



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Jim Gray  
SECRETARY

November 29, 2022

CALL NO. 111  
CONTRACT ID NO. 221064  
ADDENDUM # 2

Subject: DAVIESS COUNTY, STP 5078(017)  
Letting December 8, 2022

- (1) Revised - Utility Note - Pages 33-42 of 140
- (2) Revised - Proposal Bid Items - Pages 135-140 of 140

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

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

Sincerely,

Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills".

Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:mr  
Enclosures

## UTILITIES AND RAIL CERTIFICATION NOTE

**Daviess County  
00STP5078015  
FD52 030 8503501U  
Mile point: 2.470 TO 3.800  
IMPROVE KY-54 FROM WEST OF THE US-60 BYPASS TO BOLD FORBES WAY. DESIGN AND RIGHT OF  
WAY UNDER PARENT 2-8300.00. (2018BOP) (2022CCR)  
ITEM NUMBER: 02-8300.10**

### PROJECT NOTES ON UTILITIES

The contractor should be aware that there is UTILITY WORK INCLUDED IN THIS ROAD CONSTRUCTION CONTRACT. The Contractor shall review the GENERAL UTILITY NOTES AND INSTRUCTIONS which may include KYTC Utility Bid Item Descriptions, utility owner supplied specifications, plans, list of utility owner preapproved subcontractors, and other instructions. Utility contractors may be added via addendum if KYTC is instructed to do so by the utility owner. Potential contractors must seek prequalification from the utility owner. Any revisions must be sent from the utility owner to KYTC a minimum of one week prior to bid opening.

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. The contractor is instructed to contact KY 811 for the location of existing underground utilities. Contact shall be made a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY 811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom are to be contacted through their individual Protection Notification Center. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area. Non-compliance with these directives can result in the enforcement of penalties.

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**NOTE: DO NOT DISTURB THE FOLLOWING FACILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS**

### **Kentucky Utilities - Electric Transmission**

KU-Transmission structure no. 38, located at approximate station 1179+20, approximately 59.55 feet right of the proposed KY-54 centerline (Structure No. 38 is also the western most pole of the H-frame structure located between approximate stations 1179+20 and 1179+40) is located within the construction limits, will remain in place, and NOT be relocated due to this construction project.

KU-Transmission will take measures that they deem necessary to support structure no. 38 during the Cabinet's Highway construction, AND any work in the vicinity of structure no. 38 to be performed by the Cabinet's Highway Contractor shall be performed "by hand", or by other non-mechanical methods.

The Cabinet's Highway Contractor shall notify KU-Transmission, no less than fourteen (14) days prior to beginning work in the vicinity of structure no. 38, allowing KU-Transmission adequate time to arrange for any protection that they have determined to be necessary.

**\*The Contractor is fully responsible for protection of all utilities listed above\***

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**THE FOLLOWING FACILITY OWNERS ARE RELOCATING/ADJUSTING THEIR FACILITIES WITHIN THE  
PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION**

### **Big Rivers Electric Corporation - Electric**

The Company has an existing aerial transmission crossing of KY-54 at approximate station 1217+25 (crossing KY-54 at an approximate angle of 45-degrees), supported by several poles and anchors.

The Company has removed four poles and attached anchors, and installed four self-supporting steel poles to reestablish the crossing, with the poles located outside of the project's limits.

The Company's relocation work has been completed.

**THE FOLLOWING FACILITY OWNERS HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE OWNER OR  
THEIR SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT**

### **Owensboro Municipal Utilities – Fiber Optic**

The Company currently has an aerial fiber facility crossing KY-54, located southeast of Highland Pointe Drive at approximate station 1178+60, and an underground fiber facility located south of and adjacent to KY-54, that will remain in place.

The Company also has an aerial 96-count fiber facility that enters the project area along the same route as the previous facility; however, this facility turns to the southeast, and is located adjacent to existing KY-54, reducing to a 48-count, then to a 12-count facility through the project to approximate station 1206+00, where it crosses KY-54 underground to a vault located on Villa Point. There is also an underground 48-count fiber crossing at Fairview Drive; in addition to, an aerial 48-count fiber crossing at approximate station 1196+30, and an underground 48-count fiber crossing at approximate station 1184+00. There is also an aerial 12-count fiber crossing at approximate station 1196+30, that reduces to an 8-count aerial facility that extends parallel to KY-54 to Fairview, where it then extends north along

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Fairview to approximately Mt. Moriah Avenue. This facility will be retired, along with several vaults also located along the route.

