Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Rebecca Goodman
SECRETARY

April 21, 2026

CALL NO. 301
CONTRACT ID NO. 261510
ADDENDUM # 2

Subject: Warren County, FD06 114 0884 007-009
Letting April 23, 2026

(1) Added - Special Note – Pages 10a-10f of 98
(2) Revised – Proposal Bid Items – Pages 94-98 of 98
(3) Revised Plan Sheets – S1

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, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

SPECIAL NOTE FOR NON-DESTRUCTIVE TESTING OF DRILLED SHAFTS (CROSSHOLE SONIC LOGGING)

Warren County

Item No. 3-8818.00
DESCRIPTION - Drawings No. 28518

1.0 DESCRIPTION

Crosshole Sonic Logging (CSL) is a nondestructive method to test the integrity of drilled shafts. The Contractor will be responsible for supplying all equipment and materials necessary to perform this testing, and obtaining the services of a CSL Testing Firm using personnel experienced with CSL testing and approved by the Engineer to perform the testing.

1.1 The CSL tests must either be performed by or under the supervision of a responsible licensed professional engineer with:

- a minimum of three (3) years experience performing CSL tests, and
- experience performing CSL tests on a minimum of three (3) past projects with ascope and complexity similar to this project including a minimum of 60 drilled shafts in the past three (3) years.

If the responsible professional engineer does not perform the testing, then the responsible field technician who does perform the testing must meet the same experience requirements.

1.2 Preliminary Submittal - At least 21 calendar days before beginning drilled shaft construction, submit a technical proposal prepared by the CSL Testing Firm that documents the personnel's experience and addresses the testing procedures. Experience documentation should include resumes, references, certifications, project lists, experiencedescriptions and details, etc. Within 10 working days, the Engineer will review the proposal and report to the Contractor whether the CSL Testing Firm and personnel are approved and the proposal is acceptable.

1.3 The Contractor will be responsible for providing:

a. access tubes which will be used for CSL testing of the drilled shafts;
b. watertight shoes, watertight caps, and non-shrink grout;
c. suitable working space and access to every shaft;
d. a reliable 600 watt (minimum) generator; and
e. any other equipment or materials necessary to accomplish the testing.

Table 1 - Minimum Number of Access Tubes and CSL Logs			
Rock Socket Diameter (inches)	Number of Tubes	Diagonal Logs	Perimeter Logs
30 to 54	4	2	4
60 to 78	6	3	6
84 to 96	8	4	8

2.0 MATERIALS

2.1 Supply the number of access tubes shown in the plans or in Table 1. Provide access tubesmeeting the requirements below. The Engineer will accept access tubes based on visual inspection and certification that the steel pipe meets the requirements below:

a. Schedule 40 steel pipe conforming to ASTM A 53, Grade A or B, Type E, F, or S;
b. contains round, regular internal diameters free of defects or obstructions, includingany at pipe joints;
c. capable of permitting the free, unobstructed passage of source and receiver probes; and
d. watertight and free from corrosion with clean internal and external faces to ensurepassage of the probes and a good bond between the concrete and the tubes.

2.2 Provide watertight shoes on the bottom and removable watertight caps on the top of the tubes.

2.3 Provide non-shrink grout to fill the access tubes and any cored holes at the completion of the CSL testing and Engineer approval for refill. Use grout conforming to Section 601.03.03 of the Standard Specifications.

3.0 CONSTRUCTION

3.1 Access Tube Installation

a. Install access tubes equally spaced around the perimeter of each of the drilled shafts.
b. Securely attach the tubes to the longitudinal reinforcement. Wire-tie the tubes a minimum of every 3 feet so they will stay in position during placement of rebar and concrete. Place the tubes so they will be parallel with each other and as near to vertical as possible in the finished shaft. Even moderate bending of the tubes will result in large regional variations in the data.
c. Place the tubes from 6 inches above the shaft tip to at least 3 feet above the top of shaft and at least 2 feet above ground level or top of casing. Under no circumstances may the tubes be allowed to come to rest on the bottom of the excavation.
d. Ensure that any joints in the tubes are watertight.
e. During placement of the reinforcement cage, exercise care so that the tubes will notbe damaged to the extent that would prevent a probe from passing through them.
f. After placing the reinforcing cage and before beginning concrete placement, fill the tubes with clean potable water and cap or seal the tube tops to keep debris out of the tubes. Replace the watertight caps immediately after filling the tubes with water.
g. Before placing concrete, investigate at least one tube per shaft to make sure that there are no bends, crimps, obstructions or other impediments to the free passage of the testing probes.

