



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

September 23, 2025

CALL NO. 100
CONTRACT ID NO. 251020
ADDENDUM # 2

Subject: Christian County, NHPP 9004 035
Letting September 25, 2025

- (1) Revised - Proposal Bid Items - Pages 114-117 of 117
- (2) Revised - Plan Sheets: R2I, R15A

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

251020

PROPOSAL BID ITEMS

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	30,393.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	215.59	TON		\$	
0030	00103		ASPHALT SEAL COAT	25.90	TON		\$	
0040	00194		LEVELING & WEDGING PG76-22	1,289.00	TON		\$	
0050	00214		CL3 ASPH BASE 1.00D PG64-22	1,793.00	TON		\$	
0060	00217		CL4 ASPH BASE 1.00D PG64-22	12,119.00	TON		\$	
0070	00219		CL4 ASPH BASE 1.00D PG76-22	3,180.00	TON		\$	
0080	00324		CL3 ASPH SURF 0.50B PG64-22	703.00	TON		\$	
0090	00335		CL4 ASPH SURF 0.50A PG76-22	3,238.00	TON		\$	
0100	00388		CL3 ASPH SURF 0.38B PG64-22	1,392.00	TON		\$	
0110	02677		ASPHALT PAVE MILLING & TEXTURING	3,485.00	TON		\$	
0120	23142ES403		CL4 ASPH SURF 0.38B PG 64-22	1,266.00	TON		\$	
0130	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	41.47	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0140	00078		CRUSHED AGGREGATE SIZE NO 2	71,875.00	TON		\$	
0150	00080		CRUSHED AGGREGATE SIZE NO 23	950.00	TON		\$	
0160	01691		FLUME INLET TYPE 2	4.00	EACH		\$	
0170	01875		STANDARD HEADER CURB	20.00	LF		\$	
0180	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	95.00	EACH		\$	
0190	02003		RELOCATE TEMP CONC BARRIER	13,090.00	LF		\$	
0193	26137EC		QUEUE WARNING PCMS (ADDED 9-23-25)	24.00	MONT		\$	
0196	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS (ADDED 9-23-25)	24.00	MONT		\$	
0200	02014		BARRICADE-TYPE III	30.00	EACH		\$	
0210	02091		REMOVE PAVEMENT	9,610.00	SQYD		\$	
0220	02159		TEMP DITCH	8,336.00	LF		\$	
0230	02160		CLEAN TEMP DITCH	4,168.00	LF		\$	
0240	02230		EMBANKMENT IN PLACE	104,769.00	CUYD		\$	
0250	02242		WATER	270.00	MGAL		\$	
0260	02262		FENCE-WOVEN WIRE TYPE 1	1,355.00	LF		\$	
0270	02351		GUARDRAIL-STEEL W BEAM-S FACE	1,925.00	LF		\$	
0280	02367		GUARDRAIL END TREATMENT TYPE 1	6.00	EACH		\$	
0290	02370		GUARDRAIL END TREATMENT TYPE 2M (REVISED 9-23-2025)	2.00	EACH		\$	
0300	02381		REMOVE GUARDRAIL	6,168.00	LF		\$	
0310	02403		REMOVE CONCRETE MASONRY	121.60	CUYD		\$	
0320	02478		CAP INLET	1.00	SQYD		\$	
0330	02483		CHANNEL LINING CLASS II	6,333.00	TON		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0340	02484		CHANNEL LINING CLASS III	2,726.00	TON		\$	
			CLEARING AND GRUBBING					
0350	02545		52.09 ACRES	1.00	LS		\$	
0360	02555		CONCRETE-CLASS B	2.75	CUYD		\$	
0370	02562		TEMPORARY SIGNS	1,500.00	SQFT		\$	
0380	02602		FABRIC-GEOTEXTILE CLASS 1	123,126.00	SQYD		\$	
0390	02604		FABRIC-GEOTEXTILE CLASS 1A	108,500.00	SQYD		\$	
0400	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0410	02671		PORTABLE CHANGEABLE MESSAGE SIGN	16.00	EACH		\$	
0420	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0430	02690		SAFELoading	4.00	CUYD		\$	
0440	02696		SHOULDER RUMBLE STRIPS	47,080.00	LF		\$	
0450	02701		TEMP SILT FENCE	8,336.00	LF		\$	
0460	02703		SILT TRAP TYPE A	52.00	EACH		\$	
0470	02704		SILT TRAP TYPE B	52.00	EACH		\$	
0480	02705		SILT TRAP TYPE C	52.00	EACH		\$	
0490	02706		CLEAN SILT TRAP TYPE A	52.00	EACH		\$	
0500	02707		CLEAN SILT TRAP TYPE B	52.00	EACH		\$	
0510	02708		CLEAN SILT TRAP TYPE C	52.00	EACH		\$	
0520	02726		STAKING	1.00	LS		\$	
0530	02775		ARROW PANEL	4.00	EACH		\$	
			MASONRY COATING					
0535	02998		(ADDED 9-23-25)	981.00	SQYD		\$	
0540	03171		CONC BARRIER WALL TYPE 9T	13,090.00	LF		\$	
0550	05950		EROSION CONTROL BLANKET	89,077.00	SQYD		\$	
0560	05952		TEMP MULCH	167,787.00	SQYD		\$	
