



**COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET**  
Frankfort, Kentucky 40622  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

**Matthew G. Bevin**  
Governor

**Greg Thomas**  
Secretary

June 20, 2016

CALL NO. 406  
CONTRACT ID NO. 162141  
ADDENDUM # 1

Subject: Larue County, 062GR16P046-FD05  
Letting June 24, 2016

- (1) Revised - Special Note - Page 10 of 85
- (2) Added - Note - Page 10(a) of 85
- (3) Revised - Material Summary - Page 21 of 85
- (4) Added - Milling Summary - Pages 23(a)-23(b) of 85
- (5) Revised - Typical Section - Page 24 of 85
- (6) Revised - Bid Items - Page 85 of 85

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 cursive script that reads "Rachel Mills".

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

RM:ks  
Enclosures



An Equal Opportunity Employer M/F/D

**SPECIAL NOTE FOR MICRO MILLING**  
**FD05 062 0210 007-015**  
**LARUE COUNTY**

Perform Micro Milling at areas outlined in the Typical Sections and as directed by the Engineer.

- A). Equipment** Provide a cold milling machine with a fine tooth milling drum and an electronic grade control system. The tool spacing of the drum shall not exceed 3/8 inch. The machine shall be equipped with a grade control system capable of determining a mean value from a minimum of three grade sensors. The sensors shall span a minimum length of 20 ft longitudinally. The drum must be capable of producing a macrotexture measurement greater than or equal to 14 inches as described in C) Testing.
- B). Construction** The milling machine shall be operated at a speed and drum revolution per minute such that the macrotexture measurement is greater than or equal to 14 inches as described in C) Testing and the milled pavement profile does not vary longitudinally more than 1/4 inch from a 16' straightedge. Maintain the milling drum such that the cross-slope does not vary more than 1/8 inch from a 10 foot straightedge. Milling shall be performed so that the cross-slope breaks between driving lanes and shoulders remain at their existing locations. Depth of milling shall be set so as to remove rutting, rumble strips, and profile errors. Contractor will take possession of all millings from milling operations. The milled surface shall be swept clean of all loose material after milling and prior to resurfacing.
- C). Testing** Testing shall be performed to determine the macrotexture of the milled pavement surface at a random location chosen in accordance with Kentucky Method KM 64-113-14. Test area shall be cleaned with a stiff wire and or soft bristle brush and protected with a wind screen as necessary. Pour 200 ml of Type 1 glass beads (meeting AASHTO M 247) from a height of 4 inches or less onto the milled pavement surface. Using a round plexiglass disk (8 inches in diameter x 1/2 inch thick) with a round handle, place gently on pile of beads and spread in a slow circular motion to disperse the beads in a circular area and create a defined crest around the perimeter. Continue spreading until the beads are well dispersed and the disk rides on top of the high points of the milled pavement surface. Measure the diameter of the pile in inches at 0 degrees, 45 degrees, 90 degrees and 135 degrees. Determine the macrotexture measurement in inches by adding the four measurements and dividing by four. Frequency of testing shall be a minimum of once daily and additional testing will be performed as determined necessary by the project engineer.
- D). Measurement** The Department will measure Micro Milling in Square Yards of surface milled.
- E). Payment** Payment at the contract unit price per Square Yard of Micro Milling shall be full compensation for all equipment, work, and material necessary to complete the operations described herein.

**SPECIAL NOTE FOR BASE FAILURE REPAIR  
FD05 062 0210 007-015**

Repair locations listed on the summary are approximate only. The Engineer will determine actual repair locations and dimensions at the time of construction. Prior to overall milling and/or leveling and wedging, excavate the designated base failure areas to a depth 6 inches below the existing asphalt pavement surface level. Dispose of the excavated materials at waste sites off the Right-of-Way obtained by the Contractor at no additional cost to the Department. See Special Note for Waste and Borrow.

Backfill the excavated areas with Class 2 Asphalt Base 1.00D PG 64-22. Compact the asphalt base to the compaction required in Section 403.03.10. Seal the asphalt base with leveling and wedging. Perform all base failure repairs in such a manner that removal and replacement are completed on the same day. Do this work as one of the Contractor's first operations in order to allow further compaction by traffic. Do not mill or place new asphalt surface over repaired base failure areas until a minimum of 7 calendar days have elapsed after placement of the asphalt base. After a minimum of 7 calendar days and when the Engineer determines the base failure repair areas have sufficiently stabilized, begin milling and/or resurfacing operations. Prior to milling and/or constructing the new asphalt surface, level and wedge any settlement of the repair areas.

The bidder must draw conclusions as to the conditions encountered. The Department does not give any guarantee as to the accuracy of the data and will not consider any claim for additional compensation if the materials encountered that are not in accord with the classification shown.

