

Matthew G. Bevin Governor

COMMONWEALTH OF KENTUCKY TRANSPORTATION CABINET

Frankfort, Kentucky 40622 www.transportation.ky.gov/

Greg Thomas Secretary

May 24, 2016

CALL NO. 103

CONTRACT ID NO. 161230

ADDENDUM # 2

Subject: Hopkins County, STP BRO 8023 (011)

Letting May 27, 2016

(1) Revised - Plan Sheets - R2A & R2B

(2) Revised - Bid Items - Pages 249-250 of 250

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,

Rachel Mills, P.E.

Director

Division of Construction Procurement

Kachel Mille

RM:ks

Enclosures



GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
1987	DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE	EACH	8
2014	BARRICADE - TYPE III	EACH	4
2200	ROADWAY EXCAVATION 5	CY	2759
2351	GUARDRAIL-STEEL W BEAM-S FACE	LF	737.5
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	1
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	3
2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	14
2432	WITNESS POSTS	EACH	3
2545	CLEARING & GRUBBING (2)	LS	1
2562	TEMPORARY SIGNS	SF	115
2569	DEMOBILIZATION	LS	1
2585	EDGE KEY	LF	45
2599	FABRIC-GEOTEXTILE TYPE IV	SY	2000
2650	MAINTAIN & CONTROL TRAFFIC	LS	744
2701	TEMPORARY SILT FENCE	LF	344
2704	SILT TRAP TYPE B	EACH	2 2
2707	CLEAN SILT TRAP TYPE B	EACH	ζ .
2726	REMOVE STRUCTURE (3)	LS	1
2731 5950	EROSION CONTROL BLANKET	LS SY	81
5950 5952	TEMPORARY MULCH	SY	2082
5963	INITIAL FERTILIZER	TON	0.1
5964	20-10-10 FERTILIZER	TON	0.1
5985	SEEDING & PROTECTION	SY	2082
5992	AGRICULTURAL LIMESTONE	TON	2
6514	PAVEMENT STRIPING-PERM PAINT-4 IN YELLOW	LF	724
6562	PAVE MARKING-THERMO R 6 FT	EACH	2
6563	PAVE MARKING-R/R XBUCKS 16 IN	LF	43
6568	PAVE MARKING-THERMO STOP BAR-24 IN	LF	49

PAVING SUMMARY

HOPKINS	2-1079.00	R2A
COUNTY OF	ITEM NO.	SHEET NO.

ITEM CODE	ITEM	UNIT	TOTAL
1	DGA BASE (1)	TON	652
78	CRUSHED AGGREGATE SIZE NO 2 (1)	TON	3532
100	ASPHALT SEAL AGGREGATE	TON	6
103	ASPHALT SEAL COAT	TON	1
221	CL2 ASPH BASE 0.75D PG64-22 4	TON	583
301	CL2 ASPH SURFACE 0.38D PG64-22	TON	108

PAVING AREAS

ITEM										TOTAL	וטפנטער
	S	Q	U	Α	R	Ε	Υ	Α	R	D	S
CRUSHED AGGREGATE SIZE NO. 2s, 3s, or 23s (2'THICK)											
DGA BASE (4" THICK)										283	55
CL2 ASPH BASE 0.75D PG64-22 (3.0" THICK)										162	2
CL2 ASPH BASE 0.75D PG64-22 (3.0" THICK)										158	8
CL2 ASPH SURFACE 0.38D PG64-22 (1.25" THICK)										157	6

NOTES:

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

- (1) ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH. INCLUDES ADDITIONAL QUANTITY FOR SHOULDER SAFETY EDGE AND GUARDRAIL
- ② ESTIMATED AT 1.93 ACRES
- (3) REMOVAL INCLUDES ATTACHED EXISTING GUARDRAIL
- 4 10% ADDED TO ORIGINAL QUANTITY FOR LEVELING & WEDGING

EMBANKMENT

354 CU. YDS. EMBANKMENT IN PLACE 1327 CU. YDS. EMBANKMENT BENCHING

5 EXCAVATION

2759 CU. YDS. COMMON EXCAVATION

NOTE: EMBANKMENT BENCHING QUANTITY INCLUDED IN EXCAVATION.