h. During removal of the caps from the tubes, exercise care so as not to apply excess torque, hammering, or other stresses which could break the bond between the tubes and concrete.

i. After concrete placement and before the beginning of CSL testing, inspect the access tubes and report any access tubes that the test probe cannot pass through to the Engineer. The Engineer will make an evaluation to determine if the CSL testing can be successfully performed without the tube(s); the Engineer may require the contractor to, at its own expense, replace one or more tubes with 2-inch diameter holes cored through the concrete for the entire length of the shaft, excluding the bottom 6 inches. Unless directed otherwise by the Engineer, locate core holes approximately 6 inches inside the reinforcement such that it does not damage the reinforcement. For each core hole drilled, record a log with descriptions of inclusionsand voids in the cored holes and submit a copy of the log to the Engineer. Preserve the cores, identify as to location and make available for inspection by the Engineer.

3.2 Grouting - After completion of the CSL testing and evaluation of results, and only after being directed to do so by the Engineer, remove the water from the access tubes and any cored holes, completely fill the tubes and holes with approved grout. After grouting, cut the tubes flush with the tops of the drilled shafts.

4.0 TESTING AND REPORTING

The Engineer may elect to reduce the amount of testing and will pay only for the authorized quantities.

4.1 Testing

a. Perform CSL testing according to ASTM D6760, “Integrity Testing of Concrete DeepFoundations by Ultrasonic Crosshole Testing”.
b. Provide access to the top of the shaft for testing personnel and equipment.
c. Perform CSL testing in accordance with generally accepted CSL Testing methods.
d. Obtain the minimum number of CSL logs shown in Table 1 unless otherwise directed by the Engineer.
e. Perform CSL testing on all completed shafts designated for testing by the Engineer, after the shaft concrete has cured at least 48 hours. Additional curing time may be necessary, depending on the concrete admixtures that are used.

4.2 Test Reports - Submit a test report prepared by the CSL Testing Firm and signed by theresponsible professional engineer which, as a minimum, contains:

a. Date of test
b. Pier No., Plan Shaft No., Station, Offset, and Top of Shaft Elevation;
c. Schematic showing a plan view of the access tube locations;
d. CSL logs presented for each tube pair tested with any defect zones indicated on thelogs and discussed in the report as appropriate.
e. Analyses of initial pulse arrival time versus depth or velocity versus depth if requested by the Engineer; and
f. Analyses of pulse energy/amplitude versus depth.

4.3 The Department will generally use the criteria below for evaluation of the shafts but may vary the criteria based on other available information (e.g. TIP results, construction records, etc.)

Satisfactory	Good (G)	FAT increase 0 to 10% **and** Energy Reduction < 6 dB
Anomaly	Questionable (Q)	FAT increase 11 to 20% **and** Energy Reduction < 9 dB
Flaw	Poor/Flaw (P/F)	FAT increase 21 to 30% **or** Energy Reduction < 12 dB
Defect	Poor/Defect (P/D)	FAT increase >31% **or** Energy Reduction < 12 dB

The Department will consider energy reductions in conjunction with FAT increases and reserves the right to vary the anomaly, flaw and defect criteria based on energy reductions.

- Flaws affecting >50% of profiles or defects affecting >1 profile at the same depth must be addressed.
- "Addressing" may include tomography, core drilling, repair, replacement, or other methods.
- Full cross-section flaws or defects require repair.
- Anomalies need evaluation and potential addressing.

4.4 Independent Comparison Tests - Consultants acting on behalf of the Department may perform independent comparison tests on the shafts tested by the Contractor's CSL Testing Firm.

5.0 EVALUATION OF TEST RESULTS

5.1 Allow direct communication between the CSL Testing Firm and the Department.

5.2 The Engineer will evaluate the CSL test results in the test report to determine whether or not the drilled shaft integrity is acceptable. Within 5 working days after receiving a test report, the Engineer will report to the Contractor whether the construction is acceptableor additional analyses are needed.

5.3 The Engineer will not require the Contractor to wait for CSL testing and evaluation to continue drilled shaft construction. However, if the CSL tests indicate that the integrity of any drilled shaft is questionable, the Engineer may direct the Contractor to suspend drilled shaft operations until the problem is resolved.

