



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

January 22, 2013

CALL NO. 325
CONTRACT ID NO. 131301
ADDENDUM # 1

Subject: Scott County, FD04 SPP 105 0075 125-135
Letting January 25, 2013

- (1) Revised - General Summary - Pages 30 & 32 of 195
- (2) Revised - Paving Summary - Pages 33-34 of 195
- (3) Revised - Note - Pages 60-62 of 195
- (4) Revised - Bid Items - Pages 194-195 of 195

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

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

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

I-75
SCOTT COUNTY
PAVEMENT REHABILITATION, MILEPOST 125.528 TO 134.386
ITEM NO. 7-2039.00
GENERAL SUMMARY

ITEM NUMBER	ITEM	UNIT	QUANTITY
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	11
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	1
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	34
2373	GUARDRAIL END TREATMENT TYPE 3	EACH	10
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	24
21802EN	GUARDRAIL - STEEL W BEAM - SINGLE FACE (7' POST)	L.F.	28,562.5
2381	REMOVE GUARDRAIL	L.F.	19,637.5
23979EC	CRASH CUSHION TY VI CLASS C TL3	EACH	1
23143ED	KPDES PERMIT & TEMPORARY EROSION CONTROL	L.S.	1
5950	EROSION CONTROL BLANKET	S.Y.	15,000
1982	DELINEATORS FOR GUARDRAIL (MW)	EACH	286
1983	DELINEATORS FOR GUARDRAIL (MY)	EACH	28
1984	DELINEATOR FOR BARRIER - WHITE	EACH	706
6417	FLEXIBLE DELINEATOR POST - W	EACH	164
6418	FLEXIBLE DELINEATOR POST - Y	EACH	59
24489EC	INLAID PAVEMENT MARKERS	EACH	4,704
2650	MAINTAIN AND CONTROL TRAFFIC	L.S.	1
78	CRUSHED AGGREGATE SIZE NO. 2 ①	TON	1,000
2483	CLASS II CHANNEL LINING	TON	198
2484	CLASS III CHANNEL LINING	TON	2,000
2562	SIGNS	S.F.	895
2575	DITCHING AND SHOULDERING	L.F.	46,123
2165	REMOVED PAVED DITCH	S.Y.	96
3240	BASE FAILURE REPAIR ②	S.Y.	2,591
2775	ARROW PANEL	EACH	4
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	8
2677	ASPHALT PAVEMENT MILLING & TEXTURING ③	TON	72,121
2676	MOBILIZATION FOR MILLING & TEXTURING	L.S.	1
2091	REMOVE PAVEMENT ③	S.Y.	12,448
21173EC	SAW-CLEAN-RESEAL RANDOM CRACKS	L.F.	2,330
2110	PARTIAL DEPTH PATCHING	C.F.	7

① TO BE USED, BUT NOT LIMITED TO: PIPE EROSION, WASHOUT REPAIR BEHIND GUARDRAIL, PERF. PIPE HDWL'S, AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

② INCLUDES 200 S.Y. TO BE USED AS DIRECTED BY THE ENGINEER.