0570	05953		TEMP SEEDING AND PROTECTION	125,840.00	SQYD		\$	
0580	05963		INITIAL FERTILIZER	13.00	TON		\$	
0590	05964		MAINTENANCE FERTILIZER	7.80	TON		\$	
0600	05985		SEEDING AND PROTECTION	241,351.00	SQYD		\$	
0610	05992		AGRICULTURAL LIMESTONE	156.00	TON		\$	
0620	06511		PAVE STRIPING-TEMP PAINT-6 IN	55,000.00	LF		\$	
0630	06542		PAVE STRIPING-THERMO-6 IN W	32,087.00	LF		\$	
0640	06543		PAVE STRIPING-THERMO-6 IN Y	22,172.00	LF		\$	
0650	06546		PAVE STRIPING-THERMO-12 IN W	3,923.00	LF		\$	
0660	06547		PAVE STRIPING-THERMO-12 IN Y	181.00	LF		\$	
0670	06568		PAVE MARKING-THERMO STOP BAR-24IN	124.00	LF		\$	
0680	06569		PAVE MARKING-THERMO CROSS-HATCH	3,841.00	SQFT		\$	
0690	06574		PAVE MARKING-THERMO CURV ARROW	9.00	EACH		\$	
0700	06610		INLAID PAVEMENT MARKER-MW	219.00	EACH		\$	
0710	06612		INLAID PAVEMENT MARKER-BY	235.00	EACH		\$	
0720	06613		INLAID PAVEMENT MARKER-B W/R	92.00	EACH		\$	
0730	06614		INLAID PAVEMENT MARKER-B Y/R	59.00	EACH		\$	
0740	08100		CONCRETE-CLASS A	2.00	CUYD		\$	
0750	08902		CRASH CUSHION TY 6 CLASS B TL3	14.00	EACH		\$	
0760	10020NS		FUEL ADJUSTMENT	107,913.00	DOLL	\$1.00	\$	\$107,913.00
0770	10030NS		ASPHALT ADJUSTMENT	111,295.00	DOLL	\$1.00	\$	\$111,295.00
0780	20071EC		JOINT ADHESIVE	14,503.00	LF		\$	
0790	20166ES810		TEMPORARY PIPE	250.00	LF		\$	
0800	20191ED		OBJECT MARKER TY 3	6.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	20550ND		SAWCUT PAVEMENT	16,203.00	LF		\$	
0820	21289ED		LONGITUDINAL EDGE KEY	14,503.00	LF		\$	
0830	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	3,012.50	LF		\$	
0840	22664EN		WATER BLASTING EXISTING STRIPE	10,000.00	LF		\$	
0850	23032EN		BRIDGE BARRIER RETROFIT	1,074.30	LF		\$	
0860	23871EC		PAVE STRIPE-WET REF TAPE-6 IN Y	316.00	LF		\$	
0870	23872EC		PAVE STRIPE-WET REF TAPE-6 IN W	627.00	LF		\$	
0880	24640ED		OBJECT MARKER TYPE 1	14.00	EACH		\$	
0890	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	4.00	EACH		\$	
0900	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	8.00	EACH		\$	
0910	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	7.00	MONT		\$	
0920	26236EC		THRIE BEAM BULLNOSE TERMINAL	2.00	EACH		\$	
0930	26248EC		ELECTRONIC DELIVERY MGMT SYSTEM - AGG	1.00	LS		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0940	00078		CRUSHED AGGREGATE SIZE NO 2	31.00	TON		\$	
0950	00462		CULVERT PIPE-18 IN	202.00	LF		\$	
0960	00464		CULVERT PIPE-24 IN	238.00	LF		\$	
0970	00466		CULVERT PIPE-30 IN	91.00	LF		\$	
0980	00468		CULVERT PIPE-36 IN	108.00	LF		\$	
0990	00469		CULVERT PIPE-42 IN	231.00	LF		\$	
1000	00470		CULVERT PIPE-48 IN	81.00	LF		\$	
1010	00522		STORM SEWER PIPE-18 IN	614.00	LF		\$	
1020	01000		PERFORATED PIPE-4 IN	7,705.00	LF		\$	
1030	01010		NON-PERFORATED PIPE-4 IN	3,112.00	LF		\$	
1040	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
1050	01020		PERF PIPE HEADWALL TY 1-4 IN	8.00	EACH		\$	
1060	01028		PERF PIPE HEADWALL TY 3-4 IN	23.00	EACH		\$	
1070	01204		PIPE CULVERT HEADWALL-18 IN	1.00	EACH		\$	
1080	01208		PIPE CULVERT HEADWALL-24 IN	2.00	EACH		\$	
1090	01212		PIPE CULVERT HEADWALL-36 IN	1.00	EACH		\$	
1100	01214		PIPE CULVERT HEADWALL-42 IN	2.00	EACH		\$	
1110	01216		PIPE CULVERT HEADWALL-48 IN	3.00	EACH		\$	
1120	01450		S & F BOX INLET-OUTLET-18 IN	8.00	EACH		\$	
1130	01451		S & F BOX INLET-OUTLET-24 IN	4.00	EACH		\$	
1140	01452		S & F BOX INLET-OUTLET-30 IN	3.00	EACH		\$	
1150	01453		S & F BOX INLET-OUTLET-36 IN	2.00	EACH		\$	
1160	01490		DROP BOX INLET TYPE 1	7.00	EACH		\$	
1170	01541		DROP BOX INLET TYPE 10	1.00	EACH		\$	
1180	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	2,147.00	SQYD	\$2.00	\$	\$4,294.00
1190	08100		CONCRETE-CLASS A	34.54	CUYD		\$	
1200	21799EN		BORE AND JACK PIPE-24 IN	101.00	LF		\$	
1210	24814EC		PIPELINE INSPECTION	1,565.00	LF		\$	

