



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Jim Gray  
SECRETARY

November 13, 2024

CALL NO. 201  
CONTRACT ID NO. 241316  
ADDENDUM # 2

Subject: Carroll-Gallatin Counties, NHPM IM 0712 (082)  
Letting November 14, 2024

- (1) Revised - Completion Date - Cover page & Page 5
- (2) Revised - Material Summary - Pages 117-125 of 187
- (3) Revised - Proposal Bid Items - Pages 182-187 of 187
- (4) Revised - Plan Sheets S01, S04, S05, S16, R21 and R106

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



**CALL NO. 201**

**CONTRACT ID. 241316**

**CARROLL - GALLATIN COUNTIES**

**FED/STATE PROJECT NUMBER NHPM IM 0712 (082)**

**DESCRIPTION LOUISVILLE-CINCINNATI ROAD (I-71)**

**WORK TYPE WIDENING**

**PRIMARY COMPLETION DATE 11/01/2026**

**LETTING DATE: November 14,2024**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN STANDARD TIME November 14,2024. Bids will be publicly announced at 10:00 AM EASTERN STANDARD TIME.

**PLANS AVAILABLE FOR THIS PROJECT.**

**DBE CERTIFICATION REQUIRED - 0%**

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

**ADMINISTRATIVE DISTRICT - 06**

**CONTRACT ID - 241316**

**NHPP IM 0712 (082)**

**COUNTY - CARROLL**

**PCN - DE02100712416**

**NHPP IM 0712 (082)**

LOUISVILLE-CINCINNATI ROAD (I-71) BEGINNING IN CARROLL COUNTY AT MP 52.778 EXTENDING NORTHEASTERLY TO THE GALLATIN COUNTY LINE WITH BRIDGE WORK, A DISTANCE OF 0.14 MILES.WIDENING SYP NO. 06-20021.00.

GEOGRAPHIC COORDINATES LATITUDE 38:37:32.00 LONGITUDE 85:07:14.00

ADT 42,500

**COUNTY - GALLATIN**

**PCN - DE03900712416**

**NHPP IM 0712 (082)**

LOUISVILLE-CINCINNATI ROAD (I-71) FROM THE CARROLL COUNTY LINE EXTENDING NORTHEASTERLY TO MP 57.364, A DISTANCE OF 03.15 MILES.WIDENING SYP NO. 06-20021.00.

GEOGRAPHIC COORDINATES LATITUDE 38:41:32.00 LONGITUDE 84:56:14.00

ADT 42,500

**COMPLETION DATE(S):**

COMPLETED BY 11/01/2026

ALL WORK - SEE SPECIAL NOTE

# MATERIAL SUMMARY

**CONTRACT ID: 241316**

**NHPP IM 0712 (082)**

**DE02100712416**

LOUISVILLE-CINCINNATI ROAD (I-71) BEGINNING IN CARROLL COUNTY AT MP 52.778 EXTENDING NORTHEASTERLY TO THE GALLATIN COUNTY LINE WITH BRIDGE WORK WIDENING, A DISTANCE OF .14 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00001	DGA BASE	5,066.00	TON
0010	00008	CEMENT STABILIZED ROADBED	20,956.00	SQYD
0015	00018	DRAINAGE BLANKET-TYPE II-ASPH	7,292.00	TON
0020	00100	ASPHALT SEAL AGGREGATE	20.00	TON
0025	00103	ASPHALT SEAL COAT	2.00	TON
0030	00190	LEVELING & WEDGING PG64-22	2,437.00	TON
0035	00214	CL3 ASPH BASE 1.00D PG64-22	4,928.00	TON
0040	00217	CL4 ASPH BASE 1.00D PG64-22	11,743.00	TON
0045	00219	CL4 ASPH BASE 1.00D PG76-22	3,315.00	TON
0050	00339	CL3 ASPH SURF 0.38D PG64-22	1,287.00	TON
0055	00342	CL4 ASPH SURF 0.38A PG76-22	2,308.00	TON
0060	00358	ASPHALT CURING SEAL	38.00	TON
0065	02107	BREAKING AND SEATING PAVEMENT	5,965.00	SQYD
0070	02542	CEMENT	461.00	TON
0075	02677	ASPHALT PAVE MILLING & TEXTURING	3,930.00	TON
0080	02702	SAND FOR BLOTTER	105.00	TON
0085	20071EC	JOINT ADHESIVE	20,750.00	LF
0090	21289ED	LONGITUDINAL EDGE KEY	4,050.00	LF
0095	24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	1,023,624.00	SF
0100	24969ED	LONGITUDINAL SAW CUT	6,287.00	LF
0105	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	38.00	TON
0110	00078	CRUSHED AGGREGATE SIZE NO 2	6.00	TON
0115	01000	PERFORATED PIPE-4 IN	2,269.00	LF
0120	01001	PERFORATED PIPE-6 IN	3,212.00	LF
0125	01010	NON-PERFORATED PIPE-4 IN	50.00	LF
0130	01011	NON-PERFORATED PIPE-6 IN	10.00	LF
0135	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM - (CARROLL COUNTY)	1.00	LS
0140	01020	PERF PIPE HEADWALL TY 1-4 IN	3.00	EACH
0145	01025	PERF PIPE HEADWALL TY 2-6 IN	1.00	EACH
0150	01028	PERF PIPE HEADWALL TY 3-4 IN	1.00	EACH
0155	01032	PERF PIPE HEADWALL TY 4-4 IN	1.00	EACH
0160	01741	CORED HOLE DRAINAGE BOX CON-6 IN	9.00	EACH
0165	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN (REV 11-13-24)	2,989.00	LF
0170	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	16.00	EACH
0175	01985	DELINEATOR FOR BARRIER - YELLOW	289.00	EACH
0180	02003	RELOCATE TEMP CONC BARRIER	9,456.00	LF
0185	02014	BARRICADE-TYPE III	1.00	EACH
0190	02159	TEMP DITCH	1,581.00	LF
0195	02160	CLEAN TEMP DITCH	790.00	LF
0200	02165	REMOVE PAVED DITCH	747.00	SQYD
0205	02200	ROADWAY EXCAVATION	10,224.00	CUYD
0210	02237	DITCHING	719.00	LF

# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0215	02242	WATER	100.00	MGAL
0220	02367	GUARDRAIL END TREATMENT TYPE 1	1.00	EACH
0225	02369	GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH
0230	02381	REMOVE GUARDRAIL	1,752.00	LF
0235	02483	CHANNEL LINING CLASS II	59.00	TON
0240	02484	CHANNEL LINING CLASS III	1,121.00	TON
0245	02545	CLEARING AND GRUBBING - (CARROLL COUNTY)	1.00	LS
0250	02562	TEMPORARY SIGNS	1,302.00	SQFT
0255	02603	FABRIC-GEOTEXTILE CLASS 2	1,213.00	SQYD
0260	02650	MAINTAIN & CONTROL TRAFFIC - (CARROLL COUNTY)	1.00	LS
0265	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0270	02676	MOBILIZATION FOR MILL & TEXT - (CARROLL COUNTY)	1.00	LS
0275	02701	TEMP SILT FENCE	1,581.00	LF
0280	02703	SILT TRAP TYPE A	6.00	EACH
0285	02704	SILT TRAP TYPE B	6.00	EACH
0290	02705	SILT TRAP TYPE C	6.00	EACH
0295	02706	CLEAN SILT TRAP TYPE A	6.00	EACH
0300	02707	CLEAN SILT TRAP TYPE B	6.00	EACH
0305	02708	CLEAN SILT TRAP TYPE C	6.00	EACH
0310	02726	STAKING - (CARROLL COUNTY)	1.00	LS
0315	02775	ARROW PANEL	2.00	EACH
0320	02898	RELOCATE CRASH CUSHION	2.00	EACH
0325	03171	CONCRETE BARRIER WALL TYPE 9T	6,936.00	LF
0330	05950	EROSION CONTROL BLANKET	822.00	SQYD
0335	05952	TEMP MULCH	51,759.00	SQYD
0340	05953	TEMP SEEDING AND PROTECTION (REV 11-13-24)	4,583.00	SQYD
0345	05963	INITIAL FERTILIZER (REV 11-13-24)	1.00	TON
0350	05964	MAINTENANCE FERTILIZER (REV 11-13-24)	1.00	TON
0355	05985	SEEDING AND PROTECTION (REV 11-13-24)	4,583.00	SQYD
0360	05992	AGRICULTURAL LIMESTONE	49.00	TON
0365	06511	PAVE STRIPING-TEMP PAINT-6 IN	50,794.00	LF
0370	06550	PAVE STRIPING-TEMP REM TAPE-W	909.00	LF
0375	06551	PAVE STRIPING-TEMP REM TAPE-Y	483.00	LF
0380	06585	PAVEMENT MARKER TY IVA-MW TEMP	96.00	EACH
0385	06586	PAVEMENT MARKER TY IVA-MY TEMP	63.00	EACH
0390	08100	CONCRETE-CLASS A	1.68	CUYD
0395	08903	CRASH CUSHION TY VI CLASS BT TL3	1.00	EACH
0400	10020NS	FUEL ADJUSTMENT	60,921.00	DOLL
0405	10030NS	ASPHALT ADJUSTMENT	113,908.00	DOLL
0410	20191ED	OBJECT MARKER TY 3	1.00	EACH
0415	20362ES403	SHOULDER RUMBLE STRIPS-SAWED	13,835.00	LF
0420	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	1,537.50	LF
0425	22664EN	WATER BLASTING EXISTING STRIPE	22,348.00	LF
0430	22883EN	CONCRETE WEDGE CURB	1,132.00	LF
0435	23143ED	KPDES PERMIT AND TEMP EROSION CONTROL - (CARROLL COUNTY)	1.00	LS
0440	23148EN	END ANCHORS	1.00	EACH
0445	23378EC	CONCRETE SEALING	30,867.00	SQFT
0450	24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	3,130.00	LF
0455	24640ED	OBJECT MARKER TYPE 1	1.00	EACH

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0460	24707ED	CABLE BARRIER SYSTEM REMOVE & RESTORE - (CARROLL COUNTY)	1.00	LS
0465	24814EC	PIPELINE INSPECTION	1,092.00	LF
0470	26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	3.00	MONT
0475	26137EC	QUEUE WARNING PCMS	17.00	MONT
0480	26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	17.00	MONT
0485	26228EC	ELECTRONIC DELIVERY MGMT SYSTEM - (CARROLL COUNTY)	1.00	LS
0490	00462	CULVERT PIPE-18 IN	4.00	LF
0495	00464	CULVERT PIPE-24 IN	49.00	LF
0500	00521	STORM SEWER PIPE-15 IN	548.00	LF
0505	00522	STORM SEWER PIPE-18 IN	9.00	LF
0510	00524	STORM SEWER PIPE-24 IN	44.00	LF
0515	01208	PIPE CULVERT HEADWALL-24 IN	2.00	EACH
0520	01502	DROP BOX INLET TYPE 5A	1.00	EACH
0525	01624	CONC MED BARR BOX INLET TY B2 TL5 56	6.00	EACH
0530	01644	JUNCTION BOX-30 IN	1.00	EACH
0535	02484	CHANNEL LINING CLASS III	58.00	TON
0540	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,959.00	SQYD
0545	24862EC	PVC FOLD AND FORM PIPE LINER-18 IN	309.00	LF
0550	24863EC	PVC FOLD AND FORM PIPE LINER-24 IN	327.00	LF
0555	06405	SBM ALUMINUM PANEL SIGNS	34.00	SQFT
0560	06406	SBM ALUM SHEET SIGNS .080 IN	6.00	SQFT
0565	06407	SBM ALUM SHEET SIGNS .125 IN	52.00	SQFT
0570	06410	STEEL POST TYPE 1	22.00	LF
0575	06411	STEEL POST TYPE 2	44.00	LF
0580	06412	STEEL POST MILE MARKERS	2.00	EACH
0585	06441	GMSS GALV STEEL TYPE C	378.00	LB
0590	06451	REMOVE SIGN SUPPORT BEAM	2.00	EACH
0595	06490	CLASS A CONCRETE FOR SIGNS	1.60	CUYD
0600	06491	STEEL REINFORCEMENT FOR SIGNS	114.00	LB
0605	06542	PAVE STRIPING-THERMO-6 IN W	9,207.00	LF
0610	06543	PAVE STRIPING-THERMO-6 IN Y	7,059.00	LF
0615	06613	INLAID PAVEMENT MARKER-B W/R	112.00	EACH
0620	21373ND	REMOVE SIGN	6.00	EACH
0625	21596ND	GMSS TYPE D	2.00	EACH
0630	24631EC	BARCODE SIGN INVENTORY	7.00	EACH
0635	02568	MOBILIZATION	1.00	LS
0640	02569	DEMOBILIZATION	1.00	LS