Accept payment at the Contract unit prices per square yard for Base Failure repair and per ton for Leveling and Wedging as full compensation for all labor, materials, equipment, and incidentals for removing pavement and disposing of the materials, furnishing and placing asphalt base, leveling and wedging, and all other items necessary to complete the work according to these notes to the satisfaction of the Engineer.

1-3606basefailurerepairmillinlaypaybysy  
01/02/2012

# MATERIAL SUMMARY

**CONTRACT ID: 162141**

**062GR16P046-FD05**

**MP06202101601**

CAMPBELLSVILLE ROAD (KY 210) BEGIN 275 FEET EAST OF GUALT ROAD EXTENDING EAST TO 400 FEET EAST OF O O DESPAIN ROAD ASPHALT RESURFACING, A DISTANCE OF 7.13 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00190	LEVELING & WEDGING PG64-22	422.00	TON
0015	00307	CL2 ASPH SURF 0.38B PG64-22	8,910.00	TON
0020	02562	TEMPORARY SIGNS	430.00	SQFT
0025	02650	MAINTAIN & CONTROL TRAFFIC - (KY 210)	1.00	LS
0030	02676	MOBILIZATION FOR MILL & TEXT - (KY 210)	1.00	LS
0035	02677	ASPHALT PAVE MILLING & TEXTURING - (REVISED: 6-20-16)	225.00	TON
0040	06510	PAVE STRIPING-TEMP PAINT-4 IN	124,000.00	LF
0045	06514	PAVE STRIPING-PERM PAINT-4 IN	124,000.00	LF
0050	06600	REMOVE PAVEMENT MARKER TYPE V	960.00	EACH
0055	10020NS	FUEL ADJUSTMENT	14,526.00	DOLL
0060	10030NS	ASPHALT ADJUSTMENT	36,484.00	DOLL
0065	20362ES403	SHOULDER RUMBLE STRIPS-SAWED	75,292.00	LF
0070	20458ES403	CENTERLINE RUMBLE STRIPS	35,000.00	LF
0075	23019EN	ASPHALT MILLING AND TEXTURING - (MICRO MILLING) (REVISED: 6-20-16)	122,300.00	SQYD
0080	02569	DEMOBILIZATION	1.00	LS
0085	03240	BASE FAILURE REPAIR - (ADDED: 6-20-16)	1,194.00	SQYD

**CONTRACT ID: 162141**

**062GR16P046-FD05**

**MP062031E1601**

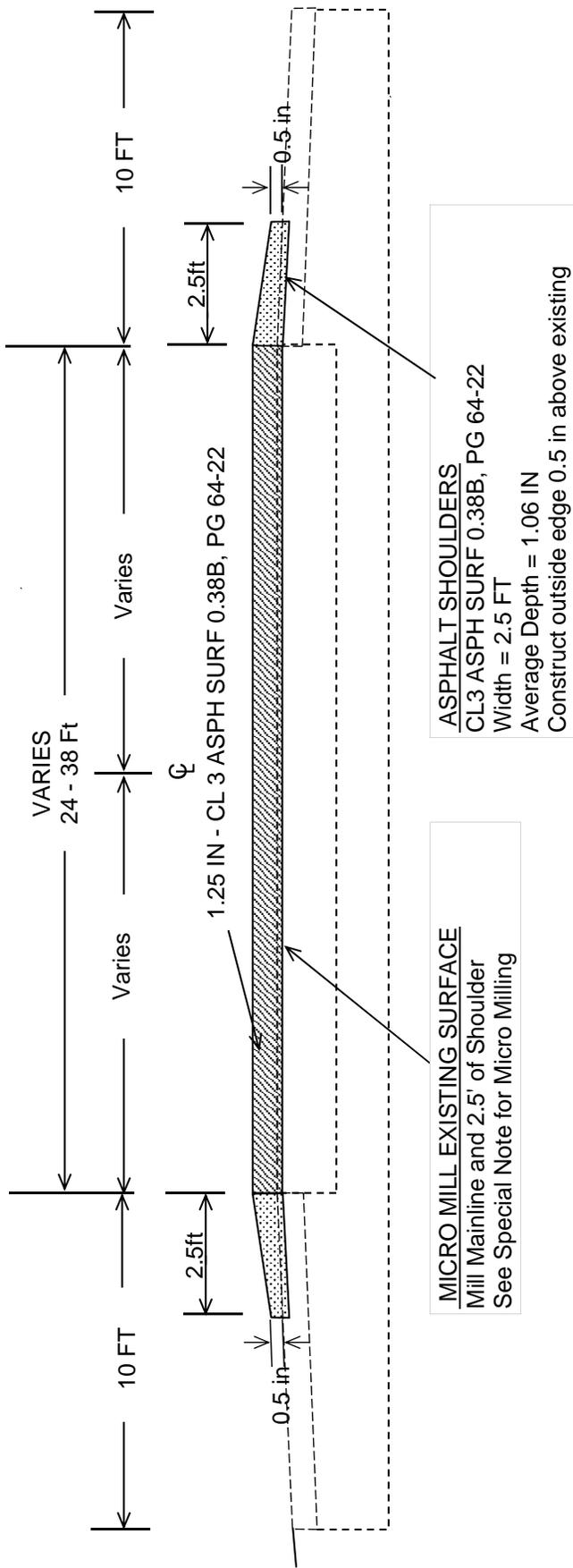
NEW JACKSON HIGHWAY (US 31E) BEGIN AT THE LARUE/HART COUNTY LINE EXTENDING NORTH TO KY 61 ASPHALT RESURFACING, A DISTANCE OF 6.92 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00190	LEVELING & WEDGING PG64-22	949.00	TON
0010	00301	CL2 ASPH SURF 0.38D PG64-22	6,600.00	TON
0015	02562	TEMPORARY SIGNS	550.00	SQFT
0020	02650	MAINTAIN & CONTROL TRAFFIC - (US 31E)	1.00	LS
0025	02676	MOBILIZATION FOR MILL & TEXT - (US 31E)	1.00	LS
0030	02677	ASPHALT PAVE MILLING & TEXTURING - (REVISED: 6-20-16)	65.00	TON
0035	06510	PAVE STRIPING-TEMP PAINT-4 IN	20,000.00	LF
0040	06514	PAVE STRIPING-PERM PAINT-4 IN	135,000.00	LF
0045	06568	PAVE MARKING-THERMO STOP BAR-24IN	14.00	LF
0050	06574	PAVE MARKING-THERMO CURV ARROW	2.00	EACH
0055	06600	REMOVE PAVEMENT MARKER TYPE V	960.00	EACH
0060	10020NS	FUEL ADJUSTMENT	11,750.00	DOLL
0065	10030NS	ASPHALT ADJUSTMENT	29,514.00	DOLL
0070	02569	DEMOBILIZATION	1.00	LS





