



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

July 15, 2025

CALL NO. 200
CONTRACT ID NO. 251016
ADDENDUM # 1

Subject: Laurel- Whitley Counties, 121GR25D016-NHPP
Letting July 24, 2025

- (1) Revised - DBE Goal - Cover Page
- (2) Added - Special Notes - Pages 96A-96F of 287
- (3) Revised - Material Summary - Pages 214-225 of 287
- (4) Revised - Proposal Bid Items - Pages 277-287 of 287
- (5) Revised - Plan Sheets: R2L, R3, R5,
Drawing 25767: S1, S34
Drawing 25781: S1, S2
Drawing 28979: S1
Drawing 28920: S1, S2
Drawing 28921: 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



CALL NO. 200

CONTRACT ID. 251016

LAUREL - WHITLEY COUNTIES

FED/STATE PROJECT NUMBER 121GR25D016-NHPP

DESCRIPTION I-75

WORK TYPE GRADE, DRAIN & SURFACE WITH BRIDGE

PRIMARY COMPLETION DATE 6/1/2028

LETTING DATE: July 24,2025

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME July 24,2025. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

PLANS AVAILABLE FOR THIS PROJECT.

DBE CERTIFICATION REQUIRED - 0%

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

Special Note for

Concrete Median Barrier Wall TL5 56" connection to existing ITS Wall at Station 1272+00

The Contractor shall remove both crash cushions, guardrail, and the end anchor walls on either side of the median ITS support wall at Station 1272+00. The new permanent median barrier wall shall be transitioned to match the vertical face of the existing ITS support wall. The barrier wall transition and attachment of the barrier wall to the ITS support wall shall be constructed according to Sepia 042 Sheet 006: Concrete Median Barrier TL5 56 IN. All work required for the removal of crash cushions, demolition of the existing concrete anchor walls, barrier transition and positive connections will be considered incidental to the Bid Item 1978 – Conc Median Barrier Type A TL5 56IN.

Special Note for
Cable Guardrail Barrier & End Anchor

The Contractor shall cut the existing high tension cable guardrail at approximately Station 1258+50 and install a new end anchor in accordance with the attached PDF details from Brifen USA. The end anchor location will be determined by the Engineer and shall be placed near Station 1258+50 such that the NB direction of traffic cannot cross over with a 15 degree divergence angle and enter traffic in the opposite direction. Plan Sheet R3 shows the amount of new Cable Guardrail required and the approximate location of the end anchor. Payment for cutting the existing rail and installing the new end anchor will be with the following bid item:

23148EN	End Anchors	EACH
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SEA RH NUTS (JAT) W/ FLAT WASHER

A diagram of a cable-stayed bridge. It features a single tall pylon with multiple stay cables fanning out to support the bridge deck. The deck is shown with a blue hatched pattern. The bridge is supported by a single pier in the water.

WIGT END ANCHOR ASSEMBLY IMGT41

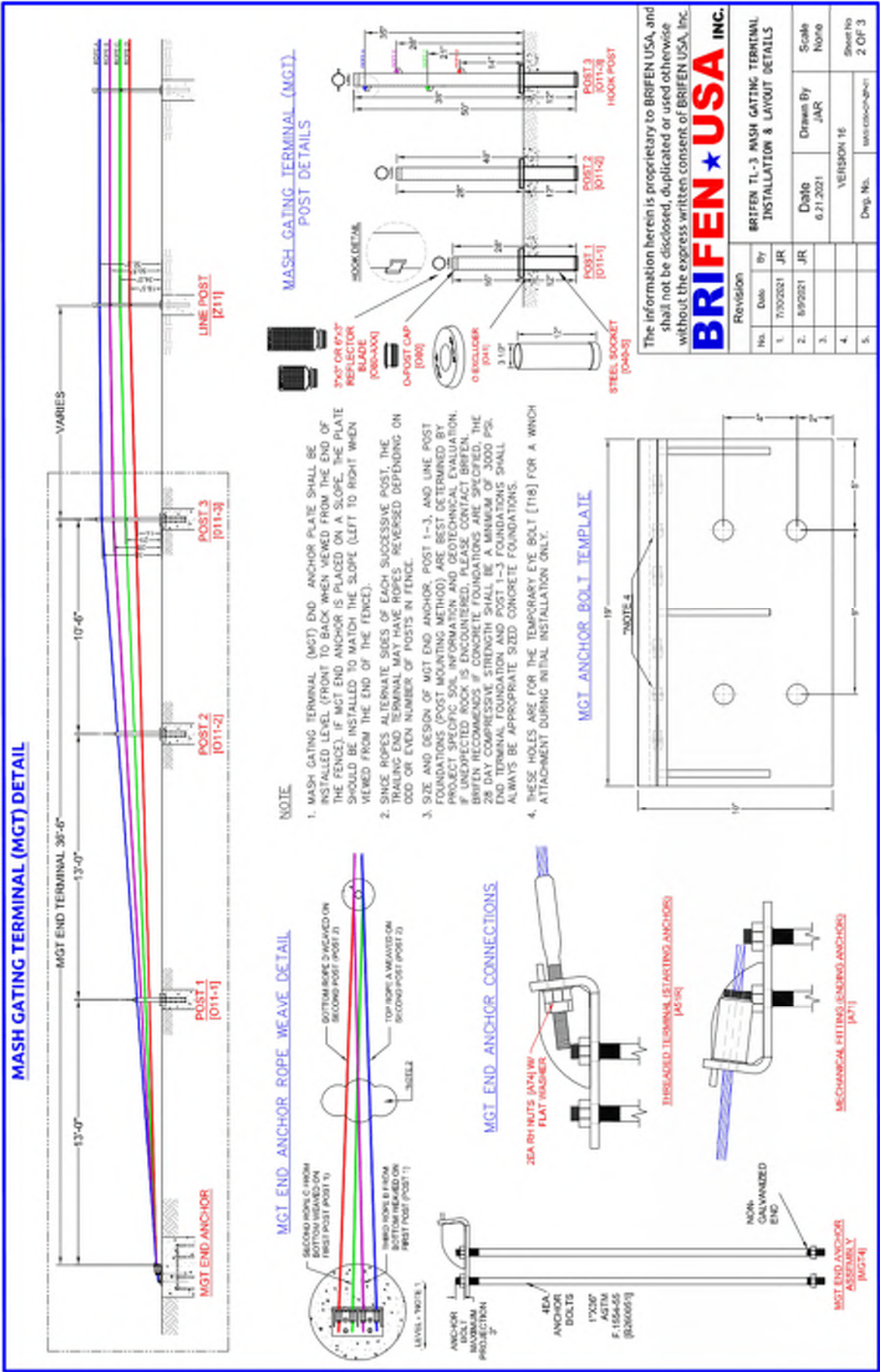
1. WASH GATING TERMINAL (MGT) END ANCHOR PLATE SHALL BE INSTALLED LEVEL (FRONT TO BACK WHEN VIEWED FROM THE END OF THE FENCE). IF MGT END ANCHOR IS PLACED ON A SLOPE, THE PLATE SHALL BE INSTALLED TO MATCH THE SLOPE (LEFT TO RIGHT WHEN VIEWED FROM THE END OF THE FENCE).
2. SINCE ROPES ALTERNATE SIZES OF EACH SUCCESSIVE POST, THE TRAILING END TERMINAL MAY HAVE ROPES REVERSED DEPENDING ON ODD OR EVEN NUMBER OF POSTS IN FENCE.
3. SIZE AND DESIGN OF MGT END METHOD, POST 1-3, AND LINE POST FOUNDATIONS (POST MOUNTING METHOD) ARE BEST DETERMINED BY PROJECT SPECIFIC SOIL INFORMATION AND GEOTECHNICAL EVALUATION. IF UNEXPECTED ROCK IS ENCOUNTERED, PLEASE CONTACT BRIFEN. BRIFEN RECOMMENDS IF CONCRETE FOUNDATIONS ARE SPECIFIED, THE 28 DAY COMPRESSIVE STRENGTH SHALL BE A MINIMUM OF 3000 PSI. END TERMINAL FOUNDATION AND POST 1-3 FOUNDATIONS SHALL ALWAYS BE APPROPRIATE SIZED CONCRETE FOUNDATIONS.
4. THESE HOLES ARE FOR THE TEMPORARY EYE BOLT [T18] FOR A WINCH ATTACHMENT DURING INITIAL INSTALLATION ONLY.

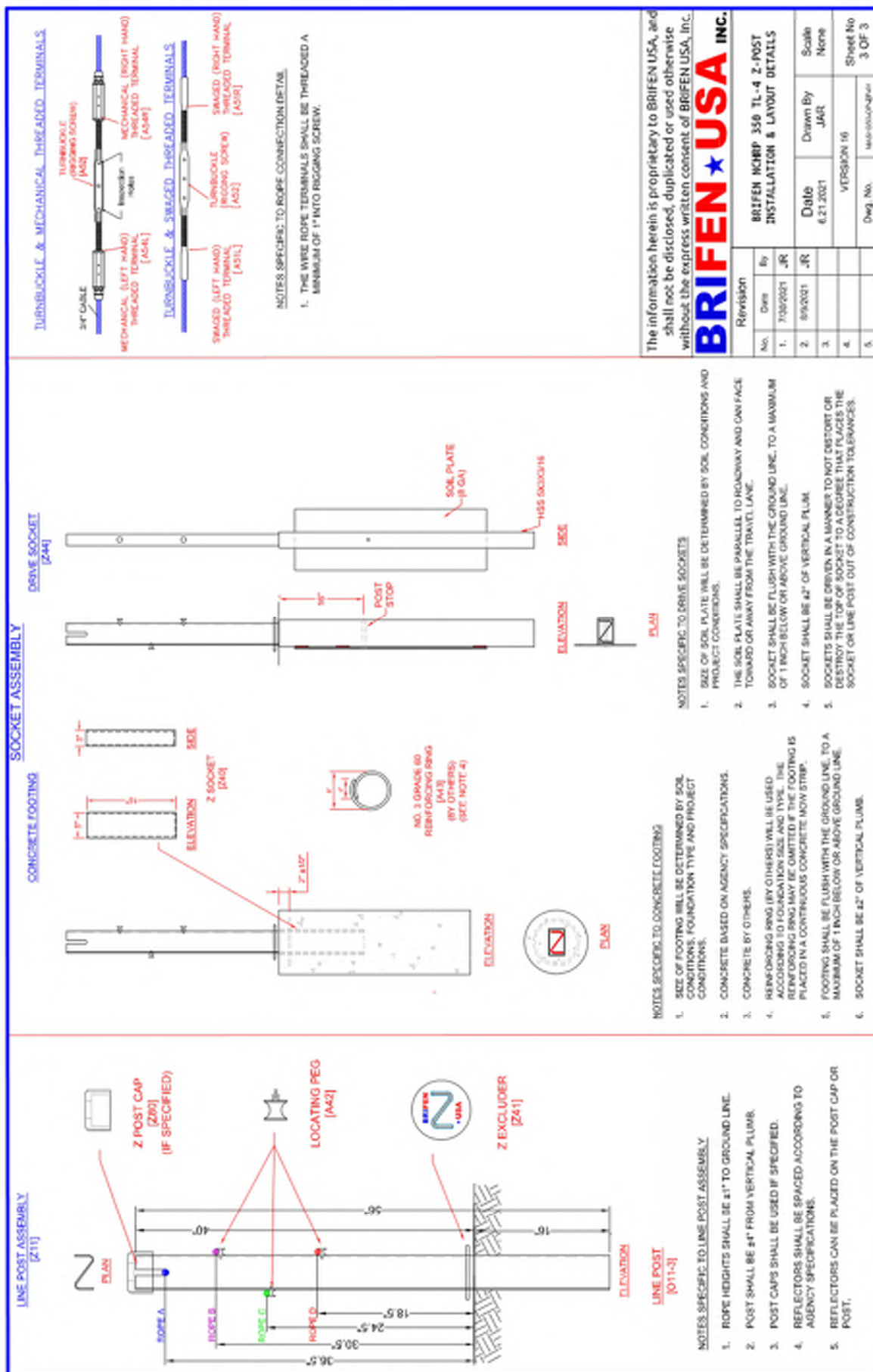
[illegible]

The information herein is proprietary to BRIFEN USA, and shall not be disclosed, duplicated or used otherwise without the express written consent of BRIFEN USA, Inc.

BRIFEN★USA

Revision			BRIEFING TL-3 MUSH GATTING TERMINAL INSTALLATION & LAYOUT DETAILS			
No.	Date	By	Date	Drawn By	Scale	Sheet No 2 OF 3
1.	7/30/2021	JR			None	
2.	8/9/2021	JR				
3.						
4.						
5.						





Special Note for
Minimum Vertical Clearance at Overhead DMS Sign

There is an existing overhead sign truss and Digital Message Sign (DMS) at approximately Station 1272+00 over the northbound lanes. This truss and sign are to remain in place and not be disturbed by the project. The minimum vertical clearance over the driving lanes and shoulders after all construction is complete shall be 17.8 feet. This clearance shall be measured to the lowest component of the truss or DMS.

There is also a verification camera south of the existing DMS on a metal pole. This camera, pole, and any power or service lines are not to be disturbed by the project.

MATERIAL SUMMARY

CONTRACT ID: 251016

121GR25D016-NHPP

DE06300752516

I-75 TENNESSEE STATE LINE-LEXINGTON PRIORITY SECTION OF WIDENING 1-75 FROM MP 23.2 IN WHITLEY COUNTY TO MP 28.90 US-25E NORTH OF CORBIN GRADE DRAIN & SURFACE WITH BRIDGE, A DISTANCE OF 5.9 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00001	DGA BASE	35,412.00	TON
0010	00008	CEMENT STABILIZED ROADBED	22,213.00	SQYD
0015	00018	DRAINAGE BLANKET-TYPE II-ASPH	23,566.00	TON
0020	00100	ASPHALT SEAL AGGREGATE	153.00	TON
0025	00103	ASPHALT SEAL COAT	18.00	TON
0030	00190	LEVELING & WEDGING PG64-22	8,271.00	TON
0035	00214	CL3 ASPH BASE 1.00D PG64-22	9,656.00	TON
0040	00217	CL4 ASPH BASE 1.00D PG64-22	4,556.00	TON
0045	00219	CL4 ASPH BASE 1.00D PG76-22	8,866.00	TON
0050	00339	CL3 ASPH SURF 0.38D PG64-22	3,871.00	TON
0055	00342	CL4 ASPH SURF 0.38A PG76-22	4,404.00	TON
0060	00358	ASPHALT CURING SEAL	40.00	TON
0065	02542	CEMENT	484.00	TON
0070	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS
0075	02677	ASPHALT PAVE MILLING & TEXTURING	3,142.00	TON
0080	02702	SAND FOR BLOTTER	124.00	TON
0085	24904EC	CL3 ASPH BASE CK PG64-22	5,319.00	TON
0090	24905EC	CL4 ASPH BASE CK PG64-22	6,059.00	TON
0095	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	116.00	TON
0100	00078	CRUSHED AGGREGATE SIZE NO 2	34.00	TON
0105	01000	PERFORATED PIPE-4 IN	11,764.00	LF
0110	01001	PERFORATED PIPE-6 IN	3,166.00	LF
0115	01010	NON-PERFORATED PIPE-4 IN	420.00	LF
0120	01011	NON-PERFORATED PIPE-6 IN	120.00	LF
0125	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM - LAUREL	1.00	LS
0130	01020	PERF PIPE HEADWALL TY 1-4 IN	23.00	EACH
0135	01028	PERF PIPE HEADWALL TY 3-4 IN	7.00	EACH
0140	01032	PERF PIPE HEADWALL TY 4-4 IN	3.00	EACH
0145	01033	PERF PIPE HEADWALL TY 4-6 IN	1.00	EACH
0150	01740	CORED HOLE DRAINAGE BOX CON-4 IN	1.00	EACH
0155	01741	CORED HOLE DRAINAGE BOX CON-6 IN	9.00	EACH
0160	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN	3,429.00	LF
0165	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	96.00	EACH
0170	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	2.00	EACH
0175	01984	DELINEATOR FOR BARRIER - WHITE	138.00	EACH
0180	01985	DELINEATOR FOR BARRIER - YELLOW	154.00	EACH
0185	01986	DELINEATOR FOR BARRIER WALL-B/Y	55.00	EACH
0190	02002	REMOVE TEMP CONC BARRIER WALL	575.00	LF
0195	02003	RELOCATE TEMP CONC BARRIER	8,044.00	LF
0200	02014	BARRICADE-TYPE III	4.00	EACH
0205	02159	TEMP DITCH	2,827.00	LF
0210	02160	CLEAN TEMP DITCH	1,414.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0215	02200	ROADWAY EXCAVATION	134,671.00	CUYD
0220	02242	WATER	1,779.00	MGAL
0225	02268	REMOVE & REPLACE FENCE	9,667.00	LF
0230	02351	GUARDRAIL-STEEL W BEAM-S FACE	7,275.00	LF
0235	02367	GUARDRAIL END TREATMENT TYPE 1	6.00	EACH
0240	02369	GUARDRAIL END TREATMENT TYPE 2A	6.00	EACH
0245	02381	REMOVE GUARDRAIL	5,562.00	LF
0250	02545	CLEARING AND GRUBBING - 30.89 ACRES- LAUREL	1.00	LS
0255	02555	CONCRETE-CLASS B	4.60	CUYD
0260	02562	TEMPORARY SIGNS	248.00	SQFT
0265	02585	EDGE KEY	285.00	LF
0270	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,800.00	SQYD
0275	02650	MAINTAIN & CONTROL TRAFFIC - LAUREL	1.00	LS
0280	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0285	02696	SHOULDER RUMBLE STRIPS	25,187.00	LF
0290	02701	TEMP SILT FENCE	2,827.00	LF
0295	02703	SILT TRAP TYPE A	33.00	EACH
0300	02704	SILT TRAP TYPE B	33.00	EACH
0305	02705	SILT TRAP TYPE C	33.00	EACH
0310	02706	CLEAN SILT TRAP TYPE A	33.00	EACH
0315	02707	CLEAN SILT TRAP TYPE B	33.00	EACH
0320	02708	CLEAN SILT TRAP TYPE C	33.00	EACH
0325	02726	STAKING - LAUREL	1.00	LS
0330	02731	REMOVE STRUCTURE - US 25E EXISTING STRUCTURE- LAUREL	1.00	LS
0335	02775	ARROW PANEL	4.00	EACH
0340	02898	RELOCATE CRASH CUSHION	3.00	EACH
0345	03171	CONC BARRIER WALL TYPE 9T	12,555.00	LF
0350	05950	EROSION CONTROL BLANKET	321.00	SQYD
0355	05952	TEMP MULCH	107,758.00	SQYD
0360	05953	TEMP SEEDING AND PROTECTION	80,147.00	SQYD
0365	05963	INITIAL FERTILIZER	5.00	TON
0370	05964	MAINTENANCE FERTILIZER	8.30	TON
0375	05985	SEEDING AND PROTECTION	160,833.00	SQYD
0380	05992	AGRICULTURAL LIMESTONE	99.70	TON
0385	06511	PAVE STRIPING-TEMP PAINT-6 IN	42,005.00	LF
0390	06511	PAVE STRIPING-TEMP PAINT-6 IN	39,823.00	LF
0395	06542	PAVE STRIPING-THERMO-6 IN W	22,834.00	LF
0400	06543	PAVE STRIPING-THERMO-6 IN Y	14,469.00	LF
0405	06546	PAVE STRIPING-THERMO-12 IN W	1,784.00	LF
0410	06549	PAVE STRIPING-TEMP REM TAPE-B	24,807.00	LF
0415	06556	PAVE STRIPING-DUR TY 1-6 IN W	609.00	LF
0420	06557	PAVE STRIPING-DUR TY 1-6 IN Y	406.00	LF
0425	06568	PAVE MARKING-THERMO STOP BAR-24IN	108.00	LF
0430	06569	PAVE MARKING-THERMO CROSS-HATCH	319.00	SQFT
0435	06574	PAVE MARKING-THERMO CURV ARROW	33.00	EACH
0440	06578	PAVE MARKING-THERMO MERGE ARROW	6.00	EACH
0445	06589	PAVEMENT MARKER TYPE V-MW	19.00	EACH
0450	06610	INLAID PAVEMENT MARKER-MW	52.00	EACH
0455	06611	INLAID PAVEMENT MARKER-MY	26.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0460	06613	INLAID PAVEMENT MARKER-B W/R	287.00	EACH
0465	06614	INLAID PAVEMENT MARKER-B Y/R	305.00	EACH
0470	08902	CRASH CUSHION TY VI CLASS B TL3	3.00	EACH
0475	08909	CRASH CUSHION TY VI CLASS D TL3	1.00	EACH
0480	10020NS	FUEL ADJUSTMENT	170,230.00	DOLL
0485	10030NS	ASPHALT ADJUSTMENT	272,173.00	DOLL
0490	20191ED	OBJECT MARKER TY 3	5.00	EACH
0495	20550ND	SAWCUT PAVEMENT	10,700.00	LF
0500	22664EN	WATER BLASTING EXISTING STRIPE	1,171.00	LF
0505	23274EN11F	TURF REINFORCEMENT MAT 1	1,663.00	SQYD
0510	23875NC	REMOVE THERMOPLASTIC ARROWS	6.00	EACH
0515	23929EC	LIGHTWEIGHT AGGREGATE FILL	1,256.00	CUYD
0520	24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	3,027.00	LF
0525	24640ED	OBJECT MARKER TYPE 1	1.00	EACH
0530	24679ED	PAVE MARK THERMO CHEVRON	353.00	SQFT
0535	24779EC	INTELLIGENT COMPACTION FOR SOIL	90,000.00	CUYD
0540	24780EC	INTELLIGENT COMPACTION FOR AGGREGATE	35,347.00	TON
0545	24781EC	INTELLIGENT COMPACTION FOR ASPHALT	76,993.00	TON
0550	24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	3,222,645.00	SF
0555	25075EC	QUEUE PROTECTION VEHICLE	400.00	HOURL
0560	25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	6.00	EACH
0565	25079ED	THRIE BEAM GUARDRAIL TRANSITION TL-2	2.00	EACH
0570	25117EC	FURNISH QUEUE PROTECTION VEHICLES	12.00	MONT
0575	26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	6.00	MONT
0580	26137EC	QUEUE WARNING PCMS	36.00	MONT
0585	26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	36.00	MONT
0590	26248EC	ELECTRONIC DELIVERY MGMT SYSTEM - AGG - LAUREL	1.00	LS
0595	00461	CULVERT PIPE-15 IN	99.00	LF
0600	00462	CULVERT PIPE-18 IN	71.00	LF
0605	00464	CULVERT PIPE-24 IN	41.00	LF
0610	00469	CULVERT PIPE-42 IN	11.00	LF
0615	00521	STORM SEWER PIPE-15 IN	352.00	LF
0620	00522	STORM SEWER PIPE-18 IN	61.00	LF
0625	01202	PIPE CULVERT HEADWALL-15 IN	5.00	EACH
0630	01204	PIPE CULVERT HEADWALL-18 IN	3.00	EACH
0635	01208	PIPE CULVERT HEADWALL-24 IN	2.00	EACH
0640	01214	PIPE CULVERT HEADWALL-42 IN	1.00	EACH
0645	01310	REMOVE PIPE	659.00	LF
0650	01480	CURB BOX INLET TYPE B	6.00	EACH
0655	01505	DROP BOX INLET TYPE 5B	1.00	EACH
0660	01624	CONC MED BARR BOX INLET TY B2 TL5 56	8.00	EACH
0665	01641	JUNCTION BOX-15 IN	2.00	EACH
0670	01642	JUNCTION BOX-18 IN	1.00	EACH
0675	24861EC	PVC FOLD AND FORM PIPE LINER-15 IN	942.00	LF
0680	24862EC	PVC FOLD AND FORM PIPE LINER-18 IN	184.00	LF
0685	24863EC	PVC FOLD AND FORM PIPE LINER-24 IN	565.00	LF
0690	24864EC	PVC FOLD AND FORM PIPE LINER-30 IN	309.00	LF
0695	26168EC	PVC FOLD AND FORM PIPE LINER-42 IN	175.00	LF
0700	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN	204.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0705	02231	STRUCTURE GRANULAR BACKFILL	366.00	CUYD
0710	03299	ARMORED EDGE FOR CONCRETE	251.20	LF
0715	08003	FOUNDATION PREPARATION	1.00	LS
0720	08020	CRUSHED AGGREGATE SLOPE PROT	648.00	TON
0725	08033	TEST PILES	55.00	LF
0730	08046	PILES-STEEL HP12X53	840.00	LF
0735	08094	PILE POINTS-12 IN	40.00	EACH
0740	08100	CONCRETE-CLASS A	813.60	CUYD
0745	08104	CONCRETE-CLASS AA	845.20	CUYD
0750	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED - (REVISED 7-15-25)	1,686.00	EACH
0755	08151	STEEL REINFORCEMENT-EPOXY COATED	424,236.00	LB
0760	08669	PRECAST PC BOX BEAM SB21	3,176.00	LF
0765	20637ED	DRILLED SHAFT-ROCK 48 IN	243.00	LF
0770	20743ED	DRILLED SHAFT 54 IN-SOLID ROCK	168.00	LF
0775	20745ED	ROCK SOUNDINGS	264.80	LF
0780	20746ED	ROCK CORINGS	609.00	LF
0785	21321NC	CSL TESTING (4 TUBES)	27.00	EACH
0790	22417EN	DRILLED SHAFT-54 IN-COMMON	120.00	LF
0795	23378EC	CONCRETE SEALING	50,662.00	SQFT
0800	24405EC	MECHANICAL REINF COUPLER #8-EPOXY COATED - (REVISED 7-15-25)	34.00	EACH
0805	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	407.00	LF
0810	02403	REMOVE CONCRETE MASONRY	12.50	CUYD
0815	08002	STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD
0820	08003	FOUNDATION PREPARATION	1.00	LS
0825	08100	CONCRETE-CLASS A	31.00	CUYD
0830	08150	STEEL REINFORCEMENT	3,307.00	LB
0835	04903	REFERENCE MARKER	8.00	EACH
0840	06400	GMSS GALV STEEL TYPE A	5,556.00	LB
0845	06405	SBM ALUMINUM PANEL SIGNS	1,948.60	SQFT
0850	06406	SBM ALUM SHEET SIGNS .080 IN	23.00	SQFT
0855	06407	SBM ALUM SHEET SIGNS .125 IN	231.00	SQFT
0860	06410	STEEL POST TYPE 1	520.00	LF
0865	06412	STEEL POST MILE MARKERS	2.00	EACH
0870	06441	GMSS GALV STEEL TYPE C	3,111.00	LB
0875	06478	OSS GALV STEEL 75 FT TRUSS	1.00	EACH
0880	06480	OSS GALV STEEL 85 FT TRUSS	1.00	EACH
0885	06490	CLASS A CONCRETE FOR SIGNS	107.13	CUYD
0890	06491	STEEL REINFORCEMENT FOR SIGNS	8,437.00	LB
0895	20419ND	ROADWAY CROSS SECTION	10.00	EACH
0900	20912ND	BARRIER WALL POST	4.00	EACH
0905	21596ND	GMSS TYPE D	6.00	EACH
0910	24631EC	BARCODE SIGN INVENTORY	27.00	EACH
0915	02568	MOBILIZATION	1.00	LS
0920	02569	DEMOBILIZATION	1.00	LS
0925	20411ED	LAW ENFORCEMENT OFFICER - (ADDED 7-15-25)	800.00	HOUR
0935	26223ED	PRESSURE TEST OF SOIL GROUTING - (ADDED 7-15-25)	1.00	EACH

