



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

July 22, 2016

CALL NO. 312
CONTRACT ID NO. 162187
ADDENDUM # 1

Subject: Jefferson County, FD05 056 022C 000-001
Letting July 29, 2016

- (1) Revised - Note - Page 18 of 84
- (2) Revised - Traffic Control Plan - Pages 21-25 of 84
- (3) Revised - Summary - Page 36 of 84
- (4) Revised - Typical Section - Pages 37-37(a) of 84
- (5) Revised - Bid Items - Page 84 of 84

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

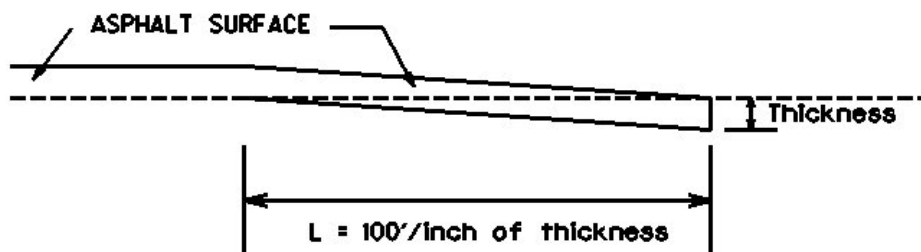


An Equal Opportunity Employer M/F/D

SPECIAL NOTE FOR EDGE KEY

Construct Edge Keys at the beginning of project, end of project, at intersecting side streets and entrances and along concrete curb & gutter as applicable. Cut out the existing asphalt surface to the required depth and width shown on the drawing and Milling Summary, and heel the new surface into the existing surface. The Department will make payment for this work at the Contract unit price per ton for Asphalt Pavement Milling and Texturing, which shall be full compensation for all labor, materials, equipment, and incidentals for removal and disposal of the existing asphalt surface required to construct the edge key.

EDGE KEY



Thickness = 1.00 Inch

L = 100 LF

L= Length of Edge Key

***Side Street and entrance edge key dimensions are approximated on the Milling Summary.**

TRAFFIC CONTROL PLAN

FD05 056 022C 000-001

KY 22C – Seminary Drive

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the 2004 Standard Specifications and the Standard Drawings, current editions. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work.

PROJECT PHASING & CONSTRUCTION PROCEDURES

LANE CLOSURES ARE PERMITTED DURING THE FOLLOWING HOURS:

- Monday through Friday 7:00 P.M. – 6:00 A.M.
- Friday night through Monday morning 7:00 P.M. – 6:00 A.M.

LANE CLOSURES WILL NOT BE PERMITTED ON THE FOLLOWING DAYS:

Friday September 2 – Monday September 5, 2016	Labor Day Weekend
Wednesday November 23 – Sunday November 27, 2016	Thanksgiving Weekend
Friday December 23, 2016 – Monday January 2, 2017	Christmas & New Years
Friday April 14 – Sunday April 16, 2017	Easter Weekend
Saturday April 22 – Sunday April 23, 2017	Thunder Over Louisville
Saturday April 29 – Sunday May 7, 2017	KY Derby Festivities
Friday May 26 – Monday May 29, 2017	Memorial Day Weekend
Friday June 30 – Tuesday July 4, 2017	Independence Day Weekend

At the discretion of the Engineer, days and hours may be specified when lane closures will not be allowed.

Traffic Control Plan

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At locations with three or more lanes, maintain one lane of traffic in each direction at all times during construction. At locations with two lanes, The Contractor may maintain alternating one way traffic during construction. The clear lane width shall be 11 feet. If traffic should be stopped due to construction operations, and a school bus on an official run arrives on the scene, the Contractor shall make provisions for the passage of the bus as quickly as possible.

LANE CLOSURE LIQUIDATED DAMAGES

Do not leave lane closures in place during non-working hours. In the event that lane closures are in place outside of the days and/or times listed above, Liquidated Damages shall be applied as follows:

- \$ 2,500 for the first hour or fraction thereof
- \$ 5,000 for any additional hour or fraction thereof

A lane closure shall be defined as any traffic control device or Contract worker or vehicle in the traveled way that could potentially impact the flow of traffic. This includes but not limited to signs, barricades, barrels, cones, arrow boards, flaggers, Contractor work vehicles and striping operations.

All liquidated damages shall be applied cumulatively.

