



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET

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

Matthew G. Bevin
Governor

Greg Thomas
Secretary

June 19, 2019

CALL NO. 401
CONTRACT ID NO. 192183
ADDENDUM # 1

Subject: FAYETTE COUNTY, 034GR19P043-FD05
Letting June 21, 2019

- (1) Revised - Special Notes - Page 16 of 116
- (2) Added - Special Note for Fine Milling - Page 16(a) of 116
- (3) Revised - Material Summary - Pages 76-77 of 116
- (4) Revised - Proposal Bid Items - Pages 115-116 of 116

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:mr
Enclosures



An Equal Opportunity Employer M/F/D

**SPECIAL NOTE FOR
ASPHALT MILLING AND TEXTURING**

Begin paving operations within **two weeks** of commencement of the milling operation. Continue paving operations continuously until completed. If paving operations are not begun within this time period, the Department will assess liquidated damages at the rate prescribed by Section 108.09 until such time as paving operations are begun.

Take possession of the millings and recycle the millings or dispose of the millings off the Right-of-Way at sites obtained by the Contractor at no additional cost to the Department.

1-3505 2 weeks Contractor keeps millings
01/2/2012

SPECIAL NOTE FOR FINE MILLING

Perform Fine 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 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 9.5 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 9.5 inches as described in C) Testing and the milled pavement profile does not vary longitudinally more than ¼ 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 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 ½ 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 Fine Milling in Tons of surface milled.

E). Payment Payment at the contract unit price per Tons of Asphalt Pavement Milling and Texturing (Fine Milling) shall be full compensation for all equipment, labor, materials, and incidentals necessary to complete the operations described herein.

MATERIAL SUMMARY

CONTRACT ID: 192183

034GR19P043-FD05

MP03400251901

GEORGETOWN ROAD (US 25) BEGIN AT A CONCRETE JOINT 200 FEET NORTH OF OAKWOOD DRIVE
EXTENDING NORTH TO EXISTING JOINT 0.25 MILES SOUTH OF KY 1973 INTERSECTION ASPHALT
RESURFACING, A DISTANCE OF 4.66 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0155	00190	LEVELING & WEDGING PG64-22	446.00	TON
0160	00263	ASPHALT MIX FOR PAVEMENT WEDGE	380.00	TON
0165	00356	ASPHALT MATERIAL FOR TACK	57.00	TON
0170	01792	ADJUST MANHOLE	3.00	EACH
0175	02562	TEMPORARY SIGNS	330.00	SQFT
0180	02650	MAINTAIN & CONTROL TRAFFIC - (016-022)	1.00	LS
0185	02671	PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH
0190	02676	MOBILIZATION FOR MILL & TEXT - (016-022)	1.00	LS
0195	02677	ASPHALT PAVE MILLING & TEXTURING - (FINE MILLING) (REVISED: 6-18-19)	1,020.00	TON
0200	02696	SHOULDER RUMBLE STRIPS	21,300.00	LF
0205	02697	EDGELINE RUMBLE STRIPS	28,000.00	LF
0210	02720	SIDEWALK-4 IN CONCRETE	6.00	SQYD
0215	02775	ARROW PANEL	2.00	EACH
0220	03240	BASE FAILURE REPAIR	510.00	SQYD
0225	04792	CONDUIT-1 IN	395.00	LF
0230	04820	TRENCHING AND BACKFILLING - (TRAFFIC)	3,610.00	LF
0235	04830	LOOP WIRE - (TRAFFIC)	8,603.00	LF
0240	04850	CABLE-NO. 14/1 PAIR - (TRAFFIC)	9,395.00	LF
0245	04895	LOOP SAW SLOT AND FILL - (TRAFFIC)	3,055.00	LF
0250	06510	PAVE STRIPING-TEMP PAINT-4 IN	58,500.00	LF
0255	06514	PAVE STRIPING-PERM PAINT-4 IN	58,500.00	LF
0260	06565	PAVE MARKING-THERMO X-WALK-6 IN	970.00	LF
0265	06568	PAVE MARKING-THERMO STOP BAR-24IN	768.00	LF
0270	06569	PAVE MARKING-THERMO CROSS-HATCH	510.00	SQFT
0275	06574	PAVE MARKING-THERMO CURV ARROW	85.00	EACH
0280	06575	PAVE MARKING-THERMO COMB ARROW	1.00	EACH
0285	06600	REMOVE PAVEMENT MARKER TYPE V	462.00	EACH
0290	10020NS	FUEL ADJUSTMENT	15,824.00	DOLL
0295	10030NS	ASPHALT ADJUSTMENT	39,745.00	DOLL
0300	20458ES403	CENTERLINE RUMBLE STRIPS	14,000.00	LF
0305	22906ES403	CL3 ASPH SURF 0.38A PG64-22	9,340.00	TON
0310	23158ES505	DETECTABLE WARNINGS - (NEW)	10.00	SQFT
0315	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80 - (TRAFFIC)	1,040.00	LF
0320	24901EC	PVC CONDUIT-2 IN-SCHEDULE 80 - (TRAFFIC)	500.00	LF
0325	24963ED	LOOP TEST - (TRAFFIC)	5.00	EACH
0330	02569	DEMOBILIZATION	1.00	LS
0335	04793	CONDUIT-1 1/4 IN - (PLANNING)	30.00	LF
0340	04795	CONDUIT-2 IN - (PLANNING)	20.00	LF
0345	04820	TRENCHING AND BACKFILLING - (PLANNING)	45.00	LF
0350	04829	PIEZOELECTRIC SENSOR - (PLANNING)	4.00	EACH
0355	04830	LOOP WIRE - (PLANNING)	2,200.00	LF
0360	04895	LOOP SAW SLOT AND FILL - (PLANNING)	440.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0365	20359NN	GALVANIZED STEEL CABINET - (PLANNING)	1.00	EACH
0370	20360ES818	WOOD POST - (PLANNING)	2.00	EACH
0375	20391NS835	ELECTRICAL JUNCTION BOX TYPE A - (PLANNING)	1.00	EACH
0380	04811	ELECTRICAL JUNCTION BOX TYPE B - (TRAFFIC)	4.00	EACH

