Matthew G. Bevin
Governor

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

Greg Thomas
Secretary

March 19, 2019

CALL NO. 102
CONTRACT ID NO. 192106
ADDENDUM # 1

Subject: LAUREL COUNTY, NHPP 0804(020)
Letting March 22, 2019

(1)Revised – Traffic Control Plan – Pages 46-50 of 140
(2)Revised - Proposal Bid Items – Pages 139-140 of 140

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

TRAFFIC CONTROL PLAN

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY

TRAFFIC CONTROL GENERAL

Except as provided herein, maintain and control traffic in accordance with the 2012 Standard and Supplemental Specifications and the Standard and Sepia Drawings, current editions. Except for the roadway and traffic control bid items listed, the Department will measure and pay for all items of work necessary to maintain and control traffic at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, furnish new, or used in like new condition, traffic control devices at the beginning of the work and maintain in like new condition until completion of the work.

PROJECT PHASING & CONSTRUCTION PROCEDURES

Do **NOT** erect lane closures on the following days:

April 1-30, 2019	
May 24-27, 2019	Memorial Day Weekend
July 4, 2019	Independence Day
August 30-September 2, 2019	Labor Day Weekend

On days when Laurel County Schools are in regular session, do **NOT** erect lane closures during the following hours:

6:00 a.m. – 9:00 a.m.
3:00 p.m. – 5:00 p.m.

If traffic backups reach unacceptable levels, as determined by the Engineer, the Engineer may modify the days and/or hours of allowable lane closures. The Engineer may specify additional days and hours when lane closures will not be allowed.

Except for placement of Stone Matrix Asphalt Surface, the Department will allow night work; obtain the Engineer’s approval of the method of lighting prior to beginning any night work.

LANE & SHOULDER CLOSURES

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, maintain alternating one-way traffic during construction and provide a Pilot Car to control traffic through the work zone. Provide a minimum clear lane width of 11 feet; however, provide for passage of vehicles of up to 16 feet in width. If traffic is stopped due to construction operations, and a school bus on an official run arrives on the scene, make provisions for the passage of the bus as quickly as possible.

Do not leave lane or shoulder closures in place during non-working hours. Do not erect more than 1 lane closure at the same time. Limit the length of lane closures to only that needed for actual operations in progress, and in no case exceeding 2 miles in length. Contrary to Section 112.04.02, the Department will not measure long term lane closures for payment, but shall be incidental to Maintain and Control Traffic.

SIGNS

Signposts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. 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.

CHANGEABLE MESSAGE SIGNS

Provide changeable message signs in advance of and within the project at locations determined by the Engineer. Place changeable message signs one mile in advance of the anticipated queue. As the actual queue lengthens and/or shortens, relocate or provide additional changeable message signs so that traffic has warning of slowed or stopped traffic at least one mile but not more than two miles before reaching the end of the actual queue. The Engineer may vary the designated locations as the work progresses. The Engineer will determine the messages displayed. In the event of damage or mechanical/electrical failure, repair or replace the Changeable Message Sign within 24 hours. 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 Changeable Message Signs 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 Changeable Message Signs or for signs the Engineer directs be replaced due to poor condition or readability. Retain possession of the Changeable Message Signs upon completion of the work.

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 Arrow Panels 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 COORDINATOR

Be advised this project is a significant project pursuant to section 112.03.12. Designate an employee to be Traffic Coordinator certified in accordance with Section 112.03.12. The Traffic Coordinator shall inspect the project maintenance of traffic once daily, including weekends, during the Contractor's operations and at any time a lane closure is in place. The Traffic Coordinator shall report all incidents throughout the work zone to the Engineer. Provide the name and telephone number where the Traffic Coordinator can be contacted at all times.

During any period when a lane closure is in place, the Traffic Coordinator will arrange for personnel to be present on the project at all times to inspect the traffic control, maintain the signing and devices, and relocate portable changeable message boards as queue lengths change. Provide the personnel with access on the project to a radio or telephone for use in case of emergencies or accidents.

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 an 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 that 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.

PAVEMENT STRIPING

There will be deviations 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 Sections 112 and 714 with the following exceptions:

1. Include edge lines in Temporary Striping; and
2. Include areas that are to receive Centerline Rumble Strips in Temporary Striping; and
3. Place Temporary or Permanent Striping before opening a lane to traffic; and
4. Permanent Striping on Asphalt Pavement shall be Thermoplastic; and
5. Permanent Striping on PCC Pavement and concrete bridge decks shall be Durable Preformed Pavement Markings Type I Tape; and
6. Contrary to Section 714 of the Standard Specifications, thermoplastic striping placed on centerline rumble strips shall be applied through ribbon extrusion; and
7. 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.

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 as individual units Each according to Section 112.04.04. 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 measure replacements for damaged barricades or barricades directed by the Engineer to be replaced due to poor legibility or reflectivity.