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Section: 0004 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1220	06405		SBM ALUMINUM PANEL SIGNS	697.50	SQFT		\$	
1230	06406		SBM ALUM SHEET SIGNS .080 IN	271.00	SQFT		\$	
1240	06407		SBM ALUM SHEET SIGNS .125 IN	723.00	SQFT		\$	
1250	06410		STEEL POST TYPE 1	2,553.00	LF		\$	
1260	06412		STEEL POST MILE MARKERS	2.00	EACH		\$	
1270	06441		GMSS GALV STEEL TYPE C	3,640.00	LB		\$	
1280	06449		REM OVERHEAD SIGN SUPPORT STR	2.00	EACH		\$	
1290	06451		REMOVE SIGN SUPPORT BEAM	4.00	EACH		\$	
1300	06490		CLASS A CONCRETE FOR SIGNS	13.20	CUYD		\$	
1310	20418ED		REMOVE & RELOCATE SIGNS	4.00	EACH		\$	
1320	21596ND		GMSS TYPE D	16.00	EACH		\$	
1330	23639ED		REM SIGN BRIDGE MOUNT ATTACHMENT	2.00	EACH		\$	
1340	24631EC		BARCODE SIGN INVENTORY	124.00	EACH		\$	

Section: 0005 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1350	04710		POLE 80 FT MTG HT HIGH MAST	10.00	EACH		\$	
1360	04714		POLE 120 FT MTG HT HIGH MAST	4.00	EACH		\$	
1370	04761		LIGHTING CONTROL EQUIPMENT	2.00	EACH		\$	
1380	04797		CONDUIT-3 IN	3,100.00	LF		\$	
1390	04800		MARKER	17.00	EACH		\$	
1400	04820		TRENCHING AND BACKFILLING	6,800.00	LF		\$	
1410	04940		REMOVE LIGHTING	1.00	LS		\$	
1420	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	
1430	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	7.00	EACH		\$	
1440	21543EN		BORE AND JACK CONDUIT	3,100.00	LF		\$	
1450	23161EN		POLE BASE-HIGH MAST	132.00	CUYD		\$	
1460	24749EC		HIGH MAST LED LUMINAIRE	64.00	EACH		\$	
1470	24851EC		CABLE-NO. 10/3C DUCTED	14,200.00	LF		\$	

Section: 0006 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1480	02568		MOBILIZATION	1.00	LS		\$	
1490	02569		DEMOBILIZATION	1.00	LS		\$	

ITEM	DESCRIPTION	UNIT	EB 9004 TOTAL	RAMP A TOTAL	RAMP B TOTAL	RAMP C TOTAL	RAMP D TOTAL	KY 1682 TOTAL	PROJECT TOTAL
78	CRUSHED AGGREGATE SIZE NO 2 ①	TON							71875
80	CRUSHED AGGREGATE SIZE NO 23 ⑫	TON							950
1691	FLUME INLET TYPE 2	EACH						4	4
1875	STANDARD HEADER CURB	LF						20	20
1987	DELINEATOR FOR GUARDRAIL B/W	EACH							95
2003	RELOCATE TEMP CONC BARRIER	LF							13090
2014	BARRICADE-TYPE III	EACH							30
2091	REMOVE PAVEMENT	SOYD	4087	1492	1468	1476	1087		9610
2159	TEMP DITCH	LF							8336
2160	CLEAN TEMP DITCH	LF							4168
2230	EMBANKMENT IN PLACE	CUYD							104769
2242	WATER ③	MGAL							270
2262	FENCE-WOVEN WIRE TYPE 1	LF		165		1190			1355
2351	GUARDRAIL-STEEL W BEAM-S FACE	LF				1925			1925
2367	GUARDRAIL END TREATMENT TYPE 1	EACH				3		3	6
2370	GUARDRAIL END TREATMENT TYPE 2M	EACH					2		2
2381	REMOVE GUARDRAIL	LF	1098			1099	1564	2407	6168
2403	REMOVE CONCRETE MASONRY ⑭	CUYD							121.6
2478	CAP INLET	EACH						1	1
2483	CHANNEL LINING CLASS II	TON	186	1092	2007	1928	1120		6333
2484	CHANNEL LINING CLASS III	TON				342	771	1613	2726
2545	CLEARING AND GRUBBING ④	LS							1
2555	CONCRETE-CLASS B	CUYD	0.5			2.25			2.75
2562	TEMPORARY SIGNS ⑥	SOQFT							1500
2568	MOBILIZATION	LS							1
2569	DEMOLITION	LS							1
2602	FABRIC-GEOTEXTILE CLASS 1 ②⑫	SOYD	325	1907	3541	3760	2842	1851	123126
2604	FABRIC-GEOTEXTILE CLASS 1A ②	SOYD							108500
2650	MAINTAIN AND CONTROL TRAFFIC ⑤	LS							1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH							16
2676	MOBILIZATION FOR MILL & TEXT	LS							1
2690	SAFELoADING	CUYD						4	4
2696	SHOULDER RUMBLE STRIPS	LF							47080
2701	TEMP SILT FENCE	LF							8336
2703	SILT TRAP TYPE A	EACH							52
2704	SILT TRAP TYPE B	EACH							52
2705	SILT TRAP TYPE C	EACH							52
2706	CLEANSILT TRAP TYPE A	EACH							52
2707	CLEANSILT TRAP TYPE B	EACH							52
2708	CLEANSILT TRAP TYPE C	EACH							52
2726	STAKING	LS							1
2775	ARROW PANEL	EACH							4
2998	MASONRY COATING ⑭	SOYD							981
3171	CONCRETE BARRIER WALL TYPE 9T ⑩	LF							13090
5950	EROSION CONTROL BLANKET ⑦	SOYD	1493	12835	23165	25372	20961	5251	89077
5952	TEMP MULCH	SOYD							167787
5953	TEMP SEEDING AND PROTECTION	SOYD							125840
5963	INITIAL FERTILIZER	TON							13
5964	MAINTENANCE FERTILIZER	TON							7.8
5985	SEEDING AND PROTECTION	SOYD	25000	44882	56893	54548	49650	10378	241351
5992	AGRICULTURAL LIMESTONE	TON							156
6511	PAVE STRIPING-TEMP PAINT-6 IN	LF							55000
6542	PAVE STRIPING-THERMO-6 IN W ⑨	LF	6798	1938	3091	2254	3364	4642	32087
6543	PAVE STRIPING-THERMO-6 IN Y ⑨	LF	8789	1170	922	1488	1286	3517	22172
6546	PAVE STRIPING-THERMO-12 IN W	LF		810	655	756	640	1062	3923
6547	PAVE STRIPING-THERMO-12 IN Y	LF						181	181
6568	PAVE MARKING-THERMO STOP BAR-24 IN	LF		68		56		124	124
6569	PAVE MARKING-THERMO CROSS-HATCH	SOQFT		753	978	795	1315		3841
6574	PAVE MARKING-THERMO CURV ARROW	EACH						9	9
6610	INLAID PAVEMENT MARKER-MW	EACH	132					87	219
6612	INLAID PAVEMENT MARKER-BY	EACH	132					103	235
6613	INLAID PAVEMENT MARKER-B-W/R	EACH		24	22	22	24		92
6614	INLAID PAVEMENT MARKER-B-Y/R	EACH		15	12	14	18		59
8100	CONCRETE-CLASS A ⑮	CUYD							2
8903	CRASH CUSHION TY VI CLASS BT TL3 ⑬	EACH							14
10020NS	FUEL ADJUSTMENT	DOLL							107913
10050NS	ASPHALT ADJUSTMENT	DOLL							111295
20071EC	JOINT ADHESIVE	LF	7411					7092	14503
20166ES810	TEMPORARY PIPE ⑧	LF						250	
20191ED	OBJECT MARKER TY 3	EACH				3		3	6
20550ND	SAWCUT PAVEMENT	LF	8036					8167	16203
21289ED	LONGITUDINAL EDGE KEY	LF	7411					7092	14503
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	LF					1587.5	1425	3012.5
22664EN	WATER BLASTING EXISTING STRIPE	LF							10000
23032END	BRIDGE BARRIER RETROFIT ⑭	LF							1074.3
23871EC	PAVE STRIPE-WET REF TAPE-6 IN Y	LF						316	316
23872EC	PAVE STRIPE-WET REF TAPE-6 IN W	LF						627	627
24640ED	OBJECT MARKER TYPE 1	EACH						14	14
24689EC	PAVE MARK THERMO-WRONG WAY ARROW	EACH		2		2			4
25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	EACH						8	8
26236EC	THRIE BEAM BULLNOSE TERMINAL ⑪	EACH						2	2
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MONIT							7
26137EC	QUEUE WARNING PCMS	MONIT							24
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MONIT							24