③ CARRIED OVER FROM PAVING SUMMARY

④ INCLUDES 10 TONS OF ITEM 100 AND 1 TON OF ITEM 103 FROM FORESLOPE REPAIR DETAIL

I-75

④ INCLUDES 10 TONS OF ITEM 100
AND 1 TON OF ITEM 103 FROM
FORESLOPE REPAIR DETAIL

I-75

**SCOTT COUNTY
PAVEMENT REHABILITATION, MILEPOST 125.528 TO 134.386
ITEM NO. 7-2039
PAVING SUMMARY**

PAVING AREAS		PAVING AREAS	
ITEM	TOTAL	ITEM	TOTAL
DRIVING LANES, INSIDE & OUTSIDE SHOULDERS	S.Y.	DRIVING LANES, INSIDE & OUTSIDE SHOULDERS	
I-75:		US 62 RAMPS:	
2" CL4 ASPH SURF 0.38A PG76-22	620,178	FROM GORE TO CONCRETE JOINT	
ASPHALT SEAL COAT (2 APPLICATIONS)	50,600	2" CL4 ASPH SURF 0.38A PG76-22	4,099
ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	50,600	ASPHALT SEAL COAT (2 APPLICATIONS)	879
2" ASPHALT PAVE MILLING & TEXTURING	620,178	ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	879
		2" ASPHALT PAVE MILLING & TEXTURING	4,099
SHOULDER REPAIR w/ MODIFIED CURB AND GUTTER	S.Y.	FROM CONCRETE JOINT TO APPROACH	
ASPHALT SEAL COAT (2 APPLICATIONS)	6,217	1.25" CL4 ASPH SURF 0.38A PG76-22	1,178
ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	6,217	6.50" CL4 ASPH BASE 1.0D PG64-22	1,178
DGA WEDGE (CU. YD)	1,295	ASPHALT SEAL COAT (2 APPLICATIONS)	930
		ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	930
SHOULDER PAVEMENT EXTENSION AREAS	S.Y.	JPC PAVEMENT - 11"/24	2,875
2" CL4 ASPH SURF 0.38A PG76-22	2,083	REMOVE PAVEMENT	4,053
ASPHALT SEAL COAT (2 APPLICATIONS)	4,167	DGA WEDGE (CU. YD)	116
ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	4,167	KY 620 RAMPS:	
DGA WEDGE (CU. YD)	868	FROM GORE TO CONCRETE JOINT	
		2" CL4 ASPH SURF 0.38A PG76-22	6,752
REST AREA RAMPS:		ASPHALT SEAL COAT (2 APPLICATIONS)	1,630
2" CL4 ASPH SURF 0.38A PG76-22	2,375	ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	1,630
ASPHALT SEAL COAT (2 APPLICATIONS)	720	2" ASPHALT PAVE MILLING & TEXTURING	6,752
ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	720	FROM CONCRETE JOINT TO APPROACH	
2" ASPHALT PAVE MILLING & TEXTURING	2,375	1.25" CL4 ASPH SURF 0.38A PG76-22	1,931
		6.50" CL4 ASPH BASE 1.0D PG64-22	1,931
WEIGHT STATION RAMPS:		ASPHALT SEAL COAT (2 APPLICATIONS)	2,366
1.25" CL4 ASPH SURF 0.38A PG76-22	480	ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	2,366
6" CL4 ASPH BASE 1.0D PG64-22	480	JPC PAVEMENT - 11"/24	5,651
ASPHALT SEAL COAT (2 APPLICATIONS)	41	REMOVE PAVEMENT	7,059
ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	41	DGA WEDGE (CU. YD)	296
2" ASPHALT PAVE MILLING & TEXTURING	480	DGA WEDGE AT SHOULDER DROP-OFF	S.Y.
INSIDE RUMBLE STRIPS AND STRIPE (M.O.T.)		DGA (1" AVG DEPTH)	50,600
1" ASPHALT SCRATCH COURSE PG64-22	41,574	BRIDGE APPROACH SLAB REPLACEMENT	S.Y.
1" ASPHALT PAVE MILLING & TEXTURING	41,574	CL4 ASPH BASE 1.0D PG64-22 (7.5')	668

PAVING SUMMARY

ALL QUANTITIES HAVE BEEN CARRIED OVER AND INCLUDED IN THE GENERAL SUMMARY

① INCLUDES 850 TONS TO BE USED FOR EMBANKMENT CONSTRUCTION AT PROPOSED GUARDRAIL END TREATMENTS AS DIRECTED BY THE ENGINEER

② ESTIMATED AT 20 LBS/S.Y. FOR ENTIRE AREA (ONE APPLICATION) ③ ESTIMATED AT 2.4 LBS/S.Y. FOR ENTIRE AREA (ONE APPLICATION)

Access to all ramps at all interchanges on the project shall be maintained at all times unless a particular ramp is closed for the one week reconstruction period or as otherwise directed by the Engineer. All diversions to access ramps in areas of lane closures shall be approved by the Engineer prior to implementing each particular lane closure.

During the days when a lane closure is allowed, maintain traffic as specified in the phasing notes and typical sections. Please refer to the "Special Note for Fixed Completion Date and Liquidated Damages" for damage rates per hour associated with failure to maintain the required number of lanes during a specific time period.