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

GENERAL SUMMARY

BEST	ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
2200 ROADWAY EXCAVATION ⑤ CY 2759 2331 GUARDRAIL-STEEL W BEAM-S FACE LF 737.5 2360 GUARDRAIL TERMINAL SECTION NO I EACH I 2367 GUARDRAIL END TREATMENT TYPE I EACH I 2429 RIGHT-OF-WAY MONUMENT TYPE I EACH I4 2432 WITNESS POSTS EACH 3 2545 CLEARING & GRUBBING ② LS I 2562 TEMPORRAY SIGNS SF III5 2569 DEMOBILIZATION LS I 2569 DEMOBILIZATION LS I 2599 FABRIC-GEOTEXTILE TYPE IV SY 2000 2599 FABRIC-GEOTEXTILE TYPE IV SY 2000 2650 MAINTAIN & CONTROL TRAFFIC LS I 2701 TEMPORRAY SILT FENCE LF 344 2704 SILT TRAP TYPE B EACH 2 2707 CLEAN SILT TRAP TYPE B EACH 2 2728 STAKING LS I	1987	DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE	EACH	8
2351 GUARDRAIL-STEEL W BEAM-S FACE	2014	BARRICADE - TYPE III	EACH	4
CUARDRAIL TERMINAL SECTION NO I	2200	ROADWAY EXCAVATION 5	CY	2759
2367 GUARDRAIL END TREATMENT TYPE EACH 3	2351	GUARDRAIL-STEEL W BEAM-S FACE	LF	737.5
2429 RIGHT-OF-WAY MONUMENT TYPE I EACH 14 2432 WITNESS POSTS EACH 3 2545 CLEARING & GRUBBING ② LS 1 2562 TEMPORARY SIGNS SF II5 2569 DEMOBILIZATION LS 1 2585 EDCE KEY LF 45 2599 FABRIC-GEOTEXTILE TYPE IV SY 2000 2650 MAINTAIN & CONTROL TRAFFIC LS 1 2701 TEMPORARY SILT FENCE LF 344 2704 SILT TRAP TYPE B EACH 2 2707 CLEAN SILT TRAP TYPE B EACH 2 2726 STAKING LS 1 2731 REMOVE STRUCTURE ③ LS 1 2732 REOSION CONTROL BLANKET SY 81 5950 EROSION CONTROL BLANKET SY 81 5952 TEMPORARY MULCH SY 2082 5963 INITIAL FERTILIZER TON 0.1 5985 SEEDING & PROTECTION SY 2082 5985 SEEDING & PROT	2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	1
2432 WITNESS POSTS	2367	GUARDRAIL END TREATMENT TYPE 1	EACH	3
2545 CLEARING & GRUBBING ② LS I 2562 TEMPORARY SIGNS SF II5 2569 DEMOBILIZATION LS I 2585 EDGE KEY LF 45 2599 FABRIC-GEOTEXTILE TYPE IV SY 2000 2650 MAINTAIN & CONTROL TRAFFIC LS I 2701 TEMPORARY SILT FENCE LF 344 2704 SILT TRAP TYPE B EACH 2 2707 CLEAN SILT TRAP TYPE B EACH 2 2726 STAKING LS I 2731 REMOYE STRUCTURE ③ LS I 5950 EROSION CONTROL BLANKET SY 81 5952 TEMPORARY MULCH SY 2082 5963 INITIAL FERTILIZER TON 0,1 5964 20-10-10 FERTILIZER TON 0,1 5985 SEDING & PROTECTION SY 2082 5992 AGRICULTURAL LIMESTONE TON 2 6514	2429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	14
TEMPORARY SIGNS	2432		EACH	3
2569 DEMOBILIZATION LS	2545	CLEARING & GRUBBING (2)	LS	1
2585 EDGE KEY	2562	TEMPORARY SIGNS	SF	115
SY 2000	2569			1
2650 MAINTAIN & CONTROL TRAFFIC LS 1 2701 TEMPORARY SILT FENCE LF 344 2704 SILT TRAP TYPE B EACH 2 2707 CLEAN SILT TRAP TYPE B EACH 2 2726 STAKING LS 1 2731 REMOVE STRUCTURE ③ LS 1 5950 EROSION CONTROL BLANKET SY 81 5952 TEMPORARY MULCH SY 2082 5963 INITIAL FERTILIZER TON 0.1 5964 20-10-10 FERTILIZER TON 0.1 5985 SEEDING & PROTECTION SY 2082 5992 AGRICULTURAL LIMESTONE TON 2 6514 PAVEMENT STRIPING-PERM PAINT-4 IN YELLOW LF 724 6562 PAVE MARKING-THERMO R 6 FT EACH 2 6563 PAVE MARKING-R/R XBUCKS 16 IN LF 43 6568 PAVE MARKING-THERMO STOP BAR-24 IN LF 49	2585			45
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2707 CLEAN SILT TRAP TYPE B EACH 2 2726 STAKING LS 1 2731 REMOVE STRUCTURE (3) LS 1 5950 EROSION CONTROL BLANKET SY 81 5952 TEMPORARY MULCH SY 2082 5963 INITIAL FERTILIZER TON 0.1 5964 20-10-10 FERTILIZER TON 0.1 5985 SEEDING & PROTECTION SY 2082 5992 AGRICULTURAL LIMESTONE TON 2 6514 PAVEMENT STRIPING-PERM PAINT-4 IN YELLOW LF 724 6562 PAVE MARKING-THERMO R 6 FT EACH 2 6563 PAVE MARKING-THERMO STOP BAR-24 IN LF 43 6568 PAVE MARKING-THERMO STOP BAR-24 IN LF 49				
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PAVING SUMMARY