The Company will install a new 96-count aerial fiber crossing of KY-54 along the Highland Pointe Drive route (crossing at approximate station 1178+60), to a vault where it will be then placed as an underground facility extending through the project along Villa Pointe, generally outside of the project's limits, to the termination point of the retired facility.

The Company is currently relocating their facility, and anticipates completion by May 1, 2023.

### **Kenergy – Electric**

The Company has an existing aerial route generally along, and adjacent to, the north right-of-way line for KY-54, from approximate station 1172+00 to approximate station 1222+00. The existing route includes several crossings at approximate stations: 1171+25, 1178+10, 1180+10, 1183+90, 1189+20, 1191+70, 1196+20, 1201+60, 1215+20, 1219+10, and 1222+20. The aerial crossing at approximate station 1201+60 also has an attached Company fiber optic facility.

The Company's new facility will be installed as an underground facility, located in the General Utility Easement located outside of the northern right-of-way line for KY-54; additionally, the Company will install underground crossings located at approximate station: 1171+25, 1179+80, 1184+00, 1189+20, 1191+70, 1196+20, 1201+60, 1215+30, and 1219+30. The new underground crossing located at approximate station 1201+60 will include the fiber optic facility, which will also extend, underground, to approximate station 1205+00.

The Company will also have small amounts of underground facility adjacent to both the north and south right-of-way lines necessary to reestablish services and to maintain connectivity for their system. However, the underground facility will all be installed within appropriate conduit.

Currently, the Company has approximately seventy-five (75) percent of the conduit installed.

The Company anticipates completion of the relocation of their facility by May 1, 2023.

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### **Atmos Energy Corporation - Natural Gas**

The Company currently has an existing four (4) inch steel main along the northern side of KY-54 generally within the existing right-of-way, extending from approximate station 1170+20 (at Winsatt Court) to approximate station 1175+20, which will remain in place, with the exception of a small amount of relocation necessary from approximate station 1170+40 to approximate station 1170+70 to accommodate the proposed drainage facilities.

At approximate station 1175+20 (Hayden Road) the facility reduces to a two (2) inch steel facility and continues along and adjacent to the existing northern right-of-way line of KY-54 until approximate station 1188+40, where it connects to a service line, and becomes a four (4) inch steel facility, then extends an additional twenty (20) feet before crossing to the south side of KY-54. The four (4) inch steel facility then continues along and adjacent to KY-54 within the existing southern right-of-way line, and within existing easements, through to approximate station 1227+20, where it reconnects to the existing gas facility. Also, at approximate station 1220+00 the Company has an existing two (2) inch polyethylene (PE) crossing to the northern right-of-way line where it extends westerly to an existing two (2) inch PE facility extending northerly along Commonwealth Court.

The facility along Commonwealth Court will remain in place; additionally, at approximate station 1227+20 there is an existing crossing of KY-54, that extends north, and along Bold Forbes Way that will remain in place.

The Company has an existing two (2) inch PE crossing at approximate station 1170+40, that will be replaced at approximate station 1171+10, with a two (2) inch PE facility. Also, at approximate station 1175+20 the existing two (2) inch steel facility will be replaced with a two (2) inch PE facility that will extend easterly, generally within the proposed right-of-way line for KY-54 to approximate station 1188+40, where it reconnects to the existing facility.

The Company also has an existing four (4) inch PE facility along the westerly right-of-way line for Hayden Road, that crosses KY-54, as a two (2) inch PE facility, at approximate station 1182+00, and continues southerly along Alvey Park Drive. This crossing will be replaced with a new six (6) inch PE facility, at approximate station 1184+30, which is extended from the new six (6) inch PE facility extended from a new connection to the existing main (which will remain in place) located at approximate station 1227+40. This new six (6) inch PE main extends along and adjacent to the proposed southern right-of-

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way line for KY-54, and also utilizing existing Company and other dedicated easements. The Company also will extend a new two (2) inch PE facility from the six (6) inch PE crossing, at approximate station 1184+30, westerly to reconnect the two (2) inch steel main located along Alvey Park Drive, with a crossing at approximate station 52+00.