MATERIAL SUMMARY

CONTRACT ID: 251016

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I-75 TENNESSEE STATE LINE-LEXINGTON PRIORITY SECTION OF WIDENING 1-75 FROM MP 23.2 IN WHITLEY COUNTY TO MP 28.90 US-25E NORTH OF CORBIN GRADE DRAIN & SURFACE WITH BRIDGE, A DISTANCE OF 5.9 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0925	00001	DGA BASE	149,785.00	TON
0930	00008	CEMENT STABILIZED ROADBED	152,287.00	SQYD
0935	00018	DRAINAGE BLANKET-TYPE II-ASPH	105,117.00	TON
0940	00100	ASPHALT SEAL AGGREGATE	675.00	TON
0945	00103	ASPHALT SEAL COAT	82.10	TON
0950	00190	LEVELING & WEDGING PG64-22	28,433.00	TON
0955	00212	CL2 ASPH BASE 1.00D PG64-22	1,076.00	TON
0960	00214	CL3 ASPH BASE 1.00D PG64-22	42,524.00	TON
0965	00217	CL4 ASPH BASE 1.00D PG64-22	19,971.00	TON
0970	00219	CL4 ASPH BASE 1.00D PG76-22	38,634.00	TON
0975	00301	CL2 ASPH SURF 0.38D PG64-22	345.00	TON
0980	00339	CL3 ASPH SURF 0.38D PG64-22	15,186.00	TON
0985	00342	CL4 ASPH SURF 0.38A PG76-22	19,193.00	TON
0990	00358	ASPHALT CURING SEAL	177.00	TON
0995	02542	CEMENT	3,317.00	TON
1000	02676	MOBILIZATION FOR MILL & TEXT - WHITLEY	1.00	LS
1005	02677	ASPHALT PAVE MILLING & TEXTURING	11,506.00	TON
1010	02702	SAND FOR BLOTTER	553.00	TON
1015	24904EC	CL3 ASPH BASE CK PG64-22	24,232.00	TON
1020	24905EC	CL4 ASPH BASE CK PG64-22	26,549.00	TON
1025	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	509.00	TON
1030	00078	CRUSHED AGGREGATE SIZE NO 2	130.00	TON
1035	01000	PERFORATED PIPE-4 IN	46,883.00	LF
1040	01001	PERFORATED PIPE-6 IN	22,198.00	LF
1045	01010	NON-PERFORATED PIPE-4 IN	1,584.00	LF
1050	01011	NON-PERFORATED PIPE-6 IN	624.00	LF
1055	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM - WHITLEY	1.00	LS
1060	01020	PERF PIPE HEADWALL TY 1-4 IN	68.00	EACH
1065	01028	PERF PIPE HEADWALL TY 3-4 IN	19.00	EACH
1070	01032	PERF PIPE HEADWALL TY 4-4 IN	41.00	EACH
1075	01033	PERF PIPE HEADWALL TY 4-6 IN	2.00	EACH
1080	01740	CORED HOLE DRAINAGE BOX CON-4 IN	1.00	EACH
1085	01741	CORED HOLE DRAINAGE BOX CON-6 IN	50.00	EACH
1090	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN	22,850.00	LF
1095	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	386.00	EACH
1100	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	14.00	EACH
1105	01984	DELINEATOR FOR BARRIER - WHITE	626.00	EACH
1110	01985	DELINEATOR FOR BARRIER - YELLOW	701.00	EACH
1115	01986	DELINEATOR FOR BARRIER WALL-B/Y	251.00	EACH
1120	02003	RELOCATE TEMP CONC BARRIER	36,646.00	LF
1125	02014	BARRICADE-TYPE III	4.00	EACH
1130	02159	TEMP DITCH	15,654.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1135	02160	CLEAN TEMP DITCH	7,826.00	LF
1140	02200	ROADWAY EXCAVATION	745,001.00	CUYD
1145	02242	WATER	7,123.00	MGAL
1150	02262	FENCE-WOVEN WIRE TYPE 1	1,921.00	LF
1155	02265	REMOVE FENCE	1,830.00	LF
1160	02268	REMOVE & REPLACE FENCE	48,750.00	LF
1165	02351	GUARDRAIL-STEEL W BEAM-S FACE	30,250.00	LF
1170	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
1175	02367	GUARDRAIL END TREATMENT TYPE 1	25.00	EACH
1180	02369	GUARDRAIL END TREATMENT TYPE 2A	25.00	EACH
1185	02381	REMOVE GUARDRAIL	27,547.00	LF
1190	02429	RIGHT-OF-WAY MONUMENT TYPE 1	15.00	EACH
1195	02432	WITNESS POST	15.00	EACH
1200	02484	CHANNEL LINING CLASS III	553.00	TON
1205	02545	CLEARING AND GRUBBING - 123.55 ACRES- WHITLEY	1.00	LS
1210	02555	CONCRETE-CLASS B	20.50	CUYD
1215	02562	TEMPORARY SIGNS	764.40	SQFT
1220	02585	EDGE KEY	308.00	LF
1225	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	9,236.00	SQYD
1230	02650	MAINTAIN & CONTROL TRAFFIC - WHITLEY	1.00	LS
1235	02671	PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH
1240	02696	SHOULDER RUMBLE STRIPS	107,964.00	LF
1245	02701	TEMP SILT FENCE	15,654.00	LF
1250	02703	SILT TRAP TYPE A	121.00	EACH
1255	02704	SILT TRAP TYPE B	121.00	EACH
1260	02705	SILT TRAP TYPE C	121.00	EACH
1265	02706	CLEAN SILT TRAP TYPE A	121.00	EACH
1270	02707	CLEAN SILT TRAP TYPE B	121.00	EACH
1275	02708	CLEAN SILT TRAP TYPE C	121.00	EACH
1280	02726	STAKING - WHITLEY	1.00	LS
1285	02731	REMOVE STRUCTURE - I-75 N.B. LYNN CAMP CREEK EXISTING STRUCTURE-WHITLEY	1.00	LS
1290	02731	REMOVE STRUCTURE - I-75 S.B. LYNN CAMP CREEK EXISTING STRUCTURE-WHITLEY	1.00	LS
1295	02731	REMOVE STRUCTURE - KY 1259 EXISTING STRUCTURE- WHITLEY	1.00	LS
1300	02731	REMOVE STRUCTURE - KY 312 EXISTING STRUCTURE- WHITLEY	1.00	LS
1305	02775	ARROW PANEL	4.00	EACH
1310	02898	RELOCATE CRASH CUSHION	4.00	EACH
1315	03171	CONC BARRIER WALL TYPE 9T	57,500.00	LF
1320	03225	TUBULAR MARKERS	96.00	EACH
1325	05950	EROSION CONTROL BLANKET	862.00	SQYD
1330	05952	TEMP MULCH	393,060.00	SQYD
1335	05953	TEMP SEEDING AND PROTECTION	293,598.00	SQYD
1340	05963	INITIAL FERTILIZER	18.00	TON
1345	05964	MAINTENANCE FERTILIZER	30.40	TON
1350	05985	SEEDING AND PROTECTION	586,657.00	SQYD
1355	05992	AGRICULTURAL LIMESTONE	363.60	TON
1360	06511	PAVE STRIPING-TEMP PAINT-6 IN	191,358.00	LF
1365	06511	PAVE STRIPING-TEMP PAINT-6 IN	181,414.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1370	06542	PAVE STRIPING-THERMO-6 IN W	86,717.00	LF
1375	06543	PAVE STRIPING-THERMO-6 IN Y	56,470.00	LF
1380	06546	PAVE STRIPING-THERMO-12 IN W	3,864.00	LF
1385	06549	PAVE STRIPING-TEMP REM TAPE-B	113,008.00	LF
1390	06556	PAVE STRIPING-DUR TY 1-6 IN W	4,141.00	LF
1395	06557	PAVE STRIPING-DUR TY 1-6 IN Y	3,144.00	LF
1400	06560	PAVE STRIPING-DUR TY 1-12 IN W	4,172.00	LF
1405	06568	PAVE MARKING-THERMO STOP BAR-24IN	82.00	LF
1410	06574	PAVE MARKING-THERMO CURV ARROW	45.00	EACH
1415	06578	PAVE MARKING-THERMO MERGE ARROW	15.00	EACH
1420	06589	PAVEMENT MARKER TYPE V-MW	85.00	EACH
1425	06610	INLAID PAVEMENT MARKER-MW	95.00	EACH
1430	06611	INLAID PAVEMENT MARKER-MY	84.00	EACH
1435	06613	INLAID PAVEMENT MARKER-B W/R	1,116.00	EACH
1440	06614	INLAID PAVEMENT MARKER-B Y/R	1,415.00	EACH
1445	08301	REMOVE SUPERSTRUCTURE - KY727 EXISTING SUPERSTRUCTURE-WHITLEY	1.00	LS
1450	08902	CRASH CUSHION TY VI CLASS B TL3	13.00	EACH
1455	08909	CRASH CUSHION TY VI CLASS D TL3	2.00	EACH
1460	10020NS	FUEL ADJUSTMENT	664,658.00	DOLL
1465	10030NS	ASPHALT ADJUSTMENT	772,257.00	DOLL
1470	20191ED	OBJECT MARKER TY 3	26.00	EACH
1475	20467NS112	RELOCATE TUBULAR MARKER	48.00	EACH
1480	20550ND	SAWCUT PAVEMENT	48,743.00	LF
1485	22664EN	WATER BLASTING EXISTING STRIPE	2,170.00	LF
1490	23274EN11F	TURF REINFORCEMENT MAT 1	2,026.00	SQYD
1495	23275EN11F	TURF REINFORCEMENT MAT 2	1,330.00	SQYD
1500	23875NC	REMOVE THERMOPLASTIC ARROWS	8.00	EACH
1505	23929EC	LIGHTWEIGHT AGGREGATE FILL	4,931.00	CUYD
1510	24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	21,634.00	LF
1515	24640ED	OBJECT MARKER TYPE 1	2.00	EACH
1520	24679ED	PAVE MARK THERMO CHEVRON	480.00	SQFT
1525	24779EC	INTELLIGENT COMPACTION FOR SOIL	410,000.00	CUYD
1530	24780EC	INTELLIGENT COMPACTION FOR AGGREGATE	149,572.00	TON
1535	24781EC	INTELLIGENT COMPACTION FOR ASPHALT	343,322.00	TON
1540	24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	14,299,329.00	SF
1545	25075EC	QUEUE PROTECTION VEHICLE	1,600.00	hour
1550	25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	12.00	EACH
1555	25079ED	THRIE BEAM GUARDRAIL TRANSITION TL-2	8.00	EACH
1560	25117EC	FURNISH QUEUE PROTECTION VEHICLES	48.00	MONT
1565	26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	24.00	MONT
1570	26137EC	QUEUE WARNING PCMS	144.00	MONT
1575	26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	144.00	MONT
1580	26248EC	ELECTRONIC DELIVERY MGMT SYSTEM - AGG - WHITLEY	1.00	LS
1585	00440	ENTRANCE PIPE-15 IN	216.00	LF
1590	00461	CULVERT PIPE-15 IN	276.00	LF
1595	00462	CULVERT PIPE-18 IN	207.00	LF
1600	00464	CULVERT PIPE-24 IN	128.00	LF
1605	00521	STORM SEWER PIPE-15 IN	1,717.00	LF
1610	00522	STORM SEWER PIPE-18 IN	1,012.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1615	00524	STORM SEWER PIPE-24 IN	18.00	LF
1620	01202	PIPE CULVERT HEADWALL-15 IN	4.00	EACH
1625	01204	PIPE CULVERT HEADWALL-18 IN	11.00	EACH
1630	01208	PIPE CULVERT HEADWALL-24 IN	6.00	EACH
1635	01310	REMOVE PIPE	1,069.00	LF
1640	01450	S & F BOX INLET-OUTLET-18 IN	2.00	EACH
1645	01480	CURB BOX INLET TYPE B	8.00	EACH
1650	01490	DROP BOX INLET TYPE 1	2.00	EACH
1655	01517	DROP BOX INLET TYPE 5F	2.00	EACH
1660	01624	CONC MED BARR BOX INLET TY B2 TL5 56	45.00	EACH
1665	01626	CONC MED BARR BOX INLET TY A2 TL5 56	3.00	EACH
1670	01641	JUNCTION BOX-15 IN	6.00	EACH
1675	01642	JUNCTION BOX-18 IN	3.00	EACH
1680	01643	JUNCTION BOX-24 IN	3.00	EACH
1685	01756	MANHOLE TYPE A	7.00	EACH
1690	01761	MANHOLE TYPE B	1.00	EACH
1695	24861EC	PVC FOLD AND FORM PIPE LINER-15 IN	3,834.00	LF
1700	24862EC	PVC FOLD AND FORM PIPE LINER-18 IN	4,419.00	LF
1705	24863EC	PVC FOLD AND FORM PIPE LINER-24 IN	2,805.00	LF
1710	24864EC	PVC FOLD AND FORM PIPE LINER-30 IN	711.00	LF
1715	24865EC	PVC FOLD AND FORM PIPE LINER-36 IN	299.00	LF
1720	26168EC	PVC FOLD AND FORM PIPE LINER-42 IN	319.00	LF
1725	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN	186.00	LF
1730	02231	STRUCTURE GRANULAR BACKFILL	260.00	CUYD
1735	02403	REMOVE CONCRETE MASONRY	84.50	CUYD
1740	02998	MASONRY COATING	972.00	SQYD
1745	03294	EXPAN JOINT REPLACE 1 1/2 IN	169.80	LF
1750	03299	ARMORED EDGE FOR CONCRETE	255.30	LF
1755	08003	FOUNDATION PREPARATION	1.00	LS
1760	08020	CRUSHED AGGREGATE SLOPE PROT	278.00	TON
1765	08033	TEST PILES	79.00	LF
1770	08046	PILES-STEEL HP12X53	769.00	LF
1775	08094	PILE POINTS-12 IN	24.00	EACH
1780	08100	CONCRETE-CLASS A	319.00	CUYD
1785	08104	CONCRETE-CLASS AA - (REVISED 7-15-25)	282.60	CUYD
1790	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED - (REVISED 7-15-25)	801.00	EACH
1795	08151	STEEL REINFORCEMENT-EPOXY COATED - (REVISED 7-15-25)	185,135.00	LB
1800	08435	JACK & SUPPORT BRIDGE SPAN	1.00	LS
1805	08469	EXPANSION DAM-1.5 IN NEOPRENE	95.00	LF
1810	08510	REM EPOXY BIT FOREIGN OVERLAY	1,570.00	SQYD
1815	08526	CONC CLASS M FULL DEPTH PATCH	6.60	CUYD
1820	08534	CONCRETE OVERLAY-LATEX	292.50	CUYD
1825	08671	PRECAST PC BOX BEAM SB33	901.70	LF
1830	20637ED	DRILLED SHAFT-ROCK 48 IN	52.00	LF
1835	20743ED	DRILLED SHAFT 54 IN-SOLID ROCK	70.00	LF
1840	20745ED	ROCK SOUNDINGS	113.00	LF
1845	20746ED	ROCK CORINGS	132.00	LF
1850	21321NC	CSL TESTING (4 TUBES)	6.00	EACH
1855	21969NN	BEARING REPLACEMENT	20.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1860	22417EN	DRILLED SHAFT-54 IN-COMMON	98.00	LF
1865	23032EN	BRIDGE BARRIER RETROFIT	372.00	LF
1870	23378EC	CONCRETE SEALING	4,715.00	SQFT
1875	24094EC	PARTIAL DEPTH PATCHING	6.60	CUYD
1880	24179EC	MECHANICAL REINF COUPLER #4-EPOXY COATED - (REVISED 7-15-25)	18.00	EACH
1885	24982EC	CONCRETE COATING - WHITLEY	1.00	LS
1890	02231	STRUCTURE GRANULAR BACKFILL	1,295.00	CUYD
1895	02403	REMOVE CONCRETE MASONRY	116.80	CUYD
1900	02998	MASONRY COATING	1,165.00	SQYD
1905	03299	ARMORED EDGE FOR CONCRETE	330.00	LF
1910	08003	FOUNDATION PREPARATION	1.00	LS
1915	08020	CRUSHED AGGREGATE SLOPE PROT	2,687.00	TON
1920	08033	TEST PILES	133.00	LF
1925	08046	PILES-STEEL HP12X53	1,264.00	LF
1930	08094	PILE POINTS-12 IN	32.00	EACH
1935	08100	CONCRETE-CLASS A	609.60	CUYD
1940	08104	CONCRETE-CLASS AA - (REVISED 7-15-25)	1,028.20	CUYD
1945	08141	MECHANICAL REINF COUPLER #6 EPOXY COATED - (REVISED 7-15-25)	1,712.00	EACH
1950	08150	STEEL REINFORCEMENT	14,193.00	LB
1955	08151	STEEL REINFORCEMENT-EPOXY COATED	358,978.00	LB
1960	08672	PRECAST PC BOX BEAM SB42	2,964.40	LF
1965	20637ED	DRILLED SHAFT-ROCK 48 IN	64.00	LF
1970	20743ED	DRILLED SHAFT 54 IN-SOLID ROCK	10.00	LF
1975	20745ED	ROCK SOUNDINGS	138.00	LF
1980	20746ED	ROCK CORINGS	172.00	LF
1985	21321NC	CSL TESTING (4 TUBES)	8.00	EACH
1990	22417EN	DRILLED SHAFT-54 IN-COMMON	132.00	LF
1995	22880ED	BARRIER WALL TRANSITION	70.00	LF
2000	23378EC	CONCRETE SEALING	41,069.00	SQFT
2005	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	890.00	LF
2010	02231	STRUCTURE GRANULAR BACKFILL	93.00	CUYD
2015	03299	ARMORED EDGE FOR CONCRETE	52.30	LF
2020	08003	FOUNDATION PREPARATION	1.00	LS
2025	08020	CRUSHED AGGREGATE SLOPE PROT	769.00	TON
2030	08033	TEST PILES	59.00	LF
2035	08046	PILES-STEEL HP12X53	245.00	LF
2040	08094	PILE POINTS-12 IN	12.00	EACH
2045	08100	CONCRETE-CLASS A	166.20	CUYD
2050	08104	CONCRETE-CLASS AA	328.50	CUYD
2055	08151	STEEL REINFORCEMENT-EPOXY COATED	120,892.00	LB
2060	08671	PRECAST PC BOX BEAM SB33	1,154.00	LF
2065	20637ED	DRILLED SHAFT-ROCK 48 IN	48.00	LF
2070	20743ED	DRILLED SHAFT 54 IN-SOLID ROCK	9.00	LF
2075	20745ED	ROCK SOUNDINGS	142.00	LF
2080	20746ED	ROCK CORINGS	129.00	LF
2085	21321NC	CSL TESTING (4 TUBES)	6.00	EACH
2090	22417EN	DRILLED SHAFT-54 IN-COMMON	118.00	LF
2095	23378EC	CONCRETE SEALING	20,787.00	SQFT
2100	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	586.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
2105	02231	STRUCTURE GRANULAR BACKFILL	137.00	CUYD
2110	03299	ARMORED EDGE FOR CONCRETE	89.50	LF
2115	08002	STRUCTURE EXCAV-SOLID ROCK	88.00	CUYD
2120	08003	FOUNDATION PREPARATION	1.00	LS
2125	08020	CRUSHED AGGREGATE SLOPE PROT	505.00	TON
2130	08100	CONCRETE-CLASS A	316.00	CUYD
2135	08104	CONCRETE-CLASS AA	489.00	CUYD
2140	08134	MECHANICAL REINF COUPLER #9 - (REVISED 7-15-25)	14.00	EACH
2145	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED - (REVISED 7-15-25)	30.00	EACH
2150	08150	STEEL REINFORCEMENT	6,387.00	LB
2155	08151	STEEL REINFORCEMENT-EPOXY COATED	199,125.00	LB
2160	08671	PRECAST PC BOX BEAM SB33	1,641.00	LF
2165	20637ED	DRILLED SHAFT-ROCK 48 IN	10.00	LF
2170	20745ED	ROCK SOUNDINGS	144.00	LF
2175	20746ED	ROCK CORINGS	285.00	LF
2180	21321NC	CSL TESTING (4 TUBES)	15.00	EACH
2185	23378EC	CONCRETE SEALING	27,464.00	SQFT
2190	23583EC	DRILLED SHAFT-48 IN-COMMON	115.00	LF
2195	23584EC	DRILLED SHAFT-42 IN-ROCK	105.00	LF
2200	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	555.00	LF
2205	02403	REMOVE CONCRETE MASONRY	80.00	CUYD
2210	02603	FABRIC-GEOTEXTILE CLASS 2	1,454.00	SQYD
2215	02604	FABRIC-GEOTEXTILE CLASS 1A	8,359.00	SQYD
2220	02998	MASONRY COATING	2,199.00	SQYD
2225	03299	ARMORED EDGE FOR CONCRETE	256.00	LF
2230	08001	STRUCTURE EXCAVATION-COMMON	2,525.00	CUYD
2235	08002	STRUCTURE EXCAV-SOLID ROCK	1,495.00	CUYD
2240	08003	FOUNDATION PREPARATION	1.00	LS
2245	08019	CYCLOPEAN STONE RIP RAP	419.00	TON
2250	08020	CRUSHED AGGREGATE SLOPE PROT	930.00	TON
2255	08033	TEST PILES	106.00	LF
2260	08051	PILES-STEEL HP14X89	1,391.00	LF
2265	08095	PILE POINTS-14 IN	34.00	EACH
2270	08100	CONCRETE-CLASS A	1,629.00	CUYD
2275	08104	CONCRETE-CLASS AA	1,229.00	CUYD
2280	08107	CONCRETE-CLASS M 2	30.00	CUYD
2285	08130	MECHANICAL REINF COUPLER #5	44.00	EACH
2290	08131	MECHANICAL REINF COUPLER #6	22.00	EACH
2295	08132	MECHANICAL REINF COUPLER #7	32.00	EACH
2300	08134	MECHANICAL REINF COUPLER #9	40.00	EACH
2305	08135	MECHANICAL REINF COUPLER #10	48.00	EACH
2310	08136	MECHANICAL REINF COUPLER #11	80.00	EACH
2315	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED	1,389.00	EACH
2320	08141	MECHANICAL REINF COUPLER #6 EPOXY COATED	1,303.00	EACH
2325	08150	STEEL REINFORCEMENT	225,614.00	LB
2330	08151	STEEL REINFORCEMENT-EPOXY COATED	498,471.00	LB
2335	08160	STRUCTURAL STEEL - 1,591,494 LBS	1.00	LS
2340	08170	SHEAR CONNECTORS - 8,820	1.00	LS
2345	08500	APPROACH SLAB	185.00	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
2350	20214ED	CLEARING BRIDGE SITE	1.00	LS
2355	20745ED	ROCK SOUNDINGS	37.00	LF
2360	20746ED	ROCK CORINGS	196.80	LF
2365	22146EN	CONCRETE PATCHING REPAIR	80.00	SQFT
2370	23378EC	CONCRETE SEALING	34,572.00	SQFT
2375	23744EC	EPOXY INJECTION CRACK REPAIR	40.00	LF
2380	23859EC	FINGER EXPANSION JOINT	64.00	LF
2385	24405EC	MECHANICAL REINF COUPLER #8-EPOXY COATED	45.00	EACH
2390	24596EN	GRANULAR BACKFILL	2,190.00	CUYD
2395	24621EC	DRILLED SHAFT - 108 IN (COMMON)	29.00	LF
2400	24623EC	DRILLED SHAFT - 102 IN (SOLID ROCK)	94.80	LF
2405	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	1,195.00	LF
2410	02403	REMOVE CONCRETE MASONRY	80.00	CUYD
2415	02603	FABRIC-GEOTEXTILE CLASS 2	1,494.00	SQYD
2420	02604	FABRIC-GEOTEXTILE CLASS 1A	8,726.00	SQYD
2425	02998	MASONRY COATING	2,339.00	SQYD
2430	03299	ARMORED EDGE FOR CONCRETE	256.00	LF
2435	08001	STRUCTURE EXCAVATION-COMMON	2,581.00	CUYD
2440	08002	STRUCTURE EXCAV-SOLID ROCK	1,674.00	CUYD
2445	08003	FOUNDATION PREPARATION	1.00	LS
2450	08019	CYCLOPEAN STONE RIP RAP	965.00	TON
2455	08020	CRUSHED AGGREGATE SLOPE PROT	666.00	TON
2460	08033	TEST PILES	83.00	LF
2465	08051	PILES-STEEL HP14X89	967.00	LF
2470	08095	PILE POINTS-14 IN	34.00	EACH
2475	08100	CONCRETE-CLASS A	1,568.00	CUYD
2480	08104	CONCRETE-CLASS AA	1,392.00	CUYD
2485	08107	CONCRETE-CLASS M 2	30.00	CUYD
2490	08136	MECHANICAL REINF COUPLER #11	80.00	EACH
2495	08150	STEEL REINFORCEMENT	204,772.00	LB
2500	08151	STEEL REINFORCEMENT-EPOXY COATED	557,100.00	LB
2505	08160	STRUCTURAL STEEL - 2,124,938 LBS	1.00	LS
2510	08170	SHEAR CONNECTORS - 10,080	1.00	LS
2515	08500	APPROACH SLAB	185.00	SQYD
2520	20214ED	CLEARING BRIDGE SITE	1.00	LS
2525	20745ED	ROCK SOUNDINGS	64.00	LF
2530	20746ED	ROCK CORINGS	202.00	LF
2535	22146EN	CONCRETE PATCHING REPAIR	80.00	SQFT
2540	23378EC	CONCRETE SEALING	39,232.00	SQFT
2545	23744EC	EPOXY INJECTION CRACK REPAIR	40.00	LF
2550	23859EC	FINGER EXPANSION JOINT	64.00	LF
2555	24596EN	GRANULAR BACKFILL	2,390.00	CUYD
2560	24621EC	DRILLED SHAFT - 108 IN (COMMON)	56.00	LF
2565	24623EC	DRILLED SHAFT - 102 IN (SOLID ROCK)	100.00	LF
2570	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	1,336.00	LF
2575	02403	REMOVE CONCRETE MASONRY	17.00	CUYD
2580	08003	FOUNDATION PREPARATION	1.00	LS
2585	08100	CONCRETE-CLASS A	28.70	CUYD
2590	08150	STEEL REINFORCEMENT	2,480.00	LB
2595	04903	REFERENCE MARKER	32.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
2600	06400	GMSS GALV STEEL TYPE A	9,383.00	LB
2605	06405	SBM ALUMINUM PANEL SIGNS	4,518.30	SQFT
2610	06406	SBM ALUM SHEET SIGNS .080 IN	52.00	SQFT
2615	06407	SBM ALUM SHEET SIGNS .125 IN	648.00	SQFT
2620	06410	STEEL POST TYPE 1	1,330.00	LF
2625	06412	STEEL POST MILE MARKERS	10.00	EACH
2630	06441	GMSS GALV STEEL TYPE C	7,183.00	LB
2635	06477	OSS GALV STEEL 70 FT TRUSS	2.00	EACH
2640	06480	OSS GALV STEEL 85 FT TRUSS	3.00	EACH
2645	06490	CLASS A CONCRETE FOR SIGNS	260.84	CUYD
2650	06491	STEEL REINFORCEMENT FOR SIGNS	21,736.00	LB
2655	20419ND	ROADWAY CROSS SECTION	27.00	EACH
2660	20912ND	BARRIER WALL POST	16.00	EACH
2665	21596ND	GMSS TYPE D	12.00	EACH
2670	24631EC	BARCODE SIGN INVENTORY	73.00	EACH
2675	02568	MOBILIZATION	1.00	LS
2680	02569	DEMOBILIZATION	1.00	LS
2685	23148EN	END ANCHORS - (ADDED 7-15-25)	1.00	EACH
2690	20411ED	LAW ENFORCEMENT OFFICER - (ADDED 7-15-25)	1,700.00	HOURL
2700	26223ED	PRESSURE TEST OF SOIL GROUTING - (ADDED 7-15-25)	1.00	EACH
2705	26223ED	PRESSURE TEST OF SOIL GROUTING - (ADDED 7-15-25)	1.00	EACH
2710	26223ED	PRESSURE TEST OF SOIL GROUTING - (ADDED 7-15-25)	1.00	EACH
2715	26223ED	PRESSURE TEST OF SOIL GROUTING - (ADDED 7-15-25)	1.00	EACH