SIGNS

Contrary to section 112.04.02, only long term signs (signs intended to be continuously in place for more than 3 days) will be measured for payment; short term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

ARROW PANELS

Use arrow panels as shown on the Standard Drawings or as directed by the Engineer. The Department will measure for payment the maximum number of arrow panels in concurrent use at the same time on a single day on all sections of the contract. The Department will measure for payment the maximum number of Changeable Message Signs in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual Arrow Panels only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not measure replacements for damaged Arrow Panels or for panels signs the Engineer directs be replaced due to poor condition or readability for payment. Retain possession of the Arrow Panels upon completion of the work.

Traffic Control Plan

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TEMPORARY ENTRANCES

The Engineer will not require the Contractor to provide continuous access to farms, single family, duplex, or triplex residential properties during working hours; however, provide reasonable egress and ingress to each such property when actual operations are not in progress at that location. Limit the time during which a farm or residential entrance is blocked to the minimum length of time required for actual operations, not extended for the Contractor's convenience, and in no case exceeding six (6) hours. Notify all residents twenty-four hours in advance of any driveway or entrance closings and make any accommodations necessary to meet the access needs of disabled residents.

Except as allowed by the Phasing as specified above, maintain direct access to all side streets and roads, schools, churches, commercial properties and apartments or apartment complexes of four or more units at all times.

The Department will measure asphalt materials required to construct and maintain any temporary entrances which may be necessary to provide temporary access; however, the Department will not measure aggregates, excavation, and/or embankment, but shall be incidental to Maintain and Control Traffic. The Engineer will determine the type of surfacing material, asphalt or aggregate, to be used at each entrance.

TRAFFIC SIGNAL LOOPS

Install traffic signal loops according to the Special Notes for Traffic Signal Loop Replacement. Coordinate the placement of the loops with the Engineer.

THERMOPLASTIC INTERSECTION MARKINGS

Consider the locations listed on the summary as approximate only. Prior to milling and/or resurfacing, locate and document the locations of the existing markings. After resurfacing, replace the markings at their approximate existing locations or as directed by Engineer. Place markings not existing prior to resurfacing as directed by the Engineer and as required by the current MUTCD and standards.

BARRICADES

The Department will not measure barricades used in lieu of barrels and cones for channelization or delineation, but shall be incidental to Maintain and Control Traffic according to Section 112.04.01.

The Department will measure barricades used to protect pavement removal areas in individual units. Each. The Department will measure for payment the maximum number of barricades in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual barricades only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not

Traffic Control Plan

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measure replacements for damaged barricades the Engineer directs to be replaced due to poor condition or reflectivity. Retain possession of the Barricades upon completion of the work.

PAVEMENT MARKINGS

If there is to be a deviation from the existing striping plan, the Engineer will furnish the Contractor a striping plan prior to placement of the final surface course. Install Temporary Striping according to Section 112 with the following exceptions:

1. Include edge lines in Temporary Striping; and
2. Place Temporary or Permanent Striping before opening a lane to traffic; and
3. If the Contractor's operations or phasing requires temporary markings that must subsequently be removed from the final surface course, use an approved removable lane tape; however, the Department will not measure removable lane tape for separate payment, but will measure and pay for removable lane tape as temporary striping.

In the event that temporary or permanent striping cannot be installed prior to opening a lane to traffic, the Contractor shall make provisions to channelize traffic once lane closures are removed. This may be performed by using temporary tape, cones, barrels, etc. to ensure lanes of traffic are safely delineated. If a lane closure is removed and the roadway opened with deficient markings, liquidated damages shall be applied at a rate of \$200 per hour. Contrary to Section 112.03.15 of the Standard Specifications, LD shall begin immediately once lane closures are removed or flagging terminated and cease once delineation and/or striping is installed.

PAVEMENT JOINTS

Prior to beginning resurfacing operations on the project, prepare and submit a joint/pull layout plan for the final surface to the Engineer for review and approval. Care shall be taken to ensure the pavement joints closely align with the proposed striping and do not conflict with the installation of pavement markers. All work necessary to develop the joint layout plan and the actual layout and marking in the field will be considered incidental to the contract bid item "MAINTAIN & CONTROL TRAFFIC". Notify the Engineer a minimum of two weeks prior to resurfacing operations commencing to schedule any necessary field visits to coordinate the joint layout work.

PAVEMENT EDGE DROP-OFFS

Do not allow a pavement edge between opposing directions of traffic or lanes that traffic is expected to cross in a lane change situation with an elevation difference greater than 1½". Place Warning signs (MUTCD W8-11 or W8-9A) in advance of and at 1500' intervals throughout the drop-off area. Dual post the signs on both sides of the traveled way. Wedge all transverse transitions between resurfaced and unresurfaced areas which traffic may cross with asphalt mixture

Traffic Control Plan

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for leveling and wedging. Remove the wedges prior to placement of the final surface course.

