



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

July 2, 2014

CALL NO. 306
CONTRACT ID NO. 141234
ADDENDUM # 1

Subject: Robertson County, FD04 SPP 101 0062 012-013
Letting July 11, 2014

- (1) Revised - Plans - R2B & R27
- (2) Revised - Completion Date - Page 4 of 115
- (3) Revised - Bid Items - Pages 114-115 of 115

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 blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

GENERAL SUMMARY

REVISED 7-01-2014

COUNTY OF	ITEM NO.	SHEET NO.
ROBERTSON	6-8507.01	R2B

PAVING SUMMARY

ITEM	DESCRIPTION	UNIT	US 62	KY 616	SCHOOL ENTRANCE	DIVERSION	TOTAL PROJECT
00078	CRUSHED AGGREGATE (12)	TON	50				50
01987	DELINEATOR	EA	12				12
02014	BARRICADE TYPE III	EA	2	2	2	2	8
02091	REMOVE EXISTING PAVING	SQYD	1151	557			1708
02159	TEMPORARY DITCH	LF	3923	369	322	454	5068
02160	CLEAN TEMPORARY DITCH	LF	3923	369	322	454	5068
02230	EMBANKMENT IN PLACE (10)	CU YDS	39175	6	3263		43616
02242	WATER (8)	M. GAL	13				13
02351	GUARDRAIL-STEEL W-BEAM-S FACE	LF	577				577
02391	GUARDRAIL END TREATMENT TYPE 4A	EA	4				4
02429	RIGHT OF WAY MONUMENT TY 1	EA	22				22
02432	WITNESS POST	EA	22				22
02483	CHANNEL LINING CLASS II (11)	TON	172				172
02562	TEMPORARY SIGNS	SOFT	1000				1000
02569	DEMOLITION	LS	1				1
02585	EDGE KEY	LF	25	12.5	12.5	25	75
02600	FABRIC GEOTEXTILE Y IV FOR PIPE	SQYD	609				609
02650	MAINTAIN AND CONTROL TRAFFIC	LS	1				1
02651	DIVERSION	LS	1				1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	1	1	2	6
02701	TEMPORARY SILT FENCE	LF	3923	369	322		4614
02703	SILT TRAP TYPE A	EA	10		2		12
02704	SILT TRAP TYPE B	EA	10		4		14
02705	SILT TRAP TYPE C	EA	6		2		8
02706	CLEAN SILT TRAP TYPE A (3 TIMES EA TRAP)	EA	30		6		36
02707	CLEAN SILT TRAP TYPE B (3 TIMES EA TRAP)	EA	30		12		42
02708	CLEAN SILT TRAP TYPE C (3 TIMES EA TRAP)	EA	18		6		24
02709	CLEAN TEMPORARY SILT FENCE (3 TIMES)	LF	3923	369	322		4614
02726	STAKING	LS	1				1
02775	ARROW PANEL	EA	2	1	1	2	6
05952	TEMPORARY MULCH	SOYD	22546				22546
05953	TEMPORARY SEEDING & PROTECTION	SOYD	22546				22546
05963	INITIAL FERTILIZER (13)	TON	1				1
05964	FERTILIZER 20-10-10 (4)	TON	0.51	0.06	0.04		1
05985	SEEDING AND PROTECTION	SOYD	4336		866		5202
05989	SPECIAL SEEDING CROWN VETCH (9)	SOYD	5525	1178			6703
06510	PAVE STRIPING - TEMP PAINT - 4in	LF				1402	1402
06514	PAVE STRIPING - PERMANENT PAINT 4-INCH	LF	7356	514	817		8687
06568	PAVE MARKING - THERMO STOP BAR 24in	LF		10	26		36
06574	PAVE MARKING - THERMO CURVE ARROW	EA	6		4		10
10020NS	FUEL ADJUSTMENT	DOLL	17200				17200
10030NS	ASPHALT ADJUSTMENT	DOLL	15980				15980
21370ED	LONGITUDINAL SAW CUT	LF	40	18	36	40	134
23274ENIIF	TURF REINFORCEMENT MAT 1	SOYD	452				452