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

SHOULDER PREPARATION AND RESTORATION

The clear lane width will be 12 feet; however, make provisions for the passage of wide loads up to 16'. Use a lane closure all times when work is performed in the lane or adjacent shoulder. Shoulders used as temporary roadways will be inspected by the Engineer and if deemed necessary by the Engineer, repaired with asphalt mixture for level & wedging as directed prior to opening to traffic. Perform any maintenance of the shoulder as deemed necessary by the Engineer in order to maintain traffic. Remove failed materials and perform additional patching as directed by the Engineer during the time the shoulder is used as a travel lane. Patch and remove any foreign debris on the shoulders as directed by the Engineer. Remove existing striping by water blasting. Paint temporary edge lines through the lane closure.

The shoulders are to be inspected and low spots refilled to the satisfaction of the Engineer prior to placing traffic on the shoulders. Daytime shoulder closures will be permitted to repair the stabilized shoulders. Install delineators for the existing barrier wall before shifting traffic onto the shoulders. All work required for shoulder preparation and restoration is incidental to Maintenance of Traffic.

TRAFFIC PHASING

NOTE: Prior to any Phase I operations, close the inside lane and shoulder and mill the inside rumble strips and yellow stripe (4 feet in width) and replace with a 1" asphalt scratch course. Payment will be made for the milling and scratch course replacement.

PHASE I

Bridge Repairs:

Install a temporary lane closure on the inside lane (in each direction) and install temporary striping for Phase I traffic pattern as shown on the Traffic Control Plans and Typical Sections. Remove this temporary lane closure and install a lane closure as shown on the Traffic Control Plans and Typical Sections, reducing the number of traveled lanes to two (utilizing the inside lane and inside shoulder). Use a 55:1 taper for lane shift at both ends of lane closure. Install temporary barrier as shown on the Traffic Control Plans and Typical Sections. The type of work to be performed in Phase I will depend on each

bridge. For the two bridges requiring approach slab replacement, remove the existing bridge approach slabs within the limits shown on the Traffic Control Plans and Typical Sections. For the bridge requiring replacement of the existing expansion joints, remove and replace the existing expansion joints within the limits shown on the Traffic Control Plans. Install temporary paint for Phase II traffic pattern as shown on the Traffic Control Plans and Typical Sections.

Mainline Lanes and Shoulders:

MP 125.528 - MP 132.102 & MP 134.148 - MP 134.386:

Close the inside lane and inside shoulder to traffic using lane closures and reduce the number of traveled lanes to two. Install temporary striping for Phase I traffic pattern as shown on the Traffic Control Plans and Typical Sections. Reverse the lane closure and close the 2 outside lanes and shoulder and direct traffic to the inside lane and shoulder as shown on the Traffic Control Plans and Typical Sections. While maintaining traffic on the inside lane and shoulder construct the Base Failure Repairs on the two outside lanes as shown in the proposal or as directed by the Engineer. After required settlement period, mill the 2 outside lanes and shoulders and replace with 2" of surface pavement. Perform all outside road work during Phase I. All ramp work shall also be completed under this phase. Install outside rumble strips and the permanent striping and markings for the two outside lanes.

MP 132.102 - MP 134.148 (Bifurcated Section):

Close the inside lane and inside shoulder to traffic using lane closures and reduce the number of traveled lanes to two. Install temporary striping for Phase I traffic pattern as shown on the Traffic Control Plans and Typical Sections. Reverse the lane closure and close the outside lane, outside shoulder and half of the center lane (Phasing within the bifurcated section will be divided at the center of the center driving lane). Direct traffic to the inside portion of the roadway (utilizing the inside lane, inside shoulder and inside half of the center lane) as shown on the Traffic Control Plans and Typical Sections. While maintaining traffic on the inside portion of the roadway, construct the Base Failure Repairs on the outside lane and outside half of the center lane as shown in the proposal or as directed by the Engineer. After required settlement period, mill the outside portion of the pavement and replace with 3/4" of surface pavement. Perform all outside road work during Phase I. Install temporary striping for Phase II traffic pattern as shown on the Traffic Control Plans and Typical Sections.