NOTES:

- ① ESTIMATED QUANTITY FOR ROCK ROADBED, WORKING PLATFORM, ETC., WHERE SATURATED AREAS MAY BE ENCOUNTERED. COORDINATE PLACEMENT WITH THE ENGINEER. CRUSHED AGGREGATE MAY BE #2, 3, OR 23'S.
- ② FOR USE IN WRAPPING THE WORKING PLATFORM, ROCK ROADBED, ETC. COORDINATE PLACEMENT WITH THE ENGINEER. THE WORKING PLATFORM SHALL BE WRAPPED IN FABRIC-GEOTEXTILE CLASS 1A (BOTTOM) AND FABRIC-GEOTEXTILE CLASS 1 (TOP).
- ③ WATER IS FOR CONTROLLING DUST DURING MAINTAINING TRAFFIC AND IS ESTIMATED AT 85 MGAL PER MILE.
- ④ PROJECT TOTAL IS APPROXIMATELY 52.09 ACRES. REMOVAL OF SIGNS, PIPES, CURB, FENCES, HEADWALLS, CUTTING OF PIPE(S), ETC. IS INCIDENTAL TO CLEARING & GRUBBING AND NO DIRECT PAYMENT WILL BE MADE FOR SAID ITEM.
- ⑤ INCLUDES ALL NECESSARY ITEMS TO MAINTAIN & CONTROL TRAFFIC.
- ⑥ FOR MAINTAINING AND CONTROLLING TRAFFIC DURING CONSTRUCTION.
- ⑦ INCLUDES QUANTITY FOR SLOPE STABILIZATION ON STEEP SLOPES.
- ⑧ COORDINATE PLACEMENT OF ANY NEEDED TEMPORARY PIPE WITH THE ENGINEER.
- ⑨ INCLUDES ADDITIONAL QUANTITY, IF NECESSARY, BEYOND RESURFACING LIMITS.
- ⑩ INCLUDES INSTALLATION OF TEMPORARY BARRIER WALL. AT THE END OF CONSTRUCTION THE TEMPORARY BARRIER WALL WILL BE RETAINED BY THE CONTRACTOR.
- ⑪ INCLUDES ALL NECESSARY ITEMS TO INSTALL THE BULLNOSE
- ⑫ ESTIMATED QUANTITY TO BACKFILL INSIDE BULLNOSE AREA AT 6-INCH DEPTH UNDERLAIN WITH FABRIC-GEOTEXTILE CLASS 1. INCLUDES QUANTITY FOR BACKFILLING THE PAVEMENT REMOVAL ON BOTH SIDES OF EB 9004 BEYOND THE CSB LIMITS (ESTIMATED AT 6-INCHES). COORDINATE PLACEMENT WITH THE ENGINEER.
- ⑬ INCLUDES ADDITIONAL QUANTITY, IF NECESSARY. COORDINATE PLACEMENT WITH THE ENGINEER.
- ⑭ FOR USE IN BRIDGE RAILING UPDATE ON KY 1682
- ⑮ FOR USE IN THE CONCRETE CAP ON THE EXISTING 6-INCH GAS MAIN. COORDINATE PLACEMENT AS DIRECTED BY THE ENGINEER FROM THE EXISTING EDGE OF PAVED SHOULDER TO BEYOND THE DISTURBED LIMITS.

