



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Jim Gray  
SECRETARY

April 24, 2023

CALL NO. 104  
CONTRACT ID NO. 231023  
ADDENDUM # 2

Subject: Hopkins County, NHPP 0691 (012)  
Letting April 27, 2023

- (1) Revised - Detail Sheet - Page 34 of 139
- (2) Revised - Summary Sheet - Pages 35-36 of 139
- (3) Revised - Proposal Bid Items - Pages 138-139 of 139

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

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

Sincerely,

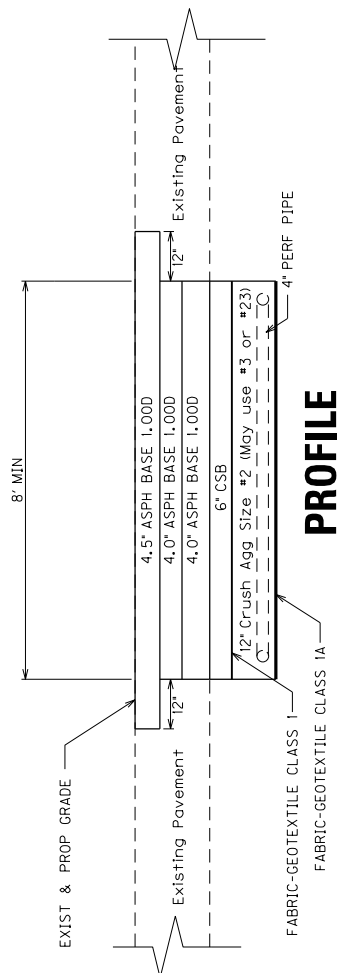
Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills".

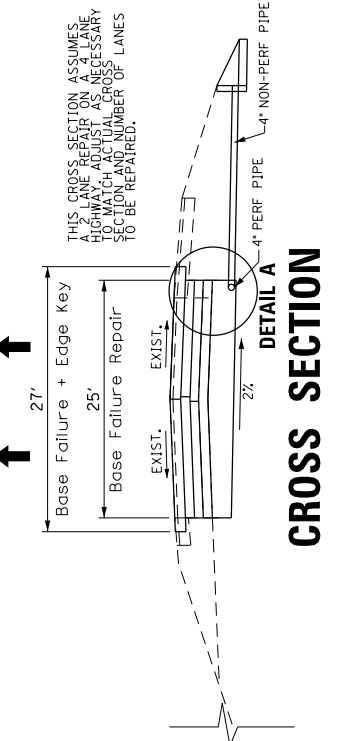
Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:mr  
Enclosures

