



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

May 15, 2025

CALL NO. 200
CONTRACT ID NO. 251011
ADDENDUM # 2

Subject: Jefferson County, 056GR25D011
Letting May 22, 2025

- (1) Revised - Material Summary Sheet - Pages 388-397 of 485
- (2) Revised - Proposal Bid Items - Pages 474-485 of 485
- (3) Revised Plan Sheets - S01 & S02

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

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

Sincerely,

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

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

RM:mr
Enclosures

MATERIAL SUMMARY

CONTRACT ID: 251011

056GR25D011

DE05602642507

I-264 ASPHALT RESURFACING ON I-264 FROM MP 20.590 TO MP 21.280 EB. & MP. 20.560 TO MP 21.020 WB & MP. 22.590 TO MP 22.890 WB ASPHALT RESURFACING, A DISTANCE OF 2.33 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00100	ASPHALT SEAL AGGREGATE	45.00	TON
0010	00103	ASPHALT SEAL COAT	5.00	TON
0015	00194	LEVELING & WEDGING PG76-22	288.00	TON
0020	00210	CL4 ASPH BASE 1.50D PG76-22	7,656.00	TON
0025	00342	CL4 ASPH SURF 0.38A PG76-22	5,772.00	TON
0030	02677	ASPHALT PAVE MILLING & TEXTURING	13,428.00	TON
0035	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	49.00	TON
0040	02585	EDGE KEY	38.00	LF
0045	02650	MAINTAIN & CONTROL TRAFFIC - I-264	1.00	LS
0050	02676	MOBILIZATION FOR MILL & TEXT - I-264	1.00	LS
0055	02726	STAKING - I-264	1.00	LS
0060	06511	PAVE STRIPING-TEMP PAINT-6 IN	10,000.00	LF
0065	06542	PAVE STRIPING-THERMO-6 IN W	4,977.00	LF
0070	06543	PAVE STRIPING-THERMO-6 IN Y	11,034.00	LF
0075	06546	PAVE STRIPING-THERMO-12 IN W	4,502.00	LF
0080	06565	PAVE MARKING-THERMO X-WALK-6 IN	584.00	LF
0085	06568	PAVE MARKING-THERMO STOP BAR-24IN	116.00	LF
0090	06574	PAVE MARKING-THERMO CURV ARROW	30.00	EACH
0095	06575	PAVE MARKING-THERMO COMB ARROW	2.00	EACH
0100	06575	PAVE MARKING-THERMO COMB ARROW	2.00	EACH
0105	06600	REMOVE PAVEMENT MARKER TYPE V	370.00	EACH
0110	06613	INLAID PAVEMENT MARKER-B W/R	326.00	EACH
0115	06614	INLAID PAVEMENT MARKER-B Y/R	44.00	EACH
0120	20071EC	JOINT ADHESIVE	35,800.00	LF
0125	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	62.00	LF
0130	23261EC	PAVE MARK-THERMO-X-WALK-24 IN	100.00	LF
0135	23607EC	PAVE MARK THERMO-LANE REDUCTION ARROW	5.00	EACH
0140	24679ED	PAVE MARK THERMO CHEVRON	900.00	SQFT
0145	24689EC	PAVE MARK THERMO-WRONG WAY ARROW	7.00	EACH
0150	24899EC	PAVE MARKING-THERMO ELONG ROUTE SHIELD	8.00	EACH
0155	26146ES717	PAVE MARK TY 1 TAPE LANE REDUCTION ARROW	1.00	EACH
0160	26240EC	PAVE STRIPE-WET REF CONT TAPE-6 IN W	1,424.00	LF
0165	26241EC	PAVE STRIPE-WET REF CONT TAPE-6 IN Y	712.00	LF
0170	03299	ARMORED EDGE FOR CONCRETE	256.00	LF
0175	08472	EXPANSION DAM-4 IN NEOPRENE	256.00	LF
0180	02568	MOBILIZATION	1.00	LS

CONTRACT ID: 251011

056GR25D011

DE05602642512

I 264 / US 42 INTERCHANGE RECONSTRUCT/WIDEN I-264 (WATTERSON EXPRESSWAY) FROM WESTPORT ROAD (KY-1447) TO I-71, INCLUDING THE US-42 INTERCHANGE GRADE DRAIN & SURFACE WITH BRIDGE, A DISTANCE OF 3.65

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0185	00003	CRUSHED STONE BASE	67,098.00	TON
0190	00018	DRAINAGE BLANKET-TYPE II-ASPH	21,166.00	TON
0195	00100	ASPHALT SEAL AGGREGATE	243.00	TON
0200	00103	ASPHALT SEAL COAT	29.00	TON
0205	00190	LEVELING & WEDGING PG64-22	16,035.00	TON
0210	00212	CL2 ASPH BASE 1.00D PG64-22	1,462.00	TON
0215	00214	CL3 ASPH BASE 1.00D PG64-22	6,563.00	TON
0220	00216	CL3 ASPH BASE 1.00D PG76-22	2,971.00	TON
0225	00217	CL4 ASPH BASE 1.00D PG64-22	41,716.00	TON
0230	00219	CL4 ASPH BASE 1.00D PG76-22	15,602.00	TON
0235	00296	ASPHALT PRIME COAT	67.00	TON
0240	00301	CL2 ASPH SURF 0.38D PG64-22	768.00	TON
0245	00336	CL3 ASPH SURF 0.38A PG76-22	2,099.00	TON
0250	00342	CL4 ASPH SURF 0.38A PG76-22	14,456.00	TON
0255	02084	JPC PAVEMENT-8 IN	102.00	SQYD
0260	02101	CEM CONC ENT PAVEMENT-8 IN	68.00	SQYD
0265	02677	ASPHALT PAVE MILLING & TEXTURING	1,618.00	TON
0270	22906ES403	CL3 ASPH SURF 0.38A PG64-22	896.00	TON
0275	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	101.00	TON
0280	00078	CRUSHED AGGREGATE SIZE NO 2	5,782.00	TON
0285	01314	PLUG PIPE	12.00	EACH
0290	01584	CAP DROP BOX INLET	3.00	EACH
0295	01691	FLUME INLET TYPE 2	2.00	EACH
0300	01717	FILL AND CAP INLET	12.00	EACH
0305	01786	FILL AND CAP MANHOLE	1.00	EACH
0310	01791	ADJUST MANHOLE FRAME TO GRADE	2.00	EACH
0315	01792	ADJUST MANHOLE	2.00	EACH
0320	01810	STANDARD CURB AND GUTTER	2,365.00	LF
0325	01811	STANDARD CURB AND GUTTER MOD	5,018.00	LF
0330	01875	STANDARD HEADER CURB	703.00	LF
0335	01917	STANDARD BARRIER MEDIAN TYPE 2	984.00	SQYD
0340	01921	STANDARD BARRIER MEDIAN TYPE 4	126.00	SQYD
0345	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN	5,529.00	LF
0350	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	78.00	EACH
0355	01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	129.00	EACH
0360	02003	RELOCATE TEMP CONC BARRIER	19,527.00	LF
0365	02014	BARRICADE-TYPE III	138.00	EACH
0370	02155	PAVED DITCH TYPE 1 MOD	424.00	SQYD
0375	02159	TEMP DITCH	15,175.00	LF
0380	02160	CLEAN TEMP DITCH	7,588.00	LF
0385	02200	ROADWAY EXCAVATION	183,650.00	CUYD
0390	02242	WATER	3,275.00	MGAL
0395	02262	FENCE-WOVEN WIRE TYPE 1	4,254.00	LF
0400	02359	GUARDRAIL CONNECTOR TO CONC MED BARR	1.00	EACH
0405	02367	GUARDRAIL END TREATMENT TYPE 1	8.00	EACH
0410	02369	GUARDRAIL END TREATMENT TYPE 2A	13.00	EACH
0415	02381	REMOVE GUARDRAIL	13,956.00	LF
0420	02391	GUARDRAIL END TREATMENT TYPE 4A	4.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0425	02429	RIGHT-OF-WAY MONUMENT TYPE 1	25.00	EACH
0430	02430	RIGHT-OF-WAY MONUMENT TYPE 1A	7.00	EACH
0435	02432	WITNESS POST	3.00	EACH
0440	02483	CHANNEL LINING CLASS II	6,220.00	TON
0445	02484	CHANNEL LINING CLASS III	2,187.00	TON
0450	02545	CLEARING AND GRUBBING - 57.9 ACRES	1.00	LS
0455	02555	CONCRETE-CLASS B	75.25	CUYD
0460	02562	TEMPORARY SIGNS	3,950.00	SQFT
0465	02585	EDGE KEY	540.00	LF
0470	02602	FABRIC-GEOTEXTILE CLASS 1	19,174.00	SQYD
0475	02604	FABRIC-GEOTEXTILE CLASS 1A	7,500.00	SQYD
0480	02650	MAINTAIN & CONTROL TRAFFIC - I-264/US-42 INTERCHANGE	1.00	LS
0485	02671	PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH
0490	02676	MOBILIZATION FOR MILL & TEXT - I-264/US-42 INTERCHANGE	1.00	LS
0495	02690	SAFELOADING	168.00	CUYD
0500	02701	TEMP SILT FENCE	15,175.00	LF
0505	02703	SILT TRAP TYPE A	101.00	EACH
0510	02704	SILT TRAP TYPE B	101.00	EACH
0515	02705	SILT TRAP TYPE C	101.00	EACH
0520	02706	CLEAN SILT TRAP TYPE A	101.00	EACH
0525	02707	CLEAN SILT TRAP TYPE B	101.00	EACH
0530	02708	CLEAN SILT TRAP TYPE C	101.00	EACH
0535	02720	SIDEWALK-4 IN CONCRETE	1,860.00	SQYD
0540	02723	SIDEWALK-6 IN CONCRETE	2,381.00	SQYD
0545	02726	STAKING - I-264/US-42 INTERCHANGE	1.00	LS
0550	02731	REMOVE STRUCTURE - REMOVAL OF EXISTING I-71 RAMP BRIDGE	1.00	LS
0555	02731	REMOVE STRUCTURE - REMOVAL OF EXISTING US 42 BRIDGE OVER I-264	1.00	LS
0560	02775	ARROW PANEL	19.00	EACH
0565	02898	RELOCATE CRASH CUSHION	4.00	EACH
0570	03171	CONC BARRIER WALL TYPE 9T	24,045.00	LF
0575	05950	EROSION CONTROL BLANKET	41,167.00	SQYD
0580	05952	TEMP MULCH	332,440.00	SQYD
0585	05953	TEMP SEEDING AND PROTECTION	254,120.00	SQYD
0590	05963	INITIAL FERTILIZER	12.75	TON
0595	05964	MAINTENANCE FERTILIZER	17.25	TON
0600	05985	SEEDING AND PROTECTION	201,932.00	SQYD
0605	05990	SODDING	2,370.00	SQYD
0610	05992	AGRICULTURAL LIMESTONE	258.00	TON
0615	06401	FLEXIBLE DELINEATOR POST-M/W	91.00	EACH
0620	06404	FLEXIBLE DELINEATOR POST-M/Y	99.00	EACH
0625	06510	PAVE STRIPING-TEMP PAINT-4 IN	179,051.00	LF
0630	06511	PAVE STRIPING-TEMP PAINT-6 IN	133,056.00	LF
0635	06513	PAVE STRIPING-TEMP PAINT-12 IN	12,000.00	LF
0640	06515	PAVE STRIPING-PERM PAINT-6 IN	3,675.00	LF
0645	06542	PAVE STRIPING-THERMO-6 IN W	54,707.00	LF
0650	06543	PAVE STRIPING-THERMO-6 IN Y	34,717.00	LF
0655	06546	PAVE STRIPING-THERMO-12 IN W	12,676.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0660	06547	PAVE STRIPING-THERMO-12 IN Y	231.00	LF
0665	06550	PAVE STRIPING-TEMP REM TAPE-W	900.00	LF
0670	06551	PAVE STRIPING-TEMP REM TAPE-Y	900.00	LF
0675	06556	PAVE STRIPING-DUR TY 1-6 IN W	462.00	LF
0680	06557	PAVE STRIPING-DUR TY 1-6 IN Y	440.00	LF
0685	06565	PAVE MARKING-THERMO X-WALK-6 IN	2,067.00	LF
0690	06568	PAVE MARKING-THERMO STOP BAR-24IN	689.00	LF
0695	06569	PAVE MARKING-THERMO CROSS-HATCH	455.00	SQFT
0700	06570	PAVE MARKING-PAINT CROSS-HATCH	115.00	SQFT
0705	06573	PAVE MARKING-THERMO STR ARROW	12.00	EACH
0710	06574	PAVE MARKING-THERMO CURV ARROW	138.00	EACH
0715	06575	PAVE MARKING-THERMO COMB ARROW	14.00	EACH
0720	06576	PAVE MARKING-THERMO ONLY	5.00	EACH
0725	06598	PAVEMENT MARKING REMOVAL	790.00	SQFT
0730	06600	REMOVE PAVEMENT MARKER TYPE V	1,259.00	EACH
0735	06610	INLAID PAVEMENT MARKER-MW	150.00	EACH
0740	06612	INLAID PAVEMENT MARKER-BY	131.00	EACH
0745	06613	INLAID PAVEMENT MARKER-B W/R	1,355.00	EACH
0750	06614	INLAID PAVEMENT MARKER-B Y/R	118.00	EACH
0755	08903	CRASH CUSHION TY VI CLASS BT TL3	11.00	EACH
0760	10020NS	FUEL ADJUSTMENT	249,183.00	DOLL
0765	10030NS	ASPHALT ADJUSTMENT	402,720.00	DOLL
0770	15094	S MANHOLE ADJUST TO GRADE	5.00	EACH
0775	20071EC	JOINT ADHESIVE	77,428.00	LF
0780	20166ES810	TEMPORARY PIPE	1,000.00	LF
0785	20191ED	OBJECT MARKER TY 3	12.00	EACH
0790	20411ED	LAW ENFORCEMENT OFFICER	2,800.00	HOURL
0795	20432ES112	REMOVE CRASH CUSHION	2.00	EACH
0800	20550ND	SAWCUT PAVEMENT	52,499.00	LF
0805	21289ED	LONGITUDINAL EDGE KEY	46,706.00	LF
0810	21417ES717	PAVE MARK THERMO CONE CAP-SOLID YELLOW	22.00	SQFT
0815	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	11,378.50	LF
0820	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	60.00	LF
0825	22664EN	WATER BLASTING EXISTING STRIPE	316,200.00	LF
0830	22692NS714	PAVEMENT MARKING-THERMO LETTERS	10.00	EACH
0835	22880ED	BARRIER WALL TRANSITION	75.00	LF
0840	23158ES505	DETECTABLE WARNINGS	795.00	SQFT
0845	23251ES717	PAVE MARK TY 1 TAPE X-WALK-6 IN	263.00	LF
0850	23261EC	PAVE MARK-THERMO-X-WALK-24 IN	250.00	LF
0855	23265ES717	PAVE MARK TY 1 TAPE STOP BAR-24 IN	25.00	LF
0860	23270ES717	PAVE MARK TY 1 TAPE-CURV ARROW	2.00	EACH
0865	23314EC	CONCRETE TRENCH	1,612.00	LF
0870	23607EC	PAVE MARK THERMO-LANE REDUCTION ARROW	16.00	EACH
0875	23871EC	PAVE STRIPE-WET REF TAPE-6 IN Y	161.00	LF
0880	23872EC	PAVE STRIPE-WET REF TAPE-6 IN W	399.00	LF
0885	24280EC	PAVE MARK THERMO CHEVRON-48 IN	3,492.00	LF
0890	24544EC	REMOVE - REMOVE BARRIER WALL AND RAILING SYSTEM AND SOUND WALL	4,049.00	LF
0895	24640ED	OBJECT MARKER TYPE 1	11.00	EACH
0900	24679ED	PAVE MARK THERMO CHEVRON	379.00	SQFT

