



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

April 25, 2017

CALL NO. 104
CONTRACT ID NO. 171009
ADDENDUM # 3

Subject: Bullitt County, STPM 3001 (503)
Letting April 28, 2017

- (1) Revised - Plans - R2E
- (2) Revised - Bid Items - Pages 148-151 of 151

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

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

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

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

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

RM:ks
Enclosures



An Equal Opportunity Employer M/F/D

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BULLITT	5-293.00	R2E

ITEM	DESCRIPTION	UNIT	MAINLINE	BEECH GROVE RD	OAK GROVE RD	WWTP ROAD	KY 61	PROJECT TOTALS
69	CRUSHED AGGREGATE SIZE NO. 3 (2)	TON	1680					1680
1000	PERFORATED PIPE - 4 IN	L.F.	50					50
1010	NON - PERFORATED PIPE - 4 IN	L.F.	15					15
1028	PERFORATED PIPE HEADWALL TY 3-4 IN	EACH	1					1
1792	ADJUST MANHOLE	EACH	4					4
1880	BARRIER HEADER CURB	L.F.					43	43
1987	DELINEATOR FOR GUARDRAIL BW	EACH	36			2	6	44
2013	BARRICADE - TYPE II	EACH	2					2
2014	BARRICADE - TYPE III	EACH	6		1	1		8
2091	REMOVE PAVEMENT	S.Y.	119.4				24.3	143.7
2159	TEMP DITCH	L.F.	3,192	70	112	348	1,078	4,800
2223	GRANULAR EMBANKMENT (2)	C.Y.	22					22
2230	EMBANKMENT IN PLACE (1)	C.Y.	44,340	9	362	412	466	47,064
2351	GUARDRAIL - STEEL W BEAM - S FACE	L.F.	2695.7		12.5	157.3	721.3	3,586.8
2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	3		2	1	3	9
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH					1	1
2371	GUARDRAIL END TREATMENT TYPE 7	EACH				1		1
2381	REMOVE GUARDRAIL	L.F.					418	418
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	3					3
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	19			2		21
2432	WITNESS POST (5)	EACH	5					5
2483	CHANNEL LINING - CLASS II (4)	TONS	84			0.8		84.8
2484	CHANNEL LINING - CLASS III	TONS	84					84
2545	CLEARING AND GRUBBING (3)	LP SUM	1					1
2562	SIGNS	S.F.	158					158
2568	MOBILIZATION	LP SUM	1					1
2569	DEMobilIZATION	LP SUM	1					1
2585	EDGE KEY	L.F.	19	22	21.5	22	47	131.5
2599	GEOTEXTILE FABRIC TYPE IV (2)	S.Y.	6,711					6,711
2650	MAINTAIN & CONTROL TRAFFIC	LP SUM	1					1
2701	TEMP SILT FENCE	L.F.	1,596	35	56	174	539	2,400
2703	SILT TRAP TYPE A	EACH	9				2	11
2704	SILT TRAP TYPE B	EACH	9				2	11
2705	SILT TRAP TYPE C	EACH	9				2	11
2706	CLEAN SILT TRAP TYPE A	EACH	9				2	11
2707	CLEAN SILT TRAP TYPE B	EACH	9				2	11
2708	CLEAN SILT TRAP TYPE C	EACH	9				2	11
2720	SIDEWALK - 4 IN CONCRETE	S.Y.	28					28
2726	STAKING	LP SUM	1					1
3433	RELOCATE FIRE HYDRANT	EACH	1					1
5950	EROSION CONTROL BLANKET (9)	S.Y.	15,635	11		159	2,695	18,500
5952	TEMP MULCH	S.Y.	36,446				2,274	38,720
5963	INITIAL FERTILIZER (6)	TON	0.7					0.7
5964	20-10-10 FERTILIZER (7)	TON	1.2					1.2
5985	SEEDING AND PROTECTION (10)	S.Y.	26,301				2,561	28,862
5990	SODDING	S.Y.	7,384				2,474	9,858
5992	AGRICULTURAL LIMESTONE (8)	TON	14					14
6514	PAVE STRIPING - PERM. PAINT - 4"	L.F.	12,066	161			3,844	16,071
6568	PAVE MARKING - THERMO STOP BAR - 24"	L.F.	23	15	10	10	48	106
6570	PAVE MARKING - PAINT CROSS-HATCH	SOFT					1,391	1,391
6574	PAVE MARKING - THERMO CURV ARROW	EACH	4				6	10
10020NS	FUEL ADJUSTMENT	DOLL	29,497					29,497
10030NS	ASPHALT ADJUSTMENT	DOLL	29,560					29,560
20362ES403	SHOULDER RUMBLE STRIPS-SAWED	L.F.	5,425					5,425
21289ED	LONGITUDINAL EDGE KEY	L.F.					1,505	1,505
23131ER701	PIPELINE VIDEO INSPECTION	L.F.	1,247					1,247
23274EN11F	TURF REINFORCEMENT MAT 1	S.Y.	807		105	260	284	1,456

