



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

November 18, 2014

CALL NO. 300
CONTRACT ID NO. 141067
ADDENDUM # 2

Subject: Daviess County, FD04 SPP 030 0060 010-016
Letting November 21, 2014

- (1) Revised - General Summary - Pages 24 & 26 of 208
- (2) Revised - Tapering of Overlay - Page 38 of 208
- (3) Revised - Bid Items - Pages 205-208 of 208
- (4) Added - Special Note - Pages 1-2 of 2

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 "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures



An Equal Opportunity Employer M/F/D

**DAVISS COUNTY
OWENSBORO BYPASS (US 60)
PAVEMENT REHABILITATION, MILEPOST 10.179 TO 15.362
ITEM NO. 2-2085
GENERAL SUMMARY**

ITEM NUMBER	ITEM	UNIT	QUANTITY
ALTERNATE NO. 1			
2107	BREAK AND SEAT EXISTING PAVEMENT	S.Y.	137,316
0205	CLASS 3 ASPHALT BASE 1.50D PG64-22	TON	29,234
0214	CLASS 3 ASPHALT BASE 1.0D PG64-22	TON	69,100
0330	CLASS 3 ASPHALT SURFACE 0.50A PG64-22	TON	15,430
0203	CLASS 2 ASPHALT BASE 1.50D PG64-22	TON	16,426
0212	CLASS 2 ASPHALT BASE 1.0D PG64-22	TON	35,044
0309	CLASS 2 ASPHALT SURFACE 0.50D PG64-22	TON	10,739
0001	DGA BASE	TON	83,674
0103	ASPHALT SEAL COAT	TON	172
0100	ASPHALT SEAL AGGREGATE	LBS.	1,424
2058	REMOVE PCC PAVEMENT	S.Y.	39,436
10203ND	PAVEMENT ADJUSTMENT (ASPHALT)	L.S.	1,356,109
2677	ASPHALT PAVEMENT MILLING AND TEXTURING	TON	2,348
2676	MOBILIZATION FOR MILLING AND TEXTURING	L.S.	1
2696	SHOULDER RUMBLE STRIPS - SAWED	L.F.	72,250
2230	EMBANKMENT IN PLACE	C.Y.	13,114
2200	ROADWAY EXCAVATION	C.Y.	15,767
2235	BACKFILLING UNDERCUT	C.Y.	5,067
2598	FABRIC - GEOTEXTILE TYPE III	S.Y.	30,400
2585	EDGE KEY ⑤	L.F.	100
2007IEC	JOINT ADHESIVE	L.F.	221,724
00190	LEVELING AND WEDGING PG64-22	TON	2,140
ALTERNATE NO. 2			
269	MOD. OPEN GRADED DRAINAGE COURSE	TON	12,403
2078	JPC PAVEMENT NON-REINFORCED SHOULDER - 6 IN.	S.Y.	17,384
2073	JPC PAVEMENT NON-REINFORCED - 9 IN.	S.Y.	137,316
2082	JPC PAVEMENT NON-REINFORCED SHOULDER - 9 IN.	S.Y.	66,366
2070	JPC PAVEMENT NON-REINFORCED - 12 IN.	S.Y.	36,063
0001	DGA BASE	TON	74,167
0103	ASPHALT SEAL COAT	TON	172
0100	ASPHALT SEAL AGGREGATE	TON	1,424
2058	REMOVE P.C.C. PAVEMENT	S.Y.	55,869
2695	RUMBLE STRIPS TYPE 3	L.F.	420