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0905	24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN	294.00	LF
0910	24689EC	PAVE MARK THERMO-WRONG WAY ARROW	7.00	EACH
0915	24899EC	PAVE MARKING-THERMO ELONG ROUTE SHIELD	10.00	EACH
0920	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN - PRICE INCLUDES MOMENT SLAB FOR BARRIER	8,545.00	LF
0925	25075EC	QUEUE PROTECTION VEHICLE	1,920.00	HOURL
0930	25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	10.00	EACH
0935	25079ED	THRIE BEAM GUARDRAIL TRANSITION TL-2	4.00	EACH
0940	25117EC	FURNISH QUEUE PROTECTION VEHICLES	12.00	MONT
0945	26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	12.00	MONT
0950	26137EC	QUEUE WARNING PCMS	72.00	MONT
0955	26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	72.00	MONT
0960	26155EC	PAVE MARK-THERMO POLY MOD LANE USE ARROW	8.00	EACH
0965	26156EC	PAVE MARK-THERMO POLY MOD LANE COMBO ARR	8.00	EACH
0970	26164ES717	PAVE MARK TY 1 TAPE X-WALK-24 IN	350.00	LF
0975	00462	CULVERT PIPE-18 IN	45.00	LF
0980	00464	CULVERT PIPE-24 IN	93.00	LF
0985	00466	CULVERT PIPE-30 IN	79.00	LF
0990	00468	CULVERT PIPE-36 IN	14.00	LF
0995	00470	CULVERT PIPE-48 IN	19.00	LF
1000	00521	STORM SEWER PIPE-15 IN	3,575.00	LF
1005	00522	STORM SEWER PIPE-18 IN	5,490.00	LF
1010	00524	STORM SEWER PIPE-24 IN	1,083.00	LF
1015	00526	STORM SEWER PIPE-30 IN	199.00	LF
1020	00528	STORM SEWER PIPE-36 IN	1,072.00	LF
1025	00529	STORM SEWER PIPE-42 IN	1,390.00	LF
1030	00530	STORM SEWER PIPE-48 IN	1,485.00	LF
1035	00551	STORM SEWER PIPE-15 IN EQUIV	30.00	LF
1040	01001	PERFORATED PIPE-6 IN	20,363.00	LF
1045	01011	NON-PERFORATED PIPE-6 IN	8,122.00	LF
1050	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS
1055	01025	PERF PIPE HEADWALL TY 2-6 IN	12.00	EACH
1060	01029	PERF PIPE HEADWALL TY 3-6 IN	12.00	EACH
1065	01033	PERF PIPE HEADWALL TY 4-6 IN	8.00	EACH
1070	01202	PIPE CULVERT HEADWALL-15 IN	20.00	EACH
1075	01204	PIPE CULVERT HEADWALL-18 IN	20.00	EACH
1080	01208	PIPE CULVERT HEADWALL-24 IN	3.00	EACH
1085	01210	PIPE CULVERT HEADWALL-30 IN	1.00	EACH
1090	01212	PIPE CULVERT HEADWALL-36 IN	4.00	EACH
1095	01441	SLOPED BOX INLET-OUTLET TYPE 2	2.00	EACH
1100	01451	S & F BOX INLET-OUTLET-24 IN	1.00	EACH
1105	01456	CURB BOX INLET TYPE A	19.00	EACH
1110	01459	CURB BOX INLET TYPE A MOD	8.00	EACH
1115	01480	CURB BOX INLET TYPE B	5.00	EACH
1120	01484	CURB BOX INLET TYPE B-T	1.00	EACH
1125	01490	DROP BOX INLET TYPE 1	8.00	EACH
1130	01491	DROP BOX INLET TYPE 1 MOD	4.00	EACH
1135	01494	DROP BOX INLET TYPE 2 MOD	2.00	EACH
1140	01496	DROP BOX INLET TYPE 3	1.00	EACH
1145	01502	DROP BOX INLET TYPE 5A	4.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1150	01542	DROP BOX INLET TYPE 10 MOD	4.00	EACH
1155	01544	DROP BOX INLET TYPE 11	2.00	EACH
1160	01559	DROP BOX INLET TYPE 13G	9.00	EACH
1165	01568	DROP BOX INLET TYPE 13S	4.00	EACH
1170	01577	DROP BOX INLET TYPE 14	1.00	EACH
1175	01580	DROP BOX INLET TYPE 15	2.00	EACH
1180	01587	DROP BOX INLET TYPE 16S	1.00	EACH
1185	01597	CONC MED BARR BOX INLET TY A1 - MOD	3.00	EACH
1190	01598	CONC MED BARR BOX INLET TY B1 - MOD	51.00	EACH
1195	01623	CONC MED BARR BOX INLET TY B1 TL5 56	8.00	EACH
1200	01624	CONC MED BARR BOX INLET TY B2 TL5 56	24.00	EACH
1205	01626	CONC MED BARR BOX INLET TY A2 TL5 56	1.00	EACH
1210	01650	JUNCTION BOX	21.00	EACH
1215	01720	RECONSTRUCT INLET	2.00	EACH
1220	01741	CORED HOLE DRAINAGE BOX CON-6 IN	104.00	EACH
1225	01756	MANHOLE TYPE A	4.00	EACH
1230	01768	MANHOLE TYPE C MOD	1.00	EACH
1235	02478	CAP INLET	8.00	SQYD
1240	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	19,992.00	SQYD
1245	08100	CONCRETE-CLASS A	31.00	CUYD
1250	20571ES710	DROP BOX INLET TY 16G(MOD)	4.00	EACH
1255	21541NN	CORED HOLE DRAINAGE BOX CON- 18 IN	7.00	EACH
1260	23074NN	ADJUST DRAINAGE STRUCTURE	3.00	EACH
1265	23610NC	CORED HOLE DRAINAGE BOX CON	1.00	EACH
1270	23952EC	DRAINAGE JUNCTION BOX TY B	3.00	EACH
1275	24186EC	BORE AND JACK PIPE-36 IN	155.00	LF
1280	24814EC	PIPELINE INSPECTION	14,148.00	LF
1285	02403	REMOVE CONCRETE MASONRY	13.00	CUYD
1290	08003	FOUNDATION PREPARATION	1.00	LS
1295	08100	CONCRETE-CLASS A	25.30	CUYD
1300	08150	STEEL REINFORCEMENT	2,523.00	LB
1305	02403	REMOVE CONCRETE MASONRY	12.00	CUYD
1310	08003	FOUNDATION PREPARATION	1.00	LS
1315	08100	CONCRETE-CLASS A	26.40	CUYD
1320	08150	STEEL REINFORCEMENT	2,095.00	LB
1325	23929EC	LIGHTWEIGHT AGGREGATE FILL	156.00	CUYD
1330	23931EC	EPS FOAM BLOCK	2,524.00	CUFT
1335	26145EC	4 IN CONCRETE LOAD DISTRIBUTOR	94.00	SQYD
1340	02223	GRANULAR EMBANKMENT	70.00	CUYD
1345	08003	FOUNDATION PREPARATION	1.00	LS
1350	08100	CONCRETE-CLASS A	50.10	CUYD
1355	08150	STEEL REINFORCEMENT	4,590.00	LB
1360	02223	GRANULAR EMBANKMENT	146.00	CUYD
1365	08003	FOUNDATION PREPARATION	1.00	LS
1370	08100	CONCRETE-CLASS A	38.10	CUYD
1375	08150	STEEL REINFORCEMENT	4,340.00	LB
1380	23931EC	EPS FOAM BLOCK	36,830.00	CUFT
1385	02231	STRUCTURE GRANULAR BACKFILL	1,000.00	CUYD
1390	03299	ARMORED EDGE FOR CONCRETE	137.40	LF
1395	08002	STRUCTURE EXCAV-SOLID ROCK	395.00	CUYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1400	08003	FOUNDATION PREPARATION	1.00	LS
1405	08100	CONCRETE-CLASS A	201.00	CUYD
1410	08104	CONCRETE-CLASS AA	589.90	CUYD
1415	08130	MECHANICAL REINF COUPLER #5	24.00	EACH
1420	08134	MECHANICAL REINF COUPLER #9	28.00	EACH
1425	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED	588.00	EACH
1430	08150	STEEL REINFORCEMENT	39,830.00	LB
1435	08151	STEEL REINFORCEMENT-EPOXY COATED	87,460.00	LB
1440	08160	STRUCTURAL STEEL - 782,400 LBS	1.00	LS
1445	08170	SHEAR CONNECTORS - 3720 EACH	1.00	LS
1450	20745ED	ROCK SOUNDINGS	128.00	LF
1455	20746ED	ROCK CORINGS	302.00	LF
1460	23378EC	CONCRETE SEALING	23,320.00	SQFT
1465	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	394.80	LF
1470	26172EC	DRILLED SHAFT-36 IN SOLID ROCK	112.00	LF
1475	26173EC	DRILLED SHAFT-42 IN COMMON	80.00	LF
1480	02231	STRUCTURE GRANULAR BACKFILL	11,000.00	CUYD
1485	02998	MASONRY COATING	2,808.00	SQYD
1490	03299	ARMORED EDGE FOR CONCRETE	2,120.00	LF
1495	08002	STRUCTURE EXCAV-SOLID ROCK	127.00	CUYD
1500	08003	FOUNDATION PREPARATION	1.00	LS
1505	08100	CONCRETE-CLASS A	1,709.70	CUYD
1510	08104	CONCRETE-CLASS AA	1,064.30	CUYD
1515	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED	86.00	EACH
1520	08141	MECHANICAL REINF COUPLER #6 EPOXY COATED	86.00	EACH
1525	08151	STEEL REINFORCEMENT-EPOXY COATED	790,862.00	LB
1530	08160	STRUCTURAL STEEL - 29,904 LBS	1.00	LS
1535	08170	SHEAR CONNECTORS - 804 EACH	1.00	LS
1540	08500	APPROACH SLAB	1,392.00	SQYD
1545	08672	PRECAST PC BOX BEAM SB42	2,192.00	LF
1550	08711	BRIDGE CHAIN LINK FENCE-6 FT	216.00	LF
1555	20745ED	ROCK SOUNDINGS	174.00	LF
1560	20746ED	ROCK CORINGS	1,705.00	LF
1565	23000EX	DRILLED SHAFT-66 IN (ROCK)	682.00	LF
1570	23158ES505	DETECTABLE WARNINGS	204.00	SQFT
1575	23249EC	DRILLED SHAFT-72 IN COMMON	70.00	LF
1580	23378EC	CONCRETE SEALING	26,613.00	SQFT
1585	24405EC	MECHANICAL REINF COUPLER #8-EPOXY COATED	3.00	EACH
1590	25027ED	RAIL SYSTEM SINGLE SLOPE - 36 IN	356.00	LF
1595	25029ED	STEEL HANDRAIL	356.00	LF
1600	25121EC	MECHANICAL REINF COUPLER #10-EPOXY COAT	52.00	EACH
1605	21590EN	SOUND BARRIER WALL	258,478.00	SQFT
1610	23583EC	DRILLED SHAFT-48 IN-COMMON	10.00	LF
1615	23584EC	DRILLED SHAFT-42 IN-ROCK	6.00	LF
1620	26172EC	DRILLED SHAFT-36 IN SOLID ROCK	2,268.00	LF
1625	26173EC	DRILLED SHAFT-42 IN COMMON	3,401.00	LF
1630	01986	DELINEATOR FOR BARRIER WALL-B/Y	50.00	EACH
1635	06405	SBM ALUMINUM PANEL SIGNS	11,360.00	SQFT
1640	06406	SBM ALUM SHEET SIGNS .080 IN	143.00	SQFT
1645	06407	SBM ALUM SHEET SIGNS .125 IN	1,958.00	SQFT