NOTES:

EARTHWORK CALCULATIONS

<p><u>EMBANKMENT</u></p> <p>44,340 9 362 412 466 45,589</p>	<p><u>EXCAVATION</u></p> <p>4,001 111 53 478 537 5,180</p>	<p>MAINLINE BEECH GROVE RD OAK GROVE RD WWTP RD KY 61</p>
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ESTIMATE FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTORS RESPONSIBILITY.

① ROADWAY EMBANKMENT INCLUDES

45,589 - TOTAL EMB.
490 - FOUNDATION BENCHING (KY 61)
985 - TRANSVERSE BENCHING (MAINLINE)
47,064

② ESTIMATE BASED ON GEOTECHNICAL ROADWAY REPORT (1000' L.F. FOR SUBGRADE PROBLEMS - SEE GEOTECH NOTE #8 & 300' L.F. FOR EMBANKMENT PROBLEMS - SEE GEOTECH NOTE #7)

③ APPROX. 8 ACRES

④ INCLUDES QUANTITIES FOR OUTLET PROTECTION

⑤ ESTIMATED AT 25% OF R/W MONUMENTS

⑥ ESTIMATED AT 300 LBS./ACRE

⑦ ESTIMATED AT 11.5 LBS./1000 S.F.

⑧ ESTIMATED AT 3 TONS/ACRE

⑨ INCLUDES 13,352 S.Y. MAINLINE & 2,561 S.Y. KY 61. FOR SLOPES GREATER THAN 3:1.

⑩ USE TYPE I SEED MIX ON ENTIRE PROJECT

FOR PAVING QUANTITIES -
SEE PAVING SUMMARY SHEET

FOR PIPE DRAINAGE QUANTITIES -
SEE PIPE DRAINAGE SUMMARY SHEETS

FILE NAME: U:\05811 - BEECH GROVE RD BYPASS 05-293.00.ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ROO20E5U
 USER: Snodgrass
 DATE PLOTTED: April 25, 2017
 E-SHEET NAME: ROO20E5U
 MicroStation v8.11.9.459

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
BULLITT	5-293.00	R2E

REVISED 4-25-17

ITEM	DESCRIPTION	UNIT	MAINLINE	BEECH GROVE RD	OAK GROVE RD	WWTP ROAD	KY 61					PROJECT TOTALS
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1792	ADJUST MANHOLE	EACH	4									4
1880	BARRIER HEADER CURB	L.F.					43					43
1987	DELINEATOR FOR GUARDRAIL BW	EACH	36			2	6					44
2013	BARRICADE - TYPE II	EACH	2									2
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2091	REMOVE PAVEMENT	S.Y.	119.4				24.3					143.7
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2223	GRANULAR EMBANKMENT (2)	C.Y.	22									22
2230	EMBANKMENT IN PLACE (1)	C.Y.	44,340	9	362	412	466					47,064
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2360	GUARDRAIL TERMINAL SECTION NO. 1	EACH	3		2	1	3					9
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH					1					1
2371	GUARDRAIL END TREATMENT TYPE 7	EACH				1						1
2381	REMOVE GUARDRAIL	L.F.					418					418
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	3									3
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6570	PAVE MARKING - PAINT CROSS-HATCH	SOFT					1,391					1,391
6574	PAVE MARKING - THERMO CURV ARROW	EACH	4				6					10
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- ⑩ USE TYPE I SEED MIX ON ENTIRE PROJECT