The Company will also replace the existing four (4) inch PE crossing at approximate station 1202+40, with a new four (4) inch PE crossing at approximate station 1202+80, and reconnecting the existing four (4) inch PE main (which will remain in place) along Fairview Drive, at approximate stations 49+30 and 51+30.

The Company also has an existing two (2) inch PE facility along and adjacent to the existing northerly right-of-way line for KY-54 connecting to a two (2) inch PE facility along the easterly right-of-way line for Commonwealth Court, which includes an existing crossing of KY-54 at approximate station 1220+00. This will be replaced with a new two (2) inch PE crossing at approximate station 1220+20, extending to the northerly right-of-way line for KY-54, then proceeding westerly, along and within both the proposed right-of-way line, and the Permanent Easement for Utilities, to reconnect, at approximate station 49+00, with the existing two (2) inch PE main along Commonwealth Court.

The Company's relocation work is currently under construction, with an anticipated completion date of November 15, 2022.

### **AT&T – Communication**

The Company currently has an underground ducted facility located generally inside the northern right-of-way line for KY-54, but mostly outside of the roadway travel lanes, from approximate station 1168+40 through the End of the Project at approximate station 1228+00, this facility will remain in place, and not be relocated. The Company also maintains a crossing at approximate station 1171+90, including facility extending both north and south, and an extension to facility along Wimsatt Court (south). In addition to a crossing at approximate station 1201+50.

The Company also maintains several manholes located at approximate stations:

- 1168+40, approximately 90 feet left

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- 1171+90, approximately 35 feet left
- 1180+70, approximately 50 feet left
- 1190+60, approximately 40 feet left
- 1201+50, approximately 35 feet left
- 1201+50, approximately 40 feet right
- 1219+20, approximately 35 feet left
- 1228+00, approximately 50 feet left

There is a ducted underground connection between the two manholes located at approximate station 1201+50; and, an underground cable extension northerly from the manhole located at approximate station 1219+20.

The Company will be installing a new facility, generally, within the Permanent Easement For Utilities through the project on the north side of KY-54, from approximate station 1168+00 to approximate station 1228+00; and, on the south side of KY-54 from approximate station 1178+50 to approximate station 1228+50 (approximately two feet from the outer limits of the easement).

The Company's relocation work is currently under construction, with an anticipated completion date of July 1, 2023.

### **Spectrum – CATV**

The Company's existing facility currently extends through the project, attached to the Kenergy pole route, generally along the northern right-of-way line for KY-54, with several crossings to the southern side of KY-54, necessary to reestablish services and to maintain connectivity for their system.

Currently, the Company's intent is to relocate their facility generally along the southern right-of-way line for KY-54, and within the Permanent Easement For Utilities adjacent to the southern right-of-way line.

The Company's relocation construction work has yet to begin; consequently, they have been assigned a completion date of August 1, 2023.

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

### Daviess County Water District – Water Distribution

The Water District has provided the following companies as prequalified/preapproved to perform the relocation work associated with the project.

**Dieg Brothers**

2804 A Street  
Evansville, IN 47712  
812-423-4201

**Envision Contractors, LLC**

2960 Fairview Drive  
Owensboro, KY 42303  
270-663-2331

**Scott & Ritter**

2385 Barren River Road  
Bowling Green, KY 42101  
270-781-9988

**MAC Construction & Excavating, Inc.**

1908 Unruh Court  
New Albany, IN 47150  
812-941-7895

**BMB Construction**

3614 Citadel Circle  
Newburg, IN 47630  
812-867-5431

### Regional Water Resource Agency – Sanitary Sewer

RWRA has elected to NOT provide a separate list of Agency approved contractors.

**RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED**

No Rail Involvement    Rail Involved    Rail Adjacent

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### AREA FACILITY OWNER CONTACT LIST

Facility Owner	Address	Contact Name	Phone	Email
AT&T - Communication	1340 E John Rowan Blvd. Bardstown KY 40004	Scott Roche	5023484528	sr8832@att.com
Atmos Energy Corporation - Natural Gas	3275 Highland Pointe Drive Owensboro KY 42303	Chase Downing	6157718363	chase.downing@atmosenergy.com
Big Rivers Electric Corporation - Electric	201 Third Street Henderson KY 42420	Joseph Sipes	2708446203	joseph.sipes@bigrivers.com
Charter Communications Holdings, LLC dba Spectrum - Communication	1900 N Fares Evansville IN 47711	John Wade	8122532767	John.Wade@charter.com
Kenergy - Electric	3111 Fairview Drive Owensboro KY 42302	Scott Atherton	2703163736	satherton@kenegycorp.com
Kentucky Utilities - Electric Transmission	820 W. Broadway Louisville KY 40202	Caroline Justice	5026273708	<a href="mailto:Caroline.Justice@lge-ku.com">Caroline.Justice@lge-ku.com</a>
	Field Contact	Lynsey Short	8593671195	Lynsey.Short@lge-ku.com

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Owensboro Municipal Utilities - Electric	2070 Tamarack Road Owensboro KY 42301	Austin McLimore	2709263200	mclimoreca@omu.org
Regional Water Resource Agency - Sewer	1722 Pleasant Valley Road Owensboro KY 42303	Joseph Schepers	2706878440	schepersjg@rwra.org
Southeast/West Daviess County Water District - Water	3400 Bittel Road Owensboro KY 42301	William Higdon	2706855594	whiqdon@oolwireless.net
Windstream Communications LLC - CATV	111 South Main Street Elizabethtown KY 42701	James Galvin	2707651818	James.Galvin@windstream.com

**PROPOSAL BID ITEMS**

221064

Page 1 of 6

Report Date 11/29/22

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	7,409.00	TON		\$	
0020	00020		TRAFFIC BOUND BASE	300.00	TON		\$	
0030	00078		CRUSHED AGGREGATE SIZE NO 2	10,788.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	16.70	TON		\$	
0050	00103		ASPHALT SEAL COAT	2.00	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	14,575.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	9,356.00	TON		\$	
0080	00221		CL2 ASPH BASE 0.75D PG64-22	610.00	TON		\$	
0090	00309		CL2 ASPH SURF 0.50D PG64-22	730.00	TON		\$	
0100	00330		CL3 ASPH SURF 0.50A PG64-22	5,699.00	TON		\$	
0110	02084		JPC PAVEMENT-8 IN	611.00	SQYD		\$	
0120	02101		CEM CONC ENT PAVEMENT-8 IN	717.00	SQYD		\$	
0130	02602		FABRIC-GEOTEXTILE CLASS 1	18,927.00	SQYD		\$	
0140	02604		FABRIC-GEOTEXTILE CLASS 1A	18,927.00	SQYD		\$	
0150	02677		ASPHALT PAVE MILLING & TEXTURING	1,972.00	TON		\$	
0160	20071EC		JOINT ADHESIVE	41,097.00	LF		\$	
0170	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	74.00	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	01000		PERFORATED PIPE-4 IN	1,200.00	LF		\$	
0190	01740		CORED HOLE DRAINAGE BOX CON-4 IN	120.00	EACH		\$	
0200	01810		STANDARD CURB AND GUTTER	11,751.00	LF		\$	
0210	01815		BARRIER CURB AND GUTTER	2,047.00	LF		\$	
0220	01825		ISLAND CURB AND GUTTER	127.00	LF		\$	
0230	01890		ISLAND HEADER CURB TYPE 1	97.00	LF		\$	
0240	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	22.00	EACH		\$	
0250	02014		BARRICADE-TYPE III	25.00	EACH		\$	
0260	02091		REMOVE PAVEMENT	494.00	SQYD		\$	
0270	02159		TEMP DITCH	4,571.00	LF		\$	
0280	02160		CLEAN TEMP DITCH	2,285.00	LF		\$	
0290	02200		ROADWAY EXCAVATION	26,941.00	CUYD		\$	
0300	02203		STRUCTURE EXCAV-UNCLASSIFIED	66.00	CUYD		\$	
0310	02242		WATER	250.00	MGAL		\$	
0320	02351		GUARDRAIL-STEEL W BEAM-S FACE	1,844.50	LF		\$	
0330	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
0340	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		\$	
0350	02369		GUARDRAIL END TREATMENT TYPE 2A	1.00	EACH		\$	
0360	02381		REMOVE GUARDRAIL	887.50	LF		\$	
0370	02429		RIGHT-OF-WAY MONUMENT TYPE 1	81.00	EACH		\$	
0380	02432		WITNESS POST	3.00	EACH		\$	
0390	02483		CHANNEL LINING CLASS II	6,719.00	TON		\$	
0400	02545		CLEARING AND GRUBBING APPROXIMATELY 6 ACRES	1.00	LS		\$	

