



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

December 1, 2022

CALL NO. 200
CONTRACT ID NO. 221059
ADDENDUM # 2

Subject: BOONE COUNTY, 121GR22D059-STP
Letting December 8, 2022

- (1) Revised - Material Summary - Pages 373-379 of 434
- (2) Revised - Proposal Bid Items - Pages 428-434 of 434
- (3) Revised - Plan Sheets - R1, R2, and R2M

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

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

Sincerely,

Rachel Mills,

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

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

RM:mr
Enclosures

MATERIAL SUMMARY

CONTRACT ID: 221059

121GR22D059- STP

DE00802362259

DONALDSON HIGHWAY(KY-236) IMPROVE SAFETY AND REDUCE CONGESTION ALONG KY-236
(DONALDSON ROAD)
FROM KY-842 (HOUSTON ROAD) TO KY-3076 (MINEOLA PIKE) GRADE & DRAIN WITH ASPHALT SURFACE, A

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00003	CRUSHED STONE BASE	33,156.00	TON
0010	00013	LIME STABILIZED ROADBED	75,639.00	SQYD
0015	00014	LIME	2,206.00	TON
0020	00100	ASPHALT SEAL AGGREGATE	33.00	TON
0025	00103	ASPHALT SEAL COAT	4.00	TON
0030	00194	LEVELING & WEDGING PG76-22	104.00	TON
0035	00214	CL3 ASPH BASE 1.00D PG64-22	33,987.00	TON
0040	00216	CL3 ASPH BASE 1.00D PG76-22	15,122.00	TON
0045	00221	CL2 ASPH BASE 0.75D PG64-22	1,147.00	TON
0050	00296	ASPHALT PRIME COAT	42.00	TON
0055	00301	CL2 ASPH SURF 0.38D PG64-22	626.00	TON
0060	00336	CL3 ASPH SURF 0.38A PG76-22	8,412.00	TON
0065	00356	ASPHALT MATERIAL FOR TACK	113.00	TON
0070	00358	ASPHALT CURING SEAL	76.00	TON
0075	02101	CEM CONC ENT PAVEMENT-8 IN	2,911.00	SQYD
0080	02676	MOBILIZATION FOR MILL & TEXT - BOONE	1.00	LS
0085	02677	ASPHALT PAVE MILLING & TEXTURING	138.00	TON
0090	02702	SAND FOR BLOTTER	95.00	TON
0095	21799EN	BORE AND JACK PIPE-24 IN	119.00	LF
0100	23126EN	BORE AND JACK PIPE-18 IN	105.00	LF
0105	00021	DRAINAGE BLANKET-EMBANKMENT	1,500.00	CUYD
0110	00078	CRUSHED AGGREGATE SIZE NO 2	209.00	TON
0115	00440	ENTRANCE PIPE-15 IN	76.00	LF
0120	00462	CULVERT PIPE-18 IN	39.00	LF
0125	00464	CULVERT PIPE-24 IN	42.00	LF
0130	00466	CULVERT PIPE-30 IN	120.00	LF
0135	01810	STANDARD CURB AND GUTTER	18,165.00	LF
0140	01875	STANDARD HEADER CURB	1,944.00	LF
0145	01917	STANDARD BARRIER MEDIAN TYPE 2	287.00	SQYD
0150	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	10.00	EACH
0155	02015	CEMENT CONCRETE ISLAND	54.00	SQYD
0160	02159	TEMP DITCH	5,655.00	LF
0165	02160	CLEAN TEMP DITCH	2,828.00	LF
0170	02200	ROADWAY EXCAVATION	178,784.00	CUYD
0175	02242	WATER	2,141.00	MGAL
0180	02351	GUARDRAIL-STEEL W BEAM-S FACE	425.00	LF
0185	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0190	02360	GUARDRAIL TERMINAL SECTION NO 1	3.00	EACH
0195	02367	GUARDRAIL END TREATMENT TYPE 1	2.00	EACH
0200	02381	REMOVE GUARDRAIL	475.00	LF
0205	02391	GUARDRAIL END TREATMENT TYPE 4A	1.00	EACH
0210	02397	TEMP GUARDRAIL	825.00	LF
0215	02429	RIGHT-OF-WAY MONUMENT TYPE 1	69.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0220	02432	WITNESS POST	3.00	EACH
0225	02483	CHANNEL LINING CLASS II	819.00	TON
0230	02545	CLEARING AND GRUBBING - 14.51 ACRES BOONE	1.00	LS
0235	02562	TEMPORARY SIGNS	461.00	SQFT
0240	02585	EDGE KEY	1,198.00	LF
0245	02602	FABRIC-GEOTEXTILE CLASS 1	75,638.00	SQYD
0250	02603	FABRIC-GEOTEXTILE CLASS 2	9,500.00	SQYD
0255	02604	FABRIC-GEOTEXTILE CLASS 1A	1,000.00	SQYD
0260	02650	MAINTAIN & CONTROL TRAFFIC - BOONE	1.00	LS
0265	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0270	02690	SAFELOADING	1,165.00	CUYD
0275	02701	TEMP SILT FENCE	5,655.00	LF
0280	02703	SILT TRAP TYPE A	38.00	EACH
0285	02704	SILT TRAP TYPE B	38.00	EACH
0290	02705	SILT TRAP TYPE C	38.00	EACH
0295	02706	CLEAN SILT TRAP TYPE A	38.00	EACH
0300	02707	CLEAN SILT TRAP TYPE B	38.00	EACH
0305	02708	CLEAN SILT TRAP TYPE C	38.00	EACH
0310	02720	SIDEWALK-4 IN CONCRETE	6,045.00	SQYD
0315	02726	STAKING - BOONE	1.00	LS
0320	03171	CONCRETE BARRIER WALL TYPE 9T	860.00	LF
0330	05950	EROSION CONTROL BLANKET	9,743.00	SQYD
0335	05952	TEMP MULCH	122,186.00	SQYD
0340	05953	TEMP SEEDING AND PROTECTION	91,183.00	SQYD
0345	05963	INITIAL FERTILIZER	2.40	TON
0350	05964	MAINTENANCE FERTILIZER	3.90	TON
0355	05985	SEEDING AND PROTECTION	52,660.00	SQYD
0360	05990	SODDING	14,927.00	SQYD
0365	05992	AGRICULTURAL LIMESTONE	47.00	TON
0370	05998	SPREADING STOCKPILED TOPSOIL	2,488.00	CUYD
0375	06511	PAVE STRIPING-TEMP PAINT-6 IN	163,237.00	LF
0380	06582	PAVEMENT MARKER TYPE IV-BY	1,513.00	EACH
0385	08018	RETAINING WALL	3,528.00	SQFT
0390	08100	CONCRETE-CLASS A	17.00	CUYD
0395	08901	CRASH CUSHION TY VI CLASS BT TL2	3.00	EACH
0400	10020NS	FUEL ADJUSTMENT	141,765.00	DOLL
0405	10030NS	ASPHALT ADJUSTMENT	232,531.00	DOLL
0410	20191ED	OBJECT MARKER TY 3	4.00	EACH
0415	20430ED	SAW CUT	279.00	LF
0420	20818ND	GAS UTILITY COORDINATION - BOONE	1.00	LS
0425	21289ED	LONGITUDINAL EDGE KEY	26.00	LF
0430	21596ND	GMSS TYPE D	10.00	EACH
0435	22680EN	QWICK CURB MEDIAN SEPARATOR	995.00	LF
0440	23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	1,251.00	LF
0445	23158ES505	DETECTABLE WARNINGS	1,626.00	SQFT
0450	23188EC	STAMPED CONCRETE-10 IN	157.00	SQYD
0455	23274EN11F	TURF REINFORCEMENT MAT 1	481.00	SQYD
0460	23626EC	DETENTION BASIN - BOONE	1.00	LS
0465	24631EC	BARCODE SIGN INVENTORY	30.00	EACH
0470	24814EC	PIPELINE INSPECTION	6,340.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0475	24845EC	UTILITY COORDINATION - BOONE	1.00	LS
0480	26129EC	DECORATIVE HANDRAIL	790.00	LF
0485	00078	CRUSHED AGGREGATE SIZE NO 2	9.00	TON
0490	00440	ENTRANCE PIPE-15 IN	105.00	LF
0495	00462	CULVERT PIPE-18 IN	41.00	LF
0500	00464	CULVERT PIPE-24 IN	599.00	LF
0505	00521	STORM SEWER PIPE-15 IN	2,685.00	LF
0510	00522	STORM SEWER PIPE-18 IN	4,203.00	LF
0515	00524	STORM SEWER PIPE-24 IN	2,544.00	LF
0520	00526	STORM SEWER PIPE-30 IN	1,095.00	LF
0525	01000	PERFORATED PIPE-4 IN	14,406.00	LF
0530	01002	PERFORATED PIPE-8 IN	580.00	LF
0535	01010	NON-PERFORATED PIPE-4 IN	70.00	LF
0540	01012	NON-PERFORATED PIPE-8 IN	20.00	LF
0545	01020	PERF PIPE HEADWALL TY 1-4 IN	9.00	EACH
0550	01202	PIPE CULVERT HEADWALL-15 IN	2.00	EACH
0555	01204	PIPE CULVERT HEADWALL-18 IN	2.00	EACH
0560	01208	PIPE CULVERT HEADWALL-24 IN	10.00	EACH
0565	01210	PIPE CULVERT HEADWALL-30 IN	3.00	EACH
0570	01434	SLOPED BOX OUTLET TYPE 1-24 IN	4.00	EACH
0575	01443	SLOPED AND PARALLEL HEADWALL-15 IN	9.00	EACH
0580	01444	SLOPED AND PARALLEL HEADWALL-18 IN	2.00	EACH
0585	01456	CURB BOX INLET TYPE A	77.00	EACH
0590	01459	CURB BOX INLET TYPE A MOD	3.00	EACH
0595	01480	CURB BOX INLET TYPE B	3.00	EACH
0600	01497	DROP BOX INLET TYPE 3 MOD	10.00	EACH
0605	01544	DROP BOX INLET TYPE 11	1.00	EACH
0610	01559	DROP BOX INLET TYPE 13G	5.00	EACH
0615	01577	DROP BOX INLET TYPE 14	3.00	EACH
0620	01584	CAP DROP BOX INLET	8.00	EACH
0625	01650	JUNCTION BOX	7.00	EACH
0630	01756	MANHOLE TYPE A	3.00	EACH
0635	01761	MANHOLE TYPE B	1.00	EACH
0640	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	21,631.00	SQYD
0645	24810ED	SIDEWALK FLUME - BOONE	4.00	EACH
0650	06406	SBM ALUM SHEET SIGNS .080 IN	151.00	SQFT
0655	06410	STEEL POST TYPE 1	370.00	LF
0660	06490	CLASS A CONCRETE FOR SIGNS	2.00	CUYD
0665	06515	PAVE STRIPING-PERM PAINT-6 IN	38,658.00	LF
0670	06516	PAVE STRIPING-PERM PAINT-8 IN	8,553.00	LF
0675	06517	PAVE STRIPING-PERM PAINT-12 IN	496.00	LF
0680	06565	PAVE MARKING-THERMO X-WALK-6 IN	2,326.00	LF
0685	06568	PAVE MARKING-THERMO STOP BAR-24IN	509.00	LF
0690	06569	PAVE MARKING-THERMO CROSS-HATCH	4,275.00	SQFT
0695	06574	PAVE MARKING-THERMO CURV ARROW	179.00	EACH
0700	06576	PAVE MARKING-THERMO ONLY	5.00	EACH
0705	06610	INLAID PAVEMENT MARKER-MW	83.00	EACH
0710	06612	INLAID PAVEMENT MARKER-BY	90.00	EACH
0715	04780	FUSED CONNECTOR KIT	21.00	EACH
0720	04820	TRENCHING AND BACKFILLING	505.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0725	04844	CABLE-NO. 14/5C	7,590.00	LF
0730	04845	CABLE-NO. 14/7C	10,600.00	LF
0735	04885	MESSENGER-10800 LB	500.00	LF
0740	04886	MESSENGER-15400 LB	3,410.00	LF
0745	04932	INSTALL STEEL STRAIN POLE	28.00	EACH
0750	04953	TEMP RELOCATION OF SIGNAL HEAD	152.00	EACH
0755	06406	SBM ALUM SHEET SIGNS .080 IN	475.00	SQFT
0760	06472	INSTALL SPAN MOUNTED SIGN	53.00	EACH
0765	20093NS835	INSTALL PEDESTRIAN HEAD-LED	44.00	EACH
0770	20188NS835	INSTALL LED SIGNAL-3 SECTION	61.00	EACH
0775	20189NS835	INSTALL LED SIGNAL-5 SECTION	4.00	EACH
0780	20266ES835	INSTALL LED SIGNAL- 4 SECTION	4.00	EACH
0785	20390NS835	INSTALL COORDINATING UNIT	6.00	EACH
0790	21659NN	RELOCATE SIGNAL HEAD	7.00	EACH
0795	21743NN	INSTALL PEDESTRIAN DETECTOR	44.00	EACH
0800	22939ND	INSTALL LUMINAIRE POLE	1.00	EACH
0805	23157EN	TRAFFIC SIGNAL POLE BASE	152.00	CUYD
0810	23222EC	INSTALL SIGNAL PEDESTAL	8.00	EACH
0815	23235EC	INSTALL PEDESTAL POST	10.00	EACH
0820	23409EC	TRAFFIC SIGNAL POLE	4.00	EACH
0825	24601EC	INSTALL - SOLAR SCHOOL FLASHER ASSEMBLY	3.00	EACH
0830	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80	445.00	LF
0835	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	250.00	LF
0840	24908EC	INSTALL SIGNAL CONTROLLER-TY ATC	6.00	EACH
0845	24955ED	REMOVE SIGNAL EQUIPMENT	5.00	EACH
0850	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	25.00	EACH
0855	26120EC	INSTALL RADAR ADVANCE DETECTOR TYPE B	15.00	EACH
0860	14005	W ENCASEMENT CONCRETE	70.00	LF
0865	14009	W ENCASEMENT STEEL BORED RANGE 4	90.00	LF
0870	14010	W ENCASEMENT STEEL BORED RANGE 5	309.00	LF
0875	14011	W ENCASEMENT STEEL BORED RANGE 6	478.00	LF
0880	14019	W FIRE HYDRANT ASSEMBLY	1.00	EACH
0885	14020	W FIRE HYDRANT RELOCATE	16.00	EACH
0890	14030	W METER RELOCATE	18.00	EACH
0895	14032	W METER/FIRE SERVICE COMBO VAULT	1.00	EACH
0900	14036	W PIPE DUCTILE IRON 06 INCH	101.00	LF
0905	14037	W PIPE DUCTILE IRON 08 INCH	960.00	LF
0910	14039	W PIPE DUCTILE IRON 12 INCH	1,316.00	LF
0915	14042	W PIPE DUCTILE IRON 24 INCH	8,694.00	LF
0920	14088	W STRUCTURE REMOVAL	1.00	EACH
0925	14091	W TIE-IN 02 INCH	2.00	EACH
0930	14094	W TIE-IN 06 INCH	8.00	EACH
0935	14095	W TIE-IN 08 INCH	7.00	EACH
0940	14097	W TIE-IN 12 INCH	8.00	EACH
0945	14100	W TIE-IN 24 INCH	2.00	EACH
0950	14105	W VALVE 06 INCH	7.00	EACH
0955	14106	W VALVE 08 INCH	9.00	EACH
0960	14108	W VALVE 12 INCH	7.00	EACH
0965	14111	W VALVE 24 INCH	15.00	EACH
0970	14125	W VAULT SPECIAL	1.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0975	14146	W SERV COPPER LONG SIDE 1-1/2 IN	2.00	EACH
0980	14147	W SERV COPPER LONG SIDE 2 IN	1.00	EACH
0985	14148	W SERV COPPER LONG SIDE 3/4 IN	13.00	EACH
0990	14151	W SERV COPPER SHORT SIDE 2 IN	1.00	EACH
0995	14152	W SERV COPPER SHORT SIDE 3/4 IN	15.00	EACH
1000	15000	S BYPASS PUMPING	9.00	EACH
1005	15017	S ENCASEMENT STEEL BORED RANGE 4	72.00	LF
1010	15018	S ENCASEMENT STEEL BORED RANGE 5	381.00	LF
1015	15067	S FORCE MAIN POINT RELOCATE	1.00	EACH
1020	15086	S LATERAL CLEANOUT	4.00	EACH
1025	15087	S LATERAL LONG SIDE 04 INCH	1.00	EACH
1030	15089	S LATERAL SHORT SIDE 04 INCH	3.00	EACH
1035	15092	S MANHOLE	12.00	EACH
1040	15093	S MANHOLE ABANDON/REMOVE	10.00	EACH
1045	15094	S MANHOLE ADJUST TO GRADE	7.00	EACH
1050	15095	S MANHOLE CASTING STANDARD	6.00	EACH
1055	15098	S MANHOLE SPECIAL	4.00	EACH
1060	15099	S MANHOLE TAP EXISTING	1.00	EACH
1065	15112	S PIPE PVC 08 INCH	225.00	LF
1070	15113	S PIPE PVC 10 INCH	255.00	LF
1075	15114	S PIPE PVC 12 INCH	1,490.00	LF
1080	15136	S LATERAL LOCATE	4.00	EACH
1085	02568	MOBILIZATION	1.00	LS
1090	02569	DEMOBILIZATION	1.00	LS
1095	16076	G SPECIAL ITEM	31.00	EACH
1100	16515	G PIPE POLYETHYLENE/PLASTIC 02 INCH INST	21.00	LF
1105	16517	G PIPE POLYETHYLENE/PLASTIC 04 INCH INST	80.00	LF
1110	16519	G PIPE POLYETHYLENE/PLASTIC 08 INCH INST	80.00	LF
1115	16521	G PIPE POLYETHYLENE/PLASTIC 12 INCH INST	8,800.00	LF
1120	16531	G SERVICE LONG SIDE 1 OR 1-1/4 INCH INST	11.00	EACH
1125	16533	G SERVICE LONG SIDE 2 INCH INST	3.00	EACH
1130	16536	G SERVICE SHORT SIDE 1 OR 1-1/4 INCH INST	12.00	EACH
1135	16538	G SERVICE SHORT SIDE 2 INCH INST	5.00	EACH
1140	16540	G SERVICE SPECIAL INST	1.00	EACH
1145	16553	G VALVE POLYETHYLENE/PLASTIC 08 IN INST	7.00	EACH
1150	16555	G VALVE POLYETHYLENE/PLASTIC 12 IN INST	4.00	EACH
1155	17001	EC COMMUNICATIONS PULL BOX	24.00	EACH
1160	17003	EC DUCT - 02 BANK	575.00	LF
1165	17007	EC DUCT - 04 BANK	3,884.00	LF
1170	17008	EC DUCT - 04 BANK CONCRETE ENCASED	400.00	LF
1175	17011	EC DUCT - 06 BANK	3,884.00	LF
1180	17012	EC DUCT - 06 BANK CONCRETE ENCASED	400.00	LF
1185	17028	EC ELECTRIC MANHOLE	8.00	EACH
1190	17029	EC ELECTRIC PIT	2.00	EACH