CONTINUED ON NEXT SHEET

⑤ FOR TIE @ AUDUBON PARKWAY RAMPS

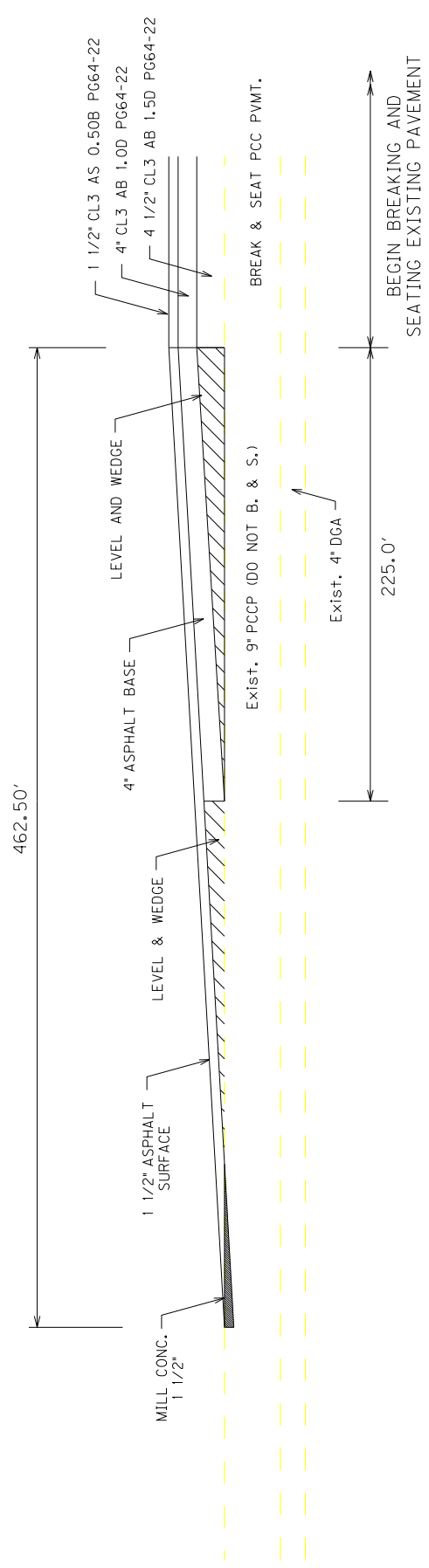
**DAVISS COUNTY
 OWENSBORO BYPASS (US 60)
 PAVEMENT REHABILITATION, MILEPOST 10.179 TO 15.362
 ITEM NO. 2-2085
 GENERAL SUMMARY**

ITEM NUMBER	ITEM	UNIT	QUANTITY
6592	PAVEMENT MARKING TY. V-B W/R	EACH	1,239
6593	PAVEMENT MARKING TY. V-B Y/R	EACH	505
20205EC	PAVEMENT MARK STOP BAR - 24 IN PAINT	L.F.	214
2650	MAINTAIN AND CONTROL TRAFFIC	L.S.	1
78	CRUSHED AGGREGATE SIZE NO. 2	TON	2,150
2483	CLASS II CHANNEL LINING	TON	1,400
2484	CLASS III CHANNEL LINING	TON	1,200
6412	STEEL POST MILE MARKERS	EACH	10
2562	SIGNS ③	S.F.	1,836
2014	BARRICADE - TYPE III	EACH	18
6401	FLEXIBLE DELINEATOR POST - M/W	EACH	1,063
6404	FLEXIBLE DELINEATOR POST - M/Y	EACH	394
3225	TUBULAR MARKERS	EACH	1,040
2775	ARROW PANEL	EACH	2
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	10
22883EN	CONCRETE WEDGE CURB	L.F.	3,223
1845	ISLAND INTEGRAL CURB	L.F.	320
1720	RECONSTRUCT INLET	EACH	30
2381	REMOVE GUARDRAIL	L.F.	33,850
6600	REMOVE EXISTING PAVEMENT MARKERS TYPE V	EACH	660
3262	CLEAN PIPE STRUCTURE	EACH	1
2565	OBJECT MARKER TYPE 2	EACH	20
1690	FLUME INLET TYPE 1	EACH	4
00071	CRUSHED AGGREGATE SIZE NO. 57 ④	TON	248
2655	CROSSOVERS - NO. 1 - MP 10.6 PHASE 1	L.S.	1
2655	CROSSOVERS - NO. 2 - MP 11.0 PHASE 1	L.S.	1
2655	CROSSOVERS - NO. 3 - MP 12.34 PHASE 1 & 2	L.S.	1
2655	CROSSOVERS - NO. 4 - MP 12.83 PHASE 1 & 2	L.S.	1
2655	CROSSOVERS - NO. 5 - MP 10.85 PHASE 2	L.S.	1
2655	CROSSOVERS - NO. 6 - MP 15.59 PHASE 1 & 2	L.S.	1
2655	CROSSOVERS - NO. 7 - MP 10.5 PHASE. 2	L.S.	1
1001	PERFORATED PIPE - 6 IN.	L.F.	105,950
1011	NON-PERFORATED PIPE - 6 IN.	L.F.	4,250
1021	PERFORATED PIPE HDWL. TY. 1 - 6 IN.	EACH	30
1029	PERFORATED PIPE HDWL. TY. 3 - 6 IN.	EACH	38
1033	PERFORATED PIPE HDWL. TY. 4 - 6 IN.	EACH	38
1741	CORED HOLE DRAINAGE BOX CONNECTOR - 6 IN.	EACH	54
1015	INSPECT AND CERTIFY EDGE DRAIN SYSTEM	L.S.	1
2726	STAKING	L.S.	1