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1650	06410	STEEL POST TYPE 1	2,570.00	LF
1655	06412	STEEL POST MILE MARKERS	12.00	EACH
1660	06448	SIGN BRIDGE ATTACHMENT BRACKET	4.00	EACH
1665	06449	REM OVERHEAD SIGN SUPPORT STR	8.00	EACH
1670	06450	REM OVERHEAD STRUC CONC BASE	16.00	EACH
1675	06478	OSS GALV STEEL 75 FT TRUSS	1.00	EACH
1680	06480	OSS GALV STEEL 85 FT TRUSS	4.00	EACH
1685	06481	OSS GALV STEEL 90 FT TRUSS	5.00	EACH
1690	06482	OSS GALV STEEL 95 FT TRUSS	1.00	EACH
1695	06490	CLASS A CONCRETE FOR SIGNS	779.00	CUYD
1700	06491	STEEL REINFORCEMENT FOR SIGNS	90,911.00	LB
1705	06495	OSS GALV STEEL 125 FT TRUSS	1.00	EACH
1710	06498	OSS GALV STEEL 140 FT TRUSS	1.00	EACH
1715	06500	OSS GALV STEEL 165 FT TRUSS	1.00	EACH
1720	20419ND	ROADWAY CROSS SECTION	15.00	EACH
1725	20912ND	BARRIER WALL POST	5.00	EACH
1730	21373ND	REMOVE SIGN	69.00	EACH
1735	21596ND	GMSS TYPE D	27.00	EACH
1740	23639ED	REM SIGN BRIDGE MOUNT ATTACHMENT	1.00	EACH
1745	24631EC	BARCODE SIGN INVENTORY	221.00	EACH
1750	04793	CONDUIT-1 1/4 IN	80.00	LF
1755	04795	CONDUIT-2 IN	40.00	LF
1760	04811	ELECTRICAL JUNCTION BOX TYPE B	6.00	EACH
1765	04820	TRENCHING AND BACKFILLING	596.00	LF
1770	04820	TRENCHING AND BACKFILLING	120.00	LF
1775	04829	PIEZOELECTRIC SENSOR	40.00	EACH
1780	04830	LOOP WIRE	8,392.00	LF
1785	04845	CABLE-NO. 14/7C	11,743.00	LF
1790	04886	MESSENGER-15400 LB	3,882.00	LF
1795	04895	LOOP SAW SLOT AND FILL	2,626.00	LF
1800	04932	INSTALL STEEL STRAIN POLE	16.00	EACH
1805	04953	TEMP RELOCATION OF SIGNAL HEAD	85.00	EACH
1810	04960	REMOVE AND REPLACE SIDEWALK	10.00	SQYD
1815	06406	SBM ALUM SHEET SIGNS .080 IN	77.00	SQFT
1820	06472	INSTALL SPAN MOUNTED SIGN	20.00	EACH
1825	20093NS835	INSTALL PEDESTRIAN HEAD-LED	28.00	EACH
1830	20188NS835	INSTALL LED SIGNAL-3 SECTION	37.00	EACH
1835	20189NS835	INSTALL LED SIGNAL-5 SECTION	3.00	EACH
1840	20266ES835	INSTALL LED SIGNAL- 4 SECTION	9.00	EACH
1845	20359NN	GALVANIZED STEEL CABINET	6.00	EACH
1850	20360ES818	WOOD POST	12.00	EACH
1855	20390NS835	INSTALL COORDINATING UNIT	4.00	EACH
1860	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	7.00	EACH
1865	21743NN	INSTALL PEDESTRIAN DETECTOR	28.00	EACH
1870	23157EN	TRAFFIC SIGNAL POLE BASE	71.00	CUYD
1875	23222EC	INSTALL SIGNAL PEDESTAL	20.00	EACH
1880	23235EC	INSTALL PEDESTAL POST	1.00	EACH
1885	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80	276.00	LF
1890	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	635.00	LF
1895	24908EC	INSTALL SIGNAL CONTROLLER-TY ATC	4.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1900	24955ED	REMOVE SIGNAL EQUIPMENT	5.00	EACH
1905	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	15.00	EACH
1910	26120EC	INSTALL RADAR ADVANCE DETECTOR TYPE B	1.00	EACH
1915	04700	POLE 30 FT MTG HT	12.00	EACH
1920	04701	POLE 40 FT MTG HT	64.00	EACH
1925	04721	BRACKET 6 FT	1.00	EACH
1930	04722	BRACKET 8 FT	9.00	EACH
1935	04723	BRACKET 10 FT	6.00	EACH
1940	04724	BRACKET 12 FT	15.00	EACH
1945	04725	BRACKET 15 FT	13.00	EACH
1950	04740	POLE BASE	42.00	EACH
1955	04741	POLE BASE IN MEDIAN WALL	34.00	EACH
1960	04750	TRANSFORMER BASE	42.00	EACH
1965	04780	FUSED CONNECTOR KIT	168.00	EACH
1970	04795	CONDUIT-2 IN	1,800.00	LF
1975	04820	TRENCHING AND BACKFILLING	7,800.00	LF
1980	04832	WIRE-NO. 12	10,500.00	LF
1985	04833	WIRE-NO. 8	26,700.00	LF
1990	04834	WIRE-NO. 6	26,200.00	LF
1995	04835	WIRE-NO. 4	4,600.00	LF
2000	04940	REMOVE LIGHTING	1.00	LS
2005	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	17.00	EACH
2010	20392NS835	ELECTRICAL JUNCTION BOX TYPE C	4.00	EACH
2015	20410ED	MAINTAIN LIGHTING	1.00	LS
2020	21543EN	BORE AND JACK CONDUIT	1,300.00	LF
2025	24589ED	LED LUMINAIRE	107.00	EACH
2030	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80	7,000.00	LF
2035	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	1,400.00	LF
2040	24902EC	PVC CONDUIT-3 IN-SCHEDULE 80	100.00	LF
2045	00003	CRUSHED STONE BASE	102.00	TON
2050	00100	ASPHALT SEAL AGGREGATE	.09	TON
2055	00103	ASPHALT SEAL COAT	.02	TON
2060	00212	CL2 ASPH BASE 1.00D PG64-22	59.00	TON
2065	00301	CL2 ASPH SURF 0.38D PG64-22	40.00	TON
2070	02091	REMOVE PAVEMENT	309.00	SQYD
2075	02223	GRANULAR EMBANKMENT	510.00	CUYD
2080	02585	EDGE KEY	40.00	LF
2085	02602	FABRIC-GEOTEXTILE CLASS 1	625.00	SQYD
2090	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS
2095	02677	ASPHALT PAVE MILLING & TEXTURING	10.00	TON
2100	02690	SAFELOADING	5.00	CUYD
2105	02701	TEMP SILT FENCE	2,700.00	LF
2110	02704	SILT TRAP TYPE B	10.00	EACH
2115	02705	SILT TRAP TYPE C	5.00	EACH
2120	02707	CLEAN SILT TRAP TYPE B	10.00	EACH
2125	02708	CLEAN SILT TRAP TYPE C	5.00	EACH
2130	02720	SIDEWALK-4 IN CONCRETE	10.00	SQYD
2135	02721	REMOVE CONCRETE SIDEWALK	10.00	SQYD
2140	05952	TEMP MULCH	2,750.00	SQYD
2145	05953	TEMP SEEDING AND PROTECTION	2,750.00	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
2150	05985	SEEDING AND PROTECTION	6,350.00	SQYD
2155	05990	SODDING	2,158.00	SQYD
2160	08100	CONCRETE-CLASS A	2.50	CUYD
2165	14009	W ENCASEMENT STEEL BORED RANGE 4	180.00	LF
2170	14010	W ENCASEMENT STEEL BORED RANGE 5	320.00	LF
2175	14016	W ENCASEMENT STEEL OPEN CUT RANGE 5	170.00	LF
2180	14019	W FIRE HYDRANT ASSEMBLY	8.00	EACH
2185	14025	W METER 1 INCH	7.00	EACH
2190	14026	W METER 1-1/2 INCH	2.00	EACH
2195	14027	W METER 2 INCH	1.00	EACH
2200	14028	W METER 3/4 INCH	9.00	EACH
2205	14035	W PIPE DUCTILE IRON 04 INCH	160.00	LF
2210	14036	W PIPE DUCTILE IRON 06 INCH	400.00	LF
2215	14037	W PIPE DUCTILE IRON 08 INCH	140.00	LF
2220	14039	W PIPE DUCTILE IRON 12 INCH	3,905.00	LF
2225	14048	W PIPE DCTL IRON RSTRND JOINT 08 IN	260.00	LF
2230	14050	W PIPE DCTL IRON RSTRND JOINT 12 IN	1,830.00	LF
2235	14074	W PLUG EXISTING MAIN	31.00	EACH
2240	14077	W SERV PE/PLST LONG SIDE 1 IN	1.00	EACH
2245	14078	W SERV PE/PLST LONG SIDE 1-1/2 IN	1.00	EACH
2250	14080	W SERV PE/PLST LONG SIDE 3/4 IN	6.00	EACH
2255	14082	W SERV PE/PLST SHORT SIDE 1 IN	6.00	EACH
2260	14083	W SERV PE/PLST SHORT SIDE 1-1/2 IN	1.00	EACH
2265	14084	W SERV PE/PLST SHORT SIDE 2 IN	1.00	EACH
2270	14085	W SERV PE/PLST SHORT SIDE 3/4 IN	3.00	EACH
2275	14086	W SERVICE SPECIAL	22.00	EACH
2280	14094	W TIE-IN 06 INCH	6.00	EACH
2285	14095	W TIE-IN 08 INCH	5.00	EACH
2290	14097	W TIE-IN 12 INCH	9.00	EACH
2295	14104	W VALVE 04 INCH	1.00	EACH
2300	14105	W VALVE 06 INCH	4.00	EACH
2305	14106	W VALVE 08 INCH	4.00	EACH
2310	14108	W VALVE 12 INCH	32.00	EACH
2315	14182	W METER 5/8 INCH	14.00	EACH
2320	20550ND	SAWCUT PAVEMENT	139.00	LF
2325	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	.18	TON
2330	02568	MOBILIZATION	1.00	LS
2335	02569	DEMOBILIZATION	1.00	LS
2340	08003	FOUNDATION PREPARATION - (ADDED 5-15-75)	1.00	LS
2345	20257NC	SITE PREPARATION - (ADDED 5-15-25)	1.00	LS

