



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET

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

September 19, 2018

Matthew G. Bevin
Governor

Greg Thomas
Secretary

CALL NO. 106
CONTRACT ID NO. 181230
ADDENDUM # 1

Subject: JEFFERSON COUNTY, STP 8751 (017)
Letting September 21, 2018

- (1) Revised - Pavement Rehab General Summary Sheet - Page 32 of 198
- (2) Added - Striping Quantity Summary Sheet - Page 53(a) of 198
- (3) Revised - Special Notes References - Page 68 of 198
- (4) Added - Chevron Pavement Markings Detail Sheet - Page 91(a) of 198
- (5) Revised - Proposal Bid Items - Pages 197-198 of 198

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 black ink that reads "Rachel Mills".

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

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

**POPLAR LEVEL (KY 864) PAVEMENT REHABILITATION
JEFFERSON COUNTY MILEPOST 7.111-11.438
ITEM NUMBER: 5-20023.00
GENERAL SUMMARY**

ITEM NUMBER	ITEM	NOTE	QUANTITY	UNIT
1	DGA BASE	3	100	TON
69	CRUSHED AGGREGATE SIZE NO. 3	3	100	TON
1792	ADJUST MANHOLE FRAME TO GRADE	6	2	EACH
1820	LIP CURB AND GUTTER		6	LF
1830	STANDARD INTEGRAL CURB		37	LF
2058	REMOVE PCC PAVEMENT	4	20,273	SQ YD
2060	PCC PAVEMENT DIAMOND GRINDING		148,446	SQ YD
2073	JPC PAVEMENT - 9 IN	4	20,273	SQ YD
2110	PARTIAL DEPTH PATCHING (BRIDGE)	1	103	CU FT
2115	SAW-CLEAN-RESEAL TVERSE JOINT		82,895	LF
2116	SAW-CLEAN-RESEAL LONGIT JOINT		139,660	LF
2200	ROADWAY EXCAVATION	3	50	CU YD
2562	TEMPORARY SIGNS	2	250	SQ FT
2568	MOBILIZATION		1	LS
2569	DEMOBILIZATION		1	LS
2599	FABRIC - GEOTEXTILE TYPE IV	3	500	SQ YD
2650	MAINTAIN AND CONTROL TRAFFIC		1	LS
2671	PORTABLE CHANGEABLE MESSAGE SIGN	2	6	EACH
2720	SIDEWALK - 4IN CONCRETE		1,027	SQ YD
2775	ARROW PANEL	2	2	EACH
3260	CLEAN ROADWAY DRAINS		57	EACH
6412	STEEL POST MILE MARKERS		8	EACH
6510	PAVE STRIPING-TEMP PAINT - 4 IN		27,355	LF
6554	PAVE STRIPING-DUR TY 1-4 IN W		3,345	LF
6555	PAVE STRIPING-DUR TY 1-4 IN Y		2,457	LF
6563	PAVE MARKING - R/R XBUCKS 16 IN		88	LF
6568	PAVE MARKING-THERMO STOP BAR-24IN		959	LF
6573	PAVE MARKING - THERMO STR ARROW		4	EACH
6574	PAVE MARKING - THERMO CURV ARROW		60	EACH
6589	PAVEMENT MARKER TYPE V - MW		683	EACH
6600	REMOVE PAVEMENT MARKER TYPE V		683	EACH
10020NS	FUEL ADJUSTMENT		5,345	DOLL
20750ND	DOWEL BAR RETROFIT		114	EACH
21173EC	SAW-CLEAN-RESEAL RANDOM CRACKS	5	3,000	LF
22861EN	HIGH STRENGTH GEOTEXTILE FABRIC TY V	3	500	SQ YD
23158ES505	DETECTABLE WARNINGS		1,004	SQ FT
24401EC	DURABLE WATERBORNE MARKING - 4 IN W		61,663	LF
24402EC	DURABLE WATERBORNE MARKING - 4 IN Y		43,108	LF
24679ED	PAVE MARK THERMO CHEVRON	7	2,890	SQ FT
24997EC	PARTIAL DEPTH PATCHING - POLYMER MOD		106	CU FT