5.4 Continue with construction of the structure above the drilled shafts only after receiving written approval to do so, based on evaluation of the CSL test results.

5.5 If the CSL records are complex or inconclusive, the Engineer may require additional testing (such as Angled CSL, Crosshole Tomography, Singlehole Sonic Logging, orSonic Echo/Impulse Response, etc.) or concrete cores to sample the concrete in question to verify shaft conditions. If core samples are needed, obtain cores with a minimum diameter of 2 inches, unless directed otherwise by the Engineer. Unless directed otherwise by the Engineer, locate core holes approximately 6 inches inside the reinforcement such that they do not damage the reinforcement. For each core hole drilled, record a log with descriptions of inclusions and voids in the cored holes and submit a copy of the log to the Engineer. Place the cores in crates properly marked showing the shaft depth at each interval of core recovery. Transport the cores and logs

tothe Geotechnical Branch in Frankfort for inspection and testing. Grout the core holes in accordance with Section 3.2 above.

5.6 If the additional testing or evaluation of cores indicate that concrete for any drilled shaft on which additional testing or coring was required is acceptable, the Department will pay for the additional testing and concrete coring and grouting on a cost plus basis. If the additional testing or evaluations of cores indicate that the concrete for any drilled shaft concrete is unacceptable, the additional testing and concrete coring and grouting will beat the expense of the Contractor.

5.7 If defects are found, the original structural designer will perform structural analyses, at the expense of the Contractor, based on the design criteria established for the structure to assess the effects of the defects on the structural performance of the drilled shaft. If the results of the analyses indicate that there is conclusive evidence that the defects willresult in inadequate or unsafe performance under the design loads, as defined by the design criteria for the structure, the Engineer will reject the shaft.

5.8 If any shaft is rejected, provide a plan for remedial action to the Engineer for approval. Any modifications to the foundation shafts and/or other substructure elements caused by the remedial action will require calculations and working drawings by the original structural designer, at the expense of the Contractor. Begin remediation operations only after receiving approval from the Engineer for the proposed remediation. All remedial action will be at no cost to the Department and with no extension of contract time.

6.0 METHOD OF MEASUREMENT

The Department will pay for the authorized and accepted quantities of "CSL Testing" at the contract unit price per each shaft tested (production and technique drilled shafts). This will constitute full compensation for all costs associated with providing access for testing personnel and equipment, performing the CSL Testing in a single shaft, and reporting the results to the Engineer.

Installation of CSL Access Tubing is incidental to the applicable contract unit bid price for Drilled Shaft, Common, and Drilled Shaft, Solid Rock. This will constitute all costs and delays associated with installing the CSL Access Tubing in a single shaft, including but not limited to providing and installing access tubing, providing and installing all required bracing for access tubes, providing and placing grout in access tubes.

The Department will pay using a change order for the direct cost of additional testing and concrete coring, authorized by the Engineer, required to investigate shafts with inconclusive CSL records if evaluation of the additional testing or cores indicates that concrete for that drilled shaft is acceptable. This will constitute full compensation for all costs and delays associated with performing additional tests, obtaining and delivering concrete cores to the Geotechnical Branch, and grouting core holes.

7.0 PAYMENT

Special Note for Non-Destructive Testing of Drilled Shafts

The Department will pay for the completed and accepted quantities under the following:

Code	Pay Item	Unit
21321NC	CSL Testing (4 tubes)	Each

The Department will consider payment as full compensation for all work required under this Special Note.