CONTINUED ON NEXT SHEET

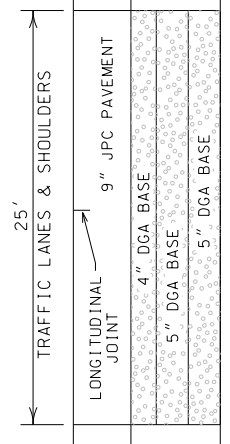
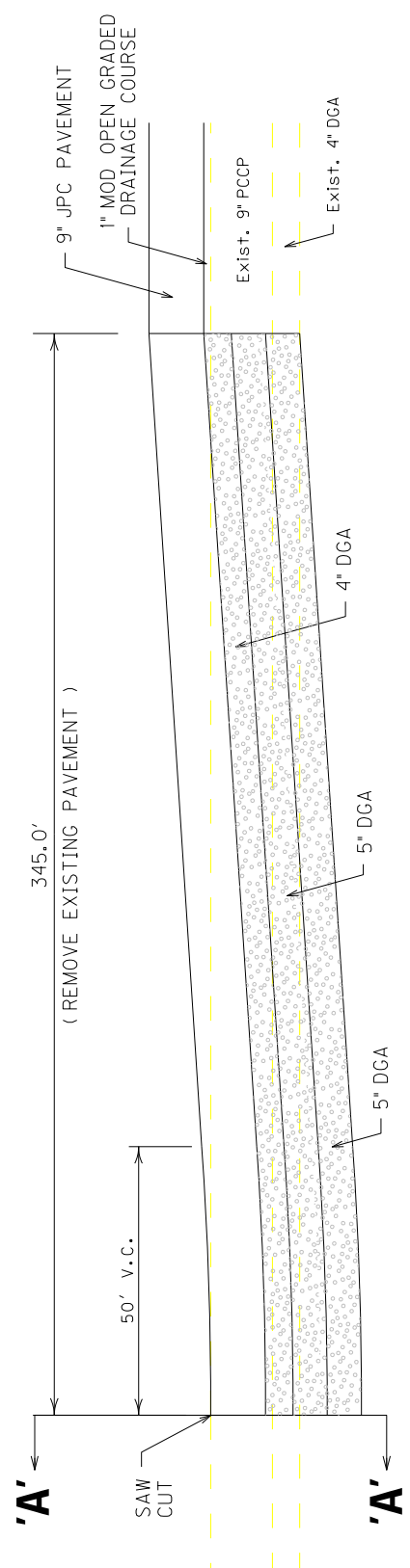
- ③ INCLUDES DETOUR SIGNING
- ④ FOR EXISTING MEDIAN CROSSOVERS

COUNTY OF	ITEM NO.	SHEET NO.
DAVISS	2-2085	---



ALTERNATE NO. 1 TAPERING OF OVERLAY at AUDUBON PARKWAY RAMPS

NOTE :
USE INSIDE AND OUTSIDE SHOULDER AND CONSTRUCT OVERLAY A LANE AT A TIME. HIGH EARLY STRENGTH CONCRETE TO BE USED TO MINIMIZE CURING TIME. HIGH EARLY STRENGTH CONCRETE SHALL BE CONSIDERED INCIDENTAL TO 9 INCH JPC PAVEMENT.



