



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

March 8, 2024

CALL NO. 105
CONTRACT ID NO. 241007
ADDENDUM # 2

Subject: Washington County, STP 0551(053)
Letting March 21, 2024

- (1) Revised - Utilities and Rail Certification Note - Pages 93-99 of 213
- (2) Revised - Proposal Bid Items - Pages 208-213 of 213
- (3) Revised - Plan Sheets R002P, R002Y, R002Z, R060, R062, R064, R066, R067, R092, R107, R108

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

UTILITIES AND RAIL CERTIFICATION NOTE

Washington County
No federal number available
FD04 115 1284101D
Mile point: 0.000 TO 8.700
IMPROVE MOBILITY ON THE KY 555 HEARTLAND PARKWAY CORRIDOR FROM US 150X (MP 0.00) TO KY
53 (MP 8.7) (2022CCN)
ITEM NUMBER: 04-164.10

PROJECT NOTES ON UTILITIES

For all projects under 2000 Linear feet which require a normal excavation locate request pursuant to KRS 367.4901-4917, the awarded contractor shall field mark the proposed excavation or construction boundaries of the project (also called white lining) using the procedure set forth in KRS 367.4909(9)(k). For all projects over 2000 linear feet, which are defined as a "Large Project" in KRS 367.4903(18), the awarded contractor shall initially mark the first 2000 linear feet minimally of proposed excavation or construction boundaries of the project to be worked using the procedure set forth in KRS 367.4909(9)(k). This temporary field locating of the project excavation boundary shall take place prior to submitting an excavation location request to the underground utility protection Kentucky Contact Center. For large projects, the awarded contractor shall work with the impacted utilities to determine when additional white lining of the remainder of the project site will take place. This provision shall not alter or relieve the awarded contractor from complying with requirements of KRS 367.4905 to 367.4917 in their entirety.

Please Note: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.

The contractor will be responsible for contacting all utility facility owners on the subject project to coordinate his activities. The contractor will coordinate his activities to minimize and, where possible, avoid conflicts with utility facilities. Due to the nature of the work proposed, it is unlikely to conflict with the existing utilities beyond minor facility adjustments. Where conflicts with utility facilities are unavoidable, the contractor will coordinate any necessary relocation work with the facility owner and Resident Engineer. The Kentucky Transportation Cabinet maintains the right to remove or alter portions of this contract if a utility conflict occurs. The utility facilities as noted in the previous section(s) have been determined using data garnered by varied means and with varying degrees of accuracy: from the facility owners, a result of S.U.E., field inspections, and/or reviews of record drawings. The facilities defined may not be inclusive of all utilities in the project scope and are not Level A quality, unless specified as such. It is the contractor's responsibility to verify all utilities and their respective locations before excavating.

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to

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367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. The contractor is instructed to contact KY 811 for the location of existing underground utilities. Contact shall be made a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY 811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom are to be contacted through their individual Protection Notification Center. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area. Non-compliance with these directives can result in the enforcement of penalties.

****SPECIAL NOTE FOR POTENTIAL WATERLINE CONFLICTS****

Throughout the project corridor there are areas where the waterline may come in conflict with the proposed daylighting of rock subgrade. In these areas, as directed by the Engineer, the Contractor shall box the crushed stone base in lieu of daylighting so as not to impact the waterline. The Contractor shall notify KYTC, once BUD locates are determined, if any work will occur over existing waterline. KYTC will direct the contractor at that time on what precautions or modifications shall be taken to avoid the waterline if any. No claims for delays or additional monies will be granted for modifications to the subgrade construction due to waterline conflicts. These locations may include but are not limited to the following stations:

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POSSIBLE WATERLINE CONFLICTS BY MAINLINE STATION
19+00-32+00
52+00 - 55+00
69+00 – 75+00
101+00 – 107+00
111+00 – 113+00
186+00 – 192+00
373+00 – 376+00

NOTE: DO NOT DISTURB THE FOLLOWING FACILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

Salt River Electric Cooperative Corp. – Electric – has an aerial crossing at approximate rt station 443+50

Atmos Energy - Natural Gas – Has 6-inch gas line on US 150X from Rt Station Rt 11+44.52 to Rt Sta 14+50 and then cross US 150X to the left side. Also, there is an existing 4-inch line that crosses under KY 555 at approximately station 11+00.

AT&T Kentucky – Communication - has an aerial crossing at approximate station 443+50 and a under ground cable crossing at approximate station 421+99.07.

Springfield Water & Sewer– Water – Has a 12- & 16-inch raw water line that is on the left side of the roadway and runs the entire length of the project. There also is a 6-inch water line that is on the right

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side of the roadway and run the length of the project. The cross section denotes the horizontal location of the lines only.

Spectrum – Communications – Has aerial crossing at approximate station 283+00

The Contractor is fully responsible for protection of all utilities listed above

THE FOLLOWING FACILITY OWNERS ARE RELOCATING/ADJUSTING THEIR FACILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

Springfield Water & Sewer Commission – the Water District will be increasing the length of the existing encasement for the water line LT Station 52+-00 to 55+00 and this work is to complete this by June 1st, 2024. Should field conditions be different than record plans and prohibit the encasement work to be completed, a relocation of the existing line will be done at a later date while the roadway contract is ongoing.

THE FOLLOWING FACILITY OWNERS HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE OWNER OR THEIR SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

Not Applicable

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THE FOLLOWING FACILITY OWNERS HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD CONTRACTOR AS INCLUDED IN THIS CONTRACT

Not Applicable

RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

No Rail Involvement **Rail Involved** **Rail Adjacent**

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AREA FACILITY OWNER CONTACT LIST

Facility Owner	Address	Contact Name	Phone	Email
AT&T Kentucky - Communication	1535 Twilight Trail Frankfort Ky 40601	Clark Sanders	5022270827	js0962@att.com
Atmos Energy - Natural Gas	3275 Highland Pointe Drive Owensboro KY 42303	Silas Bohlen	2706858020	silas.bohlen@atmosenergy.com
Salt River Electric Cooperative Corp. - Electric	2230 Parkway Drive. Bardstown Ky 40004	Daniel Carrico	5023737730	dcarrico@srelectric.com
Springfield Water & Sewer Commission - Water	603 W. Main St. Springfield KY 40069	Daren Thompson	2706922491	Daren.Thompson@lebanonwaterworks.com
Bluegrass Network - Communications	115 W. Williams Street PO Box 1614 Elizabethtown KY 42702	Terry Hullett	2709828860	thullett@bluegrassnetwork.com
Kentucky Utilities- Electric	1100 Main Street Shelbyville Ky 40065	Caroline Justice	5026273708	caroline.justice@lge-ku.com

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Charter Communication Holdings	1617 Foxhaven Dr. Richmond, KY 40475	Greg Russell	859-626- 4829	Gregory.Russell@charter.com
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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	82,843.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	804.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	96.00	TON		\$	
0040	00190		LEVELING & WEDGING PG64-22	10,388.00	TON		\$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	10,871.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	27,339.00	TON		\$	
0070	00301		CL2 ASPH SURF 0.38D PG64-22	4,260.00	TON		\$	
0080	00387		CL3 ASPH SURF 0.38B PG76-22	4,406.00	TON		\$	
0090	00388		CL3 ASPH SURF 0.38B PG64-22	17,625.00	TON		\$	
0100	02069		JPC PAVEMENT-10 IN	2,790.00	SQYD		\$	
0110	02101		CEM CONC ENT PAVEMENT-8 IN	6,712.00	SQYD		\$	
0120	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0130	02677		ASPHALT PAVE MILLING & TEXTURING	3,884.00	TON		\$	
0140	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	133.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0150	00078		CRUSHED AGGREGATE SIZE NO 2	2.00	TON		\$	
0160	01000		PERFORATED PIPE-4 IN	36.00	LF		\$	
0170	01010		NON-PERFORATED PIPE-4 IN	16.00	LF		\$	
0180	01028		PERF PIPE HEADWALL TY 3-4 IN	2.00	EACH		\$	
0190	01810		STANDARD CURB AND GUTTER	1,554.00	LF		\$	
0200	01825		ISLAND CURB AND GUTTER	5,471.00	LF		\$	
0210	01875		STANDARD HEADER CURB	632.00	LF		\$	
0220	01984		DELINEATOR FOR BARRIER - WHITE	16.00	EACH		\$	
0230	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	330.00	EACH		\$	
0240	02003		RELOCATE TEMP CONC BARRIER	820.00	LF		\$	
0250	02014		BARRICADE-TYPE III	16.00	EACH		\$	
0260	02015		CEMENT CONCRETE ISLAND	5,389.00	SQYD		\$	
0270	02058		REMOVE PCC PAVEMENT	1,750.00	SQYD		\$	
0280	02091		REMOVE PAVEMENT	691.00	SQYD		\$	
0290	02159		TEMP DITCH	24,097.00	LF		\$	
0300	02160		CLEAN TEMP DITCH	12,048.00	LF		\$	
0310	02165		REMOVE PAVED DITCH	7,100.00	SQYD		\$	
0320	02200		ROADWAY EXCAVATION	123,775.00	CUYD		\$	
0330	02223		GRANULAR EMBANKMENT	2,165.00	CUYD		\$	
0335	02230		EMBANKMENT IN PLACE (ADDED 3-8-24)	100,234.00	CUYD		\$	
0340	02265		REMOVE FENCE	1,634.00	LF		\$	
0350	02360		GUARDRAIL TERMINAL SECTION NO 1	23.00	EACH		\$	
0360	02367		GUARDRAIL END TREATMENT TYPE 1	35.00	EACH		\$	
0370	02369		GUARDRAIL END TREATMENT TYPE 2A	1.00	EACH		\$	
0380	02371		GUARDRAIL END TREATMENT TYPE 7	2.00	EACH		\$	
0390	02381		REMOVE GUARDRAIL	25,713.00	LF		\$	

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0400	02403		REMOVE CONCRETE MASONRY	124.00	CUYD		\$	
0410	02429		RIGHT-OF-WAY MONUMENT TYPE 1 (REVISED 3-8-24)	11.00	EACH		\$	
0420	02432		WITNESS POST	3.00	EACH		\$	
0430	02483		CHANNEL LINING CLASS II	7,383.00	TON		\$	
0440	02484		CHANNEL LINING CLASS III	3,259.00	TON		\$	
0450	02545		CLEARING AND GRUBBING 192 ACRES	1.00	LS		\$	
0460	02555		CONCRETE-CLASS B	8.00	CUYD		\$	
0470	02562		TEMPORARY SIGNS	5,400.00	SQFT		\$	
0480	02565		OBJECT MARKER TYPE 2	2.00	EACH		\$	
0490	02585		EDGE KEY	869.00	LF		\$	
0500	02602		FABRIC-GEOTEXTILE CLASS 1	14,298.00	SQYD		\$	
0510	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0520	02671		PORTABLE CHANGEABLE MESSAGE SIGN (REVISED 3-8-24)	6.00	EACH		\$	
0530	02697		EDGELINE RUMBLE STRIPS 16 IN	90,850.00	LF		\$	
0540	02701		TEMP SILT FENCE	24,574.00	LF		\$	
0550	02703		SILT TRAP TYPE A	251.00	EACH		\$	
0560	02704		SILT TRAP TYPE B	251.00	EACH		\$	
0570	02705		SILT TRAP TYPE C	251.00	EACH		\$	
0580	02706		CLEAN SILT TRAP TYPE A	251.00	EACH		\$	
0590	02707		CLEAN SILT TRAP TYPE B	251.00	EACH		\$	
0600	02708		CLEAN SILT TRAP TYPE C	251.00	EACH		\$	
0610	02726		STAKING	1.00	LS		\$	
0620	02775		ARROW PANEL	4.00	EACH		\$	
0630	02898		RELOCATE CRASH CUSHION	4.00	EACH		\$	
0640	03171		CONCRETE BARRIER WALL TYPE 9T	820.00	LF		\$	
0650	04933		TEMP SIGNAL 2 PHASE	2.00	EACH		\$	
0660	04935		TEMP SIGNAL KY-528	1.00	LS		\$	
0670	04935		TEMP SIGNAL US-150	1.00	LS		\$	
0680	04935		TEMP SIGNAL US-150X	1.00	LS		\$	
0690	05950		EROSION CONTROL BLANKET	20,265.00	SQYD		\$	
0700	05952		TEMP MULCH	809,749.00	SQYD		\$	
0710	05953		TEMP SEEDING AND PROTECTION	607,009.00	SQYD		\$	
0720	05963		INITIAL FERTILIZER	48.00	TON		\$	
0730	05964		MAINTENANCE FERTILIZER	29.00	TON		\$	
0740	05985		SEEDING AND PROTECTION	928,748.00	SQYD		\$	
0750	05989		SPECIAL SEEDING CROWN VETCH	165,454.00	SQYD		\$	
0760	05992		AGRICULTURAL LIMESTONE	576.00	TON		\$	
0770	06510		PAVE STRIPING-TEMP PAINT-4 IN	518,058.00	LF		\$	
0780	06542		PAVE STRIPING-THERMO-6 IN W	126,692.00	LF		\$	
0790	06543		PAVE STRIPING-THERMO-6 IN Y	125,368.00	LF		\$	
0800	06544		PAVE STRIPING-THERMO-8 IN W	675.00	LF		\$	
0810	06545		PAVE STRIPING-THERMO-8 IN Y	5,119.00	LF		\$	
0820	06546		PAVE STRIPING-THERMO-12 IN W	468.00	LF		\$	
0830	06547		PAVE STRIPING-THERMO-12 IN Y 60 IN	2,530.00	LF		\$	

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0840	06556		PAVE STRIPING-DUR TY 1-6 IN W	1,595.00	LF		\$	
0850	06557		PAVE STRIPING-DUR TY 1-6 IN Y	1,485.00	LF		\$	
0860	06569		PAVE MARKING-THERMO CROSS-HATCH 12 IN	43,480.00	SQFT		\$	
0870	06574		PAVE MARKING-THERMO CURV ARROW	66.00	EACH		\$	
0880	06578		PAVE MARKING-THERMO MERGE ARROW	26.00	EACH		\$	
0890	06610		INLAID PAVEMENT MARKER-MW	368.00	EACH		\$	
0900	06612		INLAID PAVEMENT MARKER-BY	1,257.00	EACH		\$	
0910	08901		CRASH CUSHION TY VI CLASS BT TL2	4.00	EACH		\$	
0920	10020NS		FUEL ADJUSTMENT	166,905.00	DOLL	\$1.00	\$	\$166,905.00
0930	10030NS		ASPHALT ADJUSTMENT	250,488.00	DOLL	\$1.00	\$	\$250,488.00
0940	20191ED		OBJECT MARKER TY 3	40.00	EACH		\$	
0950	20458ES403		CENTERLINE RUMBLE STRIPS	27,652.00	LF		\$	
0960	21289ED		LONGITUDINAL EDGE KEY	45,789.00	LF		\$	
0970	21370ED		LONGITUDINAL SAW CUT- 6 IN	1,705.00	LF		\$	
0980	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	26,925.00	LF		\$	
0990	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	168.00	LF		\$	
1000	22664EN		WATER BLASTING EXISTING STRIPE	396,845.00	LF		\$	
1010	23821EC		CENTERLINE RUMBLE STRIPS-12 IN	52,445.00	LF		\$	
1020	23875NC		REMOVE THERMOPLASTIC ARROWS	43.00	EACH		\$	
1030	24114EC		PAVE MARK-THERMO-YIELD	12.00	EACH		\$	
1040	24115EC		ROUNDAABOUT ARROW	24.00	EACH		\$	
1050	24955ED		REMOVE SIGNAL EQUIPMENT	3.00	EACH		\$	
1060	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	8.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1070	00462		CULVERT PIPE-18 IN	499.00	LF		\$	
1080	00464		CULVERT PIPE-24 IN	21.00	LF		\$	
1090	00468		CULVERT PIPE-36 IN	60.00	LF		\$	
1100	00469		CULVERT PIPE-42 IN	12.00	LF		\$	
1110	00521		STORM SEWER PIPE-15 IN	292.00	LF		\$	
1120	00522		STORM SEWER PIPE-18 IN	93.00	LF		\$	
1130	01204		PIPE CULVERT HEADWALL-18 IN	14.00	EACH		\$	
1140	01212		PIPE CULVERT HEADWALL-36 IN	2.00	EACH		\$	
1150	01214		PIPE CULVERT HEADWALL-42 IN	1.00	EACH		\$	
1160	01310		REMOVE PIPE	126.00	LF		\$	
1170	01371		METAL END SECTION TY 1-18 IN	14.00	EACH		\$	
1180	01381		METAL END SECTION TY 2-18 IN	2.00	EACH		\$	
1190	01450		S & F BOX INLET-OUTLET-18 IN	2.00	EACH		\$	
1200	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
1210	01453		S & F BOX INLET-OUTLET-36 IN	1.00	EACH		\$	
1220	01480		CURB BOX INLET TYPE B	21.00	EACH		\$	
1230	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	
1240	01535		DROP BOX INLET TYPE 6F	1.00	EACH		\$	
1250	01585		REMOVE DROP BOX INLET	1.00	EACH		\$	
1260	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
1270	01705		REMOVE CURB & GUTTER BOX INLET	2.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1280	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,449.00	SQYD	\$2.00	\$	\$2,898.00
1290	02625		REMOVE HEADWALL	9.00	EACH		\$	
1300	02690		SAFELoADING	1.78	CUYD		\$	
1310	03260		CLEAN ROADWAY DRAINS	2.00	EACH		\$	
1320	03262		CLEAN PIPE STRUCTURE	14.00	EACH		\$	
1330	08100		CONCRETE-CLASS A	22.48	CUYD		\$	
1340	21541NN		CORED HOLE DRAINAGE BOX CON- 18 IN	1.00	EACH		\$	
1350	23628EC		CORED HOLE DRAINAGE CONN TO HEADWALL	2.00	EACH		\$	
1360	23952EC		DRAINAGE JUNCTION BOX TY B	1.00	EACH		\$	
1370	24814EC		PIPELINE INSPECTION	7,546.00	LF		\$	

Section: 0004 - BRIDGE- CULVERT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1380	00003		CRUSHED STONE BASE	15.00	TON		\$	
1390	00078		CRUSHED AGGREGATE SIZE NO 2	56.00	TON		\$	
1400	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1410	08100		CONCRETE-CLASS A	11.00	CUYD		\$	
1420	08150		STEEL REINFORCEMENT	650.00	LB		\$	
1430	20465EC		CLEAN CULVERT	1.00	LS		\$	
1440	22146EN		CONCRETE PATCHING REPAIR	26.00	SQFT		\$	