Special Note for Non-Destructive Testing of Drilled Shafts

261510

PROPOSAL BID ITEMS

Report Date 4/21/26

261510

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	11,715.00	TON		$	
0020	00100		ASPHALT SEAL AGGREGATE	9.00	TON		$	
0030	00103		ASPHALT SEAL COAT	1.00	TON		$	
0040	00190		LEVELING & WEDGING PG64-22	1,341.00	TON		$	
0050	00214		CL3 ASPH BASE 1.00D PG64-22	17,384.00	TON		$	
0055	00342		CL4 ASPH SURF 0.38A PG76-22 (ADDED 4-20-26)	185.00	TON		$	
0060	00388		CL3 ASPH SURF 0.38B PG64-22	3,114.00	TON		$	
0070	02101		CEM CONC ENT PAVEMENT-8 IN	1,884.00	SQYD		$	
0080	20071EC		JOINT ADHESIVE	28,600.00	LF		$	
0090	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	40.17	TON		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0100	00078		CRUSHED AGGREGATE SIZE NO 2	12,292.00	TON		$	
0110	01810		STANDARD CURB AND GUTTER	16,150.00	LF		$	
0120	01811		STANDARD CURB AND GUTTER MOD	446.00	LF		$	
0130	01820		LIP CURB AND GUTTER	301.00	LF		$	
0140	01830		STANDARD INTEGRAL CURB	138.00	LF		$	
0150	01875		STANDARD HEADER CURB	920.00	LF		$	
0160	01890		ISLAND HEADER CURB TYPE 1	86.00	LF		$	
0170	02003		RELOCATE TEMP CONC BARRIER (REVISED 4-20-26)	5,030.00	LF		$	
0180	02084		JPC PAVEMENT-8 IN	359.00	SQYD		$	
0190	02091		REMOVE PAVEMENT	700.00	SQYD		$	
0200	02157		PAVED DITCH TYPE 1	25.00	SQYD		$	
0210	02159		TEMP DITCH	4,123.00	LF		$	
0220	02160		CLEAN TEMP DITCH	2,062.00	LF		$	
0230	02165		REMOVE PAVED DITCH	22.00	SQYD		$	
0240	02230		EMBANKMENT IN PLACE	34,092.00	CUYD		$	
0250	02242		WATER	312.00	MGAL		$	
0260	02265		REMOVE FENCE	1,036.00	LF		$	
0270	02275		FENCE-8 FT CHAIN LINK	924.00	LF		$	
0280	02351		GUARDRAIL-STEEL W BEAM-S FACE (REVISED 4-20-26)	362.50	LF		$	
0290	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		$	
0300	02370		GUARDRAIL END TREATMENT TYPE 2M	3.00	EACH		$	
0310	02381		REMOVE GUARDRAIL (REVISED 4-20-26)	1,555.00	LF		$	
0320	02429		RIGHT-OF-WAY MONUMENT TYPE 1	65.00	EACH		$	
0330	02432		WITNESS POST	33.00	EACH		$	
0340	02483		CHANNEL LINING CLASS II	3,395.00	TON		$	
0350	02484		CHANNEL LINING CLASS III	3,335.00	TON		$	