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221064

Page 2 of 6

Report Date 11/29/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02555		CONCRETE-CLASS B	74.00	CUYD		\$	
0420	02562		TEMPORARY SIGNS	1,000.00	SQFT		\$	
0430	02585		EDGE KEY	844.00	LF		\$	
0440	02611		HANDRAIL-TYPE A-1	185.00	LF		\$	
0450	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0460	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0470	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0480	02701		TEMP SILT FENCE	4,571.00	LF		\$	
0490	02703		SILT TRAP TYPE A	30.00	EACH		\$	
0500	02704		SILT TRAP TYPE B	30.00	EACH		\$	
0510	02705		SILT TRAP TYPE C	30.00	EACH		\$	
0520	02706		CLEAN SILT TRAP TYPE A	30.00	EACH		\$	
0530	02707		CLEAN SILT TRAP TYPE B	30.00	EACH		\$	
0540	02708		CLEAN SILT TRAP TYPE C	30.00	EACH		\$	
0550	02720		SIDEWALK-4 IN CONCRETE	4,110.00	SQYD		\$	
0560	02726		STAKING	1.00	LS		\$	
0570	02731		REMOVE STRUCTURE DOUBLE 10 X 6 BOX CULVERT	1.00	LS		\$	
0580	02775		ARROW PANEL	2.00	EACH		\$	
0590	03302		REPAIR CONCRETE CURB SPECIAL CURBING	2,668.00	LF		\$	
0591	04795		CONDUIT-2 IN (ADDED 11-29-22)	200.00	LF		\$	
0592	04820		TRENCHING AND BACKFILLING (ADDED 11-29-22)	200.00	LF		\$	
0593	04844		CABLE-NO. 14/5C (ADDED 11-29-22)	14,550.00	LF		\$	
0594	04885		MESSENGER-10800 LB (ADDED 11-29-22)	2,525.00	LF		\$	
0595	04932		INSTALL STEEL STRAIN POLE (ADDED 11-29-22)	20.00	EACH		\$	
0600	05950		EROSION CONTROL BLANKET	1,600.00	SQYD		\$	
0610	05952		TEMP MULCH	93,347.00	SQYD		\$	
0620	05953		TEMP SEEDING AND PROTECTION	70,011.00	SQYD		\$	
0630	05963		INITIAL FERTILIZER	6.00	TON		\$	
0640	05964		MAINTENANCE FERTILIZER	3.00	TON		\$	
0650	05985		SEEDING AND PROTECTION	49,320.00	SQYD		\$	
0660	05990		SODDING	4,467.00	SQYD		\$	
0670	05992		AGRICULTURAL LIMESTONE	35.00	TON		\$	
0680	06510		PAVE STRIPING-TEMP PAINT-4 IN	143,305.00	LF		\$	
0690	06514		PAVE STRIPING-PERM PAINT-4 IN	3,317.00	LF		\$	
0700	06550		PAVE STRIPING-TEMP REM TAPE-W	2,880.00	LF		\$	
0710	06551		PAVE STRIPING-TEMP REM TAPE-Y	7,488.00	LF		\$	
0720	06566		PAVE MARKING-THERMO X-WALK-12 IN	2,923.00	LF		\$	
0730	06568		PAVE MARKING-THERMO STOP BAR-24IN	1,017.00	LF		\$	
0740	06569		PAVE MARKING-THERMO CROSS-HATCH	2,580.00	SQFT		\$	
0750	06574		PAVE MARKING-THERMO CURV ARROW	120.00	EACH		\$	
0760	06575		PAVE MARKING-THERMO COMB ARROW	9.00	EACH		\$	
0770	06576		PAVE MARKING-THERMO ONLY	3.00	EACH		\$	
0780	06587		PAVEMENT MARKER TY IVA-BW TEMP	1,451.00	EACH		\$	
0790	06588		PAVEMENT MARKER TY IVA-BY TEMP	1,573.00	EACH		\$	