PHASE II

Bridge Repairs:

Shift traffic onto the outside lane and outside shoulder, as shown on the Traffic Control Plans and Typical Sections. Relocate the temporary barrier as shown on the Traffic Control Plans and Typical Sections. Truck Mounted Attenuators shall be required while

relocating the temporary barrier walls. While maintaining traffic on the outside lane and shoulder, complete bridge approach slab replacement or existing expansion joint replacement, depending on the individual bridge being repaired. The approach slab replacements will require removal of approximately 25' of existing concrete median barrier on each end of each bridge.

Mainline Lanes and Shoulders:

MP 125.528 - MP 132.102 & MP 134.148 - MP 134.386:

Install a lane closure closing the inside lane and shoulder and reduce the number of traffic lanes to two. While maintaining two lanes of traffic on the 2 outside lanes, mill the inside lane and inside shoulder and replace with 2" of surface pavement. Perform any median work under this phase. The Concrete Median Barrier repairs may be completed using shoulder closures. Install inside rumble strips and remainder of permanent striping and markings.

MP 132.102 - MP 134.148 (Bifurcated Section):

Shift traffic to the outside portion of the roadway (utilizing the outside lane, outside shoulder and outside half of the center lane) as shown on the Traffic Control Plans and Typical Sections. While maintaining traffic on the outside portion of the roadway, construct the Base Failure Repairs on the inside lane and inside half of the center lane as shown in the proposal or as directed by the Engineer. After required settlement period, mill the inside portion of the pavement and replace with 3/4" of surface pavement. Perform any median work during Phase II. Install temporary striping for Phase III traffic pattern as shown on the Traffic Control Plans and Typical Sections.

PHASE III

Mainline Lanes and Shoulders:

MP 132.102 - MP 134.148 (Bifurcated Section):

Using flag persons and lane closures, complete the 1.25" final asphalt surface course. Install rumble strips, permanent striping and pavement markers. Traffic may be reduced to one lane from 7:00 pm to 6:00 am if required to complete final surfacing.

NOTE on pavement repair (base failure) operations: Once the pavement has been removed, the contractor must work continuously until the pavement has been replaced. Pavement repairs must be completed 2 weeks prior to any general milling & filling pavement operations on those specific repair locations. Traffic may be reduced to one lane from 7:00 pm to 6:00 am if required to complete base repairs.

NOTE on pavement striping. After all other work is completed, place remainder of permanent striping. Mobile operations may be utilized.

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PROPOSAL BID ITEMS

Report Date 1/22/13

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Section: 0001 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	7,523.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	1,000.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	1,363.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	285.00	TON		\$	
0041	00191		ASPHALT SCRATCH COURSE PG64-22 (ADDED: 1-22-13)	2,287.00	TON		\$	
0050	00217		CL4 ASPH BASE 1.00D PG64-22(REVISED: 1-22-13)	1,789.00	TON		\$	
0060	00342		CL4 ASPH SURF 0.38A PG76-22	70,152.00	TON		\$	
0070	01484		CURB BOX INLET TYPE B-T	2.00	EACH		\$	
0080	01691		FLUME INLET TYPE 2	11.00	EACH		\$	
0090	01811		STANDARD CURB AND GUTTER MOD	13,987.50	LF		\$	
0100	01825		ISLAND CURB AND GUTTER	162.00	LF		\$	
0110	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	286.00	EACH		\$	
0120	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	28.00	EACH		\$	
0130	01984		DELINEATOR FOR BARRIER - WHITE	706.00	EACH		\$	
0140	02003		RELOCATE TEMP CONC BARRIER	3,560.00	LF		\$	
0150	02025		JPC PAVEMENT-11 IN/24	8,526.00	SQYD		\$	
0160	02091		REMOVE PAVEMENT	12,448.00	SQYD		\$	
0170	02110		PARTIAL DEPTH PATCHING	7.00	CUFT		\$	
0180	02165		REMOVE PAVED DITCH	96.00	SQYD		\$	
0190	02220		FLOWABLE FILL	555.00	CUYD		\$	
0200	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	11.00	EACH		\$	
0210	02367		GUARDRAIL END TREATMENT TYPE 1	1.00	EACH		\$	
0220	02369		GUARDRAIL END TREATMENT TYPE 2A	34.00	EACH		\$	
0230	02373		GUARDRAIL END TREATMENT TYPE 3	10.00	EACH		\$	
0240	02381		REMOVE GUARDRAIL	19,637.50	LF		\$	
0250	02391		GUARDRAIL END TREATMENT TYPE 4A	24.00	EACH		\$	
0260	02483		CHANNEL LINING CLASS II	198.00	TON		\$	
0270	02484		CHANNEL LINING CLASS III	2,000.00	TON		\$	
0280	02562		SIGNS	895.00	SQFT		\$	
0290	02575		DITCHING AND SHOULDERING	46,123.00	LF		\$	
0300	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0310	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	
0320	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0330	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED: 1-22-13)	72,121.00	TON		\$	
0340	02696		SHOULDER RUMBLE STRIPS-SAWED	183,954.00	LF		\$	
0350	02775		ARROW PANEL	4.00	EACH		\$	
0360	02898		RELOCATE CRASH CUSHION	6.00	EACH		\$	
0370	03171		CONCRETE BARRIER WALL TYPE 9T	3,560.00	LF		\$	
0380	03240		BASE FAILURE REPAIR	2,591.00	SQYD		\$	
0390	03295		EXPAN JOINT REPLACE 2 IN	197.00	LF		\$	
0400	03298		EXPAN JOINT REPLACE 4 IN	197.00	LF		\$	
0410	03299		ARMORED EDGE FOR CONCRETE	979.00	LF		\$	
0420	04793		CONDUIT-1 1/4 IN	160.00	LF		\$	