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	67,098.00	TON		\$	
0020	00018		DRAINAGE BLANKET-TYPE II-ASPH	21,166.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	288.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	34.00	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	16,035.00	TON		\$	
0060	00194		LEVELING & WEDGING PG76-22	288.00	TON		\$	
0070	00210		CL4 ASPH BASE 1.50D PG76-22	7,656.00	TON		\$	
0080	00212		CL2 ASPH BASE 1.00D PG64-22	1,462.00	TON		\$	
0090	00214		CL3 ASPH BASE 1.00D PG64-22	6,563.00	TON		\$	
0100	00216		CL3 ASPH BASE 1.00D PG76-22	2,971.00	TON		\$	
0110	00217		CL4 ASPH BASE 1.00D PG64-22	41,716.00	TON		\$	
0120	00219		CL4 ASPH BASE 1.00D PG76-22	15,602.00	TON		\$	
0130	00296		ASPHALT PRIME COAT	67.00	TON		\$	
0140	00301		CL2 ASPH SURF 0.38D PG64-22	768.00	TON		\$	
0150	00336		CL3 ASPH SURF 0.38A PG76-22	2,099.00	TON		\$	
0160	00342		CL4 ASPH SURF 0.38A PG76-22	20,228.00	TON		\$	
0170	02084		JPC PAVEMENT-8 IN	102.00	SQYD		\$	
0180	02101		CEM CONC ENT PAVEMENT-8 IN	68.00	SQYD		\$	
0190	02677		ASPHALT PAVE MILLING & TEXTURING	15,046.00	TON		\$	
0200	22906ES403		CL3 ASPH SURF 0.38A PG64-22	896.00	TON		\$	
0210	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	150.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0220	00078		CRUSHED AGGREGATE SIZE NO 2	5,782.00	TON		\$	
0230	01314		PLUG PIPE	12.00	EACH		\$	
0240	01584		CAP DROP BOX INLET	3.00	EACH		\$	
0250	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
0260	01717		FILL AND CAP INLET	12.00	EACH		\$	
0270	01786		FILL AND CAP MANHOLE	1.00	EACH		\$	
0280	01791		ADJUST MANHOLE FRAME TO GRADE	2.00	EACH		\$	
0290	01792		ADJUST MANHOLE	2.00	EACH		\$	
0300	01810		STANDARD CURB AND GUTTER	2,365.00	LF		\$	
0310	01811		STANDARD CURB AND GUTTER MOD	5,018.00	LF		\$	
0320	01875		STANDARD HEADER CURB	703.00	LF		\$	
0330	01917		STANDARD BARRIER MEDIAN TYPE 2	984.00	SQYD		\$	
0340	01921		STANDARD BARRIER MEDIAN TYPE 4	126.00	SQYD		\$	
0350	01978		CONC MEDIAN BARRIER TYPE A TL5 56 IN	5,529.00	LF		\$	
0360	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	78.00	EACH		\$	
0370	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	129.00	EACH		\$	
0380	02003		RELOCATE TEMP CONC BARRIER	19,527.00	LF		\$	
0390	02014		BARRICADE-TYPE III	138.00	EACH		\$	
0400	02155		PAVED DITCH TYPE 1 MOD	424.00	SQYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02159		TEMP DITCH	15,175.00	LF		\$	
0420	02160		CLEAN TEMP DITCH	7,588.00	LF		\$	
0430	02200		ROADWAY EXCAVATION	183,650.00	CUYD		\$	
0440	02242		WATER	3,275.00	MGAL		\$	
0450	02262		FENCE-WOVEN WIRE TYPE 1	4,254.00	LF		\$	
0460	02359		GUARDRAIL CONNECTOR TO CONC MED BARR	1.00	EACH		\$	
0470	02367		GUARDRAIL END TREATMENT TYPE 1	8.00	EACH		\$	
0480	02369		GUARDRAIL END TREATMENT TYPE 2A	13.00	EACH		\$	
0490	02381		REMOVE GUARDRAIL	13,956.00	LF		\$	
0500	02391		GUARDRAIL END TREATMENT TYPE 4A	4.00	EACH		\$	
0510	02429		RIGHT-OF-WAY MONUMENT TYPE 1	25.00	EACH		\$	
0520	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	7.00	EACH		\$	
0530	02432		WITNESS POST	3.00	EACH		\$	
0540	02483		CHANNEL LINING CLASS II	6,220.00	TON		\$	
0550	02484		CHANNEL LINING CLASS III	2,187.00	TON		\$	
0560	02545		CLEARING AND GRUBBING 57.9 ACRES	1.00	LS		\$	
0570	02555		CONCRETE-CLASS B	75.25	CUYD		\$	
0580	02562		TEMPORARY SIGNS	3,950.00	SQFT		\$	
0590	02585		EDGE KEY	578.00	LF		\$	
0600	02602		FABRIC-GEOTEXTILE CLASS 1	19,174.00	SQYD		\$	
0610	02604		FABRIC-GEOTEXTILE CLASS 1A	7,500.00	SQYD		\$	
0620	02650		MAINTAIN & CONTROL TRAFFIC I-264	1.00	LS		\$	
0630	02650		MAINTAIN & CONTROL TRAFFIC I-264/US-42 INTERCHANGE	1.00	LS		\$	
0640	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	
0650	02676		MOBILIZATION FOR MILL & TEXT I-264	1.00	LS		\$	
0660	02676		MOBILIZATION FOR MILL & TEXT I-264/US-42 INTERCHANGE	1.00	LS		\$	
0670	02690		SAFELOADING	168.00	CUYD		\$	
0680	02701		TEMP SILT FENCE	15,175.00	LF		\$	
0690	02703		SILT TRAP TYPE A	101.00	EACH		\$	
0700	02704		SILT TRAP TYPE B	101.00	EACH		\$	
0710	02705		SILT TRAP TYPE C	101.00	EACH		\$	
0720	02706		CLEAN SILT TRAP TYPE A	101.00	EACH		\$	
0730	02707		CLEAN SILT TRAP TYPE B	101.00	EACH		\$	
0740	02708		CLEAN SILT TRAP TYPE C	101.00	EACH		\$	
0750	02720		SIDEWALK-4 IN CONCRETE	1,860.00	SQYD		\$	
0760	02723		SIDEWALK-6 IN CONCRETE	2,381.00	SQYD		\$	
0770	02726		STAKING I-264	1.00	LS		\$	
0780	02726		STAKING I-264/US-42 INTERCHANGE	1.00	LS		\$	
0790	02731		REMOVE STRUCTURE REMOVAL OF EXISTING I-71 RAMP BRIDGE	1.00	LS		\$	
0800	02731		REMOVE STRUCTURE REMOVAL OF EXISTING US 42 BRIDGE OVER 1-264	1.00	LS		\$	
0810	02775		ARROW PANEL	19.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	02898		RELOCATE CRASH CUSHION	4.00	EACH		\$	
0830	03171		CONC BARRIER WALL TYPE 9T	24,045.00	LF		\$	
0840	05950		EROSION CONTROL BLANKET	41,167.00	SQYD		\$	
0850	05952		TEMP MULCH	332,440.00	SQYD		\$	
0860	05953		TEMP SEEDING AND PROTECTION	254,120.00	SQYD		\$	
0870	05963		INITIAL FERTILIZER	12.75	TON		\$	
0880	05964		MAINTENANCE FERTILIZER	17.25	TON		\$	
0890	05985		SEEDING AND PROTECTION	201,932.00	SQYD		\$	
0900	05990		SODDING	2,370.00	SQYD		\$	
0910	05992		AGRICULTURAL LIMESTONE	258.00	TON		\$	
0920	06401		FLEXIBLE DELINEATOR POST-M/W	91.00	EACH		\$	
0930	06404		FLEXIBLE DELINEATOR POST-M/Y	99.00	EACH		\$	
0940	06510		PAVE STRIPING-TEMP PAINT-4 IN	179,051.00	LF		\$	
0950	06511		PAVE STRIPING-TEMP PAINT-6 IN	143,056.00	LF		\$	
0960	06513		PAVE STRIPING-TEMP PAINT-12 IN	12,000.00	LF		\$	
0970	06515		PAVE STRIPING-PERM PAINT-6 IN	3,675.00	LF		\$	
0980	06542		PAVE STRIPING-THERMO-6 IN W	59,684.00	LF		\$	
0990	06543		PAVE STRIPING-THERMO-6 IN Y	45,751.00	LF		\$	
1000	06546		PAVE STRIPING-THERMO-12 IN W	17,178.00	LF		\$	
1010	06547		PAVE STRIPING-THERMO-12 IN Y	231.00	LF		\$	
1020	06550		PAVE STRIPING-TEMP REM TAPE-W	900.00	LF		\$	
1030	06551		PAVE STRIPING-TEMP REM TAPE-Y	900.00	LF		\$	
1040	06556		PAVE STRIPING-DUR TY 1-6 IN W	462.00	LF		\$	
1050	06557		PAVE STRIPING-DUR TY 1-6 IN Y	440.00	LF		\$	
1060	06565		PAVE MARKING-THERMO X-WALK-6 IN	2,651.00	LF		\$	
1070	06568		PAVE MARKING-THERMO STOP BAR-24IN	805.00	LF		\$	
1080	06569		PAVE MARKING-THERMO CROSS-HATCH	455.00	SQFT		\$	
1090	06570		PAVE MARKING-PAINT CROSS-HATCH	115.00	SQFT		\$	
1100	06573		PAVE MARKING-THERMO STR ARROW	12.00	EACH		\$	
1110	06574		PAVE MARKING-THERMO CURV ARROW	168.00	EACH		\$	
1120	06575		PAVE MARKING-THERMO COMB ARROW	18.00	EACH		\$	
1130	06576		PAVE MARKING-THERMO ONLY	5.00	EACH		\$	
1140	06598		PAVEMENT MARKING REMOVAL	790.00	SQFT		\$	
1150	06600		REMOVE PAVEMENT MARKER TYPE V	1,629.00	EACH		\$	
1160	06610		INLAID PAVEMENT MARKER-MW	150.00	EACH		\$	
1170	06612		INLAID PAVEMENT MARKER-BY	131.00	EACH		\$	
1180	06613		INLAID PAVEMENT MARKER-B W/R	1,681.00	EACH		\$	
1190	06614		INLAID PAVEMENT MARKER-B Y/R	162.00	EACH		\$	
1200	08903		CRASH CUSHION TY VI CLASS BT TL3	11.00	EACH		\$	
1210	10020NS		FUEL ADJUSTMENT	249,183.00	DOLL	\$1.00	\$	\$249,183.00
1220	10030NS		ASPHALT ADJUSTMENT	402,720.00	DOLL	\$1.00	\$	\$402,720.00
1230	15094		S MANHOLE ADJUST TO GRADE	5.00	EACH		\$	
1240	20071EC		JOINT ADHESIVE	113,228.00	LF		\$	
1250	20166ES810		TEMPORARY PIPE	1,000.00	LF		\$	
1260	20191ED		OBJECT MARKER TY 3	12.00	EACH		\$	
1270	20411ED		LAW ENFORCEMENT OFFICER	2,800.00	HOURL		\$	
1280	20432ES112		REMOVE CRASH CUSHION	2.00	EACH		\$	
1290	20550ND		SAWCUT PAVEMENT	52,499.00	LF		\$	
1300	21289ED		LONGITUDINAL EDGE KEY	46,706.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1310	21417ES717		PAVE MARK THERMO CONE CAP-SOLID YELLOW	22.00	SQFT		\$	
1320	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	11,378.50	LF		\$	
1330	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	122.00	LF		\$	
1340	22664EN		WATER BLASTING EXISTING STRIPE	316,200.00	LF		\$	
1350	22692NS714		PAVEMENT MARKING-THERMO LETTERS	10.00	EACH		\$	
1360	22880ED		BARRIER WALL TRANSITION	75.00	LF		\$	
1370	23158ES505		DETECTABLE WARNINGS	795.00	SQFT		\$	
1380	23251ES717		PAVE MARK TY 1 TAPE X-WALK-6 IN	263.00	LF		\$	
1390	23261EC		PAVE MARK-THERMO-X-WALK-24 IN	350.00	LF		\$	
1400	23265ES717		PAVE MARK TY 1 TAPE STOP BAR-24 IN	25.00	LF		\$	
1410	23270ES717		PAVE MARK TY 1 TAPE-CURV ARROW	2.00	EACH		\$	
1420	23314EC		CONCRETE TRENCH	1,612.00	LF		\$	
1430	23607EC		PAVE MARK THERMO-LANE REDUCTION ARROW	21.00	EACH		\$	
1440	23871EC		PAVE STRIPE-WET REF TAPE-6 IN Y	161.00	LF		\$	
1450	23872EC		PAVE STRIPE-WET REF TAPE-6 IN W	399.00	LF		\$	
1460	24280EC		PAVE MARK THERMO CHEVRON-48 IN	3,492.00	LF		\$	
1470	24544EC		REMOVE REMOVE BARRIER WALL AND RAILING SYSTEM AND SOUND WALL	4,049.00	LF		\$	
1480	24640ED		OBJECT MARKER TYPE 1	11.00	EACH		\$	
1490	24679ED		PAVE MARK THERMO CHEVRON	1,279.00	SQFT		\$	
1500	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	294.00	LF		\$	
1510	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	14.00	EACH		\$	
1520	24899EC		PAVE MARKING-THERMO ELONG ROUTE SHIELD	18.00	EACH		\$	
1530	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN PRICE INCLUDES MOMENT SLAB FOR BARRIER	8,545.00	LF		\$	
1540	25075EC		QUEUE PROTECTION VEHICLE	1,920.00	HOURL		\$	
1550	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	10.00	EACH		\$	
1560	25079ED		THRIE BEAM GUARDRAIL TRANSITION TL-2	4.00	EACH		\$	
1570	25117EC		FURNISH QUEUE PROTECTION VEHICLES	12.00	MONT		\$	
1580	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	12.00	MONT		\$	
1590	26137EC		QUEUE WARNING PCMS	72.00	MONT		\$	
1600	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	72.00	MONT		\$	
1610	26146ES717		PAVE MARK TY 1 TAPE LANE REDUCTION ARROW	1.00	EACH		\$	
1620	26155EC		PAVE MARK-THERMO POLY MOD LANE USE ARROW	8.00	EACH		\$	
1630	26156EC		PAVE MARK-THERMO POLY MOD LANE COMBO ARR	8.00	EACH		\$	
1640	26164ES717		PAVE MARK TY 1 TAPE X-WALK-24 IN	350.00	LF		\$	
1650	26240EC		PAVE STRIPE-WET REF CONT TAPE-6 IN W	1,424.00	LF		\$	
1660	26241EC		PAVE STRIPE-WET REF CONT TAPE-6 IN Y	712.00	LF		\$	