Section: 0005 - BRIDGE - LONG LICK BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1450	02231		STRUCTURE GRANULAR BACKFILL	202.00	CUYD		\$	
1460	02403		REMOVE CONCRETE MASONRY	66.00	CUYD		\$	
1470	03299		ARMORED EDGE FOR CONCRETE	102.00	LF		\$	
1480	03300		ELIMINATE TRANSVERSE JOINT RETROFIT - JOINT ELIMINATION BY SLAB EXTENSION	69.50	LF		\$	
1490	08001		STRUCTURE EXCAVATION-COMMON	192.00	CUYD		\$	
1500	08019		CYCLOPEAN STONE RIP RAP	784.00	TON		\$	
1510	08020		CRUSHED AGGREGATE SLOPE PROT	458.00	TON		\$	
1520	08033		TEST PILES	110.00	LF		\$	
1530	08046		PILES-STEEL HP12X53	299.00	LF		\$	
1540	08100		CONCRETE-CLASS A	130.60	CUYD		\$	
1550	08104		CONCRETE-CLASS AA	172.40	CUYD		\$	
1560	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	50.00	EACH		\$	
1570	08150		STEEL REINFORCEMENT	28,995.00	LB		\$	
1580	08151		STEEL REINFORCEMENT-EPOXY COATED	48,690.00	LB		\$	
1590	08160		STRUCTURAL STEEL 124125 LBS	1.00	LS		\$	
1600	08170		SHEAR CONNECTORS 1482 LBS	1.00	LS		\$	
1610	08504		EPOXY SAND SLURRY	74.00	SQYD		\$	
1620	08510		REM EPOXY BIT FOREIGN OVERLAY	879.00	SQYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1630	08534		CONCRETE OVERLAY-LATEX	58.30	CUYD		\$	
1640	08549		BLAST CLEANING	594.00	SQYD		\$	
1650	08550		HYDRODEMOLITION	879.00	SQYD		\$	
1660	20745ED		ROCK SOUNDINGS	24.70	LF		\$	
1670	20746ED		ROCK CORINGS	55.00	LF		\$	
1680	21322NC		CSL TESTING (6 TUBES)	2.00	EACH		\$	
1690	22146EN		CONCRETE PATCHING REPAIR	18.00	SQFT		\$	
1700	23000EX		DRILLED SHAFT-66 IN (ROCK)	22.00	LF		\$	
1710	23032EN		BRIDGE BARRIER RETROFIT RETROFIT TO - RAIL SYSTEM SINGLE SLOPE 40 INCH	316.00	LF		\$	
1720	23249EC		DRILLED SHAFT-72 IN COMMON	24.70	LF		\$	
1730	23378EC		CONCRETE SEALING	10,300.00	SQFT		\$	
1740	23744EC		EPOXY INJECTION CRACK REPAIR	73.00	LF		\$	
1750	24094EC		PARTIAL DEPTH PATCHING	4.00	CUYD		\$	
1760	24981EC		BRIDGE CLEANING LONG LICK CREEK	1.00	LS		\$	
1770	24983EC		BEARING LUBRICATION	8.00	EACH		\$	
1780	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	286.00	LF		\$	

Section: 0006 - BRIDGE - KY 555 OVER BEECH FORK

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1790	03299		ARMORED EDGE FOR CONCRETE	88.00	LF		\$	
1800	03300		ELIMINATE TRANSVERSE JOINT RETROFIT - JOINT ELIMINATION BY SLAB EXTENSION	95.50	LF		\$	
1810	08019		CYCLOPEAN STONE RIP RAP	1,134.00	TON		\$	
1820	08020		CRUSHED AGGREGATE SLOPE PROT	175.00	TON		\$	
1830	08151		STEEL REINFORCEMENT-EPOXY COATED	2,297.00	LB		\$	
1840	08504		EPOXY SAND SLURRY	74.00	SQYD		\$	
1850	08510		REM EPOXY BIT FOREIGN OVERLAY	1,363.00	SQYD		\$	
1860	08534		CONCRETE OVERLAY-LATEX	58.00	CUYD		\$	
1870	08549		BLAST CLEANING	74.00	SQYD		\$	
1880	08550		HYDRODEMOLITION	1,363.00	SQYD		\$	
1890	22146EN		CONCRETE PATCHING REPAIR	33.00	SQFT		\$	
1900	23378EC		CONCRETE SEALING	591.00	SQFT		\$	
1910	24094EC		PARTIAL DEPTH PATCHING	6.00	CUYD		\$	
1920	24981EC		BRIDGE CLEANING BEECH FORK	1.00	LS		\$	

Section: 0007 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1930	06406		SBM ALUM SHEET SIGNS .080 IN	2,800.00	SQFT		\$	
1940	06407		SBM ALUM SHEET SIGNS .125 IN	257.00	SQFT		\$	
1950	06410		STEEL POST TYPE 1	4,975.00	LF		\$	
1960	06412		STEEL POST MILE MARKERS	7.00	EACH		\$	
1970	21596ND		GMSS TYPE D	12.00	EACH		\$	

PROPOSAL BID ITEMS

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Report Date 3/8/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1980	24631EC		BARCODE SIGN INVENTORY	292.00	EACH		\$	

Section: 0008 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1990	04701		POLE 40 FT MTG HT LIGHTING PER ROUNDABOUT	42.00	EACH		\$	
2000	04720		BRACKET 4 FT	9.00	EACH		\$	
2010	04721		BRACKET 6 FT	1.00	EACH		\$	
2020	04722		BRACKET 8 FT	6.00	EACH		\$	
2030	04723		BRACKET 10 FT	4.00	EACH		\$	
2040	04724		BRACKET 12 FT	5.00	EACH		\$	
2050	04725		BRACKET 15 FT	17.00	EACH		\$	
2060	04740		POLE BASE	42.00	EACH		\$	
2070	04750		TRANSFORMER BASE	42.00	EACH		\$	
2080	04761		LIGHTING CONTROL EQUIPMENT	3.00	EACH		\$	
2090	04780		FUSED CONNECTOR KIT	84.00	EACH		\$	
2100	04820		TRENCHING AND BACKFILLING	4,400.00	LF		\$	
2110	04832		WIRE-NO. 12	5,600.00	LF		\$	
2120	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	14.00	EACH		\$	
2130	21543EN		BORE AND JACK CONDUIT	3,100.00	LF		\$	
2140	23778EC		WIRE-NO. 10	23,100.00	LF		\$	
2150	24589ED		LED LUMINAIRE	42.00	EACH		\$	
2160	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	4,650.00	LF		\$	
2170	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	3,500.00	LF		\$	

Section: 0009 - DEMOBILIZATION AND/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2180	02568		MOBILIZATION	1.00	LS		\$	
2190	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	KY 55	US 150X	KY 528	US 150	TOTALS
78	CRUSHED AGGREGATE SIZE NO 2	TON	2				2
1000	PERFORATED PIPE-4 IN	LF	36				36
1010	NON-PERFORATED PIPE-4 IN	LF	16				16
1028	PERF PIPE HEADWALL TY3-4 IN	EACH	2				2
1810	STANDARD CURB AND GUTTER	LF	1,554				1,554
1875	STANDARD HEADER CURB	LF	632				632
1825	ISLAND CURB & GUTTER	LF	5,471				5,471
1984	DELINEATOR FOR BARRIER-WHITE	EACH	16				16
1987	DELINEATOR FOR GUARDRAIL B/W	EACH	330				330
2003	RELOCATE TEMP CONC. BARRIER	LF	820				820
2014	TYPE III BARRICADE	EACH	16				16
2015	CEMENT CONCRETE ISLAND	SOYD		1,688	1,481	2,220	5,389
2058	REMOVE ECC PAVEMENT	SOYD	1,750				1,750
2091	REMOVE PAVEMENT	SOYD	691				691
2159	TEMP DITCH	LF	24,097				24,097
2165	CLEAN TEMP DITCH	LF	12,048				12,048
2165	REMOVE PAVED DITCH	SOYD	7,100				7,100
2200	ROADWAY EXCAVATION	CUYD	123,775				123,775
2223	GRANULAR EMBANKMENT	CUYD	2,165				2,165
2230	EMBANKMENT IN-PLACE	CUYD	100,234				100,234
2265	REMOVE FENCE	LF	1,634				1,634
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	23				23
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	35				35
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	1				1
2371	GUARDRAIL END TREATMENT TYPE 7	EACH	2				2
2381	REMOVE GUARDRAIL	LF	25,713				25,713
2403	REMOVE CONCRETE MASONRY	CUYD	124				124
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	11				11
2432	WITNESS POST	EACH	3				3
2483	CHANNEL LINING CLASS II	TONS	7,383				7,383
2484	CHANNEL LINING CLASS III	TONS	3,259				3,259
2545	CLEARING AND GRUBBING	LS	1				1
2555	CONCRETE CLASS B	(4)					
2555	CONCRETE CLASS B	(2)					
2582	TEMPORARY SIGNS	CUYD	8				8
2582	TEMPORARY SIGNS	SF	5,400				5,400
2585	OBJECT MARKER TYPE 2	EACH	2				2
2568	MOBILIZATION	LS	1				1
2569	DEMOLITION	LS	1				1
2585	EDGE KEY	LF	869				869
2602	FABRIC-GEOTEXTILE CLASS 1	SOYD	14,298				14,298
2650	MAINTAIN & CONTROL TRAFFIC	LS	1				1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6				6
2697	EDGE LINE RUMBLE STRIPS	LF	90,850				90,850
2701	TEMP SILT FENCE	LF	24,574				24,574
2703	SILT TRAP TYPE A	EACH	251				251
2704	SILT TRAP TYPE B	EACH	251				251
2705	SILT TRAP TYPE C	EACH	251				251
2706	CLEAN SILT TRAP TYPE A	EACH	251				251
2707	CLEAN SILT TRAP TYPE B	EACH	251				251
2708	CLEAN SILT TRAP TYPE C	EACH	251				251
2726	STAKING	LS	1				1
2775	ARROW PANEL	EACH	4				4
2898	RELOCATE CRASH CUSHION	EACH	4				4
3171	CONCRETE BARRIER WALL TYPE 9T	LF	820				820
4933	TEMP SIGNAL 2 PHASE	EACH	2				2
4935	TEMP SIGNAL (US 150X)	LS	1				1
4935	TEMP SIGNAL (KY 528)	LS	1				1
4935	TEMP SIGNAL (US 150)	LS	1				1
5950	EROSION CONTROL BLANKET	SOYD	20,265				20,265
5952	TEMP MULCH	SOYD	809,749				809,749
5953	TEMP SEEDING AND PROTECTION	SOYD	607,009				607,009
5963	INITIAL FERTILIZER	TONS	48				48
5964	MAINTENANCE FERTILIZER	TONS	29				29
5985	SEEDING AND PROTECTION	SOYD	928,748				928,748
5989	SPECIAL SEEDING CROWN VETCH	SOYD	165,454				165,454
5992	AGRICULTURAL LIMESTONE	TONS	576				576
6510	PAVE STRIPING - TEMP PAINT - 4 IN	LF	518,058				518,058
6542	PAVE STRIPING - THERMO 6 IN WHITE	LF	126,692				126,692
6543	PAVE STRIPING - THERMO 6 IN YELLOW	LF	125,368				125,368
6544	PAVE STRIPING - THERMO 8 IN WHITE	LF	675				675
6545	PAVE STRIPING - THERMO 8 IN YELLOW	LF	5,119				5,119
6546	PAVE STRIPING - THERMO 12 IN WHITE	LF	468				468
6547	PAVE MARKING - THERMO - 60 IN YELLOW ((5)-12")	LF	2,530				2,530
6556	PAVE STRIPING - DUR TY 1-6 IN W	LF	1,595				1,595

NOTES:

EARTHWORK CALCULATIONS

EXCAVATION
79,959 CY COM KY 555

43,816 CY COM MISC. FND. BENCH ETC.

123,775 CY TOTAL EXCAVATION

EMBANKMENT
56,418 CY EMB KY 555

43,816 CY EMB FND. EMB. BENCH

100,234 CY TOTAL EMBANKMENT

1 50 LF APPROACH TO BEECH FORK BRIDGE &
450 LF AT US 150 NE SECTION.
2 GROUTED CHANNEL LINING WITH HIGH
3000 PSI GROUT.

3 INCLUDES 4702 SY FOR PAVED DITCH REMOVAL.
4 APPROXIMATE 192 ACRES.
(CLEARING TO WITHIN 5' OF R/W).
5 INCLUDES 1,422 TONS FOR PAVED DITCH REMOVAL.

6 RUBBLIZE EXISTING PAVED DITCH IN PLACE
FINISH TO GRADE W/ FABRIC GEOTEXTILE CLASS 1
& CLASS III CHANNEL LINING.
7 SEE STD. DWG. RPM-120-07 SECTION 4-4 FOR
ISLAND INTERIOR DESIGN. OUTSIDE CURB OR CURB
& GUTTER SHALL BE PER NOTES ON PLAN SHEETS.
8 REMOVE EXISTING CONCRETE ISLAND
SEE SHEET R014. (US 150)

9 CONTRARY TO SECTIONS 204 & 206, THE CONTRACTOR
WILL BE COMPENSATED FOR ROADWAY EXCAVATION
& EMBANKMENT IN-PLACE. FUEL ADJUSTMENTS WILL
BE APPLICABLE TO BOTH BID ITEMS.

"SPECIAL NOTE FOR ROADWAY EXCAVATION" -
CONTRARY TO THE CURRENT KENTUCKY STANDARD
THIS CONTRACT HAS QUANTITIES FOR BOTH EXCAVATION
& EMBANKMENT IN-PLACE.

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,
SECTION 204. OVERHAUL SHALL NOT BE CONSIDERED FOR
ANY UNDERCUT. SPECIAL EXCAVATIONS OR AUTHORIZED
ROADWAY EXCAVATION ADJUSTMENTS FOR THIS PROJECT.

FOR DRAINAGE QUANTITIES -
SEE DRAINAGE SUMMARY SHEET

FOR STRUCTURE QUANTITIES -
SEE STRUCTURE SUMMARY SHEET

FOR LIGHTING QUANTITIES -
SEE LIGHTING SUMMARY SHEET

FOR SIGNING QUANTITIES -
SEE SIGNING SUMMARY SHEET



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2569	DEMOLITION	LS	1				1
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3000 PSI GROUT.
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FINISH TO GRADE W/ FABRIC GEOTEXTILE CLASS 1
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SEE STD. DWG. RPM-120-07 SECTION 4-4 FOR
ISLAND INTERIOR DESIGN. OUTSIDE CURB OR CURB
& GUTTER SHALL BE PER NOTES ON PLAN SHEETS.
REMOVE EXISTING CONCRETE ISLAND

SEE SHEET R014-105-150
CONTRARY TO SECTIONS 204 & 206, THE CONTRACTOR
WILL BE COMPENSATED FOR ROADWAY EXCAVATION
& EMBANKMENT IN-PLACE. FUEL ADJUSTMENTS WILL
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- FOR DRAINAGE QUANTITIES -
SEE DRAINAGE SUMMARY SHEET
- FOR STRUCTURE QUANTITIES -
SEE STRUCTURE SUMMARY SHEET
- FOR LIGHTING QUANTITIES -
SEE LIGHTING SUMMARY SHEET
- FOR SIGNING QUANTITIES -
SEE SIGNING SUMMARY SHEET

GENERAL NOTES

CONTROL OF ACCESS

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. NOTE: PER KYTC HIS: PARTIALLY CONTROLLED ACCESS ENDS AT MP 8.084 & REMAINING END OF PROJECT IS BY PERMIT. ACCESS SHALL BE PROVIDED WHERE SPECIFICALLY INDICATED ON THE PLANS.

N.G.S. (U.S.G.S.) BENCH MARKS

DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL ITEMS

UNLESS OTHERWISE DIRECTED, ALL SALVAGEABLE TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED FOR MAINTAINING AND CONTROLLING TRAFFIC DURING CONSTRUCTION.

EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

REMOVING GUARDRAIL

THE EXISTING GUARDRAIL SYSTEM, INCLUDING POST, TERMINAL SECTIONS, AND END TREATMENTS, SHALL BE REMOVED IN A MANNER ACCEPTABLE TO THE ENGINEER WHICH WILL AVOID DAMAGE DURING REMOVAL. WHEN REMOVING GUARDRAIL, NO OPEN ENDS OR GAPS SHALL BE LEFT EXPOSED TO ONGOING TRAFFIC WITHOUT ADEQUATE PROTECTION OR WARNING DEVICES. PAYMENT SHALL BE AT THE UNIT PRICE FOR "REMOVING GUARDRAIL" (CODE NO. 2381).

SALVAGE EXISTING MATERIAL AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER EXISTING SALVAGED GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502) 564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00AM AND 3:00PM, MONDAY THROUGH FRIDAY. REMOVE ANY EXISTING GUARDRAIL WITH A LANE CLOSURE IN PLACE. DO NOT LEAVE THE AREA UNPROTECTED. AFTER THE GUARDRAIL IS REMOVED, A SHOULDER CLOSURE SHALL REMAIN IN PLACE UNTIL THE GUARDRAIL IS REPLACED IN THAT AREA OR GRADING IS COMPLETE.

WASTE AREAS

THE PROJECT EARTHWORK BALANCE INDICATES AN EXCESS OF EXCAVATED MATERIAL TO BE WASTED. SINKHOLES AND RAMP INFIELDS USED TO POND WATER SHALL NOT BE USED AS WASTE AREAS.

MATERIAL TRANSFER VEHICLE

A MATERIAL TRANSFER VEHICLE (MTV) SHALL BE REQUIRED FOR ALL ASPHALT PAVING ON MAINLINE DRIVING LANES IN ACCORDANCE WITH SECTION 403.02.10 OF THE STANDARD SPECIFICATIONS AND CURRENT SUPPLEMENTAL SPECIFICATIONS.