EARTHWORK CALCULATION NOTE:

ESTIMATE FOR EARTHWORK CALCULATIONS ARE FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

PROJECT EARTHWORK TOTALS	
COMMON:	51258 CUYD
EMB BENCHING:	19976 CUYD
TOTAL EXCAVATION:	71234 CUYD
EMBANKMENT:	84793 CUYD
EMB BENCHING:	19976 CUYD
Ⓐ ROCK ROADBED:	24479 CUYD
TOTAL EMBANKMENT:	104769 CUYD

- Ⓐ EMBANKMENT IN PLACE BID QUANTITY EXCLUDES ROCK ROADBED. ROCK ROADBED IS PAID FOR UNDER CRUSHED AGGREGATE NO 2.

ITEM	DESCRIPTION	UNIT	EB 9004 TOTAL	RAMP A TOTAL	RAMP B TOTAL	RAMP C TOTAL	RAMP D TOTAL	KY 1682 TOTAL	PROJECT TOTAL
78	CRUSHED AGGREGATE SIZE NO 2 ①	TON							71875
80	CRUSHED AGGREGATE SIZE NO 23 ⑫	TON							950
1691	FLUME INLET TYPE 2	EACH						4	4
1875	STANDARD HEADER CURB	LF						20	20
1987	DELINEATOR FOR GUARDRAIL B/W	EACH							95
2003	RELOCATE TEMP CONC BARRIER	LF							13090
2014	BARRICADE-TYPE III	EACH							30
2091	REMOVE PAVEMENT	SOYD	4087	1492	1468	1476	1087		9610
2159	TEMP DITCH	LF							8336
2160	CLEAN TEMP DITCH	LF							4168
2230	EMBANKMENT IN PLACE	CUYD							104769
2242	WATER ③	MGAL							270
2262	FENCE-WOVEN WIRE TYPE 1	LF		165		1190			1355
2351	GUARDRAIL-STEEL W BEAM-S FACE	LF				1925			1925
2367	GUARDRAIL END TREATMENT TYPE 1	EACH				3		3	6
2370	GUARDRAIL END TREATMENT TYPE 2M	EACH					2		2
2381	REMOVE GUARDRAIL	LF	1098			1099	1564	2407	6168
2403	REMOVE CONCRETE MASONRY ⑭	CUYD							121.6
2478	CAP INLET	EACH						1	1
2483	CHANNEL LINING CLASS II	TON	186	1092	2007	1928	1120		6333
2484	CHANNEL LINING CLASS III	TON				342	771	1613	2726
2545	CLEARING AND GRUBBING ④	LS							1
2555	CONCRETE CLASS B	CUYD	0.5			2.25			2.75
2562	TEMPORARY SIGNS ⑥	SOQFT							1500
2568	MOBILIZATION	LS							1
2569	DEMOLITION	LS							1
2602	FABRIC-GEOTEXTILE CLASS 1 ②⑫	SOYD	325	1907	3541	3760	2842	1851	123126
2604	FABRIC-GEOTEXTILE CLASS 1A ②	SOYD							108500
2650	MAINTAIN AND CONTROL TRAFFIC ⑤	LS							1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH							16
2676	MOBILIZATION FOR MILL & TEXT	LS							1
2690	SAFELOADING	CUYD						4	4
2696	SHOULDER RUMBLE STRIPS	LF							47080
2701	TEMP SILT FENCE	LF							8336
2703	SILT TRAP TYPE A	EACH							52
2704	SILT TRAP TYPE B	EACH							52
2705	SILT TRAP TYPE C	EACH							52
2706	CLEANSILT TRAP TYPE A	EACH							52
2707	CLEANSILT TRAP TYPE B	EACH							52
2708	CLEANSILT TRAP TYPE C	EACH							52
2726	STAKING	LS							1
2727	ARROW PANEL	EACH							4
2998	MASONRY COATING ⑬	SOYD							981
3171	CONCRETE BARRIER WALL TYPE 9T ⑩	LF							13090
5950	EROSION CONTROL BLANKET ⑦	SOYD	1493	12835	23165	25372	20961	5251	89077
5952	TEMP MULCH	SOYD							167787
5953	TEMP SEEDING AND PROTECTION	SOYD							125840
5963	INITIAL FERTILIZER	TON							13
5964	MAINTENANCE FERTILIZER	TON							7.8
5985	SEEDING AND PROTECTION	SOYD	25000	44882	56893	54548	49650	10378	241351
5992	AGRICULTURAL LIMESTONE	TON							156
6511	PAVE STRIPING-TEMP PAINT-6 IN	LF							55000
6542	PAVE STRIPING-THERMO-6 IN W ⑨	LF	6798	1938	3091	2254	3364	4642	32087
6543	PAVE STRIPING-THERMO-6 IN Y ⑨	LF	8789	1170	922	1488	1286	3517	22172
6546	PAVE STRIPING-THERMO-12 IN W	LF		810	655	756	640	1062	3923
6547	PAVE STRIPING-THERMO-12 IN Y	LF						181	181
6568	PAVE MARKING-THERMO STOP BAR-24 IN	LF		68		56		124	124
6569	PAVE MARKING-THERMO CROSS-HATCH	SOQFT		753	978	795	1315		3841
6574	PAVE MARKING-THERMO CURV ARROW	EACH						9	9
6610	INLAID PAVEMENT MARKER-MW	EACH	132					87	219
6612	INLAID PAVEMENT MARKER-BY	EACH	132					103	235
6613	INLAID PAVEMENT MARKER-B-W/R	EACH		24	22	22	24		92
6614	INLAID PAVEMENT MARKER-B-Y/R	EACH		15	12	14	18		59
8100	CONCRETE-CLASS A ⑮	CUYD						2	2
8903	CRASH CUSHION TY VI CLASS BT TL3 ⑬	EACH							14
10020NS	FUEL ADJUSTMENT	DOLL							107913
10050NS	ASPHALT ADJUSTMENT	DOLL							111295
20071EC	JOINT ADHESIVE	LF	7411					7092	14503
20166ES810	TEMPORARY PIPE ⑧	LF						250	
20191ED	OBJECT MARKER TY 3	EACH				3		3	6
20550ND	SAWCUT PAVEMENT	LF	8036					8167	16203
21289ED	LONGITUDINAL EDGE KEY	LF	7411					7092	14503
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	LF					1587.5	1425	3012.5
22664EN	WATER BLASTING EXISTING STRIPE	LF							10000
23032END	BRIDGE BARRIER RETROFIT ⑭	LF							1074.3
23871EC	PAVE STRIPE-WET REF TAPE-6 IN Y	LF						316	316
23872EC	PAVE STRIPE-WET REF TAPE-6 IN W	LF						627	627
24640ED	OBJECT MARKER TYPE 1	EACH						14	14
24689EC	PAVE MARK THERMO-WRONG WAY ARROW	EACH		2		2		8	4
25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	EACH						2	2
26236EC	THRIE BEAM BULLNOSE TERMINAL ⑪	EACH							
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	MON							7
26137EC	QUEUE WARNING PCMS	MON							24
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	MON							24