261510

PROPOSAL BID ITEMS

Report Date 4/21/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0360	02545		CLEARING AND GRUBBING APPROX. 17 ACRES	1.00	LS		$	
0370	02562		TEMPORARY SIGNS	354.00	SQFT		$	
0380	02585		EDGE KEY	20.00	LF		$	
0390	02602		FABRIC-GEOTEXTILE CLASS 1	2,320.00	SQYD		$	
0400	02603		FABRIC-GEOTEXTILE CLASS 2	12,850.00	SQYD		$	
0410	02650		MAINTAIN & CONTROL TRAFFIC (KY 884)	1.00	LS		$	
0411	02650		MAINTAIN & CONTROL TRAFFIC (I-165) (ADDED 4-20-26)	1.00	LS		$	
0420	02671		PORTABLE CHANGEABLE MESSAGE SIGN (REVISED 4-20-26)	6.00	EACH		$	
0430	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		$	
0440	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED 4-20-26)	280.00	TON		$	
0450	02690		SAFELOADING	10.00	CUYD		$	
0460	02701		TEMP SILT FENCE	6,477.00	LF		$	
0470	02703		SILT TRAP TYPE A	15.00	EACH		$	
0480	02704		SILT TRAP TYPE B	15.00	EACH		$	
0490	02705		SILT TRAP TYPE C	15.00	EACH		$	
0500	02706		CLEAN SILT TRAP TYPE A	15.00	EACH		$	
0510	02707		CLEAN SILT TRAP TYPE B	15.00	EACH		$	
0520	02708		CLEAN SILT TRAP TYPE C	15.00	EACH		$	
0530	02720		SIDEWALK-4 IN CONCRETE	7,459.00	SQYD		$	
0540	02726		STAKING	1.00	LS		$	
0545	02731		REMOVE STRUCTURE (ADDED 4-20-26)	1.00	LS		$	
0550	02898		RELOCATE CRASH CUSHION (REVISED 4-20-26)	6.00	EACH		$	
0560	02900		INSTALL TEMP CRASH CUSHION (REVISED 4-20-26)	8.00	EACH		$	
0570	03171		CONC BARRIER WALL TYPE 9T (REVISED 4-20-26)	2,860.00	LF		$	
0580	05950		EROSION CONTROL BLANKET	6,500.00	SQYD		$	
0590	05952		TEMP MULCH	57,482.00	SQYD		$	
0600	05953		TEMP SEEDING AND PROTECTION	42,897.00	SQYD		$	
0610	05963		INITIAL FERTILIZER	1.30	TON		$	
0620	05964		MAINTENANCE FERTILIZER	2.10	TON		$	
0630	05985		SEEDING AND PROTECTION	6,222.00	SQYD		$	
0640	05990		SODDING	27,619.00	SQYD		$	
0650	05992		AGRICULTURAL LIMESTONE	25.00	TON		$	
0660	06406		SBM ALUM SHEET SIGNS .080 IN	297.00	SQFT		$	
0670	06410		STEEL POST TYPE 1	400.00	LF		$	
0680	06511		PAVE STRIPING-TEMP PAINT-6 IN (REVISED 4-20-26)	122,860.00	LF		$	
0690	06515		PAVE STRIPING-PERM PAINT-6 IN (REVISED 4-20-26)	39,989.00	LF		$	
0700	06517		PAVE STRIPING-PERM PAINT-12 IN (REVISED 4-20-26)	77.00	LF		$	
0710	06546		PAVE STRIPING-THERMO-12 IN W	603.00	LF		$	
0720	06547		PAVE STRIPING-THERMO-12 IN Y	77.00	LF		$	
0730	06568		PAVE MARKING-THERMO STOP BAR-24IN	62.00	LF		$	
0740	06574		PAVE MARKING-THERMO CURV ARROW	34.00	EACH		$	

261510

PROPOSAL BID ITEMS

Report Date 4/21/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0750	06575		PAVE MARKING-THERMO COMB ARROW	8.00	EACH		$	
0760	06578		PAVE MARKING-THERMO MERGE ARROW	1.00	EACH		$	
0770	06610		INLAID PAVEMENT MARKER-MW	18.00	EACH		$	
0780	06612		INLAID PAVEMENT MARKER-BY	379.00	EACH		$	
0790	10020NS		FUEL ADJUSTMENT	21,374.00	DOLL	$1.00	$	$21,374.00
0800	10030NS		ASPHALT ADJUSTMENT	83,017.00	DOLL	$1.00	$	$83,017.00
0810	20191ED		OBJECT MARKER TY 3	2.00	EACH		$	
0815	20314ED		MILLED RUMBLE STRIPS (ADDED 4-20-26)	1,600.00	LF		$	
0816	20411ED		LAW ENFORCEMENT OFFICER (ADDED 4-20-26)	300.00	HOUR		$	
0820	20629NS719		THRIE BEAM TO W BEAM CONNECTOR	2.00	EACH		$	
0830	21289ED		LONGITUDINAL EDGE KEY	7,397.00	LF		$	
0840	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	2,137.50	LF		$	
0850	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	56.00	LF		$	
0860	23158ES505		DETECTABLE WARNINGS	428.00	SQFT		$	
0870	24114EC		PAVE MARK-THERMO-YIELD	4.00	EACH		$	
0880	24631EC		BARCODE SIGN INVENTORY	67.00	EACH		$	
0890	24845EC		UTILITY COORDINATION	1.00	LS		$	
0900	25079ED		THRIE BEAM GUARDRAIL TRANSITION TL-2	4.00	EACH		$	
0910	26236EC		THRIE BEAM BULLNOSE TERMINAL	2.00	EACH		$	
0920	26248EC		ELECTRONIC DELIVERY MGMT SYSTEM - AGG	1.00	LS		$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0930	00441		ENTRANCE PIPE-18 IN	60.00	LF		$	
0940	00443		ENTRANCE PIPE-24 IN	180.00	LF		$	
0950	00461		CULVERT PIPE-15 IN	48.00	LF		$	
0960	00520		STORM SEWER PIPE-12 IN	4.00	LF		$	
0970	00521		STORM SEWER PIPE-15 IN	2,464.00	LF		$	
0980	00522		STORM SEWER PIPE-18 IN	5,706.00	LF		$	
0990	00524		STORM SEWER PIPE-24 IN	1,474.00	LF		$	
1000	01000		PERFORATED PIPE-4 IN	565.00	LF		$	
1010	01010		NON-PERFORATED PIPE-4 IN	89.00	LF		$	
1020	01020		PERF PIPE HEADWALL TY 1-4 IN	2.00	EACH		$	
1030	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		$	
1040	01204		PIPE CULVERT HEADWALL-18 IN	5.00	EACH		$	
1050	01208		PIPE CULVERT HEADWALL-24 IN	1.00	EACH		$	
1060	01432		SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH		$	
1070	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		$	
1080	01456		CURB BOX INLET TYPE A	68.00	EACH		$	
1090	01496		DROP BOX INLET TYPE 3	11.00	EACH		$	
1100	01544		DROP BOX INLET TYPE 11	1.00	EACH		$	
1110	01547		DROP BOX INLET TYPE 12	40.00	LF		$	
1120	01559		DROP BOX INLET TYPE 13G	7.00	EACH		$	
1130	01568		DROP BOX INLET TYPE 13S	1.00	EACH		$	
1140	01577		DROP BOX INLET TYPE 14	15.00	EACH		$	

