



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
www.transportation.ky.gov/

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

June 22, 2021

CALL NO. 300
CONTRACT ID NO. 211322
ADDENDUM # 2

Subject: Barren County, FD04 SPP 005 0090 017-022
Letting June 25, 2021

- (1) Revised - Proposal Bid Items - Pages 73-78 of 78
- (2) Revised - Plan Sheets - R21

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

PROPOSAL BID ITEMS

Report Date 6/22/21

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	26,906.00	TON		\$	
0020	00020		TRAFFIC BOUND BASE	751.00	TON		\$	
0030	00078		CRUSHED AGGREGATE SIZE NO 2	36,320.00	TON		\$	
0040	00190		LEVELING & WEDGING PG64-22	3,516.00	TON		\$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	3,065.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	37,591.00	TON		\$	
0070	00221		CL2 ASPH BASE 0.75D PG64-22	1,099.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	2,141.00	TON		\$	
0090	00388		CL3 ASPH SURF 0.38B PG64-22	6,725.00	TON		\$	
0100	20071EC		JOINT ADHESIVE	40,200.00	LF		\$	
0110	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	61.10	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0120	00021		DRAINAGE BLANKET-EMBANKMENT	9,235.00	CUYD		\$	
0130	01310		REMOVE PIPE	159.00	LF		\$	
0140	01585		REMOVE DROP BOX INLET	1.00	EACH		\$	
0150	01691		FLUME INLET TYPE 2	1.00	EACH		\$	
0160	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	144.00	EACH		\$	
0170	01984		DELINEATOR FOR BARRIER - WHITE	28.00	EACH		\$	
0180	02014		BARRICADE-TYPE III	30.00	EACH		\$	
0190	02091		REMOVE PAVEMENT	2,225.00	SQYD		\$	
0200	02159		TEMP DITCH	10,985.00	LF		\$	
0210	02160		CLEAN TEMP DITCH	5,493.00	LF		\$	
0220	02200		ROADWAY EXCAVATION	234,621.00	CUYD		\$	
0230	02242		WATER	315.00	MGAL		\$	
0240	02259		FENCE-TEMP	3,490.00	LF		\$	
0250	02350		ADJUST GUARDRAIL	300.00	LF		\$	
0260	02360		GUARDRAIL TERMINAL SECTION NO 1	27.00	EACH		\$	
0270	02367		GUARDRAIL END TREATMENT TYPE 1	5.00	EACH		\$	
0280	02369		GUARDRAIL END TREATMENT TYPE 2A	1.00	EACH		\$	
0290	02371		GUARDRAIL END TREATMENT TYPE 7	15.00	EACH		\$	
0300	02381		REMOVE GUARDRAIL	4,447.00	LF		\$	
0310	02391		GUARDRAIL END TREATMENT TYPE 4A	14.00	EACH		\$	
0320	02397		TEMP GUARDRAIL	4,175.00	LF		\$	
0330	02403		REMOVE CONCRETE MASONRY	5.00	CUYD		\$	
0340	02429		RIGHT-OF-WAY MONUMENT TYPE 1	229.00	EACH		\$	
0350	02432		WITNESS POST	100.00	EACH		\$	
0360	02469		CLEAN SINKHOLE	5.00	EACH		\$	
0370	02483		CHANNEL LINING CLASS II	565.00	TON		\$	
0380	02484		CHANNEL LINING CLASS III	1,836.00	TON		\$	
0390	02545		CLEARING AND GRUBBING 66 ACRES	1.00	LS		\$	
0400	02562		TEMPORARY SIGNS	1,496.00	SQFT		\$	

