



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

October 19, 2021

CALL NO. 325  
CONTRACT ID NO. 211342  
ADDENDUM # 1

Subject: Hardin County, FD04 047 9001 120-131  
Letting October 22, 2021

- (1) Revised - General Summary - Page 23 of 266
- (2) Revised - Traffic Control Plan - Page 155 of 266
- (3) Revised - Proposal Bid Items - Pages 264-266 of 266

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 cursive script that reads "Rachel Mills".

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

RM:mr  
Enclosures

**WESTERN KENTUCKY PARKWAY (WK-9001)  
PAVEMENT REHABILITATION PROJECT  
HARDIN COUNTY  
ITEM NO. 4-20016.0**

GENERAL SUMMARY												
CODE	ITEM	UNIT	WK PARKWAY	KY 84 RAMP A	KY 84 RAMP B	KY 84 RAMP C	KY 84 RAMP D	(1)	(1)	(1)	TOTAL	NOTES
								WK-9001 CURVE CORRETION	WK-9001 DIGOUT AT KY 84	KY 222 BRIDGE APPROACH		
78	Crushed Aggregate Size No. 2	Ton	2,113								2,113	(4)
1691	Flume Inlet Type 2	Each								4	4	
1718	Remove Inlet	Each								4	4	
1990	Delineator For Barrier Wall - B/W	Each								8	8	
2003	Relocate Temp Conc Barrier	Lin Ft	1,060								1,060	
2200	Roadway Excavation	CY							358		358	
2220	Flowable Fill	CY	26								26	(3)
2230	Embankment In Place	CY								3,324	3,324	
2262	Fence - Woven Wire Type 1	Lin Ft								200	200	
2265	Remove Fence	Lin Ft								200	200	
2483	Channel Lining Class II	Ton	168							25	293	(2)
2555	Concrete - Class B	CY								2	2	
2562	Temporary Signs	SF									1,000	
2568	Mobilization	LS									1	
2569	Demobilization	LS									1	
2575	Ditching And Shouldering	Lin Ft									59,192	
2650	Maintain & Control Traffic	LS									1	
2671	Portable Changeable Message Sign	Each									2	
2690	Safeloading	CY								5	5	
2701	Temp Silt Fence	LF						1,997	395	173	2,565	(5)
2703	Silt Trap Type A	Each						5	1	1	7	(5)
2704	Silt Trap Type B	Each	4					5	1	1	11	(5)
2705	Silt Trap Type C	Each	4					5	1	1	11	(5)
2706	Clean Silt Trap Type A	Each						5	1	1	7	(5)
2707	Clean Silt Trap Type B	Each	4					5	1	1	11	(5)
2708	Clean Silt Trap Type C	Each	4					5	1	1	11	(5)
2726	Staking	LS									1	
2775	Arrow Panel	Each									2	
2898	Relocate Crash Cushion	Each	1								1	
3171	Concrete Barrier Wall Type 9T	LF	1,060								1,060	
5950	Erosion Control Blanket	SY	1,000								1,000	(5)
5963	Initial Fertilizer	Ton						0.3	0.1	0.1	0.5	(5)
5964	20-10-10 Fertilizer	Ton						0.2		0.1	0.3	(5)
5985	Seeding And Protection	SY						6,679	1,307	2,178	10,164	(5)
5992	Agricultural Limestone	Ton						4	1	1	6	(5)
6401	Flexible Delineator Post - M/W	Each	823	37	53	28	40				981	
6404	Flexible Delineator Post - M/Y	Each		24	26	16	14				80	
6511	Pave Striping-Temp Paint-6 In	Lin Ft									256,784	
6514	Pave Striping-Perm Paint-4 In	Lin Ft								1,022	1,022	
6542	Pave Striping-Thermo-6 In W	Lin Ft	143,190	1,179	1,237	748	707	4,993	986		153,040	
6543	Pave Striping-Thermo-6 In Y	Lin Ft	113,594	1,179	1,237	748	707	3,995	789		122,249	
6546	Pave Striping-Thermo-12 In W	Lin Ft	3,157								3,157	
6549	Pave Striping-Temp Rem Tape-B	Lin Ft									4,000	
6550	Pave Striping-Temp Rem Tape-W	Lin Ft									2,000	
6551	Pave Striping-Temp Rem Tape-Y	Lin Ft									2,000	
6568	Pave Marking-Thermo Stop Bar-24 In	Lin Ft		74		78					152	
8301	Remove Superstructure	LS								1	1	
8903	Crash Cushion TY VI Class BT TL3	Each	1								1	
10020NS	Fuel Adjustment	Doll									96,864	
10030NS	Asphalt Adjustment	Doll									188,683	
20362ES403	Shoulder Rumble Strips-Sawed	Lin Ft	227,188	2,358	2,474	1,496	1,414	7,989	1,579		244,498	
24489EC	Inlaid Pavement Markers	Each	1,578	15	16	9	9	50	10		1,687	
24891EC	Pave Mount Infrared Temp Equipment	SF	5,618,402	35,803	36,040	24,211	30,709	191,728	37,921		5,974,814	(7)
26136EC	Portable Queue Warning Alert System	Month									10	(6)
26137EC	Queue Warning PCMS	Month									40	(6)
26138EC	Queue Warning Portable Radar Sensors	Month									40	(6)