**CONTRACT ID: 241316**

**NHPP IM 0712 (082)**

**DE03900712416**

LOUISVILLE-CINCINNATI ROAD (I-71) FROM THE CARROLL COUNTY LINE EXTENDING NORTHEASTERLY TO MP 57.364 WIDENING, A DISTANCE OF 3.15 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0645	00001	DGA BASE	26,364.00	TON

# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0650	00008	CEMENT STABILIZED ROADBED	74,601.00	SQYD
0655	00018	DRAINAGE BLANKET-TYPE II-ASPH	39,325.00	TON
0660	00100	ASPHALT SEAL AGGREGATE	440.00	TON
0665	00103	ASPHALT SEAL COAT	53.00	TON
0670	00190	LEVELING & WEDGING PG64-22	20,967.00	TON
0675	00214	CL3 ASPH BASE 1.00D PG64-22	32,580.00	TON
0680	00217	CL4 ASPH BASE 1.00D PG64-22	86,151.00	TON
0685	00219	CL4 ASPH BASE 1.00D PG76-22	27,728.00	TON
0690	00339	CL3 ASPH SURF 0.38D PG64-22	10,327.00	TON
0695	00342	CL4 ASPH SURF 0.38A PG76-22	16,108.00	TON
0700	00358	ASPHALT CURING SEAL	190.00	TON
0705	02107	BREAKING AND SEATING PAVEMENT	87,601.00	SQYD
0710	02542	CEMENT	1,642.00	TON
0715	02677	ASPHALT PAVE MILLING & TEXTURING	47,704.00	TON
0720	02702	SAND FOR BLOTTER	528.00	TON
0725	20071EC	JOINT ADHESIVE	137,808.00	LF
0730	21289ED	LONGITUDINAL EDGE KEY	1,170.00	LF
0735	24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT	8,447,031.00	SF
0740	24969ED	LONGITUDINAL SAW CUT	32,807.00	LF
0745	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	300.00	TON
0750	00078	CRUSHED AGGREGATE SIZE NO 2	18,385.00	TON
0755	01000	PERFORATED PIPE-4 IN	34,084.00	LF
0760	01001	PERFORATED PIPE-6 IN	16,708.00	LF
0765	01010	NON-PERFORATED PIPE-4 IN	896.00	LF
0770	01011	NON-PERFORATED PIPE-6 IN	30.00	LF
0775	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM - (GALLATIN COUNTY)	1.00	LS
0780	01020	PERF PIPE HEADWALL TY 1-4 IN	17.00	EACH
0785	01024	PERF PIPE HEADWALL TY 2-4 IN	11.00	EACH
0790	01028	PERF PIPE HEADWALL TY 3-4 IN	20.00	EACH
0795	01029	PERF PIPE HEADWALL TY 3-6 IN	1.00	EACH
0800	01032	PERF PIPE HEADWALL TY 4-4 IN	34.00	EACH
0805	01033	PERF PIPE HEADWALL TY 4-6 IN	2.00	EACH
0810	01690	FLUME INLET TYPE 1	5.00	EACH
0815	01691	FLUME INLET TYPE 2	13.00	EACH
0820	01741	CORED HOLE DRAINAGE BOX CON-6 IN	35.00	EACH
0825	01978	CONC MEDIAN BARRIER TYPE A TL5 56 IN (REV 11-13-24)	15,890.00	LF
0830	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	201.00	EACH
0835	01984	DELINEATOR FOR BARRIER - WHITE	4.00	EACH
0840	01985	DELINEATOR FOR BARRIER - YELLOW	1,517.00	EACH
0845	02003	RELOCATE TEMP CONC BARRIER	49,644.00	LF
0850	02014	BARRICADE-TYPE III	6.00	EACH
0855	02159	TEMP DITCH	8,309.00	LF
0860	02160	CLEAN TEMP DITCH	4,154.00	LF
0865	02165	REMOVE PAVED DITCH	2,364.00	SQYD
0870	02200	ROADWAY EXCAVATION	92,343.00	CUYD
0875	02237	DITCHING	16,616.00	LF
0880	02242	WATER	400.00	MGAL
0885	02367	GUARDRAIL END TREATMENT TYPE 1	11.00	EACH
0890	02369	GUARDRAIL END TREATMENT TYPE 2A	10.00	EACH

# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0895	02381	REMOVE GUARDRAIL	13,773.00	LF
0900	02483	CHANNEL LINING CLASS II	3,618.00	TON
0905	02484	CHANNEL LINING CLASS III	3,659.00	TON
0910	02545	CLEARING AND GRUBBING - (GALLATIN COUNTY)	1.00	LS
0915	02562	TEMPORARY SIGNS	6,838.00	SQFT
0920	02603	FABRIC-GEOTEXTILE CLASS 2	9,427.00	SQYD
0925	02650	MAINTAIN & CONTROL TRAFFIC - (GALLATIN COUNTY)	1.00	LS
0930	02671	PORTABLE CHANGEABLE MESSAGE SIGN	12.00	EACH
0935	02676	MOBILIZATION FOR MILL & TEXT - (GALLATIN COUNTY)	1.00	LS
0940	02701	TEMP SILT FENCE	8,309.00	LF
0945	02703	SILT TRAP TYPE A	45.00	EACH
0950	02704	SILT TRAP TYPE B	45.00	EACH
0955	02705	SILT TRAP TYPE C	45.00	EACH
0960	02706	CLEAN SILT TRAP TYPE A	45.00	EACH
0965	02707	CLEAN SILT TRAP TYPE B	45.00	EACH
0970	02708	CLEAN SILT TRAP TYPE C	45.00	EACH
0975	02711	SEDIMENTATION BASIN	4,649.00	CUYD
0980	02712	CLEAN SEDIMENTATION BASIN	4,649.00	CUYD
0985	02726	STAKING - (GALLATIN COUNTY)	1.00	LS
0990	02731	REMOVE STRUCTURE - (GALLATIN COUNTY)	1.00	LS
0995	02775	ARROW PANEL	6.00	EACH
1000	02898	RELOCATE CRASH CUSHION	12.00	EACH
1005	03171	CONCRETE BARRIER WALL TYPE 9T	36,414.00	LF
1010	05950	EROSION CONTROL BLANKET	9,836.00	SQYD
1015	05952	TEMP MULCH	433,183.00	SQYD
1020	05953	TEMP SEEDING AND PROTECTION (REV 11-13-24)	69,250.00	SQYD
1025	05963	INITIAL FERTILIZER (REV 11-13-24)	3.00	TON
1030	05964	MAINTENANCE FERTILIZER (REV 11-13-24)	5.00	TON
1035	05985	SEEDING AND PROTECTION (REV 11-13-24)	69,250.00	SQYD
1040	05992	AGRICULTURAL LIMESTONE	403.00	TON
1045	06401	FLEXIBLE DELINEATOR POST-M/W	378.00	EACH
1050	06404	FLEXIBLE DELINEATOR POST-M/Y	160.00	EACH
1055	06511	PAVE STRIPING-TEMP PAINT-6 IN	266,671.00	LF
1060	06550	PAVE STRIPING-TEMP REM TAPE-W	4,771.00	LF
1065	06551	PAVE STRIPING-TEMP REM TAPE-Y	2,537.00	LF
1070	06585	PAVEMENT MARKER TY IVA-MW TEMP	502.00	EACH
1075	06586	PAVEMENT MARKER TY IVA-MY TEMP	329.00	EACH
1080	08100	CONCRETE-CLASS A	63.11	CUYD
1085	08150	STEEL REINFORCEMENT	4,725.00	LB
1090	08903	CRASH CUSHION TY VI CLASS BT TL3	5.00	EACH
1095	10020NS	FUEL ADJUSTMENT	398,728.00	DOLL
1100	10030NS	ASPHALT ADJUSTMENT	745,524.00	DOLL
1105	20191ED	OBJECT MARKER TY 3	11.00	EACH
1110	20362ES403	SHOULDER RUMBLE STRIPS-SAWED	90,317.00	LF
1115	20411ED	LAW ENFORCEMENT OFFICER	1,500.00	hour
1120	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-1)	1.00	LS
1125	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-2)	1.00	LS
1130	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-3)	1.00	LS
1135	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-4)	1.00	LS
1140	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-5)	1.00	LS



# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1145	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-6)	1.00	LS
1150	20465EC	CLEAN CULVERT - (GALLATIN COUNTY-7)	1.00	LS
1155	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	15,362.50	LF
1160	22664EN	WATER BLASTING EXISTING STRIPE	117,325.00	LF
1165	22880ED	BARRIER WALL TRANSITION	25.00	LF
1170	22880ED	BARRIER WALL TRANSITION	50.00	LF
1175	22883EN	CONCRETE WEDGE CURB	7,558.00	LF
1180	23143ED	KPDES PERMIT AND TEMP EROSION CONTROL - (GALLATIN COUNTY)	1.00	LS
1185	23378EC	CONCRETE SEALING	166,214.00	SQFT
1190	24255EC	REMOVE CABLE GUARDRAIL BARRIER SYSTEM	15,163.00	LF
1195	24640ED	OBJECT MARKER TYPE 1	5.00	EACH
1200	24814EC	PIPELINE INSPECTION	5,131.00	LF
1205	25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	4.00	EACH
1210	26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM	14.00	MONT
1215	26137EC	QUEUE WARNING PCMS	85.00	MONT
1220	26138EC	QUEUE WARNING PORTABLE RADAR SENSORS	85.00	MONT
1225	26228EC	ELECTRONIC DELIVERY MGMT SYSTEM - (GALLATIN COUNTY)	1.00	LS
1230	00462	CULVERT PIPE-18 IN	405.00	LF
1235	00464	CULVERT PIPE-24 IN	111.00	LF
1240	00521	STORM SEWER PIPE-15 IN	1,024.00	LF
1245	00522	STORM SEWER PIPE-18 IN	12.00	LF
1250	00524	STORM SEWER PIPE-24 IN	16.00	LF
1255	00528	STORM SEWER PIPE-36 IN	21.00	LF
1260	01204	PIPE CULVERT HEADWALL-18 IN	7.00	EACH
1265	01208	PIPE CULVERT HEADWALL-24 IN	8.00	EACH
1270	01451	S & F BOX INLET-OUTLET-24 IN	1.00	EACH
1275	01623	CONC MED BARR BOX INLET TY B1 TL5 56	2.00	EACH
1280	01624	CONC MED BARR BOX INLET TY B2 TL5 56	25.00	EACH
1285	01626	CONC MED BARR BOX INLET TY A2 TL5 56	4.00	EACH
1290	01644	JUNCTION BOX-30 IN	1.00	EACH
1295	01648	JUNCTION BOX-54 IN	1.00	EACH
1300	02010	ADJUST MEDIAN BOX	3.00	EACH
1305	02484	CHANNEL LINING CLASS III	313.00	TON
1310	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	4,822.00	SQYD
1315	20098NC	CAP BOX INLET	2.00	EACH
1320	21541NN	CORED HOLE DRAINAGE BOX CON- 18 IN	1.00	EACH
1325	22415EN	CONCRETE-CLASS A FOR PAD	3.00	SQYD
1330	23126EN	BORE AND JACK PIPE-18 IN	45.00	LF
1335	23822EC	CORED HOLE DRAINAGE BOX CON-15 IN	2.00	EACH
1340	24862EC	PVC FOLD AND FORM PIPE LINER-18 IN	1,422.00	LF
1345	24863EC	PVC FOLD AND FORM PIPE LINER-24 IN	1,434.00	LF
1350	24865EC	PVC FOLD AND FORM PIPE LINER-36 IN	873.00	LF
1355	01979	CONC MEDIAN BARRIER TYPE B TL5 56 IN	189.00	LF
1360	02231	STRUCTURE GRANULAR BACKFILL	765.00	CUYD
1365	03299	ARMORED EDGE FOR CONCRETE	777.00	LF
1370	04810	ELECTRICAL JUNCTION BOX	4.00	EACH
1375	08002	STRUCTURE EXCAV-SOLID ROCK	29.00	CUYD
1380	08003	FOUNDATION PREPARATION	1.00	LS
1385	08020	CRUSHED AGGREGATE SLOPE PROT	851.00	TON

# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1390	08033	TEST PILES	137.00	LF
1395	08039	PRE-DRILLING FOR PILES	160.00	LF
1400	08046	PILES-STEEL HP12X53	705.00	LF
1405	08094	PILE POINTS-12 IN	32.00	EACH
1410	08100	CONCRETE-CLASS A	122.90	CUYD
1415	08104	CONCRETE-CLASS AA	756.40	CUYD
1420	08151	STEEL REINFORCEMENT-EPOXY COATED	141,787.00	LB
1425	08160	STRUCTURAL STEEL - -	1.00	LS
1430	08500	APPROACH SLAB	718.00	SQYD
1435	08637	PRECAST PC I BEAM TYPE 7	2,176.00	LF
1440	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH
1445	23378EC	CONCRETE SEALING	32,514.00	SQFT
1450	24902EC	PVC CONDUIT-3 IN-SCHEDULE 80	400.00	LF
1455	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	377.00	LF
1460	06400	GMSS GALV STEEL TYPE A	11,190.00	LB
1465	06405	SBM ALUMINUM PANEL SIGNS	5,853.00	SQFT
1470	06406	SBM ALUM SHEET SIGNS .080 IN	119.00	SQFT
1475	06407	SBM ALUM SHEET SIGNS .125 IN	1,130.00	SQFT
1480	06410	STEEL POST TYPE 1	903.00	LF
1485	06411	STEEL POST TYPE 2	294.00	LF
1490	06412	STEEL POST MILE MARKERS	6.00	EACH
1495	06441	GMSS GALV STEEL TYPE C	6,006.00	LB
1500	06449	REM OVERHEAD SIGN SUPPORT STR	1.00	EACH
1505	06450	REM OVERHEAD STRUC CONC BASE	1.00	EACH
1510	06451	REMOVE SIGN SUPPORT BEAM	24.00	EACH
1515	06490	CLASS A CONCRETE FOR SIGNS	65.40	CUYD
1520	06491	STEEL REINFORCEMENT FOR SIGNS	880.00	LB
1525	06542	PAVE STRIPING-THERMO-6 IN W	75,680.00	LF
1530	06543	PAVE STRIPING-THERMO-6 IN Y	53,179.00	LF
1535	06546	PAVE STRIPING-THERMO-12 IN W	8,496.00	LF
1540	06556	PAVE STRIPING-DUR TY 1-6 IN W	1,484.00	LF
1545	06557	PAVE STRIPING-DUR TY 1-6 IN Y	1,083.00	LF
1550	06568	PAVE MARKING-THERMO STOP BAR-24IN	190.00	LF
1555	06574	PAVE MARKING-THERMO CURV ARROW	38.00	EACH
1560	06578	PAVE MARKING-THERMO MERGE ARROW	13.00	EACH
1565	06610	INLAID PAVEMENT MARKER-MW	61.00	EACH
1570	06612	INLAID PAVEMENT MARKER-BY	81.00	EACH
1575	06613	INLAID PAVEMENT MARKER-B W/R	2,239.00	EACH
1580	06614	INLAID PAVEMENT MARKER-B Y/R	115.00	EACH
1585	20194ED	REMOVE & RESET TRAFFIC SIGN	3.00	EACH
1590	20418ED	REMOVE & RELOCATE SIGNS	8.00	EACH
1595	20912ND	BARRIER WALL POST	3.00	EACH
1600	21373ND	REMOVE SIGN	87.00	EACH
1605	21596ND	GMSS TYPE D	72.00	EACH
1610	24631EC	BARCODE SIGN INVENTORY	136.00	EACH
1615	24679ED	PAVE MARK THERMO CHEVRON	6,621.00	SQFT
1620	24689EC	PAVE MARK THERMO-WRONG WAY ARROW	9.00	EACH
1625	26155EC	PAVE MARK-THERMO POLY MOD LANE USE ARROW	4.00	EACH
1630	04793	CONDUIT-1 1/4 IN	160.00	LF
1635	04795	CONDUIT-2 IN	40.00	LF

# MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1640	04820	TRENCHING AND BACKFILLING	180.00	LF
1645	04829	PIEZOELECTRIC SENSOR	12.00	EACH
1650	04830	LOOP WIRE	5,300.00	LF
1655	04895	LOOP SAW SLOT AND FILL	1,200.00	LF
1660	20359NN	GALVANIZED STEEL CABINET	4.00	EACH
1665	20360ES818	WOOD POST	8.00	EACH
1670	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH
1675	02568	MOBILIZATION	1.00	LS
1680	02569	DEMOBILIZATION	1.00	LS
1685	02742	TRAINEE PAYMENT REIMBURSEMENT - GROUP 2, 3, 4 OPERATOR	1,400.00	HOUR

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**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	31,430.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	95,557.00	SQYD		\$	
0030	00018		DRAINAGE BLANKET-TYPE II-ASPH	46,617.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	460.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	55.00	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	23,404.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	37,508.00	TON		\$	
0080	00217		CL4 ASPH BASE 1.00D PG64-22	97,894.00	TON		\$	
0090	00219		CL4 ASPH BASE 1.00D PG76-22	31,043.00	TON		\$	
0100	00339		CL3 ASPH SURF 0.38D PG64-22	11,614.00	TON		\$	
0110	00342		CL4 ASPH SURF 0.38A PG76-22	18,416.00	TON		\$	
0120	00358		ASPHALT CURING SEAL	228.00	TON		\$	
0130	02107		BREAKING AND SEATING PAVEMENT	93,566.00	SQYD		\$	
0140	02542		CEMENT	2,103.00	TON		\$	
0150	02677		ASPHALT PAVE MILLING & TEXTURING	51,634.00	TON		\$	
0160	02702		SAND FOR BLOTTER	633.00	TON		\$	
0170	20071EC		JOINT ADHESIVE	158,558.00	LF		\$	
0180	21289ED		LONGITUDINAL EDGE KEY	5,220.00	LF		\$	
0190	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	9,470,655.00	SF		\$	
0200	24969ED		LONGITUDINAL SAW CUT	39,094.00	LF		\$	
0210	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	338.00	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0220	00078		CRUSHED AGGREGATE SIZE NO 2	18,391.00	TON		\$	
0230	01000		PERFORATED PIPE-4 IN	36,353.00	LF		\$	
0240	01001		PERFORATED PIPE-6 IN	19,920.00	LF		\$	
0250	01010		NON-PERFORATED PIPE-4 IN	946.00	LF		\$	
0260	01011		NON-PERFORATED PIPE-6 IN	40.00	LF		\$	
0270	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM (CARROLL COUNTY)	1.00	LS		\$	
0280	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM (GALLATIN COUNTY)	1.00	LS		\$	
0290	01020		PERF PIPE HEADWALL TY 1-4 IN	20.00	EACH		\$	
0300	01024		PERF PIPE HEADWALL TY 2-4 IN	11.00	EACH		\$	
0310	01025		PERF PIPE HEADWALL TY 2-6 IN	1.00	EACH		\$	
0320	01028		PERF PIPE HEADWALL TY 3-4 IN	21.00	EACH		\$	
0330	01029		PERF PIPE HEADWALL TY 3-6 IN	1.00	EACH		\$	
0340	01032		PERF PIPE HEADWALL TY 4-4 IN	35.00	EACH		\$	
0350	01033		PERF PIPE HEADWALL TY 4-6 IN	2.00	EACH		\$	
0360	01690		FLUME INLET TYPE 1	5.00	EACH		\$	
0370	01691		FLUME INLET TYPE 2	13.00	EACH		\$	
0380	01741		CORED HOLE DRAINAGE BOX CON-6 IN	44.00	EACH		\$	
0390	01978		CONC MEDIAN BARRIER TYPE A TL5 56 IN (REV 11-13-24)	18,879.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	217.00	EACH		\$	
0410	01984		DELINEATOR FOR BARRIER - WHITE	4.00	EACH		\$	
0420	01985		DELINEATOR FOR BARRIER - YELLOW	1,806.00	EACH		\$	
0430	02003		RELOCATE TEMP CONC BARRIER	59,100.00	LF		\$	
0440	02014		BARRICADE-TYPE III	7.00	EACH		\$	
0450	02159		TEMP DITCH	9,890.00	LF		\$	
0460	02160		CLEAN TEMP DITCH	4,944.00	LF		\$	
0470	02165		REMOVE PAVED DITCH	3,111.00	SQYD		\$	
0480	02200		ROADWAY EXCAVATION	102,567.00	CUYD		\$	
0490	02237		DITCHING	17,335.00	LF		\$	
0500	02242		WATER	500.00	MGAL		\$	
0510	02367		GUARDRAIL END TREATMENT TYPE 1	12.00	EACH		\$	
0520	02369		GUARDRAIL END TREATMENT TYPE 2A	12.00	EACH		\$	
0530	02381		REMOVE GUARDRAIL	15,525.00	LF		\$	
0540	02483		CHANNEL LINING CLASS II	3,677.00	TON		\$	
0550	02484		CHANNEL LINING CLASS III	4,780.00	TON		\$	
0560	02545		CLEARING AND GRUBBING (CARROLL COUNTY)	1.00	LS		\$	
0570	02545		CLEARING AND GRUBBING (GALLATIN COUNTY)	1.00	LS		\$	
0580	02562		TEMPORARY SIGNS	8,140.00	SQFT		\$	
0590	02603		FABRIC-GEOTEXTILE CLASS 2	10,640.00	SQYD		\$	
0600	02650		MAINTAIN & CONTROL TRAFFIC (CARROLL COUNTY)	1.00	LS		\$	
0610	02650		MAINTAIN & CONTROL TRAFFIC (GALLATIN COUNTY)	1.00	LS		\$	
0620	02671		PORTABLE CHANGEABLE MESSAGE SIGN	14.00	EACH		\$	
0630	02676		MOBILIZATION FOR MILL & TEXT (CARROLL COUNTY)	1.00	LS		\$	
0640	02676		MOBILIZATION FOR MILL & TEXT (GALLATIN COUNTY)	1.00	LS		\$	
0650	02701		TEMP SILT FENCE	9,890.00	LF		\$	
0660	02703		SILT TRAP TYPE A	51.00	EACH		\$	
0670	02704		SILT TRAP TYPE B	51.00	EACH		\$	
0680	02705		SILT TRAP TYPE C	51.00	EACH		\$	
0690	02706		CLEAN SILT TRAP TYPE A	51.00	EACH		\$	
0700	02707		CLEAN SILT TRAP TYPE B	51.00	EACH		\$	
0710	02708		CLEAN SILT TRAP TYPE C	51.00	EACH		\$	
0720	02711		SEDIMENTATION BASIN	4,649.00	CUYD		\$	
0730	02712		CLEAN SEDIMENTATION BASIN	4,649.00	CUYD		\$	
0740	02726		STAKING (CARROLL COUNTY)	1.00	LS		\$	
0750	02726		STAKING (GALLATIN COUNTY)	1.00	LS		\$	
0760	02731		REMOVE STRUCTURE (GALLATIN COUNTY)	1.00	LS		\$	
0770	02775		ARROW PANEL	8.00	EACH		\$	
0780	02898		RELOCATE CRASH CUSHION	14.00	EACH		\$	
0790	03171		CONCRETE BARRIER WALL TYPE 9T	43,350.00	LF		\$	
0800	05950		EROSION CONTROL BLANKET	10,658.00	SQYD		\$	
0810	05952		TEMP MULCH	484,942.00	SQYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	05953		TEMP SEEDING AND PROTECTION (REV 11-13-24)	73,833.00	SQYD		\$	
0830	05963		INITIAL FERTILIZER (REV 11-13-24)	4.00	TON		\$	
0840	05964		MAINTENANCE FERTILIZER (REV 11-13-24)	6.00	TON		\$	
0850	05985		SEEDING AND PROTECTION (REV 11-13-24)	73,833.00	SQYD		\$	
0860	05992		AGRICULTURAL LIMESTONE	452.00	TON		\$	
0870	06401		FLEXIBLE DELINEATOR POST-M/W	378.00	EACH		\$	
0880	06404		FLEXIBLE DELINEATOR POST-M/Y	160.00	EACH		\$	
0890	06511		PAVE STRIPING-TEMP PAINT-6 IN	317,465.00	LF		\$	
0900	06550		PAVE STRIPING-TEMP REM TAPE-W	5,680.00	LF		\$	
0910	06551		PAVE STRIPING-TEMP REM TAPE-Y	3,020.00	LF		\$	
0920	06585		PAVEMENT MARKER TY IVA-MW TEMP	598.00	EACH		\$	
0930	06586		PAVEMENT MARKER TY IVA-MY TEMP	392.00	EACH		\$	
0940	08100		CONCRETE-CLASS A	64.79	CUYD		\$	
0950	08150		STEEL REINFORCEMENT	4,725.00	LB		\$	
0960	08903		CRASH CUSHION TY VI CLASS BT TL3	6.00	EACH		\$	
0970	10020NS		FUEL ADJUSTMENT	459,649.00	DOLL	\$1.00	\$	\$459,649.00
0980	10030NS		ASPHALT ADJUSTMENT	859,432.00	DOLL	\$1.00	\$	\$859,432.00
0990	20191ED		OBJECT MARKER TY 3	12.00	EACH		\$	
1000	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	104,152.00	LF		\$	
1010	20411ED		LAW ENFORCEMENT OFFICER	1,500.00	HOURL		\$	
1020	20465EC		CLEAN CULVERT (GALLATIN COUNTY-1)	1.00	LS		\$	
1030	20465EC		CLEAN CULVERT (GALLATIN COUNTY-2)	1.00	LS		\$	
1040	20465EC		CLEAN CULVERT (GALLATIN COUNTY-3)	1.00	LS		\$	
1050	20465EC		CLEAN CULVERT (GALLATIN COUNTY-4)	1.00	LS		\$	
1060	20465EC		CLEAN CULVERT (GALLATIN COUNTY-5)	1.00	LS		\$	
1070	20465EC		CLEAN CULVERT (GALLATIN COUNTY-6)	1.00	LS		\$	
1080	20465EC		CLEAN CULVERT (GALLATIN COUNTY-7)	1.00	LS		\$	
1090	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	16,900.00	LF		\$	
1100	22664EN		WATER BLASTING EXISTING STRIPE	139,673.00	LF		\$	
1110	22880ED		BARRIER WALL TRANSITION	75.00	LF		\$	
1120	22883EN		CONCRETE WEDGE CURB	8,690.00	LF		\$	
1130	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL (CARROLL COUNTY)	1.00	LS		\$	
1140	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL (GALLATIN COUNTY)	1.00	LS		\$	
1150	23148EN		END ANCHORS	1.00	EACH		\$	
1160	23378EC		CONCRETE SEALING	197,081.00	SQFT		\$	
1170	24255EC		REMOVE CABLE GUARDRAIL BARRIER SYSTEM	18,293.00	LF		\$	
1180	24640ED		OBJECT MARKER TYPE 1	6.00	EACH		\$	
1190	24707ED		CABLE BARRIER SYSTEM REMOVE & RESTORE (CARROLL COUNTY)	1.00	LS		\$	
1200	24814EC		PIPELINE INSPECTION	6,223.00	LF		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1210	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	4.00	EACH		\$	
1220	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	17.00	MONT		\$	
1230	26137EC		QUEUE WARNING PCMS	102.00	MONT		\$	
1240	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	102.00	MONT		\$	
1250	26228EC		ELECTRONIC DELIVERY MGMT SYSTEM (CARROLL COUNTY)	1.00	LS		\$	
1260	26228EC		ELECTRONIC DELIVERY MGMT SYSTEM (GALLATIN COUNTY)	1.00	LS		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1270	00462		CULVERT PIPE-18 IN	409.00	LF		\$	
1280	00464		CULVERT PIPE-24 IN	160.00	LF		\$	
1290	00521		STORM SEWER PIPE-15 IN	1,572.00	LF		\$	
1300	00522		STORM SEWER PIPE-18 IN	21.00	LF		\$	
1310	00524		STORM SEWER PIPE-24 IN	60.00	LF		\$	
1320	00528		STORM SEWER PIPE-36 IN	21.00	LF		\$	
1330	01204		PIPE CULVERT HEADWALL-18 IN	7.00	EACH		\$	
1340	01208		PIPE CULVERT HEADWALL-24 IN	10.00	EACH		\$	
1350	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
1360	01502		DROP BOX INLET TYPE 5A	1.00	EACH		\$	
1370	01623		CONC MED BARR BOX INLET TY B1 TL5 56	2.00	EACH		\$	
1380	01624		CONC MED BARR BOX INLET TY B2 TL5 56	31.00	EACH		\$	
1390	01626		CONC MED BARR BOX INLET TY A2 TL5 56	4.00	EACH		\$	
1400	01644		JUNCTION BOX-30 IN	2.00	EACH		\$	
1410	01648		JUNCTION BOX-54 IN	1.00	EACH		\$	
1420	02010		ADJUST MEDIAN BOX	3.00	EACH		\$	
1430	02484		CHANNEL LINING CLASS III	371.00	TON		\$	
1440	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	6,781.00	SQYD	\$2.00	\$	\$13,562.00
1450	20098NC		CAP BOX INLET	2.00	EACH		\$	
1460	21541NN		CORED HOLE DRAINAGE BOX CON- 18 IN	1.00	EACH		\$	
1470	22415EN		CONCRETE-CLASS A FOR PAD	3.00	SQYD		\$	
1480	23126EN		BORE AND JACK PIPE-18 IN	45.00	LF		\$	
1490	23822EC		CORED HOLE DRAINAGE BOX CON-15 IN	2.00	EACH		\$	
1500	24862EC		PVC FOLD AND FORM PIPE LINER-18 IN	1,731.00	LF		\$	
1510	24863EC		PVC FOLD AND FORM PIPE LINER-24 IN	1,761.00	LF		\$	
1520	24865EC		PVC FOLD AND FORM PIPE LINER-36 IN	873.00	LF		\$	