NOTICE - CAUTION - CLASSIFICATION

WITHOUT REGARD TO THE MATERIALS ENCOUNTERED, ALL ROADWAY AND DRAINAGE EXCAVATION SHALL BE UNCLASSIFIED AND SHALL BE DESIGNATED AS "ROADWAY EXCAVATION". IT SHALL BE DISTINCTLY UNDERSTOOD THAT ANY REFERENCE TO ROCK, EARTH OR ANY OTHER MATERIAL ON THE PLANS OR CROSS SECTIONS, WHETHER IN NUMBERS, WORDS, LETTERS OR LINES, IS SOLELY FOR THE DEPARTMENT'S INFORMATION AND IS NOT TO BE TAKEN AS AN INDICATION OF CLASSIFIED EXCAVATION OR THE QUALITY OF EITHER ROCK, EARTH OR MATERIAL INVOLVED. THE BIDDER MUST DRAW HIS OWN CONCLUSION AS TO THE CONDITIONS TO BE ENCOUNTERED. THE DEPARTMENT DOES NOT GIVE ANY GUARANTEE AS TO THE ACCURACY OF THE DATE AND NO CLAIM WILL BE CONSIDERED FOR ADDITIONAL COMPENSATION IF THE MATERIALS ENCOUNTERED ARE IN ACCORD WITH THE CLASSIFICATION SHOWN.

GEOTECHNICAL

FOR ANY ITEM RELATED TO GEOTECHNICAL RECOMMENDATIONS SUCH AS BUT NOT LIMITED TO TRANSVERSE BENCHING, PERFORATED PIPED, PILE CORES, EMBANKMENTS, ETC., REFER TO THE GEOTECHNICAL ENGINEERING ROADWAY REPORT AND / OR PLANS. ALL ROCK MATERIAL REMOVED BY EXCAVATION / BLASTING OR MATERIAL BROUGHT ON SITE WILL COMPLY WITH ALL KYTC STANDARD SPECIFICATIONS. MANIPULATION OF EXCAVATED / BLASTED MATERIAL TO MEET KYTC STANDARD SPECIFICATIONS, EVEN IF MECHANICAL BREAKING IS REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL BE INCIDENTAL TO ROADWAY EXCAVATION.

STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-4610

COMPACTION OF ASPHALT MIXTURES

THE CONTRACTOR IS ADVISED THAT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR MAINLINE USAGE AT ONE INCH OR GREATER ON THIS PROJECT WILL BE ACCEPTED BY OPTION A ACCORDING TO SUBSECTIONS 402.03.02 AND 403.03.10 OF THE STANDARD SPECIFICATIONS. THE COMPACTION OF ALL OTHER ASPHALT MIXTURES WILL BE ACCEPTED BY OPTION B.

EXISTING UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND UTILITY SERVICE LINES NO DIRECT PAYMENT WILL BE MADE FOR REPAIR OR REPLACEMENT OF SERVICE LINES. IF A UTILITY LINE IS IN CONFLICT WITH CONSTRUCTION AND CANNOT BE AVOIDED THE OWNER SHALL BE CONTACTED IMMEDIATELY.

SPECIAL NOTES

- SPECIAL NOTE FOR HMA ELECTRONIC DELIVERY MANAGEMENT SYSTEM
- SPECIAL NOTE FOR PAVEMENT MOUNTED TEMPERATURE PROFILES
- SPECIAL NOTE FOR NON-TRACKING TACK COAT
- SPECIAL NOTE FOR GUARDRAIL DELIVERY SHEET VERIFICATION
- SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVE
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TREE CLEARING

NO CLEARING OF TREES 5 INCHES OR GREATER (DIAMETER BREAST HEIGHT) FROM JUNE 1 - JULY 31, IF THERE ARE ANY QUESTIONS REGARDING THIS NOTE, PLEASE CONTACT DANNY PEAKE, DIRECTOR, DIVISION OF ENVIRONMENTAL ANALYSIS, 200 MERO STREET, FRANKFORT, KY 40601, PHONE: (502) 564-7250.

BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor is responsible for obtaining all necessary permits and approvals from all utility companies of the KY 811 one-call Before-DIG (BDIG) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.



GENERAL NOTES

CONTROL OF ACCESS

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. NOTE: PER KYTC HIS: PARTIALLY CONTROLLED ACCESS ENDS AT MP 8.084 & REMAINING END OF PROJECT IS BY PERMIT. ACCESS SHALL BE PROVIDED WHERE SPECIFICALLY INDICATED ON THE PLANS.

N.G.S. (U.S.G.S.) BENCH MARKS

DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL ITEMS

UNLESS OTHERWISE DIRECTED, ALL SALVAGEABLE TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED FOR MAINTAINING AND CONTROLLING TRAFFIC DURING CONSTRUCTION.

EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

REMOVING GUARDRAIL

THE EXISTING GUARDRAIL SYSTEM, INCLUDING POST, TERMINAL SECTIONS, AND END TREATMENTS, SHALL BE REMOVED IN A MANNER ACCEPTABLE TO THE ENGINEER WHICH WILL AVOID DAMAGE DURING REMOVAL. WHEN REMOVING GUARDRAIL, NO OPEN ENDS OR GAPS SHALL BE LEFT EXPOSED TO ONGOING TRAFFIC WITHOUT ADEQUATE PROTECTION OR WARNING DEVICES. PAYMENT SHALL BE AT THE UNIT PRICE FOR "REMOVING GUARDRAIL" (CODE NO. 2381).

SALVAGE EXISTING MATERIAL AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER EXISTING SALVAGED GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502)564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00AM AND 3:00PM, MONDAY THROUGH FRIDAY. REMOVE ANY EXISTING GUARDRAIL WITH A LANE CLOSURE IN PLACE. DO NOT LEAVE THE AREA UNPROTECTED. AFTER THE GUARDRAIL IS REMOVED, A SHOULDER CLOSURE SHALL REMAIN IN PLACE UNTIL THE GUARDRAIL IS REPLACED IN THAT AREA OR GRADING IS COMPLETE.

WASTE AREAS

THE PROJECT EARTHWORK BALANCE INDICATES AN EXCESS OF EXCAVATED MATERIAL TO BE WASTED. SINKHOLES AND RAMP INFIELDS USED TO POND WATER SHALL NOT BE USED AS WASTE AREAS.

MATERIAL TRANSFER VEHICLE

A MATERIAL TRANSFER VEHICLE (MTV) SHALL BE REQUIRED FOR ALL ASPHALT PAVING ON MAINLINE DRIVING LANES IN ACCORDANCE WITH SECTION 403.02.10 OF THE STANDARD SPECIFICATIONS AND CURRENT SUPPLEMENTAL SPECIFICATIONS.

NOTICE - CAUTION - CLASSIFICATION

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GEOTECHNICAL

FOR ANY ITEM RELATED TO GEOTECHNICAL RECOMMENDATIONS SUCH AS BUT NOT LIMITED TO TRANSVERSE BENCHING, PERFORATED PIPED, PILE CORES, EMBANKMENTS, ETC., REFER TO THE GEOTECHNICAL ENGINEERING ROADWAY REPORT AND / OR PLANS. ALL ROCK MATERIAL REMOVED BY EXCAVATION / BLASTING OR MATERIAL BROUGHT ON SITE WILL COMPLY WITH ALL KYTC STANDARD SPECIFICATIONS. MANIPULATION OF EXCAVATED / BLASTED MATERIAL TO MEET KYTC STANDARD SPECIFICATIONS, EVEN IF MECHANICAL BREAKING IS REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL BE INCIDENTAL TO ROADWAY EXCAVATION.

STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-4610

COMPACTION OF ASPHALT MIXTURES

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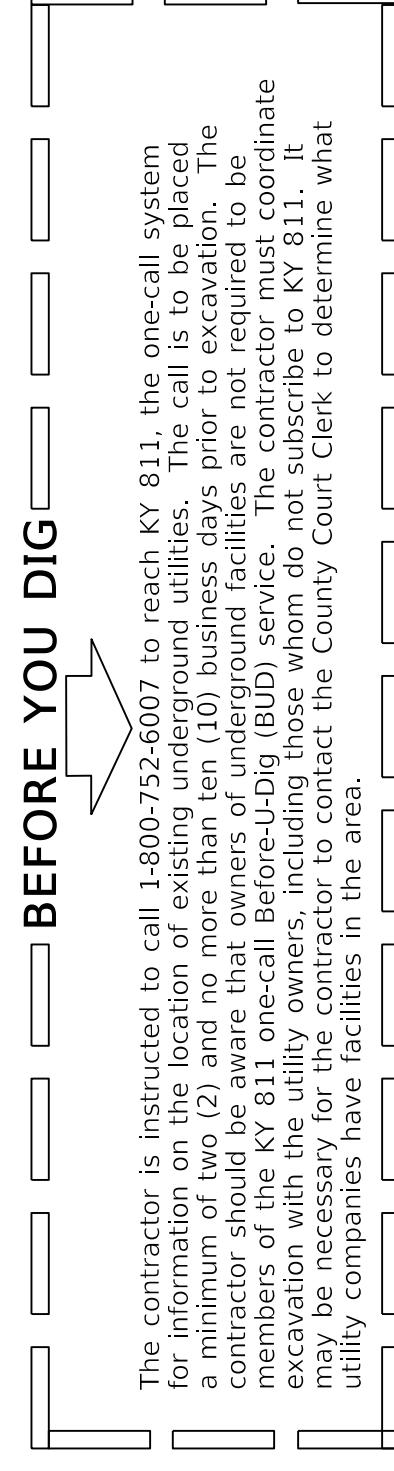
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GENERAL NOTES

PRECAST REINFORCED CONCRETE BOX SECTIONS

CONTRARY TO STANDARD DRAWING NO. RD-100, ASSOCIATE HS 25 LOADING WITH TABLE 1-4, MODIFY THE REQUIRED STEEL TO REFLECT THE GREATER LIVE LOADING. SEE THE APPENDICES IN ASTM C789 AND ASTM C850. THE CALCULATIONS FOR THIS GREATER LIVE LOAD MAY CHANGE THE TABLE NUMBER DEPICTED ON THE DESIGN PLANS.

GRADING OPERATIONS

THE CONTRACTOR SHALL CONDUCT GRADING OPERATIONS IN SUCH A MANNER THAT DURABLE SHALE AND LIMESTONE OBTAINED FROM ROADWAY EXCAVATION BELOW THE BASE OF THE RDZ SHALL BE STOCKPILED SEPARATELY OR OTHERWISE MANIPULATED SO THAT AMPLE QUANTITIES ARE AVAILABLE FOR THOSE AREAS REQUIRING SAID MATERIAL. NO DIRECT PAYMENT WILL BE ALLOWED FOR SUCH NECESSARY MANIPULATION AS STOCKPILING AND/OR DOUBLE HANDLING THE MATERIAL. DURABLE SHALE AND LIMESTONE SHALL NOT BE WASTED UNLESS PRIOR APPROVAL IS OBTAINED FROM THE ENGINEER.

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UNSTABLE AREAS

ANY SATURATED, SOFT AND/OR UNSTABLE AREAS ENCOUNTERED WITHIN EMBANKMENT FOUNDATION LIMITS AND/OR ANY OTHER AREAS AS DIRECTED BY THE ENGINEER SHALL BE DRAINED, SOFT/SATURATED MATERIAL REMOVED AND/OR STABILIZED WITH BROKEN AND DURABLE SHALE OR LIMESTONE EXCAVATED BELOW RDZ.

TEMPORARY DITCHES

AFTER A PERMANENT STAND OF VEGETATION IS IN PLACE AND UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FILL TEMPORARY DITCHES.

ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARDS SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. RIDE QUALITY REQUIREMENTS FOR THIS PROJECT WILL BE CATEGORY "A". NOTE: THIS WILL APPLY FOR ANY SEGMENT OF THE PROJECT WITH A POSTED SPEED LIMIT GREATER THAN 45 MPH AND AN UNBROKEN SEGMENT LENGTH GREATER THAN 0.4 MILE, UNLESS OTHERWISE INDICATED. FOR ALL OTHER SEGMENTS CATEGORY B RIDE QUALITY WILL APPLY.

HAZARDOUS MATERIALS

STRUCTURES IDENTIFIED FOR ACQUISITION SHOULD BE INSPECTED FOR ABOVEGROUND AND UNDERGROUND STORAGE TANKS, CONFIRMED TANKS WILL BE REMOVED PRIOR TO DEMOLITION, AND HANDLED AND DISPOSED OF CONSISTENT WITH EXISTING LOCAL, STATE, AND FEDERAL REGULATIONS. STRUCTURES IDENTIFIED FOR ACQUISITION SHOULD BE INSPECTED FOR ASBESTOS CONTAINING BUILDING MATERIALS (ACBM) BY AN ACCREDITED INSPECTOR. CONFIRMED ACBM WILL BE REMOVED PRIOR TO DEMOLITION, AND HANDLED AND DISPOSED OF CONSISTENT WITH EXISTING LOCAL, STATE, AND FEDERAL REGULATIONS.

ANY WELLS IMPACTED BY CONSTRUCTION ACTIVITIES WOULD BE CLOSED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS. IF EXCAVATION OCCURS WITH 50 FEET OF AN OIL OR GAS WELL, AN INSPECTION WILL BE CONDUCTED TO IDENTIFY ANY CONTAMINATION SOIL. COORDINATION WITH OWNERS WILL OCCUR.

DURING RIGHT-OF-WAY ACQUISITION AND/OR CONSTRUCTION, IF A SITE SUSPECTED OF CONTAINING HAZARDOUS MATERIALS IS DISCOVERED, THEN ACTIVITIES AT THAT SITE WILL CEASE AND FURTHER INVESTIGATIONS MUST BE PERFORMED BEFORE CONSTRUCTION CAN PROCEED.

EXISTING LANDSCAPE MATERIAL

DO NOT DISTURB LANDSCAPE PLANTS UNLESS ABSOLUTELY NECESSARY. DO NOT DISTURB ANY PLANTS WITHOUT PRIOR APPROVAL OF THE PROJECT ENGINEER. THE PROJECT ENGINEER SHALL NOTIFY THE DISTRICT AGRONOMIST FOR POSSIBLE DEPARTMENT SALVAGE OF ANY PLANTS NEEDING REMOVAL.

NOTICE OF INTENT (NOI) TO DIVISION OF AIR QUALITY

THE ROADWAY CONTRACTOR IS REQUIRED TO FILE A NOTICE OF INTENT (NOI) TO THE DIVISION OF AIR QUALITY TEN (10) BUSINESS DAYS (NOT PRIOR) TO THE START OF ANY DEMOLITION OR REHABILITATION WORK. THE BRIDGE SUPERSTRUCTURES (MO680007N, IO6800066R, AND IO6800066L). PLEASE USE THE KY ENVIRONMENTAL AND ENERGY CABINET eFORM PORTAL (HTTP://DEP-GATEWAY181.GOV/FORMS/ACCOUNTY/HOME.ASPX) TO COMPLETE THIS TASK. IT IS ALSO ADVISED THAT COPIES OF THE SUBMITTAL ARE TO BE SENT TO THE REGIONAL OFFICE OF THE KENTUCKY DIVISION OF AIR QUALITY KY DAO REGIONAL OFFICES TO COMPLETE THE NOTIFICATION PROCESS.

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UNDERCUTTING OF SUBGRADE

A QUANTITY HAS BEEN SET UP FOR CLASS 2 FABRIC AND NO 2 AGGREGATE IN THE EVENT SOFT OR DAMAGED SUBGRADE IS ENCOUNTERED AND NEEDS TO BE REPAIRED. IF THE ENGINEER DETERMINES UNDERCUT IS NEEDED, REMOVE THE LIMITS OF UNDERCUT AS DIRECTED TO A DEPTH OF 2 FEET AND REPLACE WITH NO 2 AGGREGATE WRAPPED IN GEOTEXTILE FABRIC CLASS 2. ALL OTHER WORK NECESSARY FOR THE UNDERCUT, SUCH AS EXCAVATION AND REMOVAL, SHALL BE INCIDENTAL TO THE NO 2 AGGREGATE.

PROPERTY OWNER COORDINATION

THE PROPERTY LOCATED AT PARCEL P2 SHALL REQUIRE ADVANCED NOTIFICATION PRIOR TO REMOVAL OF ANY FENCE OR ACCESS TO TEMPORARY EASEMENT. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 2 MONTHS NOTICE PRIOR TO WORK BEGINNING IN THE AREA OF THE BENCHING. ANY CHANGES TO THE SCHEDULE THAT WOULD IMPACT THIS PARCEL SHALL BE COORDINATED WITH KYTC AND THE PROPERTY OWNER NOTIFIED.