ITEM 4820 TRENCHING & BACKFILLING WAS DELETE

FOR PAVING QUANTITIES - SEE PAVING SUMMARY SHEET

FOR PIPE DRAINAGE QUANTITIES - SEE PIPE DRAINAGE SUMMARY SHEETS

FILE NAME: U:\05811 - BEECH GROVE RD BYPASS 05-293.00.ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ROADDESIGN.MXD
 USER: Snodgrass
 DATE PLOTTED: April 25, 2017
 E-SHEET NAME: R0020ESU
 MicroStation v8.11.9.459

PROPOSAL BID ITEMS

Report Date 4/25/17

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	8,198.00	TON		\$	
0020	00020		TRAFFIC BOUND BASE	86.00	TON		\$	
0030	00190		LEVELING & WEDGING PG64-22	50.00	TON		\$	
0040	00212		CL2 ASPH BASE 1.00D PG64-22	5,371.00	TON		\$	
0050	00214		CL3 ASPH BASE 1.00D PG64-22	956.00	TON		\$	
0060	00301		CL2 ASPH SURF 0.38D PG64-22	838.00	TON		\$	
0070	00339		CL3 ASPH SURF 0.38D PG64-22	332.00	TON		\$	
0080	02101		CEM CONC ENT PAVEMENT-8 IN	647.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0090	00069		CRUSHED AGGREGATE SIZE NO 3	1,680.00	TON		\$	
0100	01000		PERFORATED PIPE-4 IN	50.00	LF		\$	
0110	01010		NON-PERFORATED PIPE-4 IN	15.00	LF		\$	
0120	01028		PERF PIPE HEADWALL TY 3-4 IN	1.00	EACH		\$	
0130	01792		ADJUST MANHOLE	4.00	EACH		\$	
0140	01880		BARRIER HEADER CURB	43.00	LF		\$	
0150	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	44.00	EACH		\$	
0160	02013		BARRICADE-TYPE II	2.00	EACH		\$	
0170	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0180	02091		REMOVE PAVEMENT	143.70	SQYD		\$	
0190	02159		TEMP DITCH	4,800.00	LF		\$	
0200	02223		GRANULAR EMBANKMENT	22.00	CUYD		\$	
0210	02230		EMBANKMENT IN PLACE	47,064.00	CUYD		\$	
0220	02351		GUARDRAIL-STEEL W BEAM-S FACE	3,586.80	LF		\$	
0230	02360		GUARDRAIL TERMINAL SECTION NO 1	9.00	EACH		\$	
0240	02369		GUARDRAIL END TREATMENT TYPE 2A	1.00	EACH		\$	
0250	02371		GUARDRAIL END TREATMENT TYPE 7	1.00	EACH		\$	
0260	02381		REMOVE GUARDRAIL	418.00	LF		\$	
0270	02391		GUARDRAIL END TREATMENT TYPE 4A	3.00	EACH		\$	
0280	02429		RIGHT-OF-WAY MONUMENT TYPE 1	21.00	EACH		\$	
0290	02432		WITNESS POST	5.00	EACH		\$	
0300	02483		CHANNEL LINING CLASS II	84.80	TON		\$	
0310	02484		CHANNEL LINING CLASS III	84.00	TON		\$	
0320	02545		CLEARING AND GRUBBING 8 ACRES	1.00	LS		\$	
0330	02562		TEMPORARY SIGNS	158.00	SQFT		\$	
0340	02585		EDGE KEY	131.50	LF		\$	
0350	02599		FABRIC-GEOTEXTILE TYPE IV	6,711.00	SQYD		\$	
0360	02605		REMOVE & RESET FIRE HYDRANT	1.00	EACH		\$	
0370	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0380	02696		SHOULDER RUMBLE STRIPS	5,425.00	LF		\$	
0390	02701		TEMP SILT FENCE	2,400.00	LF		\$	
0400	02703		SILT TRAP TYPE A	11.00	EACH		\$	
0410	02704		SILT TRAP TYPE B	11.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 4/25/17