PROPOSAL BID ITEMS

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	185,197.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	174,500.00	SQYD		\$	
0030	00018		DRAINAGE BLANKET-TYPE II-ASPH	128,683.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	828.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	100.10	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	36,704.00	TON		\$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	1,076.00	TON		\$	
0080	00214		CL3 ASPH BASE 1.00D PG64-22	52,180.00	TON		\$	
0090	00217		CL4 ASPH BASE 1.00D PG64-22	24,527.00	TON		\$	
0100	00219		CL4 ASPH BASE 1.00D PG76-22	47,500.00	TON		\$	
0110	00301		CL2 ASPH SURF 0.38D PG64-22	345.00	TON		\$	
0120	00339		CL3 ASPH SURF 0.38D PG64-22	19,057.00	TON		\$	
0130	00342		CL4 ASPH SURF 0.38A PG76-22	23,597.00	TON		\$	
0140	00358		ASPHALT CURING SEAL	217.00	TON		\$	
0150	02542		CEMENT	3,801.00	TON		\$	
0160	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0170	02676		MOBILIZATION FOR MILL & TEXT WHITLEY	1.00	LS		\$	
0180	02677		ASPHALT PAVE MILLING & TEXTURING	14,648.00	TON		\$	
0190	02702		SAND FOR BLOTTER	677.00	TON		\$	
0200	24904EC		CL3 ASPH BASE CK PG64-22	29,551.00	TON		\$	
0210	24905EC		CL4 ASPH BASE CK PG64-22	32,608.00	TON		\$	
0220	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING	625.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0230	00078		CRUSHED AGGREGATE SIZE NO 2	164.00	TON		\$	
0240	01000		PERFORATED PIPE-4 IN	58,647.00	LF		\$	
0250	01001		PERFORATED PIPE-6 IN	25,364.00	LF		\$	
0260	01010		NON-PERFORATED PIPE-4 IN	2,004.00	LF		\$	
0270	01011		NON-PERFORATED PIPE-6 IN	744.00	LF		\$	
0280	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM LAUREL	1.00	LS		\$	
0290	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM WHITLEY	1.00	LS		\$	
0300	01020		PERF PIPE HEADWALL TY 1-4 IN	91.00	EACH		\$	
0310	01028		PERF PIPE HEADWALL TY 3-4 IN	26.00	EACH		\$	
0320	01032		PERF PIPE HEADWALL TY 4-4 IN	44.00	EACH		\$	
0330	01033		PERF PIPE HEADWALL TY 4-6 IN	3.00	EACH		\$	
0340	01740		CORED HOLE DRAINAGE BOX CON-4 IN	2.00	EACH		\$	
0350	01741		CORED HOLE DRAINAGE BOX CON-6 IN	59.00	EACH		\$	
0360	01978		CONC MEDIAN BARRIER TYPE A TL5 56 IN	26,279.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	482.00	EACH		\$	
0380	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	16.00	EACH		\$	
0390	01984		DELINEATOR FOR BARRIER - WHITE	764.00	EACH		\$	
0400	01985		DELINEATOR FOR BARRIER - YELLOW	855.00	EACH		\$	
0410	01986		DELINEATOR FOR BARRIER WALL-B/Y	306.00	EACH		\$	
0420	02002		REMOVE TEMP CONC BARRIER WALL	575.00	LF		\$	
0430	02003		RELOCATE TEMP CONC BARRIER	44,690.00	LF		\$	
0440	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0450	02159		TEMP DITCH	18,481.00	LF		\$	
0460	02160		CLEAN TEMP DITCH	9,240.00	LF		\$	
0470	02200		ROADWAY EXCAVATION	879,672.00	CUYD		\$	
0480	02242		WATER	8,902.00	MGAL		\$	
0490	02262		FENCE-WOVEN WIRE TYPE 1	1,921.00	LF		\$	
0500	02265		REMOVE FENCE	1,830.00	LF		\$	
0510	02268		REMOVE & REPLACE FENCE	58,417.00	LF		\$	
0520	02351		GUARDRAIL-STEEL W BEAM-S FACE	37,525.00	LF		\$	
0530	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0540	02367		GUARDRAIL END TREATMENT TYPE 1	31.00	EACH		\$	
0550	02369		GUARDRAIL END TREATMENT TYPE 2A	31.00	EACH		\$	
0560	02381		REMOVE GUARDRAIL	33,109.00	LF		\$	
0570	02429		RIGHT-OF-WAY MONUMENT TYPE 1	15.00	EACH		\$	
0580	02432		WITNESS POST	15.00	EACH		\$	
0590	02484		CHANNEL LINING CLASS III	553.00	TON		\$	
0600	02545		CLEARING AND GRUBBING 123.55 ACRES- WHITLEY	1.00	LS		\$	
0610	02545		CLEARING AND GRUBBING 30.89 ACRES- LAUREL	1.00	LS		\$	
0620	02555		CONCRETE-CLASS B	25.10	CUYD		\$	
0630	02562		TEMPORARY SIGNS	1,012.40	SQFT		\$	
0640	02585		EDGE KEY	593.00	LF		\$	
0650	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	11,036.00	SQYD	\$2.00	\$	\$22,072.00
0660	02650		MAINTAIN & CONTROL TRAFFIC LAUREL	1.00	LS		\$	
0670	02650		MAINTAIN & CONTROL TRAFFIC WHITLEY	1.00	LS		\$	
0680	02671		PORTABLE CHANGEABLE MESSAGE SIGN	10.00	EACH		\$	
0690	02696		SHOULDER RUMBLE STRIPS	133,151.00	LF		\$	
0700	02701		TEMP SILT FENCE	18,481.00	LF		\$	
0710	02703		SILT TRAP TYPE A	154.00	EACH		\$	
0720	02704		SILT TRAP TYPE B	154.00	EACH		\$	
0730	02705		SILT TRAP TYPE C	154.00	EACH		\$	
0740	02706		CLEAN SILT TRAP TYPE A	154.00	EACH		\$	
0750	02707		CLEAN SILT TRAP TYPE B	154.00	EACH		\$	
0760	02708		CLEAN SILT TRAP TYPE C	154.00	EACH		\$	
0770	02726		STAKING LAUREL	1.00	LS		\$	
0780	02726		STAKING WHITLEY	1.00	LS		\$	

LAUREL - WHITLEY COUNTIES
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251016

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0790	02731		REMOVE STRUCTURE I-75 N.B. LYNN CAMP CREEK EXISTING STRUCTURE-WHITLEY	1.00	LS		\$	
0800	02731		REMOVE STRUCTURE I-75 S.B. LYNN CAMP CREEK EXISTING STRUCTURE-WHITLEY	1.00	LS		\$	
0810	02731		REMOVE STRUCTURE KY 1259 EXISTING STRUCTURE- WHITLEY	1.00	LS		\$	
0820	02731		REMOVE STRUCTURE KY 312 EXISTING STRUCTURE-WHITLEY	1.00	LS		\$	
0830	02731		REMOVE STRUCTURE US 25E EXISTING STRUCTURE- LAUREL	1.00	LS		\$	
0840	02775		ARROW PANEL	8.00	EACH		\$	
0850	02898		RELOCATE CRASH CUSHION	7.00	EACH		\$	
0860	03171		CONC BARRIER WALL TYPE 9T	70,055.00	LF		\$	
0870	03225		TUBULAR MARKERS	96.00	EACH		\$	
0880	05950		EROSION CONTROL BLANKET	1,183.00	SQYD		\$	
0890	05952		TEMP MULCH	500,818.00	SQYD		\$	
0900	05953		TEMP SEEDING AND PROTECTION	373,745.00	SQYD		\$	
0910	05963		INITIAL FERTILIZER	23.00	TON		\$	
0920	05964		MAINTENANCE FERTILIZER	38.70	TON		\$	
0930	05985		SEEDING AND PROTECTION	747,490.00	SQYD		\$	
0940	05992		AGRICULTURAL LIMESTONE	463.30	TON		\$	
0950	06511		PAVE STRIPING-TEMP PAINT-6 IN	454,600.00	LF		\$	
0960	06542		PAVE STRIPING-THERMO-6 IN W	109,551.00	LF		\$	
0970	06543		PAVE STRIPING-THERMO-6 IN Y	70,939.00	LF		\$	
0980	06546		PAVE STRIPING-THERMO-12 IN W	5,648.00	LF		\$	
0990	06549		PAVE STRIPING-TEMP REM TAPE-B	137,815.00	LF		\$	
1000	06556		PAVE STRIPING-DUR TY 1-6 IN W	4,750.00	LF		\$	
1010	06557		PAVE STRIPING-DUR TY 1-6 IN Y	3,550.00	LF		\$	
1020	06560		PAVE STRIPING-DUR TY 1-12 IN W	4,172.00	LF		\$	
1030	06568		PAVE MARKING-THERMO STOP BAR-24IN	190.00	LF		\$	
1040	06569		PAVE MARKING-THERMO CROSS-HATCH	319.00	SQFT		\$	
1050	06574		PAVE MARKING-THERMO CURV ARROW	78.00	EACH		\$	
1060	06578		PAVE MARKING-THERMO MERGE ARROW	21.00	EACH		\$	
1070	06589		PAVEMENT MARKER TYPE V-MW	104.00	EACH		\$	
1080	06610		INLAID PAVEMENT MARKER-MW	147.00	EACH		\$	
1090	06611		INLAID PAVEMENT MARKER-MY	110.00	EACH		\$	
1100	06613		INLAID PAVEMENT MARKER-B W/R	1,403.00	EACH		\$	
1110	06614		INLAID PAVEMENT MARKER-B Y/R	1,720.00	EACH		\$	
1120	08301		REMOVE SUPERSTRUCTURE KY727 EXISTING SUPERSTRUCTURE- WHITLEY	1.00	LS		\$	
1130	08902		CRASH CUSHION TY VI CLASS B TL3	16.00	EACH		\$	
1140	08909		CRASH CUSHION TY VI CLASS D TL3	3.00	EACH		\$	
1150	10020NS		FUEL ADJUSTMENT	834,888.00	DOLL	\$1.00	\$	\$834,888.00
1160	10030NS		ASPHALT ADJUSTMENT	1,044,430.00	DOLL	\$1.00	\$	\$1,044,430.00
1170	20191ED		OBJECT MARKER TY 3	31.00	EACH		\$	
1175	20411ED		LAW ENFORCEMENT OFFICER (ADDED 7-15-25)	2,500.00	HOURL		\$	
1180	20467NS112		RELOCATE TUBULAR MARKER	48.00	EACH		\$	
1190	20550ND		SAWCUT PAVEMENT	59,443.00	LF		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1200	22664EN		WATER BLASTING EXISTING STRIPE	3,341.00	LF		\$	
1205	23148EN		END ANCHORS (ADDED 7-15-25)	1.00	EACH		\$	
1210	23274EN11F		TURF REINFORCEMENT MAT 1	3,689.00	SQYD		\$	
1220	23275EN11F		TURF REINFORCEMENT MAT 2	1,330.00	SQYD		\$	
1230	23875NC		REMOVE THERMOPLASTIC ARROWS	14.00	EACH		\$	
1240	23929EC		LIGHTWEIGHT AGGREGATE FILL	6,187.00	CUYD		\$	
1250	24255EC		REMOVE CABLE GUARDRAIL BARRIER SYSTEM	24,661.00	LF		\$	
1260	24640ED		OBJECT MARKER TYPE 1	3.00	EACH		\$	
1270	24679ED		PAVE MARK THERMO CHEVRON	833.00	SQFT		\$	
1280	24779EC		INTELLIGENT COMPACTION FOR SOIL	500,000.00	CUYD		\$	
1290	24780EC		INTELLIGENT COMPACTION FOR AGGREGATE	184,919.00	TON		\$	
1300	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	420,315.00	TON		\$	
1310	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	17,521,974.00	SF		\$	
1320	25075EC		QUEUE PROTECTION VEHICLE	2,000.00	HOURL		\$	
1330	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	18.00	EACH		\$	
1340	25079ED		THRIE BEAM GUARDRAIL TRANSITION TL-2	10.00	EACH		\$	
1350	25117EC		FURNISH QUEUE PROTECTION VEHICLES	60.00	MONT		\$	
1360	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	30.00	MONT		\$	
1370	26137EC		QUEUE WARNING PCMS	180.00	MONT		\$	
1380	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	180.00	MONT		\$	
1390	26248EC		ELECTRONIC DELIVERY MGMT SYSTEM - AGG LAUREL	1.00	LS		\$	
1400	26248EC		ELECTRONIC DELIVERY MGMT SYSTEM - AGG WHITLEY	1.00	LS		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1410	00440		ENTRANCE PIPE-15 IN	216.00	LF		\$	
1420	00461		CULVERT PIPE-15 IN	375.00	LF		\$	
1430	00462		CULVERT PIPE-18 IN	278.00	LF		\$	
1440	00464		CULVERT PIPE-24 IN	169.00	LF		\$	
1450	00469		CULVERT PIPE-42 IN	11.00	LF		\$	
1460	00521		STORM SEWER PIPE-15 IN	2,069.00	LF		\$	
1470	00522		STORM SEWER PIPE-18 IN	1,073.00	LF		\$	
1480	00524		STORM SEWER PIPE-24 IN	18.00	LF		\$	
1490	01202		PIPE CULVERT HEADWALL-15 IN	5.00	EACH		\$	
1500	01202		PIPE CULVERT HEADWALL-15 IN	4.00	EACH		\$	
1510	01204		PIPE CULVERT HEADWALL-18 IN	3.00	EACH		\$	
1520	01204		PIPE CULVERT HEADWALL-18 IN	11.00	EACH		\$	
1530	01208		PIPE CULVERT HEADWALL-24 IN	2.00	EACH		\$	
1540	01208		PIPE CULVERT HEADWALL-24 IN	6.00	EACH		\$	
1550	01214		PIPE CULVERT HEADWALL-42 IN	1.00	EACH		\$	
1560	01310		REMOVE PIPE	1,728.00	LF		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1570	01450		S & F BOX INLET-OUTLET-18 IN	2.00	EACH		\$	
1580	01480		CURB BOX INLET TYPE B	14.00	EACH		\$	
1590	01490		DROP BOX INLET TYPE 1	2.00	EACH		\$	
1600	01505		DROP BOX INLET TYPE 5B	1.00	EACH		\$	
1610	01517		DROP BOX INLET TYPE 5F	2.00	EACH		\$	
1620	01624		CONC MED BARR BOX INLET TY B2 TL5 56	53.00	EACH		\$	
1630	01626		CONC MED BARR BOX INLET TY A2 TL5 56	3.00	EACH		\$	
1640	01641		JUNCTION BOX-15 IN	8.00	EACH		\$	
1650	01642		JUNCTION BOX-18 IN	4.00	EACH		\$	
1660	01643		JUNCTION BOX-24 IN	3.00	EACH		\$	
1670	01756		MANHOLE TYPE A	7.00	EACH		\$	
1680	01761		MANHOLE TYPE B	1.00	EACH		\$	
1690	24861EC		PVC FOLD AND FORM PIPE LINER-15 IN	4,776.00	LF		\$	
1700	24862EC		PVC FOLD AND FORM PIPE LINER-18 IN	4,603.00	LF		\$	
1710	24863EC		PVC FOLD AND FORM PIPE LINER-24 IN	3,370.00	LF		\$	
1720	24864EC		PVC FOLD AND FORM PIPE LINER-30 IN	1,020.00	LF		\$	
1730	24865EC		PVC FOLD AND FORM PIPE LINER-36 IN	299.00	LF		\$	
1740	26168EC		PVC FOLD AND FORM PIPE LINER-42 IN	494.00	LF		\$	

Section: 0004 - BRIDGE- I-75 OVER US 25E

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1750	01978		CONC MEDIAN BARRIER TYPE A TL5 56 IN	204.00	LF		\$	
1760	02231		STRUCTURE GRANULAR BACKFILL	366.00	CUYD		\$	
1770	03299		ARMORED EDGE FOR CONCRETE	251.20	LF		\$	
1780	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1790	08020		CRUSHED AGGREGATE SLOPE PROT	648.00	TON		\$	
1800	08033		TEST PILES	55.00	LF		\$	
1810	08046		PILES-STEEL HP12X53	840.00	LF		\$	
1820	08094		PILE POINTS-12 IN	40.00	EACH		\$	
1830	08100		CONCRETE-CLASS A	813.60	CUYD		\$	
1840	08104		CONCRETE-CLASS AA	845.20	CUYD		\$	
1850	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED (REVISED 7-15-25)	1,686.00	EACH		\$	
1860	08151		STEEL REINFORCEMENT-EPOXY COATED	424,236.00	LB		\$	
1870	08669		PRECAST PC BOX BEAM SB21	3,176.00	LF		\$	
1880	20637ED		DRILLED SHAFT-ROCK 48 IN	243.00	LF		\$	
1890	20743ED		DRILLED SHAFT 54 IN-SOLID ROCK	168.00	LF		\$	
1900	20745ED		ROCK SOUNDINGS	264.80	LF		\$	
1910	20746ED		ROCK CORINGS	609.00	LF		\$	
1920	21321NC		CSL TESTING (4 TUBES)	27.00	EACH		\$	
1930	22417EN		DRILLED SHAFT-54 IN-COMMON	120.00	LF		\$	
1940	23378EC		CONCRETE SEALING	50,662.00	SQFT		\$	
1950	24405EC		MECHANICAL REINF COUPLER #8-EPOXY COATED (REVISED 7-15-25)	34.00	EACH		\$	
1960	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	407.00	LF		\$	
1976	26223ED		PRESSURE TEST OF SOIL GROUTING (ADDED 7-15-25)	1.00	EACH		\$	

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Section: 0005 - BRIDGE- I-75 OVER US 25W

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1970	01978		CONC MEDIAN BARRIER TYPE A TL5 56 IN	186.00	LF		\$	
1980	02231		STRUCTURE GRANULAR BACKFILL	260.00	CUYD		\$	
1990	02403		REMOVE CONCRETE MASONRY	84.50	CUYD		\$	
2000	02998		MASONRY COATING	972.00	SQYD		\$	
2010	03294		EXPAN JOINT REPLACE 1 1/2 IN	169.80	LF		\$	
2020	03299		ARMORED EDGE FOR CONCRETE	255.30	LF		\$	
2030	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2040	08020		CRUSHED AGGREGATE SLOPE PROT	278.00	TON		\$	
2050	08033		TEST PILES	79.00	LF		\$	
2060	08046		PILES-STEEL HP12X53	769.00	LF		\$	
2070	08094		PILE POINTS-12 IN	24.00	EACH		\$	
2080	08100		CONCRETE-CLASS A	319.00	CUYD		\$	
2090	08104		CONCRETE-CLASS AA (REVISED 7-15-25)	282.60	CUYD		\$	
2100	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED (REVISED 7-15-25)	801.00	EACH		\$	
2110	08151		STEEL REINFORCEMENT-EPOXY COATED (REVISED 7-15-25)	185,135.00	LB		\$	
2120	08435		JACK & SUPPORT BRIDGE SPAN	1.00	LS		\$	
2130	08469		EXPANSION DAM-1.5 IN NEOPRENE	95.00	LF		\$	
2140	08510		REM EPOXY BIT FOREIGN OVERLAY	1,570.00	SQYD		\$	
2150	08526		CONC CLASS M FULL DEPTH PATCH	6.60	CUYD		\$	
2160	08534		CONCRETE OVERLAY-LATEX	292.50	CUYD		\$	
2170	08671		PRECAST PC BOX BEAM SB33	901.70	LF		\$	
2180	20637ED		DRILLED SHAFT-ROCK 48 IN	52.00	LF		\$	
2190	20743ED		DRILLED SHAFT 54 IN-SOLID ROCK	70.00	LF		\$	
2200	20745ED		ROCK SOUNDINGS	113.00	LF		\$	
2210	20746ED		ROCK CORINGS	132.00	LF		\$	
2220	21321NC		CSL TESTING (4 TUBES)	6.00	EACH		\$	
2230	21969NN		BEARING REPLACEMENT	20.00	EACH		\$	
2240	22417EN		DRILLED SHAFT-54 IN-COMMON	98.00	LF		\$	
2250	23032EN		BRIDGE BARRIER RETROFIT	372.00	LF		\$	
2260	23378EC		CONCRETE SEALING	4,715.00	SQFT		\$	
2270	24094EC		PARTIAL DEPTH PATCHING	6.60	CUYD		\$	
2280	24179EC		MECHANICAL REINF COUPLER #4-EPOXY COATED (REVISED 7-15-25)	18.00	EACH		\$	
2290	24982EC		CONCRETE COATING WHITLEY	1.00	LS		\$	
2295	26223ED		PRESSURE TEST OF SOIL GROUTING (ADDED 7-15-25)	1.00	EACH		\$	