to be performed concurrently with Phases 1 and 2 when the work shown for Phases 1 and 2 is being performed adjacent to the digout area.

Obtain the Engineer's approval on the method of lighting prior to performing night work.

During the days and hours when a lane closure is allowed, implement the following procedures: Maintain traffic as specified in the phasing notes and typical sections.

The contractor must notify the Engineer at least fourteen (14) days prior to the beginning of each construction phase in either direction and at least seven (7) days prior to a ramp closure.

## **PHASE 1**

WB Sta 7674+63 to Sta 8266+55.7 &  
EB Sta 7674+63 to Sta 7770+00, Sta 7810+00 to Sta 7873+63, Sta 7881+53 to Sta 8266+55.7:

Use a lane closure to reduce traffic to one lane then shift traffic to the outside lane and shoulder and close the inside lane and shoulder to traffic. Mill 4 inches of the existing inside lane and inside shoulder, then place 3 inches of asphalt base and 1.5 inches of asphalt surface pavement on the milled lane and shoulder. See the Vertical Pavement Taper Detail sheet For tying into the existing pavement at beginning and end of the project.

EB Sta 7770+00 to Sta 7810+00:

Perform the curve cross slope correction work for the inside lane and shoulder as shown on the Supplemental Plans in the Proposal. A Typical Section as well as a separate alignment with coordinate control information is included in the Supplemental Plans for this work.

Complete all inside shoulder work, and any other work shown in the proposal for the inside shoulder and median area (median slopes, ditches, roadway drainage, etc.).

Traffic channelizing devices are to be moved along with the active construction zone to minimize traffic on the shoulders.

## **PHASE 2**

WB Sta 7674+63 to Sta 8266+55.7 &  
EB Sta 7674+63 to Sta 7770+00, Sta 7810+00 to Sta 7873+63, Sta 7881+53 to Sta 8266+55.7:

Use a lane closure to reduce traffic to one lane then shift traffic to the inside lane and shoulder and close the outside lane and shoulder to traffic. Mill 4 inches of the existing outside lane and 1.5 inches of the outside shoulder, then place 3 inches of asphalt base and 1.5 inches of asphalt surface pavement on the milled outside lane and 1.5 inches of asphalt surface on the outside shoulder. See the Vertical Pavement Taper Detail sheet for tying into the existing pavement at beginning and end of the project and for tying into the ramps at the KY 84 interchange.

