeteries involved on this project.

There are 0 water or monitoring wells on parcels _____, _____, _____, _____, and _____. All have been acquired and are the responsibility of the project contractor to close/cap.

Form Effective Date: April 1, 2006
Last Revised: February 22, 2011

PROPOSAL BID ITEMS

141004

Report Date 1/13/14

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	2,338.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	7,476.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	11.80	TON		\$	
0040	00103		ASPHALT SEAL COAT	1.41	TON		\$	
0050	00221		CL2 ASPH BASE 0.75D PG64-22	207.00	TON		\$	
0060	00223		CL3 ASPH BASE 0.75D PG64-22	986.00	TON		\$	
0070	00301		CL2 ASPH SURF 0.38D PG64-22	94.00	TON		\$	
0080	00388		CL3 ASPH SURF 0.38B PG64-22	187.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0090	00078		CRUSHED AGGREGATE SIZE NO 2	10.00	TON		\$	
0100	01000		PERFORATED PIPE-4 IN	1,326.00	LF		\$	
0110	01010		NON-PERFORATED PIPE-4 IN	185.00	LF		\$	
0120	01020		PERF PIPE HEADWALL TY 1-4 IN	10.00	EACH		\$	
0130	01310		REMOVE PIPE	130.00	LF		\$	
0140	01691		FLUME INLET TYPE 2MODIFIED	2.00	EACH		\$	
0150	01718		REMOVE INLET	2.00	EACH		\$	
0160	01891		ISLAND HEADER CURB TYPE 2	100.00	LF		\$	
0170	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	15.00	EACH		\$	
0180	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0190	02159		TEMP DITCH	1,406.00	LF		\$	
0200	02200		ROADWAY EXCAVATION	9,143.00	CUYD		\$	
0210	02223		GRANULAR EMBANKMENT	7,128.00	CUYD		\$	
0220	02242		WATER	.60	MGAL		\$	
0230	02265		REMOVE FENCE	513.00	LF		\$	
0240	02273		FENCE-4 FT CHAIN LINK	502.00	LF		\$	
0250	02351		GUARDRAIL-STEEL W BEAM-S FACE	1,180.00	LF		\$	
0260	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		\$	
0270	02367		GUARDRAIL END TREATMENT TYPE 1	3.00	EACH		\$	
0280	02381		REMOVE GUARDRAIL	1,345.00	LF		\$	
0290	02429		RIGHT-OF-WAY MONUMENT TYPE 1	7.00	EACH		\$	
0300	02432		WITNESS POST	3.00	EACH		\$	
0310	02483		CHANNEL LINING CLASS II	178.00	TON		\$	
0320	02484		CHANNEL LINING CLASS III	42.00	TON		\$	
0330	02545		CLEARING AND GRUBBING 2.6 ACRES	1.00	LS		\$	
0340	02562		TEMPORARY SIGNS	390.00	SQFT		\$	
0350	02599		FABRIC-GEOTEXTILE TYPE IV	20,491.00	SQYD		\$	
0360	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	111.00	SQYD		\$	
0370	02625		REMOVE HEADWALL	4.00	EACH		\$	
0380	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0390	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0400	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0410	02677		ASPHALT PAVE MILLING & TEXTURING	10.00	TON		\$	