Section: 0003 - DRAINAGE

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1670	00462		CULVERT PIPE-18 IN	45.00	LF		\$	
1680	00464		CULVERT PIPE-24 IN	93.00	LF		\$	
1690	00466		CULVERT PIPE-30 IN	79.00	LF		\$	
1700	00468		CULVERT PIPE-36 IN	14.00	LF		\$	
1710	00470		CULVERT PIPE-48 IN	19.00	LF		\$	
1720	00521		STORM SEWER PIPE-15 IN	3,575.00	LF		\$	
1730	00522		STORM SEWER PIPE-18 IN	5,490.00	LF		\$	
1740	00524		STORM SEWER PIPE-24 IN	1,083.00	LF		\$	
1750	00526		STORM SEWER PIPE-30 IN	199.00	LF		\$	
1760	00528		STORM SEWER PIPE-36 IN	1,072.00	LF		\$	
1770	00529		STORM SEWER PIPE-42 IN	1,390.00	LF		\$	
1780	00530		STORM SEWER PIPE-48 IN	1,485.00	LF		\$	
1790	00551		STORM SEWER PIPE-15 IN EQUIV	30.00	LF		\$	
1800	01001		PERFORATED PIPE-6 IN	20,363.00	LF		\$	
1810	01011		NON-PERFORATED PIPE-6 IN	8,122.00	LF		\$	
1820	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
1830	01025		PERF PIPE HEADWALL TY 2-6 IN	12.00	EACH		\$	
1840	01029		PERF PIPE HEADWALL TY 3-6 IN	12.00	EACH		\$	
1850	01033		PERF PIPE HEADWALL TY 4-6 IN	8.00	EACH		\$	
1860	01202		PIPE CULVERT HEADWALL-15 IN	20.00	EACH		\$	
1870	01204		PIPE CULVERT HEADWALL-18 IN	20.00	EACH		\$	
1880	01208		PIPE CULVERT HEADWALL-24 IN	3.00	EACH		\$	
1890	01210		PIPE CULVERT HEADWALL-30 IN	1.00	EACH		\$	
1900	01212		PIPE CULVERT HEADWALL-36 IN	4.00	EACH		\$	
1910	01441		SLOPED BOX INLET-OUTLET TYPE 2	2.00	EACH		\$	
1920	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
1930	01456		CURB BOX INLET TYPE A	19.00	EACH		\$	
1940	01459		CURB BOX INLET TYPE A MOD	8.00	EACH		\$	
1950	01480		CURB BOX INLET TYPE B	5.00	EACH		\$	
1960	01484		CURB BOX INLET TYPE B-T	1.00	EACH		\$	
1970	01490		DROP BOX INLET TYPE 1	8.00	EACH		\$	
1980	01491		DROP BOX INLET TYPE 1 MOD	4.00	EACH		\$	
1990	01494		DROP BOX INLET TYPE 2 MOD	2.00	EACH		\$	
2000	01496		DROP BOX INLET TYPE 3	1.00	EACH		\$	
2010	01502		DROP BOX INLET TYPE 5A	4.00	EACH		\$	
2020	01542		DROP BOX INLET TYPE 10 MOD	4.00	EACH		\$	
2030	01544		DROP BOX INLET TYPE 11	2.00	EACH		\$	
2040	01559		DROP BOX INLET TYPE 13G	9.00	EACH		\$	
2050	01568		DROP BOX INLET TYPE 13S	4.00	EACH		\$	
2060	01577		DROP BOX INLET TYPE 14	1.00	EACH		\$	
2070	01580		DROP BOX INLET TYPE 15	2.00	EACH		\$	
2080	01587		DROP BOX INLET TYPE 16S	1.00	EACH		\$	
2090	01597		CONC MED BARR BOX INLET TY A1 MOD	3.00	EACH		\$	
2100	01598		CONC MED BARR BOX INLET TY B1 MOD	51.00	EACH		\$	
2110	01623		CONC MED BARR BOX INLET TY B1 TL5 56	8.00	EACH		\$	
2120	01624		CONC MED BARR BOX INLET TY B2 TL5 56	24.00	EACH		\$	
2130	01626		CONC MED BARR BOX INLET TY A2 TL5 56	1.00	EACH		\$	
2140	01650		JUNCTION BOX	21.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2150	01720		RECONSTRUCT INLET	2.00	EACH		\$	
2160	01741		CORED HOLE DRAINAGE BOX CON-6 IN	104.00	EACH		\$	
2170	01756		MANHOLE TYPE A	4.00	EACH		\$	
2180	01768		MANHOLE TYPE C MOD	1.00	EACH		\$	
2190	02478		CAP INLET	8.00	SQYD		\$	
2200	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	19,992.00	SQYD	\$2.00	\$	\$39,984.00
2210	08100		CONCRETE-CLASS A	31.00	CUYD		\$	
2220	20571ES710		DROP BOX INLET TY 16G(MOD)	4.00	EACH		\$	
2230	21541NN		CORED HOLE DRAINAGE BOX CON- 18 IN	7.00	EACH		\$	
2240	23074NN		ADJUST DRAINAGE STRUCTURE	3.00	EACH		\$	
2250	23610NC		CORED HOLE DRAINAGE BOX CON	1.00	EACH		\$	
2260	23952EC		DRAINAGE JUNCTION BOX TY B	3.00	EACH		\$	
2270	24186EC		BORE AND JACK PIPE-36 IN	155.00	LF		\$	
2280	24814EC		PIPELINE INSPECTION	14,148.00	LF		\$	

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2290	03299		ARMORED EDGE FOR CONCRETE	256.00	LF		\$	
2300	08472		EXPANSION DAM-4 IN NEOPRENE	256.00	LF		\$	

Section: 0005 - BRIDGE- CULVERT - WESTPORT ROAD RAMP - DWG. 28945

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2310	02403		REMOVE CONCRETE MASONRY	13.00	CUYD		\$	
2320	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2330	08100		CONCRETE-CLASS A	25.30	CUYD		\$	
2340	08150		STEEL REINFORCEMENT	2,523.00	LB		\$	

Section: 0006 - BRIDGE- CULVERT - I-71 NB RAMP - DWG. 28946

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2350	02403		REMOVE CONCRETE MASONRY	12.00	CUYD		\$	
2360	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2370	08100		CONCRETE-CLASS A	26.40	CUYD		\$	
2380	08150		STEEL REINFORCEMENT	2,095.00	LB		\$	
2390	23929EC	AA1	LIGHTWEIGHT AGGREGATE FILL	156.00	CUYD		\$	
2400	23931EC	AA2	EPS FOAM BLOCK	2,524.00	CUFT		\$	
2410	26145EC	AA2	4 IN CONCRETE LOAD DISTRIBUTOR	94.00	SQYD		\$	

Section: 0007 - BRIDGE-CULVERT - I-264 - DWG. 28947

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2420	02223		GRANULAR EMBANKMENT	70.00	CUYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2430	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2440	08100		CONCRETE-CLASS A	50.10	CUYD		\$	
2450	08150		STEEL REINFORCEMENT	4,590.00	LB		\$	

Section: 0008 - BRIDGE-CULVERT - I-71 SB - DWG. 28948

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2460	02223		GRANULAR EMBANKMENT	146.00	CUYD		\$	
2470	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2480	08100		CONCRETE-CLASS A	38.10	CUYD		\$	
2490	08150		STEEL REINFORCEMENT	4,340.00	LB		\$	
2500	23931EC		EPS FOAM BLOCK	36,830.00	CUFT		\$	

Section: 0009 - BRIDGE - I-71 SB - DWG. 28949

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2510	02231		STRUCTURE GRANULAR BACKFILL	1,000.00	CUYD		\$	
2520	03299		ARMORED EDGE FOR CONCRETE	137.40	LF		\$	
2530	08002		STRUCTURE EXCAV-SOLID ROCK	395.00	CUYD		\$	
2540	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2550	08100		CONCRETE-CLASS A	201.00	CUYD		\$	
2560	08104		CONCRETE-CLASS AA	589.90	CUYD		\$	
2570	08130		MECHANICAL REINF COUPLER #5	24.00	EACH		\$	
2580	08134		MECHANICAL REINF COUPLER #9	28.00	EACH		\$	
2590	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	588.00	EACH		\$	
2600	08150		STEEL REINFORCEMENT	39,830.00	LB		\$	
2610	08151		STEEL REINFORCEMENT-EPOXY COATED	87,460.00	LB		\$	
2620	08160		STRUCTURAL STEEL 782,400 LBS	1.00	LS		\$	
2630	08170		SHEAR CONNECTORS 3720 EACH	1.00	LS		\$	
2640	20745ED		ROCK SOUNDINGS	128.00	LF		\$	
2650	20746ED		ROCK CORINGS	302.00	LF		\$	
2660	23378EC		CONCRETE SEALING	23,320.00	SQFT		\$	
2670	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	394.80	LF		\$	
2680	26172EC		DRILLED SHAFT-36 IN SOLID ROCK	112.00	LF		\$	
2690	26173EC		DRILLED SHAFT-42 IN COMMON	80.00	LF		\$	

Section: 0010 - BRIDGE - US 42 - DWG. 28950

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2700	02231		STRUCTURE GRANULAR BACKFILL	11,000.00	CUYD		\$	
2710	02998		MASONRY COATING	2,808.00	SQYD		\$	
2720	03299		ARMORED EDGE FOR CONCRETE	2,120.00	LF		\$	
2730	08002		STRUCTURE EXCAV-SOLID ROCK	127.00	CUYD		\$	
2740	08003		FOUNDATION PREPARATION	1.00	LS		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2750	08100		CONCRETE-CLASS A	1,709.70	CUYD		\$	
2760	08104		CONCRETE-CLASS AA	1,064.30	CUYD		\$	
2770	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	86.00	EACH		\$	
2780	08141		MECHANICAL REINF COUPLER #6 EPOXY COATED	86.00	EACH		\$	
2790	08151		STEEL REINFORCEMENT-EPOXY COATED	790,862.00	LB		\$	
2800	08160		STRUCTURAL STEEL 29,904 LBS	1.00	LS		\$	
2810	08170		SHEAR CONNECTORS 804 EACH	1.00	LS		\$	
2820	08500		APPROACH SLAB	1,392.00	SQYD		\$	
2830	08672		PRECAST PC BOX BEAM SB42	2,192.00	LF		\$	
2840	08711		BRIDGE CHAIN LINK FENCE-6 FT	216.00	LF		\$	
2850	20745ED		ROCK SOUNDINGS	174.00	LF		\$	
2860	20746ED		ROCK CORINGS	1,705.00	LF		\$	
2870	23000EX		DRILLED SHAFT-66 IN (ROCK)	682.00	LF		\$	
2880	23158ES505		DETECTABLE WARNINGS	204.00	SQFT		\$	
2890	23249EC		DRILLED SHAFT-72 IN COMMON	70.00	LF		\$	
2900	23378EC		CONCRETE SEALING	26,613.00	SQFT		\$	
2910	24405EC		MECHANICAL REINF COUPLER #8-EPOXY COATED	3.00	EACH		\$	
2920	25027ED		RAIL SYSTEM SINGLE SLOPE - 36 IN	356.00	LF		\$	
2930	25029ED		STEEL HANDRAIL	356.00	LF		\$	
2940	25121EC		MECHANICAL REINF COUPLER #10-EPOXY COAT	52.00	EACH		\$	

Section: 0011 - BRIDGE-SOUND BARRIER WALLS - DWG. 28951

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2945	20257NC		SITE PREPARATION (ADDED 5-15-25)	1.00	LS		\$	
2950	21590EN		SOUND BARRIER WALL	258,478.00	SQFT		\$	
2955	08003		FOUNDATION PREPARATION (ADDED 5-15-75)	1.00	LS		\$	
2960	23583EC		DRILLED SHAFT-48 IN-COMMON	10.00	LF		\$	
2970	23584EC		DRILLED SHAFT-42 IN-ROCK	6.00	LF		\$	
2980	26172EC		DRILLED SHAFT-36 IN SOLID ROCK	2,268.00	LF		\$	
2990	26173EC		DRILLED SHAFT-42 IN COMMON	3,401.00	LF		\$	

Section: 0012 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3000	01986		DELINEATOR FOR BARRIER WALL-B/Y	50.00	EACH		\$	
3010	06405		SBM ALUMINUM PANEL SIGNS	11,360.00	SQFT		\$	
3020	06406		SBM ALUM SHEET SIGNS .080 IN	143.00	SQFT		\$	
3030	06407		SBM ALUM SHEET SIGNS .125 IN	1,958.00	SQFT		\$	
3040	06410		STEEL POST TYPE 1	2,570.00	LF		\$	
3050	06412		STEEL POST MILE MARKERS	12.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3060	06448		SIGN BRIDGE ATTACHMENT BRACKET	4.00	EACH		\$	
3070	06449		REM OVERHEAD SIGN SUPPORT STR	8.00	EACH		\$	
3080	06450		REM OVERHEAD STRUC CONC BASE	16.00	EACH		\$	
3090	06478		OSS GALV STEEL 75 FT TRUSS	1.00	EACH		\$	
3100	06480		OSS GALV STEEL 85 FT TRUSS	4.00	EACH		\$	
3110	06481		OSS GALV STEEL 90 FT TRUSS	5.00	EACH		\$	
3120	06482		OSS GALV STEEL 95 FT TRUSS	1.00	EACH		\$	
3130	06490		CLASS A CONCRETE FOR SIGNS	779.00	CUYD		\$	
3140	06491		STEEL REINFORCEMENT FOR SIGNS	90,911.00	LB		\$	
3150	06495		OSS GALV STEEL 125 FT TRUSS	1.00	EACH		\$	
3160	06498		OSS GALV STEEL 140 FT TRUSS	1.00	EACH		\$	
3170	06500		OSS GALV STEEL 165 FT TRUSS	1.00	EACH		\$	
3180	20419ND		ROADWAY CROSS SECTION	15.00	EACH		\$	
3190	20912ND		BARRIER WALL POST	5.00	EACH		\$	
3200	21373ND		REMOVE SIGN	69.00	EACH		\$	
3210	21596ND		GMSS TYPE D	27.00	EACH		\$	
3220	23639ED		REM SIGN BRIDGE MOUNT ATTACHMENT	1.00	EACH		\$	
3230	24631EC		BARCODE SIGN INVENTORY	221.00	EACH		\$	