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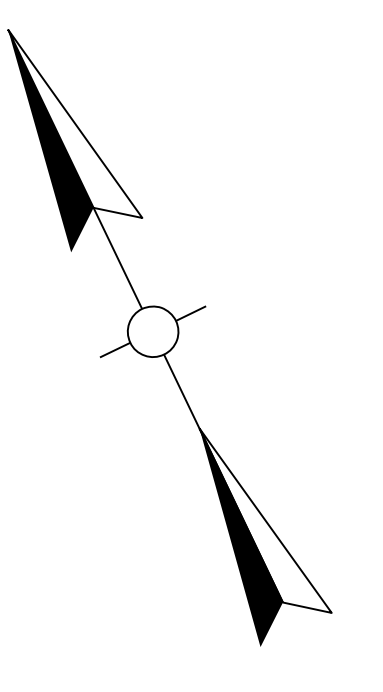
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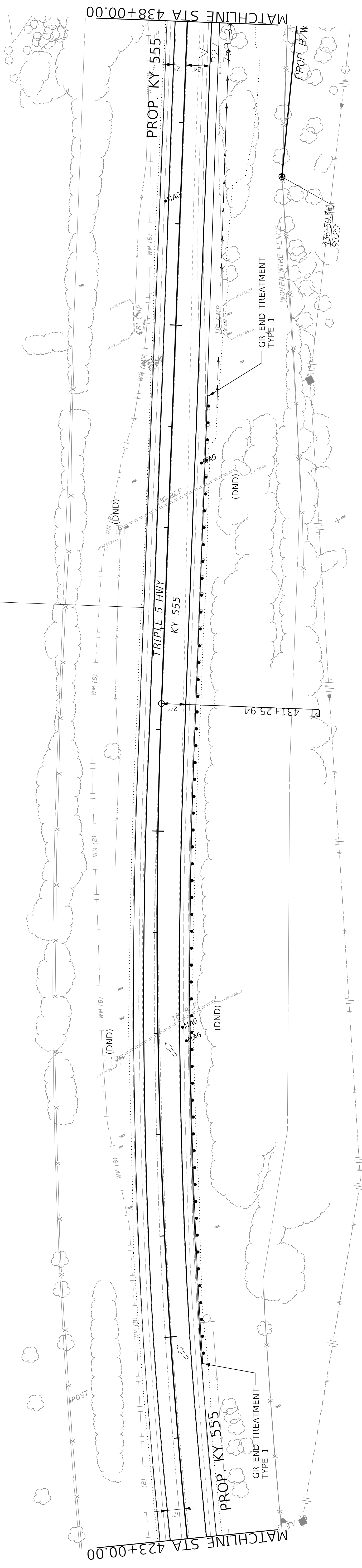


435+00

430+00

425+00

STA. 432+20
END OVERLAY
BEGIN WIDENING



PI STA 419+75.86
 $\Delta = 22^\circ 14' 56''$ RT
 T = 1179.80'
 L = 2329.88'
 R = 6000.00'
 e = 114.89'
 e = 3.2%
 Runoff = Match Existing
 Runout = Match Existing

BENEDICT SIMMS COHEN

STA. 436+50.36 TO STA. 438+00
 REMOVE 150 L.F. EXISTING FENCE

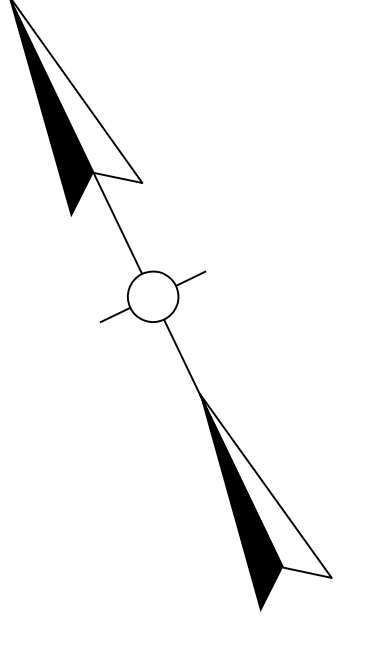
LT	MED	RT	STA. TO STA.	EXISTING PAVED DITCH (REMOVE) INPLACE	NEW PAVED DITCH (REMOVE) INPLACE	CHANNEL LINING
				ISO. YDS	ISO. YDS	TON
X			437+64 TO 437+89	18	12.8	3.6

FINISH GRADE WITH FABRIC-GEOTEXTILE CL. I AND CL. III CHANNEL LINING AS DIRECTED BY THE ENGINEER.

DITCH CONSTRUCT NOTES						
LT	MED	RT	STA. TO STA.	SIZE / SHAPE	LINING	QUANTITY
				TYPICAL DT.	CL. II	CL. I
X			435+00 TO 438+00	1.0	1.25	133 SQ. YDS

TYPE	BEGIN STATION	END STATION	LF	THREE BEAM BRIDGE CONNECTOR	TIE INTO EXISTING? (Y/N)	GUARDRAIL NOTES	
						Remove Guardrail	REMOVE END TREATMENT
W-Beam 7 Post**	RI 424+73.4	RI 434+29.7	862.5	962.5	N	RI 424+73.4 TYPE 1	RI 434+29.74 TYPE 1

NOTES: * INCLUDES THE RADIUS RAIL FACTOR ** 7 FT GUARDRAIL POSTS

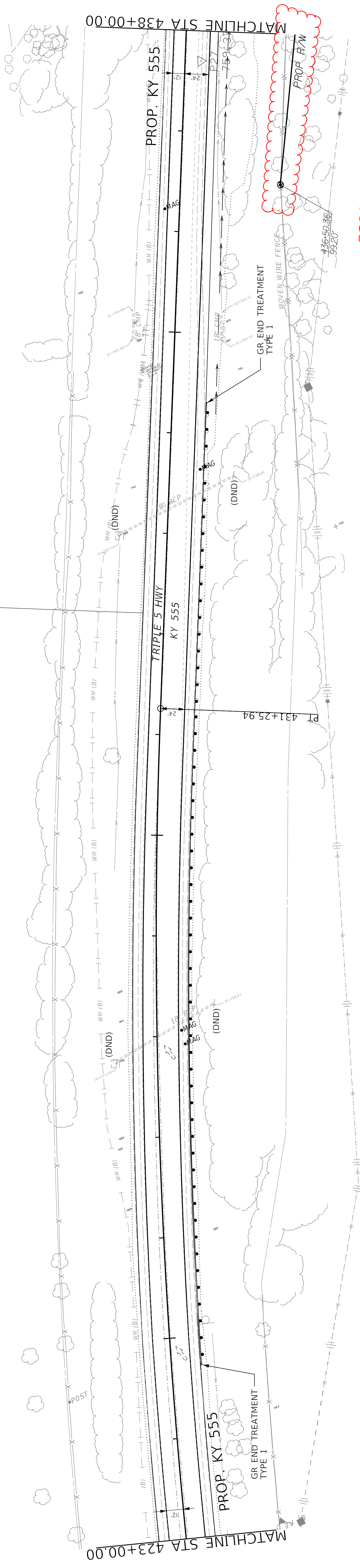


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 Runoff = Match Existing
 Runout = Match Existing

STA. 436+50.36 TO STA. 438+00
 REMOVE 150 L.F. EXISTING FENCE

LT	MED	RT	STA. TO STA.	EXISTING PAVED DITCH (REMOVE) INPLACE	EXISTING CHANNEL	NEW CHANNEL
X	-	-	437+64 TO 437+89	1B	1B	1B
-	-	-	-	-	-	-
				(SQ. YDS)	(SQ. YDS)	(TON)
				12.8	12.8	3.6

UNITS: GRADE WITH FABRIC-GEOTEXTILE CL. I AND CL. III CHANNEL LINING AS DIRECTED BY THE ENGINEER.

DITCH CONSTRUCT NOTES						
LT	MED	RT	STA. TO STA.	SIZE / SHAPE	LINING	QUANTITY
X	-	-	435+00 TO 438+00	CL. II	1.0 L25	133 SQ. YDS

TYPE	BEGIN STATION	END STATION	LF	THREE BEAM BRIDGE CONNECTOR	TIE INTO EXISTING? (Y/N)	END TREATMENT	REMOVE END TREATMENT
W-Beam 7 Post**	RI.424+73.4	RI.434+29.7	862.5	962.5	N	RI.424+73.4 TYPE 1 RI.434+29.74 TYPE 1	

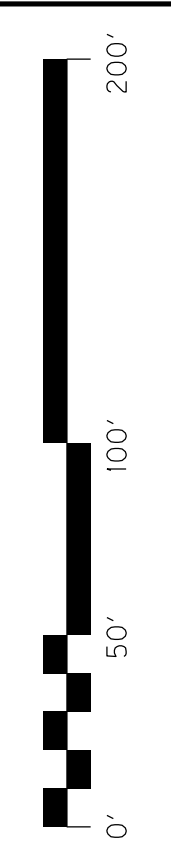
NOTES: * INCLUDES THE RADIUS RAIL FACTOR **7FT GUARDRAIL POSTS



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

DRAWING TITLE: MAINLINE PLAN
 KY 555

HORIZONTAL SCALE: 1"=50'
 SCALE: 1"=50'



STA 423+00 TO STA 438+00

ITEM NO. 4-164.10
 COUNTY OF Washington
 SHEET NO. R060

LT. STA. 441+48.64
 CONST. 24" RES. ENTR. (CSB)
 110 S.Y. CSB. PVMT.

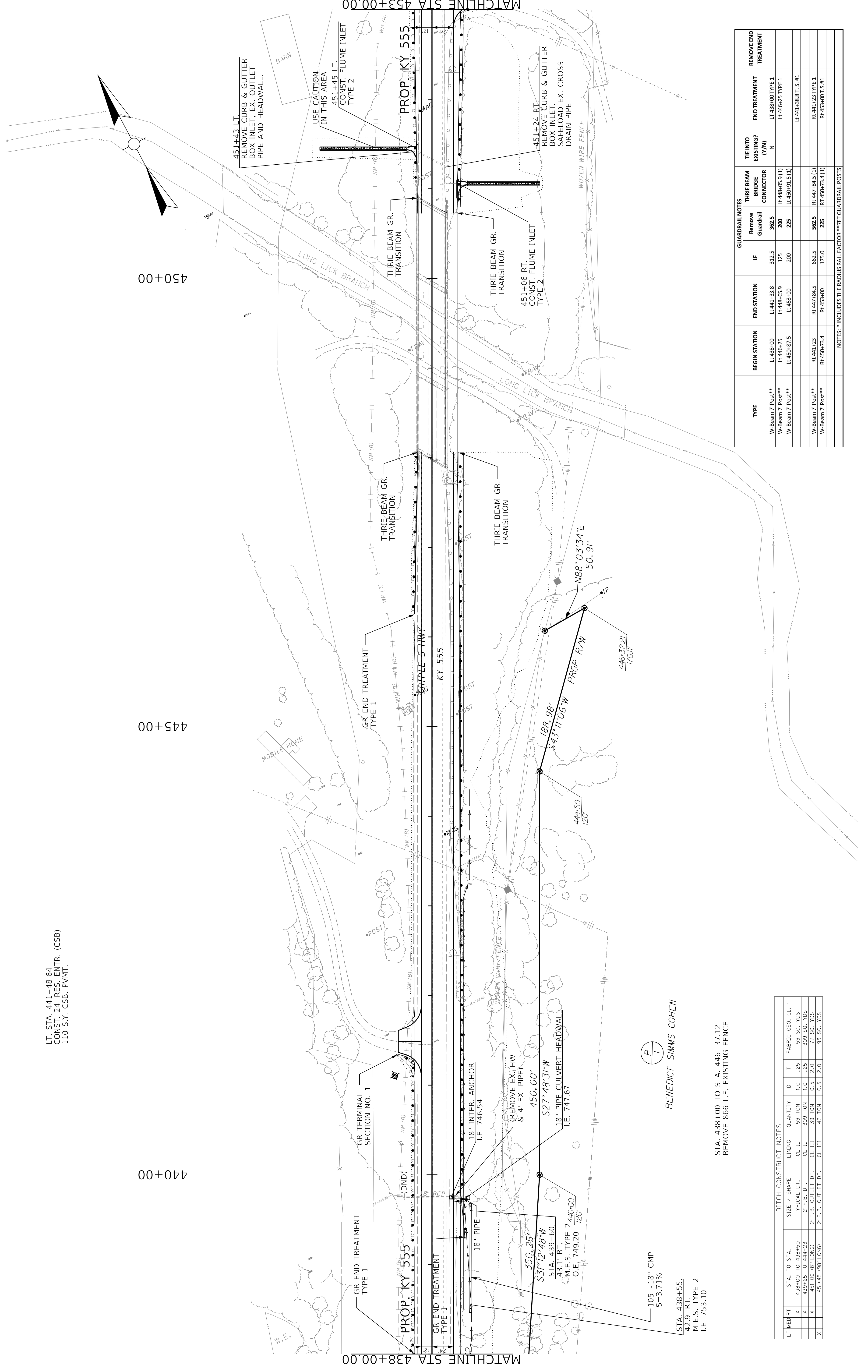
440+00

445+00

450+00

MATCHLINE STA 438+00.00

MATCHLINE STA 453+00.00



BENEDICT SIMMS COHEN

STA. 438+00 TO STA. 446+37.12
 REMOVE 866 L.F. EXISTING FENCE

TYPE	BEGIN STATION	END STATION	L.F.	GUARDRAIL NOTES		THRE INTO EXISTING? (Y/N)	END TREATMENT	REMOVE/END TREATMENT
				Remove Guardrail	THRE BEAM BRIDGE CONNECTOR			
W-Beam 7 Post**	Lt 438+00	Lt 441+33.8	312.5	362.5		N	Lt 438+00 TYPE 1	
W-Beam 7 Post**	Lt 446+25	Lt 448+05.9	125	200			Lt 446+25 TYPE 1	
W-Beam 7 Post**	Lt 450+87.5	Lt 453+00	200	225			Lt 441+38.8 T.S.#1	
W-Beam 7 Post**	Rt 441+23	Rt 447+84.5	662.5	562.5			Rt 441+23 TYPE 1	
W-Beam 7 Post**	Rt 450+73.4	Rt 453+00	175.0	225			Rt 453+00 T.S.#1	

DITCH CONSTRUCT NOTES						
LT/MED/RT	STA. TO STA.	SIZE / SHAPE	QUANTITY	D	T	FABRIC GEO. CL. 1
X	438+00 TO 438+50	TYPICAL DT.	CL II 59 TON	1.0	1.25	59 50. YDS
X	439+65 TO 444+23	2' F.B. DT.	CL II 309 TON	1.0	1.25	309 50. YDS
X	451+06 (88' LONG)	2' F.B. OUTLET DT.	CL III 39 TON	0.5	2.0	77 50. YDS
X	451+45 (98' LONG)	2' F.B. OUTLET DT.	CL III 47 TON	0.5	2.0	93 50. YDS

LT. STA. 441+48.64
 CONST. 24" RES. ENTR. (CSB)
 110 S.Y. CSB. P/MT.

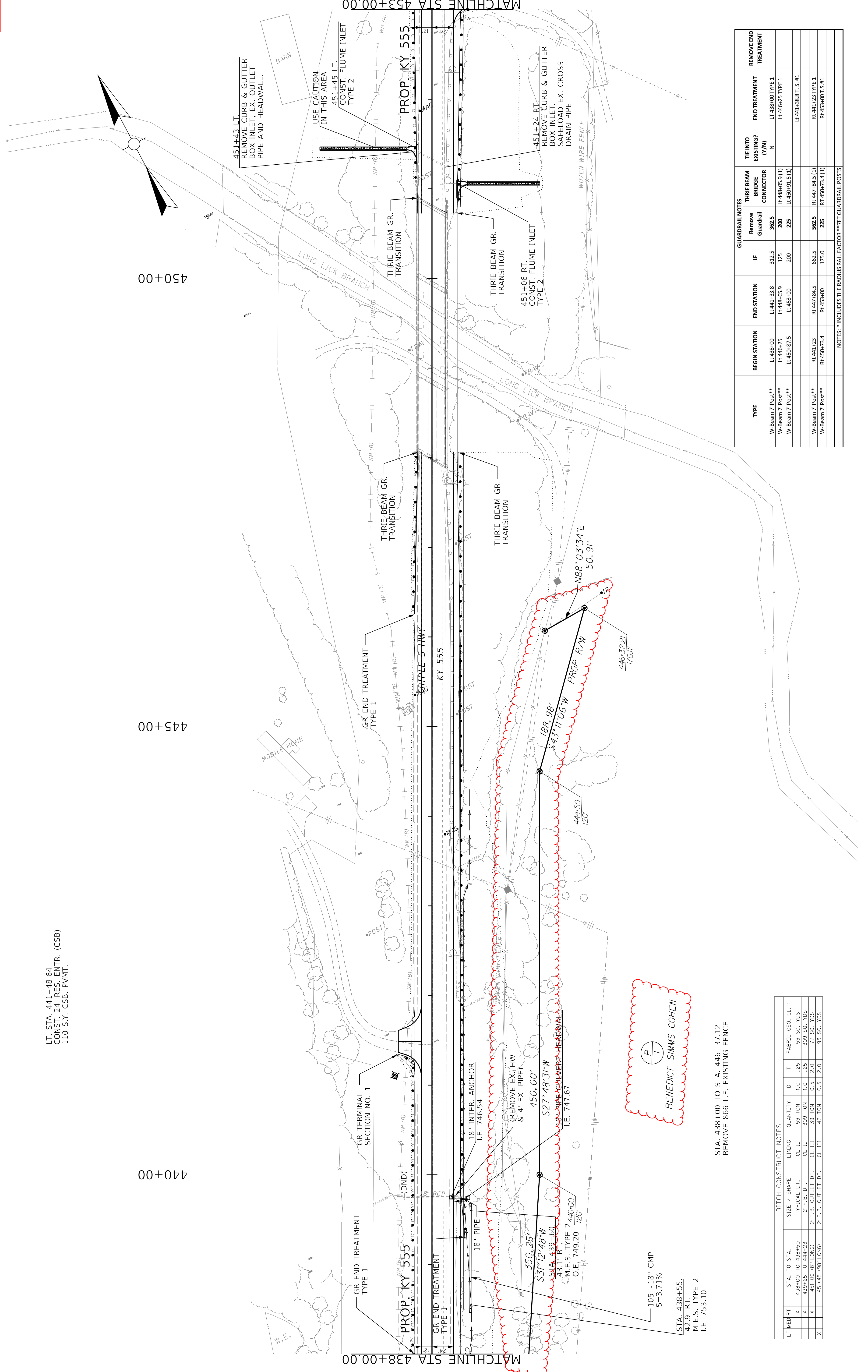
440+00

445+00

450+00

MATCHLINE STA 438+00.00

MATCHLINE STA 453+00.00



BENEDICT SIMMS COHEN

STA. 438+00 TO STA. 446+37.12
 REMOVE 866 L.F. EXISTING FENCE

105'-18" CMP
 S=3.71%
 STA. 438+55.
 42.9' RT
 M.E.S. TYPE 2
 I.E. 753.10

DITCH CONSTRUCT NOTES						
LT/MED/RT	STA. TO STA.	SIZE / SHAPE	QUANTITY	D	T	FABRIC GEO. CL. 1
X	438+00 TO 438+50	TYPICAL DT.	CL II 59 TON	1.0	1.25	59 50. YDS
X	439+65 TO 444+23	2' F.B. DT.	CL II 309 TON	1.0	1.25	309 50. YDS
X	451+06 (88' LONG)	2' F.B. OUTLET DT.	CL III 39 TON	0.5	2.0	77 50. YDS
X	451+45 (98' LONG)	2' F.B. OUTLET DT.	CL III 47 TON	0.5	2.0	93 50. YDS