Section: 0006 - BRIDGE- 5'X4' BOX CULVERT EXTENSION

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

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2300	02403		REMOVE CONCRETE MASONRY	12.50	CUYD		\$	
2310	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		\$	
2320	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2330	08100		CONCRETE-CLASS A	31.00	CUYD		\$	
2340	08150		STEEL REINFORCEMENT	3,307.00	LB		\$	

Section: 0007 - BRIDGE- I-75 OVER KY 727

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2350	02231		STRUCTURE GRANULAR BACKFILL	1,295.00	CUYD		\$	
2360	02403		REMOVE CONCRETE MASONRY	116.80	CUYD		\$	
2370	02998		MASONRY COATING	1,165.00	SQYD		\$	
2380	03299		ARMORED EDGE FOR CONCRETE	330.00	LF		\$	
2390	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2400	08020		CRUSHED AGGREGATE SLOPE PROT	2,687.00	TON		\$	
2410	08033		TEST PILES	133.00	LF		\$	
2420	08046		PILES-STEEL HP12X53	1,264.00	LF		\$	
2430	08094		PILE POINTS-12 IN	32.00	EACH		\$	
2440	08100		CONCRETE-CLASS A	609.60	CUYD		\$	
2450	08104		CONCRETE-CLASS AA (REVISED 7-15-25)	1,028.20	CUYD		\$	
2460	08141		MECHANICAL REINF COUPLER #6 EPOXY COATED (REVISED 7-15-25)	1,712.00	EACH		\$	
2470	08150		STEEL REINFORCEMENT	14,193.00	LB		\$	
2480	08151		STEEL REINFORCEMENT-EPOXY COATED	358,978.00	LB		\$	
2490	08672		PRECAST PC BOX BEAM SB42	2,964.40	LF		\$	
2500	20637ED		DRILLED SHAFT-ROCK 48 IN	64.00	LF		\$	
2510	20743ED		DRILLED SHAFT 54 IN-SOLID ROCK	10.00	LF		\$	
2520	20745ED		ROCK SOUNDINGS	138.00	LF		\$	
2530	20746ED		ROCK CORINGS	172.00	LF		\$	
2540	21321NC		CSL TESTING (4 TUBES)	8.00	EACH		\$	
2550	22417EN		DRILLED SHAFT-54 IN-COMMON	132.00	LF		\$	
2560	22880ED		BARRIER WALL TRANSITION	70.00	LF		\$	
2570	23378EC		CONCRETE SEALING	41,069.00	SQFT		\$	
2580	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	890.00	LF		\$	
2585	26223ED		PRESSURE TEST OF SOIL GROUTING (ADDED 7-15-25)	1.00	EACH		\$	

Section: 0008 - BRIDGE- KY 1259 OVER I-75

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2590	02231		STRUCTURE GRANULAR BACKFILL	93.00	CUYD		\$	
2600	03299		ARMORED EDGE FOR CONCRETE	52.30	LF		\$	
2610	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2620	08020		CRUSHED AGGREGATE SLOPE PROT	769.00	TON		\$	
2630	08033		TEST PILES	59.00	LF		\$	
2640	08046		PILES-STEEL HP12X53	245.00	LF		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2650	08094		PILE POINTS-12 IN	12.00	EACH		\$	
2660	08100		CONCRETE-CLASS A	166.20	CUYD		\$	
2670	08104		CONCRETE-CLASS AA	328.50	CUYD		\$	
2680	08151		STEEL REINFORCEMENT-EPOXY COATED	120,892.00	LB		\$	
2690	08671		PRECAST PC BOX BEAM SB33	1,154.00	LF		\$	
2700	20637ED		DRILLED SHAFT-ROCK 48 IN	48.00	LF		\$	
2710	20743ED		DRILLED SHAFT 54 IN-SOLID ROCK	9.00	LF		\$	
2720	20745ED		ROCK SOUNDINGS	142.00	LF		\$	
2730	20746ED		ROCK CORINGS	129.00	LF		\$	
2740	21321NC		CSL TESTING (4 TUBES)	6.00	EACH		\$	
2750	22417EN		DRILLED SHAFT-54 IN-COMMON	118.00	LF		\$	
2760	23378EC		CONCRETE SEALING	20,787.00	SQFT		\$	
2770	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	586.00	LF		\$	
2775	26223ED		PRESSURE TEST OF SOIL GROUTING (ADDED 7-15-25)	1.00	EACH		\$	

Section: 0009 - BRIDGE- KY 312 OVER I-75

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2780	02231		STRUCTURE GRANULAR BACKFILL	137.00	CUYD		\$	
2790	03299		ARMORED EDGE FOR CONCRETE	89.50	LF		\$	
2800	08002		STRUCTURE EXCAV-SOLID ROCK	88.00	CUYD		\$	
2810	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2820	08020		CRUSHED AGGREGATE SLOPE PROT	505.00	TON		\$	
2830	08100		CONCRETE-CLASS A	316.00	CUYD		\$	
2840	08104		CONCRETE-CLASS AA	489.00	CUYD		\$	
2850	08134		MECHANICAL REINF COUPLER #9 (REVISED 7-15-25)	14.00	EACH		\$	
2860	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED (REVISED 7-15-25)	30.00	EACH		\$	
2870	08150		STEEL REINFORCEMENT	6,387.00	LB		\$	
2880	08151		STEEL REINFORCEMENT-EPOXY COATED	199,125.00	LB		\$	
2890	08671		PRECAST PC BOX BEAM SB33	1,641.00	LF		\$	
2900	20637ED		DRILLED SHAFT-ROCK 48 IN	10.00	LF		\$	
2910	20745ED		ROCK SOUNDINGS	144.00	LF		\$	
2920	20746ED		ROCK CORINGS	285.00	LF		\$	
2930	21321NC		CSL TESTING (4 TUBES)	15.00	EACH		\$	
2940	23378EC		CONCRETE SEALING	27,464.00	SQFT		\$	
2950	23583EC		DRILLED SHAFT-48 IN-COMMON	115.00	LF		\$	
2960	23584EC		DRILLED SHAFT-42 IN-ROCK	105.00	LF		\$	
2970	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	555.00	LF		\$	
2975	26223ED		PRESSURE TEST OF SOIL GROUTING (ADDED 7-15-25)	1.00	EACH		\$	

Section: 0010 - BRIDGE- NB I-75 OVER LYNN CAMP CREEK

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

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2980	02403		REMOVE CONCRETE MASONRY	80.00	CUYD		\$	
2990	02603		FABRIC-GEOTEXTILE CLASS 2	1,454.00	SQYD		\$	
3000	02604		FABRIC-GEOTEXTILE CLASS 1A	8,359.00	SQYD		\$	
3010	02998		MASONRY COATING	2,199.00	SQYD		\$	
3020	03299		ARMORED EDGE FOR CONCRETE	256.00	LF		\$	
3030	08001		STRUCTURE EXCAVATION-COMMON	2,525.00	CUYD		\$	
3040	08002		STRUCTURE EXCAV-SOLID ROCK	1,495.00	CUYD		\$	
3050	08003		FOUNDATION PREPARATION	1.00	LS		\$	
3060	08019		CYCLOPEAN STONE RIP RAP	419.00	TON		\$	
3070	08020		CRUSHED AGGREGATE SLOPE PROT	930.00	TON		\$	
3080	08033		TEST PILES	106.00	LF		\$	
3090	08051		PILES-STEEL HP14X89	1,391.00	LF		\$	
3100	08095		PILE POINTS-14 IN	34.00	EACH		\$	
3110	08100		CONCRETE-CLASS A	1,629.00	CUYD		\$	
3120	08104		CONCRETE-CLASS AA	1,229.00	CUYD		\$	
3130	08107		CONCRETE-CLASS M 2	30.00	CUYD		\$	
3140	08130		MECHANICAL REINF COUPLER #5	44.00	EACH		\$	
3150	08131		MECHANICAL REINF COUPLER #6	22.00	EACH		\$	
3160	08132		MECHANICAL REINF COUPLER #7	32.00	EACH		\$	
3170	08134		MECHANICAL REINF COUPLER #9	40.00	EACH		\$	
3180	08135		MECHANICAL REINF COUPLER #10	48.00	EACH		\$	
3190	08136		MECHANICAL REINF COUPLER #11	80.00	EACH		\$	
3200	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	1,389.00	EACH		\$	
3210	08141		MECHANICAL REINF COUPLER #6 EPOXY COATED	1,303.00	EACH		\$	
3220	08150		STEEL REINFORCEMENT	225,614.00	LB		\$	
3230	08151		STEEL REINFORCEMENT-EPOXY COATED	498,471.00	LB		\$	
3240	08160		STRUCTURAL STEEL 1,591,494 LBS	1.00	LS		\$	
3250	08170		SHEAR CONNECTORS 8,820	1.00	LS		\$	
3260	08500		APPROACH SLAB	185.00	SQYD		\$	
3270	20214ED		CLEARING BRIDGE SITE	1.00	LS		\$	
3280	20745ED		ROCK SOUNDINGS	37.00	LF		\$	
3290	20746ED		ROCK CORINGS	196.80	LF		\$	
3300	22146EN		CONCRETE PATCHING REPAIR	80.00	SQFT		\$	
3310	23378EC		CONCRETE SEALING	34,572.00	SQFT		\$	
3320	23744EC		EPOXY INJECTION CRACK REPAIR	40.00	LF		\$	
3330	23859EC		FINGER EXPANSION JOINT	64.00	LF		\$	
3340	24405EC		MECHANICAL REINF COUPLER #8-EPOXY COATED	45.00	EACH		\$	
3350	24596EN		GRANULAR BACKFILL	2,190.00	CUYD		\$	
3360	24621EC		DRILLED SHAFT - 108 IN (COMMON)	29.00	LF		\$	
3370	24623EC		DRILLED SHAFT - 102 IN (SOLID ROCK)	94.80	LF		\$	
3380	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	1,195.00	LF		\$	

Section: 0011 - BRIDGE- SB I-75 OVER LYNN CAMP CREEK

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

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Report Date 7/15/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3390	02403		REMOVE CONCRETE MASONRY	80.00	CUYD		\$	
3400	02603		FABRIC-GEOTEXTILE CLASS 2	1,494.00	SQYD		\$	
3410	02604		FABRIC-GEOTEXTILE CLASS 1A	8,726.00	SQYD		\$	
3420	02998		MASONRY COATING	2,339.00	SQYD		\$	
3430	03299		ARMORED EDGE FOR CONCRETE	256.00	LF		\$	
3440	08001		STRUCTURE EXCAVATION-COMMON	2,581.00	CUYD		\$	
3450	08002		STRUCTURE EXCAV-SOLID ROCK	1,674.00	CUYD		\$	
3460	08003		FOUNDATION PREPARATION	1.00	LS		\$	
3470	08019		CYCLOPEAN STONE RIP RAP	965.00	TON		\$	
3480	08020		CRUSHED AGGREGATE SLOPE PROT	666.00	TON		\$	
3490	08033		TEST PILES	83.00	LF		\$	
3500	08051		PILES-STEEL HP14X89	967.00	LF		\$	
3510	08095		PILE POINTS-14 IN	34.00	EACH		\$	
3520	08100		CONCRETE-CLASS A	1,568.00	CUYD		\$	
3530	08104		CONCRETE-CLASS AA	1,392.00	CUYD		\$	
3540	08107		CONCRETE-CLASS M 2	30.00	CUYD		\$	
3550	08136		MECHANICAL REINF COUPLER #11	80.00	EACH		\$	
3560	08150		STEEL REINFORCEMENT	204,772.00	LB		\$	
3570	08151		STEEL REINFORCEMENT-EPOXY COATED	557,100.00	LB		\$	
3580	08160		STRUCTURAL STEEL 2,124,938 LBS	1.00	LS		\$	
3590	08170		SHEAR CONNECTORS 10,080	1.00	LS		\$	
3600	08500		APPROACH SLAB	185.00	SQYD		\$	
3610	20214ED		CLEARING BRIDGE SITE	1.00	LS		\$	
3620	20745ED		ROCK SOUNDINGS	64.00	LF		\$	
3630	20746ED		ROCK CORINGS	202.00	LF		\$	
3640	22146EN		CONCRETE PATCHING REPAIR	80.00	SQFT		\$	
3650	23378EC		CONCRETE SEALING	39,232.00	SQFT		\$	
3660	23744EC		EPOXY INJECTION CRACK REPAIR	40.00	LF		\$	
3670	23859EC		FINGER EXPANSION JOINT	64.00	LF		\$	
3680	24596EN		GRANULAR BACKFILL	2,390.00	CUYD		\$	
3690	24621EC		DRILLED SHAFT - 108 IN (COMMON)	56.00	LF		\$	
3700	24623EC		DRILLED SHAFT - 102 IN (SOLID ROCK)	100.00	LF		\$	
3710	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	1,336.00	LF		\$	

Section: 0012 - BRIDGE- 4'X4' BOX CULVERT EXTENSION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3720	02403		REMOVE CONCRETE MASONRY	17.00	CUYD		\$	
3730	08003		FOUNDATION PREPARATION	1.00	LS		\$	
3740	08100		CONCRETE-CLASS A	28.70	CUYD		\$	
3750	08150		STEEL REINFORCEMENT	2,480.00	LB		\$	

Section: 0013 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3760	04903		REFERENCE MARKER	40.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 7/15/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3770	06400		GMSS GALV STEEL TYPE A	14,939.00	LB		\$	
3780	06405		SBM ALUMINUM PANEL SIGNS	6,466.90	SQFT		\$	
3790	06406		SBM ALUM SHEET SIGNS .080 IN	75.00	SQFT		\$	
3800	06407		SBM ALUM SHEET SIGNS .125 IN	879.00	SQFT		\$	
3810	06410		STEEL POST TYPE 1	1,850.00	LF		\$	
3820	06412		STEEL POST MILE MARKERS	12.00	EACH		\$	
3830	06441		GMSS GALV STEEL TYPE C	10,294.00	LB		\$	
3840	06477		OSS GALV STEEL 70 FT TRUSS	2.00	EACH		\$	
3850	06478		OSS GALV STEEL 75 FT TRUSS	1.00	EACH		\$	
3860	06480		OSS GALV STEEL 85 FT TRUSS	4.00	EACH		\$	
3870	06490		CLASS A CONCRETE FOR SIGNS	367.97	CUYD		\$	
3880	06491		STEEL REINFORCEMENT FOR SIGNS	30,173.00	LB		\$	
3890	20419ND		ROADWAY CROSS SECTION	37.00	EACH		\$	
3900	20912ND		BARRIER WALL POST	20.00	EACH		\$	
3910	21596ND		GMSS TYPE D	18.00	EACH		\$	
3920	24631EC		BARCODE SIGN INVENTORY	100.00	EACH		\$	

Section: 0014 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3930	02568		MOBILIZATION	1.00	LS		\$	
3940	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY													
ITEM	DESCRIPTION	UNIT	I-75	EXIT 25 RAMPS	EXIT 29 RAMPS	KY 1259	KY 312	US 25E	M.O.T.				
5950	EROSION CONTROL BLANKET	SQ YD	526	336	321							862	321
5952	TEMPORARY MULCH	SQ YD	500,818									393,060	107,758
5953	TEMP SEEDING AND PROTECTION	SQ YD	373,745									293,598	80,147
5963	INITIAL FERTILIZER	TON	23									18	5
5964	MAINTENANCE FERTILIZER	TON	38.7									30.4	8.3
5985	SEEDING AND PROTECTION	SQ YD	747,490									586,657	160,833
5992	AGRICULTURAL LIMESTONE	TON	463.3									363.6	99.7
6511	PAVE STRIPING-TEMP PAINT - WHITE	LF							233,363			191,358	42,005
6511	PAVE STRIPING-TEMP PAINT - YELLOW	LF							221,237				
6542	PAVE STRIPING-THERMO - 6 IN W	LF	91,987	8,648	3,772	664	1,982	2,558				86,717	22,834
6543	PAVE STRIPING-THERMO - 6 IN Y	LF	59,982	5,075	1,954	664	1,540	1,724				56,470	14,469
6546	PAVE STRIPING-THERMO - 12 IN W	LF	5,444	204								3,864	1,784
6549	PAVE STRIPING TEMP REM TAPE - BLACK	LF							137,815			113,008	24,807
6556	PAVE STRIPING-DUR TY 1-6 IN W	LF	3,600			586	564					4,141	609
6557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	2,400			586	564					3,144	406
6560	PAVE STRIPING-DUR TY 1-12 IN W	LF	4,172									4,172	
6568	PAVE MARKING-THERMO STOP BAR - 24 IN	LF		60	36		24	72				82	108
6569	PAVE MARKING-THERMO CROSS-HATCH	SQ FT						319					319
6574	PAVE MARKING-THERMO CURV ARROW	EACH		45	33							45	33
6578	PAVE MARKING-THERMO MERGE ARROW	EACH	18	2	1							15	6
6589	PAVEMENT MARKER TYPE V - MW	EACH	104									85	19
6610	INLAID PAVEMENT MARKER - MW	EACH				31	64	52				95	52
6611	INLAID PAVEMENT MARKER - MY	EACH				31	53	26				84	26
6613	INLAID PAVEMENT MARKER - B W/R	EACH	1,287	87	29							1,116	287
6614	INLAID PAVEMENT MARKER - B Y/R	EACH	1,558	118	44							1,415	305
8301	REMOVE SUPERSTRUCTURE - KY 727 EXISTING BRIDGE	LS	1						15			1	1
8902	CRASH CUSHION TYPE VI CLASS B TL3	EACH	1									13	3
8909	CRASH CUSHION TYPE VI CLASS D TL3	EACH	3									2	1
10020NS	FUEL ADJUSTMENT	DOLL	834,888									664,658	170,230
10030NS	ASPHALT ADJUSTMENT	DOLL	1,044,430									772,257	272,173
20191ED	OBJECT MARKER TYPE 3	EACH	24	3	1	2	1					26	5
20550ND	SAWCUT PAVEMENT (1)	LF	59,443									48,743	10,700
22664EN	WATER BLASTING EXISTING STRIPE	LF		2,170	1,171							2,170	1,171
23875NC	REMOVE THERMOPLASTIC ARROWS	EACH		8	6							8	6
23929EC	LIGHTWEIGHT AGGREGATE FILL	CU YD	6,187									4,931	1,256
24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	LF	24,661									21,634	3,027
24679ED	PAVE MARK THERMO CHEVRON	SQ FT		480	353							480	353
24779EC	INTELLIGENT COMPACTION FOR SOIL	CU YD	500,000									410,000	90,000
24780EC	INTELLIGENT COMPACTION FOR AGGREGATE	TON	149,794	23,058	8,384	893	2,790					149,572	35,347
24781EC	INTELLIGENT COMPACTION FOR ASPHALT	TON	401,155	13,038	4,785	299	1,038					343,322	76,993
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	SQ FT	16,440,588	734,913	263,340	18,567	64,566					14,299,329	3,222,645
25075EC	QUEUE PROTECTION VEHICLE	HOURL	2000										
25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	EACH	12			2	4					12	6
25079ED	THRIE BEAM GUARDRAIL TRANSITION TL-2	EACH	8			2						8	2
25117EC	FURNISH QUEUE PROTECTION VEHICLES	MONTH	60										
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MONTH	30										
26137EC	QUEUE WARNING PCMS	MONTH	180										
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MONTH	180										
26248EC	ELECTRONIC DELIVERY MANAGEMENT SYSTEM - AGG	LS	1										
23274ENIIF	TURF REINFORCEMENT MAT 1	SQ YD	2,627	515	547							2,026	1,663
23275ENIIF	TURF REINFORCEMENT MAT 2	SQ YD	534	796								1,330	
20467NSI12	RELOCATE TUBULAR MARKER	EACH							48			48	
23148EN	END ANCHORS	EACH	1									1	
20411ED	LAW ENFORCEMENT OFFICER	HOURS	2,500									1,700	800

NOTES:

- ① SAWCUT PAVEMENT SHALL BE MINIMUM 6" DEPTH ALONG INSIDE SHOULDER FOR LENGTH OF PROJECT.

REVISED: JULY 15, 2025

GENERAL SUMMARY

NOTES:

- ① SAWCUT PAVEMENT SHALL BE MINIMUM 6" DEPTH ALONG INSIDE SHOULDER FOR LENGTH OF PROJECT.

ITEM	DESCRIPTION	UNIT	I-75 EXIT 25 RAMPS	EXIT 29 RAMPS	KY 1259	KY 312	US 25E	M.O.T.					WHITLEY COUNTY TOTAL	LAUREL COUNTY TOTAL	PROJECT TOTAL
5950	EROSION CONTROL BLANKET	SQ YD	526	336	321								862	321	1,183
5952	TEMPORARY MULCH	SQ YD	500,818										393,060	107,758	500,818
5953	TEMP SEEDING AND PROTECTION	SQ YD	373,745										293,598	80,147	373,745
5963	INITIAL FERTILIZER	TON	23										18	5	23
5964	MAINTENANCE FERTILIZER	TON	38.7										30.4	8.3	38.7
5985	SEEDING AND PROTECTION	SQ YD	747,490										586,657	160,833	747,490
5992	AGRICULTURAL LIMESTONE	TON	463.3										363.6	99.7	463.3
6511	PAVE STRIPING-TEMP PAINT - WHITE	LF						233,363					191,358	42,005	233,363
6511	PAVE STRIPING-TEMP PAINT - YELLOW	LF						221,237					181,414	39,823	221,237
6542	PAVE STRIPING-THERMO - 6 IN W	LF	91,987	3,772	664	1,982	2,558						86,717	22,834	109,551
6543	PAVE STRIPING-THERMO - 6 IN Y	LF	59,982	1,954	664	1,540	1,724						56,470	14,469	70,939
6546	PAVE STRIPING-THERMO - 12 IN W	LF	5,444	204									3,864	1,784	5,648
6549	PAVE STRIPING TEMP REM TAPE - BLACK	LF						137,815					113,008	24,807	137,815
6556	PAVE STRIPING-DUR TY 1-6 IN W	LF	3,600		586	564							4,141	609	4,750
6557	PAVE STRIPING-DUR TY 1-6 IN Y	LF	2,400		586	564							3,144	406	3,550
6560	PAVE STRIPING-DUR TY 1-12 IN W	LF	4,172										4,172		4,172
6568	PAVE MARKING-THERMO STOP BAR - 24 IN	LF		60	36	24	72						82	108	192
6569	PAVE MARKING-THERMO CROSS-HATCH	SQ FT					319							319	319
6574	PAVE MARKING-THERMO CURV ARROW	EACH		45	33								45	33	78
6578	PAVE MARKING-THERMO MERGE ARROW	EACH	18	2	1								15	6	21
6589	PAVE MARKING-THERMO TYPE V - MW	EACH	104										85	19	104
6610	INLAID PAVEMENT MARKER - MW	EACH			31	64	52						95	52	147
6611	INLAID PAVEMENT MARKER - MY	EACH			31	53	26						84	26	110
6613	INLAID PAVEMENT MARKER - B W/R	EACH	1,287	87									1,116	287	1,403
6614	INLAID PAVEMENT MARKER - B Y/R	EACH	1,558	118									1,415	305	1,720
8301	REMOVE SUPERSTRUCTURE - KY 727 EXISTING BRIDGE	LS	1										1		1
8902	CRASH CUSHION TYPE VI CLASS B TL3	EACH	1					15					13	3	16
8909	CRASH CUSHION TYPE VI CLASS D TL3	EACH	3										2	1	3
10020NS	FUEL ADJUSTMENT	DOLL	834,888										664,658	170,230	834,888
10030NS	ASPHALT ADJUSTMENT	DOLL	1,044,430										772,257	272,173	1,044,430
20191ED	OBJECT MARKER TYPE 3	EACH	24	3	1	2	1						26	5	31
20550ND	SAWCUT PAVEMENT ①	LF	59,443										48,743	10,700	59,443
22664EN	WATER BLASTING EXISTING STRIPE	LF		2,170	1,171								2,170	1,171	3,341
23875NC	REMOVE THERMOPLASTIC ARROWS	EACH		8	6								8	6	14
23929EC	LIGHTWEIGHT AGGREGATE FILL	CU YD	6,187										4,931	1,256	6,187
24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	LF	24,661										21,634	3,027	24,661
24679ED	PAVE MARK THERMO CHEVRON	SQ FT		480	353								480	353	833
24779EC	INTELLIGENT COMPACTION FOR SOIL	CU YD	500,000										410,000	90,000	500,000
24780EC	INTELLIGENT COMPACTION FOR AGGREGATE	TON	149,794	23,058	8,384	893	2,790						149,572	35,347	184,919
24781EC	INTELLIGENT COMPACTION FOR ASPHALT	TON	401,155	13,038	4,785	299	1,038						343,322	76,993	420,315
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	SQ FT	16,440,588	734,913	263,340	18,567	64,566						14,299,329	3,222,645	17,521,974
25075EC	QUEUE PROTECTION VEHICLE	HOURL	2000												2000
25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	EACH	12			2	4						12	6	18
25079ED	THRIE BEAM GUARDRAIL TRANSITION TL-2	EACH	8			2							8	2	10
25117EC	FURNISH QUEUE PROTECTION VEHICLES	MONTH	60												60
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MONTH	30												30
26137EC	QUEUE WARNING PCMS	MONTH	180												180
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MONTH	180												180
26248EC	ELECTRONIC DELIVERY MANAGEMENT SYSTEM - AGG	LS	1												1
23274ENIIF	TURF REINFORCEMENT MAT 1	SQ YD	2,627	515	547								2,026	1,663	3,689
23275ENIIF	TURF REINFORCEMENT MAT 2	SQ YD	534	796									1,330		1,330
20467NSW2	REL-SCALE TURN-AR-MARKER	EACH						48					48		48
23148EN	END ANCHORS	EACH	1										1		1
20411ED	LAW ENFORCEMENT OFFICER	HOURS	2,500										1,700	800	2,500

FILE NAME: J:\12216 - I-75 LAUREL-WHITLEY COUNTIES - 2022300 - MILESTONES AND SUBMITTALS\I70 - CONTRACT PLANS AND PROPOSAL\ADDENDUMS\R02\LOSU_MU.DGN

USER: mwitzberger

OpenRoads Designer v10.16.2.267

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.