**Section: 0004 - BRIDGE - KY47**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1530	01979		CONC MEDIAN BARRIER TYPE B TL5 56 IN	189.00	LF		\$	
1540	02231		STRUCTURE GRANULAR BACKFILL	765.00	CUYD		\$	
1550	03299		ARMORED EDGE FOR CONCRETE	777.00	LF		\$	
1560	04810		ELECTRICAL JUNCTION BOX	4.00	EACH		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1570	08002		STRUCTURE EXCAV-SOLID ROCK	29.00	CUYD		\$	
1580	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1590	08020		CRUSHED AGGREGATE SLOPE PROT	851.00	TON		\$	
1600	08033		TEST PILES	137.00	LF		\$	
1610	08039		PRE-DRILLING FOR PILES	160.00	LF		\$	
1620	08046		PILES-STEEL HP12X53	705.00	LF		\$	
1630	08094		PILE POINTS-12 IN	32.00	EACH		\$	
1640	08100		CONCRETE-CLASS A	122.90	CUYD		\$	
1650	08104		CONCRETE-CLASS AA	756.40	CUYD		\$	
1660	08151		STEEL REINFORCEMENT-EPOXY COATED	141,787.00	LB		\$	
1670	08160		STRUCTURAL STEEL -	1.00	LS		\$	
1680	08500		APPROACH SLAB	718.00	SQYD		\$	
1690	08637		PRECAST PC I BEAM TYPE 7	2,176.00	LF		\$	
1700	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	
1710	23378EC		CONCRETE SEALING	32,514.00	SQFT		\$	
1720	24902EC		PVC CONDUIT-3 IN-SCHEDULE 80	400.00	LF		\$	
1730	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	377.00	LF		\$	

**Section: 0005 - SIGNING & STRIPING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1740	06400		GMSS GALV STEEL TYPE A	11,190.00	LB		\$	
1750	06405		SBM ALUMINUM PANEL SIGNS	5,887.00	SQFT		\$	
1760	06406		SBM ALUM SHEET SIGNS .080 IN	125.00	SQFT		\$	
1770	06407		SBM ALUM SHEET SIGNS .125 IN	1,182.00	SQFT		\$	
1780	06410		STEEL POST TYPE 1	925.00	LF		\$	
1790	06411		STEEL POST TYPE 2	338.00	LF		\$	
1800	06412		STEEL POST MILE MARKERS	8.00	EACH		\$	
1810	06441		GMSS GALV STEEL TYPE C	6,384.00	LB		\$	
1820	06449		REM OVERHEAD SIGN SUPPORT STR	1.00	EACH		\$	
1830	06450		REM OVERHEAD STRUC CONC BASE	1.00	EACH		\$	
1840	06451		REMOVE SIGN SUPPORT BEAM	26.00	EACH		\$	
1850	06490		CLASS A CONCRETE FOR SIGNS	67.00	CUYD		\$	
1860	06491		STEEL REINFORCEMENT FOR SIGNS	994.00	LB		\$	
1870	06542		PAVE STRIPING-THERMO-6 IN W	84,887.00	LF		\$	
1880	06543		PAVE STRIPING-THERMO-6 IN Y	60,238.00	LF		\$	
1890	06546		PAVE STRIPING-THERMO-12 IN W	8,496.00	LF		\$	
1900	06556		PAVE STRIPING-DUR TY 1-6 IN W	1,484.00	LF		\$	
1910	06557		PAVE STRIPING-DUR TY 1-6 IN Y	1,083.00	LF		\$	
1920	06568		PAVE MARKING-THERMO STOP BAR-24IN	190.00	LF		\$	
1930	06574		PAVE MARKING-THERMO CURV ARROW	38.00	EACH		\$	
1940	06578		PAVE MARKING-THERMO MERGE ARROW	13.00	EACH		\$	
1950	06610		INLAID PAVEMENT MARKER-MW	61.00	EACH		\$	
1960	06612		INLAID PAVEMENT MARKER-BY	81.00	EACH		\$	
1970	06613		INLAID PAVEMENT MARKER-B W/R	2,351.00	EACH		\$	
1980	06614		INLAID PAVEMENT MARKER-B Y/R	115.00	EACH		\$	
1990	20194ED		REMOVE & RESET TRAFFIC SIGN	3.00	EACH		\$	
2000	20418ED		REMOVE & RELOCATE SIGNS	8.00	EACH		\$	



**PROPOSAL BID ITEMS**

241316

Page 6 of 6

Report Date 11/13/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2010	20912ND		BARRIER WALL POST	3.00	EACH		\$	
2020	21373ND		REMOVE SIGN	93.00	EACH		\$	
2030	21596ND		GMSS TYPE D	74.00	EACH		\$	
2040	24631EC		BARCODE SIGN INVENTORY	143.00	EACH		\$	
2050	24679ED		PAVE MARK THERMO CHEVRON	6,621.00	SQFT		\$	
2060	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	9.00	EACH		\$	
2070	26155EC		PAVE MARK-THERMO POLY MOD LANE USE ARROW	4.00	EACH		\$	

**Section: 0006 - TRAFFIC LOOPS**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2080	04793		CONDUIT-1 1/4 IN	160.00	LF		\$	
2090	04795		CONDUIT-2 IN	40.00	LF		\$	
2100	04820		TRENCHING AND BACKFILLING	180.00	LF		\$	
2110	04829		PIEZOELECTRIC SENSOR	12.00	EACH		\$	
2120	04830		LOOP WIRE	5,300.00	LF		\$	
2130	04895		LOOP SAW SLOT AND FILL	1,200.00	LF		\$	
2140	20359NN		GALVANIZED STEEL CABINET	4.00	EACH		\$	
2150	20360ES818		WOOD POST	8.00	EACH		\$	
2160	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	

**Section: 0007 - TRAINEES**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2170	02742		TRAINEE PAYMENT REIMBURSEMENT GROUP 2, 3, 4 OPERATOR	1,400.00	HOUR		\$	

**Section: 0008 - MOBILIZATION/DEMOBILIZATION**

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

# TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

## GALLATIN COUNTY

### LOUISVILLE - COVINGTON ROAD

### WIDEN I-71 OVER KY 47

### STA 2595+90.78

#### INDEX OF SHEETS

Sheet No.	Title	Description
S01	TITLE SHEET	
S02	GENERAL NOTES	
S03-S04	LAYOUT	
S05	PHASE CONSTRUCTION	
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S07	LOGS OF BORING	
S08	FOUNDATION LAYOUT	
S09-S10	INTEGRAL END BENT 1	
S11-S12	INTEGRAL END BENT 2	
S13	FRAMING PLAN	
S14	PPC I-BEAM, 72", DETAILS	
S15-S18	SUPERSTRUCTURE	
S19-S20	CONSTRUCTION ELEVATIONS	
S21	APPROACH SLAB	

#### SPECIAL NOTES

Concrete Sealing

#### SPECIAL PROVISIONS

69 Embankment at Bridge End Bent Structures

#### STANDARD DRAWINGS

BGX-006-10	Stencils for Structures
BGX-012-02	Geotechnical Legend
BGX-015-04	Bridge Drains
BGX-017-03	Approach Slab
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BGX-021	Junction Box Type-A
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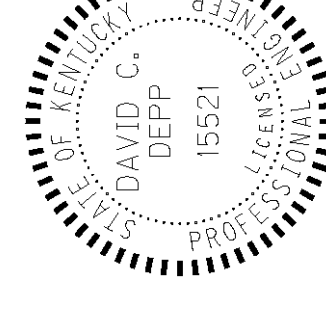
#### ACTIVE SEPIAS

SEPIA 042 Concrete Barrier Walls Complete PDF Packet

#### SPECIFICATIONS

2019 Standard Specifications for Road and Bridge Construction

2020 (9th Edition) AASHTO LRFD Bridge Design Specifications



#### ESTIMATE OF QUANTITIES

BID ITEM CODE	01979	02231	03299	08002	08003	08020	08033	08039	08046	08094	08100	08104	08151	08160	08500	08637	23378CD	5028ED	4902EC	2039	INS835	04810
	CONC MEDIAN BARRIER TYPE B TL5 56 IN	STRUCTURE GRANULAR BACKFILL	ARMORED EDGE FOR CONCRETE	STRUCTURE EXCAVATION SOLID ROCK	FOUNDATION PREPARATION	CRUSHED AGGREGATE SLOPE PROTECTION	TEST PILES	PRE-DRILLING FOR PILES	PILES - STEEL HP 12 x 53	PILE POINTS 12 INCH	CONCRETE CLASS A	CONCRETE CLASS AA	STEEL REINFORCEMENT EPOXY COATED	STRUCTURAL STEEL	APPROACH SLAB	PRECAST PC I-BEAM TYPE 7	CONCRETE SEALING	RAILING SYSTEM 40 INCH SINGLE SLOPE	PVC CONDUIT 3 IN SCHEDULE 80	ELECTRICAL JUNCTION BOX TYPE A	ELECTRICAL JUNCTION BOX	
	189	389	777	29	1	424	137	160	513	32	67.4	13.4	8907	1	718	2176	623	377	400	4	4	
	189	765	777	29	1	851	137	160	705	32	122.9	756.4	141787	1	718	2176.0	32514	377	400	4	4	
	<b>Superstructure</b>		777								731.0	124795			718	2176	31268	377	400	4	4	
	<b>BRIDGE TOTALS</b>		777	29	1	851	137	160	705	32	122.9	756.4	141787	1	718	2176.0	32514	377	400	4	4	

NOTES:  
STRUCTURAL STEEL ITEM INCLUDES: DECK DRAINS.