TYPE	BEGIN STATION	END STATION	LF	GUARDRAIL NOTES		THRE INTO EXISTING? (Y/N)	END TREATMENT	REMOVE/END TREATMENT
				Remove Guardrail	BRIDGE CONNECTOR			
W-Beam 7 Post**	Lt 438+00	Lt 441+33.8	312.5	362.5		N	Lt 438+00 TYPE 1	
W-Beam 7 Post**	Lt 446+25	Lt 448+05.9	125	200			Lt 446+25 TYPE 1	
W-Beam 7 Post**	Lt 450+87.5	Lt 453+00	200	225			Lt 441+38.8 T.S.#1	
W-Beam 7 Post**	Rt 441+23	Rt 447+84.5	662.5	562.5			Rt 441+23 TYPE 1	
W-Beam 7 Post**	Rt 450+73.4	Rt 453+00	175.0	225			Rt 453+00 T.S.#1	

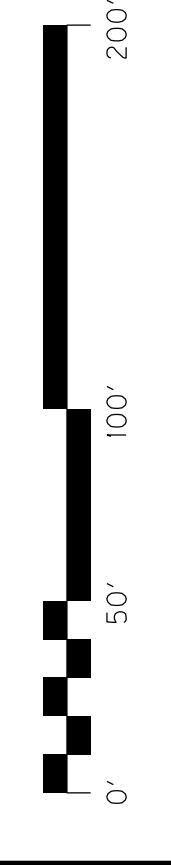
NOTES: * INCLUDES THE RADIUS RAIL FACTOR ** 7 FT GUARDRAIL POSTS



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

DRAWING TITLE: MAINLINE PLAN

HORIZONTAL SCALE: 1"=50'



STA 438+00 TO STA 453+00

ITEM NO. 4-164.10
 COUNTY OF Washington
 SHEET NO. R062

LT. STA. 456+56.80
 CONST. 15' RES. ENTR. (ASPH.)
 74 S.Y. ~ ASPH. PVMT.
 & 15 L.F. EDGE KEY

PI STA. 465+94.93
 Δ = 17°09'51" LT
 T = 301.83'
 L = 599.14'
 R = 2000.00'
 E = 22.65'
 e = 7.0%
 Runoff = Match Existing
 Runout = Match Existing

460+00

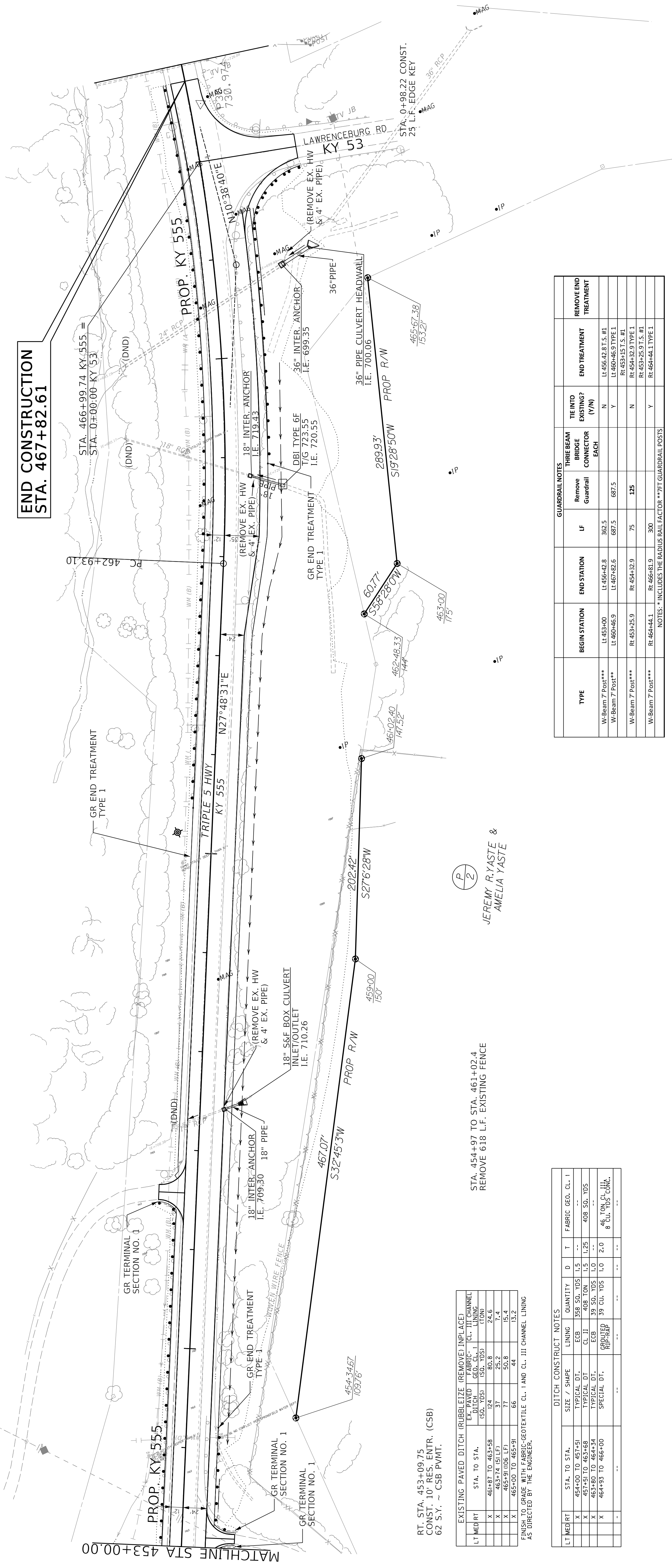
455+00

465+00

STA. 467+87.61 CONST.
 32 L.F. EDGE KEY

END CONSTRUCTION
 STA. 467+82.61

MATCHLINE STA 453+00.00



RT. STA. 453+09.75
 CONST. 10' RES. ENTR. (CSB)
 62 S.Y. ~ CSB PVMT.

STA. 454+97 TO STA. 461+02.4
 REMOVE 618 L.F. EXISTING FENCE

JEREMY R. YASTE &
 AMELIA YASTE

(P/2)

END CONSTRUCTION
 STA. 467+82.61

STA. 467+87.61 CONST.
 32 L.F. EDGE KEY

STA. 0+98.22 CONST.
 25 L.F. EDGE KEY

36" R/R.P.

36" R/R.P.

36" R/R.P.

36" R/R.P.

LT MED RT	STA. TO STA.	EX. PAVED (SQ. YDS)	FABRIC (SQ. YDS)	CL. III CHANNEL LINING (SQ. YDS)
X	461+87 TO 463+58	124	80.8	24.6
X	463+74 (51 LF)	37	25.2	7.4
X	465+91 (106 LF)	77	50.8	15.4
X	465+00 TO 465+91	66	44	13.2

FINISH TO GRADE WITH FABRIC-GEOTEXTILE CL. I AND CL. III CHANNEL LINING AS DIRECTED BY THE ENGINEER.

DITCH CONSTRUCT NOTES				
LT MED RT	STA. TO STA.	SIZE / SHAPE	QUANTITY	D T FABRIC GEO. CL. I
X	464+00 TO 467+51	TYPICAL DT.	358 SQ. YDS	1.5
X	467+51 TO 463+68	TYPICAL DT.	408 TON	1.5
X	463+80 TO 464+34	TYPICAL DT.	39 SQ. YDS	1.0
X	464+93 TO 466+00	SPECIAL DT.	39 CU. YDS	1.0

TYPE	BEGIN STATION	END STATION	LF	THREE BEAM BRIDGE CONNECTOR EACH	TIE INTO EXISTING (Y/N)	END TREATMENT	REMOVE END TREATMENT
W-Beam 7 Post***	Lt 453+00	Lt 456+42.8	362.5		N	Lt 456+42.8 T.S. #1	
W-Beam 7 Post**	Lt 460+46.9	Lt 467+82.6	687.5		Y	Lt 460+46.9 TYPE 1	
W-Beam 7 Post***	Rt 453+25.9	Rt 454+32.9	75		N	Rt 453+15 T.S. #1	
W-Beam 7 Post***	Rt 464+44.1	Rt 466+81.9	300		Y	Rt 453+25.9 T.S. #1	
W-Beam 7 Post***	Rt 464+44.1	Rt 464+44.1	0		Y	Rt 464+44.1 TYPE 1	

NOTES: *INCLUDES THE RADIUS RAIL FACTOR **7FT GUARDRAIL POSTS

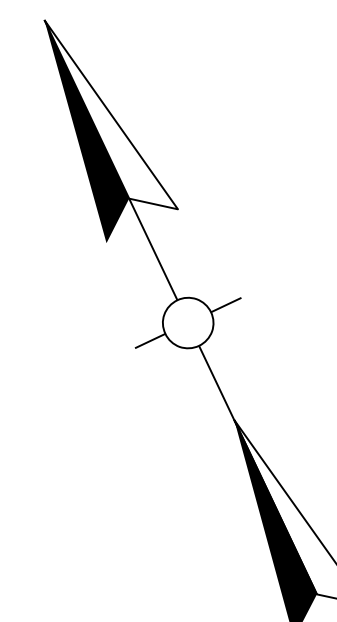
LT. STA. 456+56.80
 CONST. 15' RES. ENTR. (ASPH.)
 74 S.Y. ~ ASPH. PVMT.
 & 15 L.F. EDGE KEY

PI STA. 465+94.93
 Δ = 17°09'51" LT
 T = 301.83'
 L = 599.14'
 R = 2000.00'
 E = 22.65'
 e = 7.0%
 Runoff = Match Existing
 Runout = Match Existing

STA. 467+87.61 CONST.
 32 L.F. EDGE KEY

END CONSTRUCTION
 STA. 467+82.61

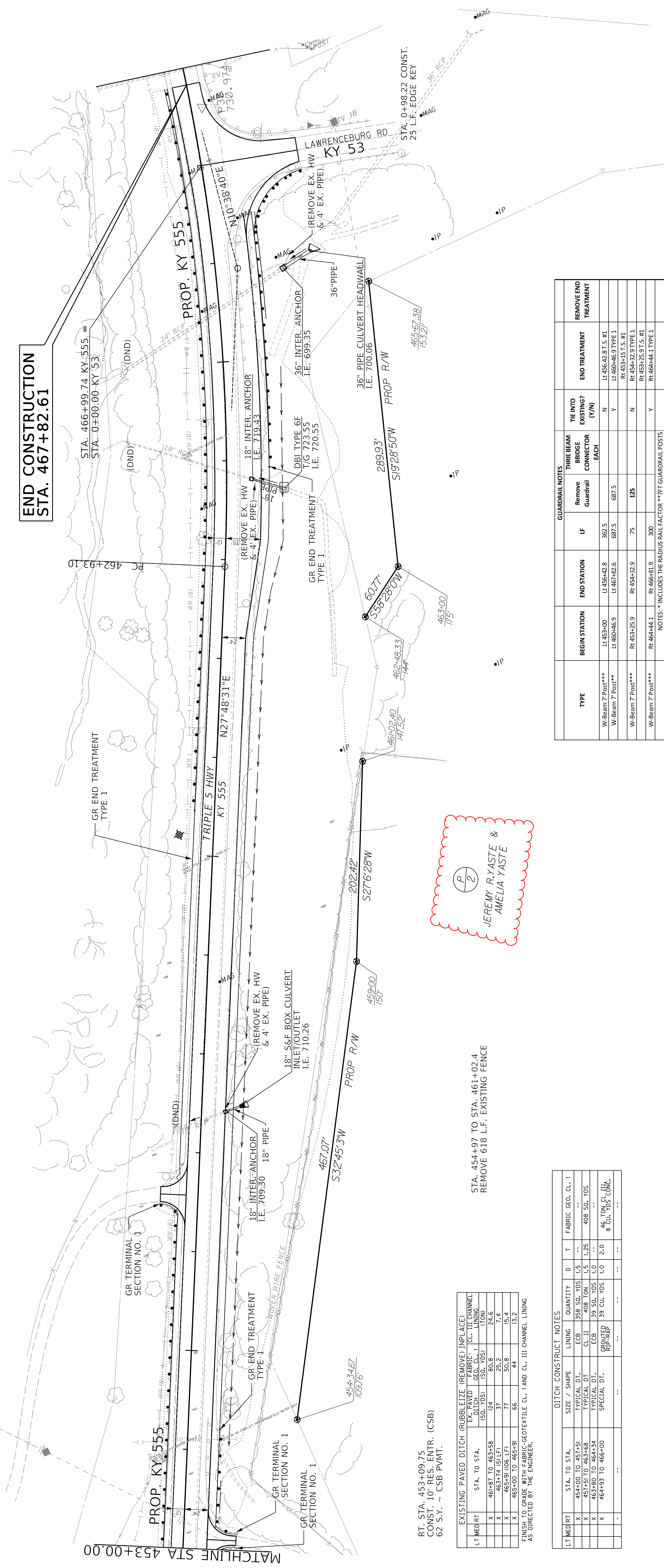
MATCHLINE STA 453+00.00



465+00

460+00

455+00



RT. STA. 453+09.75
 CONST. 10' RES. ENTR. (CSB)
 62 S.Y. ~ CSB PVMT.

EXISTING PAVED DITCH (RUBBLEIZE (REMOVED INPLACE))

LT MED RT	STA. TO STA.	EX. PAVED (SQ. YDS)	FABRIC (SQ. YDS)	CL. III CHANNEL LINING (SQ. YDS)
X	461+87 TO 463+58	124	80.8	24.6
X	463+74 (51 LF)	37	25.2	7.4
X	465+91 (106 LF)	77	50.8	15.4
X	465+00 TO 465+91	66	44	13.2

FINISH TO GRADE WITH FABRIC-GEOTEXTILE CL. I AND CL. III CHANNEL LINING AS DIRECTED BY THE ENGINEER.

STA. 454+97 TO STA. 461+02.4
 REMOVE 618 L.F. EXISTING FENCE

P
 2
 JEREMY R. YASTE &
 AMELIA YASTE

DITCH CONSTRUCT NOTES

LT MED RT	STA. TO STA.	SIZE / SHAPE	QUANTITY	D	T	FABRIC GEO. CL. I
X	454+00 TO 457+51	TYPICAL DT.	358 SQ. YDS	1.5	--	--
X	457+51 TO 463+68	TYPICAL DT.	408 TON	1.5	1.25	408 SQ. YDS
X	463+80 TO 464+34	TYPICAL DT.	39 SQ. YDS	1.0	--	--
X	464+93 TO 466+00	SPECIAL DT.	39 CU. YDS	1.0	2.0	46 TON CL. III & 8 CU. YDS CONC.

TYPE	BEGIN STATION	END STATION	LF	THREE BEAM BRIDGE CONNECTOR EACH	TIE INTO EXISTING (Y/N)	END TREATMENT	REMOVE END TREATMENT
W-Beam 7 Post***	Lt 453+00	Lt 456+42.8	362.5		N	Lt 456+42.8 T.S. #1	
W-Beam 7 Post**	Lt 460+46.9	Lt 467+82.6	687.5		Y	Lt 460+46.9 TYPE 1	
W-Beam 7 Post***	Rt 453+25.9	Rt 454+32.9	75	125	N	Rt 453+15 T.S. #1	
W-Beam 7 Post***	Rt 464+44.1	Rt 466+81.9	300		Y	Rt 459+25.9 T.S. #1	
						Rt 464+44.1 TYPE 1	

NOTES: * INCLUDES THE RADIUS RAIL FACTOR ** 7 FT GUARDRAIL POSTS

PARCEL SHEET NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJEC	BUILDINGS ACQUIRED NUMBER	SOURCE OF TITLE	REMARKS*		
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT	TEMPORARY	LEFT	RIGHT	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.						YES	NO
1	Benedict Simms Cohen	288.28	12,557,477	0.651	28,365	0	0	0	0	287.63	12,529,163	0	0	287.63	12,529,163	1	X		DB 368 PG 501			
2	Jeremy R. Yaste and Amelia Yaste	87.40	3,807,144	0.746	32,492	0	0	0	0	86.65	3,774,652	0	0	86.65	3,774,652	1	X		DB 329 PG 61			

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.

- 1 AREA FROM DEED
- 2 LINES TRACED FROM DEEDS

TYPE SEWER SYSTEM

- 1 PRIVATE - INDIVIDUAL
- 2 PRIVATE - MULTIPARTY
- 3 PUBLIC
- 4 NONE
- 5 NOT APPLICABLE

BUILDINGS ACQUIRED CODE

- C COMMERCIAL
- R RESIDENTIAL
- F FARM
- S STORAGE

* INCLUDES HAZARDOUS WASTE UNDERGROUND STORAGE TANKS)

PARCEL SHEET NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED		EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJEC	BUILDINGS ACQUIRED NUMBER	SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT	TEMPORARY	LEFT	RIGHT	ACRES	SQ. FT.	ACRES	SQ. FT.					
1	Benedict Simms Cohen	288.28	12,557,477	0.651	28,365	0	0	0	287.63	12,529,163	0	0	287.63	12,529,163	X		DB 368 PG 501	
2	Jeremy R. Yaste and Amelia Yaste	87.40	3,807,144	0.746	32,792	0	0	0	86.65	3,774,652	0	0	86.65	3,774,652	X		DB 329 PG 61	

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.