ORIGIN OF LEVELS
COORDINATES OBTAINED BY
RTK GNSS METHODS BY QK4
IN MARCH 2020

NOTE:
CONTRACTOR IS RESPONSIBLE FOR CONTACTING
ALL UTILITY COMPANIES PRIOR TO
CONSTRUCTION ACTIVITY

NOTE:
ANY DAMAGES TO EXISTING UTILITIES OUTSIDE
THE DISTURB LIMITS SHALL BE REPAIRED AT
THE CONTRACTOR'S EXPENSE

BENCHMARK:
MON. #121
STA. 1251+66.64, 68.77' LT.
ALUMINUM DISK IN CONCRETE
ELEV. 1301.48

LT. STA. 1257+50 TO STA. 1265+00
REMOVE AND REPLACE 788 LF OF
RIGHT OF WAY FENCE

STA. 1260+50 TO STA. 1265+00
CONST. 450 LF OF CONCRETE MEDIAN
BARRIER TYPE A TL5 56-IN W/ 1-CRASH
CUSHION TYPE VI CLASS D TL3

STA. 1257+50 TO STA. 1265+00 REMOVE
750 LF OF CABLE GUARDRAIL BARRIER

LT. STA. 1257+50 CONST.
24 LF OF EDGE KEY

LT. STA. 1263+84 TO STA. 1265+00
REMOVE 116 LF OF GUARDRAIL

LT. STA. 1257+50 TO STA. 1265+00
CONST. 1,500 LF OF SHOULDER
RUMBLE STRIPS

LT. STA. 1258+50 CONST. 1-END
ANCHOR FOR CABLE BARRIER GUARDRAIL

BEGIN CONSTRUCTION
STA. 1257+50.00
ITEM NO. 11-14.8

STA. 1257+50 BEGIN
OVERLAY TAPER

STA. 1260+50 BEGIN FULL
DEPTH ASPH. OVERLAY

NOTE:
ALL STATIONING BASED ON I-75 CL
UNLESS OTHERWISE NOTED

PI STA 1254+30.37
 $\Delta = 0^{\circ}03'38''$ RT

RT. STA. 1257+50 CONST.
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RT. STA. 1257+50 TO STA. 1265+00
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RUMBLE STRIPS

RT. STA. 1260+25 TO STA. 1265+00
CONST. 425 LF OF STEEL W-BEAM
GUARDRAIL (SINGLE FACE) W/ 1-END
TREATMENT TYPE 1

RT. STA. 1260+28 TO STA. 1265+00
REMOVE 472 LF OF GUARDRAIL

RT. STA. 1257+50 TO STA. 1265+00
REMOVE AND REPLACE 754 LF OF
RIGHT OF WAY FENCE

UTILITY OWNERS

JACKSON ENERGY COOP CORP.
115 JACKSON ENERGY LANE
MCKEE, KY 40447
ATTN: BRENT BINGHAM

KENTUCKY UTILITIES COMPANY
820 WEST BROADWAY
LOUISVILLE, KY 40202
ATTN: CAROLINE JUSTICE

CUMBERLAND VALLEY ELECTRIC
6219 NORTH US HIGHWAY 25E
GRAY, KY 40734
ATTN: MARK ABNER

DELTA NATURAL GAS
3617 LEXINGTON ROAD
WINCHESTER, KY 40391
ATTN: ROBERT NELLIPOWITZ

AT&T - KENTUCKY
1340 EAST JOHN ROWAN BLVD.
BARDSTOWN, KY 40004
ATTN: SCOTT ROCHE

AT&T - LEGACY
7555 EAST PLEASANT VALLEY ROAD
SUITE 140
INDEPENDENCE, OH 44131
ATTN: MIKE DIEDERICH

WINDSTREAM
130 WEST NEW CIRCLE ROAD
LEXINGTON, KY 40505
ATTN: STEVE JOHNSON

WOOD CREEK WATER DISTRICT
1670 EAST HAL ROGERS PARKWAY
LONDON, KY 40741
ATTN: DONTA EVANS

CITY OF CORBIN UTILITIES COMMISSION
(ELECTRIC, WATER AND SEWER)
1515 CUMBERLAND FALLS HIGHWAY
CORBIN, KY 40701
ATTN: JEFF NANTZ

LAUREL WATER DISTRICT #2
3910 SOUTH LAUREL ROAD
LONDON, KY 40744
ATTN: KENNETH FISHER

CITY OF BARBOURVILLE UTILITIES COMMISSION
P.O. BOX 1300
BARBOURVILLE, KY 40906
ATTN: RANDALL YOUNG

CUMBERLAND FALLS HIGHWAY WATER DISTRICT
6926 CUMBERLAND FALLS HIGHWAY
CORBIN, KY 40701-8637
ATTN: JOHNNY COLLETTE

WHITLEY COUNTY WATER DISTRICT #1
19 SOUTH HIGHWAY 25W
WILLIAMSBURG, KY 40769
ATTN: SANDRA SMITH

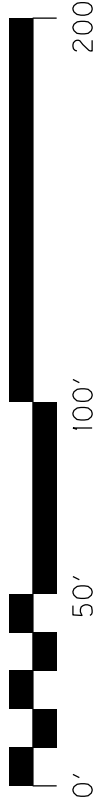


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



I-75 PLAN SHEET

HORIZONTAL SCALE
1"=50'



STA. 1257+50 TO STA. 1265+00

ITEM NO.
11-14.80

SHEET NO.
R3

COUNTY OF
Laurel/Whitley

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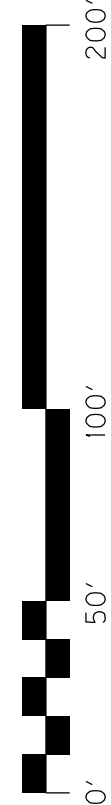


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



I-75 PLAN SHEET

HORIZONTAL SCALE
SCALE: 1"=50'



STA. 1257+50 TO STA. 1265+00

ITEM NO.
11-14.80

SHEET NO.
R3

COUNTY OF
Laurel/Whitley

REVISED: JULY 11, 2025

TRANSPORTATION CABINET

DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

I-75

OVER US 25W

STA. 1336+99.94

INDEX OF SHEETS	
Sheet No.	Description
S1	Title Sheet
S2	General Notes
S3-S4	Layout
S5-S6	Construction Phasing
S7-S8	Subsurface Data
S9	Foundation Layout
S10	Drilled Shaft Details
S11-S14	End Bent #1
S15-S17	Pier #1
S18-S20	Pier #2
S21	Pier #1 Crashwall Extension
S22	Pier #2 Crashwall Extension
S23-S26	End Bent #2
S27	Bearing Replacement
S28	Framing Plan
S29	PPC Box Beam SB33x48
S30-S34	Superstructure
S35-S36	Construction Elevations
S37	56" Median Barrier
S38	Sepia 043: Bearing Details
S39	Sepia 042: Sheet 013: Concrete Barrier Wall Type 9T
540	Sepia 042: Sheet 014: Concrete Barrier Wall Type 9T

SPECIAL NOTES	
Special Note for Drilled Shafts	
Special Note for Non-Destructive Testing of Drilled Shafts	
Special Note for Bearing Replacement	
Special Note for Concrete Sealing	
Special Note for Concrete Coating	
Special Note for Bridge Deck Restoration and Waterproofing with Concrete Overlays	

SPECIAL PROVISIONS	
69 Embankment at Bridge End Bent Structures	

STANDARD DRAWINGS	
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BIE-001-14	Armored Edges
BIE-002	Expansion Joints
BIE-003	Expansion Joint Replacement 1"-3"
BIE-005	Expansion Joint Replacement General Notes
BBP-001-12	Elastomeric Bearing Pads for Prestressed Beams
BGX-012-02	Geotechnical Legend
BGX-006-10	Stencils for Structures
BGX-015-04	Bridge Drains
BGX-022	Joint Waterproofing
BHS-010	Railing System 40 Inch Single Slope
BPS-003-09	HP12x53 Steel Pile
RGX-100-07	Treatment of Embankments at End Bents
RGX-105-09	Treatment of Embankments at End Bents - Details

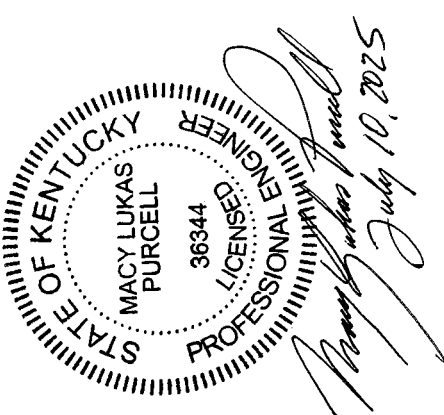
SPECIFICATIONS	
2019 Standard Specifications for Road and Bridge Construction.	
AASHTO LRFD Bridge Design Specifications, 9th Ed	

ESTIMATE OF QUANTITIES

BID ITEM CODE	08100	08104	08534	08151	24179EC	08140	08020	02231	20743ED	22417EN	20637ED	20746ED	20745ED	21321NC	08046	08033	08094	08003	02998	23378EC	24982EC	02403	08510	08671	23032EN	01978	03299	03294	08469	24094EC	08526	21969NN	08435	26233EC	
Substructure	Concrete Class "A"	C.Y.	67.2																																
	Concrete Class "AA"	C.Y.																																	
	Concrete Overlay - Latex Reinforcement																																		
	Steel Reinforcement Coated																																		
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BRIDGE TOTALS		319.0	282.6	292.5	185135	18	801	278	260	70	98	52	132	113	6	769	79	24	1	972	4715	1	84.5	1570	901.7	372	186	255.3	169.8	95.0	6.6	6.6	20	1	

① Estimated Surface Area of Concrete Coating = 448 S.Y.

PLANS PREPARED BY
HDR ENGINEERING, INC.

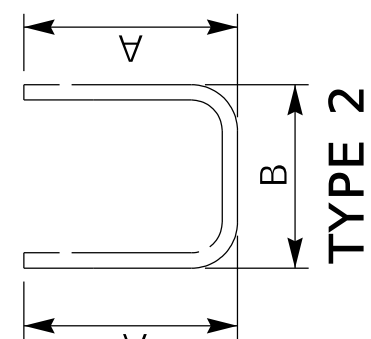


MACY LUKAS PURCELL, PE
KY NO. 36344

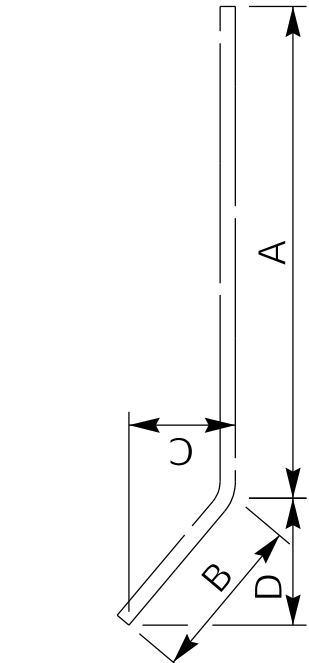
 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	REVISION UPDATED QUANTITIES		DATE 07/10/25
	PREPARED BY HDR		DATE: March, 2025
	DESIGNED BY: L. Decker DETAILED BY: L. Decker		CHECKED BY M. Purcell
DATE PLOTTED: 7/10/2025		FILE NAME: 11_14_80_525767_501.dgn	
USER: LDECKER		TITLE SHEET	
		CROSSING US 25W	
		ROUTE I-75	ITEM NO. 11-14.8
		SHEET NO. S1	COUNTY OF WHITLEY
			DRAWING NUMBER 25767

BILL OF REINFORCEMENT

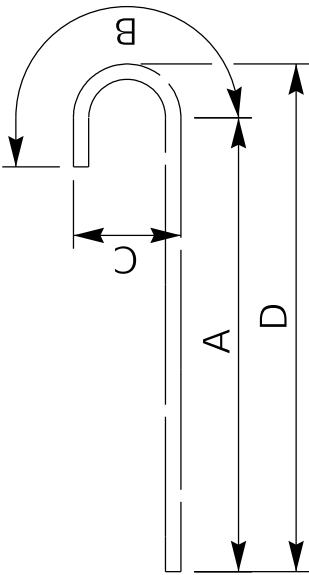
MARK.	TYPE.	NUMBER				SIZE	LENGTH	LOCATION	A	B	C	D
		PHASE 1	PHASE 2	PHASE 3	TOTAL							
S101(E)	Str.			1	1	5	15'-9"	Top of Deck (Trans.)				
S102(E)	Str.			1	1	5	17'-3"	Top of Deck (Trans.)				
S103(E)	Str.			1	1	5	18'-9"	Top of Deck (Trans.)				
S104(E)	Str.			1	1	5	20'-3"	Top of Deck (Trans.)				
S105(E)	Str.			1	1	5	21'-9"	Top of Deck (Trans.)				
S106(E)	Str.			1	1	5	23'-3"	Top of Deck (Trans.)				
S107(E)	Str.			1	1	5	24'-9"	Top of Deck (Trans.)				
S108(E)	Str.			1	1	5	26'-3"	Top of Deck (Trans.)				
S109(E)	Str.			1	1	5	27'-9"	Top of Deck (Trans.)				
S110(E)	Str.			1	1	5	29'-3"	Top of Deck (Trans.)				
S111(E)	Str.			2	2	5	16'-11"	Top of Deck (Trans.)				
S112(E)	Str.			2	2	5	17'-8"	Top of Deck (Trans.)				
S113(E)	Str.			2	2	5	18'-5"	Top of Deck (Trans.)				
S114(E)	Str.			2	2	5	19'-2"	Top of Deck (Trans.)				
S115(E)	Str.			2	2	5	19'-6"	Top of Deck (Trans.)				
S116(E)	Str.			2	2	5	19'-6"	Top of Deck (Trans.)				
S117(E)	Str.			2	2	5	18'-9"	Top of Deck (Trans.)				
S118(E)	Str.			2	2	5	18'-0"	Top of Deck (Trans.)				
S119(E)	Str.			2	2	5	17'-3"	Top of Deck (Trans.)				
S120(E)	Str.			1	1	5	29'-10"	Top of Deck (Trans.)				
S121(E)	Str.			1	1	5	28'-4"	Top of Deck (Trans.)				
S122(E)	Str.			1	1	5	26'-10"	Top of Deck (Trans.)				
S123(E)	Str.			1	1	5	25'-4"	Top of Deck (Trans.)				
S124(E)	Str.			1	1	5	23'-10"	Top of Deck (Trans.)				
S125(E)	Str.			1	1	5	22'-4"	Top of Deck (Trans.)				
S126(E)	Str.			1	1	5	20'-10"	Top of Deck (Trans.)				
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S130(E)	Str.			1	1	5	14'-10"	Top of Deck (Trans.)				
S131(E)	Str.			1	1	5	13'-4"	Top of Deck (Trans.)				
S132(E)	Str.			1	1	5	11'-10"	Top of Deck (Trans.)				
S133(E)	Str.			1	1	5	10'-4"	Top of Deck (Trans.)				
S134(E)	Str.			1	1	5	8'-10"	Top of Deck (Trans.)				
S135(E)	Str.			1	1	5	7'-4"	Top of Deck (Trans.)				
S136(E)	Str.			1	1	5	5'-10"	Top of Deck (Trans.)				
S137(E)	Str.			1	1	5	4'-4"	Top of Deck (Trans.)				
S138(E)	Str.			1	1	5	2'-10"	Top of Deck (Trans.)				
S139(E)	Str.	788				788	5	3'-6"	Top of Deck (Trans.)			
S140(E)	4		397	397	794	5	4'-7"	Bridge Rail *	3'-7 ¹ / ₄ "	11 ³ / ₄ "	3 ¹ / ₂ "	3'-9"
S141(E)	8		397	397	794	5	6'-6"	Bridge Rail *	3'-5 ⁷ / ₈ "	3'-0"	2'-11 ¹ / ₂ "	6 ¹ / ₈ "
S142(E)	Str.		48	48	96	5	30'-0"	Bridge Rail *				
S143(E)	Str.		8	8	16	5	20'-7"	Bridge Rail *				
D1(E)	2	40			40	5	9'-5"	Pier Diaphragm	3'-1 ¹ / ₂ "	3'-2"		
D2(E)	Str.	48			48	5	4'-7"	Pier Diaphragm				
D3(E)	2	60			30	5	7'-1"	End Bent Diaphragm	2'-9 ¹ / ₂ "	1'-6"		
D4(E)	2	8			4	5	5'-8"	End Bent Diaphragm	2'-1"	1'-6"		
D5(E)	Str.	8			4	5	25'-1"	End Bent Diaphragm				
D6(E)	Str.	2			1	5	25'-0"	End Bent Diaphragm				
D7(E)	Str.	4			2	5	8'-8"	End Bent Diaphragm				
D8(E)	Str.	20			10	5	4'-9"	End Bent Diaphragm				
D9(E)	Str.	8			4	5	1'-2"	End Bent Diaphragm				
D10(E)	Str.	12			6	5	3'-1"	End Bent Diaphragm				



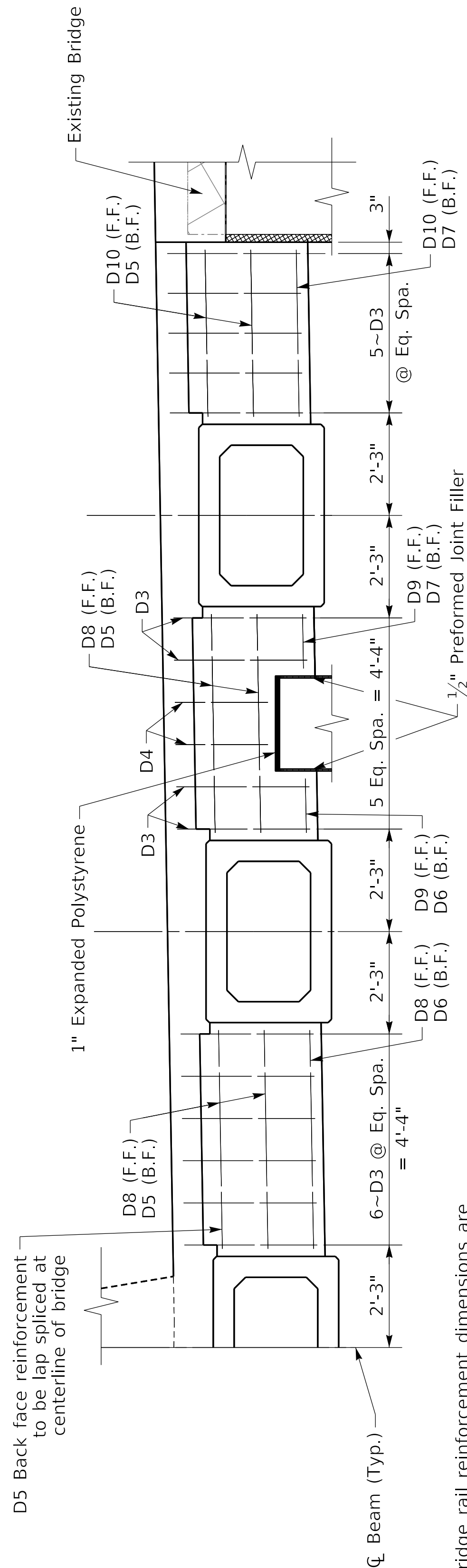
TYPE 2



TYPE 8



TYPE 4



END BENT DIAPHRAGM ELEVATION

* Bridge rail reinforcement dimensions are included in the Bill of Reinforcement for information only. The weight of this steel reinforcement shall be included in the unit price bid for Bridge Barrier Retrofit.

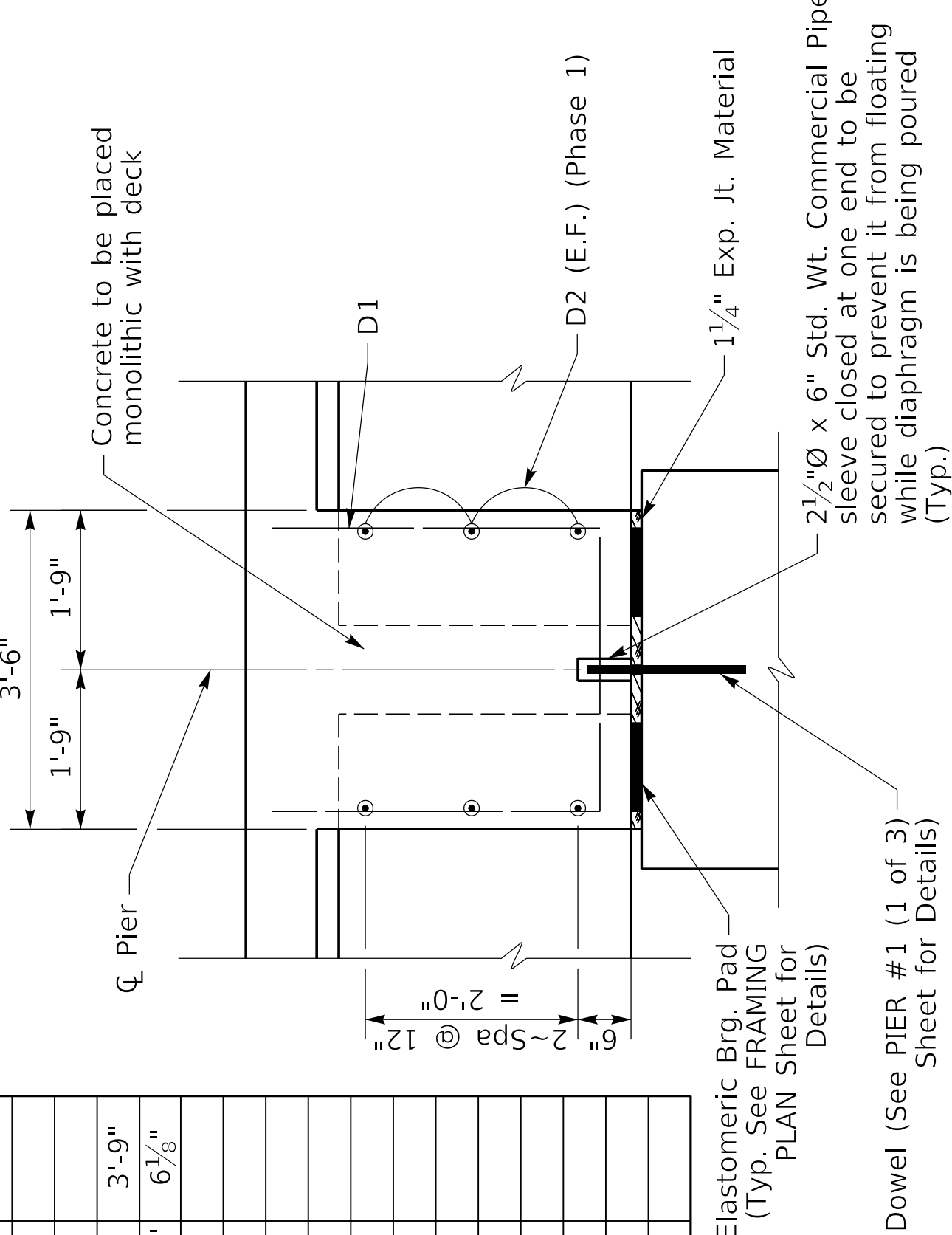
Note: Should the contractor choose to introduce lap splices in addition to what is already specified in these plans, use the following lap splice lengths:

NOTES:

Pier concrete diaphragms shall be omitted at the phase lines (between Beams 5 & 6, and between Beams 10 & 11).