Section: 0013 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3240	04793		CONDUIT-1 1/4 IN	80.00	LF		\$	
3250	04795		CONDUIT-2 IN	40.00	LF		\$	
3260	04811		ELECTRICAL JUNCTION BOX TYPE B	6.00	EACH		\$	
3270	04820		TRENCHING AND BACKFILLING	716.00	LF		\$	
3280	04829		PIEZOELECTRIC SENSOR	40.00	EACH		\$	
3290	04830		LOOP WIRE	8,392.00	LF		\$	
3300	04845		CABLE-NO. 14/7C	11,743.00	LF		\$	
3310	04886		MESSENGER-15400 LB	3,882.00	LF		\$	
3320	04895		LOOP SAW SLOT AND FILL	2,626.00	LF		\$	
3330	04932		INSTALL STEEL STRAIN POLE	16.00	EACH		\$	
3340	04953		TEMP RELOCATION OF SIGNAL HEAD	85.00	EACH		\$	
3350	04960		REMOVE AND REPLACE SIDEWALK	10.00	SQYD		\$	
3360	06406		SBM ALUM SHEET SIGNS .080 IN	77.00	SQFT		\$	
3370	06472		INSTALL SPAN MOUNTED SIGN	20.00	EACH		\$	
3380	20093NS835		INSTALL PEDESTRIAN HEAD-LED	28.00	EACH		\$	
3390	20188NS835		INSTALL LED SIGNAL-3 SECTION	37.00	EACH		\$	
3400	20189NS835		INSTALL LED SIGNAL-5 SECTION	3.00	EACH		\$	
3410	20266ES835		INSTALL LED SIGNAL- 4 SECTION	9.00	EACH		\$	
3420	20359NN		GALVANIZED STEEL CABINET	6.00	EACH		\$	
3430	20360ES818		WOOD POST	12.00	EACH		\$	
3440	20390NS835		INSTALL COORDINATING UNIT	4.00	EACH		\$	
3450	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	7.00	EACH		\$	
3460	21743NN		INSTALL PEDESTRIAN DETECTOR	28.00	EACH		\$	
3470	23157EN		TRAFFIC SIGNAL POLE BASE	71.00	CUYD		\$	
3480	23222EC		INSTALL SIGNAL PEDESTAL	20.00	EACH		\$	
3490	23235EC		INSTALL PEDESTAL POST	1.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3500	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	276.00	LF		\$	
3510	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	635.00	LF		\$	
3520	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	4.00	EACH		\$	
3530	24955ED		REMOVE SIGNAL EQUIPMENT	5.00	EACH		\$	
3540	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	15.00	EACH		\$	
3550	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	1.00	EACH		\$	

Section: 0014 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3560	04700		POLE 30 FT MTG HT	12.00	EACH		\$	
3570	04701		POLE 40 FT MTG HT	64.00	EACH		\$	
3580	04721		BRACKET 6 FT	1.00	EACH		\$	
3590	04722		BRACKET 8 FT	9.00	EACH		\$	
3600	04723		BRACKET 10 FT	6.00	EACH		\$	
3610	04724		BRACKET 12 FT	15.00	EACH		\$	
3620	04725		BRACKET 15 FT	13.00	EACH		\$	
3630	04740		POLE BASE	42.00	EACH		\$	
3640	04741		POLE BASE IN MEDIAN WALL	34.00	EACH		\$	
3650	04750		TRANSFORMER BASE	42.00	EACH		\$	
3660	04780		FUSED CONNECTOR KIT	168.00	EACH		\$	
3670	04795		CONDUIT-2 IN	1,800.00	LF		\$	
3680	04820		TRENCHING AND BACKFILLING	7,800.00	LF		\$	
3690	04832		WIRE-NO. 12	10,500.00	LF		\$	
3700	04833		WIRE-NO. 8	26,700.00	LF		\$	
3710	04834		WIRE-NO. 6	26,200.00	LF		\$	
3720	04835		WIRE-NO. 4	4,600.00	LF		\$	
3730	04940		REMOVE LIGHTING	1.00	LS		\$	
3740	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	17.00	EACH		\$	
3750	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	4.00	EACH		\$	
3760	20410ED		MAINTAIN LIGHTING	1.00	LS		\$	
3770	21543EN		BORE AND JACK CONDUIT	1,300.00	LF		\$	
3780	24589ED		LED LUMINAIRE	107.00	EACH		\$	
3790	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	7,000.00	LF		\$	
3800	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	1,400.00	LF		\$	
3810	24902EC		PVC CONDUIT-3 IN-SCHEDULE 80	100.00	LF		\$	

Section: 0015 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3820	00003		CRUSHED STONE BASE	102.00	TON		\$	
3830	00100		ASPHALT SEAL AGGREGATE	.09	TON		\$	
3840	00103		ASPHALT SEAL COAT	.02	TON		\$	
3850	00212		CL2 ASPH BASE 1.00D PG64-22	59.00	TON		\$	
3860	00301		CL2 ASPH SURF 0.38D PG64-22	40.00	TON		\$	
3870	02091		REMOVE PAVEMENT	309.00	SQYD		\$	

Report Date 5/15/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3880	02223		GRANULAR EMBANKMENT	510.00	CUYD		\$	
3890	02585		EDGE KEY	40.00	LF		\$	
3900	02602		FABRIC-GEOTEXTILE CLASS 1	625.00	SQYD		\$	
3910	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
3920	02677		ASPHALT PAVE MILLING & TEXTURING	10.00	TON		\$	
3930	02690		SAFELOADING	5.00	CUYD		\$	
3940	02701		TEMP SILT FENCE	2,700.00	LF		\$	
3950	02704		SILT TRAP TYPE B	10.00	EACH		\$	
3960	02705		SILT TRAP TYPE C	5.00	EACH		\$	
3970	02707		CLEAN SILT TRAP TYPE B	10.00	EACH		\$	
3980	02708		CLEAN SILT TRAP TYPE C	5.00	EACH		\$	
3990	02720		SIDEWALK-4 IN CONCRETE	10.00	SQYD		\$	
4000	02721		REMOVE CONCRETE SIDEWALK	10.00	SQYD		\$	
4010	05952		TEMP MULCH	2,750.00	SQYD		\$	
4020	05953		TEMP SEEDING AND PROTECTION	2,750.00	SQYD		\$	
4030	05985		SEEDING AND PROTECTION	6,350.00	SQYD		\$	
4040	05990		SODDING	2,158.00	SQYD		\$	
4050	08100		CONCRETE-CLASS A	2.50	CUYD		\$	
4060	14009		W ENCASEMENT STEEL BORED RANGE 4	180.00	LF		\$	
4070	14010		W ENCASEMENT STEEL BORED RANGE 5	320.00	LF		\$	
4080	14016		W ENCASEMENT STEEL OPEN CUT RANGE 5	170.00	LF		\$	
4090	14019		W FIRE HYDRANT ASSEMBLY	8.00	EACH		\$	
4100	14025		W METER 1 INCH	7.00	EACH		\$	
4110	14026		W METER 1-1/2 INCH	2.00	EACH		\$	
4120	14027		W METER 2 INCH	1.00	EACH		\$	
4130	14028		W METER 3/4 INCH	9.00	EACH		\$	
4140	14035		W PIPE DUCTILE IRON 04 INCH	160.00	LF		\$	
4150	14036		W PIPE DUCTILE IRON 06 INCH	400.00	LF		\$	
4160	14037		W PIPE DUCTILE IRON 08 INCH	140.00	LF		\$	
4170	14039		W PIPE DUCTILE IRON 12 INCH	3,905.00	LF		\$	
4180	14048		W PIPE DCTL IRON RSTRND JOINT 08 IN	260.00	LF		\$	
4190	14050		W PIPE DCTL IRON RSTRND JOINT 12 IN	1,830.00	LF		\$	
4200	14074		W PLUG EXISTING MAIN	31.00	EACH		\$	
4210	14077		W SERV PE/PLST LONG SIDE 1 IN	1.00	EACH		\$	
4220	14078		W SERV PE/PLST LONG SIDE 1-1/2 IN	1.00	EACH		\$	
4230	14080		W SERV PE/PLST LONG SIDE 3/4 IN	6.00	EACH		\$	
4240	14082		W SERV PE/PLST SHORT SIDE 1 IN	6.00	EACH		\$	
4250	14083		W SERV PE/PLST SHORT SIDE 1-1/2 IN	1.00	EACH		\$	
4260	14084		W SERV PE/PLST SHORT SIDE 2 IN	1.00	EACH		\$	
4270	14085		W SERV PE/PLST SHORT SIDE 3/4 IN	3.00	EACH		\$	
4280	14086		W SERVICE SPECIAL	22.00	EACH		\$	
4290	14094		W TIE-IN 06 INCH	6.00	EACH		\$	
4300	14095		W TIE-IN 08 INCH	5.00	EACH		\$	
4310	14097		W TIE-IN 12 INCH	9.00	EACH		\$	
4320	14104		W VALVE 04 INCH	1.00	EACH		\$	
4330	14105		W VALVE 06 INCH	4.00	EACH		\$	
4340	14106		W VALVE 08 INCH	4.00	EACH		\$	
4350	14108		W VALVE 12 INCH	32.00	EACH		\$	
4360	14182		W METER 5/8 INCH	14.00	EACH		\$	
4370	20550ND		SAWCUT PAVEMENT	139.00	LF		\$	

Report Date 5/15/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4380	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	.18	TON		\$	

Section: 0016 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
4390	02568		MOBILIZATION	1.00	LS		\$	
4400	02569		DEMOBILIZATION	1.00	LS		\$	

TRANSPORTATION CABINET

DEPARTMENT OF HIGHWAYS

JEFFERSON COUNTY

I-264 WIDENING

SOUND BARRIER WALLS

INDEX OF SHEETS

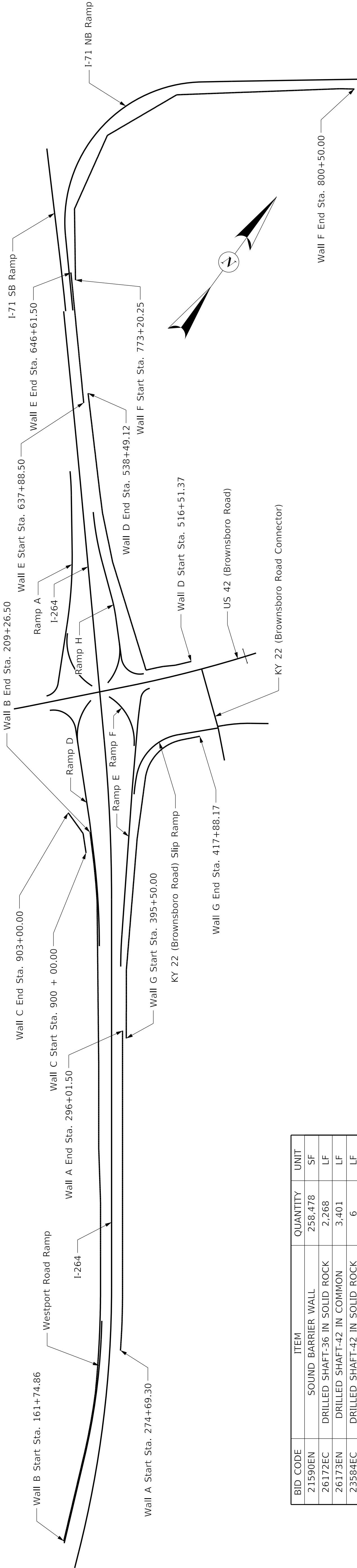
Sheet No.	Description
S01	Title Sheet
S02	General Notes
S03-S05	Layout - Wall A
S06-S11	Layout - Wall B
S12	Layout - Wall C
S13-S15	Layout - Wall D
S16	Layout - Wall E
S17-S19	Layout - Wall F
S20-S22	Layout - Wall G
S23-S25	Wall Data Sheet - Wall A
S26-S32	Wall Data Sheet - Wall B
S33	Wall Data Sheet - Wall C
S34-S35	Wall Data Sheet - Wall D
S36-S37	Wall Data Sheet - Wall E
S38-S40	Wall Data Sheet - Wall F
S41-S42	Wall Data Sheet - Wall G
S43-S44	General Panel Information
S45-S47	Moment Slab Details
S48-S56	Panel Opening Details
S57	Panel Seat Details
S58	Posts
S59-S62	Drilled Shaft Details
S63-S64	Subsurface Data
S65-S82	