CONTRACT ID: 221059

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DE05903262259

DONALDSON HIGHWAY(KY-236) IMPROVE SAFETY AND REDUCE CONGESTION ALONG KY-236
(DONALDSON ROAD)

MATERIAL SUMMARY

FROM KY-842 (HOUSTON ROAD) TO KY-3076 GRADE & DRAIN WITH ASPHALT SURFACE, A DISTANCE OF .09

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1195	00003	CRUSHED STONE BASE	1,081.00	TON
1200	00013	LIME STABILIZED ROADBED	3,693.00	SQYD
1205	00014	LIME	108.00	TON
1210	00214	CL3 ASPH BASE 1.00D PG64-22	1,370.00	TON
1215	00216	CL3 ASPH BASE 1.00D PG76-22	678.00	TON
1220	00221	CL2 ASPH BASE 0.75D PG64-22	43.00	TON
1225	00296	ASPHALT PRIME COAT	2.00	TON
1230	00301	CL2 ASPH SURF 0.38D PG64-22	24.00	TON
1235	00336	CL3 ASPH SURF 0.38A PG76-22	456.00	TON
1240	00356	ASPHALT MATERIAL FOR TACK	5.00	TON
1245	00358	ASPHALT CURING SEAL	4.00	TON
1250	02101	CEM CONC ENT PAVEMENT-8 IN	213.00	SQYD
1255	02702	SAND FOR BLOTTER	5.00	TON
1260	00078	CRUSHED AGGREGATE SIZE NO 2	2.00	TON
1265	01810	STANDARD CURB AND GUTTER	729.00	LF
1270	01921	STANDARD BARRIER MEDIAN TYPE 4	143.00	SQYD
1275	02159	TEMP DITCH	469.00	LF
1280	02160	CLEAN TEMP DITCH	234.50	LF
1285	02200	ROADWAY EXCAVATION	2,807.00	CUYD
1290	02242	WATER	469.00	MGAL
1295	02429	RIGHT-OF-WAY MONUMENT TYPE 1	9.00	EACH
1300	02545	CLEARING AND GRUBBING - 0.32 ACRES KENTON	1.00	LS
1305	02562	TEMPORARY SIGNS	113.00	SQFT
1310	02585	EDGE KEY	192.00	LF
1315	02602	FABRIC-GEOTEXTILE CLASS 1	3,693.00	SQYD
1320	02650	MAINTAIN & CONTROL TRAFFIC - KENTON	1.00	LS
1325	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
1330	02690	SAFELOADING	2.00	CUYD
1335	02701	TEMP SILT FENCE	469.00	LF
1340	02703	SILT TRAP TYPE A	2.00	EACH
1345	02704	SILT TRAP TYPE B	2.00	EACH
1350	02705	SILT TRAP TYPE C	2.00	EACH
1355	02706	CLEAN SILT TRAP TYPE A	2.00	EACH
1360	02707	CLEAN SILT TRAP TYPE B	2.00	EACH
1365	02708	CLEAN SILT TRAP TYPE C	2.00	EACH
1370	02720	SIDEWALK-4 IN CONCRETE	660.00	SQYD
1375	02726	STAKING - KENTON	1.00	LS
1380	05950	EROSION CONTROL BLANKET	311.00	SQYD
1385	05952	TEMP MULCH	6,943.00	SQYD
1390	05953	TEMP SEEDING AND PROTECTION	5,181.00	SQYD
1395	05963	INITIAL FERTILIZER	.10	TON
1400	05964	MAINTENANCE FERTILIZER	.20	TON
1405	05985	SEEDING AND PROTECTION	3,167.00	SQYD
1410	05990	SODDING	1,022.00	SQYD
1415	05992	AGRICULTURAL LIMESTONE	2.00	TON
1420	05998	SPREADING STOCKPILED TOPSOIL	170.00	CUYD
1425	06511	PAVE STRIPING-TEMP PAINT-6 IN	8,930.00	LF
1430	06582	PAVEMENT MARKER TYPE IV-BY	106.00	EACH