PROPOSAL BID ITEMS

Report Date 6/22/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02585		EDGE KEY	176.00	LF		\$	
0420	02602		FABRIC-GEOTEXTILE CLASS 1	2,770.00	SQYD		\$	
0430	02603		FABRIC-GEOTEXTILE CLASS 2	172,063.00	SQYD		\$	
0440	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	5,666.00	SQYD	\$2.00	\$	\$11,332.00
0450	02610		RETAINING WALL-GABION	627.00	CUYD		\$	
0460	02625		REMOVE HEADWALL	21.00	EACH		\$	
0470	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0480	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0490	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0500	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED: 6-22-21)	456.00	TON		\$	
0510	02690		SAFELoading	54.71	CUYD		\$	
0520	02696		SHOULDER RUMBLE STRIPS	12,700.00	LF		\$	
0530	02697		EDGELINE RUMBLE STRIPS	30,926.00	LF		\$	
0540	02701		TEMP SILT FENCE	10,985.00	LF		\$	
0550	02703		SILT TRAP TYPE A	66.00	EACH		\$	
0560	02704		SILT TRAP TYPE B	66.00	EACH		\$	
0570	02705		SILT TRAP TYPE C	66.00	EACH		\$	
0580	02706		CLEAN SILT TRAP TYPE A	66.00	EACH		\$	
0590	02707		CLEAN SILT TRAP TYPE B	66.00	EACH		\$	
0600	02708		CLEAN SILT TRAP TYPE C	66.00	EACH		\$	
0610	02726		STAKING	1.00	LS		\$	
0620	02731		REMOVE STRUCTURE (3'X3'X36' RCBC)	1.00	LS		\$	
0630	02731		REMOVE STRUCTURE (EXISTING BARN)	1.00	LS		\$	
0640	02898		RELOCATE CRASH CUSHION	4.00	EACH		\$	
0650	03171		CONCRETE BARRIER WALL TYPE 9T	1,420.00	LF		\$	
0660	03262		CLEAN PIPE STRUCTURE	5.00	EACH		\$	
0670	05950		EROSION CONTROL BLANKET	7,008.00	SQYD		\$	
0680	05952		TEMP MULCH	190,577.00	SQYD		\$	
0690	05953		TEMP SEEDING AND PROTECTION	142,933.00	SQYD		\$	
0700	05963		INITIAL FERTILIZER	6.00	TON		\$	
0710	05964		MAINTENANCE FERTILIZER	10.00	TON		\$	
0720	05985		SEEDING AND PROTECTION	192,146.00	SQYD		\$	
0730	05990		SODDING	267.00	SQYD		\$	
0740	05992		AGRICULTURAL LIMESTONE	124.00	TON		\$	
0750	06511		PAVE STRIPING-TEMP PAINT-6 IN	132,998.00	LF		\$	
0760	06514		PAVE STRIPING-PERM PAINT-4 IN	5,570.00	LF		\$	
0770	06542		PAVE STRIPING-THERMO-6 IN W	47,715.00	LF		\$	
0780	06543		PAVE STRIPING-THERMO-6 IN Y	34,699.00	LF		\$	
0790	06568		PAVE MARKING-THERMO STOP BAR-24IN	185.00	LF		\$	
0800	06569		PAVE MARKING-THERMO CROSS-HATCH	1,270.00	SQFT		\$	
0810	06574		PAVE MARKING-THERMO CURV ARROW	22.00	EACH		\$	
0820	08903		CRASH CUSHION TY VI CLASS BT TL3	4.00	EACH		\$	
0830	10020NS		FUEL ADJUSTMENT	164,405.00	DOLL	\$1.00	\$	\$164,405.00
0840	10030NS		ASPHALT ADJUSTMENT	212,057.00	DOLL	\$1.00	\$	\$212,057.00
0850	14086		W SERVICE SPECIAL 160' 1" HDPE WITH 160' 3" HDPE	1.00	EACH		\$	
0860	20072ES805		GRANULAR EMBANKMENT	4,956.00	TON		\$	
0870	20191ED		OBJECT MARKER TY 3	5.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 6/22/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0880	20318ES508		RELOCATE CONC BARRIER WALL	800.00	LF		\$	
0890	20458ES403		CENTERLINE RUMBLE STRIPS	19,093.00	LF		\$	
0900	20465EC		CLEAN CULVERT 8'X4'RCBC	1.00	LS		\$	
0910	20911ED		HIGH SLUMP 3000 PSI GROUT	1.30	CUYD		\$	
0915	21289ED		LONGITUDINAL EDGE KEY (ADDED: 6-22-21)	19,507.00	LF		\$	
0920	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	10,037.50	LF		\$	
0930	23274EN11F		TURF REINFORCEMENT MAT 1	21,198.00	SQYD		\$	
0940	23275EN11F		TURF REINFORCEMENT MAT 2	40.00	SQYD		\$	
0950	23607EC		PAVE MARK THERMO-LANE REDUCTION ARROW	6.00	EACH		\$	
0960	24423EC		TEMPORARY SHORING	1.00	LS		\$	
0970	24540		R/W MONUMENT TYPE 3	16.00	EACH		\$	
0980	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	4.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0990	00440		ENTRANCE PIPE-15 IN	1,496.00	LF		\$	
1000	00441		ENTRANCE PIPE-18 IN	698.00	LF		\$	
1010	00443		ENTRANCE PIPE-24 IN	571.00	LF		\$	
1020	00445		ENTRANCE PIPE-30 IN	221.00	LF		\$	
1030	00461		CULVERT PIPE-15 IN	400.00	LF		\$	
1040	00462		CULVERT PIPE-18 IN	208.00	LF		\$	
1050	00464		CULVERT PIPE-24 IN	584.00	LF		\$	
1060	00466		CULVERT PIPE-30 IN	175.00	LF		\$	
1070	00468		CULVERT PIPE-36 IN	336.00	LF		\$	
1080	00471		CULVERT PIPE-54 IN	58.00	LF		\$	
1090	00494		CULVERT PIPE-30 IN EQUIV	77.00	LF		\$	
1100	00496		CULVERT PIPE-36 IN EQUIV	70.00	LF		\$	
1110	01202		PIPE CULVERT HEADWALL-15 IN	2.00	EACH		\$	
1120	01204		PIPE CULVERT HEADWALL-18 IN	4.00	EACH		\$	
1130	01208		PIPE CULVERT HEADWALL-24 IN	7.00	EACH		\$	
1140	01212		PIPE CULVERT HEADWALL-36 IN	4.00	EACH		\$	
1150	01370		METAL END SECTION TY 1-15 IN	1.00	EACH		\$	
1160	01373		METAL END SECTION TY 1-24 IN	13.00	EACH		\$	
1170	01374		METAL END SECTION TY 1-30 IN	5.00	EACH		\$	
1180	01394		METAL END SECTION TY 3-30 IN	2.00	EACH		\$	
1190	01395		METAL END SECTION TY 3-36 IN	2.00	EACH		\$	
1200	01413		METAL END SECTION TY 4-24 IN	1.00	EACH		\$	
1210	01434		SLOPED BOX OUTLET TYPE 1-24 IN	4.00	EACH		\$	
1220	01450		S & F BOX INLET-OUTLET-18 IN	2.00	EACH		\$	
1230	01451		S & F BOX INLET-OUTLET-24 IN	2.00	EACH		\$	
1240	01452		S & F BOX INLET-OUTLET-30 IN	7.00	EACH		\$	
1250	01453		S & F BOX INLET-OUTLET-36 IN	4.00	EACH		\$	
1260	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	
1270	01496		DROP BOX INLET TYPE 3	1.00	EACH		\$	
1280	01514		DROP BOX INLET TYPE 5E	4.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 6/22/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1290	01577		DROP BOX INLET TYPE 14	1.00	EACH		\$	
1300	01580		DROP BOX INLET TYPE 15	3.00	EACH		\$	
1310	01643		JUNCTION BOX-24 IN	1.00	EACH		\$	
1320	01660		SPRING BOX INLET TYPE A	1.00	EACH		\$	
1330	01670		SPRING BOX INLET TYPE B	1.00	EACH		\$	
1340	21799EN		BORE AND JACK PIPE-24 IN	76.00	LF		\$	
1350	21800EN		BORE AND JACK PIPE-30 IN	60.00	LF		\$	
1360	24186EC		BORE AND JACK PIPE-36 IN	120.00	LF		\$	
1370	24814EC		PIPELINE INSPECTION	3,657.00	LF		\$	