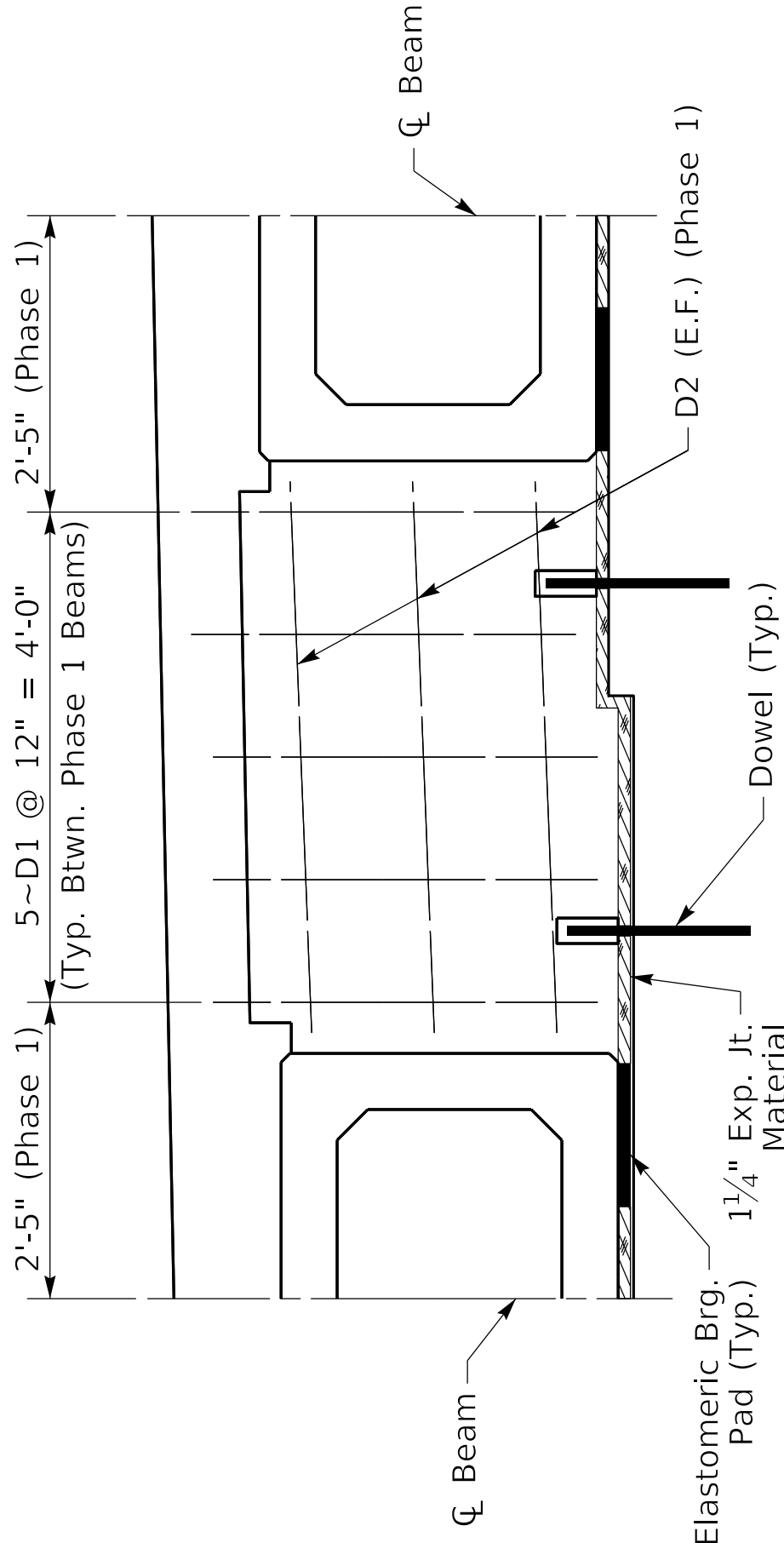
Diaphragm stirrups shall be placed parallel to the beams.

The precast beams shall be a minimum of 90 days old before continuity is established. Continuity includes clamping extended strands and encasing the beams in the concrete diaphragm at the pier.



PIER DIAPHRAGM SECTION

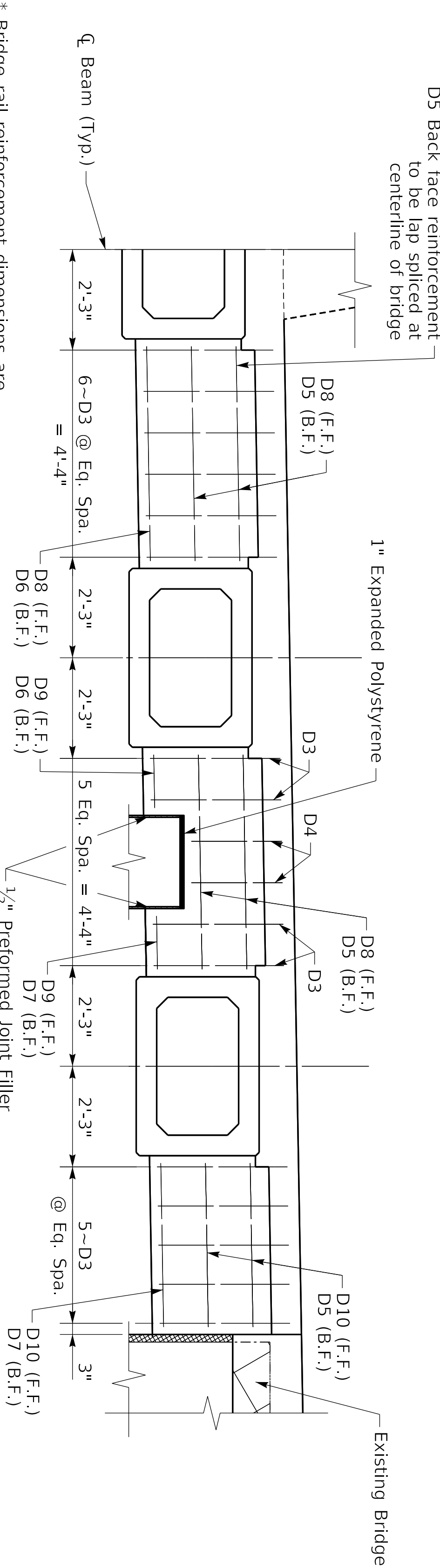
END BENT DIAPHRAGM SECTION



PIER DIAPHRAGM ELEVATION

BILL OF REINFORCEMENT

MARK.	TYPE.	NUMBER			SIZE	LENGTH	LOCATION	A	B	C	D
		PHASE 1	PHASE 2	PHASE 3							
S101(E)	Str.			1	1	15'-9"	Top of Deck (Trans.)				
S102(E)	Str.			1	1	17'-3"	Top of Deck (Trans.)				
S103(E)	Str.			1	1	18'-9"	Top of Deck (Trans.)				
S104(E)	Str.			1	1	20'-3"	Top of Deck (Trans.)				
S105(E)	Str.			1	1	21'-9"	Top of Deck (Trans.)				
S106(E)	Str.			1	1	23'-3"	Top of Deck (Trans.)				
S107(E)	Str.			1	1	24'-9"	Top of Deck (Trans.)				
S108(E)	Str.			1	1	26'-3"	Top of Deck (Trans.)				
S109(E)	Str.			1	1	27'-9"	Top of Deck (Trans.)				
S110(E)	Str.			1	1	29'-3"	Top of Deck (Trans.)				
S111(E)	Str.			2	2	16'-11"	Top of Deck (Trans.)				
S112(E)	Str.			2	2	17'-8"	Top of Deck (Trans.)				
S113(E)	Str.			2	2	18'-5"	Top of Deck (Trans.)				
S114(E)	Str.			2	2	19'-2"	Top of Deck (Trans.)				
S115(E)	Str.			2	2	19'-6"	Top of Deck (Trans.)				
S116(E)	Str.			2	2	19'-6"	Top of Deck (Trans.)				
S117(E)	Str.			2	2	18'-9"	Top of Deck (Trans.)				
S118(E)	Str.			2	2	18'-0"	Top of Deck (Trans.)				
S119(E)	Str.			2	2	17'-3"	Top of Deck (Trans.)				
S120(E)	Str.			1	1	29'-10"	Top of Deck (Trans.)				
S121(E)	Str.			1	1	28'-4"	Top of Deck (Trans.)				
S122(E)	Str.			1	1	26'-10"	Top of Deck (Trans.)				
S123(E)	Str.			1	1	25'-4"	Top of Deck (Trans.)				
S124(E)	Str.			1	1	23'-10"	Top of Deck (Trans.)				
S125(E)	Str.			1	1	22'-4"	Top of Deck (Trans.)				
S126(E)	Str.			1	1	20'-10"	Top of Deck (Trans.)				
S127(E)	Str.			1	1	19'-4"	Top of Deck (Trans.)				
S128(E)	Str.			1	1	17'-10"	Top of Deck (Trans.)				
S129(E)	Str.			1	1	16'-4"	Top of Deck (Trans.)				
S130(E)	Str.			1	1	14'-10"	Top of Deck (Trans.)				
S131(E)	Str.			1	1	13'-4"	Top of Deck (Trans.)				
S132(E)	Str.			1	1	11'-10"	Top of Deck (Trans.)				
S133(E)	Str.			1	1	10'-4"	Top of Deck (Trans.)				
S134(E)	Str.			1	1	8'-10"	Top of Deck (Trans.)				
S135(E)	Str.			1	1	7'-4"	Top of Deck (Trans.)				
S136(E)	Str.			1	1	5'-10"	Top of Deck (Trans.)				
S137(E)	Str.			1	1	4'-4"	Top of Deck (Trans.)				
S138(E)	Str.			1	1	2'-10"	Top of Deck (Trans.)				
S139(E)	Str.			788	788	3'-6"	Top of Deck (Trans.)				
S140(E)	4			397	794	5	Bridge Rail *	3'-7 ¹ / ₄ "	11 ³ / ₄ "	3 ¹ / ₂ "	3'-9"
S141(E)	8			397	794	5	Bridge Rail *	3'-5 ⁷ / ₈ "	3'-0"	2'-11 ¹ / ₂ "	6 ¹ / ₈ "
S142(E)	Str.			48	96	5	Bridge Rail *				
S143(E)	Str.			8	16	5	Bridge Rail *				
D1(E)	2			40	5	9'-5"	Pier Diaphragm	3'-11 ¹ / ₂ "	3'-2"		
D2(E)	Str.			48	5	4'-7"	Pier Diaphragm				
D3(E)	2			60	5	7'-1"	End Bent Diaphragm	2'-9 ¹ / ₂ "	1'-6"		
D4(E)	2			8	5	5'-8"	End Bent Diaphragm	2'-1"	1'-6"		
D5(E)	Str.			8	5	25'-1"	End Bent Diaphragm				
D6(E)	Str.			2	5	25'-0"	End Bent Diaphragm				
D7(E)	Str.			4	5	8'-8"	End Bent Diaphragm				
D8(E)	Str.			20	5	4'-9"	End Bent Diaphragm				
D9(E)	Str.			8	5	1'-2"	End Bent Diaphragm				
D10(E)	Str.			12	5	3'-1"	End Bent Diaphragm				



* Bridge rail reinforcement dimensions are included in the Bill of Reinforcement for information only. The weight of this steel reinforcement shall be included in the unit price bid for Bridge Barrier Retrofit.

END BENT DIAPHRAGM ELEVATION

Note: Should the contractor choose to introduce lap splices in addition to what is already specified in these plans, use the following lap splice lengths:

- 3'-0" for #5 bars (Class AA Concrete)
- 3'-7" for #6 bars (Class AA Concrete)
- 4'-2" for #7 bars (Class AA Concrete)
- 4'-9" for #8 bars (Class AA Concrete)

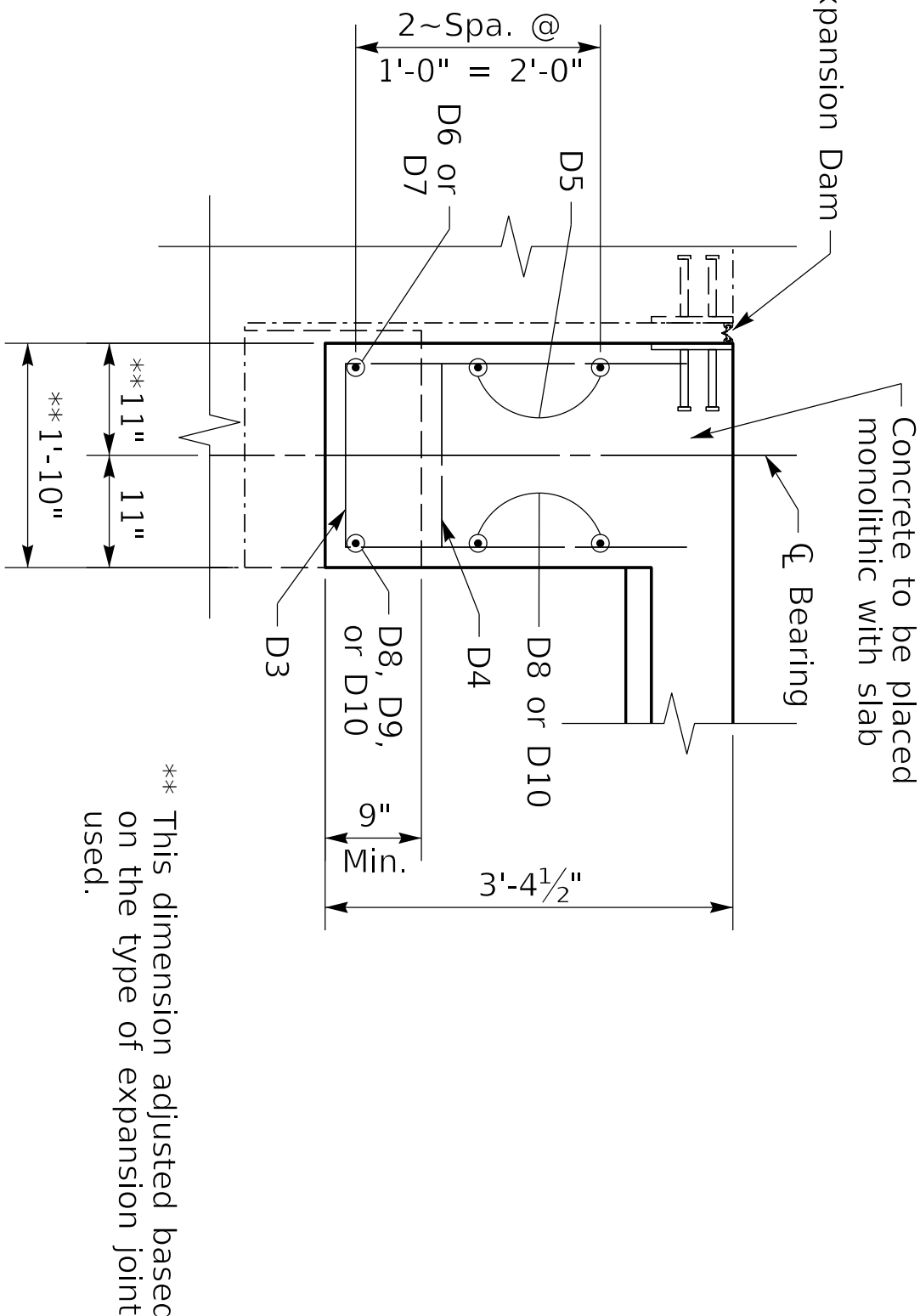
NOTES:

Pier concrete diaphragms shall be omitted at the phase lines (between Beams 5 & 6, and between Beams 10 & 11).

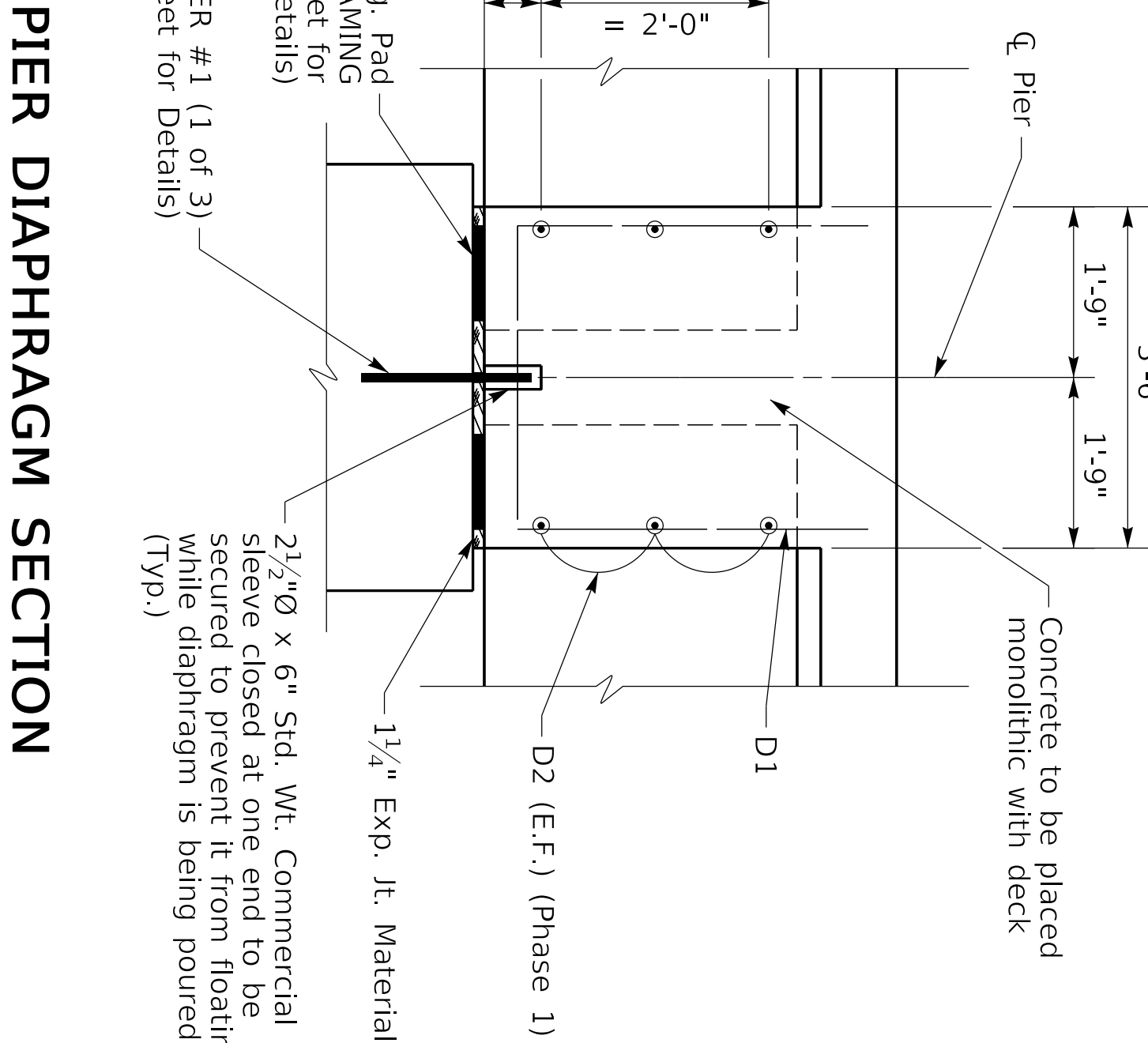
Diaphragm stirrups shall be placed parallel to the beams.

The precast beams shall be a minimum of 90 days old before continuity is established. Continuity includes clamping extended strands and encasing the beams in the concrete diaphragm at the pier.

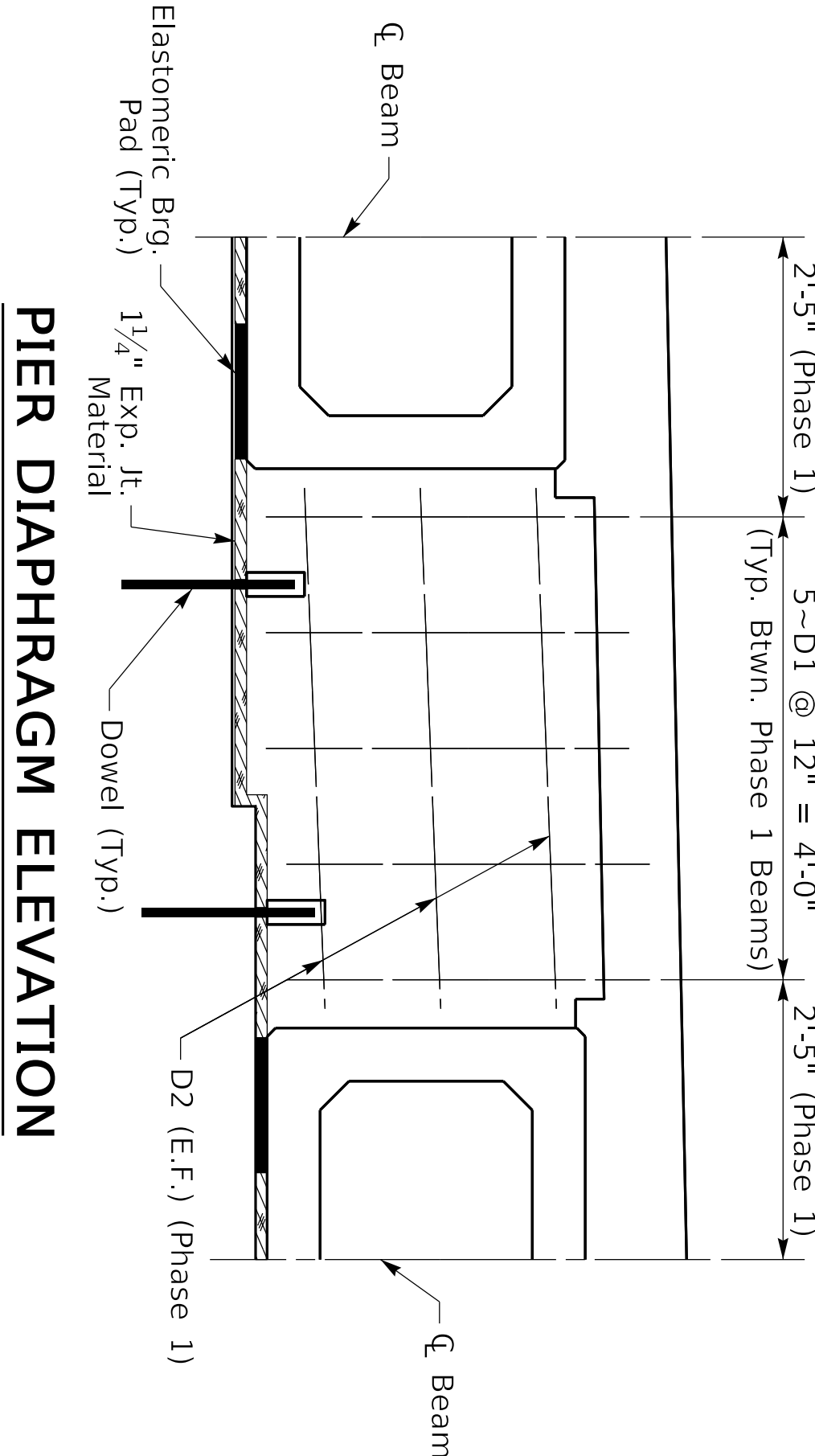
END BENT DIAPHRAGM SECTION



** This dimension adjusted based on the type of expansion joint used.



PIER DIAPHRAGM SECTION



PIER DIAPHRAGM ELEVATION

TRANSPORTATION CABINET

DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

KY 312 (KEAVY ROAD)

OVER I-75

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PLANS PREPARED BY
HDR ENGINEERING, INC.



AARON P. COLE, PE
KY NO. 38723

ESTIMATE OF QUANTITIES																						
BID ITEM CODE		02231	08100	08104	08151	08150	08671	25028ED	03299	08020	08003	08002	23378EC	23583EC	20637ED	23584EC	20746ED	20745ED	21321NC	08140	08134	26233EC
Substructure	BID ITEM	Structure Granular Backfill	Concrete Class "A"	Concrete Class "A"	Steel Reinforcement, Epoxy Coated	Steel Reinforcement	PPC Box Beam SB33	Rail System Single Slope 40 Inch	Armored Edge for Concrete	Crushed Aggregate Slope Protection	Foundation Preparation	Structure Excavation, Solid Rock	Sealing	Drilled Shaft 48 Inch Common	Drilled Shaft 48 Inch Solid Rock	Drilled Shaft 42 Inch Solid Rock	Rock Coring	Rock Sounding	CSL Testing (4 Tubes)	Mechanical Coupler #5 Epoxy Coated	Mechanical Coupler #9 Epoxy Coated	Mobilization for Concrete Surface Treatment
	Abut. #1	C.Y.	C.Y.	C.Y.	LBS.	LBS.	L.F.	L.F.	L.F.	TONS	L.S.	C.Y.	S.F.	L.F.	L.F.	L.F.	L.F.	L.F.	Each	Each	Each	L.S.
		30	39.6		449	2829				317		59	348		45	10	35	95	54			
	Pier #1		52.3		10390								1441		40	35	95	49	5			
	Pier #2		107.4	35.0	15380								2588		30	35	95	41	5	30	14	
	Pier #3		58.9		11913								1441		30	35	95	41	5			
	Abut. #2	107	57.8		568	3558				188		29	348									
Superstructure							1641.0	555	89.5				21298									
BRIDGE TOTALS		137	316.0	489.0	199125	6387	1641.0	555	89.5	505	1	88	27464	115	10	105	285	144	15	30	14	1

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS TEAM KENTUCKY DESIGNED TO EXCEL	REVISION		DATE	PREPARED BY 	DATE: May, 2025	CHECKED BY		TITLE SHEET		ROUTE	ITEM NO. 11-14.8	COUNTY OF WHITLEY				
			DESIGNED BY: R. Richardson Jr.			A. Cole										
						DETAILED BY: R. Richardson Jr.		A. Cole				CROSSING I-75		DRAWING NUMBER 25781		
												SHEET NO. S1				

TRANSPORTATION CABINET

DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

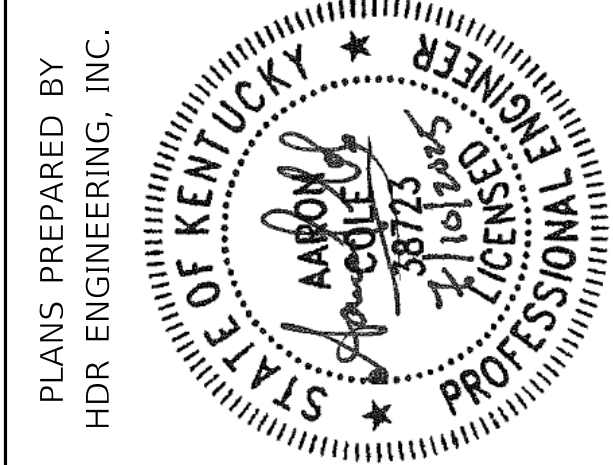
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Substructure	BID ITEM	Structure Granular Backfill	Concrete Class "A"	Concrete Class "A"	Steel Reinforcement, Epoxy Coated	Steel Reinforcement	PPC Box Beam SB33	Rail System Single Slope 40 Inch	Armored Edge for Concrete	Crushed Aggregate Slope Protection	Foundation Preparation	Structure Excavation, Solid Rock	Sealing Concrete	Drilled Shaft 48 Inch Common	Drilled Shaft 48 Inch Solid Rock	Drilled Shaft 42 Inch Solid Rock	Rock Coring	Rock Sounding	CSL Testing (4 Tubes)	Mechanical Coupler #5 Epoxy Coated	Mechanical Coupler #9 Epoxy Coated	Mobilization for Concrete Surface Treatment
	Abut. #1	C.Y.	30	39.6	449	2829				317	L.S.	C.Y.	S.F.	L.F.	L.F.	L.F.	L.F.	L.F.	Each	Each	L.S.	
	Pier #1			32.3	10390								348		10	35	95	54	5			
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BRIDGE TOTALS		137	316.0	489.0	199125	6387	1641.0	555	89.5	505	1	88	27464	115	10	105	285	144	15	30	140	1

USER: ACOLE

DATE PLOTTED: 7/9/2025

FILE NAME: 11_14.80_525781_501.dgn

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SPECIFICATIONS: References to the Specifications, unless otherwise noted, are to the current edition of the Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction--including any current Supplemental Specifications. All references to the AASHTO Specifications are to the Ninth Edition of the AASHTO LRFD Bridge Design Specifications (2020).