NOTES:

- ① ESTIMATED QUANTITY FOR ROCK ROADBED, WORKING PLATFORM, ETC., WHERE SATURATED AREAS MAY BE ENCOUNTERED. COORDINATE PLACEMENT WITH THE ENGINEER. CRUSHED AGGREGATE MAY BE #2, 3, OR 23'S.
- ② FOR USE IN WRAPPING THE WORKING PLATFORM, ROCK ROADBED, ETC. COORDINATE PLACEMENT WITH THE ENGINEER. THE WORKING PLATFORM SHALL BE WRAPPED IN FABRIC-GEOTEXTILE CLASS 1A (BOTTOM) AND FABRIC-GEOTEXTILE CLASS 1 (TOP).
- ③ WATER IS FOR CONTROLLING DUST DURING MAINTAINING TRAFFIC AND IS ESTIMATED AT 85 MGAL PER MILE.
- ④ PROJECT TOTAL IS APPROXIMATELY 52.09 ACRES. REMOVAL OF SIGNS, PIPES, CURB, FENCES, HEADWALLS, CUTTING OF PIPE(S), ETC. IS INCIDENTAL TO CLEARING & GRUBBING AND NO DIRECT PAYMENT WILL BE MADE FOR SAID ITEM.
- ⑤ INCLUDES ALL NECESSARY ITEMS TO MAINTAIN & CONTROL TRAFFIC.
- ⑥ FOR MAINTAINING AND CONTROLLING TRAFFIC DURING CONSTRUCTION.
- ⑦ INCLUDES QUANTITY FOR SLOPE STABILIZATION ON STEEP SLOPES.
- ⑧ COORDINATE PLACEMENT OF ANY NEEDED TEMPORARY PIPE WITH THE ENGINEER.
- ⑨ INCLUDES ADDITIONAL QUANTITY, IF NECESSARY, BEYOND RESURFACING LIMITS.
- ⑩ INCLUDES INSTALLATION OF TEMPORARY BARRIER WALL. AT THE END OF CONSTRUCTION THE TEMPORARY BARRIER WALL WILL BE RETAINED BY THE CONTRACTOR.
- ⑪ INCLUDES ALL NECESSARY ITEMS TO INSTALL THE BULLNOSE
- ⑫ ESTIMATED QUANTITY TO BACKFILL INSIDE BULLNOSE AREA AT 6-INCH DEPTH UNDERLAIN WITH FABRIC-GEOTEXTILE CLASS 1. INCLUDES QUANTITY FOR BACKFILLING THE PAVEMENT REMOVAL ON BOTH SIDES OF EB 9004 BEYOND THE CSB LIMITS (ESTIMATED AT 6-INCHES). COORDINATE PLACEMENT WITH THE ENGINEER.
- ⑬ INCLUDES ADDITIONAL QUANTITY, IF NECESSARY. COORDINATE PLACEMENT WITH THE ENGINEER.
- ⑭ FOR USE IN BRIDGE RAILING UPDATE ON KY 1682
- ⑮ FOR USE IN THE CONCRETE CAP ON THE EXISTING 6-INCH GAS MAIN. COORDINATE PLACEMENT AS DIRECTED BY THE ENGINEER FROM THE EXISTING EDGE OF PAVED SHOULDER TO BEYOND THE DISTURBED LIMITS.

EARTHWORK CALCULATION NOTE:

ESTIMATE FOR EARTHWORK CALCULATIONS ARE FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

PROJECT EARTHWORK TOTALS	
COMMON:	51258 CUYD
EMB BENCHING:	19976 CUYD
TOTAL EXCAVATION:	71234 CUYD
EMBANKMENT:	84793 CUYD
EMB BENCHING:	19976 CUYD
Ⓐ ROCK ROADBED:	24479 CUYD
TOTAL EMBANKMENT:	104769 CUYD

- Ⓐ EMBANKMENT IN PLACE BID QUANTITY EXCLUDES ROCK ROADBED. ROCK ROADBED IS PAID FOR UNDER CRUSHED AGGREGATE NO 2.