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 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.

192106

PROPOSAL BID ITEMS

Report Date 3/19/19

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	275.00	TON		$	
0020	00190		LEVELING & WEDGING PG64-22	435.00	TON		$	
0030	00214		CL3 ASPH BASE 1.00D PG64-22 (KY 30 APPROACH)	500.00	TON		$	
0040	00339		CL3 ASPH SURF 0.38D PG64-22	3,700.00	TON		$	
0050	00356		ASPHALT MATERIAL FOR TACK	100.00	TON		$	
0060	00397		CL4 SMA SURF 0.38A PG76-22 (MODIFIED) (REVISED: 3-19-19)	11,050.00	TON		$	
0070	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		$	
0080	02677		ASPHALT PAVE MILLING & TEXTURING (MICRO MILLING)	14,510.00	TON		$	
0090	06427		TRENCHING (KY 3O APPROACH - 14' WIDE x 12" DEEP)	760.00	LF		$	
0100	06514		PAVE STRIPING-PERM PAINT-4 IN	1,320.00	LF		$	
0110	06542		PAVE STRIPING-THERMO-6 IN W	55,000.00	LF		$	
0120	06543		PAVE STRIPING-THERMO-6 IN Y	45,000.00	LF		$	
0130	06546		PAVE STRIPING-THERMO-12 IN W	525.00	LF		$	
0140	06547		PAVE STRIPING-THERMO-12 IN Y	75.00	LF		$	
0150	06556		PAVE STRIPING-DUR TY 1-6 IN W (ON BRIDGE DECKS)	725.00	LF		$	
0160	06557		PAVE STRIPING-DUR TY 1-6 IN Y (ON BRIDGE DECKS)	660.00	LF		$	
0170	06568		PAVE MARKING-THERMO STOP BAR-24IN	723.00	LF		$	
0180	06569		PAVE MARKING-THERMO CROSS-HATCH (YELLOW)	9,895.00	SQFT		$	
0190	06573		PAVE MARKING-THERMO STR ARROW	9.00	EACH		$	
0200	06574		PAVE MARKING-THERMO CURV ARROW	110.00	EACH		$	
0210	06575		PAVE MARKING-THERMO COMB ARROW	3.00	EACH		$	
0220	06600		REMOVE PAVEMENT MARKER TYPE V	1,500.00	EACH		$	
0230	10020NS		FUEL ADJUSTMENT	23,450.00	DOLL	$1.00	$	$23,450.00
0240	10030NS		ASPHALT ADJUSTMENT	58,875.00	DOLL	$1.00	$	$58,875.00
0250	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	42,000.00	LF		$	
0260	20458ES403		CENTERLINE RUMBLE STRIPS	16,200.00	LF		$	
0270	21417ES717		PAVE MARK THERMO CONE CAP-SOLID YELLOW	300.00	SQFT		$	
0280	24489EC		INLAID PAVEMENT MARKER	1,200.00	EACH		$	
0290	24679ED		PAVE MARK THERMO CHEVRON (WHITE)	1,435.00	SQFT		$	
0300	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	15,385.00	TON		$	
0310	24817EC		PAVE MARK THERMO CONE CAP-SOLID WHITE	300.00	SQFT		$	
0320	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,134,000.00	SF		$	

Section: 0002 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0330	02237		DITCHING	22,911.00	LF		$	
0340	05950		EROSION CONTROL BLANKET	20,000.00	SQYD		$	

PROPOSAL BID ITEMS

Report Date 3/19/19

Section: 0003 - TRAFFIC SIGNALS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0350	04792		CONDUIT-1 IN	320.00	LF		$	
0360	04811		ELECTRICAL JUNCTION BOX TYPE B	32.00	EACH		$	
0370	04820		TRENCHING AND BACKFILLING	3,035.00	LF		$	
0380	04830		LOOP WIRE	11,430.00	LF		$	
0390	04850		CABLE-NO. 14/1 PAIR	17,915.00	LF		$	
0400	04895		LOOP SAW SLOT AND FILL	4,430.00	LF		$	
0410	24123EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 40	2,990.00	LF		$	
0420	24963ED		LOOP TEST	54.00	EACH		$	

Section: 0004 - TRAFFIC CONTROL

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0430	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	465.00	EACH		$	
0440	02562		TEMPORARY SIGNS	500.00	SQFT		$	
0450	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0460	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		$	
0470	02775		ARROW PANEL	3.00	EACH		$	
0480	06510		PAVE STRIPING-TEMP PAINT-4 IN	1,320.00	LF		$	
0490	06511		PAVE STRIPING-TEMP PAINT-6 IN	200,000.00	LF		$	

Section: 0005 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0495	02568		MOBILIZATION (ADDED: 3-19-19)	1.00	LS		$	
0500	02569		DEMOBILIZATION	1.00	LS		$	