COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
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Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

February 10, 2020

CALL NO. 301
CONTRACT ID NO. 202056
ADDENDUM # 1

Subject: **FRANKLIN COUNTY, FD05 037 0060 007-008**
Letting February 21, 2020

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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, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

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 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 feet 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 as 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' straight edge. 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. Prior to resurfacing, allow traffic to drive on the milled surface for a minimum of 5 days to permit the removal of fine dust from the milled surface.

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 M247) 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 the 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 Sq. Yds. of surface milled.

E. Payment. Payment at the contract unit price per Sq. Yd. 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.