ITEM CODE	ITEM	UNIT	US 62	KY 616	SCHOOL ENTRANCE	DIVERSION	EDGE KEY	TOTAL PROJECT
00001	DGA BASE (1)	TON	1593	122	160	381		2255
00013	LIME STABILIZED ROADBED	SQ YDS	7052	549	707			8308
00014	LIME (7)	TON	138	11	14			163
00100	ASPHALT SEAL AGGREGATE (14)	TON	4					4
00103	ASPHALT SEAL COAT (15)	TON	1					1
00212	CL2 ASPH BASE 1.00D PG64-22 (2)	TON	2423	182	244	576		3425
00307	CL2 ASPH SURF 0.38B PG64-22 (2)	TON	460	34	46	108	13	662
00358	ASPHALT CURE SEAL (5)	TON	6.30	0.49	0.63	0.66		8
02702	SAND FOR BLOTTER (6)	TON	17	1.3	1.8	2.1		23

PAVING AREAS

DEPTH INCHES	ITEM	S Q U A R E Y A R D S					TOTAL PROJECT
		RT 62	KY 616	SCHOOL ENTRANCE	DIVERSION	EDGE KEY	
1.25	CL2 ASPH SURF 0.38B PG64-22	6690	497	674	1575	186	9623
3.00	CL2 ASPH BASE 1.00D PG64-22	6729	503	678	1591		9500
3.00	CL2 ASPH BASE 1.00D PG64-22	6826	517	686	1630		9659
0.50	ASPHALT CURE SEAL	13976	1079	1402	1656		18113
4.00	DGA BASE	6924	530	695	1656		9806
8.00	LIME STABILIZED ROADBED	7052	549	707			8308
	ASPHALT SEAL AGGREGATE	371					371
	ASPHALT SEAL COAT	371					371

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 IN. OF DEPTH.
- (2) ESTIMATED 110 LBS. PER SQ. YD. PER IN. OF DEPTH.
- (3) ESTIMATED AT 100 LBS. PER SQ. YD. PER IN. OF DEPTH.
- (4) ESTIMATED AT 11.5 LBS PER 1000 SQ. FT.
- (5) ESTIMATED AT 2 LBS. PER SQ. YD. PER IN. OF DEPTH
- (6) ESTIMATED AT 5 LBS. PER SQ. YD. PER IN. OF DEPTH.
- (7) ESTIMATED 6% BY WT. AT 109 LBS. PER CU. FT.
- (8) ESTIMATED AT 50 MILLION GALLONS PER MILE. USED FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.
- (9) USED ON SLOPES 3:1 OR GREATER
- (10) ESTIMATE INCLUDES 1172 CUYD BENCH
- (11) ESTIMATED AT 111 LBS PER CU. FT.
- (12) FOR MISC. USES
- (13) ESTIMATED AT 100 LBS. EA. NITROGEN, PHOSPHATE, POTASH PER ACRE
- (14) ESTIMATED AT 20 LB / SQYD
- (15) ESTIMATED AT 2.40 LB / SQYD 2 APPLICATIONS REQUIRED

TOTAL PROJECT EARTHWORK (10)		
14227	CUYD	COMMON
42444	CUYD	EMB
1172	CUYD	BENCH
FOR BIDDING		
42444	CUYD	EMB
1172	CUYD	EMB. FOUNDATION BENCHING
43616	CUYD	EMBANKMENT TOTAL
NUMBERS SHOWN ARE ESTIMATES ONLY. THE CONTRACTOR ASSUMES RESPONSIBILITY FOR THE ITEMS AND QUANTITIES.		

SCALE: 1"=10'

GENERAL & PAVING SUMMARY

FILE NAME: G:\PWORK\CHARLES.MCCAFFERTY\00733366\RO20BSU.DGN

USER: charles.mccafferty
DATE PLOTTED: May 27, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

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02569	DEMOBILIZATION	LS	1					1
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43616	CUYD	EMBANKMENT TOTAL
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SCALE: 1"=100'

GENERAL & PAVING SUMMARY

FILE NAME: G:\PWORK\CHARLES.MCCAFFERTY\00733366\PO020BSU.DGN

USER: charles.mccafferty
DATE PLOTTED: May 27, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
ROBERTSON	6-8507.01	R 27

TRAFFIC CONTROL GENERAL NOTES

All traffic control devices shall comply with the current Standard Drawings and the current Manual on Uniform Traffic Control Devices. Except as provided herein, traffic shall be maintained in accordance with the current edition of the Standard Specifications for Road and Bridge Construction and the Standard Drawings. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic until completion of the work will be paid at the lump sum bid item "Maintain and Control Traffic".