Protect pavement edges that traffic is not expected to cross, except accidentally, as follows:

Less than 2" - No protection required.

2" to 4" - Place plastic drums, vertical panels, or barricades every 50 feet. During daylight working hours only, the Engineer will allow the Contractor to use cones in lieu of plastic drums, panels, and barricades. Wedge the drop-off with DGA or asphalt mixture for leveling and wedging with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

Greater than 4" - Protect drop-offs greater than 4 inches within 10 feet of traffic by placing drums, vertical panels, or barricades every 25 feet. The Engineer will not allow the use of cones in lieu of drums, vertical panels, or barricades for drop-offs greater than 4". Place Type III Barricades directly in front of the drop-off facing on coming traffic in both directions of travel. Provide warning signs as shown on the Standard Drawings or as directed by the Engineer

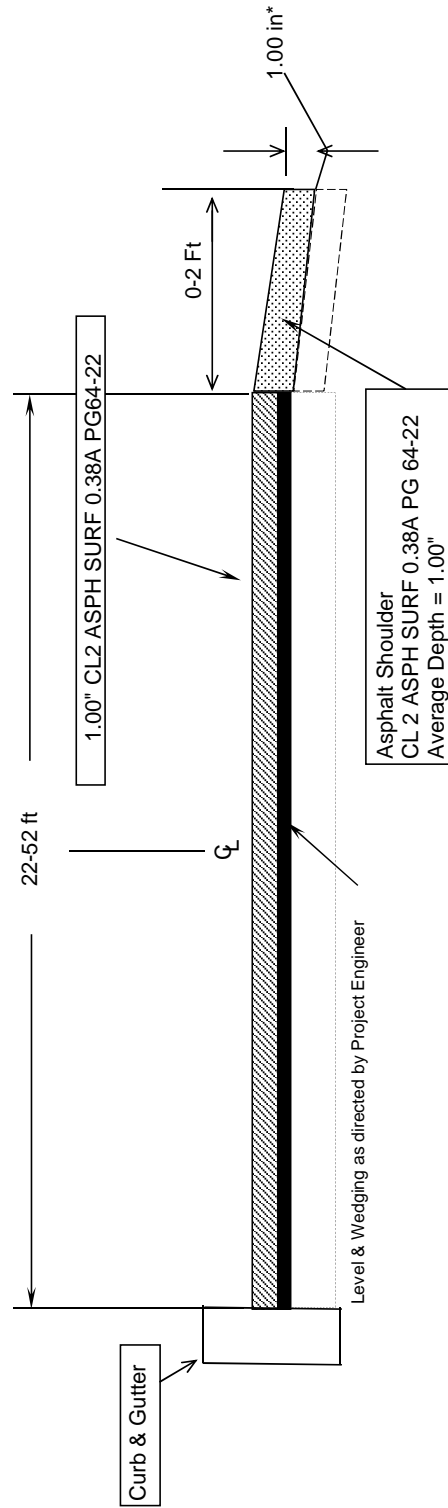
Pedestrians & Bicycles - Protect pedestrian and bicycle traffic as directed by the engineer.

Milling Summary
FD05 056 022C 000-001
KY 22C - Seminary Drive

					Approx. Total	100.0
Milepoint	Location	Length	Width	Avg Depth	Tons	
0.000	Edge Key at US 42	100	55	0.5	20.0	
0.045	Mill along curb & gutter	390	11	0.5	15.0	
0.089	Edge Key at Overlook Drive	50	80	0.5	15.0	
0.131	Edge Key at Seminary Woods Pl	6	80	0.5	5.0	
0.233	Edge Key at Aspenwood Ave	40	86	0.5	15.0	
0.291	Edge Key at Townhome Entrance	6	55	0.5	5.0	
0.370	Edge Key at Townhome Entrance	6	55	0.5	5.0	
0.435	Edge Key at Hill Briar Ct	10	40	0.5	5.0	
0.520	Edge Key at KY 22	100	36	0.5	15.0	