**PROPOSAL BID ITEMS**

Report Date 10/18/21

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	22,439.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	2,170.50	TON		\$	
0030	00103		ASPHALT SEAL COAT	260.50	TON		\$	
0040	00190		LEVELING & WEDGING PG64-22	633.00	TON		\$	
0050	00194		LEVELING & WEDGING PG76-22	434.00	TON		\$	
0060	00219		CL4 ASPH BASE 1.00D PG76-22	61,704.00	TON		\$	
0070	00339		CL3 ASPH SURF 0.38D PG64-22	10,906.00	TON		\$	
0080	00342		CL4 ASPH SURF 0.38A PG76-22	31,147.00	TON		\$	
0090	00356		ASPHALT MATERIAL FOR TACK	369.10	TON		\$	
0100	02091		REMOVE PAVEMENT	3,759.50	SQYD		\$	
0110	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0120	02677		ASPHALT PAVE MILLING & TEXTURING	88,252.00	TON		\$	
0130	20071EC		JOINT ADHESIVE	240,973.00	LF		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0140	00078		CRUSHED AGGREGATE SIZE NO 2	2,113.00	TON		\$	
0150	01691		FLUME INLET TYPE 2	4.00	EACH		\$	
0160	01718		REMOVE INLET	4.00	EACH		\$	
0170	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	460.00	EACH		\$	
0180	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	6.00	EACH		\$	
0190	01990		DELINEATOR FOR BARRIER WALL-B/W	8.00	EACH		\$	
0200	02003		RELOCATE TEMP CONC BARRIER	1,060.00	LF		\$	
0210	02200		ROADWAY EXCAVATION	358.00	CUYD		\$	
0220	02220		FLOWABLE FILL	26.00	CUYD		\$	
0230	02230		EMBANKMENT IN PLACE	3,324.00	CUYD		\$	
0240	02262		FENCE-WOVEN WIRE TYPE 1	200.00	LF		\$	
0250	02265		REMOVE FENCE	200.00	LF		\$	
0260	02367		GUARDRAIL END TREATMENT TYPE 1	40.00	EACH		\$	
0270	02369		GUARDRAIL END TREATMENT TYPE 2A	40.00	EACH		\$	
0280	02373		GUARDRAIL END TREATMENT TYPE 3	1.00	EACH		\$	
0290	02381		REMOVE GUARDRAIL	33,941.80	LF		\$	
0300	02471		FILL AND CAP SINKHOLE	10.00	EACH		\$	
0310	02483		CHANNEL LINING CLASS II	293.00	TON		\$	
0320	02555		CONCRETE-CLASS B	2.00	CUYD		\$	
0330	02562		TEMPORARY SIGNS	1,000.00	SQFT		\$	
0340	02575		DITCHING AND SHOULDERING	59,192.00	LF		\$	
0350	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0360	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0370	02690		SAFELOADING	5.00	CUYD		\$	
0380	02701		TEMP SILT FENCE	2,565.00	LF		\$	
0390	02703		SILT TRAP TYPE A	7.00	EACH		\$	
0400	02704		SILT TRAP TYPE B	11.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 10/18/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02705		SILT TRAP TYPE C	11.00	EACH		\$	
0420	02706		CLEAN SILT TRAP TYPE A	7.00	EACH		\$	
0430	02707		CLEAN SILT TRAP TYPE B	11.00	EACH		\$	
0440	02708		CLEAN SILT TRAP TYPE C	11.00	EACH		\$	
0450	02726		STAKING	1.00	LS		\$	
0460	02775		ARROW PANEL	2.00	EACH		\$	
0470	02898		RELOCATE CRASH CUSHION	1.00	EACH		\$	
0480	02929		CRASH CUSHION TYPE IX	8.00	EACH		\$	
0490	03171		CONCRETE BARRIER WALL TYPE 9T	1,060.00	LF		\$	
0500	05950		EROSION CONTROL BLANKET	1,000.00	SQYD		\$	
0510	05963		INITIAL FERTILIZER	.50	TON		\$	
0520	05964		MAINTENANCE FERTILIZER	.30	TON		\$	
0530	05985		SEEDING AND PROTECTION	10,164.00	SQYD		\$	
0540	05992		AGRICULTURAL LIMESTONE	6.00	TON		\$	
0550	06401		FLEXIBLE DELINEATOR POST-M/W	981.00	EACH		\$	
0560	06404		FLEXIBLE DELINEATOR POST-M/Y	80.00	EACH		\$	
0570	06511		PAVE STRIPING-TEMP PAINT-6 IN	256,784.00	LF		\$	
0580	06514		PAVE STRIPING-PERM PAINT-4 IN	1,022.00	LF		\$	
0590	06542		PAVE STRIPING-THERMO-6 IN W	153,040.00	LF		\$	
0600	06543		PAVE STRIPING-THERMO-6 IN Y	122,249.00	LF		\$	
0610	06546		PAVE STRIPING-THERMO-12 IN W	3,157.00	LF		\$	
0620	06549		PAVE STRIPING-TEMP REM TAPE-B	4,000.00	LF		\$	
0630	06550		PAVE STRIPING-TEMP REM TAPE-W	2,000.00	LF		\$	
0640	06551		PAVE STRIPING-TEMP REM TAPE-Y	2,000.00	LF		\$	
0650	06568		PAVE MARKING-THERMO STOP BAR-24IN	152.00	LF		\$	
0660	08301		REMOVE SUPERSTRUCTURE EXISTING KY 222 BRIDGE	1.00	LS		\$	
0670	08903		CRASH CUSHION TY VI CLASS BT TL3	1.00	EACH		\$	
0680	10020NS		FUEL ADJUSTMENT	96,864.00	DOLL	\$1.00	\$	\$96,864.00
0690	10030NS		ASPHALT ADJUSTMENT	188,683.00	DOLL	\$1.00	\$	\$188,683.00
0700	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	244,498.00	LF		\$	
0710	20432ES112		REMOVE CRASH CUSHION	8.00	EACH		\$	
0720	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	32,549.80	LF		\$	
0730	24489EC		INLAID PAVEMENT MARKER	1,687.00	EACH		\$	
0740	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT (REVISED 10-18-2021)	5,974,814.00	SF		\$	
0750	25079ED		THRIE BEAM GUARDRAIL TRANSITION TL-2	4.00	EACH		\$	
0760	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	10.00	MONT		\$	
0770	26137EC		QUEUE WARNING PCMS	40.00	MONT		\$	
0780	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	40.00	MONT		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0790	00461		CULVERT PIPE-15 IN	8.00	LF		\$	
0800	00462		CULVERT PIPE-18 IN	8.00	LF		\$	
0810	01202		PIPE CULVERT HEADWALL-15 IN	1.00	EACH		\$	