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	02705		SILT TRAP TYPE C	11.00	EACH		\$	
0430	02706		CLEAN SILT TRAP TYPE A	11.00	EACH		\$	
0440	02707		CLEAN SILT TRAP TYPE B	11.00	EACH		\$	
0450	02708		CLEAN SILT TRAP TYPE C	11.00	EACH		\$	
0455	02720		SIDEWALK-4 IN CONCRETE (REVISED: 4-25-17)	28.00	SQYD		\$	
0460	02726		STAKING	1.00	LS		\$	
0480	05950		EROSION CONTROL BLANKET	18,500.00	SQYD		\$	
0490	05952		TEMP MULCH	38,720.00	SQYD		\$	
0500	05963		INITIAL FERTILIZER	.70	TON		\$	
0510	05964		20-10-10 FERTILIZER	1.20	TON		\$	
0520	05985		SEEDING AND PROTECTION	28,862.00	SQYD		\$	
0530	05990		SODDING	9,858.00	SQYD		\$	
0540	05992		AGRICULTURAL LIMESTONE	14.00	TON		\$	
0550	06514		PAVE STRIPING-PERM PAINT-4 IN	16,071.00	LF		\$	
0560	06568		PAVE MARKING-THERMO STOP BAR-24IN	106.00	LF		\$	
0570	06570		PAVE MARKING-PAINT CROSS-HATCH	1,391.00	SQFT		\$	
0580	06574		PAVE MARKING-THERMO CURV ARROW	10.00	EACH		\$	
0590	10020NS		FUEL ADJUSTMENT	29,497.00	DOLL	\$1.00	\$	\$29,497.00
0600	10030NS		ASPHALT ADJUSTMENT	29,560.00	DOLL	\$1.00	\$	\$29,560.00
0610	21289ED		LONGITUDINAL EDGE KEY	1,505.00	LF		\$	
0620	23274EN11F		TURF REINFORCEMENT MAT 1	1,456.00	SQYD		\$	
0630	24814EC		PIPELINE INSPECTION	1,247.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0640	00440		ENTRANCE PIPE-15 IN	81.00	LF		\$	
0650	00441		ENTRANCE PIPE-18 IN	32.00	LF		\$	
0660	00450		ENTRANCE PIPE-15 IN EQUIV	408.00	LF		\$	
0670	00451		ENTRANCE PIPE-18 IN EQUIV	75.00	LF		\$	
0680	00461		CULVERT PIPE-15 IN	66.00	LF		\$	
0690	00462		CULVERT PIPE-18 IN	69.00	LF		\$	
0700	00464		CULVERT PIPE-24 IN	226.00	LF		\$	
0710	00472		CULVERT PIPE-60 IN	137.00	LF		\$	
0720	00492		CULVERT PIPE-24 IN EQUIV	43.00	LF		\$	
0730	00522		STORM SEWER PIPE-18 IN	114.00	LF		\$	
0740	00524		STORM SEWER PIPE-24 IN	43.00	LF		\$	
0750	01204		PIPE CULVERT HEADWALL-18 IN	1.00	EACH		\$	
0760	01208		PIPE CULVERT HEADWALL-24 IN	4.00	EACH		\$	
0770	01220		PIPE CULVERT HEADWALL-60 IN	2.00	EACH		\$	
0780	01310		REMOVE PIPE	8.00	LF		\$	
0790	01391		METAL END SECTION TY 3-18 IN	2.00	EACH		\$	
0800	01393		METAL END SECTION TY 3-24 IN	1.00	EACH		\$	
0810	01511		DROP BOX INLET TYPE 5D	1.00	EACH		\$	
0820	01643		JUNCTION BOX-24 IN	1.00	EACH		\$	
0830	01767		MANHOLE TYPE C	1.00	EACH		\$	
0840	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	1,344.00	SQYD	\$2.00	\$	\$2,688.00
0850	02625		REMOVE HEADWALL	2.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 4/25/17