CONTRACT ID: 192183

034GR19P043-FD05

MP03400251902

GEORGETOWN STREET (US 25) BEGIN AT THE OAK STREET INTERSECTION EXTENDING NORTH TO RAIN GARDEN WAY ASPHALT RESURFACING, A DISTANCE OF .73 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	02562	TEMPORARY SIGNS	630.00	SQFT
0010	02650	MAINTAIN & CONTROL TRAFFIC - (015-016)	1.00	LS
0015	22906ES403	CL3 ASPH SURF 0.38A PG64-22	1,240.00	TON
0020	00301	CL2 ASPH SURF 0.38D PG64-22	130.00	TON
0025	00190	LEVELING & WEDGING PG64-22	32.00	TON
0030	02676	MOBILIZATION FOR MILL & TEXT - (015-016)	1.00	LS
0035	02677	ASPHALT PAVE MILLING & TEXTURING - (FINE MILLING) (REVISED: 6-18-19)	1,165.00	TON
0040	03240	BASE FAILURE REPAIR	720.00	SQYD
0045	06514	PAVE STRIPING-PERM PAINT-4 IN	8,500.00	LF
0050	06510	PAVE STRIPING-TEMP PAINT-4 IN	8,500.00	LF
0055	00356	ASPHALT MATERIAL FOR TACK	8.00	TON
0060	06565	PAVE MARKING-THERMO X-WALK-6 IN	470.00	LF
0065	06568	PAVE MARKING-THERMO STOP BAR-24IN	248.00	LF
0070	06574	PAVE MARKING-THERMO CURV ARROW	8.00	EACH
0075	06569	PAVE MARKING-THERMO CROSS-HATCH	300.00	SQFT
0080	02720	SIDEWALK-4 IN CONCRETE	757.00	SQYD
0085	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0090	20782NS714	PAVE MARKING THERMO-BIKE	22.00	EACH
0095	02569	DEMOBILIZATION	1.00	LS
0100	24386EC	PAVE MARKING THERMO-BIKE LANE ARROW	22.00	EACH
0105	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	36.00	LF
0110	04830	LOOP WIRE - (TRAFFIC)	1,110.00	LF
0115	04895	LOOP SAW SLOT AND FILL - (TRAFFIC)	470.00	LF
0120	24900EC	PVC CONDUIT-1 1/4 IN-SCHEDULE 80 - (TRAFFIC)	30.00	LF
0125	04850	CABLE-NO. 14/1 PAIR - (TRAFFIC)	190.00	LF
0130	24963ED	LOOP TEST - (TRAFFIC)	3.00	EACH
0135	04820	TRENCHING AND BACKFILLING - (TRAFFIC)	60.00	LF
0140	04792	CONDUIT-1 IN	50.00	LF
0145	23158ES505	DETECTABLE WARNINGS - (NEW)	1,000.00	SQFT
0150	04811	ELECTRICAL JUNCTION BOX TYPE B - (TRAFFIC)	1.00	EACH