TYPE SEWER SYSTEM
 1 PRIVATE - INDIVIDUAL
 2 PRIVATE - MULTIPARTY
 3 PUBLIC
 4 NONE
 5 NOT APPLICABLE

BUILDINGS ACQUIRED CODE
 C COMMERCIAL - UNDERGROUND STORAGE TANKS
 R RESIDENTIAL
 F FARM
 S STORAGE

* INCLUDES HAZARDOUS WASTE



PI STA. 465+94.93
 $\Delta = 17^{\circ}09'51''$ LT
 T = 301.83'
 L = 599.14'
 R = 2000.00'
 E = 22.65%
 e = $\frac{\quad}{\quad}$
 Runoff = $\frac{\quad}{\quad}$
 Runout = $\frac{\quad}{\quad}$



PC 462+93.10

N27°48'31"E

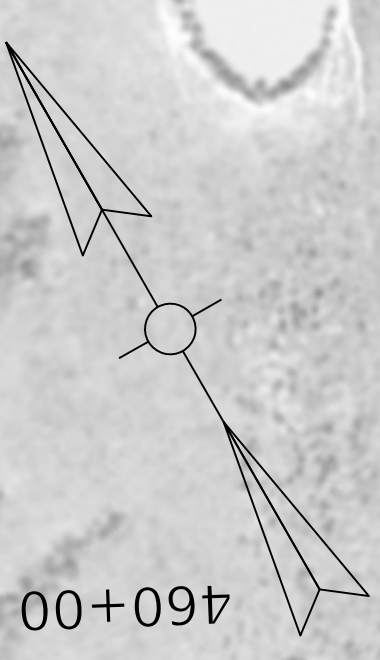
KY 555

	DRAWING TITLE: KY 555 RIGHT OF WAY STRIP MAP		HORIZONTAL SCALE SCALE: 1" = 100'	ITEM NO. 04-164.10	COUNTY OF WASHINGTON
				STA 436+50.36 TO 465+67.38	SHEET NO. R067
FILE NAME: N:\23108 - STATEWIDE ROADWAY DESIGN\LA 4 - KY 555 RECONSTRUCTION\MILESTONES & SUBMITTAL\CONTRACT PLANS AND PROPOSAL\LEI ELECTRONIC ENGINEERING DATA\SHEETS\04_00164_10_KY555 RW STRIP MAP.DGN					
USER: dcarrollj					

REVISED 03-05-2024

PI STA. 465+94.93
Δ = 17°09'51" LT
T = 301.83'
L = 599.14'
R = 2000.00'
E = 22.65'
e = %
Runoff =
Runout =

465+00



460+00

455+00

450+00

445+00

440+00

435+00

PC 462+93.10

N27°48'31"E

KY 555

EX. R/W

PROP. R/W



BENEDICT SIMMS COHEN

**BEGIN R/W
STA. 436+50.36**

EX. R/W

PROP. R/W



JEREMY R. YASTE
AMELIA YASTE

JASON M. CORNISH

PROP. R/W

EX. R/W

**END R/W
STA. 465+67.38**

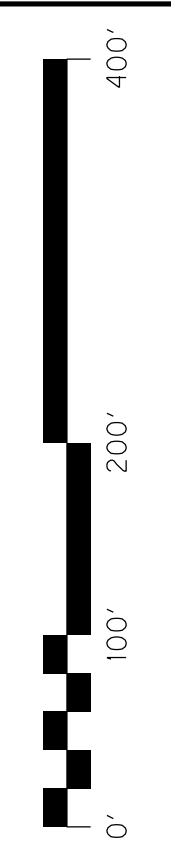


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: KY 555 RIGHT OF WAY STRIP MAP

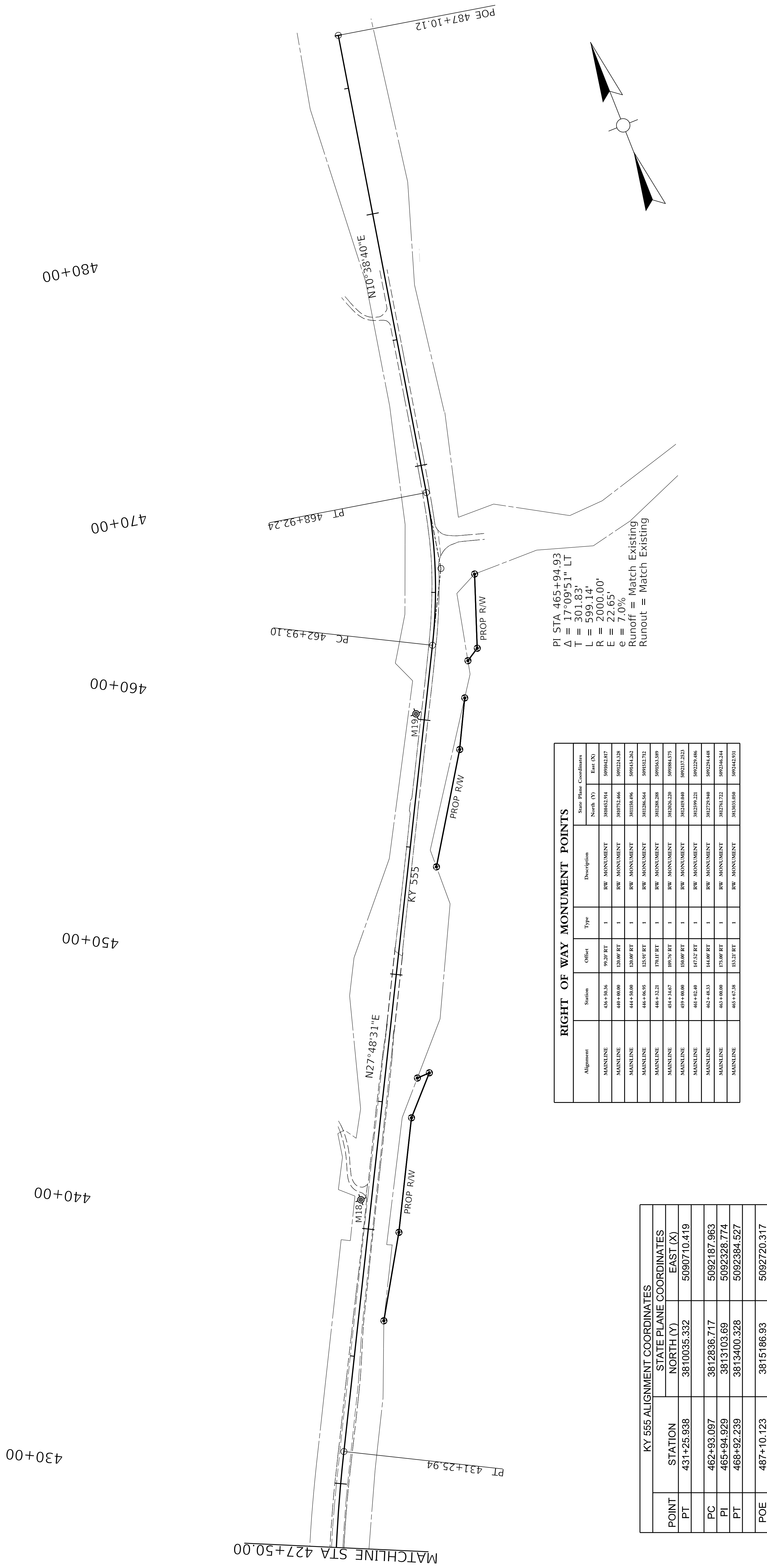
HORIZONTAL SCALE
SCALE: 1" = 100'



STA 436+50.36 TO 465+67.38

ITEM NO. 04-164.10 COUNTY OF WASHINGTON
SHEET NO. R067

Point	North (Y)	East (X)	Elev. (Z)	Baseline	Station	Offset
M-18	3810925.551	5091133.09	744.031	KY 555	441+10.53	-41.4475
M-19	3812611.422	5092029.904	717.192	KY 555	460+20.08	-34.6926



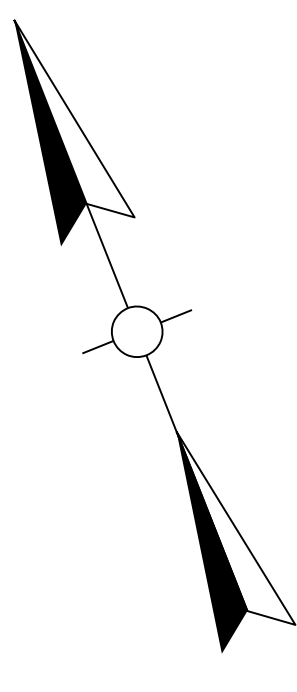
RIGHT OF WAY MONUMENT POINTS

Alignment	Station	Offset	Type	Description	State Plane Coordinates	
					North (Y)	East (X)
MAINLINE	436+39.36	99.20' RT	1	RW MONUMENT	380842.914	5091042.817
MAINLINE	440+00.00	120.00' RT	1	RW MONUMENT	380752.466	509224.228
MAINLINE	444+50.00	120.00' RT	1	RW MONUMENT	381028.096	509163.492
MAINLINE	446+06.95	125.91' RT	1	RW MONUMENT	381286.564	509182.712
MAINLINE	446+32.21	130.11' RT	1	RW MONUMENT	381286.289	509163.209
MAINLINE	454+34.67	109.76' RT	1	RW MONUMENT	381206.230	509184.375
MAINLINE	459+00.00	150.00' RT	1	RW MONUMENT	381249.040	509217.253
MAINLINE	464+02.00	147.52' RT	1	RW MONUMENT	381299.221	509229.886
MAINLINE	462+48.33	144.00' RT	1	RW MONUMENT	381279.940	509239.448
MAINLINE	463+00.00	175.00' RT	1	RW MONUMENT	381270.722	509236.244
MAINLINE	465+07.28	153.21' RT	1	RW MONUMENT	381045.000	509242.931

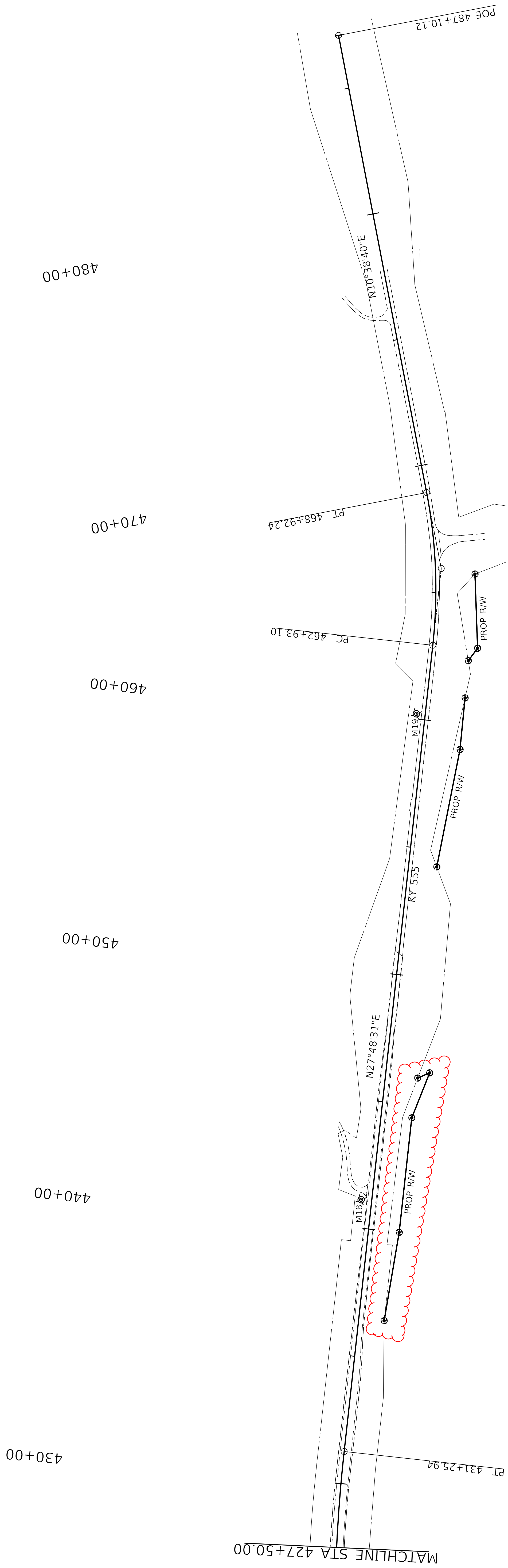
KY 555 ALIGNMENT COORDINATES

POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
PT	431+25.938	3810035.332	5090710.419
PC	462+93.097	3812836.717	5092187.963
PI	465+94.929	3813103.69	5092328.774
PT	468+92.239	3813400.328	5092384.527
POE	487+10.123	3815186.93	5092720.317

PI STA 465+94.93
 $\Delta = 17^{\circ}09'51''$ LT
 $T = 301.83'$
 $L = 599.14'$
 $R = 2000.00'$
 $e = 22.65'$
 $e = 7.0\%$
 Runoff = Match Existing
 Runout = Match Existing



Point	North (Y)	East (X)	Elev. (Z)	Baseline	Station	Offset
M-18	3810925.551	5091133.09	744.031	KY 555	441+10.53	-41.4475
M-19	3812611.422	5092029.904	717.192	KY 555	460+20.08	-34.6926



PI STA 465+94.93
 $\Delta = 17^{\circ}09'51''$ LT
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 Runoff = Match Existing
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Alignment	Station	Offset	Type	Description	State Plane Coordinates	
					North (Y)	East (X)
MAINLINE	436+39.36	99.20' RT	1	RW MONUMENT	380842.914	5091042.817
MAINLINE	440+00.00	120.00' RT	1	RW MONUMENT	380752.466	509124.228
MAINLINE	444+50.00	120.00' RT	1	RW MONUMENT	381028.096	509163.492
MAINLINE	446+06.95	125.91' RT	1	RW MONUMENT	381286.564	509182.712
MAINLINE	446+32.21	130.11' RT	1	RW MONUMENT	381286.289	509163.209
MAINLINE	454+34.67	109.76' RT	1	RW MONUMENT	381206.230	509184.375
MAINLINE	459+00.00	150.00' RT	1	RW MONUMENT	381249.040	509217.253
MAINLINE	464+02.00	147.52' RT	1	RW MONUMENT	381259.221	509229.086
MAINLINE	462+48.33	144.00' RT	1	RW MONUMENT	381279.940	509239.448
MAINLINE	463+00.00	175.00' RT	1	RW MONUMENT	381270.722	509246.344
MAINLINE	465+07.28	153.21' RT	1	RW MONUMENT	381045.000	509242.931

POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
PT	431+25.938	3810035.332	5090710.419
PC	462+93.097	3812836.717	5092187.963
PI	465+94.929	3813103.69	5092328.774
PT	468+92.239	3813400.328	5092384.527
POE	487+10.123	3815186.93	5092720.317

TRAFFIC CONTROL NOTES

1) EXCEPT AS PROVIDED HEREIN, "MAINTAIN AND CONTROL TRAFFIC" SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, CURRENT EDITION AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC." ALL SHIFTS IN TRAFFIC PATTERNS THROUGHOUT THE DURATION OF THE PROJECT SHALL BE IN COMPLIANCE WITH THE APPROPRIATE STANDARD DRAWINGS. CONES WILL NOT BE PERMITTED FOR LANE AND OR SHOULDER CLOSURES UNLESS APPROVED BY THE ENGINEER.

2) A TRAFFIC CONTROL COORDINATOR SHALL BE REQUIRED ON THIS PROJECT. THE DESIGNATED TRAFFIC COORDINATOR MUST MEET THE REQUIREMENTS OF SECTION 112.03.12 OF THE STANDARD SPECIFICATIONS. THE TRAFFIC COORDINATOR WILL CONDUCT DAILY INSPECTIONS OF THE PROJECT MAINTENANCE OF TRAFFIC SCHEME AND REPORT AND CORRECT ANY DEFICIENCIES. THE TRAFFIC CONTROL COORDINATOR WILL REPORT ALL INCIDENTS THROUGHOUT THE WORK ZONE TO THE ENGINEER. THE CONTRACTOR WILL PROVIDE CONTACT INFORMATION WHERE THE TRAFFIC COORDINATOR MAY BE CONTACTED AT ALL TIMES. THIS PROJECT IS UNCLASSIFIED AS A "SIGNIFICANT PROJECT".

3) THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE THE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, TEMPORARY PAVEMENTS, OR DETOURS. ALL SIGNING BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.

4) IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION PHASES OUTLINED IN THESE PLANS AND THIS PROPOSAL, THEY SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN MAY BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION.

5) THE CONTRACTOR SHALL MAINTAIN A TWO-WAY, TWO LANE TRAVELED WAY (OR AS SHOWN ON PLANS) WITH A MINIMUM LANE WIDTH OF 10 FEET (11' DESIRABLE) ON ALL ROADWAYS UNLESS SPECIFIED OTHERWISE.

6) THE CONTRACTOR VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST THE FLOW OF TRAFFIC. VEHICLES SHALL ENTER AND LEAVE WORK AREAS AT LOCATIONS DESIGNATED BY THE ENGINEER. FLAGPERSONS WILL BE REQUIRED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES CROSS THE EXISTING FLOW OF TRAFFIC.

7) ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.

8) THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT, OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.

9) TRAFFIC PHASE CHANGES

THE EXISTING PAVEMENT MARKERS AND MARKINGS SHALL BE REMOVED PRIOR TO SHOWING A CONFLICTING MARKING SCHEME. NO DIRECT PAYMENT WILL BE ALLOWED FOR THIS AND WILL BE CONSIDERED INCIDENTAL TO THE ITEM "MAINTAIN AND CONTROL TRAFFIC".

10) LANE CLOSURES

LANE CLOSURES MUST BE APPROVED BY THE ENGINEER 24 HOURS IN ADVANCE UNLESS UNFORESEEABLE SITUATIONS OCCUR BEYOND THE CONTRACTORS CONTROL. CONTRARY TO SECTION 112, LANE CLOSURES WILL NOT BE CONSIDERED FOR PAYMENT REGARDLESS OF THE DURATION OF CLOSURE, BUT ARE CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." LUMP SUM. SIGNS AND ARROW PANELS SHALL BE PAID PER 50 FT AND EACH, EXCEPT FOR LANE CLOSURES INSTALLED FOR THE CONTRACTORS CONVENIENCE.

11) ROAD CLOSURES

LIMIT THE DURATION OF ROAD CLOSURES TO THE MINIMUM REQUIRED TO ACCOMPLISH THE COMPLETION OF THE PHASE REQUIRING CLOSURE. CONTINUOUSLY PURSUE WORK UNTIL COMPLETE TO MINIMIZE DURATION OF CLOSURES.

12) LOCAL ACCESS

ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER 48-HOUR NOTICE. THE CONTRACTOR MUST PROVIDE PASSAGE THROUGH THE PROJECT AT VARIOUS LOCATIONS FOR PROPERTY ACCESS. COORDINATE TIMES THAT PASSAGE IS REQUIRED WITH THE PROPERTY OWNERS. MAINTAIN A GRADED PATH THROUGHOUT THE SEGMENTS REQUIRED TO PROVIDE ACCESS TO THESE PARCELS, CAPABLE OF BEING TRAVERSED BY A PASSENGER VEHICLE AT ALL TIMES. PLACE A MINIMUM 2 INCHES STONE ON THESE DESIGNATED TRAVEL WAYS AT THE END OF EACH DAY'S PRODUCTION SHIFT. ACCESS TO PARCELS NOT INHABITED WAY BE CLOSED FOR SHORT PERIODS OF TIME IF COORDINATED WITH, AND AGREED BY THE OWNER.