Section: 0004 - BRIDGE - OVER BRUSHY FORK CREEK - DRAWING # 27387

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1380	02231		STRUCTURE GRANULAR BACKFILL (REVISED: 6-16-21)	300.00	CUYD		\$	
1400	03299		ARMORED EDGE FOR CONCRETE (REVISED: 6-16-21)	364.00	LF		\$	
1410	08001		STRUCTURE EXCAVATION-COMMON	629.00	CUYD		\$	
1420	08002		STRUCTURE EXCAV-SOLID ROCK	288.00	CUYD		\$	
1430	08019		CYCLOPEAN STONE RIP RAP	802.00	TON		\$	
1440	08100		CONCRETE-CLASS A	677.00	CUYD		\$	
1450	08104		CONCRETE-CLASS AA (REVISED: 6-16-21)	228.00	CUYD		\$	
1460	08150		STEEL REINFORCEMENT (REVISED: 6-16-21)	73,851.00	LB		\$	
1470	08151		STEEL REINFORCEMENT-EPOXY COATED (REVISED: 6-16-21)	52,172.00	LB		\$	
1480	08500		APPROACH SLAB (REVISED: 6-16-21)	324.00	SQYD		\$	
1490	08634		PRECAST PC I BEAM TYPE 4	687.00	LF		\$	
1495	23378EC		CONCRETE SEALING (ADDED: 6-16-21)	5,827.00	SQFT		\$	
1502	24982EC		CONCRETE COATING (ADDED: 6-16-21)	1.00	LS		\$	
1505	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN (ADDED: 6-16-21)	200.00	LF		\$	