**TYPICAL SECTION  
LARUE COUNTY  
FD05 062 0210 007-015  
MP 7.528 - 14.658**



- NOTES:**
- 1). MILLING SHALL BE PERFORMED SO THAT THE EXISTING SLOPES AND BREAKS ARE MAINTAINED
  - 2). MP 7.528 - 7.684, 3 LANE SECTION, 38' WIDE WITH 10' PAVED SHOULDERS  
MP 7.684 - 14.658, 2 LANE SECTION, 24' WIDE WITH 10' PAVED SHOULDERS
  - 3). SHOULDER RUMBLE STRIPS SAWED AND CENTERLINE RUMBLE STRIPS MP'S 7.528 TO 14.658

**PROPOSAL BID ITEMS**

Report Date 6/20/16

**Section: 0001 - PAVING**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	1,371.00	TON		\$	
0030	00301		CL2 ASPH SURF 0.38D PG64-22	6,600.00	TON		\$	
0040	00307		CL2 ASPH SURF 0.38B PG64-22	8,910.00	TON		\$	
0050	02562		TEMPORARY SIGNS	980.00	SQFT		\$	
0060	02650		MAINTAIN & CONTROL TRAFFIC (KY 210)	1.00	LS		\$	
0070	02650		MAINTAIN & CONTROL TRAFFIC (US 31E)	1.00	LS		\$	
0080	02676		MOBILIZATION FOR MILL & TEXT (KY 210)	1.00	LS		\$	
0090	02676		MOBILIZATION FOR MILL & TEXT (US 31E)	1.00	LS		\$	
0100	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED: 6-20-16)	290.00	TON		\$	
0101	03240		BASE FAILURE REPAIR (ADDED: 6-20-16)	1,194.00	SQYD		\$	
0110	06510		PAVE STRIPING-TEMP PAINT-4 IN	144,000.00	LF		\$	
0120	06514		PAVE STRIPING-PERM PAINT-4 IN	259,000.00	LF		\$	
0130	06568		PAVE MARKING-THERMO STOP BAR-24IN	14.00	LF		\$	
0140	06574		PAVE MARKING-THERMO CURV ARROW	2.00	EACH		\$	
0150	06600		REMOVE PAVEMENT MARKER TYPE V	1,920.00	EACH		\$	
0160	10020NS		FUEL ADJUSTMENT	26,276.00	DOLL	\$1.00	\$	\$26,276.00
0170	10030NS		ASPHALT ADJUSTMENT	65,998.00	DOLL	\$1.00	\$	\$65,998.00
0180	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	75,292.00	LF		\$	
0190	20458ES403		CENTERLINE RUMBLE STRIPS	35,000.00	LF		\$	
0200	23019EN		ASPHALT MILLING AND TEXTURING (MICRO MILLING) (REVISED: 6-20-16)	122,300.00	SQYD		\$	

**Section: 0002 - DEMOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0210	02569		DEMOBILIZATION	1.00	LS		\$	