**PROPOSAL BID ITEMS**

221064

Page 3 of 6

Report Date 11/29/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0800	06600		REMOVE PAVEMENT MARKER TYPE V	703.00	EACH		\$	
0810	06610		INLAID PAVEMENT MARKER-MW	578.00	EACH		\$	
0820	06612		INLAID PAVEMENT MARKER-BY	301.00	EACH		\$	
0830	10020NS		FUEL ADJUSTMENT	39,543.00	DOLL	\$1.00	\$	\$39,543.00
0840	10030NS		ASPHALT ADJUSTMENT	64,098.00	DOLL	\$1.00	\$	\$64,098.00
0841	20093NS835		INSTALL PEDESTRIAN HEAD-LED (ADDED 11-29-22)	38.00	EACH		\$	
0850	20191ED		OBJECT MARKER TY 3	2.00	EACH		\$	
0855	20188NS835		INSTALL LED SIGNAL-3 SECTION (ADDED 11-29-22)	62.00	EACH		\$	
0856	20266ES835		INSTALL LED SIGNAL- 4 SECTION (ADDED 11-29-22)	1.00	EACH		\$	
0857	20390NS835		INSTALL COORDINATING UNIT (ADDED 11-29-22)	5.00	EACH		\$	
0860	21289ED		LONGITUDINAL EDGE KEY	13,910.00	LF		\$	
0865	21743NN		INSTALL PEDESTRIAN DETECTOR (ADDED 11-29-22)	38.00	EACH		\$	
0870	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	72.00	LF		\$	
0875	23157EN		TRAFFIC SIGNAL POLE BASE (ADDED 11-29-22)	61.00	CUYD		\$	
0880	23158ES505		DETECTABLE WARNINGS	1,006.00	SQFT		\$	
0890	23256ES717		PAVE MARK TY 1 TAPE -ONLY	2.00	EACH		\$	
0900	23270ES717		PAVE MARK TY 1 TAPE-CURV ARROW	1.00	EACH		\$	
0910	23379EC		STAMPED CONCRETE	1,224.00	SQYD		\$	
0920	23835EC		STANDARD BARRIER MEDIAN TY 5-MOD	1,669.00	SQYD		\$	
0930	23871EC		PAVE STRIPE-WET REF TAPE-6 IN Y	645.00	LF		\$	
0940	23872EC		PAVE STRIPE-WET REF TAPE-6 IN W	692.00	LF		\$	
0950	24540		R/W MONUMENT TYPE 3	13.00	EACH		\$	
0960	24679ED		PAVE MARK THERMO CHEVRON	392.00	SQFT		\$	
0970	24814EC		PIPELINE INSPECTION	10,023.00	LF		\$	
0975	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC (ADDED 11-29-22)	5.00	EACH		\$	
0976	24955ED		REMOVE SIGNAL EQUIPMENT (ADDED 11-29-22)	5.00	EACH		\$	
0980	25008EC		PAVE STRIPING-THERMO-6 IN W-WET REFLECT	29,025.00	LF		\$	
0990	25009EC		PAVE STRIPING-THERMO-6 IN Y-WET REFLECT	14,208.00	LF		\$	
1000	25019EC		GROOVE FOR PAVE STRIPING - 7 IN	43,233.00	LF		\$	
1010	25079ED		THRIE BEAM GUARDRAIL TRANSITION TL-2	1.00	EACH		\$	
1015	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A (ADDED 11-29-22)	20.00	EACH		\$	
1020	26178EC		PAVE STRIPING-THERMO-12 IN W-WET REFLECT	1,382.00	LF		\$	
1030	26179EC		PAVE STRIPING-THERMO-12 IN Y-WET REFLECT	717.00	LF		\$	
1040	26180EC		GROOVE FOR PAVE STRIPING - 13 IN	2,099.00	LF		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
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**PROPOSAL BID ITEMS**