Section: 0005 - BRIDGE - CULVERT - SINGLE 5.0 X 4.0 - DRAWING # 27215

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1510	08001		STRUCTURE EXCAVATION-COMMON	210.00	CUYD		\$	
1520	08002		STRUCTURE EXCAV-SOLID ROCK	22.00	CUYD		\$	
1530	08100		CONCRETE-CLASS A	73.20	CUYD		\$	
1540	08150		STEEL REINFORCEMENT	5,519.00	LB		\$	

Section: 0006 - BRIDGE - CULVERT - SINGLE 9.0 X 5.0 - DRAWING # 27386

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
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PROPOSAL BID ITEMS

Report Date 6/22/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1550	08001		STRUCTURE EXCAVATION-COMMON	181.00	CUYD		\$	
1560	08002		STRUCTURE EXCAV-SOLID ROCK	23.00	CUYD		\$	
1570	08100		CONCRETE-CLASS A	148.90	CUYD		\$	
1580	08150		STEEL REINFORCEMENT	11,267.00	LB		\$	

Section: 0007 - BRIDGE - CULVERT - SINGLE 5.0 X 4.0 - DRAWING # 27385

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1590	08002		STRUCTURE EXCAV-SOLID ROCK	33.00	CUYD		\$	
1600	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1610	08100		CONCRETE-CLASS A	75.80	CUYD		\$	
1620	08150		STEEL REINFORCEMENT	6,439.00	LB		\$	

Section: 0008 - BRIDGE - CULVERT - SINGLE 6.0 X 4.0 - DRAWING # 27216

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1630	08002		STRUCTURE EXCAV-SOLID ROCK	34.00	CUYD		\$	
1640	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1650	08100		CONCRETE-CLASS A	104.00	CUYD		\$	
1660	08150		STEEL REINFORCEMENT	8,978.00	LB		\$	

Section: 0009 - BRIDGE - CULVERT - SINGLE 8.0 X 4.0 - DRAWING # 27217

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1670	02223		GRANULAR EMBANKMENT	20.00	CUYD		\$	
1680	08002		STRUCTURE EXCAV-SOLID ROCK	2.00	CUYD		\$	
1690	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1700	08100		CONCRETE-CLASS A	65.50	CUYD		\$	
1710	08150		STEEL REINFORCEMENT	5,602.00	LB		\$	
1720	08305		REMOVE REINF CONCRETE	1.00	LS		\$	

Section: 0010 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1730	06406		SBM ALUM SHEET SIGNS .080 IN	327.00	SQFT		\$	
1740	06407		SBM ALUM SHEET SIGNS .125 IN	171.00	SQFT		\$	
1750	06410		STEEL POST TYPE 1	1,237.00	LF		\$	
1760	21373ND		REMOVE SIGN	6.00	EACH		\$	
1770	24631EC		BARCODE SIGN INVENTORY	93.00	EACH		\$	
1780	24751ED		REMOVE STORE & REINSTALL (EXISTING SIGN ON PROPOSED SIGN POST)	14.00	EACH		\$	

Section: 0011 - PAVEMENT UNDERDRAIN

PROPOSAL BID ITEMS

Report Date 6/22/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1790	00078		CRUSHED AGGREGATE SIZE NO 2	82.00	TON		\$	
1800	01000		PERFORATED PIPE-4 IN	147.00	LF		\$	
1810	01005		PERFORATED PIPE EDGE DRAIN-4 IN	23,638.00	LF		\$	
1820	01006		PERFORATED PIPE EDGE DRAIN-6 IN	10,050.00	LF		\$	
1830	01010		NON-PERFORATED PIPE-4 IN	736.00	LF		\$	
1840	01011		NON-PERFORATED PIPE-6 IN	144.00	LF		\$	
1850	01020		PERF PIPE HEADWALL TY 1-4 IN	7.00	EACH		\$	
1860	01021		PERF PIPE HEADWALL TY 1-6 IN	2.00	EACH		\$	
1870	01024		PERF PIPE HEADWALL TY 2-4 IN	6.00	EACH		\$	
1880	01025		PERF PIPE HEADWALL TY 2-6 IN	1.00	EACH		\$	
1890	01028		PERF PIPE HEADWALL TY 3-4 IN	49.00	EACH		\$	
1900	01029		PERF PIPE HEADWALL TY 3-6 IN	13.00	EACH		\$	
1910	01032		PERF PIPE HEADWALL TY 4-4 IN	3.00	EACH		\$	
1920	01033		PERF PIPE HEADWALL TY 4-6 IN	1.00	EACH		\$	