261510

PROPOSAL BID ITEMS

Report Date 4/21/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1150	01740		CORED HOLE DRAINAGE BOX CON-4 IN	75.00	EACH		$	
1160	01756		MANHOLE TYPE A	1.00	EACH		$	
1170	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	15,135.00	SQYD	$2.00	$	$30,270.00
1180	08100		CONCRETE-CLASS A	1.99	CUYD		$	
1190	21799EN		BORE AND JACK PIPE-24 IN	113.00	LF		$	
1195	24496ED		PRECAST BOX CULVERT 6'X3' (ADDED 4-20-26)	95.00	LF		$	
1196	24695ED		BOX CULVERT HEADWALL (ADDED 4-20-26)	2.00	EACH		$	
1200	24814EC		PIPELINE INSPECTION	5,643.00	LF		$	

Section: 0004 - BOX CULVERT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1210	02403		REMOVE CONCRETE MASONRY	18.90	CUYD		$	
1220	08003		FOUNDATION PREPARATION	1.00	LS		$	
1230	08100		CONCRETE-CLASS A	96.90	CUYD		$	
1240	08150		STEEL REINFORCEMENT	12,928.00	LB		$	

Section: 0005 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1250	02231		STRUCTURE GRANULAR BACKFILL	242.00	CUYD		$	
1260	03299		ARMORED EDGE FOR CONCRETE	76.20	LF		$	
1270	08003		FOUNDATION PREPARATION	1.00	LS		$	
1280	08020		CRUSHED AGGREGATE SLOPE PROT	1,217.00	TON		$	
1290	08033		TEST PILES	108.00	LF		$	
1300	08046		PILES-STEEL HP12X53	956.00	LF		$	
1310	08094		PILE POINTS-12 IN	22.00	EACH		$	
1320	08100		CONCRETE-CLASS A	562.10	CUYD		$	
1330	08104		CONCRETE-CLASS AA	630.70	CUYD		$	
1340	08136		MECHANICAL REINF COUPLER #11	36.00	EACH		$	
1350	08150		STEEL REINFORCEMENT	68,736.00	LB		$	
1360	08151		STEEL REINFORCEMENT-EPOXY COATED	139,496.00	LB		$	
1370	08670		PRECAST PC BOX BEAM SB27	1,592.50	LF		$	
1380	08709		BRIDGE CHAIN LINK FENCE-7 FT	456.00	LF		$	
1390	20743ED		DRILLED SHAFT 54 IN-SOLID ROCK	135.00	LF		$	
1400	20744ED		DRILLED SHAFT 60 IN-COMMON	459.00	LF		$	
1410	20745ED		ROCK SOUNDINGS	488.30	LF		$	
1420	20746ED		ROCK CORINGS	354.00	LF		$	
1425	21321NC		CSL TESTING (4 TUBES) (ADDED 4-21-26)	15.00	EACH		$	
1430	23378EC		CONCRETE SEALING	30,303.00	SQFT		$	
1440	23813EC		DECK DRAIN	8.00	EACH		$	
1450	26233EC		MOBILIZATION FOR CONCRETE SURF TREATMENT	1.00	LS		$	