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1435	10020NS	FUEL ADJUSTMENT	358.00	DOLL
1440	21289ED	LONGITUDINAL EDGE KEY	842.00	LF
1445	22680EN	QWICK CURB MEDIAN SEPARATOR	151.00	LF
1450	23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	234.00	LF
1455	23158ES505	DETECTABLE WARNINGS	20.00	SQFT
1460	24631EC	BARCODE SIGN INVENTORY	5.00	EACH
1465	24814EC	PIPELINE INSPECTION	322.00	LF
1470	00078	CRUSHED AGGREGATE SIZE NO 2	2.00	TON
1475	00521	STORM SEWER PIPE-15 IN	533.00	LF
1480	00522	STORM SEWER PIPE-18 IN	83.00	LF
1485	00524	STORM SEWER PIPE-24 IN	5.00	LF
1490	01000	PERFORATED PIPE-4 IN	1,479.00	LF
1495	01002	PERFORATED PIPE-8 IN	27.00	LF
1500	01010	NON-PERFORATED PIPE-4 IN	10.00	LF
1505	01020	PERF PIPE HEADWALL TY 1-4 IN	2.00	EACH
1510	01456	CURB BOX INLET TYPE A	7.00	EACH
1515	01559	DROP BOX INLET TYPE 13G	1.00	EACH
1520	01584	CAP DROP BOX INLET	2.00	EACH
1525	01650	JUNCTION BOX	2.00	EACH
1530	01756	MANHOLE TYPE A	1.00	EACH
1535	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,087.00	SQYD
1540	06406	SBM ALUM SHEET SIGNS .080 IN	33.00	SQFT
1545	06410	STEEL POST TYPE 1	90.00	LF
1550	06515	PAVE STRIPING-PERM PAINT-6 IN	4,052.00	LF
1555	06516	PAVE STRIPING-PERM PAINT-8 IN	206.00	LF
1560	06565	PAVE MARKING-THERMO X-WALK-6 IN	220.00	LF
1565	06566	PAVE MARKING-THERMO X-WALK-12 IN	530.00	LF
1570	06568	PAVE MARKING-THERMO STOP BAR-24IN	108.00	LF
1575	06574	PAVE MARKING-THERMO CURV ARROW	19.00	EACH
1580	06610	INLAID PAVEMENT MARKER-MW	10.00	EACH
1585	06612	INLAID PAVEMENT MARKER-BY	13.00	EACH
1590	02568	MOBILIZATION	1.00	LS
1595	02569	DEMOBILIZATION	1.00	LS
1600	15000	S BYPASS PUMPING	2.00	EACH
1605	15017	S ENCASMENT STEEL BORED RANGE 4	80.00	LF
1610	15092	S MANHOLE	1.00	EACH
1615	15093	S MANHOLE ABANDON/REMOVE	1.00	EACH
1620	15094	S MANHOLE ADJUST TO GRADE	1.00	EACH
1625	15099	S MANHOLE TAP EXISTING	1.00	EACH
1630	15112	S PIPE PVC 08 INCH	151.00	LF

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	34,237.00	TON		\$	
0020	00013		LIME STABILIZED ROADBED	79,332.00	SQYD		\$	
0030	00014		LIME	2,314.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	33.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	4.00	TON		\$	
0060	00194		LEVELING & WEDGING PG76-22	104.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	35,357.00	TON		\$	
0080	00216		CL3 ASPH BASE 1.00D PG76-22	15,800.00	TON		\$	
0090	00221		CL2 ASPH BASE 0.75D PG64-22	1,190.00	TON		\$	
0100	00296		ASPHALT PRIME COAT	44.00	TON		\$	
0110	00301		CL2 ASPH SURF 0.38D PG64-22	650.00	TON		\$	
0120	00336		CL3 ASPH SURF 0.38A PG76-22	8,868.00	TON		\$	
0130	00356		ASPHALT MATERIAL FOR TACK	118.00	TON		\$	
0140	00358		ASPHALT CURING SEAL	80.00	TON		\$	
0150	02101		CEM CONC ENT PAVEMENT-8 IN	3,124.00	SQYD		\$	
0160	02676		MOBILIZATION FOR MILL & TEXT BOONE	1.00	LS		\$	
0170	02677		ASPHALT PAVE MILLING & TEXTURING	138.00	TON		\$	
0180	02702		SAND FOR BLOTTER	100.00	TON		\$	
0190	21799EN		BORE AND JACK PIPE-24 IN	119.00	LF		\$	
0200	23126EN		BORE AND JACK PIPE-18 IN	105.00	LF		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0210	00021		DRAINAGE BLANKET-EMBANKMENT	1,500.00	CUYD		\$	
0220	00078		CRUSHED AGGREGATE SIZE NO 2	211.00	TON		\$	
0230	00440		ENTRANCE PIPE-15 IN	76.00	LF		\$	
0240	00462		CULVERT PIPE-18 IN	39.00	LF		\$	
0250	00464		CULVERT PIPE-24 IN	42.00	LF		\$	
0260	00466		CULVERT PIPE-30 IN	120.00	LF		\$	
0270	01810		STANDARD CURB AND GUTTER	18,894.00	LF		\$	
0280	01875		STANDARD HEADER CURB	1,944.00	LF		\$	
0290	01917		STANDARD BARRIER MEDIAN TYPE 2	287.00	SQYD		\$	
0300	01921		STANDARD BARRIER MEDIAN TYPE 4	143.00	SQYD		\$	
0310	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	10.00	EACH		\$	
0320	02015		CEMENT CONCRETE ISLAND	54.00	SQYD		\$	
0330	02159		TEMP DITCH	6,124.00	LF		\$	
0340	02160		CLEAN TEMP DITCH	3,062.50	LF		\$	
0350	02200		ROADWAY EXCAVATION	181,591.00	CUYD		\$	
0360	02242		WATER	2,610.00	MGAL		\$	
0370	02351		GUARDRAIL-STEEL W BEAM-S FACE	425.00	LF		\$	
0380	02360		GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH		\$	
0390	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		\$	
0400	02381		REMOVE GUARDRAIL	475.00	LF		\$	

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0410	02391		GUARDRAIL END TREATMENT TYPE 4A	1.00	EACH		\$	
0420	02397		TEMP GUARDRAIL	825.00	LF		\$	
0430	02429		RIGHT-OF-WAY MONUMENT TYPE 1	78.00	EACH		\$	
0440	02432		WITNESS POST	3.00	EACH		\$	
0450	02483		CHANNEL LINING CLASS II	819.00	TON		\$	
0460	02545		CLEARING AND GRUBBING 0.32 ACRES KENTON	1.00	LS		\$	
0470	02545		CLEARING AND GRUBBING 14.51 ACRES BOONE	1.00	LS		\$	
0480	02562		TEMPORARY SIGNS	574.00	SQFT		\$	
0490	02585		EDGE KEY	1,390.00	LF		\$	
0500	02602		FABRIC-GEOTEXTILE CLASS 1	79,331.00	SQYD		\$	
0510	02603		FABRIC-GEOTEXTILE CLASS 2	9,500.00	SQYD		\$	
0520	02604		FABRIC-GEOTEXTILE CLASS 1A	1,000.00	SQYD		\$	
0530	02650		MAINTAIN & CONTROL TRAFFIC BOONE	1.00	LS		\$	
0540	02650		MAINTAIN & CONTROL TRAFFIC KENTON	1.00	LS		\$	
0550	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0560	02690		SAFELoading	1,167.00	CUYD		\$	
0570	02701		TEMP SILT FENCE	6,124.00	LF		\$	
0580	02703		SILT TRAP TYPE A	40.00	EACH		\$	
0590	02704		SILT TRAP TYPE B	40.00	EACH		\$	
0600	02705		SILT TRAP TYPE C	40.00	EACH		\$	
0610	02706		CLEAN SILT TRAP TYPE A	40.00	EACH		\$	
0620	02707		CLEAN SILT TRAP TYPE B	40.00	EACH		\$	
0630	02708		CLEAN SILT TRAP TYPE C	40.00	EACH		\$	
0640	02720		SIDEWALK-4 IN CONCRETE	6,705.00	SQYD		\$	
0650	02726		STAKING BOONE	1.00	LS		\$	
0660	02726		STAKING KENTON	1.00	LS		\$	
0670	03171		CONCRETE BARRIER WALL TYPE 9T	860.00	LF		\$	
0690	05950		EROSION CONTROL BLANKET	10,054.00	SQYD		\$	
0700	05952		TEMP MULCH	129,129.00	SQYD		\$	
0710	05953		TEMP SEEDING AND PROTECTION	96,364.00	SQYD		\$	
0720	05963		INITIAL FERTILIZER	2.50	TON		\$	
0730	05964		MAINTENANCE FERTILIZER	4.10	TON		\$	
0740	05985		SEEDING AND PROTECTION	55,827.00	SQYD		\$	
0750	05990		SODDING	15,949.00	SQYD		\$	
0760	05992		AGRICULTURAL LIMESTONE	49.00	TON		\$	
0770	05998		SPREADING STOCKPILED TOPSOIL	2,658.00	CUYD		\$	
0780	06511		PAVE STRIPING-TEMP PAINT-6 IN	172,167.00	LF		\$	
0790	06582		PAVEMENT MARKER TYPE IV-BY	1,619.00	EACH		\$	
0800	08018		RETAINING WALL	3,528.00	SQFT		\$	
0810	08100		CONCRETE-CLASS A	17.00	CUYD		\$	
0820	08901		CRASH CUSHION TY VI CLASS BT TL2	3.00	EACH		\$	
0830	10020NS		FUEL ADJUSTMENT	142,123.00	DOLL	\$1.00	\$	\$142,123.00
0840	10030NS		ASPHALT ADJUSTMENT	232,531.00	DOLL	\$1.00	\$	\$232,531.00
0850	20191ED		OBJECT MARKER TY 3	4.00	EACH		\$	
0860	20430ED		SAW CUT	279.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0870	20818ND		GAS UTILITY COORDINATION BOONE	1.00	LS		\$	
0880	21289ED		LONGITUDINAL EDGE KEY	868.00	LF		\$	
0890	21596ND		GMSS TYPE D	10.00	EACH		\$	
0900	22680EN		QWICK CURB MEDIAN SEPARATOR	1,146.00	LF		\$	
0910	23010EN		PAVE MARK TEMP PAINT STOP BAR-24 IN	1,485.00	LF		\$	
0920	23158ES505		DETECTABLE WARNINGS	1,646.00	SQFT		\$	
0930	23188EC		STAMPED CONCRETE-10 IN	157.00	SQYD		\$	
0940	23274EN11F		TURF REINFORCEMENT MAT 1	481.00	SQYD		\$	
0950	23626EC		DETENTION BASIN BOONE	1.00	LS		\$	
0960	24631EC		BARCODE SIGN INVENTORY	35.00	EACH		\$	
0970	24814EC		PIPELINE INSPECTION	6,662.00	LF		\$	
0980	24845EC		UTILITY COORDINATION BOONE	1.00	LS		\$	
0990	26129EC		DECORATIVE HANDRAIL	790.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1000	00078		CRUSHED AGGREGATE SIZE NO 2	11.00	TON		\$	
1010	00440		ENTRANCE PIPE-15 IN	105.00	LF		\$	
1020	00462		CULVERT PIPE-18 IN	41.00	LF		\$	
1030	00464		CULVERT PIPE-24 IN	599.00	LF		\$	
1040	00521		STORM SEWER PIPE-15 IN	3,218.00	LF		\$	
1050	00522		STORM SEWER PIPE-18 IN	4,286.00	LF		\$	
1060	00524		STORM SEWER PIPE-24 IN	2,549.00	LF		\$	
1070	00526		STORM SEWER PIPE-30 IN	1,095.00	LF		\$	
1080	01000		PERFORATED PIPE-4 IN	15,885.00	LF		\$	
1090	01002		PERFORATED PIPE-8 IN	607.00	LF		\$	
1100	01010		NON-PERFORATED PIPE-4 IN	80.00	LF		\$	
1110	01012		NON-PERFORATED PIPE-8 IN	20.00	LF		\$	
1120	01020		PERF PIPE HEADWALL TY 1-4 IN	11.00	EACH		\$	
1130	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		\$	
1140	01204		PIPE CULVERT HEADWALL-18 IN	2.00	EACH		\$	
1150	01208		PIPE CULVERT HEADWALL-24 IN	10.00	EACH		\$	
1160	01210		PIPE CULVERT HEADWALL-30 IN	3.00	EACH		\$	
1170	01434		SLOPED BOX OUTLET TYPE 1-24 IN	4.00	EACH		\$	
1180	01443		SLOPED AND PARALLEL HEADWALL-15 IN	9.00	EACH		\$	
1190	01444		SLOPED AND PARALLEL HEADWALL-18 IN	2.00	EACH		\$	
1200	01456		CURB BOX INLET TYPE A	84.00	EACH		\$	
1210	01459		CURB BOX INLET TYPE A MOD	3.00	EACH		\$	
1220	01480		CURB BOX INLET TYPE B	3.00	EACH		\$	
1230	01497		DROP BOX INLET TYPE 3 MOD	10.00	EACH		\$	
1240	01544		DROP BOX INLET TYPE 11	1.00	EACH		\$	
1250	01559		DROP BOX INLET TYPE 13G	6.00	EACH		\$	
1260	01577		DROP BOX INLET TYPE 14	3.00	EACH		\$	
1270	01584		CAP DROP BOX INLET	10.00	EACH		\$	
1280	01650		JUNCTION BOX	9.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1290	01756		MANHOLE TYPE A	4.00	EACH		\$	
1300	01761		MANHOLE TYPE B	1.00	EACH		\$	
1310	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	22,718.00	SQYD	\$2.00	\$	\$45,436.00
1320	24810ED		SIDEWALK FLUME BOONE	4.00	EACH		\$	