Section: 0012 - MOBILIZATION / DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1930	02568		MOBILIZATION	1.00	LS		\$	
1940	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-108.50	R21

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
21	DRAINAGE BLANKET - EMBANKMENT (4)	CY	9235
1310	REMOVE PIPE (19)	LF	159
1691	FLUME INLET TYPE 2	EACH	1
1585	REMOVE DBI	EACH	1
1982	DELINEATOR FOR GUARDRAIL - WHITE	EACH	144
1984	DELINEATOR FOR BARRIER - WHITE	EACH	28
2014	BARRICADE - TYPE III	EACH	30
2091	REMOVE PAVEMENT	SY	2225
2159	TEMPORARY DITCH	LF	10985
2160	CLEAN TEMPORARY DITCHES	LF	5493
2200	ROADWAY EXCAVATION	CY	234621
2242	WATER (11)	M GALS	315
2259	FENCE-TEMP (23)	LF	3490
2350	ADJUST GUARDRAIL (15)	LF	300
21802EN	GUARDRAIL - STEEL W BEAM SINGLE FACE (7' POST) (12)	LF	10037.5
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	27
25078ED	THRIE-BEAM GUARDRAIL TRANSITION (TL-3)	EACH	4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	5
20191ED	OBJECT MARKER TYPE 3	EACH	5
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	1
2371	GUARDRAIL END TREATMENT TYPE 7 (10)	EACH	15
2381	REMOVE GUARDRAIL (2)	LF	4447
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	14
2397	TEMPORARY GUARDRAIL	LF	4175
2403	REMOVE CONCRETE MASONRY (18)	CY	5
2429	RIGHT OF WAY MONUMENT TYPE 1	EACH	229
2432	WITNESS POST	EACH	100
2469	CLEAN SINKHOLE (6)	EACH	5
2483	CHANNEL LINING CLASS II	TONS	565
2484	CHANNEL LINING CLASS III	TONS	1836
2545	CLEARING & GRUBBING (9)	LS	1
2562	TEMPORARY SIGNS	SF	1496
2568	MOBILIZATION	LS	1
2569	DEMOBILIZATION	LS	1
2585	EDGE KEY	LF	176
2602	FABRIC GEOTEXTILE CLASS 1 (7)	SY	2770
2603	FABRIC GEOTEXTILE CLASS 2 (1)	SY	172063
2607	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	SY	5666
2610	RETAINING WALL - GABION	CY	627
2625	REMOVE HEADWALLS (20)	EACH	21
2650	MAINTAIN & CONTROL TRAFFIC (21)	LS	1
2676	MOBILIZATION FOR MILLING & TEXTURING	LS	1
2677	ASPHALT PAVEMENT MILLING & TEXTURING (3)	TONS	456
2690	SAFELOADING (8)	CY	54.71
2696	SHOULDER RUMBLE STRIPS	LF	12700
2701	TEMPORARY SILT FENCE	LF	10985
2703	SILT TRAP TYPE A	EACH	66
2704	SILT TRAP TYPE B	EACH	66
2705	SILT TRAP TYPE C	EACH	66
2706	CLEAN SILT TRAP TYPE A	EACH	66
2707	CLEAN SILT TRAP TYPE B	EACH	66
2708	CLEAN SILT TRAP TYPE C	EACH	66
2726	STAKING	LS	1
2731	REMOVE STRUCTURE (17)	LS	2
2898	RELOCATE CRASH CUSHIONS	EACH	4
3171	CONCRETE BARRIER WALL TYPE 9T (16)	LF	1420
3262	CLEAN PIPE STRUCTURE	EACH	5
14086	W SERVICE SPECIAL (24)	EACH	1
5950	EROSION CONTROL BLANKET	SY	7008
5952	TEMPORARY MULCH	SY	190577
5953	TEMPORARY SEEDING & PROTECTION	SY	142933
5963	INITIAL FERTILIZER	TON	6
5964	MAINTENANCE FERTILIZER	TON	10