ALTERNATE NO. 2 TAPERING OF OVERLAY at AUDUBON PARKWAY RAMPS

TYPICALS NOT TO SCALE
ALT. NO. 1 & 2
TAPERING OF OVERLAYS
AT AUDUBON PKWY. RAMPS

PROPOSAL BID ITEMS

141067

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Report Date 11/18/14

Section: 0001 - PAVING-ASPHALT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	83,674.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	1,424.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	172.00	TON		\$	
0031	00190		LEVELING & WEDGING PG64-22 (ADDED: 11-18-14)	2,140.00	TON		\$	
0040	00203		CL2 ASPH BASE 1.50D PG64-22	16,426.00	TON		\$	
0050	00205		CL3 ASPH BASE 1.50D PG64-22	29,234.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	35,044.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	69,100.00	TON		\$	
0080	00309		CL2 ASPH SURF 0.50D PG64-22	10,739.00	TON		\$	
0090	00330		CL3 ASPH SURF 0.50A PG64-22	15,430.00	TON		\$	
0100	02058		REMOVE PCC PAVEMENT	39,436.00	SQYD		\$	
0110	02107		BREAKING AND SEATING PAVEMENT	137,316.00	SQYD		\$	
0120	02200		ROADWAY EXCAVATION (REVISED: 11-18-14)	15,767.00	CUYD		\$	
0130	02230		EMBANKMENT IN PLACE	13,114.00	CUYD		\$	
0140	02235		BACKFILLING UNDERCUT	5,067.00	CUYD		\$	
0150	02585		EDGE KEY	100.00	LF		\$	
0160	02598		FABRIC-GEOTEXTILE TYPE III	30,400.00	SQYD		\$	
0170	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0180	02677		ASPHALT PAVE MILLING & TEXTURING	2,348.00	TON		\$	
0190	02696		SHOULDER RUMBLE STRIPS-SAWED	72,250.00	LF		\$	
0200	10203ND		PAVEMENT ADJUSTMENT ASPHALT	1.00	LS	,356,109.00	\$	\$1,356,109.00
0210	20071EC		JOINT ADHESIVE (REVISED: 11-7-14)	222,724.00	LF		\$	

Section: 0002 - PAVING-CONCRETE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0220	00001		DGA BASE (REVISED: 11-7-14)	74,167.00	TON		\$	
0230	00100		ASPHALT SEAL AGGREGATE	1,424.00	TON		\$	
0240	00103		ASPHALT SEAL COAT	172.00	TON		\$	
0250	00212		CL2 ASPH BASE 1.00D PG64-22	4,679.00	TON		\$	
0260	00269		MOD OPEN-GRADED DRAINAGE COURSE	12,403.00	TON		\$	
0270	00309		CL2 ASPH SURF 0.50D PG64-22	2,068.00	TON		\$	
0280	00330		CL3 ASPH SURF 0.50A PG64-22	1,450.00	TON		\$	
0290	02058		REMOVE PCC PAVEMENT	55,869.00	SQYD		\$	
0300	02070		JPC PAVEMENT-12 IN	36,063.00	SQYD		\$	
0310	02073		JPC PAVEMENT-9 IN	137,316.00	SQYD		\$	
0330	02078		JPC PAVEMENT-6 IN SHLD	34,768.00	SQYD		\$	
0340	02081		JPC PAVEMENT-8 IN SHLD (REVISED: 11-7-14)	23,984.00	SQYD		\$	
0350	02082		JPC PAVEMENT-9 IN SHLD	66,366.00	SQYD		\$	
0360	02200		ROADWAY EXCAVATION	10,412.00	CUYD		\$	
0370	02230		EMBANKMENT IN PLACE	13,114.00	CUYD		\$	
0380	02235		BACKFILLING UNDERCUT	9,600.00	CUYD		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	02598		FABRIC-GEOTEXTILE TYPE III	57,600.00	SQYD		\$	
0400	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0410	02677		ASPHALT PAVE MILLING & TEXTURING	2,348.00	TON		\$	
0420	02695		RUMBLE STRIPS TYPE 3	420.00	LF		\$	
0430	10203ND		PAVEMENT ADJUSTMENT CONCRETE	1.00	LS	785,704.00	\$	\$785,704.00
0431	20071EC		JOINT ADHESIVE (ADDED: 11-7-14)	19,582.00	LF		\$	