221064

Page 4 of 6

Report Date 11/29/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1050	00440		ENTRANCE PIPE-15 IN	45.00	LF		\$	
1060	00506		CULVERT PIPE-84 IN EQUIV	84.00	LF		\$	
1070	00521		STORM SEWER PIPE-15 IN	3,025.00	LF		\$	
1080	00522		STORM SEWER PIPE-18 IN	4,457.00	LF		\$	
1090	00524		STORM SEWER PIPE-24 IN	998.00	LF		\$	
1100	00526		STORM SEWER PIPE-30 IN	383.00	LF		\$	
1110	00528		STORM SEWER PIPE-36 IN	536.00	LF		\$	
1120	00529		STORM SEWER PIPE-42 IN	177.00	LF		\$	
1130	00530		STORM SEWER PIPE-48 IN	528.00	LF		\$	
1140	00531		STORM SEWER PIPE-54 IN	50.00	LF		\$	
1150	00980		SLOTTED DRAIN PIPE-12 IN	130.00	LF		\$	
1160	01480		CURB BOX INLET TYPE B	68.00	EACH		\$	
1170	01496		DROP BOX INLET TYPE 3	3.00	EACH		\$	
1180	01535		DROP BOX INLET TYPE 6F	3.00	EACH		\$	
1190	01538		DROP BOX INLET TYPE 7	1.00	EACH		\$	
1200	01544		DROP BOX INLET TYPE 11	4.00	EACH		\$	
1210	01559		DROP BOX INLET TYPE 13G	30.00	EACH		\$	
1220	01568		DROP BOX INLET TYPE 13S	3.00	EACH		\$	
1230	01577		DROP BOX INLET TYPE 14	2.00	EACH		\$	
1240	01580		DROP BOX INLET TYPE 15	1.00	EACH		\$	
1250	01581		DROP BOX INLET TYPE 16G	3.00	EACH		\$	
1260	01587		DROP BOX INLET TYPE 16S	3.00	EACH		\$	
1270	01643		JUNCTION BOX-24 IN	1.00	EACH		\$	
1280	01644		JUNCTION BOX-30 IN	2.00	EACH		\$	
1290	01646		JUNCTION BOX-42 IN	1.00	EACH		\$	
1300	01756		MANHOLE TYPE A	1.00	EACH		\$	
1310	01767		MANHOLE TYPE C	1.00	EACH		\$	
1320	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	39,281.00	SQYD	\$2.00	\$	\$78,562.00
1330	23952EC		DRAINAGE JUNCTION BOX TY B	2.00	EACH		\$	
1340	26130ED		SLOPED AND MITERED HEADWALL-15 IN	6.00	EACH		\$	
1350	26131ED		SLOPED AND MITERED HEADWALL-18 IN	1.00	EACH		\$	
1360	26132ED		SLOPED AND MITERED HEADWALL-24 IN	3.00	EACH		\$	
1370	26133ED		SLOPED AND MITERED HEADWALL-30 IN	1.00	EACH		\$	
1380	26135ED		SLOPED AND MITERED HEADWALL-42 IN	1.00	EACH		\$	

**Section: 0004 - BRIDGE - S28390 RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1390	02403		REMOVE CONCRETE MASONRY	14.30	CUYD		\$	
1400	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1410	08100		CONCRETE-CLASS A	56.70	CUYD		\$	
1420	08150		STEEL REINFORCEMENT	6,218.00	LB		\$	

**Section: 0005 - BRIDGE - S28391 RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1430	02403		REMOVE CONCRETE MASONRY	31.80	CUYD		\$	

**PROPOSAL BID ITEMS**

221064

Page 5 of 6

Report Date 11/29/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1440	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1450	08100		CONCRETE-CLASS A	104.70	CUYD		\$	
1460	08150		STEEL REINFORCEMENT	9,323.00	LB		\$	