261510

PROPOSAL BID ITEMS

Report Date 4/21/26

Section: 0006 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1460	04700		POLE 30 FT MTG HT	10.00	EACH		$	
1470	04720		BRACKET 4 FT	2.00	EACH		$	
1480	04723		BRACKET 10 FT	7.00	EACH		$	
1490	04725		BRACKET 15 FT	1.00	EACH		$	
1500	04740		POLE BASE	10.00	EACH		$	
1510	04750		TRANSFORMER BASE	10.00	EACH		$	
1520	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		$	
1530	04780		FUSED CONNECTOR KIT	20.00	EACH		$	
1540	04795		CONDUIT-2 IN	250.00	LF		$	
1550	04820		TRENCHING AND BACKFILLING	1,267.00	LF		$	
1560	04832		WIRE-NO. 12	1,209.00	LF		$	
1570	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	8.00	EACH		$	
1580	21543EN		BORE AND JACK CONDUIT	250.00	LF		$	
1590	23778EC		WIRE-NO. 10	5,169.00	LF		$	
1600	24589ED		LED LUMINAIRE	10.00	EACH		$	
1610	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	1,267.00	LF		$	

Section: 0007 - DEMOBILIZATION AND/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1620	02568		MOBILIZATION	1.00	LS		$	
1630	02569		DEMOBILIZATION	1.00	LS		$	

LETTING DATE

CONSTRUCTION PROJECT NO.

TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

WARREN COUNTY
THREE SPRINGS ROAD
KY 884 OVER I-165
STA. 356+56.00

ESTIMATE OF QUANTITIES

BID ITEM CODE		08100	08104	08150	08151	08020	02231	23378EC	08046	08033	03299	08094	08003	26233EC	08670	20744ED	20743ED	20746ED	20745ED	23813EC	08709	08136	21321NC				
BID ITEM		Concrete Class "A"	Concrete Class "AA"	Steel Reinforcement	Steel Reinforcement, Epoxy Coated	Crushed Aggregate Slope Protection	Structure Granular Backfill	Concrete Sealing	Piles - Steel HP 12 x 53	Test Piles	Armored Edge for Concrete	Pile Points 12 Inch	Foundation Preparation	Mobilization for Concrete Surface Treatment	PPC Box Beam SB27	Drilled Shaft Common 60 IN	Drilled Shaft Solid Rock 54 IN	Rock Coring	Rock Sounding	Deck Drains	Chain Link Fence 7 Foot	Mechanical Reinf. Coupler No. 11	CSL TESTING (4 TUBES)				
UNIT		C.Y.	C.Y.	LBS.	LBS.	Tons	C.Y.	S.F.	L.F.	L.F.	L.F.	Each	L.S.	L.S.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH	L.F.	EACH	EACH				
Substructure	Integral End Bent #1	27.5	17.9		5124	619	121	228	481	55		11															
	Pier #1	171.2		23577				2879								150	45	121	161.5			12					
	Pier #2	166.6		22290				2752								159	45	115	171.0			12					
	Pier #3	168.9		22869				2813								150	45	118	155.8			12					
	Integral End Bent #2	27.9	18.0		5124	598	121	233	475	53		11															
Superstructure			594.8		129248			21398			76.2				1592.5					8	456						
BRIDGE TOTALS		562.1	630.7	68736	139496	1217	242	30303	956	108	76.2	22	1	1	1592.5	459	135	354	488.3	8	456	36	15				

INDEX OF SHEETS

SPECIAL NOTES

Special Note for Concrete Sealing

11C Drilled Shafts

SPECIAL PROVISIONS

69 Embankment at Bridge End Bent Structures

STANDARD DRAWINGS

BBP-003-02	Elastomeric Bearing Pads for Box Beams
BGX-006-10	Stencils for Structures
BGX-012-02	Geotechnical Legend
BJE-001-14	Armored Edges
BPS-003-09	HP12x53 Steel Pile
RBM-115-10	Concrete Barrier Wall Type 9T (Temporary)
RBM-120-02	Box Beam Stiffening PF Temporary Concrete Barrier

SPECIFICATIONS

2019 Standard Specifications for Road and Bridge Construction.

2020 AASHTO LRFD Bridge Design Specifications

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM KENTUCKY TRANSPORTATION CABINET