Section: 0004 - GASLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1330	16076		G SPECIAL ITEM	31.00	EACH	\$752.65	\$	\$23,332.15
1340	16515		G PIPE POLYETHYLENE/PLASTIC 02 INCH INST	21.00	LF	\$40.78	\$	\$856.38
1350	16517		G PIPE POLYETHYLENE/PLASTIC 04 INCH INST	80.00	LF	\$50.31	\$	\$4,024.80
1360	16519		G PIPE POLYETHYLENE/PLASTIC 08 INCH INST	80.00	LF	\$108.02	\$	\$8,641.60
1370	16521		G PIPE POLYETHYLENE/PLASTIC 12 INCH INST	8,800.00	LF	\$143.66	\$	\$1,264,208.00
1380	16531		G SERVICE LONG SIDE 1 OR 1-1/4 INCH INST	11.00	EACH	\$1,145.24	\$	\$12,597.64
1390	16533		G SERVICE LONG SIDE 2 INCH INST	3.00	EACH	\$1,364.76	\$	\$4,094.28
1400	16536		G SERVICE SHORT SIDE 1 OR 1-1/4 INCH INST	12.00	EACH	\$304.31	\$	\$3,651.72
1410	16538		G SERVICE SHORT SIDE 2 INCH INST	5.00	EACH	\$440.21	\$	\$2,201.05
1420	16540		G SERVICE SPECIAL INST	1.00	EACH	\$4,357.95	\$	\$4,357.95
1430	16553		G VALVE POLYETHYLENE/PLASTIC 08 IN INST	7.00	EACH	\$801.44	\$	\$5,610.08
1440	16555		G VALVE POLYETHYLENE/PLASTIC 12 IN INST	4.00	EACH	\$1,092.50	\$	\$4,370.00

Section: 0005 - ELECTRIC AND TELECOM DUCT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1450	17001		EC COMMUNICATIONS PULL BOX	24.00	EACH		\$	
1460	17003		EC DUCT - 02 BANK	575.00	LF		\$	
1470	17007		EC DUCT - 04 BANK	3,884.00	LF		\$	
1480	17008		EC DUCT - 04 BANK CONCRETE ENCASED	400.00	LF		\$	
1490	17011		EC DUCT - 06 BANK	3,884.00	LF		\$	
1500	17012		EC DUCT - 06 BANK CONCRETE ENCASED	400.00	LF		\$	
1510	17028		EC ELECTRIC MANHOLE	8.00	EACH		\$	
1520	17029		EC ELECTRIC PIT	2.00	EACH		\$	

Section: 0006 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1530	15000		S BYPASS PUMPING	9.00	EACH		\$	
1540	15017		S ENCASEMENT STEEL BORED RANGE 4	72.00	LF		\$	
1550	15018		S ENCASEMENT STEEL BORED RANGE 5	381.00	LF		\$	
1560	15067		S FORCE MAIN POINT RELOCATE	1.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1570	15086		S LATERAL CLEANOUT	4.00	EACH		\$	
1580	15087		S LATERAL LONG SIDE 04 INCH	1.00	EACH		\$	
1590	15089		S LATERAL SHORT SIDE 04 INCH	3.00	EACH		\$	
1600	15092		S MANHOLE	12.00	EACH		\$	
1610	15093		S MANHOLE ABANDON/REMOVE	10.00	EACH		\$	
1620	15094		S MANHOLE ADJUST TO GRADE	7.00	EACH		\$	
1630	15095		S MANHOLE CASTING STANDARD	6.00	EACH		\$	
1640	15098		S MANHOLE SPECIAL	4.00	EACH		\$	
1650	15099		S MANHOLE TAP EXISTING	1.00	EACH		\$	
1660	15112		S PIPE PVC 08 INCH	225.00	LF		\$	
1670	15113		S PIPE PVC 10 INCH	255.00	LF		\$	
1680	15114		S PIPE PVC 12 INCH	1,490.00	LF		\$	
1690	15136		S LATERAL LOCATE	4.00	EACH		\$	

Section: 0007 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1700	15000		S BYPASS PUMPING	2.00	EACH		\$	
1710	15017		S ENCASEMENT STEEL BORED RANGE 4	80.00	LF		\$	
1720	15092		S MANHOLE	1.00	EACH		\$	
1730	15093		S MANHOLE ABANDON/REMOVE	1.00	EACH		\$	
1740	15094		S MANHOLE ADJUST TO GRADE	1.00	EACH		\$	
1750	15099		S MANHOLE TAP EXISTING	1.00	EACH		\$	
1760	15112		S PIPE PVC 08 INCH	151.00	LF		\$	

Section: 0008 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1770	06406		SBM ALUM SHEET SIGNS .080 IN	184.00	SQFT		\$	
1780	06410		STEEL POST TYPE 1	460.00	LF		\$	
1790	06490		CLASS A CONCRETE FOR SIGNS	2.00	CUYD		\$	
1800	06515		PAVE STRIPING-PERM PAINT-6 IN	42,710.00	LF		\$	
1810	06516		PAVE STRIPING-PERM PAINT-8 IN	8,759.00	LF		\$	
1820	06517		PAVE STRIPING-PERM PAINT-12 IN	496.00	LF		\$	
1830	06565		PAVE MARKING-THERMO X-WALK-6 IN	2,546.00	LF		\$	
1840	06566		PAVE MARKING-THERMO X-WALK-12 IN	530.00	LF		\$	
1850	06568		PAVE MARKING-THERMO STOP BAR-24IN	617.00	LF		\$	
1860	06569		PAVE MARKING-THERMO CROSS-HATCH	4,275.00	SQFT		\$	
1870	06574		PAVE MARKING-THERMO CURV ARROW	198.00	EACH		\$	
1880	06576		PAVE MARKING-THERMO ONLY	5.00	EACH		\$	
1890	06610		INLAID PAVEMENT MARKER-MW	93.00	EACH		\$	
1900	06612		INLAID PAVEMENT MARKER-BY	103.00	EACH		\$	

Section: 0009 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1910	04780		FUSED CONNECTOR KIT	21.00	EACH		\$	
1920	04820		TRENCHING AND BACKFILLING	505.00	LF		\$	
1930	04844		CABLE-NO. 14/5C	7,590.00	LF		\$	
1940	04845		CABLE-NO. 14/7C	10,600.00	LF		\$	
1950	04885		MESSENGER-10800 LB	500.00	LF		\$	
1960	04886		MESSENGER-15400 LB	3,410.00	LF		\$	
1970	04932		INSTALL STEEL STRAIN POLE	28.00	EACH		\$	
1980	04953		TEMP RELOCATION OF SIGNAL HEAD	152.00	EACH		\$	
1990	06406		SBM ALUM SHEET SIGNS .080 IN	475.00	SQFT		\$	
2000	06472		INSTALL SPAN MOUNTED SIGN	53.00	EACH		\$	
2010	20093NS835		INSTALL PEDESTRIAN HEAD-LED	44.00	EACH		\$	
2020	20188NS835		INSTALL LED SIGNAL-3 SECTION	61.00	EACH		\$	
2030	20189NS835		INSTALL LED SIGNAL-5 SECTION	4.00	EACH		\$	
2040	20266ES835		INSTALL LED SIGNAL- 4 SECTION	4.00	EACH		\$	
2050	20390NS835		INSTALL COORDINATING UNIT	6.00	EACH		\$	
2060	21659NN		RELOCATE SIGNAL HEAD	7.00	EACH		\$	
2070	21743NN		INSTALL PEDESTRIAN DETECTOR	44.00	EACH		\$	
2080	22939ND		INSTALL LUMINAIRE POLE	1.00	EACH		\$	
2090	23157EN		TRAFFIC SIGNAL POLE BASE	152.00	CUYD		\$	
2100	23222EC		INSTALL SIGNAL PEDESTAL	8.00	EACH		\$	
2110	23235EC		INSTALL PEDESTAL POST	10.00	EACH		\$	
2120	23409EC		TRAFFIC SIGNAL POLE	4.00	EACH		\$	
2130	24601EC		INSTALL SOLAR SCHOOL FLASHER ASSEMBLY	3.00	EACH		\$	
2140	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	445.00	LF		\$	
2150	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	250.00	LF		\$	
2160	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	6.00	EACH		\$	
2170	24955ED		REMOVE SIGNAL EQUIPMENT	5.00	EACH		\$	
2180	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	25.00	EACH		\$	
2190	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	15.00	EACH		\$	

Section: 0010 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2200	14005		W ENCASEMENT CONCRETE	70.00	LF		\$	
2210	14009		W ENCASEMENT STEEL BORED RANGE 4	90.00	LF		\$	
2220	14010		W ENCASEMENT STEEL BORED RANGE 5	309.00	LF		\$	
2230	14011		W ENCASEMENT STEEL BORED RANGE 6	478.00	LF		\$	
2240	14019		W FIRE HYDRANT ASSEMBLY	1.00	EACH		\$	
2250	14020		W FIRE HYDRANT RELOCATE	16.00	EACH		\$	
2260	14030		W METER RELOCATE	18.00	EACH		\$	
2270	14032		W METER/FIRE SERVICE COMBO VAULT	1.00	EACH		\$	
2280	14036		W PIPE DUCTILE IRON 06 INCH	101.00	LF		\$	
2290	14037		W PIPE DUCTILE IRON 08 INCH	960.00	LF		\$	
2300	14039		W PIPE DUCTILE IRON 12 INCH	1,316.00	LF		\$	
2310	14042		W PIPE DUCTILE IRON 24 INCH	8,694.00	LF		\$	
2320	14088		W STRUCTURE REMOVAL	1.00	EACH		\$	