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PROPOSAL BID ITEMS

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Report Date 1/22/13

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0430	04795		CONDUIT-2 IN	40.00	LF		\$	
0440	04820		TRENCHING AND BACKFILLING	180.00	LF		\$	
0450	04829		PIEZOELECTRIC SENSOR	12.00	EACH		\$	
0460	04830		LOOP WIRE	5,800.00	LF		\$	
0470	04895		LOOP SAW SLOT AND FILL	1,120.00	LF		\$	
0480	05950		EROSION CONTROL BLANKET	15,000.00	SQYD		\$	
0490	06417		FLEXIBLE DELINEATOR POST-W	164.00	EACH		\$	
0500	06418		FLEXIBLE DELINEATOR POST-Y	59.00	EACH		\$	
0510	06511		PAVE STRIPING-TEMP PAINT-6 IN	257,070.00	LF		\$	
0520	06567		PAVE MARKING-THERMO STOP BAR-12IN	70.00	LF		\$	
0530	08903		CRASH CUSHION TY VI CLASS BT TL3	6.00	EACH		\$	
0540	10020NS		FUEL ADJUSTMENT	99,558.00	DOLL	\$1.00	\$	\$99,558.00
0550	10030NS		ASPHALT ADJUSTMENT	169,006.00	DOLL	\$1.00	\$	\$169,006.00
0560	20071EC		JOINT ADHESIVE	91,977.00	LF		\$	
0570	20359NN		GALVANIZED STEEL CABINET	4.00	EACH		\$	
0580	20360ES818		WOOD POST	8.00	EACH		\$	
0590	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		\$	
0600	20591EC		REMOVE BARRIER	362.00	LF		\$	
0610	21173EC		SAW-CLEAN-RESEAL RANDOM CRACKS	2,330.00	LF		\$	
0620	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	28,562.50	LF		\$	
0630	22146EN		CONCRETE PATCHING REPAIR	112.00	SQFT		\$	
0640	22664EN		WATER BLASTING EXISTING STRIPE	335,907.00	LF		\$	
0650	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS		\$	
0660	23877EC		CONC MEDIAN BARRIER WALL TY 14C	462.00	LF		\$	
0670	23979EC		CRASH CUSHION TY VI CLASS C TL3	1.00	EACH		\$	
0680	24189ER		DURABLE WATERBORNE MARKING-6 IN W	146,562.00	LF		\$	
0690	24190ER		DURABLE WATERBORNE MARKING-6 IN Y	99,248.00	LF		\$	
0700	24191ER		DURABLE WATERBORNE MARKING-12 IN W	6,069.00	LF		\$	
0710	24489EC		INLAID PAVEMENT MARKER	4,704.00	EACH		\$	

Section: 0002 - MOBILIZATION / DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0720	02568		MOBILIZATION	1.00	LS		\$	
0730	02569		DEMOBILIZATION	1.00	LS		\$	