DESIGN LOADS: This bridge is designed for 1.25*HL93 (KY-HL93) live load. Design also includes 16 PSF for stay-in-place form weight in order to allow the option for concrete filling the flutes/valleys. Contractor shall ensure form weight (including concrete in voids) does not exceed 16 PSF. Concrete in the valleys shall be considered incidental to the project. As an alternative, the Contractor may fill flutes with expanded or extruded polystyrene.

FUTURE WEARING SURFACE: This bridge is designed for a 15 PSF future wearing surface load with a 1.50 load factor at the Strength I limit state.

SEISMIC DESIGN: This bridge is designed for Seismic Performance Zone 1 based on a modified peak ground acceleration coefficient As = 0.200 and a modified response spectral acceleration coefficient SD1 = 0.150 assuming Site Class D.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Concrete: f'c = 3,500 psi
For Class "A" Modified Concrete f'c = 3,500 psi
For Class "AA" Concrete: f'c = 4,000 psi
For Steel Reinforcement: Fy = 60,000 psi
Fv = 50,000 psi
For prestressed beam design stresses see beam sheet

CONCRETE: Class "AA" Concrete shall be used in the superstructure deck, railing, pier diaphragms, median barrier transition, and portions of the abutments above the bearing seat. Class "A" Concrete shall be used in the pier columns and caps and in portions of the abutments below the bearing seat. Class "A" Modified concrete shall be used in the drilled shafts. Class "D" Modified concrete shall be used in the prestressed beams.

BONDED CONSTRUCTION JOINT: Where a bonded construction joint is called for in the plans, new concrete shall be bonded to previously placed (cured) concrete with a two-component epoxy resin system conforming to Sections 511 and 826 of the Specifications. The cost of this work is incidental to the unit bid price for the class concrete being placed.

CONSTRUCTION IDENTIFICATION: The names of the prime contractor and any sub-contractor shall be imprinted in the concrete in accordance with Standard Drawing BGX-006 (current edition) 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.

ELASTOMERIC BEARINGS: Elastomeric bearings shall conform to the AASHTO LRFD Bridge Construction Specifications, Section 18 and the AASHTO LRFD Bridge Design Specifications, Section 14. Bearings shall be low temperature Grade 3 with durometer hardness of 50 and shall be subjected to load testing requirements corresponding to Design Method A. Leveling pads at the integral end bents are unlaminated bearings cut or molded from Grade 3 elastomer with a hardness of 60 durometers. Leveling pads are not required to be load tested. The cost of all elastomeric bearing pads and shims are to be included in the unit price per linear foot for "PPC BOX BEAM SB33".

CONCRETE SEALING: Apply concrete sealer in accordance with the Special Note for Concrete Sealing. Note that concrete sealers may not be compatible with some concrete curing compounds.

Areas to Receive Concrete Sealer:

- Every exposed substructure surface above a point 6 inches below ground or fill line of abutments, wing walls, end bent and pier caps, pedestals, backwalls, columns, exposed footings, crashwall, and median transition barriers.
- All exposed surfaces of concrete deck and concrete barrier/rail.
- Concrete Beams: The underside surfaces of deck overhangs outside of exterior concrete beams and to the exterior side and bottom of exterior concrete beams.

BEVELED EDGES: All exposed concrete edges shall be beveled 3/4" unless otherwise shown.

SHOP DRAWINGS: Submit shop drawings that are required by the plans and specifications directly to the Engineer of Record via email (aaron.cole@hdrinc.com). If any changes in the design plans are proposed by a fabricator or supplier, submit those changes to the Consultant through the Contractor. Submit final, approved plans to KYTC Division of Maintenance in Frankfort.

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", 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 for purposes of bend diameters.

SPIRAL REINFORCEMENT IN COLUMNS: Lap splices of spirals, where desired by the contractor shall be made with a minimum of one and a half turns of spiral. Do not weld any rebar unless it is ASTM A706 rebar. Centralizing wheels, cage-stabilizing bars, and additional lap splices of spirals may be needed, but shall be considered incidental to the bid item for "STEEL REINFORCEMENT, EPOXY COATED" or the drilled shaft. Spiral reinforcement shall meet the requirements of subsection 811.02(c) of the Specifications.

Dimension "a" shown in the bill of reinforcement for spirals is the distance from top of footing or drilled shaft to bottom layer of reinforcement in the pier cap. The number of turns shown is the length divided by the pitch, plus 3 turns (total number of closed coils) expressed to the nearest whole number. One and one-half closed coils shall be provided at the ends of each spiral unit. Spacers shall be equally spaced along the periphery of the coil.

MECHANICAL REINFORCEMENT COUPLERS: Mechanical couplers are required where shown on the plans and at joints between construction phases. Mechanical couplers shall meet ASTM E466 or E606 requirements for fatigue and be in accordance with Section 602 of the Specifications and provide a mechanical tension splice equivalent to 125 percent of the specified yield strength of the bar being spliced. Where couplers are required, the bar length shown in the bill of reinforcement is the length measured from the center of the construction joint and no adjustment has been made for any reduction or increase in bar length that may be required for the mechanical coupler device. Any additional bar length required for the mechanical splice is to be incidental to the unit price bid for mechanical reinforcement couplers. The estimate of quantities includes the number of test specimens required by 602.03.06 of the Specifications.

ON-SITE INSPECTION: Each contractor submitting a bid shall make a thorough inspection of the project site and be thoroughly familiarized with existing conditions prior to submitting a bid. Submission of a bid will be considered evidence that a field investigation has been made. Original construction plans (Drawing No. 16847) and field survey were used to locate the existing bridges relative to the new bridges. Prior to construction, the contractor is responsible for verifying the location of the existing bridges and their proximity to the construction phases of the new structure. Any claims resulting from site conditions will not be honored by the Department of Highways.

STRUCTURE GRANULAR BACKFILL: Materials for Structure Granular Backfill shall be in accordance with Section 805 of the Specifications. Geotextile Fabric, Class 2 is incidental to the unit price bid for "STRUCTURE GRANULAR BACKFILL".

ARMORED EDGE: Fabricate armored edge to match cross slope and parabolic crown at each end of bridge.

SUPERSTRUCTURE DECK: The deck shall be poured continuously from beginning of bridge to end of bridge before the concrete is allowed to set. The deck pouring sequence may not be changed without the written approval of the designer. Prior to establishing continuity at the piers, the contractor shall ensure that the beams meet the minimum age requirements specified on the pouring sequence details. Stay-in-place metal forms are allowed. The thickness of deck shown on the plans shall be provided above the forms and above the precast beam.

FOUNDATION PREPARATION: Temporary shoring may be required to accommodate construction of the new end bents and piers. Temporary shoring, sheeting, and/or dewatering may also be required for the installation of the drilled shafts at the piers. Include the cost for these items and any excavation or other miscellaneous foundation work not already stated as incidental to another bid item in the lump sum bid for "FOUNDATION PREPARATION".

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.

FALL PROTECTION: Provide flooring for workers in situations where the danger from a fall are compounded by the traffic and for protection to the traffic. If temporary flooring is necessary in addition to deck forms, the flooring is to be designed using the sum of dead load and live vertical loads. Include 50 PSF of horizontal surfaces and the weight of any material or equipment that is placed or allowed to fall during construction or demolition in the live load computation. Submit flooring design along with the falsework design to the Engineer for approval. Extend temporary flooring across traffic lanes, ramps, and usable shoulders of highways and 8 (eight) feet beyond the outer rails of tracks for railways. Consider all phases of furnishing and removing the flooring as incidental to the Contract. This item may be considered in addition to any requirement set forth in subsection 107.01.01 of the Specifications.

No separate measurement or payment will be made for providing and subsequently removing temporary bridge flooring as this is considered incidental to the Contract. The requirement for temporary bridge flooring is waived when stay-in-place deck forms are used.

OVERHEAD UTILITIES: Contractor shall use extreme caution to avoid contact with existing overhead power lines and shall perform all work within the safe working distances established by the Utility Owner. This may require specialized construction methods during, but not limited to, foundation installation, pier construction, girder erection, and deck pours.

PREFORMED JOINT MATERIAL: All material shall be Type I sponge rubber and meet the requirements of AASHTO M153.

MASTIC TAPE: Apply Mastic Tape in accordance with BGX-022. Mastic Tape used to seal joints is to meet the requirements of ASTM C-877 Type I, II, or III. The joint is to be covered with 12-inch wide mastic tape. Prior to application, the joint surface shall be clean and free of dirt, debris, or deleterious material. Primer, if required by the tape manufacturer, shall be applied for a minimum width of nine inches on each side of the joint.

Mastic Tape shall be either:

EZ-WRAP RUBBER by PRESS-SEAL GASKET CORPORATION,
SEAL WRAP by MAR MAC MANUFACTURING CO. INC.,
CADILLOC by the UP RUBBER CO. INC.
or approved equal.

Mastic Tape shall cover the joint continuously unless otherwise shown in the plans. Mastic Tape shall be spliced by lapping a minimum of six inches and in accordance with the manufacturers recommendations with the overlap running downhill. All preformed expansion joint material, caulking, mastic tape, and equipment and labor necessary to complete the joints are incidental to the unit price bid for "CLASS "A" CONCRETE".

REMOVAL OF EXISTING STRUCTURE: The entirety of the existing structure shall be completely removed and properly disposed of. Backfill all holes in the ground completely with sand or pea gravel. Some existing bridge elements may be left in place so long as they are at least 3 feet below the finished surface, and the Engineer determines there is no adverse effect on the proposed bridge or highway elements. All labor and materials associated with removal of the existing structure shall be included in the lump sum bid for "REMOVE STRUCTURE" (See Roadway Plans for bid item).

SLOPE PROTECTION: Slope protection shall be utilized at the abutments. The slope protection shall meet the requirements of Sections 703.03.01 D and 805 of the Standard Specifications for Road and Bridge Construction, current edition. A Geotextile Fabric in accordance with Section 843 of the Standard Specifications for Road and Bridge Construction, current edition, shall be placed between the embankment and the slope protection. Any required excavation and all geotextile fabric shall be incidental to the unit price bid for "CRUSHED AGGREGATE SLOPE PROTECTION".

DIMENSIONS: Dimensions are for a normal temperature of 60 degrees Fahrenheit. Layout dimensions are horizontal dimensions.

ABBREVIATIONS: The following abbreviations may have been used in the preparation of these plans:

Abut.	Abutment
Approx.	Approximate
bet.	Between
B.F.	Back Face
bot.	Bottom
Brg.	Bearing
Constr.	Construction
C.E.	Current Edition
Cl.	Center Line
Clr.	Clear
Dwg.	Drawing
ea.	Each
E.F.	Each Face
El.	Elevation
Embed.	Embedment
eq.	Equal
Ext.	Exterior
F.F.	Front Face
F.S.	Far Side
HW	High Water
I.D.	Inside Diameter
I.E.B.	Integral End Bent
KYTC	Kentucky Transportation Cabinet
max.	Maximum
O.D.	Outside Diameter
Perp.	Perpendicular
PGL	Profile Grade Line
PPC	Precast Prestressed Concrete
R	Radius
spa.	Spaces
Sta.	Station
Std.	Standard
Str.	Straight
s/w	Spaced with
Typ.	Typical

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	REVISION	DATE	PREPARED BY 	DATE: May, 2025 DESIGNED BY: R. Richardson Jr. DETAILED BY: R. Richardson Jr.	CHECKED BY A. Cole A. Cole	GENERAL NOTES		ROUTE KY 312	ITEM NO. 11-14.8	COUNTY OF WHITLEY	
						CROSSING 1-75			SHEET NO. S2	DRAWING NUMBER 25781	

SPECIFICATIONS: References to the Specifications, unless otherwise noted, are to the current edition of the Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction--including any current Supplemental Specifications. All references to the AASHTO Specifications are to the Ninth Edition of the AASHTO LRFD Bridge Design Specifications (2020).

DESIGN LOADS: This bridge is designed for 1.25*HL93 (KY-HL93) live load. Design also includes 16 PSF for stay-in-place form weight in order to allow the option for concrete filling the flutes/valleys. Contractor shall ensure form weight (including concrete in voids) does not exceed 16 PSF. Concrete in the valleys shall be considered incidental to the project. As an alternative, the Contractor may fill flutes with expanded or extruded polystyrene.

FUTURE WEARING SURFACE: This bridge is designed for a 15 PSF future wearing surface load with a 1.50 load factor at the Strength I limit state.

SEISMIC DESIGN: This bridge is designed for Seismic Performance Zone 1 based on a modified peak ground acceleration coefficient As = 0.200 and a modified response spectral acceleration coefficient SD1 = 0.150 assuming Site Class D.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Concrete: f'c = 3,500 psi
For Class "A" Modified Concrete f'c = 3,500 psi
For Class "AA" Concrete: f'c = 4,000 psi
For Steel Reinforcement: Fy = 60,000 psi
Fy = 50,000 psi
For prestressed beam design stresses see beam sheet

CONCRETE: Class "AA" Concrete shall be used in the superstructure deck, railing, pier diaphragms, median barrier transition, and portions of the abutments above the bearing seat. Class "A" Concrete shall be used in the pier columns and caps and in portions of the abutments below the bearing seat. Class "A" Modified concrete shall be used in the drilled shafts. Class "D" Modified concrete shall be used in the prestressed beams.

BONDED CONSTRUCTION JOINT: Where a bonded construction joint is called for in the plans, new concrete shall be bonded to previously placed (cured) concrete with a two-component epoxy resin system conforming to Sections 5.11 and 826 of the Specifications. The cost of this work is incidental to the unit bid price for the class concrete being placed.

CONSTRUCTION IDENTIFICATION: The names of the prime contractor and any sub-contractor shall be imprinted in the concrete in accordance with Standard Drawing BGX-006 (current edition) 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.

ELASTOMERIC BEARINGS: Elastomeric bearings shall conform to the AASHTO LRFD Bridge Construction Specifications, Section 18 and the AASHTO LRFD Bridge Design Specifications, Section 14. Bearings shall be low temperature Grade 3 with durometer hardness of 50 and shall be subjected to load testing requirements corresponding to Design Method A. Leveling pads at the integral end bents are unlaminated bearings cut or molded from Grade 3 elastomer with a hardness of 60 durometers. Leveling pads are not required to be load tested. The cost of all elastomeric bearing pads and shims are to be included in the unit price per linear foot for "PPC BOX BEAM SB33".

CONCRETE SEALING: Apply concrete sealer in accordance with the Special Note for Concrete Sealing. Note that concrete sealers may not be compatible with some concrete curing compounds.

Areas to Receive Concrete Sealer:

- Every exposed substructure surface above a point 6 inches below ground or fill line of abutments, wing walls, end bent and pier caps, pedestals, backwalls, columns, exposed footings, crashwall, and median transition barriers.
- All exposed surfaces of concrete deck and concrete barrier/rail.
- Concrete Beams: The underside surfaces of deck overhangs outside of exterior concrete beams and to the exterior side and bottom of exterior concrete beams.

BEVELED EDGES: All exposed concrete edges shall be beveled 3/4" unless otherwise shown.

SHOP DRAWINGS: Submit shop drawings that are required by the plans and specifications directly to the Engineer of Record via email (aaron.cole@hdrinc.com). If any changes in the design plans are proposed by a fabricator or supplier, submit those changes to the Consultant through the Contractor. Submit final, approved plans to KYTC Division of Maintenance in Frankfort.

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", 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 for purposes of bend diameters.

SPIRAL REINFORCEMENT IN COLUMNS: Lap splices of spirals, where desired by the contractor shall be made with a minimum of one and a half turns of spiral. Do not weld any rebar unless it is ASTM A706 rebar. Centralizing wheels, cage-stabilizing bars, and additional lap splices of spirals may be needed, but shall be considered incidental to the bid item for "STEEL REINFORCEMENT, EPOXY COATED" or the drilled shaft. Spiral reinforcement shall meet the requirements of subsection 811.02(c) of the Specifications.

Dimension "a" shown in the bill of reinforcement for spirals is the distance from top of footing or drilled shaft to bottom layer of reinforcement in the pier cap. The number of turns shown is the length divided by the pitch, plus 3 turns (total number of closed coils) expressed to the nearest whole number. One and one-half closed coils shall be provided at the ends of each spiral unit. Spacers shall be equally spaced along the periphery of the coil.

MECHANICAL REINFORCEMENT COUPLERS: Mechanical couplers are required where shown on the plans and at joints between construction phases. Mechanical couplers shall meet ASTM E466 or E606 requirements for fatigue and be in accordance with Section 602 of the Specifications and provide a mechanical tension splice equivalent to 125 percent of the specified yield strength of the bar being spliced. Where couplers are required, the bar length shown in the bill of reinforcement is the length measured from the center of the construction joint and no adjustment has been made for any reduction or increase in bar length that may be required for the mechanical coupler device. Any additional bar length required for the mechanical splice is to be incidental to the unit price bid for mechanical reinforcement couplers. The estimate of quantities includes the number of test specimens required by 602.03.06 of the Specifications.

ON-SITE INSPECTION: Each contractor submitting a bid shall make a thorough inspection of the project site and be thoroughly familiarized with existing conditions prior to submitting a bid. Submission of a bid will be considered evidence that a field investigation has been made. Original construction plans (Drawing No. 16847) and field survey were used to locate the existing bridges relative to the new bridges. Prior to construction, the contractor is responsible for verifying the location of the existing bridges and their proximity to the construction phases of the new structure. Any claims resulting from site conditions will not be honored by the Department of Highways.

STRUCTURE GRANULAR BACKFILL: Materials for Structure Granular Backfill shall be in accordance with Section 805 of the Specifications. Geotextile Fabric, Class 2 is incidental to the unit price bid for "STRUCTURE GRANULAR BACKFILL".

ARMORED EDGE: Fabricate armored edge to match cross slope and parabolic crown at each end of bridge.

SUPERSTRUCTURE DECK: The deck shall be poured continuously from beginning of bridge to end of bridge before the concrete is allowed to set. The deck pouring sequence may not be changed without the written approval of the designer. Prior to establishing continuity at the piers, the contractor shall ensure that the beams meet the minimum age requirements specified on the pouring sequence details. Stay-in-place metal forms are allowed. The thickness of deck shown on the plans shall be provided above the forms and above the precast beam.

FOUNDATION PREPARATION: Temporary shoring may be required to accommodate construction of the new end bents and piers. Temporary shoring, sheeting, and/or dewatering may also be required for the installation of the drilled shafts at the piers. Include the cost for these items and any excavation or other miscellaneous foundation work not already stated as incidental to another bid item in the lump sum bid for "FOUNDATION PREPARATION".

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.

FALL PROTECTION: Provide flooring for workers in situations where the danger from a fall are compounded by the traffic and for protection to the traffic. If temporary flooring is necessary in addition to deck forms, the flooring is to be designed using the sum of dead load and live vertical loads. Include 50 PSF of horizontal surfaces and the weight of any material or equipment that is placed or allowed to fall during construction or demolition in the live load computation. Submit flooring design along with the falsework design to the Engineer for approval. Extend temporary flooring across traffic lanes, ramps, and usable shoulders of highways and 8 (eight) feet beyond the outer rails of tracks for railways. Consider all phases of furnishing and removing the flooring as incidental to the Contract. This item may be considered in addition to any requirement set forth in subsection 107.01.01 of the Specifications.

No separate measurement or payment will be made for providing and subsequently removing temporary bridge flooring as this is considered incidental to the Contract. The requirement for temporary bridge flooring is waived when stay-in-place deck forms are used.

OVERHEAD UTILITIES: Contractor shall use extreme caution to avoid contact with existing overhead power lines and shall perform all work within the safe working distances established by the Utility Owner. This may require specialized construction methods during, but not limited to, foundation installation, pier construction, girder erection, and deck pours.

PREFORMED JOINT MATERIAL: All material shall be Type I sponge rubber and meet the requirements of AASHTO M153.

MASTIC TAPE: Apply Mastic Tape in accordance with BGX-022. Mastic Tape used to seal joints is to meet the requirements of ASTM C-877 Type I, II, or III. The joint is to be covered with 12-inch wide mastic tape. Prior to application, the joint surface shall be clean and free of dirt, debris, or deleterious material. Primer, if required by the tape manufacturer, shall be applied for a minimum width of nine inches on each side of the joint.

Mastic Tape shall be either:

EZ-WRAP RUBBER by PRESS-SEAL GASKET CORPORATION,
SEAL WRAP by MAR MAC MANUFACTURING CO. INC.,
CADILLOC by the UP RUBBER CO. INC.
or approved equal.

Mastic Tape shall cover the joint continuously unless otherwise shown in the plans. Mastic Tape shall be spliced by lapping a minimum of six inches and in accordance with the manufacturers recommendations with the overlap running downhill. All preformed expansion joint material, caulking, mastic tape, and equipment and labor necessary to complete the joints are incidental to the unit price bid for "CLASS "A" CONCRETE".

REMOVAL OF EXISTING STRUCTURE: The entirety of the existing structure shall be completely removed and properly disposed of. Backfill all holes in the ground completely with sand or pea gravel. Some existing bridge elements may be left in place so long as they are at least 3 feet below the finished surface, and the Engineer determines there is no adverse effect on the proposed bridge or highway elements. All labor and materials associated with removal of the existing structure shall be included in the lump sum bid for "REMOVE STRUCTURE" (See Roadway Plans for bid item).

SLOPE PROTECTION: Slope protection shall be utilized at the abutments. The slope protection shall meet the requirements of Sections 703.03.01 D and 805 of the Standard Specifications for Road and Bridge Construction, current edition. A Geotextile Fabric in accordance with Section 843 of the Standard Specifications for Road and Bridge Construction, current edition, shall be placed between the embankment and the slope protection. Any required excavation and all geotextile fabric shall be incidental to the unit price bid for "CRUSHED AGGREGATE SLOPE PROTECTION".

DIMENSIONS: Dimensions are for a normal temperature of 60 degrees Fahrenheit. Layout dimensions are horizontal dimensions.

ABBREVIATIONS: The following abbreviations may have been used in the preparation of these plans:

Abut.	Abutment
Approx.	Approximate
bet.	Between
B.F.	Back Face
bot.	Bottom
Brg.	Bearing
Constr.	Construction
C.E.	Current Edition
Cl.	Center Line
Clr.	Clear
Dwg.	Drawing
ea.	Each
E.F.	Each Face
El.	Elevation
Embed.	Embedment
eq.	Equal
Ext.	Exterior
F.F.	Front Face
F.S.	Far Side
HW	High Water
I.D.	Inside Diameter
I.E.B.	Integral End Bent
KYTC	Kentucky Transportation Cabinet
max.	Maximum
O.D.	Outside Diameter
Perp.	Perpendicular
PGL	Profile Grade Line
PPC	Precast Prestressed Concrete
R	Radius
spa.	Spaces
Sta.	Station
Std.	Standard
Str.	Straight
s/w	Spaced with
Typ.	Typical

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	TEAM KENTUCKY DESIGN-BUILD PARTNERS	REVISION	DATE	PREPARED BY HDR	DATE: May, 2025	CHECKED BY A. Cole	GENERAL NOTES	ROUTE KY 312	ITEM NO. 11-14.8	COUNTY OF WHITLEY	
										SHEET NO. S2	DRAWING NUMBER 25781
						DESIGNED BY: R. Richardson Jr.	A. Cole				
						DETAILED BY: R. Richardson Jr.	A. Cole				

TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

I-7-5

OVER KY 727

STA. 1403+01.80

INDEX OF SHEETS	
Sheet No.	Description
S1	Title Sheet
S2	General Notes
S3-S4	Bridge Layout
S5-S6	Construction Phasing
S7-S8	Subsurface Data
S9	Foundation Layout
S10	Drilled Shaft Details
S11-S18	End Bent #1
S19-S23	Pier #1
S24-S28	Pier #2
S29-S36	End Bent #2
S37	Framing Plan
S38	PPC Box Beam SB42x48
S39-S45	Superstructure
S46-S51	Construction Elevations
S52	Septa 043: Bearing Details
S53	Septa 042: Sheet 013: Concrete Barrier Wall Type 9T
S54	Septa 042: Sheet 014: Concrete Barrier Wall Type 9T
S55	Median Transition Barrier

SPECIAL NOTES
Special Note for Drilled Shafts
Special Note for Non-Destructive Testing of Drilled Shafts
Special Note for Concrete Sealing

SPECIAL PROVISIONS
69 Embankment at Bridge End Bent Structures

STANDARD DRAWINGS	
BJE-001-14	Armored Edges
BBP-001-12	Elastomeric Bearing Pads for Prestressed Beams
BGX-012-02	Geotechnical Legend
BGX-006-10	Stencils for Structures
BGX-015-04	Bridge Drains
BGX-022	Joint Waterproofing
BHS-010	Railing System 40 Inch Single Slope
BPS-003-09	HP12x53 Steel Pile
BGX-100-07	Treatment of Embankments at End Bents
RGX-105-09	Treatment of Embankments at End Bents - Details

[illegible]

SPECIFICATIONS
2019 Standard Specifications for Road and Bridge Construction.