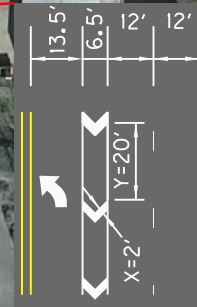
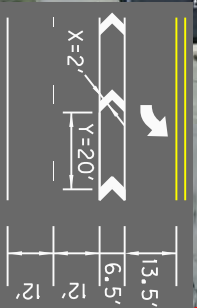
- (1) Includes 97 CUFT for North Bridge over Greasy Ditch (M.P. 10.0) repair and 6 CUFT for South Bridge over Greasy Ditch (M.P. 9.4) repair.
- (2) Includes initial placement. Any relocation required will not be paid for directly, but will be considered incidental to maintain and control traffic.
- (3) To be used as directed by the Engineer.
- (4) Includes an additional 10% for continuing pavement deterioration
- (5) 391 LF carried over from Saw-Clean & Reseal Random Crack Summary. Remaining quantity to be used as directed by the Engineer
- (6) Approx Stations 14+04 and 16+45
- (7) X=2', Y=20' (Refer to Chevron Pavement Markings Detail for more information).

NOTE: Quantities from all summaries have been carried over and included in this General Summary

COUNTY OF	ITEM NO.
JEFFERSON	5-20023.00

STRIPING QUANTITY SUMMARY	
OFFSET LEFT TURNS	
4" WHITE-DURABLE WATERBORNE (4WS)	584 L.F.
4" YELLOW-DURABLE WATERBORNE (4YS) (4DY)	•
24" WHITE STOP BAR (SB)	16 L.F.
LEFT TURN ARROW	3
PAVE MARK THERMO CHEVRON	2,890 S.F.

•QUANTITY IS ALREADY INCLUDED IN RESTRIPIING FOLLOWING DIAMOND GRINDING OPERATIONS.



BEGIN SPECIAL STRIPING STA. 110+50
MATCH EXISTING STRIPING ELSEWHERE

END SPECIAL STRIPING STA. 119+00
MATCH EXISTING STRIPING ELSEWHERE

NOTE: REFER TO CHEVRON PAVEMENT MARKINGS DETAIL FOR FURTHER INFORMATION.
CHEVRON PAVEMENT MARKINGS SHALL BE 2' STRIPES SPACED EVERY 20'

POPLAR LEVEL RD (KY 864)
STRIPING PLAN - OFFSET LEFT TURNS
E. INDIAN TRAIL INTERSECTION

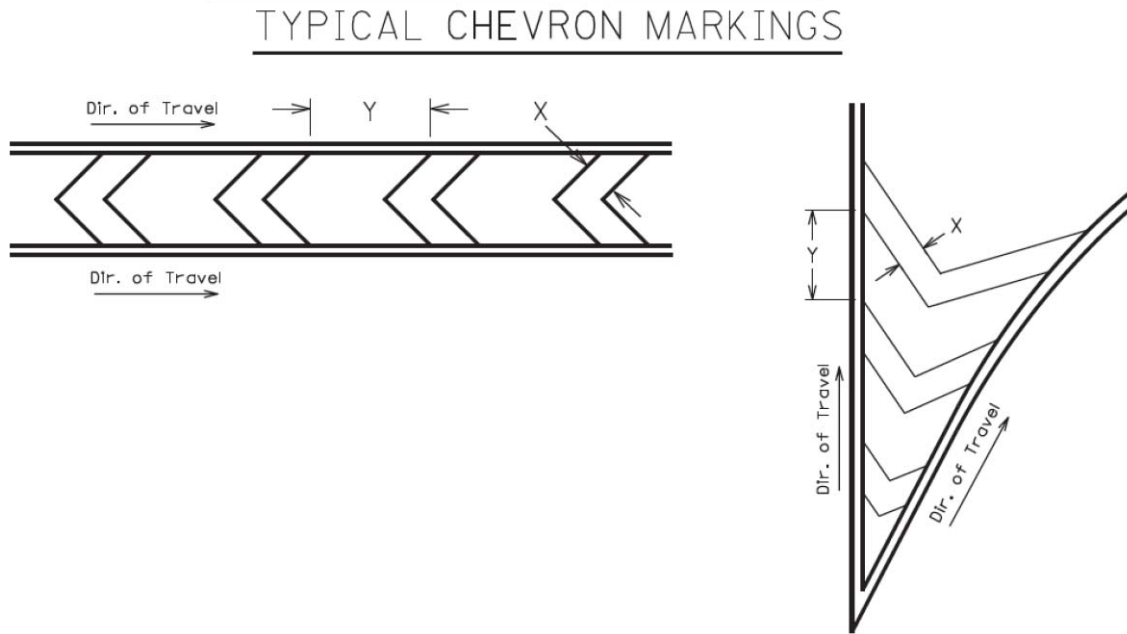
SCALE: 1"=100'



4. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2012 - Supplemental Specifications, as applicable:

Special Note II	Portable Changeable Message Signs (6/15/2012)
Special Note	Full Depth Concrete Pavement Repair (8/03/2018)
Special Note	Polymer Modified Partial Depth Patching <i>attached</i>
Special Note	Typical Section Dimensions <i>attached</i>
Special Note	Removing Existing Pavement Markers on Portland Cement Pavement <i>attached</i>
Special Note	Before You Dig <i>attached</i>
Special Note	Fixed Completion Date and Liquidated Damages <i>attached</i>
Special Note	Sealing Existing Transverse and Longitudinal Joints and Random Cracks <i>attached</i>
Special Note	Dowel Bar Retrofit <i>attached</i>
Special Note	Chevron Pavement Markings Detail <i>attached</i>
Special Note	Material, Installation, and Bid Item Notes for Permanent Traffic Data Acquisition Station <i>attached</i>
Special Note	Partial Depth Concrete Deck Patching <i>attached</i>

CHEVRON PAVEMENT MARKINGS DETAIL



The chevron pavement marking width (X) and spacing (Y) will usually be specified in the plans. The width to spacing values usually have a ratio of 1:10. If the plans do not specify the width (X) and spacing (Y) the Engineer will provide the contractor with the X and Y values for each chevron installation. If necessary, the Engineer may obtain guidance from the District Traffic Engineer and/or the Division of Traffic Operations.

NOTE: Adjust the width and spacing of the chevron pavement markings as necessary so that a minimum of three (3) chevron markings are placed within the area being marked. The 1:10 ratio between width and spacing values should be maintained as much as possible.

Refer to Section 717 of the Standard Specifications for Road and Bridge Construction, current edition, for more information concerning Material and Construction specifications.

The Department will measure the finished in-place area of Chevron Pavement Markings in Square Feet. The Department will NOT measure overlaps or the void space between the chevrons. See Section 717.04 for additional measurement information.

When listed as a bid item, the Department will make payment for the completed and accepted quantities of Chevron Pavement Markings under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
24679ED	Pave Mark Thermo Chevron	Square Foot