PROPOSAL BID ITEMS

141004

Report Date 1/13/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0420	02690		SAFELOADING	1.40	CUYD		\$	
0430	02701		TEMP SILT FENCE	1,406.00	LF		\$	
0440	02703		SILT TRAP TYPE A	3.00	EACH		\$	
0450	02704		SILT TRAP TYPE B	3.00	EACH		\$	
0460	02705		SILT TRAP TYPE C	3.00	EACH		\$	
0470	02706		CLEAN SILT TRAP TYPE A	9.00	EACH		\$	
0480	02707		CLEAN SILT TRAP TYPE B	9.00	EACH		\$	
0490	02708		CLEAN SILT TRAP TYPE C	9.00	EACH		\$	
0500	02709		CLEAN TEMP SILT FENCE	1,406.00	LF		\$	
0510	02726		STAKING	1.00	LS		\$	
0520	03262		CLEAN PIPE STRUCTURE	1.00	EACH		\$	
0530	05952		TEMP MULCH	15,943.00	SQYD		\$	
0540	05953		TEMP SEEDING AND PROTECTION	1,594.00	SQYD		\$	
0550	05963		INITIAL FERTILIZER	.40	TON		\$	
0560	05964		20-10-10 FERTILIZER	.65	TON		\$	
0570	05985		SEEDING AND PROTECTION	15,943.00	SQYD		\$	
0580	05992		AGRICULTURAL LIMESTONE	7.80	TON		\$	
0590	05998		SPREADING STOCKPILED TOPSOIL40096 TOPSOILING-6IN THICK OBTAINED ON SITE SY	2,465.00	CUYD		\$	
0600	06514		PAVE STRIPING-PERM PAINT-4 IN	4,060.00	LF		\$	
0610	06549		PAVE STRIPING-TEMP REM TAPE-B	280.00	LF		\$	
0620	06550		PAVE STRIPING-TEMP REM TAPE-W	2,210.00	LF		\$	
0630	06551		PAVE STRIPING-TEMP REM TAPE-Y	70.00	LF		\$	
0640	06568		PAVE MARKING-THERMO STOP BAR-24IN	63.00	LF		\$	
0650	06574		PAVE MARKING-THERMO CURV ARROW	9.00	EACH		\$	
0660	06589		PAVEMENT MARKER TYPE V-MW	10.00	EACH		\$	
0670	10020NS		FUEL ADJUSTMENT	2,020.00	DOLL		\$	
0680	20209EP69		GRANULAR PILE CORE	744.00	CUYD		\$	
0690	23265ES717		PAVE MARK TY 1 TAPE STOP BAR-24 IN	90.00	LF		\$	
0700	23274EN11F		TURF REINFORCEMENT MAT 1	540.00	SQYD		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0710	00461		CULVERT PIPE-15 IN	8.00	LF		\$	
0720	00464		CULVERT PIPE-24 IN	16.00	LF		\$	
0730	00522		STORM SEWER PIPE-18 IN	11.00	LF		\$	
0740	01200		PIPE CULVERT HEADWALL-12 IN	1.00	EACH		\$	
0750	01202		PIPE CULVERT HEADWALL-15 IN	1.00	EACH		\$	
0760	01208		PIPE CULVERT HEADWALL-24 IN	1.00	EACH		\$	
0770	01433		SLOPED BOX OUTLET TYPE 1-18 IN	1.00	EACH		\$	
0780	02610		RETAINING WALL-GABION	49.00	CUYD		\$	
0790	03349		STEEL PIPE-12 IN	64.00	LF		\$	
0800	21661ES706		BORE AND JACK PIPE12 INCH	64.00	LF		\$	

Section: 0004 - BRIDGE

PROPOSAL BID ITEMS

141004

Report Date 1/13/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0810	02231		STRUCTURE GRANULAR BACKFILL	240.00	CUYD		\$	
0820	02274		FENCE-6 FT CHAIN LINK	348.00	LF		\$	
0830	02403		REMOVE CONCRETE MASONRY	103.00	CUYD		\$	
0840	02599		FABRIC-GEOTEXTILE TYPE IV	364.00	SQYD		\$	
0850	02998		MASONRY COATING	132.00	SQYD		\$	
0860	08001		STRUCTURE EXCAVATION-COMMON	410.00	CUYD		\$	
0870	08020		CRUSHED AGGREGATE SLOPE PROT	254.00	TON		\$	
0880	08033		TEST PILES	212.00	LF		\$	
0890	08039		PRE-DRILLING FOR PILES	702.00	LF		\$	
0900	08046		PILES-STEEL HP12X53	830.00	LF		\$	
0910	08094		PILE POINTS-12 IN	19.00	EACH		\$	
0920	08100		CONCRETE-CLASS A	279.00	CUYD		\$	
0930	08104		CONCRETE-CLASS AA	362.00	CUYD		\$	
0940	08135		MECHANICAL REINF COUPLER #10	39.00	EACH		\$	
0950	08150		STEEL REINFORCEMENT	40,916.00	LB		\$	
0960	08151		STEEL REINFORCEMENT-EPOXY COATED	96,521.00	LB		\$	
0970	08269		ELECTRICAL CONDUIT	1.00	LS		\$	
0980	08301		REMOVE SUPERSTRUCTURE DEMOLITION OF EXISTING BRIDGE SUPERSTRUCTURE	1.00	LS		\$	
0990	08500		APPROACH SLAB	323.00	SQYD		\$	
1000	08671		PRECAST PC BOX BEAM SB33	1,018.00	LF		\$	
1010	22146EN		CONCRETE PATCHING REPAIR	15.00	SQFT		\$	
1020	23026ED		ARCHITECTURAL TREATMENT	168.00	SQYD		\$	
1030	23168ED		CONCRETE STAINING	646.00	SQYD		\$	
1031	24664EC		CONCRETE TESTING EQUIPMENT ADDED: 1-13-14	1.00	LS		\$	