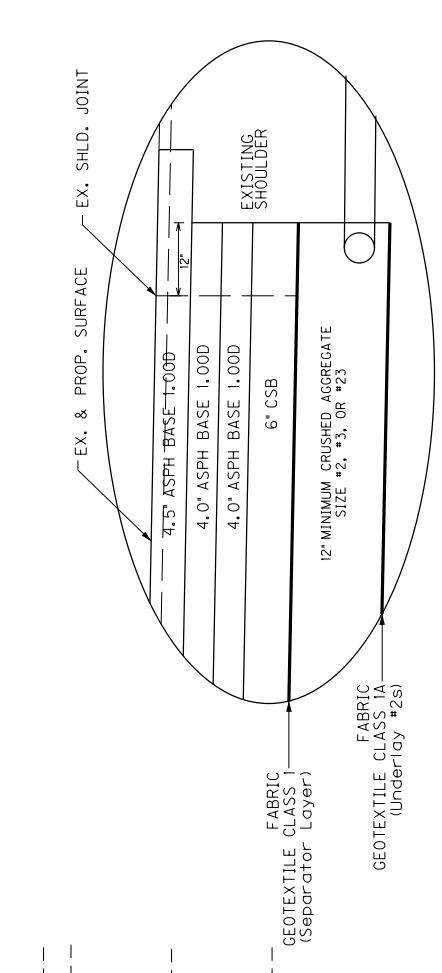
# BASE FAILURE REPAIR DETAIL



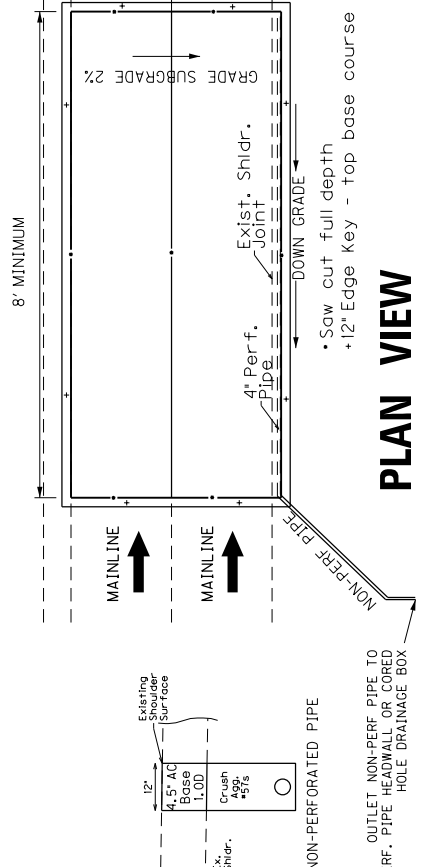
## PROFILE



## CROSS SECTION



## DETAIL A



## PLAN VIEW

\* QUANTITIES TO BID  
3240 BASE FAILURE REPAIR SO. YD.

\* Only items listed will be considered for payment and will considered full compensation for the work required. Any other items of work not listed for payment will be considered incidental to other items of work. Items carried to Paving Summary.  
Asph base course class and binder grade to be chosen by designer based on current asphalt warrants and/or to remain consistent with mainline asphalt surface used on the project.

NOT TO SCALE

### NOTES

1. Caution: Existing concrete pavement may exist below the asphalt pavement.
2. Full depth base failure repairs shall be performed at locations selected by and as directed by the Engineer. The Engineer will assess, select, and mark areas for treatment. The full lane width will be removed and replaced. The Engineer may elect to perform repairs on one lane or multiple lanes. An edge key 12" into existing pavement is required for the top course of base. If only one lane is being repaired, carry top base course 12" into adjacent lane when MOT allows.
3. When replacing the outside lane, perforated pipe should be placed under the shoulder by extending the repair area 12 inches into the existing shoulder.
4. Select an appropriate outlet source which may include a perf pipe headwall or cored hole in an existing drop box inlet. Non-perf outlet pipe may require installation at significant length or adjusted alignment to provide positive drainage. Grade subgrade to the outlet side of the excavation at 2%. Install a longitudinal perforated pipe on the low side of subgrade connecting to the down grade outlet.
5. Complete base failure operations in one continuous operation or protect with barrier wall. Do not leave an unprotected hole with no workers present. If barrier wall must be used for base failure repairs, it will be considered incidental to other items of work and not be considered for payment.
6. After completing base failure repair operations, open to traffic for a minimum of 14 days before resurfacing. Monitor pavement for settlement during this 14+ days and repair by leveling and wedging, as approved by the Engineer, until placement of final surface course.
7. All items required to perform the Base Failure repair including Crushed Stone Base, Crushed aggregate No. 2, Pavement removal, Roadway Excavation, Fabric-Geotextile Class 1, Fabric-Geotextile Class 1a, Asphalt Base, and any other items of work required by the Engineer to perform the repair shall be incidental to the bid item "BASE FAILURE REPAIR", SO, YD.
8. Perforated pipe, non-perforated pipe, crushed aggregate #57s, cored hole drainage structures, and perforated pipe headwalls will not be measured for payment and will be considered incidental to other items of work.
9. Perform typical mill and inlay operations with resurfacing items subject to payment as part of the resurfacing operation.