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PROPOSAL BID ITEMS

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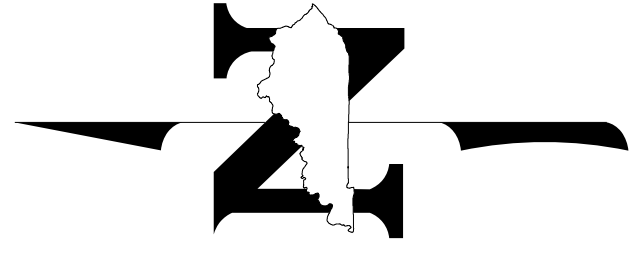
Report Date 12/1/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2330	14091		W TIE-IN 02 INCH	2.00	EACH		\$	
2340	14094		W TIE-IN 06 INCH	8.00	EACH		\$	
2350	14095		W TIE-IN 08 INCH	7.00	EACH		\$	
2360	14097		W TIE-IN 12 INCH	8.00	EACH		\$	
2370	14100		W TIE-IN 24 INCH	2.00	EACH		\$	
2380	14105		W VALVE 06 INCH	7.00	EACH		\$	
2390	14106		W VALVE 08 INCH	9.00	EACH		\$	
2400	14108		W VALVE 12 INCH	7.00	EACH		\$	
2410	14111		W VALVE 24 INCH	15.00	EACH		\$	
2420	14125		W VAULT SPECIAL	1.00	EACH		\$	
2430	14146		W SERV COPPER LONG SIDE 1-1/2 IN	2.00	EACH		\$	
2440	14147		W SERV COPPER LONG SIDE 2 IN	1.00	EACH		\$	
2450	14148		W SERV COPPER LONG SIDE 3/4 IN	13.00	EACH		\$	
2460	14151		W SERV COPPER SHORT SIDE 2 IN	1.00	EACH		\$	
2470	14152		W SERV COPPER SHORT SIDE 3/4 IN	15.00	EACH		\$	

Section: 0011 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2480	02568		MOBILIZATION	1.00	LS		\$	
2490	02569		DEMOBILIZATION	1.00	LS		\$	

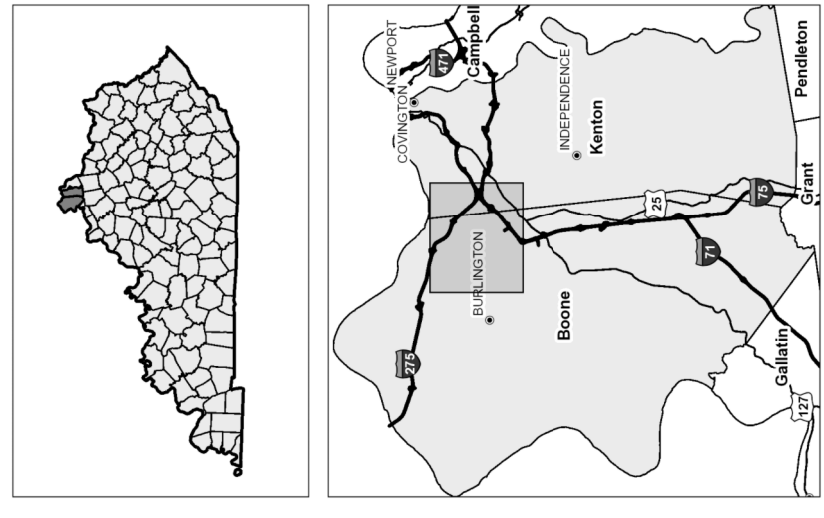
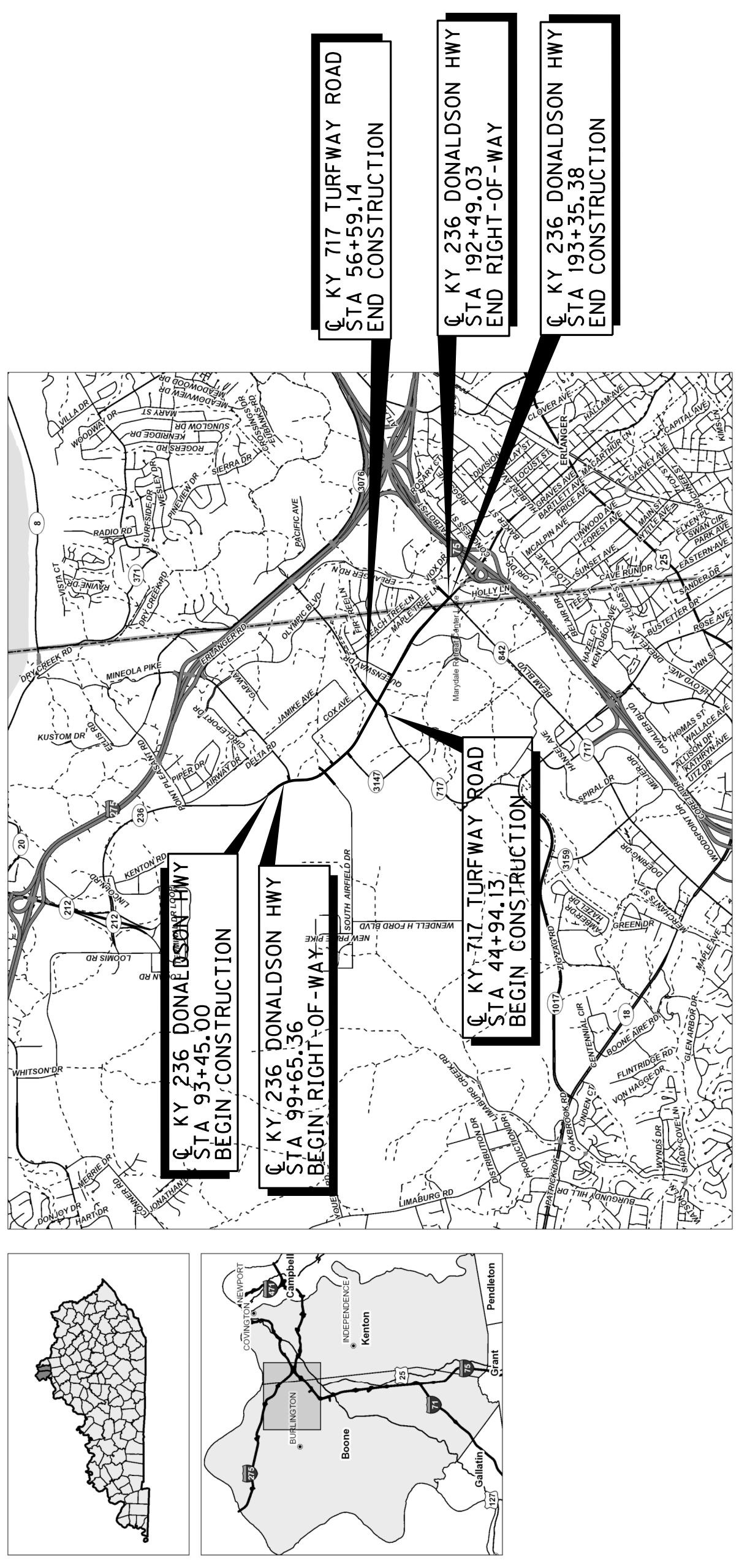
COUNTY OF	ITEM NO.	SHEET NO.
BOONE/ KENTON	6-444.00	RI



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT KY 236 IMPROVEMENTS BOONE & KENTON COUNTIES

KY 236 (DONALDSON HIGHWAY) FROM KY 3076
(MINEOLA PIKE) TO KY 842 (HOUSTON ROAD)
THESE PLANS ARE FOR GRADE, DRAIN & SURFACING
STP 3002 (326)



THE CONTROL OF ACCESS ON THIS
PROJECT SHALL BE BY PERMIT

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
BOONE / KENTON

ITEM NO. 6-444.00
PROJECT NUMBER: FD52 008 0236 000-002 FD52 059 0236 002-003
STP 3002 (326)
LETTING DATE: _____
RECOMMENDED BY: **MIKE BEZOLD, P.E.**
PROJECT MANAGER
PLAN APPROVED BY: _____ STATE HIGHWAY ENGINEER
DATE: _____

LAYOUT MAP NOT TO SCALE

THIS PROJECT IS OFF THE NH SYSTEM

DONALDSON HIGHWAY (BOONE COUNTY)		DONALDSON HIGHWAY (KENTON COUNTY)		TURFWAY ROAD (BOONE COUNTY)	
LENGTH ADDED (DEDUCTED)	473.98	LENGTH ADDED (DEDUCTED)	0.090	LENGTH ADDED (DEDUCTED)	1165.01
FOR EQUALITIES NOT INCLUDED		FOR EQUALITIES NOT INCLUDED		FOR EQUALITIES NOT INCLUDED	
RAILROAD CROSSINGS NO. BRIDGES		RAILROAD CROSSINGS NO. BRIDGES		RAILROAD CROSSINGS NO. BRIDGES	

SHEET NO.	DESCRIPTION	TOTAL SHEETS 505
R2 - R2L	LAYOUT SHEET	
R2M - R2T	PROFILES	
R3	SUMMARY OF QUANTITIES	
R4 - R62	GENERAL NOTES AND SPECIAL NOTES	
R63 - R75	PLAN SHEET LAYOUT	
R76 - R125	PLAN AND PROFILE SHEETS	
R126 - R202	UTILITY PROFILE SHEETS	
R203 - R205	RIGHT OF WAY SUMMARY SHEETS	
R300 - R315	STRIPING AND SIGNING DETAIL SHEETS	
R316 - R321	INTERSECTION DETAIL SHEETS	
R322 - R323	RETAINING WALL DETAIL	
R324 - R325	FLUME DETAIL	
R326 - R326E	SEPIAS AND DETAIL SHEETS	
R400 - R476	MAINTENANCE OF TRAFFIC SHEETS	
R500 - R526	EROSION CONTROL SHEETS	
R600 - R606	COORDINATE CONTROL SHEETS	
R800 - R928	PIPE DRAINAGE SHEETS	
X1 - X121	CROSS SECTION SHEETS	
U1 - U26	UTILITY PLANS (WATER)	
U26 - U34	UTILITY PLANS (SEWER)	
U35 - U47	UTILITY PLANS (CONDUIT)	
U48 - U66	UTILITY PLANS (GAS)	
T001 - T020	SIGNALS	

SHEETS NOT INCLUDED IN TOTAL SHEETS - R2A, R2B, R2C, R2D, R2E, R2F, R2G, R2H, R2I, R2J, R2K, R2L, R2M, R2N, R2P, R2Q, R2R, R2S, R2T, AND R2U.
THE LETTER 'O' IS NOT USED.