AASHTO LRFD Bridge Design Specifications, 9th Ed

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	 TEAM KENTUCKY TOGETHER WE MOVE FORWARD		REVISION		DATE	PREPARED BY	DATE: May, 2025		CHECKED BY	ROUTE		ITEM NO.	COUNTY OF	
							DESIGNED BY: W. Hagerman		A. Cole	CROSSING KY 727	I-75	11-14.8	WHITLEY	
							DETAILED BY: L. Decker		A. Cole				DRAWING NUMBER	
													28919	

ESTIMATE OF QUANTITIES																											
BID ITEM CODE		08100	08104	08151	08150	08141	08020	02231	122417EN	207433ED	20637ED	20746ED	20745ED	21321NC	08046	08033	08094	08003	02998	23378EC	02403	08672	25028ED	03299	122880ED	26233EC	
BID ITEM	UNIT	Concrete Class "A"	Concrete Class "AA"	Steel Reinforcement, Epoxy Coated	Steel Reinforcement	Mechanical Reinf Coupler #6 Epoxy Coated	Crushed Aggregate Slope Protection	Structure Granular Backfill	54 Inch Drilled Shaft, Common	54 Inch Drilled Shaft, Solid Rock	48 Inch Drilled Shaft, Solid Rock	Rock Coring	Rock Sounding	CSL Testing (4 Tubes)	Piles - Steel HP 12 x 53	Test Piles	Pile Points 12"	Foundation Preparation	Masonry Coating	Concrete Sealing	Remove Concrete Masonry	Precast PC Box Beam SB42	Rail System Single Slope 40°	Armored Edge for Concrete	Barrier Wall Transition	Mobilization for Concrete Treatment	
		C.Y.	C.Y.	LBS.	LBS.	EACH	TONS	C.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH	L.F.	L.F.	EACH	LS	S.Y.	S.F.	C.Y.	L.F.	L.F.	L.F.	L.F.	L.S.	
		61.4		312	3169		667	316								199	23	8		29		27.6					
		82.7		11046					22		16	16	43.0	25.8	2					251							
		82.8		11189					42		16	16	43.0	41.9	2					258							
		62.6		705	3544		587	331								449	45	8		29		28.4					
Northbound Bridge																											
Superstructure			492.9	148241		816																1412.2	435	165.0	35.0		
Southbound Bridge	End Bent #1	70.3		891	3982		762	317							182	21	8		24		30.0						
	Pier #1	91.2		11760					24	10	16	43.0	27.1	2					269								
	Pier #2	92.1		11832					44		16	43.0	43.2	2					281								
	End Bent #2	66.5		356	3498		671	331							434	44	8		24		30.8						
Superstructure			535.3	162646		896																					
BRIDGE TOTALS		609.6	1028.2	358978	14193	1712	2687	1295	132	10	64	172.0	138.0	8	1264	133	32	1	1165	41069	116.8	2964.4	890	330.0	70.0	1	

PLANS PREPARED BY
HDR ENGINEERING, INC.

STATE OF KENTUCKY
WESLEY W.
HAGERMAN
*26093
PROFESSIONAL ENGINEER

Wesley W. Hagerman
July 10, 2025

WESLEY W. HAGERMAN, PE
KY NO. 26093

TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

1-7-5

OVER KY 727

STA. 1403+01.80

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TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

KY 1259 (BARTON MILL ROAD)

OVER I-75

STA. 50+00.00

[illegible]

TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

WHITLEY COUNTY

KY 1259 (BARTON MILL ROAD)

OVER I-75

STA. 50+00.00

[illegible][illegible]

SPECIFICATIONS: References to the Specifications, unless otherwise noted, are to the current edition of the Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction--including any current Supplemental Specifications. All references to the AASHTO Specifications are to the Ninth Edition of the AASHTO LRFD Bridge Design Specifications (2020).

DESIGN LOADS: This bridge is designed for 1.25*HL93 (KY-HL93) live load. Design also includes 16 PSF for stay-in-place form weight in order to allow the option for concrete filling the flutes/valleys. Contractor shall ensure form weight (including concrete in voids) does not exceed 16 PSF. Concrete in the valleys shall be considered incidental to the project. As an alternative, the Contractor may fill flutes with expanded or extruded polystyrene.

FUTURE WEARING SURFACE: This bridge is designed for a 15 PSF future wearing surface load with a 1.50 load factor at the Strength I limit state.

SEISMIC DESIGN: This bridge is designed for Seismic Performance Zone 1 based on a modified peak ground acceleration coefficient As = 0.200 and a modified response spectral acceleration coefficient SD1 = 0.150 assuming Site Class D.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Concrete: f'c = 3,500 psi
For Class "A" Modified Concrete f'c = 3,500 psi
For Class "AA" Concrete: f'c = 4,000 psi
For Steel Reinforcement: Fy = 60,000 psi
For Steel Piling: Fy = 50,000 psi
For prestressed beam design stresses see beam sheet

CONCRETE: Class "AA" Concrete shall be used in the superstructure deck; railing, pier diaphragms, median transition barrier, and portions of the end bents above the bearing seat. Class "A" Concrete shall be used in the pier columns and caps and in portions of the end bents below the bearing seat. Class "A" Modified concrete shall be used in the drilled shafts. Class "D" Modified concrete shall be used in the prestressed beams.

BONDED CONSTRUCTION JOINT: Where a bonded construction joint is called for in the plans, new concrete shall be bonded to previously placed (cured) concrete with a two-component epoxy resin system conforming to Sections 511 and 826 of the Specifications. The cost of this work is incidental to the unit bid price for the class concrete being placed.

CONSTRUCTION IDENTIFICATION: The names of the prime contractor and any sub-contractor shall be imprinted in the concrete in accordance with Standard Drawing BGX-006 (current edition) 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.

ELASTOMERIC BEARINGS: Elastomeric bearings shall conform to the AASHTO LRFD Bridge Construction Specifications, Section 18 and the AASTHO LRFD Bridge Design Specifications, Section 14. Bearings shall be low temperature Grade 3 with durometer hardness of 50 and shall be subjected to load testing requirements corresponding to Design Method A. Leveling pads at the integral end bents are unlaminated bearings cut or molded from Grade 3 elastomer with a hardness of 60 durometers. Leveling pads are not required to be load tested. The cost of all elastomeric bearing pads and shims are to be included in the unit price per linear foot for "PPC BOX BEAM SB33".

CONCRETE SEALING: Apply concrete sealer in accordance with the Special Note for Concrete Sealing. Note that concrete sealers may not be compatible with some concrete curing compounds.

Areas to Receive Concrete Sealer:

- Every exposed substructure surface above a point 6 inches below ground or fill line of abutments, wing walls, end bent and pier caps, pedestals, backwalls, columns, exposed footings, crashwall, and median transition barriers.
- All exposed surfaces of concrete deck and concrete barrier/rail.
- Concrete Beams: The underneath surfaces of deck overhangs outside of exterior concrete beams and to the exterior side and bottom of exterior concrete beams.

BEVELED EDGES: All exposed concrete edges shall be beveled ¾" unless otherwise shown.

SHOP DRAWINGS: Submit shop drawings that are required by the plans and specifications directly to the Engineer of Record via email (aaron.cole@hdrinc.com). If any changes in the design plans are proposed by a fabricator or supplier, submit those changes to the Consultant through the Contractor. Submit final, approved plans to KYTC Division of Maintenance in Frankfort.

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", 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 for purposes of bend diameters.

SPIRAL REINFORCEMENT IN COLUMNS: Lap splices of spirals, where desired by the contractor shall be made with a minimum of one and a half turns of spiral. Do not weld any rebar unless it is ASTM A706 rebar. Centralizing wheels, cage-stabilizing bars, and additional lap splices of spirals may be needed, but shall be considered incidental to the bid item for "STEEL REINFORCEMENT, EPOXY COATED" or the Drilled Shaft. Spiral reinforcement shall meet the requirements of subsection 811.02(C) of the Specifications.

Dimension "a" shown in the bill of reinforcement for spirals is the distance from top of footing or drilled shaft to bottom layer of reinforcement in the pier cap. The number of turns shown is the length divided by the pitch, plus 3 turns (total number of closed coils) expressed to the nearest whole number. One and one-half closed coils shall be provided at the ends of each spiral unit. Spacers shall be equally spaced along the periphery of the coil.

ON-SITE INSPECTION: Each contractor submitting a bid shall make a thorough inspection of the project site and be thoroughly familiarized with existing conditions prior to submitting a bid. Submission of a bid will be considered evidence that a field investigation has been made. Any claims resulting from site conditions will not be honored by the Department of Highways.

STRUCTURE GRANULAR BACKFILL: Integral end bents are to be backfilled with structure granular backfill in accordance with Special Provision 69 and Standard Drawings RGX-100 and RGX-105 (current editions). All labor and materials associated with geotextile fabric and excavation for installation of this material will be considered incidental to the unit price bid for "STRUCTURE GRANULAR BACKFILL".

ARMORED EDGE: Fabricate armored edge to match cross slope and parabolic crown at each end of bridge.

SUPERSTRUCTURE DECK: The deck shall be poured continuously from beginning of bridge to end of bridge before the concrete is allowed to set. The deck pouring sequence may not be changed without the written approval of the designer. Prior to establishing continuity at the piers, the contractor shall ensure that the beams meet the minimum age requirements specified on the pouring sequence details. Stay-in-place metal forms are allowed. The thickness of deck shown on the plans shall be provided above the forms and above the precast beam.

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.

FALL PROTECTION: Provide flooring for workers in situations where the danger from a fall are compounded by the traffic and for protection to the traffic. If temporary flooring is necessary in addition to slab forms, the flooring is to be designed using the sum of dead load and live vertical loads.

Include 50 PSF of horizontal surfaces and the weight of any material or equipment that is placed or allowed to fall during construction or demolition in the live load computation. Submit flooring design along with the falsework design to the Engineer for approval. Extend temporary flooring across traffic lanes, ramps, and usable shoulders of highways and 8 (eight) feet beyond the outer rails of tracks for railways. Consider all phases of furnishing and removing the flooring as incidental to the Contract. This item may be considered in addition to any requirement set forth in subsection 107.01.01 of the Specifications.

No separate measurement or payment will be made for providing and subsequently removing temporary bridge flooring as this is considered incidental to the Contract. The requirement for temporary bridge flooring is waived when stay-in-place deck forms are used.

OVERHEAD UTILITIES: Contractor shall use extreme caution to avoid contact with existing overhead power lines and shall perform all work within the safe working distances established by the Utility Owner. This may require specialized construction methods during, but not limited to, foundation installation, pier construction, girder erection, and deck pours.

FOUNDATION PREPARATION: Temporary shoring may be required to accommodate construction of the new end bents and piers. Temporary shoring, sheeting, and/or dewatering may also be required for the installation of the drilled shafts at the piers. Include the cost for these items and any excavation or other miscellaneous foundation work not already stated as incidental to another bid item in the lump sum bid for "FOUNDATION PREPARATION".

PERFORMED JOINT MATERIAL: All material shall be Type I sponge rubber and meet the requirements of AASHTO M153.

REMOVAL OF EXISTING STRUCTURE: The entirety of the existing structure shall be completely removed and properly disposed of. Backfill all holes in the ground completely with sand or pea gravel. Some existing bridge elements may be left in place so long as they are at least 3 feet below the finished surface, and the Engineer determines there is no adverse effect on the proposed bridge or highway elements. All labor and materials associated with removal of the existing structure shall be included in the lump sum bid for "REMOVE STRUCTURE" (See Roadway Plans for bid item).

SLOPE PROTECTION: Slope protection shall be utilized at the end bents. The slope protection shall meet the requirements of Sections 703.03.01 D and 805 of the Standard Specifications for Road and Bridge Construction, current edition. A Geotextile Fabric in accordance with Section 843 of the Standard Specifications for Road and Bridge Construction, current edition, shall be placed between the embankment and the slope protection. Any required excavation and all geotextile fabric shall be incidental to the unit price bid for "CRUSHED AGGREGATE SLOPE PROTECTION."

DIMENSIONS: Dimensions are for a normal temperature of 60 degrees Fahrenheit. Layout dimensions are horizontal dimensions.

PILING: Piles shall be driven to practical refusal as defined on the Foundation Layout Sheet. Test piles shall be driven where designated on the plans to determine the length of pile required. All test piles shall be accurately located so that they may be used in the finished structure.

ABBREVIATIONS: The following abbreviations may have been used in the preparation of these plans:

Approx.	Approximate
bet.	Between
B.F.	Back Face
bot.	Bottom
Brg.	Bearing
Constr.	Construction
C.E.	Current Edition
CL	Center Line
Clr.	Clear
Dwg.	Drawing
ea.	Each
E.F.	Each Face
El.	Elevation
Embed.	Embedment
eq.	equal
Ext.	Exterior
F.F.	Front Face
f.s.	Far Side
HW	High Water
I.D.	Inside Diameter
I.E.B	Integral End Bent
KYTC	Kentucky Transportation Cabinet
max.	Maximum
O.D.	Outside Diameter
Perp.	Perpendicular
PGL	Profile Grade Line
PPC	Precast Prestressed Concrete
R	Radius
spa.	Spaces
Sta.	Station
Std.	Standard
Str.	Straight
s/w	spaced with
Typ.	Typical

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS TEAM KENTUCKY TRANSPORTATION	REVISION		DATE	PREPARED BY 	DATE: June, 2025	CHECKED BY	GENERAL NOTES		ROUTE	ITEM NO.	COUNTY OF
			DESIGNED BY: R. Richardson Jr.		A. Cole	11-14.8				WHITLEY	
			DETAILED BY: R. Richardson Jr.		A. Cole	CROSSING		KY 1259	SHEET NO.	DRAWING NUMBER	
					1-75	S2	28920				

SPECIFICATIONS: References to the Specifications, unless otherwise noted, are to the current edition of the Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction--including any current Supplemental Specifications. All references to the AASHTO Specifications are to the Ninth Edition of the AASHTO LRFD Bridge Design Specifications (2020).

DESIGN LOADS: This bridge is designed for 1.25*HL93 (KY-HL93) live load. Design also includes 16 PSF for stay-in-place form weight in order to allow the option for concrete filling the flutes/valleys. Contractor shall ensure form weight (including concrete in voids) does not exceed 16 PSF. Concrete in the valleys shall be considered incidental to the project. As an alternative, the Contractor may fill flutes with expanded or extruded polystyrene.

FUTURE WEARING SURFACE: This bridge is designed for a 15 PSF future wearing surface load with a 1.50 load factor at the Strength I limit state.

SEISMIC DESIGN: This bridge is designed for Seismic Performance Zone 1 based on a modified peak ground acceleration coefficient As = 0.200 and a modified response spectral acceleration coefficient SD1 = 0.150 assuming Site Class D.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Concrete: f'c = 3,500 psi
For Class "A" Modified Concrete f'c = 3,500 psi
For Class "AA" Concrete: f'c = 4,000 psi
For Steel Reinforcement: Fy = 60,000 psi
For Steel Piling: Fy = 50,000 psi

For prestressed beam design stresses see beam sheet

CONCRETE: Class "AA" Concrete shall be used in the superstructure deck; railing, pier diaphragms, median transition barrier, and portions of the end bents above the bearing seat. Class "A" Concrete shall be used in the pier columns and caps and in portions of the end bents below the bearing seat. Class "A" Modified concrete shall be used in the drilled shafts. Class "D" Modified concrete shall be used in the prestressed beams.

BONDED CONSTRUCTION JOINT: Where a bonded construction joint is called for in the plans, new concrete shall be bonded to previously placed (cured) concrete with a two-component epoxy resin system conforming to Sections 511 and 826 of the Specifications. The cost of this work is incidental to the unit bid price for the class concrete being placed.

CONSTRUCTION IDENTIFICATION: The names of the prime contractor and any sub-contractor shall be imprinted in the concrete in accordance with Standard Drawing BGX-006 (current edition) 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.

ELASTOMERIC BEARINGS: Elastomeric bearings shall conform to the AASHTO LRFD Bridge Construction Specifications, Section 18 and the AASTHO LRFD Bridge Design Specifications, Section 14. Bearings shall be low temperature Grade 3 with durometer hardness of 50 and shall be subjected to load testing requirements corresponding to Design Method A. Leveling pads at the integral end bents are unlaminated bearings cut or molded from Grade 3 elastomer with a hardness of 60 durometers. Leveling pads are not required to be load tested. The cost of all elastomeric bearing pads and shims are to be included in the unit price per linear foot for "PPC BOX BEAM SB33".

CONCRETE SEALING: Apply concrete sealer in accordance with the Special Note for Concrete Sealing. Note that concrete sealers may not be compatible with some concrete curing compounds.

Areas to Receive Concrete Sealer:

- Every exposed substructure surface above a point 6 inches below ground or fill line of abutments, wing walls, end bent and pier caps, pedestals, backwalls, columns, exposed footings, crashwall, and median transition barriers.
- All exposed surfaces of concrete deck and concrete barrier/rail.
- Concrete Beams: The underneath surfaces of deck overhangs outside of exterior concrete beams and to the exterior side and bottom of exterior concrete beams.

BEVELED EDGES: All exposed concrete edges shall be beveled ¾" unless otherwise shown.

SHOP DRAWINGS: Submit shop drawings that are required by the plans and specifications directly to the Engineer of Record via email (aaron.cole@hdrinc.com). If any changes in the design plans are proposed by a fabricator or supplier, submit those changes to the Consultant through the Contractor. Submit final, approved plans to KYTC Division of Maintenance in Frankfort.

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", 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 for purposes of bend diameters.

SPIRAL REINFORCEMENT IN COLUMNS: Lap splices of spirals, where desired by the contractor shall be made with a minimum of one and a half turns of spiral. Do not weld any rebar unless it is ASTM A706 rebar. Centralizing wheels, cage-stabilizing bars, and additional lap splices of spirals may be needed, but shall be considered incidental to the bid item for "STEEL REINFORCEMENT, EPOXY COATED" or the Drilled Shaft. Spiral reinforcement shall meet the requirements of subsection 811.02(C) of the Specifications.

Dimension "a" shown in the bill of reinforcement for spirals is the distance from top of footing or drilled shaft to bottom layer of reinforcement in the pier cap. The number of turns shown is the length divided by the pitch, plus 3 turns (total number of closed coils) expressed to the nearest whole number. One and one-half closed coils shall be provided at the ends of each spiral unit. Spacers shall be equally spaced along the periphery of the coil.

ON-SITE INSPECTION: Each contractor submitting a bid shall make a thorough inspection of the project site and be thoroughly familiarized with existing conditions prior to submitting a bid. Submission of a bid will be considered evidence that a field investigation has been made. Any claims resulting from site conditions will not be honored by the Department of Highways.

STRUCTURE GRANULAR BACKFILL: Integral end bents are to be backfilled with structure granular backfill in accordance with Special Provision 69 and Standard Drawings RGX-100 and RGX-105 (current editions). All labor and materials associated with geotextile fabric and excavation for installation of this material will be considered incidental to the unit price bid for "STRUCTURE GRANULAR BACKFILL".

ARMORED EDGE: Fabricate armored edge to match cross slope and parabolic crown at each end of bridge.

SUPERSTRUCTURE DECK: The deck shall be poured continuously from beginning of bridge to end of bridge before the concrete is allowed to set. The deck pouring sequence may not be changed without the written approval of the designer. Prior to establishing continuity at the piers, the contractor shall ensure that the beams meet the minimum age requirements specified on the pouring sequence details. Stay-in-place metal forms are allowed. The thickness of deck shown on the plans shall be provided above the forms and above the precast beam.

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.

FALL PROTECTION: Provide flooring for workers in situations where the danger from a fall are compounded by the traffic and for protection to the traffic. If temporary flooring is necessary in addition to slab forms, the flooring is to be designed using the sum of dead load and live vertical loads.

Include 50 PSF of horizontal surfaces and the weight of any material or equipment that is placed or allowed to fall during construction or demolition in the live load computation. Submit flooring design along with the falsework design to the Engineer for approval. Extend temporary flooring across traffic lanes, ramps, and usable shoulders of highways and 8 (eight) feet beyond the outer rails of tracks for railways. Consider all phases of furnishing and removing the flooring as incidental to the Contract. This item may be considered in addition to any requirement set forth in subsection 107.01.01 of the Specifications.

No separate measurement or payment will be made for providing and subsequently removing temporary bridge flooring as this is considered incidental to the Contract. The requirement for temporary bridge flooring is waived when stay-in-place deck forms are used.

OVERHEAD UTILITIES: Contractor shall use extreme caution to avoid contact with existing overhead power lines and shall perform all work within the safe working distances established by the Utility Owner. This may require specialized construction methods during, but not limited to, foundation installation, pier construction, girder erection, and deck pours.

FOUNDATION PREPARATION: Temporary shoring may be required to accommodate construction of the new end bents and piers. Temporary shoring, sheeting, and/or dewatering may also be required for the installation of the drilled shafts at the piers. Include the cost for these items and any excavation or other miscellaneous foundation work not already stated as incidental to another bid item in the lump sum bid for "FOUNDATION PREPARATION".

PERFORMED JOINT MATERIAL: All material shall be Type I sponge rubber and meet the requirements of AASHTO M153.

REMOVAL OF EXISTING STRUCTURE: The entirety of the existing structure shall be completely removed and properly disposed of. Backfill all holes in the ground completely with sand or pea gravel. Some existing bridge elements may be left in place so long as they are at least 3 feet below the finished surface, and the Engineer determines there is no adverse effect on the proposed bridge or highway elements. All labor and materials associated with removal of the existing structure shall be included in the lump sum bid for "REMOVE STRUCTURE" (See Roadway Plans for bid item).

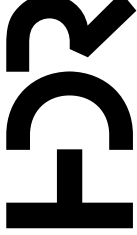
SLOPE PROTECTION: Slope protection shall be utilized at the end bents. The slope protection shall meet the requirements of Sections 703.03.01 D and 805 of the Standard Specifications for Road and Bridge Construction, current edition. A Geotextile Fabric in accordance with Section 843 of the Standard Specifications for Road and Bridge Construction, current edition, shall be placed between the embankment and the slope protection. Any required excavation and all geotextile fabric shall be incidental to the unit price bid for "CRUSHED AGGREGATE SLOPE PROTECTION."

DIMENSIONS: Dimensions are for a normal temperature of 60 degrees Fahrenheit. Layout dimensions are horizontal dimensions.

PILING: Piles shall be driven to practical refusal as defined on the Foundation Layout Sheet. Test piles shall be driven where designated on the plans to determine the length of pile required. All test piles shall be accurately located so that they may be used in the finished structure.

ABBREVIATIONS: The following abbreviations may have been used in the preparation of these plans:

Approx.	Approximate
bet.	Between
B.F.	Back Face
bot.	Bottom
Brg.	Bearing
Constr.	Construction
C.E.	Current Edition
CL	Center Line
Clr.	Clear
Dwg.	Drawing
ea.	Each
E.F.	Each Face
El.	Elevation
Embed.	Embedment
eq.	equal
Ext.	Exterior
F.F.	Front Face
f.s.	Far Side
HW	High Water
I.D.	Inside Diameter
I.E.B	Integral End Bent
KYTC	Kentucky Transportation Cabinet
max.	Maximum
O.D.	Outside Diameter
Perp.	Perpendicular
PGL	Profile Grade Line
PPC	Precast Prestressed Concrete
R	Radius
spa.	Spaces
Sta.	Station
Std.	Standard
Str.	Straight
s/w	spaced with
Typ.	Typical

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	REVISION UPDATED QUANTITIES	DATE 07/10/2025	PREPARED BY 	DATE: June, 2025 DESIGNED BY: R. Richardson Jr. DETAILED BY: R. Richardson Jr.	CHECKED BY A. Cole	GENERAL NOTES		ROUTE	ITEM NO.	COUNTY OF
						CROSSING 1-75		KY 1259	11-14.8 SHEET NO.	WHITLEY DRAWING NUMBER 28920

TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

LAUREL COUNTY

1-7-5

OVER US 25E

STA. 1559+11.83

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SPECIAL NOTES		
Special Note for Drilled Shafts		
Special Note for Non-Destructive Testing of Drilled Shafts		
Special Note for Concrete Sealing		

[illegible][illegible]

PLANS PREPARED BY
HDR ENGINEERING, INC.

STATE OF KENTUCKY
MACY LUKAS PURCELL
36344
PROFESSIONAL ENGINEER
No. 36344

Macy Lukas Purcell
July 10, 2025

MACY LUKAS PURCELL, PE
KY NO. 36344

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	 TEAM KENTUCKY TOGETHER WE MOVE FORWARD	REVISION	DATE	PREPARED BY 	DATE: March, 2025	CHECKED BY	TITLE SHEET CROSSING US 25E	ROUTE	ITEM NO.	COUNTY OF		
		UPDATED QUANTITIES	07/10/2025			DESIGNED BY: L. Decker			M. Purcell	11-14.8	LAUREL	
						DETAILED BY: L. Decker				M. Purcell	SHEET NO.	DRAWING NUMBER
											S1	28921