**I-69 PAVEMENT REHABILITATION  
HOPKINS COUNTY  
MILEPOST 105.046 TO 107.15  
ITEM NUMBER: 2-22086  
GENERAL SUMMARY**

ITEM NUMBER	ITEM		QUANTITY	UNIT
1	DGA BASE	(1)	1,081	TON
100	ASPHALT SEAL AGGREGATE	(2)	15	TON
103	ASPHALT SEAL COAT	(2)	2	TON
194	LEVELING AND WEDGING PG76-22	(9)	500	TON
335	CL4 ASPH SURF 0.50A PG76-22		13,538	TON
1484	CURB BOX INLET TYPE B-T		3	EACH
1691	FLUME INLET TYPE 2		2	EACH
1982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE		14	EACH
1983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW		4	EACH
2165	REMOVE PAVED DITCH		30	SQYD
2220	FLOWABLE FILL		1	CUYD
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A		2	EACH
2367	GUARDRAIL END TREATMENT TYPE 1		9	EACH
2381	REMOVE GUARDRAIL		1,150.0	LF
2383	REMOVE AND RESET GUARDRAIL		512.5	LF
2483	CHANNEL LINING CLASS II	(3)	125	TON
2562	TEMPORARY SIGNS		2,500	SQFT
2568	MOBILIZATION		1	LS
2569	DEMOBILIZATION		1	LS
2650	MAINTAIN & CONTROL TRAFFIC		1	LS
2671	PORTABLE CHANGEABLE MESSAGE SIGN		4	EACH
2676	MOBILIZATION FOR MILL & TEXT		1	LS
2677	ASPHALT PAVE MILLING & TEXTURING	(4)	13,538	TON
2704	SILT TRAP TYPE B	(5)	10	EACH
2707	CLEAN SILT TRAP TYPE B	(5)	10	EACH
2775	ARROW PANEL		4	EACH
3240	BASE FAILURE REPAIR		153	SQYD
5950	EROSION CONTROL BLANKET	(5)	1,500	SQYD
6401	FLEXIBLE DELINEATOR POST-M/W		570	EACH
6404	FLEXIBLE DELINEATOR POST-M/Y		232	EACH
6412	STEEL POST MILE MARKERS		4	EACH
6511	PAVE STRIPING-TEMP PAINT - 6 IN		99,076	LF
6542	PAVE STRIPING THERMO - 6 IN W		53,915	LF
6543	PAVE STRIPING THERMO - 6 IN Y		43,197	LF
6546	PAVE STRIPING-THERMO - 12 IN W		5,038	LF
6556	PAVE STRIPING-DUR TY 1-6 IN W	(6)	1,084	LF
6557	PAVE STRIPING-DUR TY 1-6 IN Y	(6)	880	LF
6578	PAVE MARKING-THERMO MERGE ARROW		4	EACH
6613	INLAID PAVEMENT MARKERS-B W/R		608	EACH
6614	INLAID PAVEMENT MARKERS-B Y/R		120	EACH
10020NS	FUEL ADJUSTMENT		21,054	DOLL
10030NS	ASPHALT ADJUSTMENT		52,881	DOLL
20071EC	JOINT ADHESIVE		73,304	LF
20191ED	OBJECT MARKER TYPE 3	(7)	9	EACH
20362ES403	SHOULDER RUMBLE STRIPS-SAWED		82,905	LF
21802EN	GUARDRAIL-STEEL W BEAM-S FACE (7 FT POST)		750.0	LF
22883EN	CONCRETE WEDGE CURB		330	LF
22692NS714	PAVEMENT MARKING-THERMO LETTERS	(8)	56	EACH
24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN		904	LF
24679ED	PAVE MARK THERMO CHEVRON		4,622	SQ FT
24785EC	FIBER REINFORCEMENT FOR HMA		13,538	TON
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT		1,476,927	SQFT

**I-69 PAVEMENT REHABILITATION  
HOPKINS COUNTY  
MILEPOST 105.046 TO 107.15  
ITEM NUMBER: 2-22086  
GENERAL SUMMARY**

ITEM NUMBER	ITEM		QUANTITY	UNIT
24899EC	PAVE MARKING - THERMO ELONG ROUTE SHIELD	(8)	8	EACH
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING		58	TON
26136EC	PORTABLE QUEUE WARNING ALERT SYSTEM		4	MONTH
26137EC	QUEUE WARNING PCMS		24	MONTH
26138EC	QUEUE WARNING PORTABLE RADAR SENSORS		24	MONTH

- NOTE: Quantities from all roadway summary sheets have been carried over and included in this General Summary
- (1) Includes 931 tons from the Guardrail Summary, and 150 tons from the drainage summary.
  - (2) Quantity is included for areas where guardrail is being constructed or removed and reset.
  - (3) Any excavation and Fabric-Geotextile Class 2 required to place the channel lining is incidental to the lining.
  - (4) Removal of existing pavement markers on asphalt will be considered incidental to Milling and Texturing.
  - (5) To be used as directed by the Engineer for slope and ditch repairs.
  - (6) For permanent striping on bridges
  - (7) For use on guardrail end treatment type 1.
  - (8) See plan sheets for locations.
  - (9) To be used as directed by the Engineer for repairing dips in the pavement, and for repairing shoulder drop-offs at bridge ends.