SPECIAL NOTES

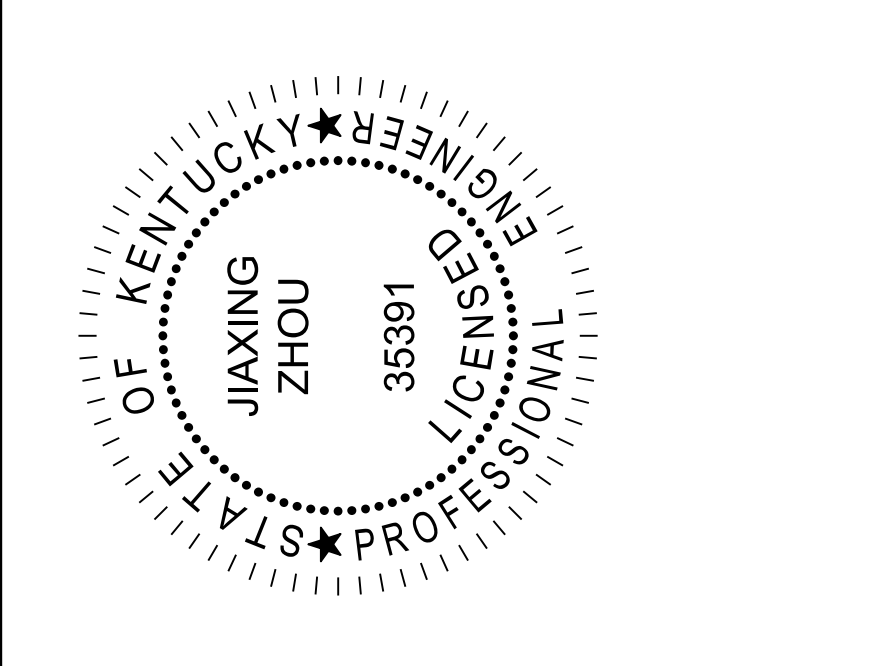
Special Note for 11C Drilled Shafts
Special Note for Sound Barrier Walls
Special Note for Architectural Treatment

SPECIFICATIONS

2019 Standard Specifications for Road and Bridge Construction.
AASHTO LRFD Bridge Design Specifications, 9th Edition with Current Interims



BID CODE	ITEM	QUANTITY	UNIT
21590EN	SOUND BARRIER WALL	258,478	SF
26172EC	DRILLED SHAFT-36 IN SOLID ROCK	2,268	LF
26173EN	DRILLED SHAFT-42 IN COMMON	3,401	LF
23584EC	DRILLED SHAFT-42 IN SOLID ROCK	6	LF
23583ED	DRILLED SHAFT-48 IN COMMON	10	LF
8003	FOUNDATION PREPARATION	1	LS
20257NC	SITE PREPARATION	1	LS



 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	TEAM KENTUCKY DESIGNED BY KAY	REVISION	DATE	AECOM	DATE: 2/14/2025 DESIGNED BY: J. ZHOU DETAILED BY: I. SHAH	CHECKED BY M. AMIN	TITLE SHEET		ROUTE	ITEM NO. 5-804.00	COUNTY OF JEFFERSON
							CROSSING				

TRANSPORTATION CABINET

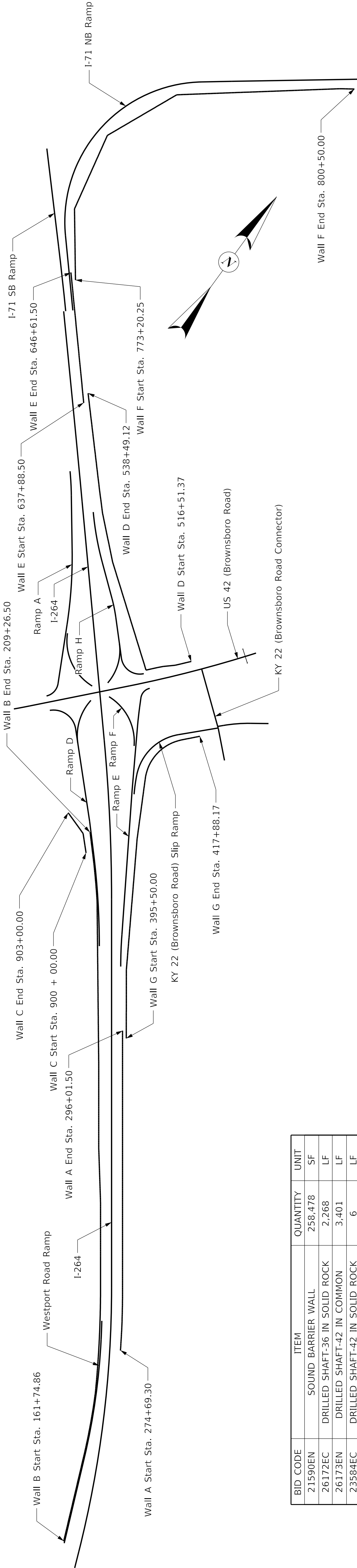
DEPARTMENT OF HIGHWAYS

JEFFERSON COUNTY

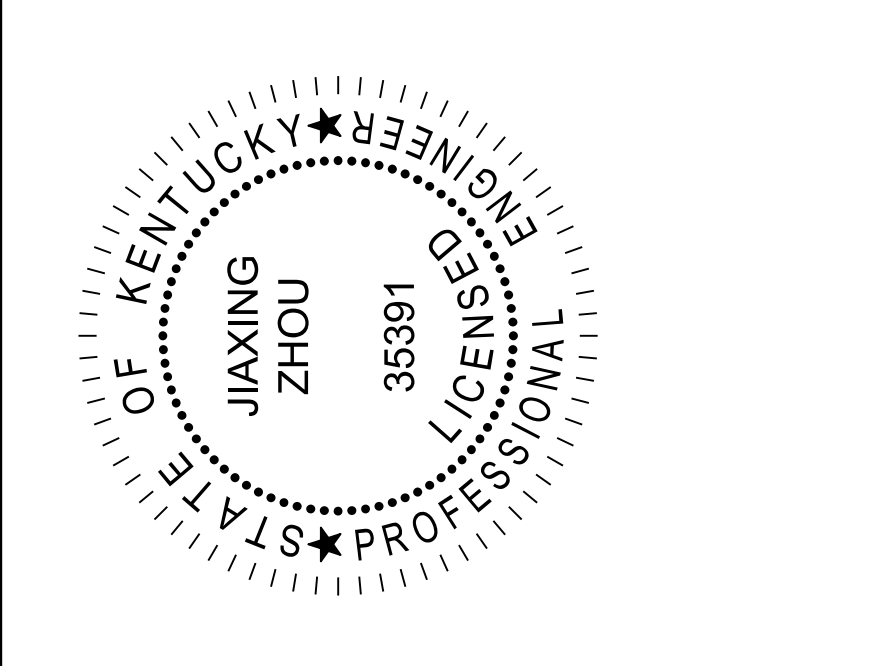
I-264 WIDENING

SOUND BARRIER WALLS

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S12	Layout - Wall C
S13-S15	Layout - Wall D
S16	Layout - Wall E
S17-S19	Layout - Wall F
S20-S22	Layout - Wall G
S23-S25	Wall Data Sheet - Wall A
S26-S32	Wall Data Sheet - Wall B
S33	Wall Data Sheet - Wall C
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20257NC	SITE PREPARATION	1	LS



 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	TEAM KENTUCKY DESIGNED BY KHY	REVISION	DATE		CHECKED BY	TITLE SHEET					
		Revised 05/13/25									
						DATE: 2/14/2025	DESIGNED BY: J. ZHOU	M. AMIN	CROSSING SOUND BARRIER WALL		
							DETAILED BY: I. SHAH	M. AMIN			
				ROUTE	ITEM NO.	COUNTY OF					
				I-264	5-804.00	JEFFERSON					
					SHEET NO.	DRAWING NUMBER					
					S01	28951					

SPECIFICATIONS:

All references to the Standard Specifications are to the 2019 edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction, with current supplemental specifications. All references to the AASHTO Specifications are to the 9th edition of the AASHTO LRFD Bridge Design Specifications.

DESIGN LOAD:

The barrier-mounted sound wall is designed for vehicular collision forces in accordance with the 9th edition of the AASHTO LRFD Bridge Design Specifications.

CONSTRUCTION JOINTS:

Unless shown otherwise, the concrete surface at all construction joints shall be intentionally roughened to a minimum 1/4" amplitude. Where keyed construction joints are indicated on the Plans, intentional roughening of the concrete is not required.

WIND LOAD:

This sound barrier wall is designed for a wind load based on a 3 second gust wind speed of 115 mph and Wind Exposure Category B. Contrary to the AASHTO LRFD Bridge Design Specifications, a load factor of 1.25 is applied to all wind loads for strength load cases.

DEFLECTION LIMITS:

This sound barrier wall is designed for a lateral tip deflection limit of 1/4 inch under strength loads. Under service loads, the lateral deflection at the top of the wall is limited to the lesser of 1.5% of the wall height or 4 inches. The deflection is measured relative to the point of fixity in soil or rock. Deflection at the base of the wall is to be less than 1 inch.

SERVICE LIFE:

This sound barrier wall is designed to achieve a minimum service life of 75 years.

UTILITIES:

Prior to excavating for the drilled shafts, field verify the location of all existing underground utilities. Should a utility be damaged by the contractor's negligence, replace the damaged section of the utility at no additional cost to the Department of Highways.

For locations where the sound barrier wall is too close to overhead utilities to be installed from the top, the contractor is permitted to modify the panels and columns to allow the panels to be installed from the side. Once panels are installed from the side and centered between posts, grout between both panel ends and the adjoining post. Any modifications to the sounds barrier wall must be submitted to the Engineer a minimum of 30 working days prior to fabrication for approval.

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.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Concrete
f'c = 3,500 psi
For Class "AA" Concrete
f'c = 4,000 psi
For Class "D Modified" Precast Concrete
f'c = 5,000 psi
For Steel Reinforcement
Fy = 60,000 psi

See Special Note 11C for Drilled Shaft Concrete requirements.

CONCRETE:

Class "A" concrete shall be used for drilled shafts.
Class "AA" concrete shall be used for moment slabs, railing, and pedestals.
Class "D Modified" precast concrete shall be used for sound wall panels and concrete posts.

REINFORCEMENT:

Reinforcement in Panels and Posts of Sound Barrier Walls shall be epoxy-coated in accordance with Section 811.10 of the Specifications. Vertical post reinforcement with threaded ends shall be galvanized in accordance with ASTM A767 in lieu of epoxy coating.

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 Precast concrete is 1½ inches unless otherwise noted.

ANCHOR BOLTS, NUTS, AND WASHERS:

Provide Anchor Bolts conforming to ASTM F1554, Grade 105.
Provide Heavy Hex Nuts conforming to ASTM A563DH.
Provide Lock Washers, Hardened Washers and Flat Washers conforming to ASTM F436.
Galvanize all Anchor Bolts and Hardware in accordance with ASTM A153.

BASE PLATES:

Provide Structural Steel conforming to AASHTO M-270, Grade 36.
Galvanize plates in accordance with ASTM A123.
Repair Damaged Galvanizing in accordance with ASTM A780.

FOAM BACKER ROD:

The backer rod shall be an expanded, closed cell polyethylene foam of 1 inch diameter. Other backup materials (paper, rope, and open cell foam) are not acceptable. Furnish foam backer rod meeting ASTM D5249, Type 1 or 3.

DIMENSIONS:

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

The Contractor is responsible to verify all dimensions and geometry in the field as necessary for proper fit for construction.

SHOP DRAWINGS:

Submit shop drawings that are required by the Plans, Specifications and Special Note for Sound Barrier Walls directly to the Consultant. If changes in the design plans are proposed by a fabricator or supplier, submit those changes to the Consultant. Submit all final, approved shop drawings to the Division of Structural Design.

ON-SITE INSPECTION:

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

BEVELED EDGES:

All exposed edges shall be beveled ¾ inch unless otherwise shown.

LIFTING AND HANDLING:

The Contractor shall design and install the lifting devices and is responsible for the handling and shipment of all precast components. Detail lifting devices on the shop plans. Loads are to be distributed equally to each device. Lifting devices are incidental to the unit price bid for Sound Barrier Walls.

SOUND BARRIER WALL INSTALLATION:

Install Anchor Bolts, Posts, and Panels vertically plumb.

FINISHES:

See Architectural Treatment Details for Panel Architectural Treatment. Match Architectural Treatment To The Existing Sound Walls

Fabricate Posts with a Smooth form texture on all sides but the roadway side or front face. Roadway side or front face of Posts to have a Magnesium Troweled Smooth Finish.