Section: 0003 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0439	00071		CRUSHED AGGREGATE SIZE NO 57 (ADDED: 11-18-14)	248.00	TON		\$	
0440	00078		CRUSHED AGGREGATE SIZE NO 2	2,150.00	TON		\$	
0450	01001		PERFORATED PIPE-6 IN	105,950.00	LF		\$	
0460	01011		NON-PERFORATED PIPE-6 IN	4,250.00	LF		\$	
0470	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0480	01021		PERF PIPE HEADWALL TY 1-6 IN	30.00	EACH		\$	
0490	01029		PERF PIPE HEADWALL TY 3-6 IN	38.00	EACH		\$	
0500	01033		PERF PIPE HEADWALL TY 4-6 IN	38.00	EACH		\$	
0510	01480		CURB BOX INLET TYPE B	2.00	EACH		\$	
0520	01690		FLUME INLET TYPE 1	4.00	EACH		\$	
0530	01718		REMOVE INLET	2.00	EACH		\$	
0540	01720		RECONSTRUCT INLET	30.00	EACH		\$	
0550	01741		CORED HOLE DRAINAGE BOX CON-6 IN	54.00	EACH		\$	
0560	01845		ISLAND INTEGRAL CURB	320.00	LF		\$	
0570	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	460.00	EACH		\$	
0580	02014		BARRICADE-TYPE III	18.00	EACH		\$	
0590	02237		DITCHING	12,800.00	LF		\$	
0600	02352		GUARDRAIL-STEEL W BEAM-D FACE	1,375.00	LF		\$	
0610	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	26.00	EACH		\$	
0620	02365		CRASH CUSHION TYPE IX-A	10.00	EACH		\$	
0630	02367		GUARDRAIL END TREATMENT TYPE 1	20.00	EACH		\$	
0640	02369		GUARDRAIL END TREATMENT TYPE 2A	27.00	EACH		\$	
0650	02377		GUARDRAIL CONNECTOR TO BRIDGE END TY C	4.00	EACH		\$	
0660	02381		REMOVE GUARDRAIL	33,850.00	LF		\$	
0670	02391		GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
0680	02397		TEMP GUARDRAIL	1,250.00	LF		\$	
0690	02483		CHANNEL LINING CLASS II	1,400.00	TON		\$	
0700	02484		CHANNEL LINING CLASS III	1,200.00	TON		\$	
0710	02562		TEMPORARY SIGNS	1,836.00	SQFT		\$	
0720	02565		OBJECT MARKER TYPE 2	20.00	EACH		\$	
0730	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0740	02655		CROSSOVER NO.1	1.00	LS		\$	
0750	02655		CROSSOVER NO.2	1.00	LS		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0760	02655		CROSSOVER NO.3	1.00	LS		\$	
0770	02655		CROSSOVER NO.4	1.00	LS		\$	
0780	02655		CROSSOVER NO.5	1.00	LS		\$	
0790	02655		CROSSOVER NO.6	1.00	LS		\$	
0791	02655		CROSSOVER (NO. 7) (ADDED: 11-18-14)	1.00	LS		\$	