PROPOSAL BID ITEMS

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Report Date 6/18/19

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	478.00	TON		\$	
0020	00263		ASPHALT MIX FOR PAVEMENT WEDGE	380.00	TON		\$	
0030	00301		CL2 ASPH SURF 0.38D PG64-22	130.00	TON		\$	
0040	00356		ASPHALT MATERIAL FOR TACK	65.00	TON		\$	
0050	01792		ADJUST MANHOLE	3.00	EACH		\$	
0060	02562		TEMPORARY SIGNS	960.00	SQFT		\$	
0070	02650		MAINTAIN & CONTROL TRAFFIC (015-016)	1.00	LS		\$	
0080	02650		MAINTAIN & CONTROL TRAFFIC (016-022)	1.00	LS		\$	
0090	02671		PORTABLE CHANGEABLE MESSAGE SIGN	5.00	EACH		\$	
0100	02676		MOBILIZATION FOR MILL & TEXT (015-016)	1.00	LS		\$	
0110	02676		MOBILIZATION FOR MILL & TEXT (016-022)	1.00	LS		\$	
0120	02677		ASPHALT PAVE MILLING & TEXTURING (FINE MILLING) (REVISED: 6-18-19)	2,185.00	TON		\$	
0130	02696		SHOULDER RUMBLE STRIPS	21,300.00	LF		\$	
0140	02697		EDGELINE RUMBLE STRIPS	28,000.00	LF		\$	
0150	02720		SIDEWALK-4 IN CONCRETE	763.00	SQYD		\$	
0160	02775		ARROW PANEL	2.00	EACH		\$	
0170	03240		BASE FAILURE REPAIR	1,230.00	SQYD		\$	
0180	04792		CONDUIT-1 IN	445.00	LF		\$	
0190	04793		CONDUIT-1 1/4 IN (PLANNING)	30.00	LF		\$	
0200	04795		CONDUIT-2 IN (PLANNING)	20.00	LF		\$	
0210	04811		ELECTRICAL JUNCTION BOX TYPE B (TRAFFIC)	5.00	EACH		\$	
0220	04820		TRENCHING AND BACKFILLING (PLANNING)	45.00	LF		\$	
0230	04820		TRENCHING AND BACKFILLING (TRAFFIC)	3,670.00	LF		\$	
0240	04829		PIEZOELECTRIC SENSOR (PLANNING)	4.00	EACH		\$	
0250	04830		LOOP WIRE (PLANNING)	2,200.00	LF		\$	
0260	04830		LOOP WIRE (TRAFFIC)	9,713.00	LF		\$	
0270	04850		CABLE-NO. 14/1 PAIR (TRAFFIC)	9,585.00	LF		\$	
0280	04895		LOOP SAW SLOT AND FILL (PLANNING)	440.00	LF		\$	
0290	04895		LOOP SAW SLOT AND FILL (TRAFFIC)	3,525.00	LF		\$	
0300	06510		PAVE STRIPING-TEMP PAINT-4 IN	67,000.00	LF		\$	
0310	06514		PAVE STRIPING-PERM PAINT-4 IN	67,000.00	LF		\$	
0320	06565		PAVE MARKING-THERMO X-WALK-6 IN	1,440.00	LF		\$	
0330	06568		PAVE MARKING-THERMO STOP BAR-24IN	1,016.00	LF		\$	
0340	06569		PAVE MARKING-THERMO CROSS-HATCH	810.00	SQFT		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0350	06574		PAVE MARKING-THERMO CURV ARROW	93.00	EACH		\$	
0360	06575		PAVE MARKING-THERMO COMB ARROW	1.00	EACH		\$	
0370	06600		REMOVE PAVEMENT MARKER TYPE V	462.00	EACH		\$	
0380	10020NS		FUEL ADJUSTMENT	15,824.00	DOLL	\$1.00	\$	\$15,824.00
0390	10030NS		ASPHALT ADJUSTMENT	39,745.00	DOLL	\$1.00	\$	\$39,745.00
0400	20359NN		GALVANIZED STEEL CABINET (PLANNING)	1.00	EACH		\$	
0410	20360ES818		WOOD POST (PLANNING)	2.00	EACH		\$	
0420	20391NS835		ELECTRICAL JUNCTION BOX TYPE A (PLANNING)	1.00	EACH		\$	
0430	20458ES403		CENTERLINE RUMBLE STRIPS	14,000.00	LF		\$	
0440	20782NS714		PAVE MARKING THERMO-BIKE	22.00	EACH		\$	
0450	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	36.00	LF		\$	
0460	22906ES403		CL3 ASPH SURF 0.38A PG64-22	10,580.00	TON		\$	
0470	23158ES505		DETECTABLE WARNINGS (NEW)	1,010.00	SQFT		\$	
0480	24386EC		PAVE MARKING THERMO-BIKE LANE ARROW	22.00	EACH		\$	
0490	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80 (TRAFFIC)	1,070.00	LF		\$	
0500	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80 (TRAFFIC)	500.00	LF		\$	
0510	24963ED		LOOP TEST (TRAFFIC)	8.00	EACH		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0520	02569		DEMOBILIZATION	1.00	LS		\$	