NUMBER	STANDARD DRAWINGS
RBI-001-12	RDH-020-03
RBR-001-13	RDH-110-02
RBR-005-11	RDH-030-03
RBR-010-06	RDH-310-03
RBR-016-05	RDH-500-03
RBR-018	RCX-010-04
RBR-025-06	RCX-040-03
RBR-055-01	RCX-200-01
RBR-003-08	RCX-200-01
RBR-013-07	RCX-200-01
RBR-014-06	RCX-200-01
RBR-016-03	RCX-200-01
RBR-018-04	RCX-200-01
RBR-020-05	RCX-200-01
RBR-100-05	RCX-200-01
RBR-270-09	RCX-200-01
RBR-271-02	RCX-200-01
RBR-273-06	RCX-200-01
RBR-280-06	RCX-200-01
RBR-281-03	RCX-200-01
RBR-282-04	RCX-200-01
RBR-283-04	RCX-200-01
RBR-284-05	RCX-200-01
RBR-410-06	RCX-200-01
RBD-420-05	RCX-200-01
RDD-040-05	RCX-200-01

DESIGN CRITERIA	
CLASS OF HIGHWAY	URBAN MINOR ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	360 FEET
REQUIRED PSD	NA
LEVEL OF SERVICE	D
ADT PRESENT (2017)	15,000
ADT FUTURE (2030)	34,000
DHV	
D %	50%
T %	3%

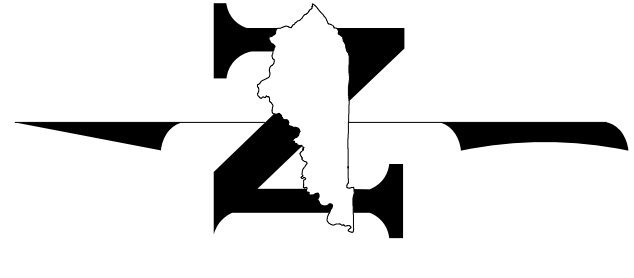
GEOGRAPHIC COORDINATES	
LATITUDE	39 DEGREES 02 MINUTES 10 SECONDS NORTH
LONGITUDE	84 DEGREES 37 MINUTES 48 SECONDS WEST

DESIGNED	
% RESTRICTED SD	N/A
LEVEL OF SERVICE	D
MAX. DISTANCE W/O PASSING	N/A

LOCHNER

COUNTY OF	ITEM NO.	SHEET NO.
BOONE/ KENTON	6-444.00	RI

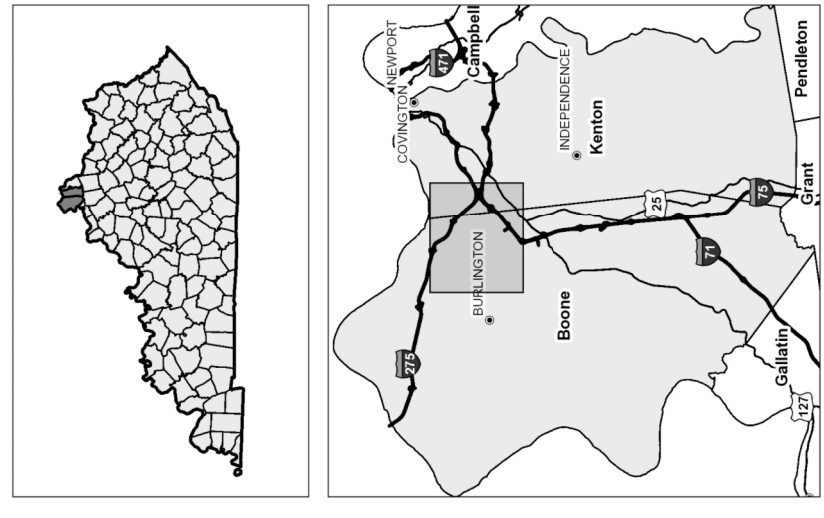
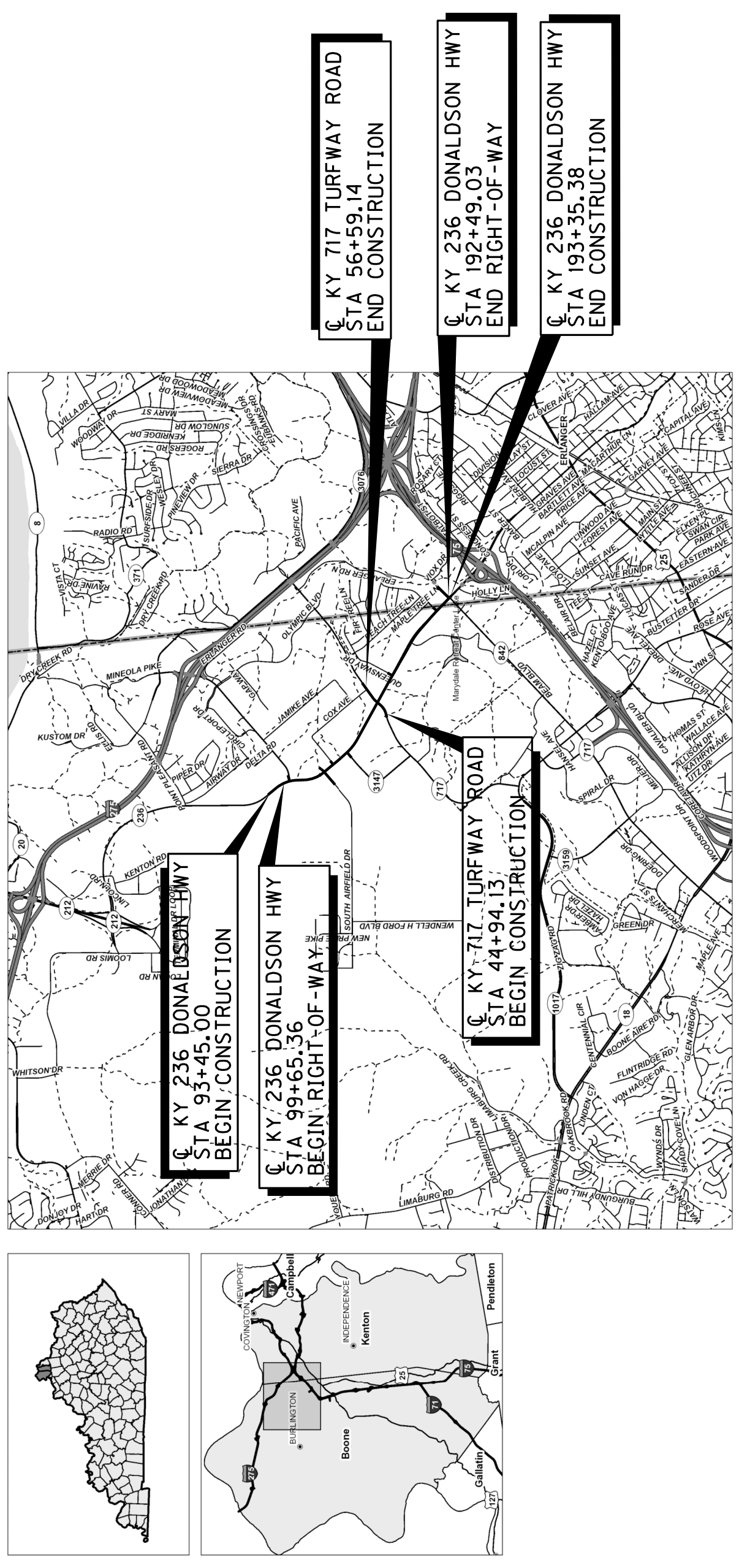
REVISED 11-30-2022



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

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Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
BOONE / KENTON

ITEM NO. 6-444.00
PROJECT NUMBER: FD52 008 0236 000-002
STP 3002 (326)
LETTING DATE: _____
RECOMMENDED BY: MIKE BEZOLD, P.E.
PROJECT MANAGER
PLAN APPROVED BY: _____ STATE HIGHWAY ENGINEER
DATE: _____

LAYOUT MAP NOT TO SCALE

THIS PROJECT IS OFF THE NH SYSTEM

DONALDSON HIGHWAY (BOONE COUNTY)		DONALDSON HIGHWAY (KENTON COUNTY)	
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INDEX OF SHEETS

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X1 - X121	CROSS SECTION SHEETS	
U6 - U34	UTILITY PLANS (WATER)	
U35 - U43	UTILITY PLANS (SEWER)	
U44 - U66	UTILITY PLANS (CONDUIT)	
U67 - U68	UTILITY PLANS (GAS)	
T001 - T020	SIGNALS	

SHEETS NOT INCLUDED IN TOTAL SHEETS - R2A, R2B, R2C, R2D, R2E, R2F, R2G, R2H, R2I, R2J, R2K, R2L, R2M, R2N, R2P, R2Q, R2R, R2S, R2T, AND R2U.
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RBR-016-05	RDH-500-03
RBR-018	
RBR-025-06	RCX-010-04
RBR-055-01	RCX-040-03
RBR-003-08	RCX-200-01
RBR-013-07	RCX-200-01
RBR-014-06	RCX-200-01
RBR-015-04	RCX-200-01
RBR-016-03	RCX-200-01
RBR-018-04	RCX-200-01
RBR-020-05	RCX-200-01
RBR-100-05	RCX-200-01
RBR-101-05	RCX-200-01
RBR-270-09	RCX-200-01
RBR-271-05	RCX-200-01
RBR-273-06	RCX-200-01
RBR-280-06	RCX-200-01
RBR-281-03	RCX-200-01
RBR-282-04	RCX-200-01
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RBR-420-05	RCX-200-01
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DESIGN CRITERIA

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LONGITUDE 84 DEGREES 37 MINUTES 48 SECONDS WEST