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
5985	SEEDING & PROTECTION	SY	192146
5990	SODDING	SY	267
5992	AGRICULTURAL LIMESTONE	TON	124
6511	PAVEMENT STRIPING - TEMPORARY PAINT - 6 INCH	LF	132998
6514	PAVEMENT STRIPING - PERMANENT PAINT - 4 INCH	LF	5570
6568	PAVEMENT MARKING - THERMO STOP BAR - 24 INCH	LF	185
6569	PAVE MARKING-THERMO CROSS-HATCH	SF	1270
6574	PAVE MARKING-THERMO CURV ARROW	EACH	22
8903	CRASH CUSHION TY VI CLASS BT TL3	EACH	4
24540	RIGHT OF WAY MONUMENT TYPE 3	EACH	16
10020NS	FUEL ADJUSTMENT	DOLLARS	\$164,405
10030NS	ASPHALT ADJUSTMENT	DOLLARS	\$212,057
20465EC	CLEAN CULVERT (13)	LS	1
20911ED	HIGH SLUMP 3000 PSI GROUT (22)	CY	1.3
23607EC	PAVE MARK THERMO-LANE REDUCTION ARROW	EACH	6
24423EC	TEMPORARY SHORING (14)	LS	1
20072E5805	GRANULAR EMBANKMENT (5)	TONS	4956
20318E5508	RELOCATE CONCRETE BARRIER WALL	LF	800
20458E5403	CENTERLINE RUMBLE STRIPS	LF	19093
21289ED	LONGITUDINAL EDGE KEY	LF	19507
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2
2697	EDGE LINE RUMBLE STRIPS	LF	30926
23274EN1JF	TURF REINFORCEMENT MAT TY 1	SY	21198
23275EN1JF	TURF REINFORCEMENT MAT TY 2	SY	40
6542	PAVEMENT STRIPING - THERMO - 6 INCH WHITE	LF	47715
6543	PAVEMENT STRIPING - THERMO - 6 INCH YELLOW	LF	34699

TOTAL EXCAVATION INCLUDES:

159812 CY COMMON EXCAVATION
 56285 CY SOLID ROCK
 1111 CY DITCH RIGHT
 3211 CY DITCH LEFT
 79 CY FROM PIPE SHEETS
 5168 CY EMBANKMENT BENCHING
 8955 CY TRANSVERSE BENCHING