Contrary to Section 106.01 of the Standard Specifications for Road and Bridge Construction current edition traffic control devices used on this project may be new or used. Any used traffic control device must be in like new condition at the beginning of work and maintained in like new condition until completion of the work.

The relocation of signs for maintenance of traffic during construction, including mounting hardware and posts, shall be incidental to maintain and control traffic. Changes in the traffic control plan will require approval of the Engineer.

Any major change or alternate Temporary Traffic Control Plan must submit to the same level of traffic impact analysis as was required for the initial TMP. The contractor will not be permitted to implement any part of their alternate plan or revision until they have received written approval from the Cabinet. All major revisions to the Temporary Traffic Control Plan shall be reviewed by the initial signers to the subject Plan before any revision is implemented.

PUBLIC INFORMATION PLAN (PIP)

KYTC District 6 Public Information Officer (PIO) will inform the motoring public and area stakeholders of project information including Maintenance of Traffic. District Public Information Officer will coordinate and disseminate to stakeholders and the media appropriate information regarding the construction plans.

SPECIAL NOTES

PAVEMENT DROP-OFFS

A minimum width of 8 feet with a minimum wedge of 3:1 will be maintained to any excavated drop off area at the end of any work period while leaving barrels in place in the respective area. Any other pavement edge that traffic is not expected to cross, except accidentally, should be treated as follows:

- Less than two inches - No protection required, warning signs should be placed in advance and throughout the drop-off area.
- Two to four inches - Plastic drums, vertical panels or barricades every 100 feet on tangent sections for speeds of 50 mph or greater. Cones may be used in place of plastic drums, panels and barricades during daylight hours. For tangent sections with speed less than 50 mph and for curves, devices should be placed every 50 feet. Spacing of devices on tapered sections should be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), current edition.
- Greater than four inches - Positive separation or wedge with 3:1 or flatter slope needed. If there is eight feet or more distance between the edge of the pavement and drop-offs then drums, panel, or barricades may be used. If the drop-off is greater than 12 inches, positive separation is strongly encouraged. If concrete barriers are used special reflective devices or steady burn lights should be used for overnight installations.

For temporary conditions, drop-offs greater than four inches may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being done in the drop-off area. Lesser treatments than those described above may be considered for low-volume local streets.

PAVEMENT JOINTS/FINAL PAVING/FINAL STRIPING

All pavement joints on the final surface will be coordinated with the Engineer to ensure final striping on the pavement edges are concurrent with the striping plan and the joints will be where the stripes are placed. The contractor will obtain approval from KYTC prior to any paving or striping operation to confirm.

DELETED NOTE.

LANE CLOSURE

Contrary to Section 112.04.17 of the current Kentucky Standard Specifications for Road and Bridge Construction, no payment will be made for lane closures in place for less than three (3) consecutive days. These lane closures if needed during construction deliveries shall be incidental to the bid item "Maintain and Control Traffic".

Prior to installing any temporary lane closure, the contractor shall give a minimum of 10 days notice and approval must be obtained from the Engineer.

SIGNAGE

The contractor shall completely cover any signs, either existing, permanent or temporary, which do not properly apply to the current traffic phasing, and shall maintain the covering until the signs are applicable or are removed.

In general, all traffic control devices shall be placed starting and proceeding in the direction of the flow of traffic and removed starting and proceeding in the direction opposite the flow of traffic.

The engineer and the contractor, or their authorized representatives, shall review the signing before traffic is allowed to use any lane closures, crossovers or detours. All signing shall be approved by the engineer before work can be started by the contractor.

DEVIATION FROM PLAN

If the contractor desires to deviate from the traffic control scheme and construction schedule outlined in these plans and this proposal, he shall prepare an alternate plan and present it in writing to the engineer. This alternate plan can be used only after review and approval of the divisions of traffic, design and construction, and the federal highway administration, where applicable.

FAILURE TO COMPLETE WORK ON TIME

Contrary to the current Standard Specifications for Road and Bridge Construction, Section 108.09, the contractor shall be assessed liquidated damages of \$5,000 for each calendar day that construction is in effect beyond the completion date of July 24, 2015.

Contrary to the current edition of the Standard Specifications for Road and Bridge Construction, Section 108.09, liquidated damages shall be charged even if work on the controlling item of operation is prohibited by seasonal limitations.

EMERGENCY VEHICLES

If traffic should be stopped due to construction operations and an emergency vehicle on an official emergency run arrives at the scene, the contractor shall make the provisions for the passage of that vehicle as quickly as possible.