KY 22C TYPICAL SECTION

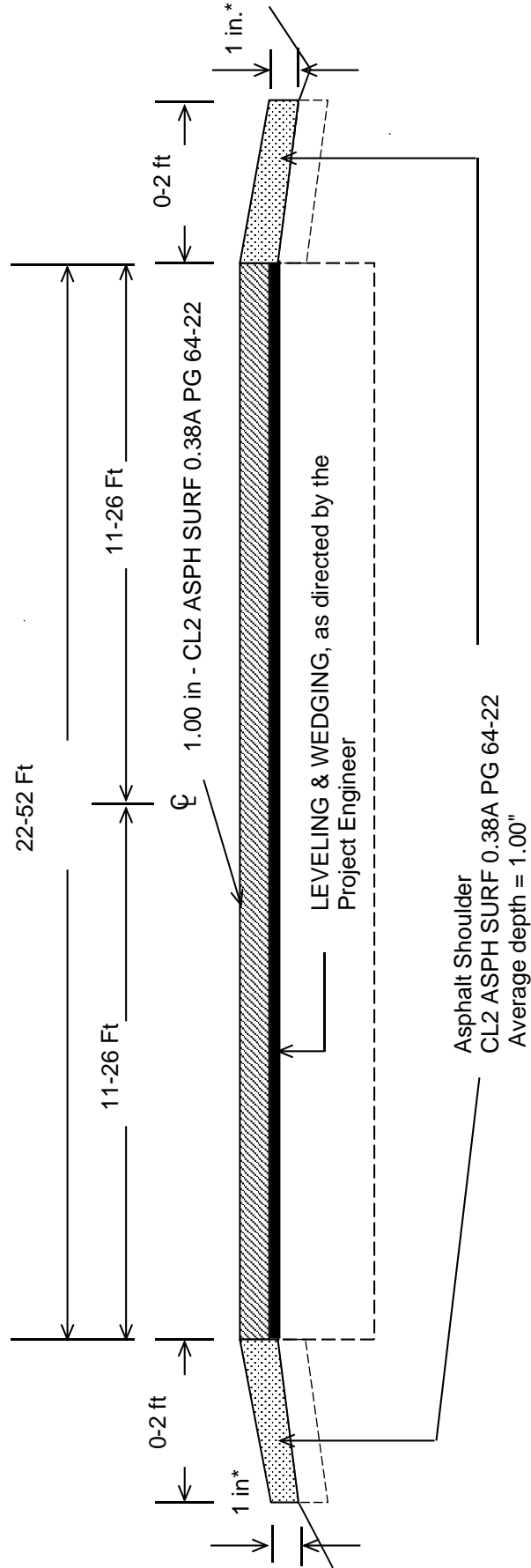
JEFFERSON COUNTY
FD05 056 022C 000-001
MP 0.000 - 0.089



*Where Existing Site Conditions Permit

NO FULL DEPTH MILLING - MILLING REQUIRED ONLY FOR KEYING INTO THE EXISTING CONCRETE CURB & GUTTER (see milling summary)

JEFFERSON COUNTY
FD05 056 022C 000-001
TYPICAL SECTION
MILEPOINTS 0.089 - 0.520



***Where Existing Site Conditions Permit**

NO FULL DEPTH MILLING - MILLING REQUIRED ONLY FOR EDGE KEYS AND APPROACHES (see milling summary)

162187

PROPOSAL BID ITEMS

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Report Date 7/22/16

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	160.00	TON		\$	
0020	02562		TEMPORARY SIGNS	350.00	SQFT		\$	
0030	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0040	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0050	02677		ASPHALT PAVE MILLING & TEXTURING (REVISED: 7-22-16)	100.00	TON		\$	
0060	02775		ARROW PANEL	2.00	EACH		\$	
0070	03425		ADJUST WATER VALVE	2.00	EACH		\$	
0080	04793		CONDUIT-1 1/4 IN	20.00	LF		\$	
0090	04820		TRENCHING AND BACKFILLING	20.00	LF		\$	
0100	04830		LOOP WIRE	620.00	LF		\$	
0110	04895		LOOP SAW SLOT AND FILL	290.00	LF		\$	
0120	06510		PAVE STRIPING-TEMP PAINT-4 IN	31,000.00	LF		\$	
0130	06514		PAVE STRIPING-PERM PAINT-4 IN	15,500.00	LF		\$	
0140	06600		REMOVE PAVEMENT MARKER TYPE V	70.00	EACH		\$	
0150	20458ES403		CENTERLINE RUMBLE STRIPS	1,800.00	LF		\$	
0160	23595EC		RUMBLE STRIPE-SAW CUT	3,600.00	LF		\$	
0170	24685EC		CL2 ASPH SURF 0.38A PG64-22	550.00	TON		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	02569		DEMOBILIZATION	1.00	LS		\$	