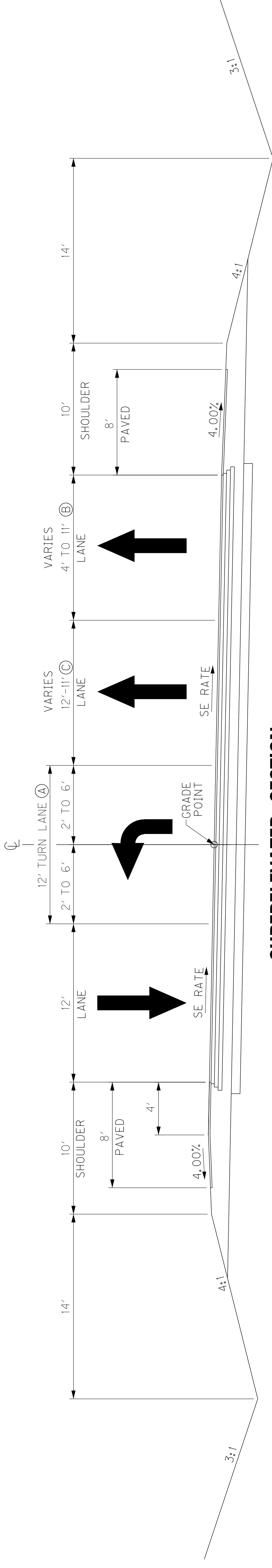
DESIGNED

% RESTRICTED SD N/A
LEVEL OF SERVICE D
MAX. DISTANCE W/O PASSING N/A

LOCHNER

TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
BOONE/ KENTON	6-444.00	R2

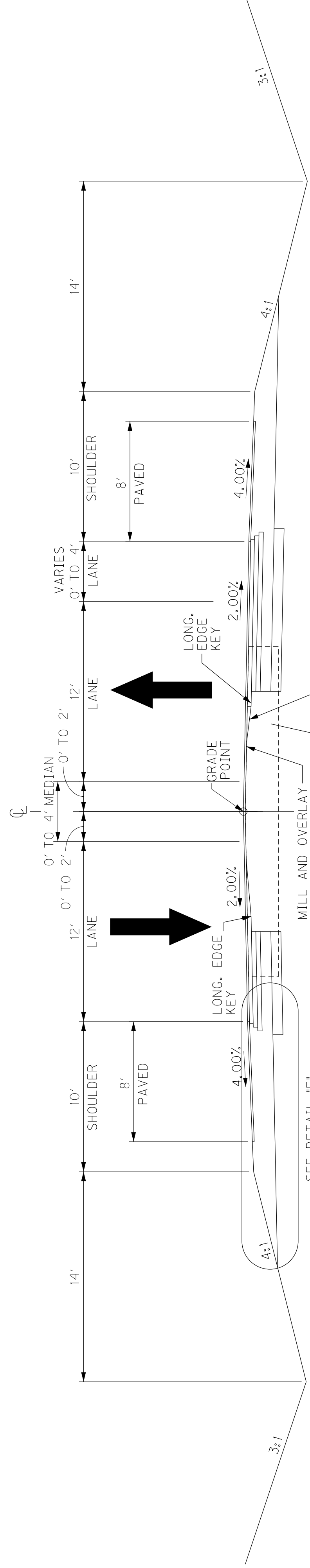


SUPERELEVATED SECTION

DONALDSON HIGHWAY

STA 94+71.40 TO STA 102+10.00

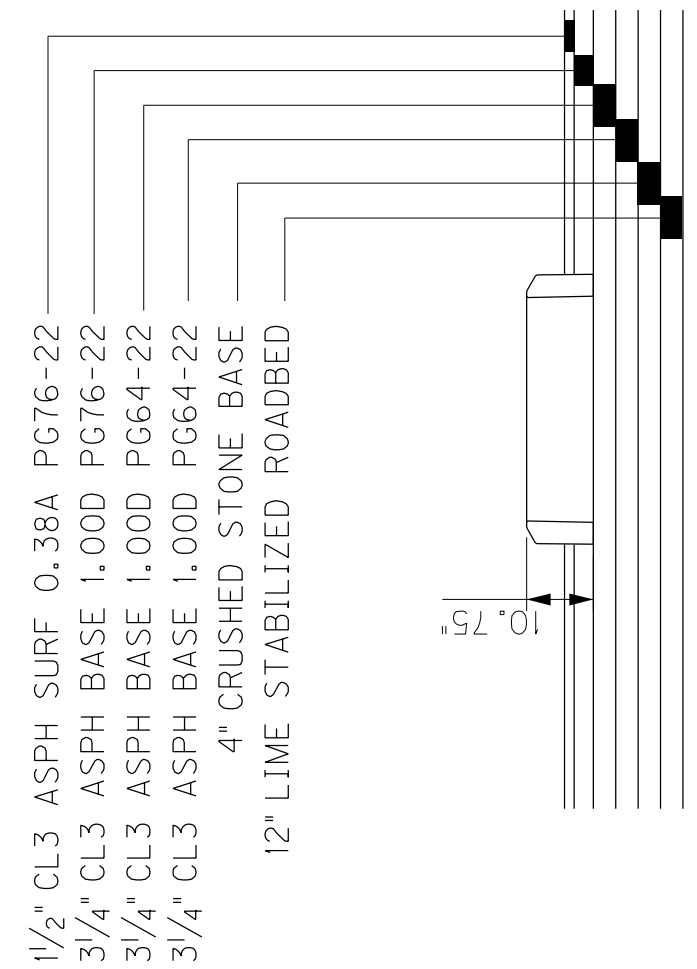
***STA 94+71.40 TO STA 97+00.00 WIDENING SECTION SEE PLAN SHEETS



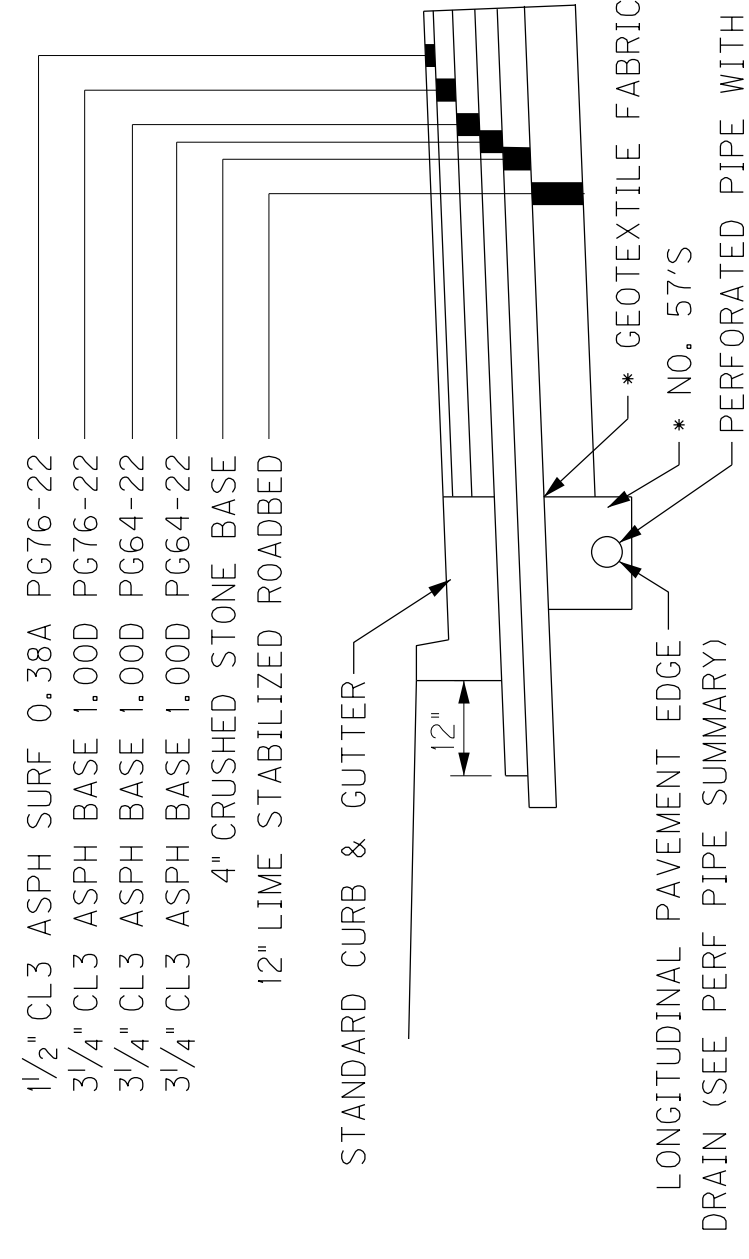
TANGENT SECTION

DONALDSON HIGHWAY

STA 93+45.00 TO STA 94+71.40

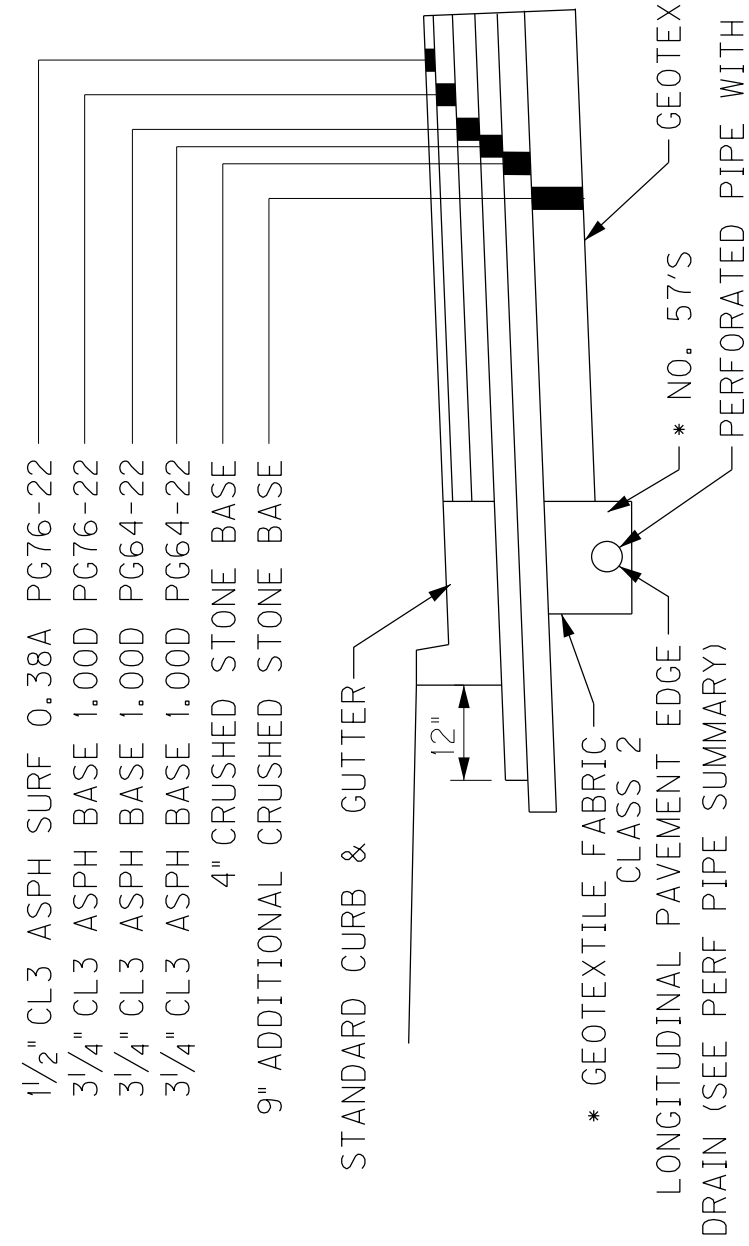


DETAIL "F" STD MEDIAN BARRIER (RPM-010-06)

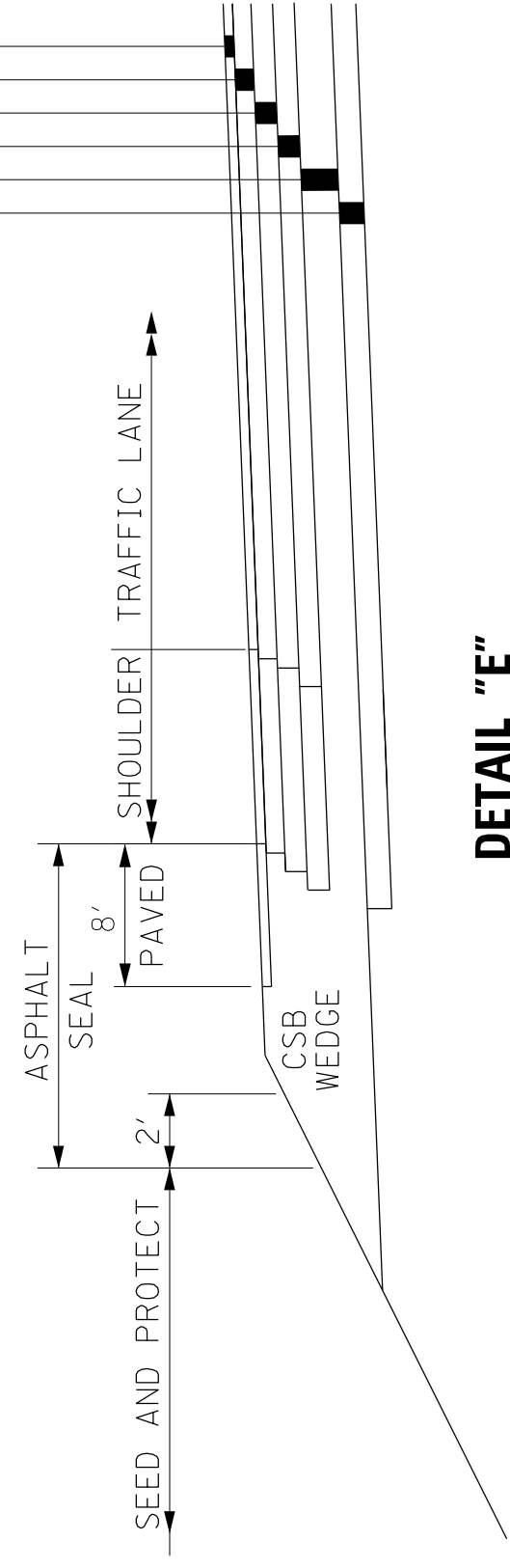


DETAIL "A"