PROPOSAL BID ITEMS

Report Date 9/19/18

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	100.00	TON		\$	
0020	00069		CRUSHED AGGREGATE SIZE NO 3	100.00	TON		\$	
0030	02058		REMOVE PCC PAVEMENT	20,273.00	SQYD		\$	
0040	02060		PCC PAVEMENT DIAMOND GRINDING	148,446.00	SQYD		\$	
0050	02073		JPC PAVEMENT-9 IN	20,273.00	SQYD		\$	
0060	02110		PARTIAL DEPTH PATCHING	103.00	CUFT		\$	
0070	02115		SAW-CLEAN-RESEAL TVERSE JOINT	82,895.00	LF		\$	
0080	02116		SAW-CLEAN-RESEAL LONGIT JOINT	139,660.00	LF		\$	
0090	20750ND		DOWEL BAR RETROFIT	114.00	EACH		\$	
0100	21173EC		SAW-CLEAN-RESEAL RANDOM CRACKS	3,000.00	LF		\$	
0110	24997EC		PARTIAL DEPTH PATCHING-POLYMER MOD	106.00	CUFT		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0120	01792		ADJUST MANHOLE (FRAME TO GRADE)	2.00	EACH		\$	
0130	01820		LIP CURB AND GUTTER	6.00	LF		\$	
0140	01830		STANDARD INTEGRAL CURB	37.00	LF		\$	
0150	02200		ROADWAY EXCAVATION	50.00	CUYD		\$	
0160	02562		TEMPORARY SIGNS	250.00	SQFT		\$	
0170	02599		FABRIC-GEOTEXTILE TYPE IV	500.00	SQYD		\$	
0180	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0190	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0200	02720		SIDEWALK-4 IN CONCRETE	1,027.00	SQYD		\$	
0210	02775		ARROW PANEL	2.00	EACH		\$	
0220	03260		CLEAN ROADWAY DRAINS	57.00	EACH		\$	
0230	06412		STEEL POST MILE MARKERS	8.00	EACH		\$	
0240	06510		PAVE STRIPING-TEMP PAINT-4 IN	27,355.00	LF		\$	
0250	06554		PAVE STRIPING-DUR TY 1-4 IN W	3,345.00	LF		\$	
0260	06555		PAVE STRIPING-DUR TY 1-4 IN Y	2,457.00	LF		\$	
0270	06563		PAVE MARKING-R/R XBUCKS 16 IN	88.00	LF		\$	
0280	06568		PAVE MARKING-THERMO STOP BAR-24IN (REVISED: 9-19-18)	943.00	LF		\$	
0290	06573		PAVE MARKING-THERMO STR ARROW	4.00	EACH		\$	
0300	06574		PAVE MARKING-THERMO CURV ARROW (REVISED: 9-19-18)	60.00	EACH		\$	
0310	06589		PAVEMENT MARKER TYPE V-MW	683.00	EACH		\$	
0320	06600		REMOVE PAVEMENT MARKER TYPE V	683.00	EACH		\$	
0330	10020NS		FUEL ADJUSTMENT	5,345.00	DOLL	\$1.00	\$	\$5,345.00
0340	22861EN		HIGH STRENGTH GEOTEXTILE FABRIC TY V	500.00	SQYD		\$	
0350	23158ES505		DETECTABLE WARNINGS	1,004.00	SQFT		\$	
0360	24401EC		DURABLE WATERBORNE MARKING-4 IN W (REVISED: 9-19-18)	61,663.00	LF		\$	
0370	24402EC		DURABLE WATERBORNE MARKING-4 IN Y (REVISED: 9-19-18)	43,108.00	LF		\$	

PROPOSAL BID ITEMS

Report Date 9/19/18

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0455	24679ED		PAVE MARK THERMO CHEVRON (ADDED: 9-19-18)	2,890.00	SQFT		\$	

Section: 0003 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	04792		CONDUIT-1 IN	700.00	LF		\$	
0390	04795		CONDUIT-2 IN	170.00	LF		\$	
0400	04811		ELECTRICAL JUNCTION BOX TYPE B	42.00	EACH		\$	
0410	04820		TRENCHING AND BACKFILLING	1,890.00	LF		\$	
0420	04830		LOOP WIRE	21,290.00	LF		\$	
0430	04850		CABLE-NO. 14/1 PAIR	15,485.00	LF		\$	
0440	04895		LOOP SAW SLOT AND FILL	8,740.00	LF		\$	
0450	21543EN		BORE AND JACK CONDUIT	170.00	LF		\$	
0460	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	1,955.00	LF		\$	
0470	24963ED		LOOP TEST	82.00	EACH		\$	

Section: 0004 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0480	04793		CONDUIT-1 1/4 IN	45.00	LF		\$	
0490	04811		ELECTRICAL JUNCTION BOX TYPE B	2.00	EACH		\$	
0500	04820		TRENCHING AND BACKFILLING	40.00	LF		\$	
0510	04829		PIEZOELECTRIC SENSOR	4.00	EACH		\$	
0520	04830		LOOP WIRE	1,500.00	LF		\$	
0530	04895		LOOP SAW SLOT AND FILL	350.00	LF		\$	
0540	20360ES818		WOOD POST	2.00	EACH		\$	
0550	20468EC		ELECTRICAL JUNCTION BOX-10 X 8 X 4	2.00	EACH		\$	

Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0560	02568		MOBILIZATION	1.00	LS		\$	
0570	02569		DEMOBILIZATION	1.00	LS		\$	