REVISION	DATE

PREPARED BY
Division of Structural Design

DATE: January 2026 | CHECKED BY
DESIGNED BY: W. Deaton | E. Kilgore
DETAILED BY: K. Ee | E. Kilgore

TITLE SHEET

CROSSING: I-165

ROUTE	ITEM NO.	COUNTY OF
KY 884	3-8818	WARREN
	SHEET NO. S1	DRAWING NUMBER 28518

MicroStation v10.16.3.31 USER: william.deaton DATE PLOTTED: 5-FEB-2026 FILE NAME: J:\District03\3-8818 Warren KY 884 Three Springs Road Extension\28518 Bridge over I-165\Details\28518.dgn

LETTING DATE

CONSTRUCTION PROJECT NO.

REVISED 04-21-2026

TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

WARREN COUNTY
THREE SPRINGS ROAD
KY 884 OVER I-165
STA. 356+56.00

ESTIMATE OF QUANTITIES

BID ITEM CODE		08100	08104	08150	08151	08020	02231	23378EC	08046	08033	03299	08094	08003	26233EC	08670	20744ED	20743ED	20746ED	20745ED	23813EC	08709	08136	21321NC				
BID ITEM		Concrete Class "A"	Concrete Class "AA"	Steel Reinforcement	Steel Reinforcement, Epoxy Coated	Crushed Aggregate Slope Protection	Structure Granular Backfill	Concrete Sealing	Piles - Steel HP 12 x 53	Test Piles	Armored Edge for Concrete	Pile Points 12 Inch	Foundation Preparation	Mobilization for Concrete Surface Treatment	PPC Box Beam SB27	Drilled Shaft Common 60 IN	Drilled Shaft Solid Rock 54 IN	Rock Coring	Rock Sounding	Deck Drains	Chain Link Fence 7 Foot	Mechanical Reinf. Coupler No. 11	CSL TESTING (4 TUBES)				
UNIT		C.Y.	C.Y.	LBS.	LBS.	Tons	C.Y.	S.F.	L.F.	L.F.	L.F.	Each	L.S.	L.S.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH	L.F.	EACH	EACH				
Substructure	Integral End Bent #1	27.5	17.9		5124	619	121	228	481	55		11															
	Pier #1	171.2		23577				2879								150	45	121	161.5								
	Pier #2	166.6		22290				2752								159	45	115	171.0								
	Pier #3	168.9		22869				2813								150	45	118	155.8								
	Integral End Bent #2	27.9	18.0		5124	598	121	233	475	53		11															
Superstructure			594.8		129248			21398			76.2				1592.5					8	456						
BRIDGE TOTALS		562.1	630.7	68736	139496	1217	242	30303	956	108	76.2	22	1	1	1592.5	459	135	354	488.3	8	456	36	15				

INDEX OF SHEETS

SPECIAL NOTES

Special Note for Concrete Sealing

11C Drilled Shafts

SPECIAL PROVISIONS

69 Embankment at Bridge End Bent Structures

STANDARD DRAWINGS

BBP-003-02	Elastomeric Bearing Pads for Box Beams
BGX-006-10	Stencils for Structures
BGX-012-02	Geotechnical Legend
BJE-001-14	Armored Edges
BPS-003-09	HP12x53 Steel Pile
RBM-115-10	Concrete Barrier Wall Type 9T (Temporary)
RBM-120-02	Box Beam Stiffening PF Temporary Concrete Barrier

SPECIFICATIONS

2019 Standard Specifications for Road and Bridge Construction.

2020 AASHTO LRFD Bridge Design Specifications

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM KENTUCKY TRANSPORTATION CABINET

REVISION	DATE

PREPARED BY
Division of Structural Design

DATE: January 2026 | CHECKED BY
DESIGNED BY: W. Deaton | E. Kilgore
DETAILED BY: K. Ee | E. Kilgore

TITLE SHEET

CROSSING: I-165

ROUTE	ITEM NO.	COUNTY OF
KY 884	3-8818	WARREN
	SHEET NO. S1	DRAWING NUMBER 28518

MicroStation v10.16.3.31 USER: william.deaton DATE PLOTTED: 5-FEB-2026 FILE NAME: J:\District03\3-8818 Warren KY 884 Three Springs Road Extension\28518 Bridge over I-165\Details\28518.dgn