13) SCHOOL BUSES AND EMERGENCY VEHICLES

IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND AN EMERGENCY VEHICLE ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

14) SIGNS

CONTRARY TO SECTION 112.04.02 AND 112.04.03, LOW SHOULDER SIGNS WILL NOT BE MEASURED FOR PAYMENT BUT WILL BE INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC CONTRARY TO SECTION 112.04.02 ONLY LONG TERM SIGNS (SIGNS INTENDED TO BE CONTINUOUSLY IN PLACE FOR MORE THAN 3 DAYS OR LESS) WILL BE MEASURED FOR PAYMENT; SHORT TERM SIGNS (SIGNS INTENDED TO BE LEFT IN PLACE FOR MORE 3 DAYS OR LESS) WILL NOT BE MEASURED FOR PAYMENT AND CONTROL AND WILL BE CONSIDERED INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC. INDIVIDUAL SIGNS WILL BE MEASURED ONLY ONCE FOR PAYMENT, REGARDLESS OF HOW MANY TIMES THEY ARE SET, RESET, REMOVED AND RELOCATED DURING THE DURATION OF THE PROJECT. REPLACEMENTS FOR DAMAGED SIGNS DIRECTED BY THE ENGINEER TO BE REPLACED DUE TO POOR CONDITION OR REFLECTIVITY WILL NOT BE MEASURED FOR PAYMENT. EXISTING SIGNS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC.

15) WEIGHT LIMIT DESIGNATIONS

THE CONTRACTOR SHALL OBSERVE ALL WEIGHT LIMITS DESIGNATIONS WHILE HAULING MATERIAL AND EQUIPMENT ON EXISTING PAVEMENT. ANY DAMAGE TO EXISTING PAVEMENT CAUSED BY THE CONTACTORS EQUIPMENT SHALL BE REPAIRED IMMEDIATELY, AT NO COST TO THE DEPARTMENT.

16) DURING CONSTRUCTION, IF THE CONTRACTOR MOVES EQUIPMENT, MATERIAL, ETC. BACK AND FORTH ACROSS PUBLIC ROADWAYS THAT REMAIN OPEN, SPECIAL PROVISIONS MAY BE REQUIRED BY THE ENGINEER. THIS MAY INCLUDE BUT IS NOT LIMITED TO, PAVING OF EXISTING PAVEMENTS, FLAGGERS, SPECIAL SIGNING, OR LIGHTING TO EMPHASIZE THE CONSTRUCTION EQUIPMENT CROSSING THE ROADWAY, ALL OF WHICH SHALL BE INCIDENTAL TO LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC".

17) ONCE CONSTRUCTION OF EACH ROUNDABOUT BEGINS, THE CONTRACTOR WILL HAVE 60 DAYS TO COMPLETE THE WORK ASSOCIATED WITH THE ROUNDABOUT AND GET TRAFFIC OPENED TO FINAL TRAFFIC PATTERN.

18) FLASHING ARROWS

LONG-TERM-ARROW PANELS WILL BE PAID FOR PER SECTION 112.04.04 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION.

19) PORTABLE CHANGEABLE MESSAGE SIGNS

CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE MADE PER SECTION 112.04.06 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION, RELOCATE MESSAGE BOARDS AND REVISE MESSAGES AS NEEDED. USE MESSAGE BOARDS TO ASSIST IN TRAFFIC PHASE SHIFT ADVANCE WARNINGS.

20) PAVEMENT CONSTRUCTION

HAULING FROM EARTHWORK MUST BE COMPLETED IN AREAS PRIOR TO CONSTRUCTION OF ASPHALT PAVEMENT.

21) PAVEMENT EDGE DROP-OFF

PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

LESS THAN 2 INCHES NO PROTECTION REQUIRED. UNEVEN LANES SIGNS W8-II SHOULD BE PLACED IN ADVANTAGE AND THROUGHOUT THE DROP-OFF AREA.

2 INCHES TO 4 INCHES -PLACE PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES EVERY 100 FEET. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS ONLY.

GREATER THAN 4 INCHES- CONCRETE BARRIER WALLS OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS A 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFF DRUM, PANELS OR BARRICADES MAY BE USED . JF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS. FOR TEMPORARY CONDITIONS, DROP-OFF GREATER THAN 4 INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANEL, OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA. PAYMENT WILL BE ALLOWED FOR THE CSB MATERIAL USED FOR WEDGING.

22) SPEED LIMIT

THE SPEED LIMIT WILL BE REDUCED BY 10 MPH IN THE WORK ZONE.

23) WATERLINE UTILITY WORK

WATERLINE UTILITY WORK WILL OCCUR ON THE WEST SIDE OF KY 555 AT KY 528 ROUNDABOUT. IT MAY BE REQUIRED FOR THE CONTRACTOR TO TEMPORARILY CLOSE THE WEST APPROACH AT THIS INTERSECTION FOR ONE WEEKEND. THE CONTRACTOR SHALL COORDINATE WITH KYTC AND SPRINGFIELD WATER PRIOR TO PHASE 1 OF THE KY 528 ROUNDABOUT. THIS CLOSURE AND COORDINATION WILL BE INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC".

24) ALL WORK BETWEEN 3+65.47 AND 126+80 SHALL BE COMPLETED THROUGH THE FINAL SURFACE BY SEPTEMBER 15, 2025. NO WORK WITHIN THESE LIMITS SHALL OCCUR PAST THIS DATE UNLESS GRANTED PERMISSION BY THE ENGINEER.

25) NO WORK SHALL OCCUR BETWEEN 6:00 AM AND 8:30 AM BETWEEN STATIONS 3+65.47 AND 126+80 UNLESS GRANTED PERMISSION BY THE ENGINEER.



TRAFFIC CONTROL NOTES

REVISED 03-05-2024

1) EXCEPT AS PROVIDED HEREIN, "MAINTAIN AND CONTROL TRAFFIC" SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, CURRENT EDITION AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC." ALL SHIFTS IN TRAFFIC PATTERNS THROUGHOUT THE DURATION OF THE PROJECT SHALL BE IN COMPLIANCE WITH THE APPROPRIATE STANDARD DRAWINGS. CONES WILL NOT BE PERMITTED FOR LANE AND OR SHOULDER CLOSURES UNLESS APPROVED BY THE ENGINEER.

2) A TRAFFIC CONTROL COORDINATOR SHALL BE REQUIRED ON THIS PROJECT. THE DESIGNATED TRAFFIC COORDINATOR MUST MEET THE REQUIREMENTS OF SECTION 112.03.12 OF THE STANDARD SPECIFICATIONS. THE TRAFFIC COORDINATOR WILL CONDUCT DAILY INSPECTIONS OF THE PROJECT MAINTENANCE OF TRAFFIC SCHEME AND REPORT AND CORRECT ANY DEFICIENCIES. THE TRAFFIC CONTROL COORDINATOR WILL REPORT ALL INCIDENTS THROUGHOUT THE WORK ZONE TO THE ENGINEER. THE CONTRACTOR WILL PROVIDE CONTACT INFORMATION WHERE THE TRAFFIC COORDINATOR MAY BE CONTACTED AT ALL TIMES. THIS PROJECT IS UNCLASSIFIED AS A "SIGNIFICANT PROJECT".

3) THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE THE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, TEMPORARY PAVEMENTS, OR DETOURS. ALL SIGNING BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.

4) IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION PHASES OUTLINED IN THESE PLANS AND THIS PROPOSAL, THEY SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN MAY BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION.

5) THE CONTRACTOR SHALL MAINTAIN A TWO-WAY, TWO LANE TRAVELED WAY (OR AS SHOWN ON PLANS) WITH A MINIMUM LANE WIDTH OF 10 FEET (11' DESIRABLE) ON ALL ROADWAYS UNLESS SPECIFIED OTHERWISE.

6) THE CONTRACTOR VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST THE FLOW OF TRAFFIC. VEHICLES SHALL ENTER AND LEAVE WORK AREAS AT LOCATIONS DESIGNATED BY THE ENGINEER. FLAGPERSONS WILL BE REQUIRED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES CROSS THE EXISTING FLOW OF TRAFFIC.

7) ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.

8) THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT, OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.

9) TRAFFIC PHASE CHANGES

THE EXISTING PAVEMENT MARKERS AND MARKINGS SHALL BE REMOVED PRIOR TO SHOWING A CONFLICTING MARKING SCHEME. NO DIRECT PAYMENT WILL BE ALLOWED FOR THIS AND WILL BE CONSIDERED INCIDENTAL TO THE ITEM "MAINTAIN AND CONTROL TRAFFIC".

10) LANE CLOSURES

LANE CLOSURES MUST BE APPROVED BY THE ENGINEER 24 HOURS IN ADVANCE UNLESS UNFORESEEABLE SITUATIONS OCCUR BEYOND THE CONTRACTORS CONTROL. CONTRARY TO SECTION 112, LANE CLOSURES WILL NOT BE CONSIDERED FOR PAYMENT REGARDLESS OF THE DURATION OF CLOSURE, BUT ARE CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." LUMP SUM. SIGNS AND ARROW PANELS SHALL BE PAID PER 50 FT AND EACH, EXCEPT FOR LANE CLOSURES INSTALLED FOR THE CONTRACTORS CONVENIENCE.

11) ROAD CLOSURES

LIMIT THE DURATION OF ROAD CLOSURES TO THE MINIMUM REQUIRED TO ACCOMPLISH THE COMPLETION OF THE PHASE REQUIRING CLOSURE. CONTINUOUSLY PURSUE WORK UNTIL COMPLETE TO MINIMIZE DURATION OF CLOSURES.

12) LOCAL ACCESS

ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER 48-HOUR NOTICE. THE CONTRACTOR MUST PROVIDE PASSAGE THROUGH THE PROJECT AT VARIOUS LOCATIONS FOR PROPERTY ACCESS. COORDINATE TIMES THAT PASSAGE IS REQUIRED WITH THE PROPERTY OWNERS. MAINTAIN A GRADED PATH THROUGHOUT THE SEGMENTS REQUIRED TO PROVIDE ACCESS TO THESE PARCELS, CAPABLE OF BEING TRAVERSED BY A PASSENGER VEHICLE AT ALL TIMES. PLACE A MINIMUM 2 INCHES STONE ON THESE DESIGNATED TRAVEL WAYS AT THE END OF EACH DAY'S PRODUCTION SHIFT. ACCESS TO PARCELS NOT INHABITED WAY BE CLOSED FOR SHORT PERIODS OF TIME IF COORDINATED WITH, AND AGREED BY THE OWNER.

13) SCHOOL BUSES AND EMERGENCY VEHICLES

IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND AN EMERGENCY VEHICLE ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

14) SIGNS

CONTRARY TO SECTION 112.04.02 AND 112.04.03, LOW SHOULDER SIGNS WILL NOT BE MEASURED FOR PAYMENT BUT WILL BE INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC CONTRARY TO SECTION 112.04.02 ONLY LONG TERM SIGNS (SIGNS INTENDED TO BE CONTINUOUSLY IN PLACE FOR MORE THAN 3 DAYS OR LESS) WILL BE MEASURED FOR PAYMENT; SHORT TERM SIGNS (SIGNS INTENDED TO BE LEFT IN PLACE FOR MORE 3 DAYS OR LESS) WILL NOT BE MEASURED FOR PAYMENT AND CONTROL AND WILL BE CONSIDERED INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC. INDIVIDUAL SIGNS WILL BE MEASURED ONLY ONCE FOR PAYMENT, REGARDLESS OF HOW MANY TIMES THEY ARE SET, RESET, REMOVED AND RELOCATED DURING THE DURATION OF THE PROJECT. REPLACEMENTS FOR DAMAGED SIGNS DIRECTED BY THE ENGINEER TO BE REPLACED DUE TO POOR CONDITION OR REFLECTIVITY WILL NOT BE MEASURED FOR PAYMENT. EXISTING SIGNS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE INCIDENTAL TO MAINTAIN AND CONTROL TRAFFIC.

15) WEIGHT LIMIT DESIGNATIONS

THE CONTRACTOR SHALL OBSERVE ALL WEIGHT LIMITS DESIGNATIONS WHILE HAULING MATERIAL AND EQUIPMENT ON EXISTING PAVEMENT. ANY DAMAGE TO EXISTING PAVEMENT CAUSED BY THE CONTACTORS EQUIPMENT SHALL BE REPAIRED IMMEDIATELY, AT NO COST TO THE DEPARTMENT.

16) DURING CONSTRUCTION, IF THE CONTRACTOR MOVES EQUIPMENT, MATERIAL, ETC. BACK AND FORTH ACROSS PUBLIC ROADWAYS THAT REMAIN OPEN, SPECIAL PROVISIONS MAY BE REQUIRED BY THE ENGINEER. THIS MAY INCLUDE BUT IS NOT LIMITED TO, PAVING OF EXISTING PAVEMENTS, FLAGGERS, SPECIAL SIGNING, OR LIGHTING TO EMPHASIZE THE CONSTRUCTION EQUIPMENT CROSSING THE ROADWAY, ALL OF WHICH SHALL BE INCIDENTAL TO LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC".

17) ONCE CONSTRUCTION OF EACH ROUNDABOUT BEGINS, THE CONTRACTOR WILL HAVE 60 DAYS TO COMPLETE THE WORK ASSOCIATED WITH THE ROUNDABOUT AND GET TRAFFIC OPENED TO FINAL TRAFFIC PATTERN.

18) FLASHING ARROWS

LONG-TERM-ARROW PANELS WILL BE PAID FOR PER SECTION 112.04.04 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION.

19) PORTABLE CHANGEABLE MESSAGE SIGNS

CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE MADE PER SECTION 112.04.06 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION, RELOCATE MESSAGE BOARDS AND REVISE MESSAGES AS NEEDED. USE MESSAGE BOARDS TO ASSIST IN TRAFFIC PHASE SHIFT ADVANCE WARNINGS.

20) PAVEMENT CONSTRUCTION

HAULING FROM EARTHWORK MUST BE COMPLETED IN AREAS PRIOR TO CONSTRUCTION OF ASPHALT PAVEMENT.

21) PAVEMENT EDGE DROP-OFF

PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

LESS THAN 2 INCHES NO PROTECTION REQUIRED. UNEVEN LANES SIGNS W8-II SHOULD BE PLACED IN ADVANTAGE AND THROUGHOUT THE DROP-OFF AREA.

2 INCHES TO 4 INCHES -PLACE PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES EVERY 100 FEET. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS ONLY.

GREATER THAN 4 INCHES- CONCRETE BARRIER WALLS OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS A 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFF DRUM, PANELS OR BARRICADES MAY BE USED . IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS. FOR TEMPORARY CONDITIONS, DROP-OFF GREATER THAN 4 INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANEL, OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA. PAYMENT WILL BE ALLOWED FOR THE CSB MATERIAL USED FOR WEDGING.

22) SPEED LIMIT

THE SPEED LIMIT WILL BE REDUCED BY 10 MPH IN THE WORK ZONE.

23) WATERLINE UTILITY WORK

WATERLINE UTILITY WORK WILL OCCUR ON THE WEST SIDE OF KY 555 AT KY 528 ROUNDABOUT. IT MAY BE REQUIRED FOR THE CONTRACTOR TO TEMPORARILY CLOSE THE WEST APPROACH AT THIS INTERSECTION FOR ONE WEEKEND. THE CONTRACTOR SHALL COORDINATE WITH KYTC AND SPRINGFIELD WATER PRIOR TO PHASE 1 OF THE KY 528 ROUNDABOUT. THIS CLOSURE AND COORDINATION WILL BE INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC".

24) ALL WORK BETWEEN 3+65.47 AND 126+80 SHALL BE COMPLETED THROUGH THE FINAL SURFACE BY SEPTEMBER 15, 2025. NO WORK WITHIN THESE LIMITS SHALL OCCUR PAST THIS DATE UNLESS GRANTED PERMISSION BY THE ENGINEER.

25) NO WORK SHALL OCCUR BETWEEN 6+00 AM AND 8:30 AM BETWEEN STATIONS 3+65.47 AND 126+80 UNLESS GRANTED PERMISSION BY THE ENGINEER.



GENERAL 2+1 PHASING

- IN ALL PHASES, WITH EXCEPTION OF THE FINAL PHASE, PAVEMENT CONSTRUCTION SHALL BE THROUGH THE TOP ASPHALT BASE COURSE UNLESS NOTED OTHERWISE. FINAL ASPHALT SURFACING FOR ENTIRE PROJECT SHALL BE COMPLETED DURING THE FINAL PHASE.
- MAINTAIN TRAFFIC ON EXISTING ROADS UNLESS NOTED OTHERWISE IN THE SPECIFIC PHASE NOTES.
- WORK CAN BE DONE EARLIER THAN PHASE LISTED IF IT DOES NOT INTERFERE WITH TRAFFIC OR CONFLICT WITH TRAFFIC PATTERN IN LATER PHASES.
- INSTALL APPROPRIATE TEMPORARY CONSTRUCTION SIGNS AND INSTALL APPLICABLE EROSION CONTROL BMP'S PRIOR TO BEGINNING CONSTRUCTION IN EACH PHASE.
- THE CONTRACTOR SHALL PROGRESS WORK IN A MANNER SO THAT ALL WIDENING WITHIN THE DISTURBED AREA CAN BE WINTERIZED (TOP LIFT OF BASE PLACED) PRIOR TO NOVEMBER 30 OF THAT YEAR.

GENERAL OVERVIEW

CONSTRUCTION IN THE 2+1 SECTION INCLUDES WIDENING THE ROADWAY AS SHOWN ON THE PLANS.

TRAFFIC WILL BE SHIFTED AS PER THE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SOME AREAS WILL REQUIRE MORE WIDENING ON THE RIGHT SIDE OF THE ROADWAY TO AVOID WATER LINE CONFLICTS OR FOR THE WIDENING OF THE TURN LANES. THESE LOCATIONS ARE SHOWN IN THE TYPICAL SECTIONS AND PLANS.

THE CONTRACTOR SHALL NOT DISTURB MORE ROADWAY THAN CAN BE WINTERIZED PRIOR TO NOVEMBER 30. NO EXPOSED SUBGRADE SHALL BE ALLOWED OVER THE WINTER MONTHS UNLESS PRIOR APPROVAL FROM THE ENGINEER. THE CONTRACTOR SHALL BRING ALL BASE UP TO APPROPRIATE LEVEL PRIOR TO WINTER AND RETURN TRAFFIC TO ORIGINAL LANE CONFIGURATION. IF THE CONTRACTOR FAILS TO RETURN TRAFFIC TO THE ORIGINAL COFIGURATION BEFORE NOVEMBER 30, AND ASPHALT BASE IS NOT COMPLETE WITHIN THE DISTURBED WORK AREAS, LIQUIDATED DAMAGES WILL BE APPLIED AS SPECIFIED IN THE CURRENT SPECIFICATIONS.