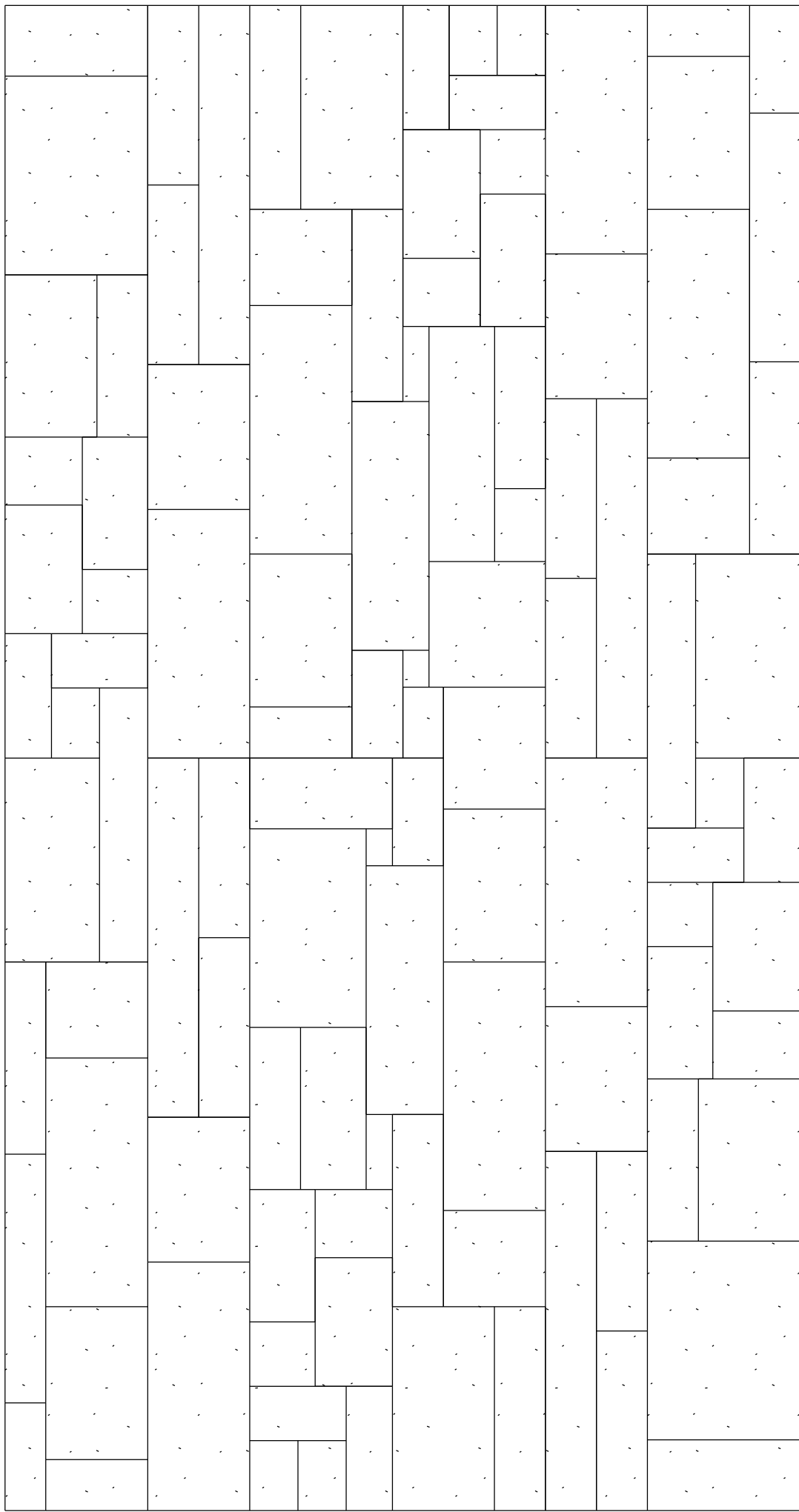
Panels and Posts shall be Natural Gray and Sealed with an Approved Concrete Sealer then covered in an Anti-Graffiti Coating Approved by the Engineer.

FOUNDATION PREPARATION:

Contrary to Section 603.04.03, Foundation Preparation will be measured as Lump sum. Structure Excavation Common, Structure Excavation Solid Rock, Structure Excavation Unclassified, and Foundation Undercut will not be measured for separate payment but shall be incidental to Foundation Preparation.

SITE PREPARATION:

Site Preparation will be measured as Lump Sum. The work will include, but not be limited to incidental excavation, grading, backfilling; removal of obstructions or any other items; disposal of materials, waste, and debris; and restoration. Perform all site preparation only as approved or directed by the Engineer. Other than the specific items listed, all site preparation work besides clearing and grubbing will be incidental to the lump sum bid for Site Preparation.



ARCHITECTURAL TREATMENT DETAILS
CUT ASHLAR STONE STYLE

NOTE: Partial width liners shall be arranged so that the random rough stacked rock pattern does not repeat with adjacent panels.

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	 TEAM KENTUCKY THOUSANDS OF MILES THOUSANDS OF VIEWS	REVISION	DATE		DATE: 2/14/2025 DESIGNED BY: J. ZHOU DETAILED BY: I. SHAH	CHECKED BY J. JONES J. JONES	GENERAL NOTES	ROUTE I-264	ITEM NO. 5-804.00 SHEET NO. 502	COUNTY OF JEFFERSON DRAWING NUMBER 28951
							CROSSING			
							SOUND BARRIER WALL			

SPECIFICATIONS:

All references to the Standard Specifications are to the 2019 edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction, with current supplemental specifications. All references to the AASHTO Specifications are to the 9th edition of the AASHTO LRFD Bridge Design Specifications.

DESIGN LOAD:

The barrier-mounted sound wall is designed for vehicular collision forces in accordance with the 9th edition of the AASHTO LRFD Bridge Design Specifications.

CONSTRUCTION JOINTS:

Unless shown otherwise, the concrete surface at all construction joints shall be intentionally roughened to a minimum 1/4" amplitude. Where keyed construction joints are indicated on the Plans, intentional roughening of the concrete is not required.

WIND LOAD:

This sound barrier wall is designed for a wind load based on a 3 second gust wind speed of 115 mph and Wind Exposure Category B. Contrary to the AASHTO LRFD Bridge Design Specifications, a load factor of 1.25 is applied to all wind loads for strength load cases.

DEFLECTION LIMITS:

This sound barrier wall is designed for a lateral tip deflection limit of 1/4 inch under strength loads. Under service loads, the lateral deflection at the top of the wall is limited to the lesser of 1.5% of the wall height or 4 inches. The deflection is measured relative to the point of fixity in soil or rock. Deflection at the base of the wall is to be less than 1 inch.

SERVICE LIFE:

This sound barrier wall is designed to achieve a minimum service life of 75 years.

UTILITIES:

Prior to excavating for the drilled shafts, field verify the location of all existing underground utilities. Should a utility be damaged by the contractor's negligence, replace the damaged section of the utility at no additional cost to the Department of Highways.

For locations where the sound barrier wall is too close to overhead utilities to be installed from the top, the contractor is permitted to modify the panels and columns to allow the panels to be installed from the side. Once panels are installed from the side and centered between posts, grout between both panel ends and the adjoining post. Any modifications to the sounds barrier wall must be submitted to the Engineer a minimum of 30 working days prior to fabrication for approval.

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.

MATERIAL DESIGN SPECIFICATIONS:

For Class "A" Concrete
f'c = 3,500 psi
For Class "AA" Concrete
f'c = 4,000 psi
For Class "D Modified" Precast Concrete
f'c = 5,000 psi
For Steel Reinforcement
Fy = 60,000 psi

See Special Note 11C for Drilled Shaft Concrete requirements.

CONCRETE:

Class "A" concrete shall be used for drilled shafts.
Class "AA" concrete shall be used for moment slabs, railing, and pedestals.
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REINFORCEMENT:

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ANCHOR BOLTS, NUTS, AND WASHERS:

Provide Anchor Bolts conforming to ASTM F1554, Grade 105.
Provide Heavy Hex Nuts conforming to ASTM A563DH.
Provide Lock Washers, Hardened Washers and Flat Washers conforming to ASTM F436.
Galvanize all Anchor Bolts and Hardware in accordance with ASTM A153.

BASE PLATES:

Provide Structural Steel conforming to AASHTO M-270, Grade 36.
Galvanize plates in accordance with ASTM A123.
Repair Damaged Galvanizing in accordance with ASTM A780.

FOAM BACKER ROD:

The backer rod shall be an expanded, closed cell polyethylene foam of 1 inch diameter. Other backup materials (paper, rope, and open cell foam) are not acceptable. Furnish foam backer rod meeting ASTM D5249, Type 1 or 3.

DIMENSIONS:

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

The Contractor is responsible to verify all dimensions and geometry in the field as necessary for proper fit for construction.

SHOP DRAWINGS:

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LIFTING AND HANDLING:

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SOUND BARRIER WALL INSTALLATION:

Install Anchor Bolts, Posts, and Panels vertically plumb.

FINISHES:

See Architectural Treatment Details for Panel Architectural Treatment. Match Architectural Treatment To The Existing Sound Walls

Fabricate Posts with a Smooth form texture on all sides but the roadway side or front face. Roadway side or front face of Posts to have a Magnesium Troweled Smooth Finish.

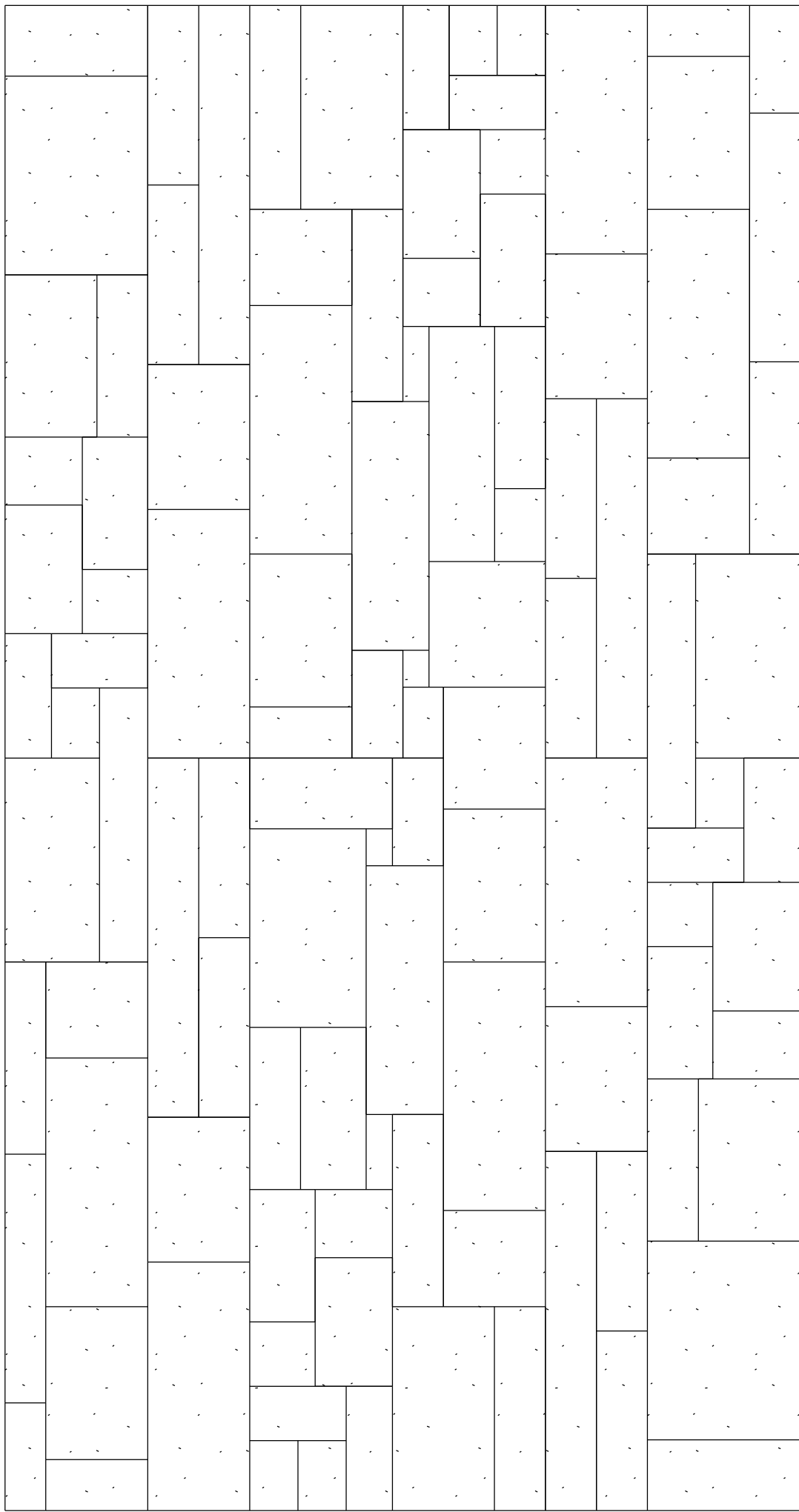
Panels and Posts shall be Natural Gray and Sealed with an Approved Concrete Sealer then covered in an Anti-Graffiti Coating Approved by the Engineer.

FOUNDATION PREPARATION:

Contrary to Section 603.04.03, Foundation Preparation will be measured as lump sum. Structure Excavation Common, Structure Excavation Solid Rock, Structure Excavation Unclassified, and Foundation Undercut will not be measured for separate payment but shall be incidental to Foundation Preparation.

SITE PREPARATION:

Site Preparation will be measured as Lump Sum. The work will include, but not be limited to incidental excavation, grading, backfilling; removal of obstructions or any other items; disposal of materials, waste, and debris; and restoration. Perform all site preparation only as approved or directed by the Engineer. Other than the specific items listed, all site preparation work besides clearing and grubbing will be incidental to the lump sum bid for Site Preparation.



ARCHITECTURAL TREATMENT DETAILS
CUT ASHLAR STONE STYLE

NOTE: Partial width liners shall be arranged so that the random rough stacked rock pattern does not repeat with adjacent panels.

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	TEAM  KENTUCKY TRANSPORTATION		REVISION	DATE		DATE: 2/14/2025	CHECKED BY J. JONES	GENERAL NOTES CROSSING SOUND BARRIER WALL	ROUTE I-264	ITEM NO. 5-804.00 SHEET NO. 502	COUNTY OF JEFFERSON DRAWING NUMBER 28951