**PROPOSAL BID ITEMS**

231023

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Report Date 4/24/23

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	1,081.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	15.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	2.00	TON		\$	
0040	00194		LEVELING & WEDGING PG76-22	500.00	TON		\$	
0050	00335		CL4 ASPH SURF 0.50A PG76-22	13,538.00	TON		\$	
0060	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0070	02677		ASPHALT PAVE MILLING & TEXTURING	13,538.00	TON		\$	
0080	20071EC		JOINT ADHESIVE	73,304.00	LF		\$	
0090	03240		BASE FAILURE REPAIR (REVISED 4-24-2023)	153.00	SQYD		\$	
0100	24785EC		FIBER REINFORCEMENT FOR HMA	13,538.00	TON		\$	
0110	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING	58.00	TON		\$	

**Section: 0002 - ROADWAY**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0120	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	14.00	EACH		\$	
0130	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	4.00	EACH		\$	
0140	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH		\$	
0150	02367		GUARDRAIL END TREATMENT TYPE 1	9.00	EACH		\$	
0160	02381		REMOVE GUARDRAIL	1,150.00	LF		\$	
0170	02383		REMOVE & RESET GUARDRAIL	512.50	LF		\$	
0180	02562		TEMPORARY SIGNS	2,500.00	SQFT		\$	
0190	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0200	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0210	02704		SILT TRAP TYPE B	10.00	EACH		\$	
0220	02707		CLEAN SILT TRAP TYPE B	10.00	EACH		\$	
0230	02775		ARROW PANEL	4.00	EACH		\$	
0240	05950		EROSION CONTROL BLANKET	1,500.00	SQYD		\$	
0250	06401		FLEXIBLE DELINEATOR POST-M/W	570.00	EACH		\$	
0260	06404		FLEXIBLE DELINEATOR POST-M/Y	232.00	EACH		\$	
0270	06412		STEEL POST MILE MARKERS	4.00	EACH		\$	
0280	06511		PAVE STRIPING-TEMP PAINT-6 IN	99,076.00	LF		\$	
0290	06542		PAVE STRIPING-THERMO-6 IN W	53,915.00	LF		\$	
0300	06543		PAVE STRIPING-THERMO-6 IN Y	43,197.00	LF		\$	
0310	06546		PAVE STRIPING-THERMO-12 IN W	5,038.00	LF		\$	
0320	06556		PAVE STRIPING-DUR TY 1-6 IN W	1,084.00	LF		\$	
0330	06557		PAVE STRIPING-DUR TY 1-6 IN Y	880.00	LF		\$	
0340	06578		PAVE MARKING-THERMO MERGE ARROW	4.00	EACH		\$	
0350	06613		INLAID PAVEMENT MARKER-B W/R	608.00	EACH		\$	
0360	06614		INLAID PAVEMENT MARKER-B Y/R	120.00	EACH		\$	
0370	10020NS		FUEL ADJUSTMENT	21,054.00	DOLL	\$1.00	\$	\$21,054.00
0380	10030NS		ASPHALT ADJUSTMENT	52,881.00	DOLL	\$1.00	\$	\$52,881.00

**PROPOSAL BID ITEMS**

231023

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Report Date 4/24/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	20191ED		OBJECT MARKER TY 3	9.00	EACH		\$	
0400	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	82,905.00	LF		\$	
0410	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	750.00	LF		\$	
0420	22692NS714		PAVEMENT MARKING-THERMO LETTERS	56.00	EACH		\$	
0430	24679ED		PAVE MARK THERMO CHEVRON	4,622.00	SQFT		\$	
0440	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	904.00	LF		\$	
0450	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,476,927.00	SF		\$	
0460	24899EC		PAVE MARKING-THERMO ELONG ROUTE SHIELD	8.00	EACH		\$	
0470	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	4.00	MONT		\$	
0480	26137EC		QUEUE WARNING PCMS	24.00	MONT		\$	
0490	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	24.00	MONT		\$	

**Section: 0003 - DRAINAGE**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0500	01484		CURB BOX INLET TYPE B-T	3.00	EACH		\$	
0510	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
0520	02165		REMOVE PAVED DITCH	30.00	SQYD		\$	
0530	02220		FLOWABLE FILL	1.00	CUYD		\$	
0540	02483		CHANNEL LINING CLASS II	125.00	TON		\$	
0550	22883EN		CONCRETE WEDGE CURB	330.00	LF		\$	

**Section: 0004 - 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		\$	