Section: 0005 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1040	04792		CONDUIT-1 IN	45.00	LF		\$	
1050	04793		CONDUIT-1 1/4 IN	468.00	LF		\$	
1060	04795		CONDUIT-2 IN	490.00	LF		\$	
1070	04811		ELECTRICAL JUNCTION BOX TYPE B	7.00	EACH		\$	
1080	04820		TRENCHING AND BACKFILLING	1,040.00	LF		\$	
1090	04830		LOOP WIRE	3,048.00	LF		\$	
1100	04844		CABLE-NO. 14/5C	1,767.00	LF		\$	
1110	04845		CABLE-NO. 14/7C	170.00	LF		\$	
1120	04850		CABLE-NO. 14/1 PAIR	5,683.00	LF		\$	
1130	04873		POLE 45 FT WOODEN	4.00	EACH		\$	
1140	04884		ANCHOR	4.00	EACH		\$	
1150	04886		MESSENGER-15400 LB	920.00	LF		\$	
1160	04895		LOOP SAW SLOT AND FILL	1,259.00	LF		\$	
1170	04931		INSTALL CONTROLLER TYPE 170	2.00	EACH		\$	
1180	04932		INSTALL STEEL STRAIN POLE	4.00	EACH		\$	
1190	04950		REMOVE SIGNAL EQUIPMENT	2.00	EACH		\$	
1200	06472		INSTALL SPAN MOUNTED SIGN	2.00	EACH		\$	
1210	20094ES835		TEMP RELOCATION OF SIGNAL HEAD	16.00	EACH		\$	
1220	20188NS835		INSTALL LED SIGNAL-3 SECTION	13.00	EACH		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1230	20189NS835		INSTALL LED SIGNAL-5 SECTION	1.00	EACH		\$	
1240	20266ES835		INSTALL LED SIGNAL- 4 SECTION	1.00	EACH		\$	
1250	23157EN		TRAFFIC SIGNAL POLE BASE	19.36	CUYD		\$	
1260	23982EC		INSTALL ANTENNA	1.00	EACH		\$	

Section: 0006 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1270	04701		POLE 40 FT MTG HT	6.00	EACH		\$	
1280	04720		BRACKET 4 FT	1.00	EACH		\$	
1290	04724		BRACKET 12 FT	5.00	EACH		\$	
1300	04740		POLE BASE	5.00	EACH		\$	
1310	04750		TRANSFORMER BASE	5.00	EACH		\$	
1320	04760		POLE W/SECONDARY CONTROL EQUIP	1.00	EACH		\$	
1330	04770		HPS LUMINAIRE	6.00	EACH		\$	
1340	04780		FUSED CONNECTOR KIT	12.00	EACH		\$	
1350	04793		CONDUIT-1 1/4 IN	345.00	LF		\$	
1360	04795		CONDUIT-2 IN	190.00	LF		\$	
1370	04820		TRENCHING AND BACKFILLING	475.00	LF		\$	
1380	04821		OPEN CUT ROADWAY	80.00	LF		\$	
1390	04832		WIRE-NO. 12	810.00	LF		\$	
1400	04833		WIRE-NO. 8	2,100.00	LF		\$	
1410	04940		REMOVE LIGHTING	1.00	LS		\$	
1420	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	3.00	EACH		\$	

Section: 0007 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1430	02569		DEMOBILIZATION	1.00	LS		\$	