LETTING DATE

CONSTRUCTION PROJECT NO.



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS

OpenRoads Designer v10.16.2.267

USER: jbourke

DATE PLOTTED: 4/25/2024 10:39:20 AM

FILE NAME: \\us0243-pp1ss01\workgroup\1785\active\17856806\structural\1\_I-71 over KY47\drawing\Sheets\528868\_S01\_TITLE.dgn

PREPARED BY



DESIGNED BY: J. MURPHY

DATE: NOVEMBER 12, 2024

CHECKED BY

D. DEPP

DETAILED BY: J. BURKE

J. MURPHY

REVISION

DATE

TITLE SHEET

CROSSING

KY 47

ROUTE

I-71

ITEM NO.

6-202021.00

SHEET NO.

S01

COUNTY OF

GALLATIN

DRAWING NUMBER

28868

# TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

## GALLATIN COUNTY

### LOUISVILLE - COVINGTON ROAD

#### WIDEN I-71 OVER KY 47

#### STA 2595+90.78

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#### SPECIAL NOTES

Concrete Sealing

#### SPECIAL PROVISIONS

69 Embankment at Bridge End Bent Structures

#### STANDARD DRAWINGS

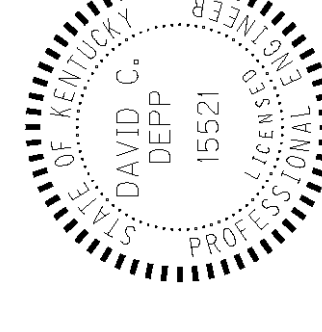
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#### SPECIFICATIONS

2019 Standard Specifications for Road and Bridge Construction

2020 (9th Edition) AASHTO LRFD Bridge Design Specifications

**ACTIVE SEPIAS**  
 SEP1A 049 Concrete Median Barrier Fixed Form or Slip Form (Permanent) TL5-56 Tall Walls... (in Roadway Plans)  
 042 Concrete Barrier Walls Complete PDF Packet



#### ESTIMATE OF QUANTITIES

BID ITEM CODE	01979	02231	03299	08002	08003	08020	08033	08039	08046	08094	08100	08104	08151	08160	08500	08637	23378C	P5028ED	24902EC	2039	INS835	04810
BID ITEM	CONC MEDIAN BARRIER TYPE B TL5 56 IN	STRUCTURE GRANULAR BACKFILL	ARMORED EDGE FOR CONCRETE	STRUCTURE EXCAVATION SOLID ROCK	FOUNDATION PREPARATION	CRUSHED AGGREGATE SLOPE PROTECTION	TEST PILES	PRE-DRILLING FOR PILES	PILES - STEEL HP 12 x 53	PILE POINTS 12 INCH	CONCRETE CLASS A	CONCRETE CLASS AA	STEEL REINFORCEMENT EPOXY COATED	STRUCTURAL STEEL	APPROACH SLAB	PRECAST PC I-BEAM TYPE 7	CONCRETE SEALING	RAILING SYSTEM 40 INCH SINGLE SLOPE	PVC CONDUIT 3 IN SCHEDULE 80	ELECTRICAL JUNCTION BOX TYPE A	ELECTRICAL JUNCTION BOX	
UNIT	LF	CY	LF	CY	LS	TON	LF	LF	LF	EA	CY	CY	LB	LS	SY	LF	SF	LF	LF	EA	EA	EA
INTEGRAL END BENT 1	189	389		29		427	137	160	513	16	67.4	13.4	8907			623						
INTEGRAL END BENT 2		376				424			192	16	55.5	12.0	8085			623						
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NOTES:  
STRUCTURAL STEEL ITEM INCLUDES: DECK DRAINS.



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS



NOVEMBER 12, 2024  
 DATE: ~~APRIL 2024~~  
 DESIGNED BY: J. MURPHY  
 DETAILED BY: J. BURKE

CHECKED BY:  
D. DEPP  
J. MURPHY

TITLE SHEET  
CROSSING  
KY 47

ROUTE  
I-71

ITEM NO.  
6-20021.00

SHEET NO.  
501

COUNTY OF  
GALLATIN

DRAWING NUMBER  
28868

# TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

## GALLATIN COUNTY

### LOUISVILLE - COVINGTON ROAD

### WIDEN I-71 OVER KY 47

### STA 2595+90.78

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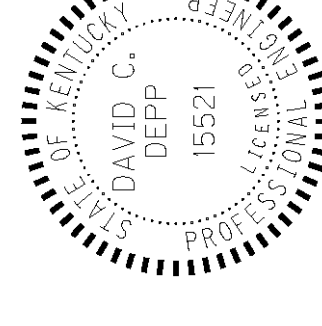
#### ACTIVE SEPIAS

SEPIA 042 Concrete Barrier Walls Complete PDF Packet

#### SPECIFICATIONS

2019 Standard Specifications for Road and Bridge Construction

2020 (9th Edition) AASHTO LRFD Bridge Design Specifications



#### ESTIMATE OF QUANTITIES

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<b>Superstructure</b>	<b>189</b>		<b>777</b>								<b>731.0</b>	<b>124795</b>			<b>718</b>	<b>2176</b>	<b>31268</b>	<b>377</b>	<b>400</b>	<b>4</b>	<b>4</b>	<b>4</b>
<b>BRIDGE TOTALS</b>	<b>189</b>	<b>765</b>	<b>777</b>	<b>29</b>	<b>1</b>	<b>851</b>	<b>137</b>	<b>160</b>	<b>705</b>	<b>32</b>	<b>122.9</b>	<b>756.4</b>	<b>141787</b>	<b>1</b>	<b>718</b>	<b>2176.0</b>	<b>32514</b>	<b>377</b>	<b>400</b>	<b>4</b>	<b>4</b>	<b>4</b>

NOTES:  
STRUCTURAL STEEL ITEM INCLUDES: DECK DRAINS.

LETTING DATE

CONSTRUCTION PROJECT NO.



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS

PREPARED BY  
**Stantec**

DATE: NOVEMBER 12, 2024  
DESIGNED BY: J. MURPHY  
DETAILED BY: J. BURKE

CHECKED BY  
D. DEPP  
J. MURPHY

TITLE SHEET  
CROSSING  
KY 47

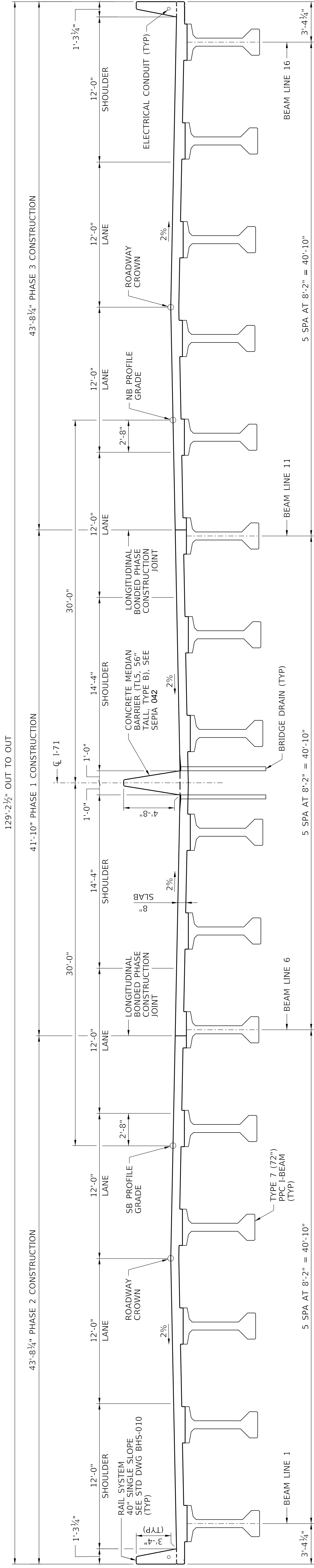
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I-71

ITEM NO.  
6-20021.00

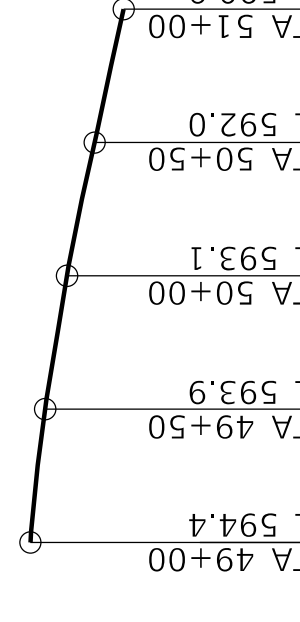
SHEET NO.  
S01

COUNTY OF  
GALLATIN

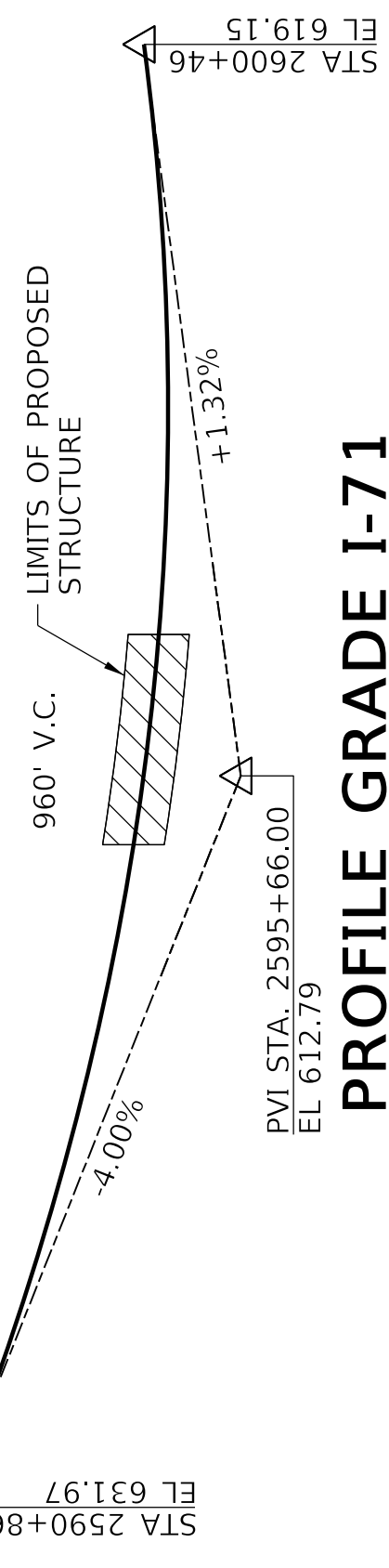
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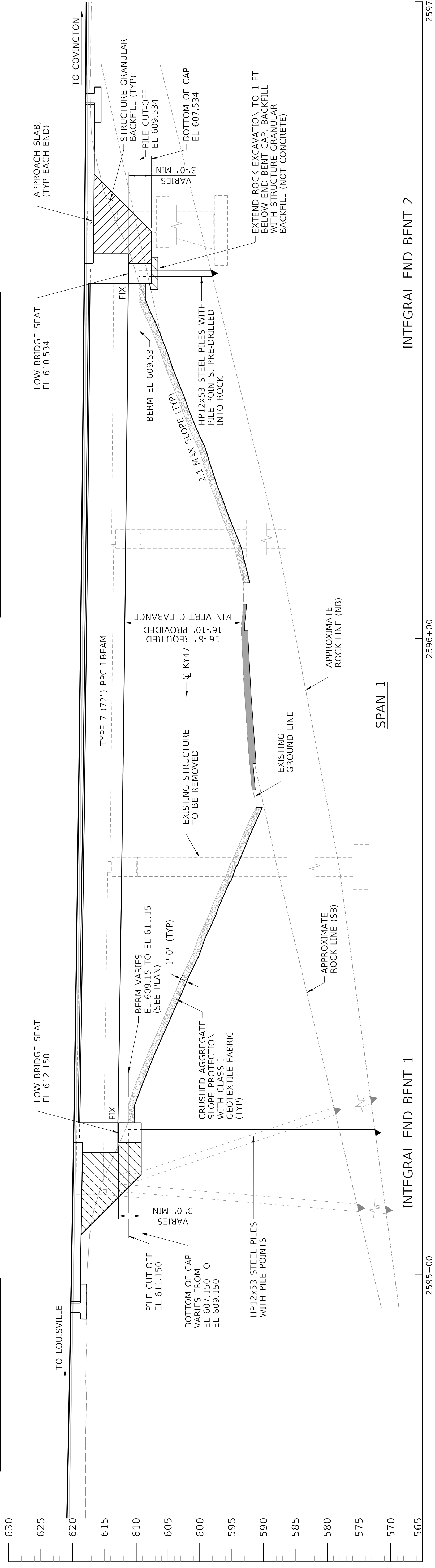
**TYPICAL SECTION**  
(LOOKING AHEAD)