HARDIN COUNTY  
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## PROPOSAL BID ITEMS

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Report Date 10/18/21

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	01204		PIPE CULVERT HEADWALL-18 IN	1.00	EACH		\$	
0830	02484		CHANNEL LINING CLASS III	15.00	TON		\$	
0840	20366NN		REPLACE GRATE	2.00	EACH		\$	

### Section: 0004 - BRIDGE - KY 222 OVER WESTERN KY PKWY (WK-9001)

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0850	02231		STRUCTURE GRANULAR BACKFILL	14.20	CUYD		\$	
0860	02403		REMOVE CONCRETE MASONRY	44.40	CUYD		\$	
0870	02998		MASONRY COATING	368.00	SQYD		\$	
0880	03299		ARMORED EDGE FOR CONCRETE	53.10	LF		\$	
0890	08100		CONCRETE-CLASS A	126.90	CUYD		\$	
0900	08104		CONCRETE-CLASS AA	176.30	CUYD		\$	
0910	08150		STEEL REINFORCEMENT	12,403.00	LB		\$	
0920	08151		STEEL REINFORCEMENT-EPOXY COATED	65,965.00	LB		\$	
0930	08669		PRECAST PC BOX BEAM SB21	796.00	LF		\$	
0940	23378EC		CONCRETE SEALING	12,072.00	SQFT		\$	
0950	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	463.40	LF		\$	

### Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0960	02568		MOBILIZATION	1.00	LS		\$	
0970	02569		DEMOBILIZATION	1.00	LS		\$	