**Section: 0006 - BRIDGE - S28392 RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1470	02403		REMOVE CONCRETE MASONRY 12'X5' RCBC - DRAWING #28392	18.00	CUYD		\$	
1480	08003		FOUNDATION PREPARATION 12'X5' RCBC - DRAWING #28392	1.00	LS		\$	
1490	08100		CONCRETE-CLASS A 12'X5' RCBC - DRAWING #28392	86.20	CUYD		\$	
1500	08150		STEEL REINFORCEMENT 12'X5' RCBC - DRAWING #28392	8,159.00	LB		\$	

**Section: 0007 - BRIDGE - S27621 RCBC**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1510	02403		REMOVE CONCRETE MASONRY	50.00	CUYD		\$	
1520	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1530	08100		CONCRETE-CLASS A	354.20	CUYD		\$	
1540	08150		STEEL REINFORCEMENT	44,621.00	LB		\$	

**Section: 0008 - SEWER**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1550	02690		SAFEOLOADING	8.00	CUYD		\$	
1560	15000		S BYPASS PUMPING	1.00	EACH		\$	
1570	15012		S ENCASEMENT CONCRETE	30.00	LF		\$	
1580	15092		S MANHOLE	4.00	EACH		\$	
1590	15093		S MANHOLE ABANDON/REMOVE	5.00	EACH		\$	
1600	15094		S MANHOLE ADJUST TO GRADE	5.00	EACH		\$	
1610	15112		S PIPE PVC 08 INCH	570.00	LF		\$	
1620	15114		S PIPE PVC 12 INCH	50.00	LF		\$	

**Section: 0009 - WATERLINE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1630	14003		W CAP EXISTING MAIN	17.00	EACH		\$	
1640	14008		W ENCASEMENT STEEL BORED RANGE 3	150.00	LF		\$	
1650	14009		W ENCASEMENT STEEL BORED RANGE 4	490.00	LF		\$	
1660	14010		W ENCASEMENT STEEL BORED RANGE 5	380.00	LF		\$	
1670	14020		W FIRE HYDRANT RELOCATE	5.00	EACH		\$	
1680	14030		W METER RELOCATE	18.00	EACH		\$	
1690	14058		W PIPE PVC 04 INCH	300.00	LF		\$	

**PROPOSAL BID ITEMS**

221064

Page 6 of 6

Report Date 11/29/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1700	14059		W PIPE PVC 06 INCH	281.00	LF		\$	
1710	14060		W PIPE PVC 08 INCH	140.00	LF		\$	
1720	14061		W PIPE PVC 10 INCH	772.00	LF		\$	
1730	14063		W PIPE PVC 16 INCH	5,225.00	LF		\$	
1740	14093		W TIE-IN 04 INCH	2.00	EACH		\$	
1750	14094		W TIE-IN 06 INCH	2.00	EACH		\$	
1760	14095		W TIE-IN 08 INCH	4.00	EACH		\$	
1770	14096		W TIE-IN 10 INCH	5.00	EACH		\$	
1780	14097		W TIE-IN 12 INCH	1.00	EACH		\$	
1790	14104		W VALVE 04 INCH	2.00	EACH		\$	
1800	14105		W VALVE 06 INCH	2.00	EACH		\$	
1810	14106		W VALVE 08 INCH	4.00	EACH		\$	
1820	14107		W VALVE 10 INCH	6.00	EACH		\$	
1830	14109		W VALVE 16 INCH	3.00	EACH		\$	
1840	14145		W SERV COPPER LONG SIDE 1 IN	1.00	EACH		\$	
1850	14149		W SERV COPPER SHORT SIDE 1 IN	4.00	EACH		\$	
1860	14151		W SERV COPPER SHORT SIDE 2 IN	4.00	EACH		\$	
1870	14152		W SERV COPPER SHORT SIDE 3/4 IN	9.00	EACH		\$	
1880	24207EC		SPECIAL DITCH CROSSING PROTECTION	63.00	LF		\$	

**Section: 0010 - DEMOBILIZATION &/OR MOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1890	02568		MOBILIZATION	1.00	LS		\$	
1900	02569		DEMOBILIZATION	1.00	LS		\$	