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REVISED 5-24-16

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PAVING AREAS

ITEM										TOTAL	וטפנטער
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354 CU. YDS. EMBANKMENT IN PLACE 1327 CU. YDS. EMBANKMENT BENCHING

5 EXCAVATION

2759 CU. YDS. COMMON EXCAVATION

NOTE: EMBANKMENT BENCHING QUANTITY INCLUDED IN EXCAVATION.

NOTE:
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ARE FOR INFORMATION ONLY. ASSUMPTIONS
FOR SHRINKAGE AND SWELL FACTORS ARE
THE CONTRACTORS RESPONSIBILITY.

GENERAL & SPECIAL NOTES

GENERAL NOTES

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.

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 THEN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) 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. UTILITIES AND A CONTACT PERSON FOR EACH COMPANY IS SHOWN ON SHEET NO. R3 OF THE PLANS.

DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ACQUIRE THE KY R10 PERMIT.

SPECIFICATIONS: REFERENCES TO THE SPECIFICATIONS ARE TO THE CURRENT EDITION OF THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION INCLUDING ANY CURRENT SUPPLEMENTAL SPECIFICATIONS. ALL REFERENCES TO THE AASHTO SPECIFICATIONS ARE TO THE CURRENT EDITION OF THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, WITH INTERIMS.

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) 564-3670

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 (PER METER) FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

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> USER: rcaudill DATE PLOTTED: March 28, 201

E-SHEET NAME:

REVISED 5-24-2016

GENERAL NOTES

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

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SCALE: 1"=N/A

GENERAL NOTES

161230

PROPOSAL BID ITEMS

Contract ID: 161230 Page 249 of 250

REVISED ADDENDUM #2: 5-24-16

Page 1 of 2

Report Date 5/24/16

Section: 0001 - PAVING

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001	DGA BASE	652.00	TON		\$	
0020	00078	CRUSHED AGGREGATE SIZE NO 2	3,532.00	TON		\$	
0030	00100	ASPHALT SEAL AGGREGATE	6.00	TON		\$	
0040	00103	ASPHALT SEAL COAT	1.00	TON		\$	
0050	00221	CL2 ASPH BASE 0.75D PG64-22	583.00	TON		\$	
0060	00301	CL2 ASPH SURF 0.38D PG64-22	108.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0070	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH		\$	
0800	02014		BARRICADE-TYPE III	4.00	EACH		\$	
0090	02200		ROADWAY EXCAVATION	2,759.00	CUYD		\$	
0100	02351		GUARDRAIL-STEEL W BEAM-S FACE	737.50	LF		\$	
0110	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
0120	02367		GUARDRAIL END TREATMENT TYPE 1	3.00	EACH		\$	
0130	02429		RIGHT-OF-WAY MONUMENT TYPE 1	14.00	EACH		\$	
0140	02432		WITNESS POST	3.00	EACH		\$	
0150	02545		CLEARING AND GRUBBING (APPROXIMATELY 1.93 ACRES)	1.00	LS		\$	
0160	02562		TEMPORARY SIGNS	115.00	SQFT		\$	
0170	02585		EDGE KEY	45.00	LF		\$	
0180	02599		FABRIC-GEOTEXTILE TYPE IV	2,000.00	SQYD		\$	
0190	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0200	02701		TEMP SILT FENCE	344.00	LF		\$	
0210	02704		SILT TRAP TYPE B	2.00	EACH		\$	
0220	02707		CLEAN SILT TRAP TYPE B	2.00	EACH		\$	
0230	02726		STAKING	1.00	LS		\$	
0240	02731		REMOVE STRUCTURE	1.00	LS		\$	
0250	05950		EROSION CONTROL BLANKET	81.00	SQYD		\$	
0260	05952		TEMP MULCH	2,082.00	SQYD		\$	
0270	05963		INITIAL FERTILIZER	.10	TON		\$	
0280	05964		20-10-10 FERTILIZER	.10	TON		\$	
0290	05985		SEEDING AND PROTECTION	2,082.00	SQYD		\$	
0300	05992		AGRICULTURAL LIMESTONE	2.00	TON		\$	
0310	06514		PAVE STRIPING-PERM PAINT-4 IN	724.00	LF		\$	
0320	06562		PAVE MARKING-THERMO R 6 FT	2.00	EACH		\$	
0330	06563		PAVE MARKING-R/R XBUCKS 16 IN	43.00	LF		\$	
0340	06568		PAVE MARKING-THERMO STOP BAR-24IN	49.00	LF		\$	