234621 CY TOTAL EXCAVATION

96134 CY EMBANKMENT

- (1) 132368 SY FOR MAINLINE PAVEMENT
20809 SY FOR MOT PAVEMENT
870 SY FOR SPRINGS AND SEEPAGE AREAS (SEE GEOTECHNICAL NOTE 8)
30 SY FOR TREATMENT OF OPEN SINKHOLES (SEE GEOTECHNICAL NOTE 11)
5950 SY FOR SOFT AND SATURATED FOUNDATION AREAS (SEE GEOTECHNICAL NOTE 15)
11600 SY FOR ROCK DRAINAGE BLANKET AT ENDS OF BRUSHY FORK BRIDGE (SEE GEOTECHNICAL NOTE 18)
436 SY FOR BACKFILL BEHIND GABION WALL
- (2) THE DEPARTMENT WILL RETAIN OWNERSHIP OF EXISTING GUARDRAIL, GUARDRAIL POST, AND HARDWARE. AS PER THE STD. SPECIFICATIONS, THE CONTRACTOR WILL SALVAGE THE EXISTING GUARDRAIL AND ITS COMPONENTS AND DELIVER TO THE BAILEY BRIDGE YARD IN FRANKFORT, OR AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITY FOR REMOVING GUARDRAIL AND FOR CONSTRUCTING NEW GUARDRAIL IS FOR BIDDING PURPOSES ONLY. THE FINAL QUANTITIES FOR SALVAGING AND REPLACING GUARDRAIL WILL BE DETERMINED BY THE DEPARTMENT.
- (3) APPROXIMATED FROM CROSS SECTIONS AND ESTIMATED LONGITUDINAL EDGE KEY QUANTITY
- (4) 135 CY FOR SPRINGS AND SEEPAGE AREAS (SEE GEOTECHNICAL NOTE 8)
9100 CY FOR ROCK DRAINAGE BLANKET AT ENDS OF BRUSHY FORK BRIDGE (SEE GEOTECHNICAL NOTE 18)
- (5) 10 TONS FOR TREATMENT OF OPEN SINKHOLES (SEE GEOTECHNICAL NOTE 11)
1916 TONS FOR SOFT AND SATURATED FOUNDATION AREAS (SEE GEOTECHNICAL NOTE 15)
1830 TONS FOR EMBANKMENT STABILIZATION AT DRAINED AND REFILLED POND (SEE GEOTECHNICAL NOTE 20)
1200 TONS FOR BACKFILL BEHIND GABION WALL
- (6) FOR TREATMENT OF OPEN SINKHOLES OUTSIDE OF DISTURB LIMITS BUT WITHIN PROJECT RIGHT OF WAY (SEE GEOTECH NOTE NO. 12)
- (7) FOR EMBANKMENT STABILIZATION AT DRAINED AND REFILLED POND (SEE GEOTECHNICAL NOTE 20)
- (8) INCLUDES 6.07 CY FROM MAINTENANCE OF TRAFFIC (SAFELOAD TEMPORARY PIPES)
- (9) APPROXIMATELY 66 ACRES
- (10) INCLUDES 13 FOR MAINTENANCE OF TRAFFIC TEMPORARY GUARDRAIL LOCATIONS
- (11) FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY ESTIMATED AT 75 M GAL PER MILE
- (12) INCLUDES 125LF OF WEATHERED STEEL "W" BEAM GUARDRAIL
- (13) CLEAN OUT EXISTING 8'x4' RCBC TO BE EXTENDED
- (14) FOR MAINTENANCE OF TRAFFIC PIPE CONSTRUCTION
- (15) FOR ADJUSTMENTS AS NEEDED NEAR EXISTING BRIDGES WITH SHOULDER RECONSTRUCTION
- (16) WHERE TEMPORARY BARRIER IS REQUIRED OVER FINAL PAVEMENT LOCATIONS, TEMPORARY CONCRETE BARRIER MAY BE USED TO MINIMIZE DISTURBANCE
- (17) EXISTING 3'x3'x36" BOX CULVERT STA. 1248+06 AND BARN LEFT STA. 1203+65
- (18) REMOVAL OF EXISTING BOX CULVERT HEADWALLS
- (19) INCLUDES 93LF FROM PIPE SECTIONS
- (20) INCLUDES 13 HEADWALLS FROM PIPE SECTIONS
- (21) TO INCLUDE ALL ITEMS NOT QUANTIFIED HERE OR ON OTHER SUMMARY SHEETS NEEDED TO MAINTAIN TRAFFIC DURING CONSTRUCTION (ADDITIONAL EARTHWORK INCLUDES 4,150 CY EXC AND 7,850 CY EMB)
- (22) FOR GROUTED RIP RAP AT FLUME AT BRIDGE END
- (23) FOR USE ACROSS PARCEL 319 AND OTHERS AS DIRECTED BY THE ENGINEER
- (24) INSTALLATION TO INCLUDE 160LF OF 3" HDPE ENCASEMENT PIPE AND 160LF OF 1" HDPE SERVICE LINE (STA. 1193+50, SHEET R13)