Reasonable means of ingress and egress shall be maintained to all properties within the project limits. Fire hydrants must be maintained at all times.

PROJECT PHASING & CONSTRUCTION PROCEDURES

Traffic shall be maintained in accordance with the plans, these notes, and Section 112 (current edition) of the Standard Specifications for the Road Construction.

The Contractor shall maintain a minimum lane width of ten (10) feet unless otherwise noted.

Prior to any clearing, grubbing and excavation, construct perimeter controls such as but not limited to temporary silt fence to ensure that disturbed sediment does not leave the project site.

Phase I Construct pipe & ditch drainage system STA 17+00 to STA 24+00.
Construct temporary US 62 bypass from STA 23+00 to STA 29+00.
Construct new US 62 STA 12+00 to STA 29+00.

Phase II Construct school entrance to intersect with new US 62. STA 19+16.68.
Construct KY 616 to intersect with new US 62. STA 16+33.61.
Move all US 62, KY 616 and school entrance traffic to new US 62.
Remove existing US 62 pavement.
Remove temporary US 62 bypass.
Seed and complete surface restoration.

FILE NAME: G:\PWORK\CHARLES.MCCAFFERTY\00733366\RO2700TMP.DGN

USER: Charles.McCafferty
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
ROBERTSON	6-8507.01	R 27

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The Contractor shall maintain a minimum lane width of ten (10) feet unless otherwise noted.

Prior to any clearing, grubbing and excavation, construct perimeter controls such as but not limited to temporary silt fence to ensure that disturbed sediment does not leave the project site.

Phase I Construct pipe & ditch drainage system STA 17+00 to STA 24+00.
Construct temporary US 62 bypass from STA 23+00 to STA 29+00.
Construct new US 62 STA 12+00 to STA 29+00.

Phase II Construct school entrance to intersect with new US 62. STA 19+16.68.
Construct KY 616 to intersect with new US 62. STA 16+33.61.
Move all US 62, KY 616 and school entrance traffic to new US 62.
Remove existing US 62 pavement.
Remove temporary US 62 bypass.
Seed and complete surface restoration.

FILE NAME: G:\PWORK\CHARLES.MCCAFFERTY\00733366\RO2700TMP.DGN

USER: Charles.McCafferty
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.7.443

NTS

ROBERTSON COUNTY
US 62 SPOT IMPROVEMENTS
GENERAL NOTES

ADMINISTRATIVE DISTRICT - 06

CONTRACT ID - 141234

FD04 SPP 101 0062 012-013

COUNTY - ROBERTSON

PCN - DE10100621434

FD04 SPP 101 0062 012-013

SARDIS ROAD (US 62) AND KY 616 INTERSECTION (MP 12.100) RECONSTRUCT US62 / KY616 INTERSECTION AT NEW ROBERTSON COUNTY SCHOOL TO ADD TURN LANES AND IMPROVE SIGHT DISTANCE (MP 12.193), A DISTANCE OF 0.23 MILES.GRADE & DRAIN WITH ASPHALT SURFACE SYP NO. 06-08507.01.

GEOGRAPHIC COORDINATES LATITUDE 38:31:46.00 LONGITUDE 84:00:41.00

COMPLETION DATE(S):