Section: 0003 - BRIDGE - GREASY CREEK - DWG. 27382

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0360	02231		STRUCTURE GRANULAR BACKFILL	84.00	CUYD		\$	
0370	02355		GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF		\$	

161230

PROPOSAL BID ITEMS

Contract ID: 161230 Page 250 of 250

REVISED ADDENDUM #2: 5-24-16

Page 2 of 2

Report Date 5/24/16

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	02998		MASONRY COATING	60.00	SQYD		\$	
0390	03299		ARMORED EDGE FOR CONCRETE	56.00	LF		\$	
0400	08019		CYCLOPEAN STONE RIP RAP	517.00	TON		\$	
0410	08033		TEST PILES	66.00	LF		\$	
0420	08046		PILES-STEEL HP12X53	184.00	LF		\$	
0430	08094		PILE POINTS-12 IN	10.00	EACH		\$	
0440	08100		CONCRETE-CLASS A	29.60	CUYD		\$	
0450	08104		CONCRETE-CLASS AA	95.10	CUYD		\$	
0460	08151		STEEL REINFORCEMENT-EPOXY COATED	18,029.00	LB		\$	
0470	08672		PRECAST PC BOX BEAM SB42	318.00	LF		\$	
0480	08801		GUARDRAIL-STEEL W BEAM-S FACE BR	148.00	LF		\$	

Section: 0004 - UTILITY - ELECTRICAL

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0490	17033		EC ANCHOR SPECIAL	7.00	EACH		\$	
0500	17035		EC POLE REMOVE AND STOCKPILE	6.00	EACH		\$	
0510	17036		EC POLE SPECIAL	6.00	EACH		\$	
0520	17037		EC WIRE SPECIAL	3,688.00	LF		\$	
0530	17038		EC WIRE TRANSFER SPECIAL	392.00	LF		\$	
0540	17039		EC WIRE REMOVE SPECIAL	3,600.00	LF		\$	

Section: 0005 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0550	02555		CONCRETE-CLASS B (THRUST BLOCKING, 2,500 PSI)	10.00	CUYD		\$	
0560	05985		SEEDING AND PROTECTION (LANDSCAPING)	1,500.00	SQYD		\$	
0570	14003		W CAP EXISTING MAIN (CUT & CAP EXISTING 10 IN WATER MAIN)	1.00	EACH		\$	
0580	14019		W FIRE HYDRANT ASSEMBLY	1.00	EACH		\$	
0590	14021		W FIRE HYDRANT REMOVE (EXISTING)	2.00	EACH		\$	
0600	14028		W METER 3/4 INCH (TAP & METER BOX, TEST POINT)	1.00	EACH		\$	
0610	14038		W PIPE DUCTILE IRON 10 INCH (CLASS 52 DIP, TRENCH)	620.00	LF		\$	
0620	14062		W PIPE PVC 12 INCH (DIPS DR11 HDPE, DIRECTIONAL DRILL)	240.00	LF		\$	
0630	14113		W VALVE BOX ADJUST	4.00	EACH		\$	

Section: 0006 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC F	P AMOUNT
0640	02569	DEMOBILIZATION	1.00	LS	\$	