GENERAL SUMMARY

PREPARED BY _____ DATE _____

CHECKED BY _____ DATE _____

APPROVED BY _____ DATE _____

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-108.50	R21

PREPARED BY _____	CHECKED BY _____	APPROVED BY _____
DATE _____	DATE _____	DATE _____

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
21	DRAINAGE BLANKET - EMBANKMENT (4)	CY	9235
1310	REMOVE PIPE (19)	LF	159
1691	FLUME INLET TYPE 2	EACH	1
1585	REMOVE DBI	EACH	1
1982	DELINEATOR FOR GUARDRAIL - WHITE	EACH	144
1984	DELINEATOR FOR BARRIER - WHITE	EACH	28
2014	BARRICADE - TYPE III	EACH	30
2091	REMOVE PAVEMENT	SY	2225
2159	TEMPORARY DITCH	LF	10985
2160	CLEAN TEMPORARY DITCHES	LF	5493
2200	ROADWAY EXCAVATION	CY	234621
2242	WATER (11)	M GALS	315
2259	FENCE-TEMP (23)	LF	3490
2350	ADJUST GUARDRAIL (15)	LF	300
21802EN	GUARDRAIL - STEEL W BEAM SINGLE FACE (7' POST) (12)	LF	10037.5
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	27
25078ED	THRIE-BEAM GUARDRAIL TRANSITION (TL-3)	EACH	4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	5
20191ED	OBJECT MARKER TYPE 3	EACH	5
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	1
2371	GUARDRAIL END TREATMENT TYPE 7 (10)	EACH	15
2381	REMOVE GUARDRAIL (2)	LF	4447
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	14
2397	TEMPORARY GUARDRAIL	LF	4175
2403	REMOVE CONCRETE MASONRY (18)	CY	5
2429	RIGHT OF WAY MONUMENT TYPE 1	EACH	229
2432	WITNESS POST	EACH	100
2469	CLEAN SINKHOLE (6)	EACH	5
2483	CHANNEL LINING CLASS II	TONS	565
2484	CHANNEL LINING CLASS III	TONS	1836
2545	CLEARING & GRUBBING (9)	LS	1
2562	TEMPORARY SIGNS	SF	1496
2568	MOBILIZATION	LS	1
2569	DEMOLITION	LS	1
2585	EDGE KEY	LF	176
2602	FABRIC GEOTEXTILE CLASS 1 (7)	SY	2770
2603	FABRIC GEOTEXTILE CLASS 2 (1)	SY	172063
2607	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	SY	5666
2610	RETAINING WALL - GABION	CY	627
2625	REMOVE HEADWALLS (20)	EACH	21
2650	MAINTAIN & CONTROL TRAFFIC (21)	LS	1
2676	MOBILIZATION FOR MILLING AND TEXTURING (3)	LS	1
2677	ASPHALT PAVEMENT MILLING & TEXTURING (3)	TONS	456
2698	SAERLOADING (3)	CY	54721
2696	SHOULDER RUMBLE STRIPS	LF	12700
2701	TEMPORARY SILT FENCE	LF	10985
2703	SILT TRAP TYPE A	EACH	66
2704	SILT TRAP TYPE B	EACH	66
2705	SILT TRAP TYPE C	EACH	66
2706	CLEAN SILT TRAP TYPE A	EACH	66
2707	CLEAN SILT TRAP TYPE B	EACH	66
2708	CLEAN SILT TRAP TYPE C	EACH	66
2726	STAKING	LS	1
2731	REMOVE STRUCTURE (17)	LS	2
2898	RELOCATE CRASH CUSHIONS	EACH	4
3171	CONCRETE BARRIER WALL TYPE 9T (16)	LF	1420
3262	CLEAN PIPE STRUCTURE	EACH	5
14086	W SERVICE SPECIAL (24)	EACH	1
5950	EROSION CONTROL BLANKET	SY	7008
5952	TEMPORARY MULCH	SY	190577
5953	TEMPORARY SEEDING & PROTECTION	SY	142933
5963	INITIAL FERTILIZER	TON	6
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10030NS	ASPHALT ADJUSTMENT	DOLLARS	\$212,057
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6543	PAVEMENT STRIPING - THERMO - 6 INCH YELLOW	LF	34699

UPDATED PAVEMENT MILLING AND TEXTURING QUANTITY AND MODIFIED NOTE AND ADDED LONGITUDINAL EDGE KEY QUANTITY

- (1) 132368 SY FOR MAINLINE PAVEMENT
- (2) 20809 SY FOR MOT PAVEMENT
- (3) 870 SY FOR SPRINGS AND SEEPAGE AREAS (SEE GEOTECHNICAL NOTE 8)
- (4) 30 SY FOR TREATMENT OF OPEN SINKHOLES (SEE GEOTECHNICAL NOTE 11)
- (5) 5950 SY FOR SOFT AND SATURATED FOUNDATION AREAS (SEE GEOTECHNICAL NOTE 15)
- (6) 11600 SY FOR ROCK DRAINAGE BLANKET AT ENDS OF BRUSHY FORK BRIDGE (SEE GEOTECHNICAL NOTE 18)
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- (8) THE DEPARTMENT WILL RETAIN OWNERSHIP OF EXISTING GUARDRAIL, GUARDRAIL POST, AND HARDWARE. AS PER THE STD. SPECIFICATIONS, THE CONTRACTOR WILL SALVAGE THE EXISTING GUARDRAIL AND ITS COMPONENTS AND DELIVER TO THE BAILEY BRIDGE YARD IN FRANKFORD, OR AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITY FOR REMOVING GUARDRAIL AND FOR CONSTRUCTING NEW GUARDRAIL IS FOR BIDDING PURPOSES ONLY. THE FINAL QUANTITIES FOR SALVAGING AND REPLACING GUARDRAIL WILL BE DETERMINED BY THE DEPARTMENT.
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- (12) 10 TONS FOR TREATMENT OF OPEN SINKHOLES (SEE GEOTECHNICAL NOTE 11)
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- (14) 1830 TONS FOR EMBANKMENT STABILIZATION AT DRAINED AND REFILLED POND (SEE GEOTECHNICAL NOTE 20)
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- (16) FOR TREATMENT OF OPEN SINKHOLES OUTSIDE OF DISTURB LIMITS BUT WITHIN PROJECT RIGHT OF WAY (SEE GEOTECH NOTE NO. 12)
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