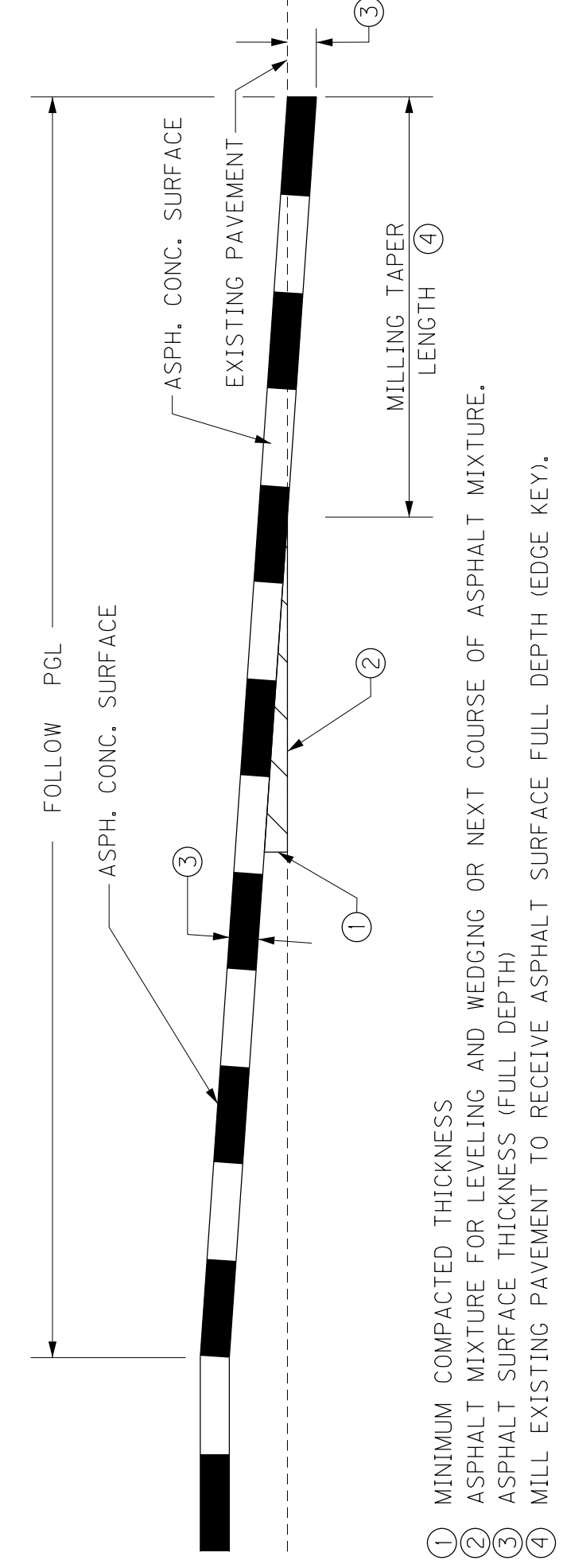
* INCIDENTAL - SEE PERFORATED PIPE SUMMARY



ALT DETAIL "A"



DETAIL "E"



- 1 MINIMUM COMPACTED THICKNESS
- 2 ASPHALT MIXTURE FOR LEVELING AND WEDGING OR NEXT COURSE OF ASPHALT MIXTURE.
- 3 ASPHALT SURFACE THICKNESS (FULL DEPTH)
- 4 MILL EXISTING PAVEMENT TO RECEIVE ASPHALT SURFACE FULL DEPTH EDGE KEY.

TAPERING OF OVERLAYS ON HIGH SPEED FACILITIES (≥45 MPH)

N. T. S.

TYPICAL SECTIONS

ITEM	DESCRIPTION	UNIT	BOONE CO. DONALDSON	S. AIRFIELD	TURFWAY	BOONE CO. TOTAL	KENTON CO. DONALDSON	HOUSTON	KENTON CO. TOTAL	TOTAL PROJECT	ITEM	DESCRIPTION	UNIT	BOONE CO. DONALDSON	S. AIRFIELD	TURFWAY	BOONE CO. TOTAL	KENTON CO. DONALDSON	HOUSTON	KENTON CO. TOTAL	TOTAL PROJECT	
0021	DRAINAGE BLANKET-EMBANKMENT	CUYD	1,500			1,500			0	1500	0440	MAINTENANCE OF TRAFFIC										
0078	CRUSHED AGGREGATE NO. 2	TON	209			209			2	211	0462	ENTRANCE PIPE - 15 IN	LF	76								76
1810	STANDARD CURB AND GUTTER	LF	16,704	643	818	18,165	334	395	729	18894	0462	CULVERT PIPE - 18 IN	LF	39								39
1875	STANDARD HEADER CURB	LF	1944			1,944			0	1944	0464	CULVERT PIPE - 24 IN	LF	42								42
1917	STANDARD BARRIER MEDIAN TYPE 2	SOYD	287			287			0	287	0466	CULVERT PIPE - 30 IN	LF	120								120
1921	STANDARD BARRIER MEDIAN TYPE 4	SOYD					143		143		2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	2								2
1987	DELINEATOR FOR GUARDRAIL B/W	EA	54		10	10	0		0	54	2397	TEMP GUARDRAIL	LF	212.5								212.5
2015	CEMENT CONCRETE ISLAND	SOYD							0		2562	TEMPORARY SIGNS	SOFT	221.5	71							221.5
2159	TEMP DITCH	LF	4759	313	583	5,655	237	232	469	6124	2650	MAINTAIN AND CONTROL TRAFFIC	LS	1								1
2160	CLEAN TEMP DITCH	LF	2380	157	292	2,828	119	116	234.5	3062	2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2	1							2
2200	ROADWAY EXCAVATION	CUYD	175,209	308	3267	178,784	996	1811	2807	181591	2931	GUARDRAIL END TREATMENT TY 4A	EACH	2								2
2242	WATER	M GAL	1802	118	221	2,141	237	232	469	2610	3171	CONCRETE BARRIER WALL TYPE 9T	LF	754								754
2351	GUARDRAIL-STEEL W BEAM-S FACE	LF	425		425	425			0	425	6511	PAVE STRIPING-TEMP PAINT-6IN	LF	134284	8725							134284
2360	GUARDRAIL TERMINAL SECTION NO 1	EA	1			1			0	1	6582	PAVEMENT MARKER TY IVA-BY	EA	1215	37							1215
2367	GUARDRAIL END TREATMENT TYPE 1	EA	1		475	475			0	475	8901	CRASH CUSHION TYPE VI CLASS B TL2	EACH	2								2
2381	REMOVE GUARDRAIL	LF			6	69	6	3	0	78	23010EN	PAVEMARK TEMP PAINT STOP BAR 24IN	LF	955	153							955
2429	ROW MONUMENT TYPE 1	EA	3			3			0	3	20191ED	OBJECT MARKER TYPE 3	EACH	2								2
2432	WITNESS POST	EA	3			3			0	3												
2433	CHANNEL LINING CLASS II	TON	780			780			0	780												
2543	CLEARING AND GRUBBING	LS	1			1			1	1												
2545	MOBILIZATION	LS	1			1			1	1												
2568	DEMOLITION	LS	1			1			1	1												
2569	DEMOLITION	LS	1			1			1	1												
2585	EDGE KEY	LF	1030	65	103	1,198	24	168	192	1390												
2602	FABRIC-GEOTEXTILE CLASS 1	SOYD	68615	7023	79331	75,638	2627	1066	3693	79331												
2603	FABRIC-GEOTEXTILE CLASS 2	SOYD	9500			9,500			0	9500												
2604	FABRIC-GEOTEXTILE CLASS 1A	SOYD	1000			1,000			0	1000												
2690	SAFELOADING	CUYD	1165			1,165			2	1167												
2701	TEMPORARY SILT FENCE	EA	4759	313	583	5,655	237	232	469	6124												
2703	SILT TRAP TYPE "A"	EA	32	2	4	38	1	1	2	40												
2704	SILT TRAP TYPE "B"	EA	32	2	4	38	1	1	2	40												
2705	SILT TRAP TYPE "C"	EA	32	2	4	38	1	1	2	40												
2706	CLEAN SILT TRAP TYPE "A"	EA	32	2	4	38	1	1	2	40												
2707	CLEAN SILT TRAP TYPE "B"	EA	32	2	4	38	1	1	2	40												
2708	CLEAN SILT TRAP TYPE "C"	EA	32	2	4	38	1	1	2	40												
2720	SIDEWALK-4 IN CONCRETE	SOYD	6045			6,045	660		660	6705												
2726	EROSION CONTROL BLANKET	LS	1			1			1	1												
5950	STONING	SOYD	8686	353	704	9,743	208	103	311	10054												
5952	TEMPORARY MULCH	SOYD	104577	5539	12070	122,186	4650	2293	6943	129129												
5953	TEMPORARY SEEDING AND PROTECTION	SOYD	78043	4133	9007	91,183	3470	1711	5181	96364												
5963	INITIAL FERTILIZER	TONS	1.9	0.2	2.4	2.4	0.1	0.0	0.1	2.5												
5964	MAINTENANCE FERTILIZER	TONS	3.1	0.3	0.5	3.9	0.2	0.0	0.2	4.1												
5985	SEEDING AND PROTECTION	SOYD	39091	4874	8695	52,660	3043	124	3167	55827												
5990	SODDING	SOYD	13828	0	1099	14,927	723	299	1022	15949												
5992	AGRICULTURAL LIMESTONE	TONS	37	3	7	47	2	0	2	49												
5998	SPREADING STOCKPILE TOPSOIL	CUYD	2305		183	2,488	121	50	170.3333	2658												
6406	SBM ALUM SHEET SIGNS .080 IN	SOFT	96	0	55	151	19	14	33	184												
6410	STEEL POST TYPE 1	LF	277	0	93	370	54	36	90	460												
6490	CLASS A CONCRETE FOR SIGNS	CUYD	2			2			0	2												
6515	PAVE STRIPING-PERMANENT PAINT-6 IN	LF	29660	2263	6735	38,658	2232	1820	4052	42710												
6516	PAVE STRIPING-PERMANENT PAINT-8 IN	LF	8553	0	0	8,553	206	0	206	8759												
6517	PAVE STRIPING-PERMANENT PAINT-12 IN	LF	291	0	205	496	0	0	0	496												
6565	PAVE MARKING-THERMO X-WALK-6 IN	LF	1664	231	431	2,326	128	92	220	2546												
6566	PAVE MARKING-THERMO X-WALK-12 IN	LF				0	530		530													
6568	PAVE STRIPING-THERMO STOP BAR 24-IN	LF	367	52	90	509	53	55	108	617												
6569	PAVE MARKING-THERMO CROSS-HATCH	SOFT	4275			4,275			0	4275												
6574	PAVE MARKING-THERMO CURVE ARROW	EA	139	17	23	179	8	11	19	198												
6576	PAVE MARKING-THERMO ONLY	EA	1	3	1	5	0	0	0	5												
6612	INLAID PAVEMENT MARKER-MW	EA	79	4	0	83	10	0	10	93												
8018	RETAINING WALL	SF	3528	0	0	3,528	0	0	0	3528												
8100	CONCRETE-CLASS A	CUYD	16.68	0	0	.17	0	0	0	.17												
10020NS	FUEL ADJUSTMENT	DOLL	141,765			141,765	358		358	142123												
10030NS	ASPHALT ADJUSTMENT	DOLL	232,531			232,531			0	232531												
20430FD	SAW CUT	LF	229	0	50	279	0	0	0	279												
20818ND	GAS UTILITY COORDINATION	LS	1			1			0	1												
21289ED	LONGITUDINAL EDGE KEY	LF	0	0	26	26	385	457	842	868												
21596ND	GMS5 TYPE D	EA	10			10			0	10												
22680EN	OWICK KURB MEDIAN SEPARATOR	LF	995	0	0	995	151	0	151	1146												
23188EC	STAMPED CONCRETE 10-IN	SOYD	157			157			0	157												
23188ES05	DETECTABLE WARNINGS	SOFT	1626	0	0	1,626	20	0	20	1646												
23274EN11F	TURF REINFORCEMENT MAT 1	SOYD	481.4	0	0	481.4	0	0	0	481.4												
26129FC	DECORATIVE HANDRAIL	LF	790																			