**PROFILE GRADE KY 47 (EXISTING)**



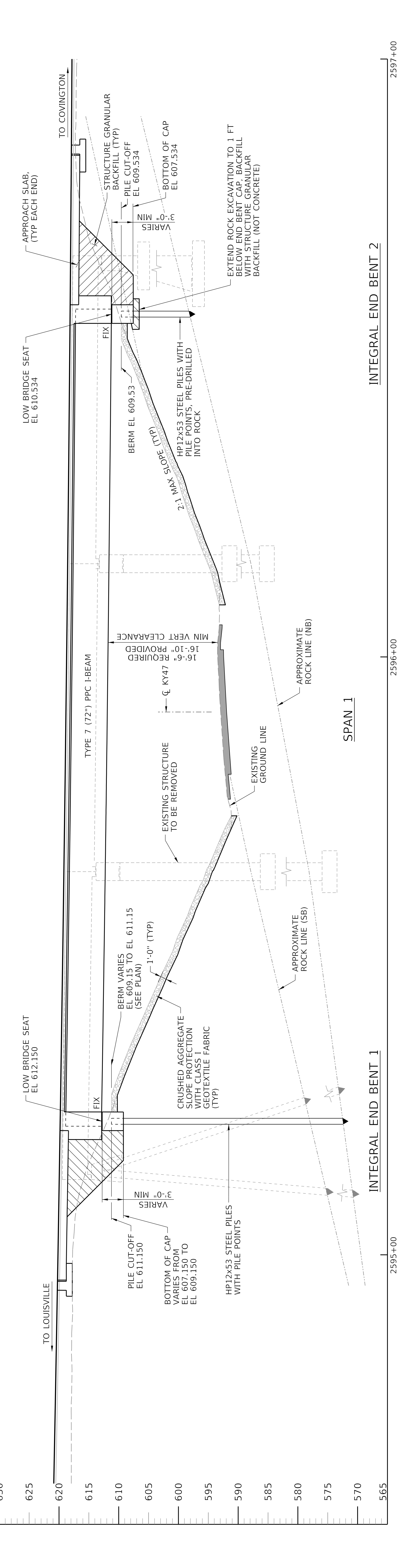
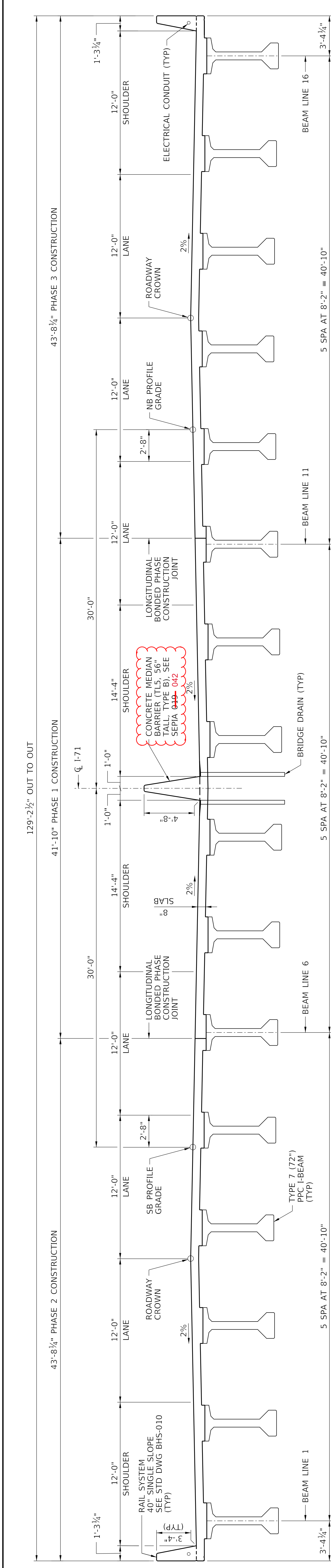
NOTES:  
1. FOR END BENT BACKFILL AND METHOD OF CONSTRUCTION, SEE SPECIAL PROVISION 69.



**SECTION ALONG CENTERLINE I-71**

135'-0" TYPE 7 (72") PPC I-BEAMS  
 KY HL-93 LOADING, 15°31'0" SKEW LEFT,  
 134'-8" OUT-TO-OUT OF SHOULDERS AT BRIDGE ENDS  
 2 ~ 62'-4" ROADWAYS, 2:1 FILL SLOPES

<p><b>COMMONWEALTH OF KENTUCKY</b> DEPARTMENT OF HIGHWAYS</p>	PREPARED BY 	DATE NOVEMBER 12, 2024	CHECKED BY D. DEPP	ROUTE I-71	ITEM NO. 6-20021.00	COUNTY OF GALLATIN
	REVISION	DATE	DESIGNED BY: J. MURPHY DETAILED BY: J. BURKE	SHEET NO. 504	SHEET NO. S04	DRAWING NUMBER 28868
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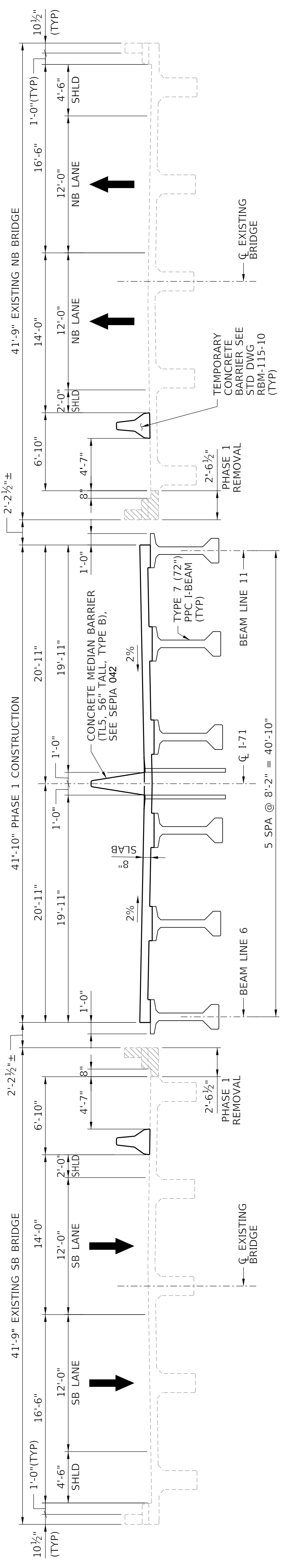
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135'-0" TYPE 7 (72") PPC I-BEAMS  
KY HL-93 LOADING, 15°31'0" SKEW LEFT,  
134'-8" OUT-TO-OUT OF SHOULDERS AT BRIDGE ENDS  
2 ~ 62'-4" ROADWAYS, 2:1 FILL SLOPES  
**NOVEMBER 12, 2024**

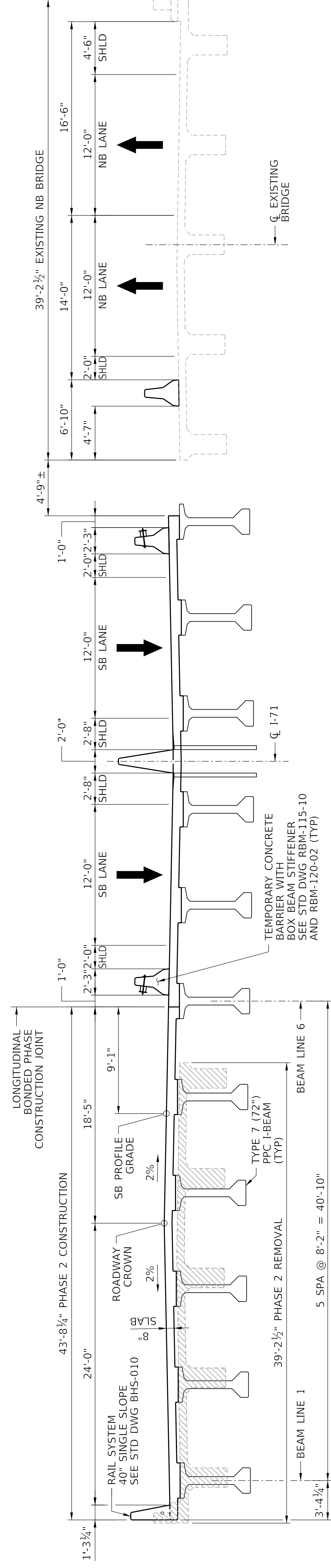
DATE: ~~APRIL 2024~~  
DESIGNED BY: J. MURPHY  
DETAILED BY: J. BURKE

CHECKED BY: D. DEPP  
J. MURPHY

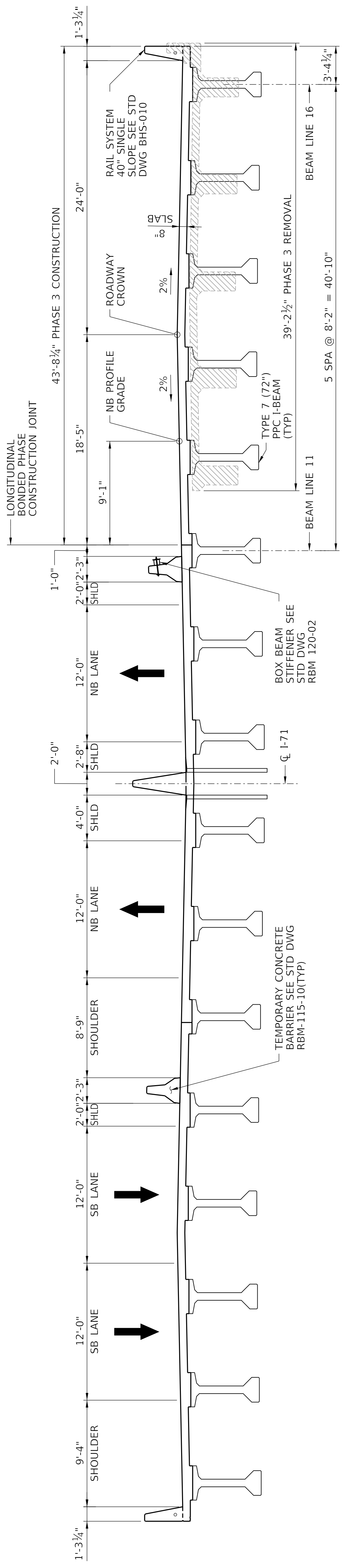
 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	PREPARED BY J. BURKE	DATE 4/25/2024	REVISION	CHECKED BY D. DEPP J. MURPHY	LAYOUT CROSSING KY 47	ROUTE I-71	ITEM NO. 6-20021.00 SHEET NO. 504	COUNTY OF GALLATIN DRAWING NUMBER 28868
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**PHASE 1 REMOVAL & CONSTRUCTION**  
(LOOKING AHEAD)