REVISED 9-23-25

COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	DRAWING TITLE: GENERAL SUMMARY	ITEM NO. 2-898.00	COUNTY OF CHRISTIAN
		SHEET NO. R21	

FENCE-WOVEN WIRE FENCE TYPE I
RAMP C - RT STA. 317+50 TO RT STA. 318+90 (135 LF)
CONCRETE-CLASS B
RAMP C - RT STA. 317+50 TO RT STA. 318+90 (0.25 CUYD)

STANDARD HEADER CURB*
KY 1682 - LT STA. 812+20 TO LT STA. 812+35 (5 LF)
KY 1682 - RT STA. 812+66 TO RT STA. 812+81 (5 LF)
*EXCLUDES QTY'S INCIDENTAL TO TL3

FLUME INLET TYPE 2
KY 1682 - LT STA. 812+03 (1 EA)
KY 1682 - RT STA. 812+49 (1 EA)

SAWCUT PAVEMENT
KY 1682 - LT STA. 806+40 TO LT STA. 812+69 (1335 LF)
KY 1682 - RT STA. 806+00 TO RT STA. 812+95 (1380 LF)

LONGITUDINAL EDGE KEY
KY 1682 - LT STA. 806+40 TO LT STA. 812+69 (678 LF)
KY 1682 - RT STA. 806+00 TO RT STA. 812+95 (1264 LF)

CAP INLET
KY 1682 - LT/RT STA. 807+80 (1 EA)

SAFELOADING
KY 1682 - LT/RT STA. 807+80 (4 CUYD)

STATIONS)	LOCATION	SIZE-SHAPE TYPE	DITCH/CONSTRUCTION				CLASS I GEO. FABRIC QUANTITY (SQYD)
			TYPE	QUANTITY	LINING D (FT)	T (FT)	
317+50 - 318+50	LT	2' FB	ECB	298 SQYD	3		
319+00 - 320+25	LT	2' FB	CL II	233 TONS	3	1.25	406
407+00 - 407+55	LT	2' FB	CL II	93 TONS	3		162
407+55 - 410+50	LT	2' FB	ECB	728 SQYD	3		
410+75 - 412+32	LT	2' FB	ECB	520 SQYD	3		
412+35 - 413+32	LT	2' FB	CL II	186 TONS	3	1.25	325
413+35 - 415+56	LT	2' FB	ECB	818 SQYD	3		
415+56 - 416+50	LT	2' FB	ECB	777 SQYD	3		
319+00 (OUTLET)	LT	2' FB	CL II	316 TONS	3	1.25	552
812+03 (OUTLET)	LT	2' FB	CL III	440 TONS	3	2	505
806+00 - 806+85	LT	"V"	ECB	117 SQYD	1.5		
317+50 - 320+72	CL	"V"	ECB	440 SQYD	1.5		
320+72 - 321+56	RT	2' FB	CL II	623 TONS	3	1.25	1088
403+52 - 406+84	RT	2' FB	CL III	342 TONS	3	1.25	594
406+84 - 407+50	RT	2' FB	CL II	580 TONS	3	2	667
411+86 - 412+71	RT	2' FB	CL II	236 TONS	3	1.25	413
412+71 - 417+00	RT	2' FB	ECB	1233 SQYD	3	1.25	406
812+49 (OUTLET)	RT	2' FB	CL III	357 TONS	3	2	410

REMOVE GUARDRAIL
RAMP C - LT STA. 318+22 TO LT STA. 321+25 (830 LF)
RAMP C - RT STA. 319+30 TO RT STA. 321+95 (269 LF)
RAMP D - LT STA. 404+67 TO LT STA. 411+56 (389 LF)
RAMP D - RT STA. 408+74 TO RT STA. 410+34 (175 LF)
KY 1682 - LT STA. 806+00 TO LT STA. 807+20 (126 LF)
KY 1682 - RT STA. 808+29 TO RT STA. 812+44 (440 LF)
KY 1682 - RT STA. 806+00 TO RT STA. 807+14 (119 LF)
KY 1682 - RT STA. 808+19 TO RT STA. 812+99 (490 LF)

REMOVE PAVEMENT
RAMP C - LT STA. 318+25 TO LT STA. 320+23 (1476 SQYD)
RAMP D - LT STA. 411+14 TO LT STA. 412+25 (1087 SQYD)

SEEDING AND PROTECTION (INCLUDES KY 1682)
RAMP C - LT STA. 317+50 TO LT STA. 321+88 (21595 SQYD)
RAMP C - RT STA. 317+50 TO RT STA. 322+07 (6087 SQYD)
RAMP D - LT STA. 404+67 TO LT STA. 416+36 (32263 SQYD)
RAMP D - RT STA. 403+52 TO RT STA. 417+00 (17387 SQYD)

EROSION CONTROL BLANKET (INCLUDES KY 1682)
RAMP C - LT STA. 317+50 TO LT STA. 322+07 (1684 SQYD)
RAMP C - RT STA. 317+50 TO RT STA. 322+07 (3291 SQYD)
RAMP D - LT STA. 407+25 TO LT STA. 413+25 (3188 SQYD)
RAMP D - RT STA. 403+52 TO RT STA. 416+50 (5568 SQYD)

CONSTRUCT GUARDRAIL-STEEL "W" BEAM SINGLE FACE			
SIDE	STATION TO STATION	LIN FT	END TREATMENT
LT	317+50 TO 321+50	450	1- TYPE 1
RT	317+50 TO 322+19	462.5	

CONSTRUCT G/R STEEL W BEAM-S FACE (7 FT POST)			
SIDE	STATION TO STATION	LIN FT	END TREATMENT
LT	404+37 TO 408+00	400	1- TYPE 2M
LT	806+00 TO 806+86	112.5	
LT	809+00 TO 812+43	275	1- TYPE 1, THRIE BEAM TL-3
LT	812+42 TO 812+61	-	1-THRIE BEAM TL-3
RT	403+52 TO 413+00	962.5	1- TYPE 2M
RT	807+39 TO 812+89	537.5	1-THRIE BEAM TL-3
LT/RT	811+73 TO 812+50	-	1- THRIE BEAM BULLNOSE TERMINAL
RT	812+49 TO 812+68	-	1-THRIE BEAM TL-3

NOTE:
THE CONTRACTOR IS ADVISED TO EXERCISE
CAUTION IN HIS OPERATIONS IN AREAS WHERE
PLANS INDICATE THE PRESENCE OF UTILITIES
OR OTHER LINES CARRYING HAZARDOUS MATERIAL.