0800	02671		PORTABLE CHANGEABLE MESSAGE SIGN	10.00	EACH		\$	
0810	02714		SHOULDERING	27,360.00	LF		\$	
0820	02726		STAKING	1.00	LS		\$	
0830	02775		ARROW PANEL	2.00	EACH		\$	
0840	02929		CRASH CUSHION TYPE IX	8.00	EACH		\$	
0850	03225		TUBULAR MARKERS	1,040.00	EACH		\$	
0860	03262		CLEAN PIPE STRUCTURE	1.00	EACH		\$	
0870	04830		LOOP WIRE	300.00	LF		\$	
0880	05950		EROSION CONTROL BLANKET	65,400.00	SQYD		\$	
0890	05966		TOPDRESSING FERTILIZER	7.04	TON		\$	
0900	05985		SEEDING AND PROTECTION	68,000.00	SQYD		\$	
0910	05992		AGRICULTURAL LIMESTONE	46.00	TON		\$	
0920	06401		FLEXIBLE DELINEATOR POST-M/W	1,063.00	EACH		\$	
0930	06404		FLEXIBLE DELINEATOR POST-M/Y	394.00	EACH		\$	
0940	06412		STEEL POST MILE MARKERS	10.00	EACH		\$	
0950	06511		PAVE STRIPING-TEMP PAINT-6 IN	83,400.00	LF		\$	
0960	06549		PAVE STRIPING-TEMP REM TAPE-B	380.00	LF		\$	
0970	06550		PAVE STRIPING-TEMP REM TAPE-W	1,680.00	LF		\$	
0980	06551		PAVE STRIPING-TEMP REM TAPE-Y	840.00	LF		\$	
0990	06570		PAVE MARKING-PAINT CROSS-HATCH	13,812.00	SQFT		\$	
1000	06592		PAVEMENT MARKER TYPE V-B W/R	1,239.00	EACH		\$	
1010	06593		PAVEMENT MARKER TYPE V-B Y/R	505.00	EACH		\$	
1020	06600		REMOVE PAVEMENT MARKER TYPE V	660.00	EACH		\$	
1030	08100		CONCRETE-CLASS A	44.47	CUYD		\$	
1040	08150		STEEL REINFORCEMENT	392.00	LB		\$	
1050	20205EC		PAVE MARK STOP BAR-24 IN PAINT	214.00	LF		\$	
1060	20411ED		LAW ENFORCEMENT OFFICER	1,000.00	HOURL		\$	
1070	20456NS835		INSTALL TEMP VIDEO CAMERA	1.00	EACH		\$	
1080	20467NS112		RELOCATE TUBULAR MARKER	600.00	EACH		\$	
1090	21659NN		RELOCATE SIGNAL HEAD	1.00	EACH		\$	
1100	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	30,550.00	LF		\$	
1110	22664EN		WATER BLASTING EXISTING STRIPE	54,740.00	LF		\$	
1120	22883EN		CONCRETE WEDGE CURB	3,223.00	LF		\$	
1130	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS		\$	
1140	23670EC		INSTALL VIDEO DETECTION CABLE	200.00	LF		\$	
1150	24189ER		DURABLE WATERBORNE MARKING-6 IN W	92,611.00	LF		\$	
1160	24190ER		DURABLE WATERBORNE MARKING-6 IN Y	85,750.00	LF		\$	
1170	24191ER		DURABLE WATERBORNE MARKING-12 IN W	10,700.00	LF		\$	