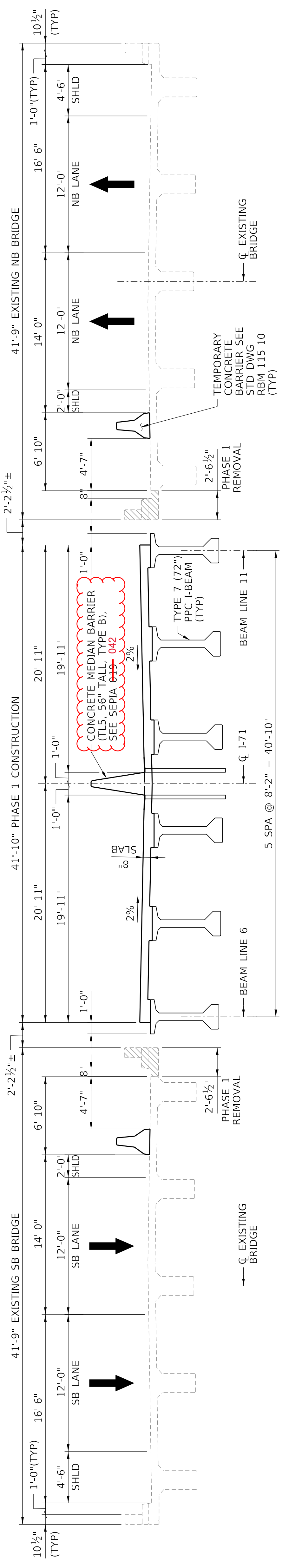
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(LOOKING AHEAD)



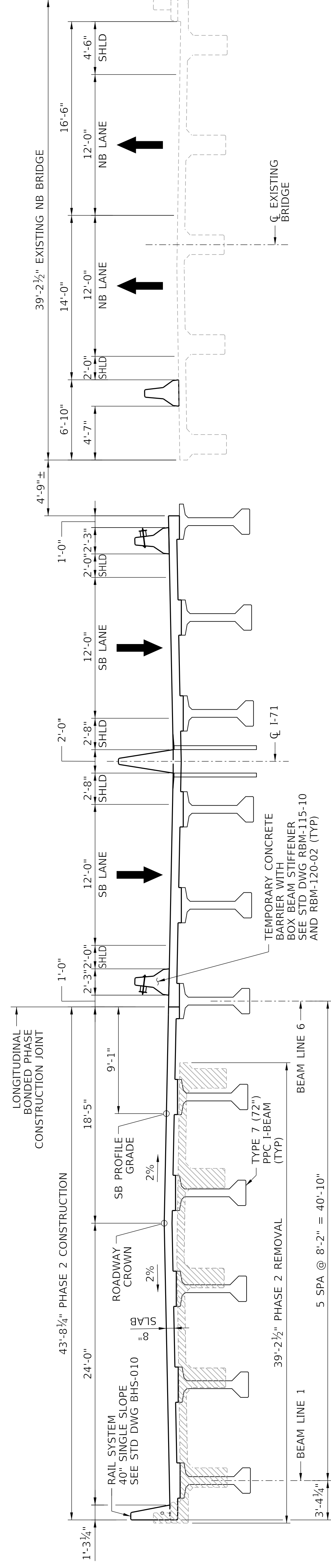
**PHASE 3 REMOVAL & CONSTRUCTION**  
(LOOKING AHEAD)

LEGEND  
 INDICATES LIMITS OF REMOVAL

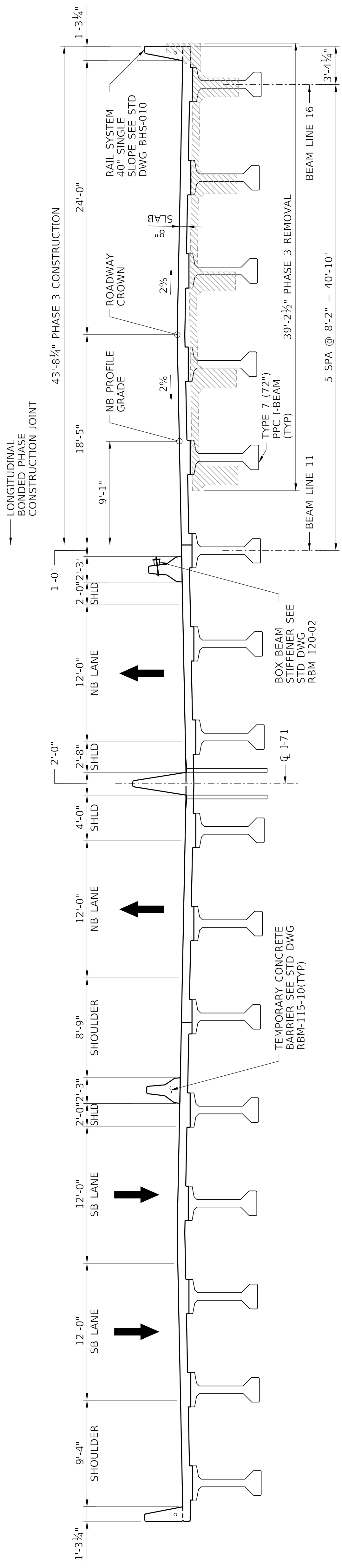
	COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	PREPARED BY 	DATE NOVEMBER 12, 2024	CHECKED BY D. DEPP	ROUTE I-71	COUNTY OF GALLATIN
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**PHASE 1 REMOVAL & CONSTRUCTION**  
(LOOKING AHEAD)



**PHASE 2 REMOVAL & CONSTRUCTION**  
(LOOKING AHEAD)



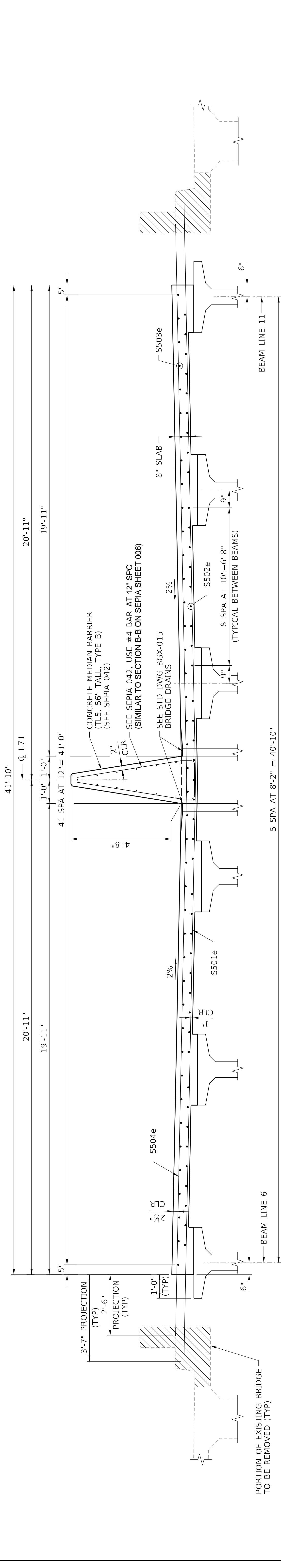
**PHASE 3 REMOVAL & CONSTRUCTION**  
(LOOKING AHEAD)

**LEGEND**

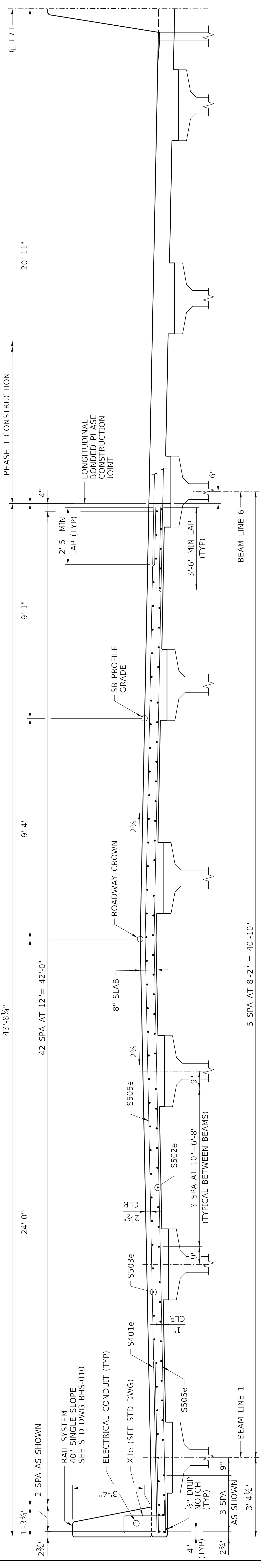
INDICATES LIMITS OF REMOVAL

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	PREPARED BY 	CHECKED BY D. DEPP	ROUTE I-71	COUNTY OF GALLATIN
	DATE NOVEMBER 12, 2024	DESIGNED BY J. MURPHY	DRAWING NUMBER 28868	ITEM NO. 6-20021.00
REVISION	DATE PLOTTED 4/22/2024	FILE NAME \\us0243-ppiss01\workgroup\178568066\structural\I-71 over KY47\drawing\Sheets\28868_S05_PHASE CONSTRUCTION.dgn	SHEET NO. S05	DRAWING NUMBER 28868
USER: jbourke	DATE NOVEMBER 12, 2024	FILE NAME \\us0243-ppiss01\workgroup\178568066\structural\I-71 over KY47\drawing\Sheets\28868_S05_PHASE CONSTRUCTION.dgn	SHEET NO. S05	DRAWING NUMBER 28868