FENCE-WOVEN WIRE FENCE TYPE I
RAMP C - RT STA. 317+50 TO RT STA. 318+90 (135 LF)
CONCRETE-CLASS B
RAMP C - RT STA. 317+50 TO RT STA. 318+90 (0.25 CUYD)

STANDARD HEADER CURB
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KY 1682 - RT STA. 812+66 TO RT STA. 812+81 (5 LF)
*EXCLUDES QTY'S INCIDENTAL TO TL3

FLUME INLET TYPE 2
KY 1682 - LT STA. 812+03 (1 EA)
KY 1682 - RT STA. 812+49 (1 EA)

SAWCUT PAVEMENT
KY 1682 - LT STA. 806+40 TO LT STA. 812+69 (1335 LF)
KY 1682 - RT STA. 806+00 TO RT STA. 812+95 (1380 LF)

LONGITUDINAL EDGE KEY
KY 1682 - LT STA. 806+40 TO LT STA. 812+69 (678 LF)
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CAP INLET
KY 1682 - LT/RT STA. 807+80 (1 EA)

SAFELOADING
KY 1682 - LT/RT STA. 807+80 (4 CUYD)

STATIONS)	LOCATION	SIZE-SHAPE TYPE	DITCH/CONSTRUCTION			CLASS 1 GEO. FABRIC QUANTITY (SQYD)	
			TYPE	QUANTITY	D (FT)	T (FT)	
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319+00 - 320+25	LT	2' FB	CL II	233 TONS	3	1.25	406
407+00 - 407+55	LT	2' FB	CL II	93 TONS	3		162
407+55 - 410+50	LT	2' FB	ECB	728 SQYD	3		
410+75 - 412+32	LT	2' FB	ECB	520 SQYD	3		
412+35 - 413+32	LT	2' FB	CL II	186 TONS	3	1.25	325
413+35 - 415+56	LT	2' FB	ECB	818 SQYD	3		
415+56 - 416+50	LT	2' FB	ECB	777 SQYD	3		
319+00 (OUTLET)	LT	2' FB	CL II	316 TONS	3	1.25	552
812+03 (OUTLET)	LT	2' FB	CL III	440 TONS	3	2	505
806+00 - 806+85	LT	"V"	ECB	117 SQYD	1.5		
317+50 - 320+72	RT	2' FB	ECB	440 SQYD	3	1.25	1088
320+72 - 321+56	RT	2' FB	CL III	623 TONS	3	1.25	594
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406+84 - 407+50	RT	2' FB	CL II	236 TONS	3	1.25	413
411+86 - 412+71	RT	2' FB	CL II	233 TONS	3	1.25	406
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RAMP C - LT STA. 318+22 TO LT STA. 321+25 (830 LF)
RAMP C - RT STA. 319+30 TO RT STA. 321+95 (269 LF)
RAMP D - LT STA. 404+67 TO LT STA. 411+56 (389 LF)
RAMP D - RT STA. 408+74 TO RT STA. 410+34 (175 LF)
KY 1682 - LT STA. 806+00 TO LT STA. 807+20 (126 LF)
KY 1682 - RT STA. 808+29 TO RT STA. 812+44 (440 LF)
KY 1682 - RT STA. 806+00 TO RT STA. 807+14 (119 LF)
KY 1682 - RT STA. 808+19 TO RT STA. 812+99 (490 LF)

REMOVE PAVEMENT
RAMP C - LT STA. 318+25 TO LT STA. 320+23 (1476 SQYD)
RAMP D - LT STA. 411+14 TO LT STA. 412+25 (1087 SQYD)

SEEDING AND PROTECTION (INCLUDES KY 1682)
RAMP C - LT STA. 317+50 TO LT STA. 321+88 (21595 SQYD)
RAMP C - RT STA. 317+50 TO RT STA. 322+07 (6087 SQYD)
RAMP D - LT STA. 404+67 TO LT STA. 416+36 (32263 SQYD)
RAMP D - RT STA. 403+52 TO RT STA. 417+00 (17387 SQYD)

EROSION CONTROL BLANKET (INCLUDES KY 1682)
RAMP C - LT STA. 317+50 TO LT STA. 322+07 (1684 SQYD)
RAMP C - RT STA. 317+50 TO RT STA. 322+07 (3291 SQYD)
RAMP D - LT STA. 407+25 TO LT STA. 413+25 (3188 SQYD)
RAMP D - RT STA. 403+52 TO RT STA. 416+50 (5568 SQYD)

CONSTRUCT GUARDRAIL-STEEL "W" BEAM SINGLE FACE			
SIDE	STATION TO STATION	LIN FT	END TREATMENT
LT	317+50 TO 321+50	450	1- TYPE 1
RT	317+50 TO 322+19	462.5	

CONSTRUCT G/R STEEL W BEAM-S FACE (7 FT POST)			
SIDE	STATION TO STATION	LIN FT	END TREATMENT
LT	404+37 TO 408+00	400	1- TYPE 2M
LT	806+00 TO 806+86	112.5	
LT	809+00 TO 812+43	275	1- TYPE 1, THRIE BEAM TL-3
LT	812+42 TO 812+61	-	1- THRIE BEAM TL-3
RT	403+52 TO 413+00	962.5	1- TYPE 2M
RT	807+39 TO 812+89	537.5	1- THRIE BEAM TL-3
LT/RT	811+73 TO 812+50	-	1- THRIE BEAM BULLNOSE TERMINAL
RT	812+49 TO 812+68	-	1- THRIE BEAM TL-3

NOTE:
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