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0860	22572NN		METAL END SECTION TY 3-24 IN-EQUIV	2.00	EACH		\$	

Section: 0004 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0870	04792		CONDUIT-1 IN	31.00	LF		\$	
0880	04793		CONDUIT-1 1/4 IN	45.00	LF		\$	
0890	04795		CONDUIT-2 IN	44.00	LF		\$	
0900	04811		ELECTRICAL JUNCTION BOX TYPE B	3.00	EACH		\$	
0910	04820		TRENCHING AND BACKFILLING	55.00	LF		\$	
0920	04830		LOOP WIRE	1,960.00	LF		\$	
0930	04844		CABLE-NO. 14/5C	630.00	LF		\$	
0940	04850		CABLE-NO. 14/1 PAIR	960.00	LF		\$	
0950	04885		MESSENGER-10800 LB	310.00	LF		\$	
0960	04895		LOOP SAW SLOT AND FILL	755.00	LF		\$	
0970	04931		INSTALL CONTROLLER TYPE 170	1.00	EACH		\$	
0980	04932		INSTALL STEEL STRAIN POLE	4.00	EACH		\$	
0990	20188NS835		INSTALL LED SIGNAL-3 SECTION	6.00	EACH		\$	
1000	20266ES835		INSTALL LED SIGNAL- 4 SECTION	1.00	EACH		\$	
1010	23157EN		TRAFFIC SIGNAL POLE BASE	19.40	CUYD		\$	
1020	23982EC		INSTALL ANTENNA	1.00	EACH		\$	

Section: 0005 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1030	14016		W ENCASEMENT STEEL OPEN CUT RANGE 5	40.00	LF		\$	
1040	14021		W FIRE HYDRANT REMOVE	3.00	EACH		\$	
1050	14037		W PIPE DUCTILE IRON 08 INCH	40.00	LF		\$	
1060	14039		W PIPE DUCTILE IRON 12 INCH	1,335.00	LF		\$	
1070	14040		W PIPE DUCTILE IRON 16 INCH	1,720.00	LF		\$	
1080	14041		W PIPE DUCTILE IRON 20 INCH	55.00	LF		\$	
1090	14050		W PIPE DCTL IRON RSTRND JOINT 12 IN	50.00	LF		\$	
1100	14074		W PLUG EXISTING MAIN	7.00	EACH		\$	
1110	14095		W TIE-IN 08 INCH (REVISED: 4-19-17)	3.00	EACH		\$	
1120	14097		W TIE-IN 12 INCH (REVISED: 4-19-17)	2.00	EACH		\$	
1130	14098		W TIE-IN 16 INCH	2.00	EACH		\$	
1140	14099		W TIE-IN 20 INCH	1.00	EACH		\$	
1150	14106		W VALVE 08 INCH	1.00	EACH		\$	
1160	14108		W VALVE 12 INCH	5.00	EACH		\$	
1170	14109		W VALVE 16 INCH	2.00	EACH		\$	
1190	14510		W FIRE HYDRANT ASSEMBLY INST	4.00	EACH		\$	
1200	14567		W SERVICE RELOCATE INST (REVISED: 4-19-17)	9.00	EACH		\$	
1210	14567		W SERVICE RELOCATE INST TRANSFER SERVICE, NOT RELOCATE	5.00	EACH		\$	
1220	14572		W SERVICE SPECIAL INST DISCONTINUE 3/4" LINE	1.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 4/25/17

Section: 0006 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1230	02568		MOBILIZATION	1.00	LS		\$	
1240	02569		DEMOBILIZATION	1.00	LS		\$	