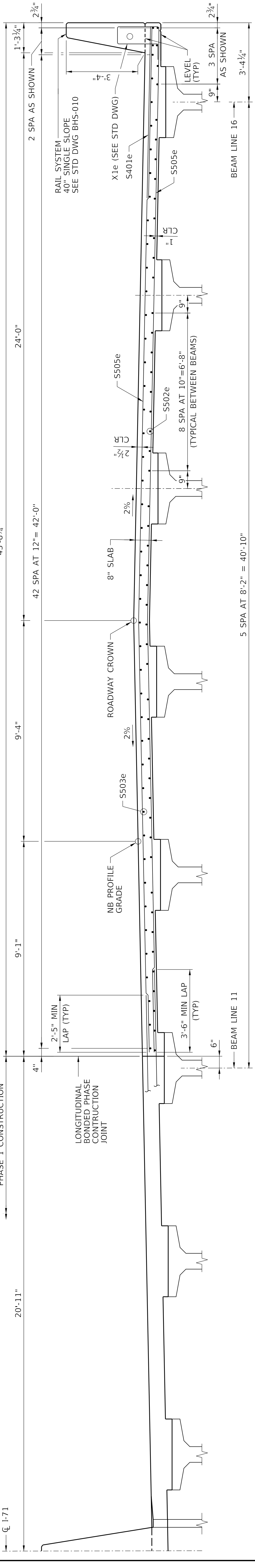




**PARTIAL DECK SECTION - PHASE 1 CONSTRUCTION**  
(LOOKING AHEAD)

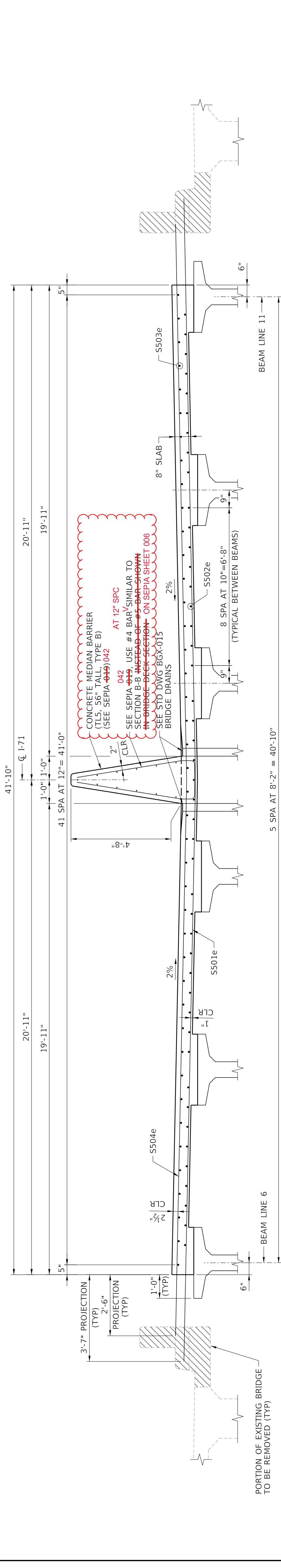


**PARTIAL DECK SECTION - PHASE 2 CONSTRUCTION**  
(LOOKING AHEAD)

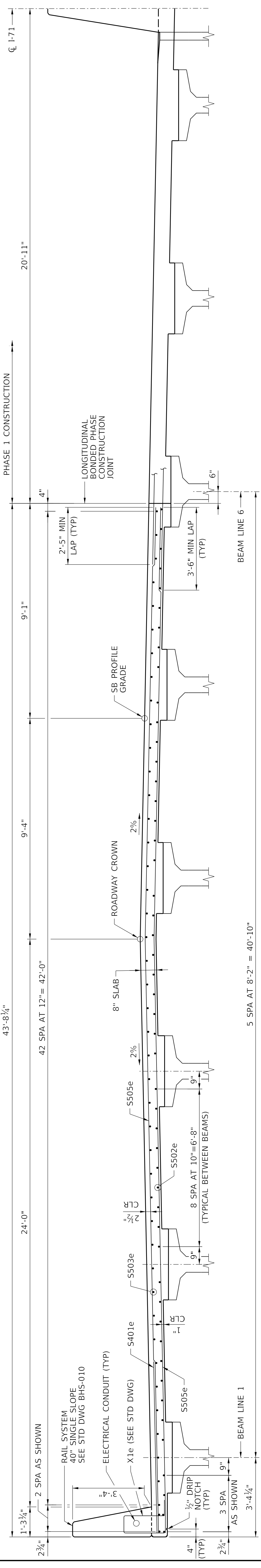


**PARTIAL DECK SECTION - PHASE 3 CONSTRUCTION**  
(LOOKING AHEAD)

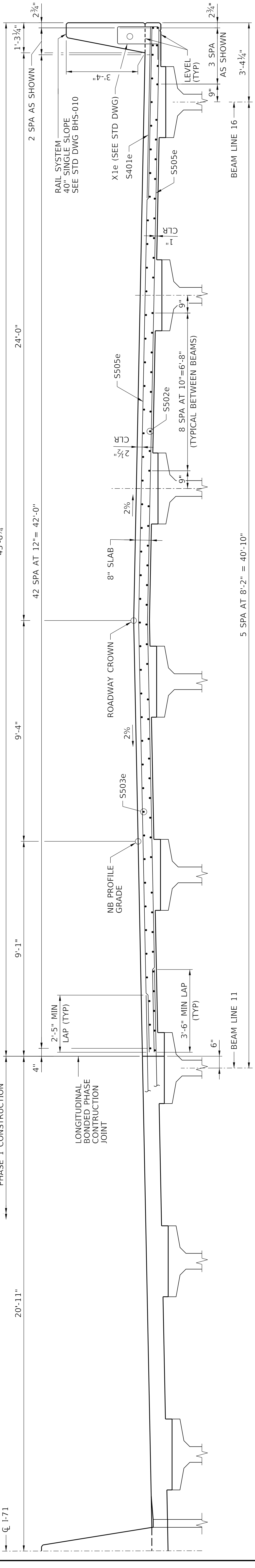
 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	PREPARED BY  Stantec	DATE NOVEMBER 12, 2024	CHECKED BY C. ELLISON	ROUTE I-71	ITEM NO. 6-20021.00	COUNTY OF GALLATIN
	REVISION	DESIGNED BY: J. MURPHY DETAILED BY: J. BURKE	DATE PLOTTED: 4/22/2024 12:40:11 PM	CROSSING KY 47	SHEET NO. S16	DRAWING NUMBER 28868



**PARTIAL DECK SECTION - PHASE 1 CONSTRUCTION**  
(LOOKING AHEAD)



**PARTIAL DECK SECTION - PHASE 2 CONSTRUCTION**  
(LOOKING AHEAD)



**PARTIAL DECK SECTION - PHASE 3 CONSTRUCTION**  
(LOOKING AHEAD)

<p>COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS</p>	<p>DATE: 4/22/2024 12:40:11 PM</p>	<p>DATE: <del>APRIL 2024</del> NOVEMBER 12, 2024</p>	<p>ROUTE: I-71</p>	<p>COUNTY OF: GALLATIN</p>	
	<p>REVISION</p>	<p>DESIGNED BY: J. MURPHY</p>	<p>CHECKED BY: C. ELLISON</p>	<p>ITEM NO.: 6-20021.00</p>	
<p>USER: jbourke</p>	<p>DATE PLOTTED: 4/22/2024 12:40:11 PM</p>	<p>FILE NAME: \\us0243-ppfs01\workgroup\17856806\structural\I-71 over KY47\drawing\Sheets\28868_S16_SUPERSTRUCTURE.dgn</p>	<p>DETAILED BY: J. BURKE</p>	<p>SHEET NO.: S16</p>	<p>DRAWING NUMBER: 28868</p>
<p>PREPARED BY:  Stantec</p>	<p>REVISION</p>	<p>DESIGNED BY: J. MURPHY</p>	<p>CROSSING: KY 47</p>	<p>ROUTE: I-71</p>	<p>ITEM NO.: 6-20021.00</p>
<p>COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS</p>	<p>REVISION</p>	<p>DETAILED BY: J. BURKE</p>	<p>CROSSING: KY 47</p>	<p>ROUTE: I-71</p>	<p>SHEET NO.: S16</p>
<p>COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS</p>	<p>REVISION</p>	<p>DETAILED BY: J. BURKE</p>	<p>CROSSING: KY 47</p>	<p>ROUTE: I-71</p>	<p>DRAWING NUMBER: 28868</p>







## EROSION CONTROL NOTES

ALL SILT CONTROL DEVICES SHALL BE SIZED TO RETAIN A VOLUME OF 3,600 CUBIC FEET PER DISTURBED CONTRIBUTING ACRE.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED GROUND DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL COMPUTE THE VOLUME NECESSARY TO CONTROL SEDIMENT DURING EACH PHASE OF CONSTRUCTION. AS WORK PROCEEDS, SILT TRAPS MAY BE ADDED OR REMOVED IN ORDER TO ACHIEVE THE BEST MANAGEMENT PLAN. THE REQUIRED VOLUME AT EACH ADDED SILT TRAP SHALL BE COMPUTED AS UP GRADIENT CONTRIBUTING AREAS ARE DISTURBED OR ARE STABILIZED TO THE SATISFACTION OF THE ENGINEER. THE REQUIRED VOLUME CALCULATION FOR EACH SILT TRAP SHALL BE DETERMINED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER. THE REQUIRED VOLUME AT EACH SILT TRAP MAY BE REDUCED BY THE FOLLOWING AMOUNTS:

- UP GRADIENT AREAS NOT DISTURBED (ACRES),
- UP GRADIENT AREAS THAT HAVE BEEN RECLAIMED AND PROTECTED BY EROSION CONTROL BLANKET OR OTHER GROUND PROTECTION MATERIAL (ACRES),
- UP GRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT FENCE (ACRES), AREAS PROTECTED BY SILT FENCE SHALL BE COMPUTED AT A MAXIMUM RATE OF 100 SQUARE FOOT PER LINEAR FOOT OF SILT FENCE. - UP GRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT TRAPS (ACRES).

THE EROSION CONTROL PLAN SHALL BE ANNOTATED AS THE WORK PROCEEDS BY THE CONTRACTOR TO DETAIL THE SELECTION OF EACH EROSION CONTROL DEVICE USED AND THE VOLUME PROVIDED BY EACH SILT TRAP IN ACCORDANCE WITH THE DOCUMENTATION PROCEDURES ESTABLISHED BY THE DIVISION OF CONSTRUCTION.

IF A SILT BASIN IS NOT USED THEN ONE SILT TRAP, TYPE A, ALTERNATE NUMBER 2 OR SILT TRAP, TYPE B SHALL ALWAYS BE PLACED AT THE MOST REMOTE DOWNSTREAM COLLECTION POINT PRIOR TO DISCHARGING INTO A BLUE LINE STREAM OR ONTO AN ADJACENT PROPERTY OWNER, WHERE OVERLAND FLOW EXIST A SILT FENCE OR OTHER FILTER DEVICES MAY BE USED OR THE OVERLAND FLOW MAY BE DIVERTED TO ONE OF THE FOREMENTED SILT BASIN OR TRAPS.

THE EROSION CONTROL PLANS DO NOT CONSTITUTE A BMP BY THEMSELVES. THEY PROVIDE A STARTING POINT FOR THE CONTRACTOR AND RESIDENT ENGINEER TO DEVELOP THE BMP ACCORDING TO SECTION 213.03.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE SUPPLEMENTAL SPECS EFFECTIVE WITH THE MAY 2015 LETTERING.

EROSION CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONING PRIOR TO ANY EXCAVATION OR DISTURBANCE WITHIN A DRAINAGE AREA.

THE CONTRACTOR SHALL BE REQUIRED TO CLEAN OUT (REMOVE SEDIMENT FROM) SILT TRAPS AND SILT FENCES WHENEVER THEY BECOME ONE- HALF FULL AND PROPERLY DISPOSE OF THE MATERIAL AT SITES APPROVED BY THE RESIDENT ENGINEER.

EROSION CONTROL MEASURES EMPLOYED BY THE CONTRACTOR WILL BE UNIQUE TO THE PROJECT AND WORK CONDITIONS AND SHALL BE APPROVED BY THE RESIDENT ENGINEER. THE DEVELOPMENT AND UTILIZATION OF THESE MEASURES WILL BE RECORDED AS PART OF THE BMP. KEPT ON SITE, AND AVAILABLE FOR PUBLIC INSPECTION.

SILT TRAP TYPE A ALTERNATE 1	
SILT TRAP TYPE A ALTERNATE 2	
SILT TRAP TYPE B	
SILT TRAP TYPE C	
SILT FENCE	
TEMPORARY SILT DITCH	
DISTURBED DRAINAGE AREA	
OVERLAND SHEET FLOW	
PROPOSED R/W	
PROPOSED EASEMENT	

**FOR EROSION CONTROL ONLY**

## DISCHARGE POINTS

ID	STATION	OFFSET (FT)	NORTH STATE PLANE	EAST COORDINATES	LATITUDE	LONGITUDE
138	2684+68	279	4140671.2925	5153734.6326	38.691902	-84.935503
139	2687+89	-119	4141173.7125	5153829.8286	38.693279	-84.935154
140	2698+00	133	4141429.1811	5154839.9669	38.693956	-84.931607
142	2705+26	-142	4142014.0100	5155349.7432	38.695550	-84.929803
143	2702+40	179	4141595.6806	5155249.7533	38.694404	-84.930167
144	2705+52	-143	4142026.9777	5155372.9717	38.695585	-84.929722
145	2715+16	-197	4142529.7557	5156196.5091	38.696945	-84.926821
146	2712+94	210	4142066.2547	5156192.9318	38.695673	-84.926848
147	2715+40	-195	4142539.6485	5156219.3591	38.696972	-84.926741
149	2720+37	184	4142440.0360	5156836.3168	38.696684	-84.924582
153	2754+85	196	4144055.7064	5159881.9714	38.701045	-84.913861
154	2760+61	-274	4144742.0059	5160167.9290	38.702922	-84.912837
155	2761+10	-175	4144677.5755	5160258.0201	38.702743	-84.912524
156	2760+82	133	4144392.6376	5160378.3339	38.701958	-84.912111
157	2759+84	243	4144249.8960	5160343.7885	38.701567	-84.912237

## EROSION CONTROL QUANTITIES

ITEM	DESCRIPTION	UNIT	CARROLL COUNTY	GALLATIN COUNTY	PROJECT TOTAL
02159	TEMP DITCH	LF	1,581	8,309	9,890
02160	CLEAN TEMP DITCH	LF	790	4,154	4,944
02701	TEMP SILT FENCE	LF	1,581	8,309	9,890
02703	SILT TRAP TYPE A	EACH	6	45	51
02704	SILT TRAP TYPE B	EACH	6	45	51
02705	SILT TRAP TYPE C	EACH	6	45	51
02706	CLEAN SILT TRAP TYPE A	EACH	6	45	51
02707	CLEAN SILT TRAP TYPE B	EACH	6	45	51
02708	CLEAN SILT TRAP TYPE C	EACH	6	45	51
02711	SEDIMENTATION BASIN	CU YD	-	4,649	4,649
02712	CLEAN SEDIMENTATION BASIN	CU YD	-	4,649	4,649
05950	EROSION CONTROL BLANKET	SO YD	822	9,836	10,658
05952	TEMP MULCH	SO YD	51,759	433,183	484,942
05953	TEMP SEEDING AND PROTECTION	SO YD	<del>36,000</del> 4,583	<del>36,000</del> 69,250	<del>36,000</del> 73,833
05963	INITIAL FERTILIZER	TON	2	1	3
05964	MAINTENANCE FERTILIZER	TON	3	1	4
05985	SEEDING AND PROTECTION	SO YD	<del>11,759</del> 4,583	<del>11,759</del> 69,250	<del>11,759</del> 73,833
05992	AGRICULTURAL LIMESTONE	TON	49	403	452

NOTE: QUANTITIES CARRIED OVER TO GENERAL SUMMARY