PHASE 1

1. UTILIZING FLAGGERS REDUCE TRAFFIC TO 1 LANE WITHIN THE 2+1 SECTION OF KY 555. THE CONTRACTOR SHALL NOT DISTURB MORE THAN 4 MILES OF ROADWAY AT A TIME.
2. WIDEN THE ROADWAY TO THE RIGHT SIDE AS PER THE TYPICAL SECTIONS.
3. AT THE END OF EACH SHIFT, REMOVE THE FLAGGING OPERATION AND RETURN THE ROADWAY TO THE ORIGINAL CONFIGURATION. PRIOR TO REOPENING, THE CONTRACTOR SHALL ENSURE THAT A 3:1 DGA SAFETY WEDGE IS IN PLACE FOR ANY DROP OFF GREATER THAN 2'.
4. FOR PAVEMENT WIDENING OPERATIONS FOR THE PLACEMENT OF THE SECOND LIFT OF ASPHALT BASE AS DETAILED IN THE TYPICAL SECTIONS FOR THE PROJECT, THE CONTRACTOR WILL BE ALLOWED TO HAVE A 4 INCH DROP OFF DURING NONWORKING HOURS ALONG THE EDGE OF THE DRIVING LANE FOR A PERIOD NOT TO EXCEED 24 HOURS. THIS WILL PROVIDE TIME FOR THE FIRST LIFT OF ASPHALT BASE PLACED TO COOL TO POINT PROPER COMPACTION OF THE SECOND LIFT OF ASPHALT BASE CAN BE ATTAINED. THE 4 INCH DROP OFF SHALL BE PROTECTED WITH REFLECTIVE BARRELS SPACED NO GREATER THAN 40 FEET LONGITUDINALLY THROUGHOUT THE 4 INCH DROP OFF AREA ALONG WITH TEMPORARY LOW SHOULDER SIGNS PLACED AS DIRECTED BY THE ENGINEER. PENALTIES FOR NON-COMPLIANCE WITH THESE REQUIREMENTS WILL BE ASSESSED PER SECTION 112.03.15 OF THE STANDARD SPECIFICATIONS FOR THE PROJECT.

PHASE 2

1. RESTRIPE THE ROADWAY TO SHIFT TRAFFIC TO THE NEWLY WIDENED CONSTRUCTION. MAINTAINING A 1' PAVED SHOULDER AND 10' DRIVING LANE FOR BOTH DIRECTIONS AS PER THE MAINTENANCE OF TRAFFIC TYPICAL SECTION.

2. CONSTRUCT THE WIDENING AS SHOWN ON THE LEFT SIDE OF THE ROADWAY. THE CONTRACTOR IS NOT LIMITED TO THE 4 MILE RESTRICTION IN THIS PHASE AS LONG AS THE ROADWAY MAINTAINS 1 LANE IN EACH DIRECTION.

PHASE 3

1. WHILE TRAFFIC IS IN ITS FINAL CONFIGURATION, UTILIZE FLAGGERS AND LANE CLOSURES TO PAVE THE FINAL SURFACE OF THE ROADWAY ENSURING THE CROWN IS AT THE LOCATION SPECIFIED IN THE PLANS.
2. INSTALL FINAL STRIPING, RUMBLE STRIPS, AND PAVEMENT REFLECTORS.

GENERAL ROUNDABOUT PHASING

PHASE 1 SHALL CONSIST OF LEVELING AND WEDGING THE ROADWAY AS WELL AS ADDING ANY NECESSARY WIDENING. LEVEL AND WEDGE TO BRING ROADWAY TO APPROXIMATE GRADING SHOWN IN THE PLANS. PHASE 2, 3 & 4 SHALL CONSTRUCT TRUCK APRON, INSIDE CURBS, OUTSIDE ISLAND CURBS AND GUTTER, SPLITTER ISLANDS, AND OUTSIDE CONCRETE MEDIAN AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS AND ROADWAY PLANS. MILL DOWN 6.5" IN PHASE 2, 3 & 4 AT THESE LOCATIONS TO CONSTRUCT THESE WORK ITEMS.

- THE CONTRACTOR SHALL ONLY CONSTRUCT ONE (1) ROUNDABOUT AT A TIME.
- LEFT TURNS SHALL BE PROHIBITED AT THE INTERSECTIONS OF 555/150X AND 555/528 AS SHOWN IN THE PLANS.
- DURING CONSTRUCTION OF THE ROUNDABOUTS, IT IS ANTICIPATED THAT TRUCK TRAFFIC WILL NEED TO UTILIZE MOUNTABLE MEDIANS AND CENTER ISLAND AS SPEIFIED IN THE PLANS. PLACE TRAFFIC CONTROL DEVICES AS NOT TO HINDER THIS MOVEMENT.
- PRIOR TO CONSTRUCTION OF THE ROUNDABOUTS, ENSURE DETOURS ARE IN PLACE.
- THE CONTRACTOR SHALL PROGRESS WORK IN A MANNER SO THAT ROUNDABOUT CONSTRUCTION DOES NOT LAPSE OVER WINTER LEAVING EXPOSED SUBGRADE.
- AT THE INTERSECTION OF 555 AND 150, 150 MAY BE COMPLETELY CLOSED AT THE INTERSECTION FOR THE DURATION OF THE CONSTRUCTION OF THE 150 ROUNDABOUT.
- THE CONTRACTOR SHALL HAVE 60 DAYS TO CONSTRUCT A ROUNDABOUT ONCE LEFT TURNS ARE PROHIBITED (PHASE 2) AND REOPEN THE ROUNDABOUT TO LEFT TURN MOVEMENTS. IF THE CONTRACTOR FAILS TO OPEN WITHIN THIS 60 DAY PERIOD, A LIQUIDATED DAMAGE OF \$10,000 PER DAY WILL BE APPLIED UNTIL IT IS REOPEN TO TRAFFIC. REOPENING WILL CONSIST OF ALL ROUNDABOUT WORK WITHIN THE LIMITS OF THE SPLITTER ISLANDS AND ALL WORK ON THE EAST/WEST APPROACHES INCLUDING BUT NOT LIMITED TO FINAL SURFACE, GUARDRAIL, CURB, ETC. LIGHTING WILL NOT BE REQUIRED AS PART OF THIS 60 DAY REQUIREMENT FOR THE 555/528 INTERSECTION. HOWEVER IF PERMANENT LIGHTING CANNOT BE INSTALLED ON THE 528 INTERSECTION PRIOR TO OPENING, TEMPORARY LIGHTING SHALL BE REQUIRED PRIOR TO OPENING LEFT TURNS. TEMPORARY LIGHTING SHALL MINIMALLY PROVIDE A POLE IN EACH QUADRANT OF THE INTERSECTION.
- THE ROUNDABOUT AT KY 555/150 SHALL BE CONSTRUCTED LAST AND SHALL BE CONSTRUCTED BETWEEN JUNE 1, 2025 AND AUGUST 15, 2025. THE ROUNDABOUT SHALL ONLY BE CONSTRUCTED WHILE SCHOOL IS DISMISSED FOR SUMMER BREAK. THE CONTRACTOR SHALL COORDINATE WITH THE SCHOOL DISTRICT PRIOR TO CLOSING THE 150 APPROACHES.

ROUNDABOUTS SHALL BE CONSTRUCTED IN THE FOLLOWING ORDER UNLESS APPROVED BY THE ENGINEER:

1. 555/528
2. 555/150X
3. 555/150

GENERAL CONSTRUCTION ORDER WILL CONSIST OF:

1. RAISING ASPHALT GRADES ON ALL APPROACHES
2. CENTER ISLAND CONSTRUCTION
3. OUTSIDE CURB ISLAND CONSTRUCTION
4. SPLITTER ISLAND CONSTRUCTION



GENERAL 2+1 PHASING

- IN ALL PHASES, WITH EXCEPTION OF THE FINAL PHASE, PAVEMENT CONSTRUCTION SHALL BE THROUGH THE TOP ASPHALT BASE COURSE UNLESS NOTED OTHERWISE. FINAL ASPHALT SURFACING FOR ENTIRE PROJECT SHALL BE COMPLETED DURING THE FINAL PHASE.
- MAINTAIN TRAFFIC ON EXISTING ROADS UNLESS NOTED OTHERWISE IN THE SPECIFIC PHASE NOTES.
- WORK CAN BE DONE EARLIER THAN PHASE LISTED IF IT DOES NOT INTERFERE WITH TRAFFIC OR CONFLICT WITH TRAFFIC PATTERN IN LATER PHASES.
- INSTALL APPROPRIATE TEMPORARY CONSTRUCTION SIGNS AND INSTALL APPLICABLE EROSION CONTROL BMP'S PRIOR TO BEGINNING CONSTRUCTION IN EACH PHASE.
- THE CONTRACTOR SHALL PROGRESS WORK IN A MANNER SO THAT ALL WIDENING WITHIN THE DISTURBED AREA CAN BE WINTERIZED (TOP LIFT OF BASE PLACED) PRIOR TO NOVEMBER 30 OF THAT YEAR.

GENERAL OVERVIEW

CONSTRUCTION IN THE 2+1 SECTION INCLUDES WIDENING THE ROADWAY AS SHOWN ON THE PLANS.

TRAFFIC WILL BE SHIFTED AS PER THE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SOME AREAS WILL REQUIRE MORE WIDENING ON THE RIGHT SIDE OF THE ROADWAY TO AVOID WATER LINE CONFLICTS OR FOR THE WIDENING OF THE TURN LANES. THESE LOCATIONS ARE SHOWN IN THE TYPICAL SECTIONS AND PLANS.

THE CONTRACTOR SHALL NOT DISTURB MORE ROADWAY THAN CAN BE WINTERIZED PRIOR TO NOVEMBER 30. NO EXPOSED SUBGRADE SHALL BE ALLOWED OVER THE WINTER MONTHS UNLESS PRIOR APPROVAL FROM THE ENGINEER. THE CONTRACTOR SHALL BRING ALL BASE UP TO APPROPRIATE LEVEL PRIOR TO WINTER AND RETURN TRAFFIC TO ORIGINAL LANE CONFIGURATION. IF THE CONTRACTOR FAILS TO RETURN TRAFFIC TO THE ORIGINAL COFIGURATION BEFORE NOVEMBER 30, AND ASPHALT BASE IS NOT COMPLETE WITHIN THE DISTURBED WORK AREAS, LIQUIDATED DAMAGES WILL BE APPLIED AS SPECIFIED IN THE CURRENT SPECIFICATIONS.

PHASE 1

1. UTILIZING FLAGGERS REDUCE TRAFFIC TO 1 LANE WITHIN THE 2+1 SECTION OF KY 555. THE CONTRACTOR SHALL NOT DISTURB MORE THAN 4 MILES OF ROADWAY AT A TIME.
2. WIDEN THE ROADWAY TO THE RIGHT SIDE AS PER THE TYPICAL SECTIONS.
3. AT THE END OF EACH SHIFT, REMOVE THE FLAGGING OPERATION AND RETURN THE ROADWAY TO THE ORIGINAL CONFIGURATION. PRIOR TO REOPENING, THE CONTRACTOR SHALL ENSURE THAT A 3:1 DGA SAFETY WEDGE IS IN PLACE FOR ANY DROP OFF GREATER THAN 2'.
4. FOR PAVEMENT WIDENING OPERATIONS FOR THE PLACEMENT OF THE SECOND LIFT OF ASPHALT BASE AS DETAILED IN THE TYPICAL SECTIONS FOR THE PROJECT, THE CONTRACTOR WILL BE ALLOWED TO HAVE A 4 INCH DROP OFF DURING NONWORKING HOURS ALONG THE EDGE OF THE DRIVING LANE FOR A PERIOD NOT TO EXCEED 24 HOURS. THIS WILL PROVIDE TIME FOR THE FIRST LIFT OF ASPHALT BASE PLACED TO COOL TO POINT PROPER COMPACTION OF THE SECOND LIFT OF ASPHALT BASE CAN BE ATTAINED. THE 4 INCH DROP OFF SHALL BE PROTECTED WITH REFLECTIVE BARRELS SPACED NO GREATER THAN 40 FEET LONGITUDINALLY THROUGHOUT THE 4 INCH DROP OFF AREA ALONG WITH TEMPORARY LOW SHOULDER SIGNS PLACED AS DIRECTED BY THE ENGINEER. PENALTIES FOR NON-COMPLIANCE WITH THESE REQUIREMENTS WILL BE ASSESSED PER SECTION 112.03.15 OF THE STANDARD SPECIFICATIONS FOR THE PROJECT.

PHASE 2

1. RESTRIPE THE ROADWAY TO SHIFT TRAFFIC TO THE NEWLY WIDENED CONSTRUCTION. MAINTAINING A 1' PAVED SHOULDER AND 10' DRIVING LANE FOR BOTH DIRECTIONS AS PER THE MAINTENANCE OF TRAFFIC TYPICAL SECTION.

2. CONSTRUCT THE WIDENING AS SHOWN ON THE LEFT SIDE OF THE ROADWAY. THE CONTRACTOR IS NOT LIMITED TO THE 4 MILE RESTRICTION IN THIS PHASE AS LONG AS THE ROADWAY MAINTAINS 1 LANE IN EACH DIRECTION.

PHASE 3

1. WHILE TRAFFIC IS IN ITS FINAL CONFIGURATION, UTILIZE FLAGGERS AND LANE CLOSURES TO PAVE THE FINAL SURFACE OF THE ROADWAY ENSURING THE CROWN IS AT THE LOCATION SPECIFIED IN THE PLANS.
2. INSTALL FINAL STRIPING, RUMBLE STRIPS, AND PAVEMENT REFLECTORS.

GENERAL ROUNDABOUT PHASING

PHASE 1 SHALL CONSIST OF LEVELING AND WEDGING THE ROADWAY AS WELL AS ADDING ANY NECESSARY WIDENING, LEVEL AND WEDGE TO BRING ROADWAY TO APPROXIMATE GRADING SHOWN IN THE PLANS. PHASE 2, 3 & 4 SHALL CONSTRUCT TRUCK APRON, INSIDE CURBS, OUTSIDE ISLAND CURBS AND GUTTER, SPLITTER ISLANDS, AND OUTSIDE CONCRETE MEDIAN AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS AND ROADWAY PLANS. MILL DOWN 6.5" IN PHASE 2, 3 & 4 AT THESE LOCATIONS TO CONSTRUCT THESE WORK ITEMS.

- THE CONTRACTOR SHALL ONLY CONSTRUCT ONE (1) ROUNDABOUT AT A TIME.
- LEFT TURNS SHALL BE PROHIBITED AT THE INTERSECTIONS OF 555/150X AND 555/528 AS SHOWN IN THE PLANS.
- DURING CONSTRUCTION OF THE ROUNDABOUTS, IT IS ANTICIPATED THAT TRUCK TRAFFIC WILL NEED TO UTILIZE MOUNTABLE MEDIANS AND CENTER ISLAND AS SPEFIED IN THE PLANS. PLACE TRAFFIC CONTROL DEVICES AS NOT TO HINDER THIS MOVEMENT.
- PRIOR TO CONSTRUCTION OF THE ROUNDABOUTS, ENSURE DETOURS ARE IN PLACE.
- THE CONTRACTOR SHALL PROGRESS WORK IN A MANNER SO THAT ROUNDABOUT CONSTRUCTION DOES NOT LAPSE OVER WINTER LEAVING EXPOSED SUBGRADE.
- AT THE INTERSECTION OF 555 AND 150, 150 MAY BE COMPLETELY CLOSED AT THE INTERSECTION FOR THE DURATION OF THE CONSTRUCTION OF THE 150 ROUNDABOUT.
- THE CONTRACTOR SHALL HAVE 60 DAYS TO CONSTRUCT A ROUNDABOUT ONCE LEFT TURNS ARE PROHIBITED (PHASE 2) AND REOPEN THE ROUNDABOUT TO LEFT TURN MOVEMENTS. IF THE CONTRACTOR FAILS TO OPEN WITHIN THIS 60 DAY PERIOD, A LIQUIDATED DAMAGE OF \$10,000 PER DAY WILL BE APPLIED UNTIL IT IS REOPEN TO TRAFFIC. REOPENING WILL CONSIST OF ALL ROUNDABOUT WORK WITHIN THE LIMITS OF THE SPLITTER ISLANDS AND ALL WORK ON THE EAST/WEST APPROACHES INCLUDING BUT NOT LIMITED TO FINAL SURFACE, GUARDRAIL, CURBS, ETC. LIGHTING WILL NOT BE REQUIRED AS PART OF THIS 60 DAY REQUIREMENT FOR THE 555/528 INTERSECTION. HOWEVER IF PERMANENT LIGHTING CANNOT BE INSTALLED ON THE 528 INTERSECTION PRIOR TO OPENING, TEMPORARY LIGHTING SHALL BE REQUIRED PRIOR TO OPENING LEFT TURNS. TEMPORARY LIGHTING SHALL MINIMALLY PROVIDE A POLE IN EACH QUADRANT OF THE INTERSECTION.
- THE ROUNDABOUT AT KY 555/150 SHALL BE CONSTRUCTED LAST AND SHALL BE CONSTRUCTED BETWEEN JUNE 1, 2025 AND AUGUST 15, 2025. THE ROUNDABOUT SHALL ONLY BE CONSTRUCTED WHILE SCHOOL IS DISMISSED FOR SUMMER BREAK. THE CONTRACTOR SHALL COORDINATE WITH THE SCHOOL DISTRICT PRIOR TO CLOSING THE 150 APPROACHES.

ROUNDABOUTS SHALL BE CONSTRUCTED IN THE FOLLOWING ORDER UNLESS APPROVED BY THE ENGINEER:

1. 555/528
2. 555/150X
3. 555/150

GENERAL CONSTRUCTION ORDER WILL CONSIST OF:

1. RAISING ASPHALT GRADES ON ALL APPROACHES
2. CENTER ISLAND CONSTRUCTION
3. OUTSIDE CURB ISLAND CONSTRUCTION
4. SPLITTER ISLAND CONSTRUCTION