COMPLETED BY 07/24/2015

APPLIES TO ENTIRE CONTRACT

PROPOSAL BID ITEMS

141234

Page 1 of 2

Report Date 7/2/14

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	2,255.00	TON		\$	
0020	00013		LIME STABILIZED ROADBED	8,308.00	SQYD		\$	
0030	00014		LIME	163.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	4.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	1.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	3,425.00	TON		\$	
0070	00307		CL2 ASPH SURF 0.38B PG64-22	662.00	TON		\$	
0080	00358		ASPHALT CURING SEAL	8.00	TON		\$	
0090	02702		SAND FOR BLOTTER	23.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0100	00078		CRUSHED AGGREGATE SIZE NO 2	50.00	TON		\$	
0110	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	12.00	EACH		\$	
0120	02014		BARRICADE-TYPE III	8.00	EACH		\$	
0130	02091		REMOVE PAVEMENT	1,708.00	SQYD		\$	
0140	02159		TEMP DITCH	5,068.00	LF		\$	
0150	02160		CLEAN TEMP DITCH	5,068.00	LF		\$	
0160	02230		EMBANKMENT IN PLACE	43,616.00	CUYD		\$	
0170	02242		WATER (FOR DUST CONTROL)	13.00	MGAL		\$	
0180	02351		GUARDRAIL-STEEL W BEAM-S FACE	577.00	LF		\$	
0190	02391		GUARDRAIL END TREATMENT TYPE 4A	4.00	EACH		\$	
0200	02429		RIGHT-OF-WAY MONUMENT TYPE 1	22.00	EACH		\$	
0210	02432		WITNESS POST	22.00	EACH		\$	
0220	02483		CHANNEL LINING CLASS II	172.00	TON		\$	
0230	02562		TEMPORARY SIGNS	1,000.00	SQFT		\$	
0240	02585		EDGE KEY	75.00	LF		\$	
0250	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	609.00	SQYD	\$2.00	\$	\$1,218.00
0260	02651		DIVERSIONS (BY-PASS DETOURS)	1.00	LS		\$	
0270	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0280	02650		MAINTAIN & CONTROL TRAFFIC REVISED: 7-2-14	1.00	LS		\$	
0290	02701		TEMP SILT FENCE	4,614.00	LF		\$	
0300	02703		SILT TRAP TYPE A	12.00	EACH		\$	
0310	02704		SILT TRAP TYPE B	14.00	EACH		\$	
0320	02705		SILT TRAP TYPE C	8.00	EACH		\$	
0330	02706		CLEAN SILT TRAP TYPE A	36.00	EACH		\$	
0340	02707		CLEAN SILT TRAP TYPE B	42.00	EACH		\$	
0350	02708		CLEAN SILT TRAP TYPE C	24.00	EACH		\$	
0360	02709		CLEAN TEMP SILT FENCE	4,614.00	LF		\$	
0370	02726		STAKING	1.00	LS		\$	
0380	02775		ARROW PANEL	6.00	EACH		\$	
0390	05952		TEMP MULCH	22,546.00	SQYD		\$	
0400	05953		TEMP SEEDING AND PROTECTION	22,546.00	SQYD		\$	

PROPOSAL BID ITEMS

141234

Page 2 of 2

Report Date 7/2/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0410	05963		INITIAL FERTILIZER	1.00	TON		\$	
0420	05964		20-10-10 FERTILIZER	1.00	TON		\$	
0430	05985		SEEDING AND PROTECTION	5,202.00	SQYD		\$	
0440	05989		SPECIAL SEEDING CROWN VETCH	6,703.00	SQYD		\$	
0450	06510		PAVE STRIPING-TEMP PAINT-4 IN	1,402.00	LF		\$	
0460	06514		PAVE STRIPING-PERM PAINT-4 IN	8,687.00	LF		\$	
0470	06568		PAVE MARKING-THERMO STOP BAR-24IN	36.00	LF		\$	
0480	06574		PAVE MARKING-THERMO CURV ARROW	10.00	EACH		\$	
0490	10020NS		FUEL ADJUSTMENT	17,200.00	DOLL	\$1.00	\$	\$17,200.00
0500	10030NS		ASPHALT ADJUSTMENT	15,980.00	DOLL	\$1.00	\$	\$15,980.00
0510	21370ED		LONGITUDINAL SAW CUT- 6 IN	134.00	LF		\$	
0520	23274EN11F		TURF REINFORCEMENT MAT 1	452.00	SQYD		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0530	00439		ENTRANCE PIPE-12 IN	30.00	LF		\$	
0540	00440		ENTRANCE PIPE-15 IN	97.00	LF		\$	
0550	00462		CULVERT PIPE-18 IN	685.00	LF		\$	
0560	01204		PIPE CULVERT HEADWALL-18 IN	2.00	EACH		\$	
0570	01440		SLOPED BOX INLET-OUTLET TYPE 1	1.00	EACH		\$	
0580	01490		DROP BOX INLET TYPE 1	4.00	EACH		\$	

Section: 0004 - WATERLINE - FORCE MAIN

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0590	01065		STEEL ENCASEMENT PIPE-8 IN	96.00	LF		\$	
0600	03381		PVC PIPE-2 IN	760.00	LF		\$	
0610	20211ES706		BORE & JACK PIPE (8 IN STEEL ENCASEMENT PIPE)	149.00	LF		\$	
0620	22871NN		CONNECT TO 2 IN	2.00	EACH		\$	

Section: 0005 - DEMOBILIZATION & OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0630	02569		DEMOBILIZATION	1.00	LS		\$	