PROPOSAL BID ITEMS

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Section: 0004 - BRIDGE-TAMARACK ROAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1180	03299		ARMORED EDGE FOR CONCRETE	157.00	LF		\$	
1190	08151		STEEL REINFORCEMENT-EPOXY COATED	1,900.00	LB		\$	
1200	08469		EXPANSION DAM-1.5 IN NEOPRENE	314.00	LF		\$	
1210	08504		EPOXY SAND SLURRY	122.00	SQYD		\$	
1220	08526		CONC CLASS M FULL DEPTH PATCH	4.00	CUYD		\$	
1230	08534		CONCRETE OVERLAY-LATEX	50.00	CUYD		\$	
1240	08549		BLAST CLEANING	1,355.00	SQYD		\$	
1250	08551		MACHINE PREP OF SLAB	1,300.00	SQYD		\$	
1260	24094EC		PARTIAL DEPTH PATCHING	10.00	CUYD		\$	

Section: 0005 - BRIDGE-J.R. MILLER BLVD.

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1270	03299		ARMORED EDGE FOR CONCRETE	131.00	LF		\$	
1280	08151		STEEL REINFORCEMENT-EPOXY COATED	1,011.00	LB		\$	
1290	08469		EXPANSION DAM-1.5 IN NEOPRENE	261.00	LF		\$	
1300	08504		EPOXY SAND SLURRY	123.00	SQYD		\$	
1310	08526		CONC CLASS M FULL DEPTH PATCH	4.00	CUYD		\$	
1320	08534		CONCRETE OVERLAY-LATEX	49.00	CUYD		\$	
1330	08549		BLAST CLEANING	1,155.00	SQYD		\$	
1340	08551		MACHINE PREP OF SLAB	1,100.00	SQYD		\$	
1350	24094EC		PARTIAL DEPTH PATCHING	10.00	CUYD		\$	

Section: 0006 - BRIDGE-SUTHERLAND ROAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1360	03299		ARMORED EDGE FOR CONCRETE	131.00	LF		\$	
1370	08151		STEEL REINFORCEMENT-EPOXY COATED	867.00	LB		\$	
1380	08469		EXPANSION DAM-1.5 IN NEOPRENE	261.00	LF		\$	
1390	08504		EPOXY SAND SLURRY	95.00	SQYD		\$	
1400	08526		CONC CLASS M FULL DEPTH PATCH	3.00	CUYD		\$	
1410	08534		CONCRETE OVERLAY-LATEX	37.00	CUYD		\$	
1420	08549		BLAST CLEANING	880.00	SQYD		\$	
1430	08551		MACHINE PREP OF SLAB	836.00	SQYD		\$	
1440	24094EC		PARTIAL DEPTH PATCHING	8.00	CUYD		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1450	02568		MOBILIZATION	1.00	LS		\$	
1460	02569		DEMOBILIZATION	1.00	LS		\$	

2-2085.00
 Daviess County
 US 60

**SPECIAL NOTE FOR NONWOVEN GEOTEXTILE SEPARATOR FOR
 UNBONDED CONCRETE OVERLAYS**

This Special Note applies to the separator layer required between the JPC Pavement and the existing concrete pavement. The Contractor may elect to substitute the Drainage Layer/Bond-Breaker with a Geotextile Separator, as defined in this note, on this project. If the Contractor elects to use the Geotextile Separator they will be paid the plan quantity and contract unit bid price for the Modified Open-Graded Drainage Course. Section references herein are to the Department's current Standard Specifications for Road and Bridge Construction.

1.0 DESCRIPTION. This work consists of furnishing and installing a nonwoven, needle-punched geotextile separator as detailed on the plans and in the proposal. Complete this work in accordance with the manufacturer's installation guidelines, the Standard Specifications for Road and Bridge Construction, and as detailed herein.

2.0 MATERIALS.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Weight	ASTM D 5261	oz/sq yd	14.6
Thickness Under Load	ASTM D 5199		
0.29 psi		mils	118
2.9 psi		mils	98
29 psi		mils	39
Wide Width Tensile Strength	ASTM D 4595	lb/ft	685
Wide Width Elongation	ASTM D 4595	%	130
Water Permeability in Normal Direction Under 2.9 psi Load	ASTM D 5493 or ASTM D 4491	ft/min	0.02
In-plane Water Permeability	ASTM D 6574		
2.9 psi		ft/min	0.10
		ft/min	0.04
Alkali Resistance	EN 13249, Annex B	% polypropylene / polyethylene	96
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	80

3.0 CONSTRUCTION. Install the geotextile separator on existing concrete pavement to be overlaid. Any joint faulting in the existing concrete pavement greater than 1/2 inch should be leveled with asphalt material. The material necessary for leveling will be incidental to this work. Adhere the geotextile to existing pavement with one of or a combination of the following methods:

1. An application of tack coat prior to placing the geotextile
2. Pins or nails punched through 2 to 2.75-inch galvanized washers/discs every 6 feet or less.

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3. In accordance with the manufacturer's recommendations.

Eliminate wrinkles or waves which may develop in the geotextile during placement. Lap all longitudinal joints in the geotextile at least 8 inches. Ensure that the geotextile extends completely over the width of the longitudinal edge drain trench to provide positive drainage to the trench. Roll out the minimum amount of geotextile needed for the day's placement. Ensure the geotextile is not damaged by construction traffic.

4.0 PAYMENT. The Department will make payment for the completed and accepted work based upon the contract unit bid price and plan quantity for the following item:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
0269	Modified Open-Graded Drainage Course	Ton

The Department will consider payment as full compensation for all work required in this note.

November 10, 2014