



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

March 21, 2023

CALL NO. 102
CONTRACT ID NO. 231014
ADDENDUM # 2

Subject: Jefferson County, NHPP 0642 (200)
Letting March 23, 2023

- (1) Revised - Proposal Notes - Pages 23, 41, 46, and 101-102 of 249
- (2) Added - Special Note - Page 107A of 249
- (3) Revised - Proposal Bid Items - Pages 246-249 of 249

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,

A handwritten signature in black ink that reads "Rachel Mills".

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

RM:mr
Enclosures

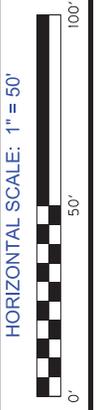
setup process so that future installations may be completed without assistance from others. This includes the removal of all existing loop lead-in cable from cabinet, poles, and spans. All loops, conduits and junction boxes can be abandoned in the ground.

24. On the eastbound exit ramp to Cannons lane, the Contractor shall remove the curb flexible delineators prior to milling and surfacing. Due to the stripping plan, not all delineators will be reinstalled. Delineators not reinstalled, that are in acceptable condition to the Engineer shall be delivered to the Middletown maintenance barn. Removal, installation, and delivery will be incidental to "Remove".
25. In areas of guardrail removal where rolled curb is present, install the new guardrail so the face of guardrail aligns with the rolled curb. See the detail provided in this proposal.
26. The existing curb box at the top of the westbound Mellwood Avenue exit ramp is to have to top removed and capped. Regrade the shoulder to allow for drainage to the ditch behind existing curb box. Regrading of the shoulder shall be incidental to ditching and shouldering. Removal and capping of the curb box shall be paid for as "cap curb box inlet".
27. Several Bridge Expansion Joint replacements are required with this project. Some of these joints may be smaller than existing joints. Information is provided on the Bridge Summary sheets in this proposal. In some cases, the existing limits shown for removal may need to be widened to catch any spalled or damaged area to the surface of the deck. During removal of the existing joint, remove any bad concrete adjacent to the joint limits beyond what is shown in this proposal. This additional width removal, concrete and any rebar needed shall be incidental to the expansion joint replacement bid item.
28. Formal Partnering will be required on this project. See Special Note for Formal Partnering.



056B00147R
I-64EB OVER BEALS BRANCH ROAD

ITEM	DESCRIPTION	QTY
08534	CONCRETE OVERLAY-LATEX	17.00 CY
08510	REM EPOXY BIT FOREIGN OVERLAY	307 SY
02110	PARTIAL DEPTH PATCHING	34.5 CF
08504	EPOXY SAND SLURRY	63 LF
08549	BLAST CLEAN	310 SY



**TRAFFIC CONTROL PLAN
I-64 REHABILITATION
PROJECT JEFFERSON COUNTY ITEM**

**THIS PROJECT IS FOR A FULLY
CONTROLLED ACCESS HIGHWAY**

TRAFFIC CONTROL GENERAL

Except as provided herein, “Maintain and Control Traffic” shall be in accordance with the KYTC Standard Specifications and the KYTC Standard Drawings, current editions. Except for the roadway and traffic control bid items included in the project, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic". All lane closures used on the Project shall be in compliance with the appropriate Standard Drawings and the Manual on Uniform Traffic Control Devices (MUTCD), current edition.

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. Traffic control devices will conform to current MUTCD.

Reduce the speed limit in work areas to 45 miles per hour (10 miles per hour less than posted speed for ramps) and establish double fines for work zone speeding violations. The extent of these areas within the project limits will be restricted to the proximity of actual work areas as determined by the Engineer. Notify the Engineer a minimum of 12 hours prior to using the double fine signs. At the beginning of the work zone, the “WARNING FINE DOUBLED IN WORK ZONE” signs will be dual mounted. At the end of the work zone, the “END DOUBLE FINE” signs will be dual mounted as well. Remove or cover the signs when the highway work zone does not have workers present for more than a two-hour period. Payment for the signs will be at the unit bid price for temporary signs. Any relocation or covering of the signs will be incidental to “Maintain and Control Traffic”.

PROJECT PHASING & CONSTRUCTION PROCEDURES

This project has a fixed completion date. See the special note for Fixed Completion Date and Liquidated Damages.

The Contractor will be allowed one full closure of 10 days in each direction. During this time all work for the project is expected to be completed including all bridge work, paving, and final striping. Prior to the 10 day closure, the contractor will be allowed to close each ramp receiving blow up relief joint for 1 weekend each. No more than 1 ramp shall be closed at a time prior to the 10 day closure. In addition to the 10 day closure and the ramp closures for the blow up repair, the contractor will be allowed a total of 15 nighttime lane closures on the interstate in each direction. These lane closures will be coordinated with approval of the Engineer. Work that can be done during the nightly closures may consist of slope repair, guardrail, concrete sealing, or ditching. These nighttime lane closures may occur during low-volume hours only from 8pm-5am.

All asphalt construction, bridge joint repair, bridge barrier retrofit, latex overlay, permanent striping, inlaid pavement markings, or all other work except that listed in the previous paragraph.

Sidewalk ramp replacement shall occur prior to the 10 day closures. Lane closures on the local roads shall be utilized for the sidewalk ramp replacements. Ramps may be narrowed with prior approval from the Engineer but traffic must be maintained at all times.

10-day closures are to take place during the summer of 2023. The Contractor is to coordinate these closures with JCPS as well as Holy Spirit School and Sacred Heart Academy to ensure school traffic is not disrupted during the normal school year.

Night work may be required for this project. Obtain the Engineer's approval on the method of lighting prior to performing night work.

Only one full closure per direction may be in place at the same time. When a 10 day closure is present in one direction, no work shall be allowed in the opposing direction without approval from the Engineer.

The contractor must notify the Engineer at least fourteen (14) days prior to the beginning of each construction phase.

Lane closures and shoulder closures will be allowed on local streets for ramp pavement tie-ins and should be coordinated and approved by the Engineer prior to beginning. On local roads lane closures should not occur during peak hours 6 am – 8 am Monday through Friday or 4 pm – 6 pm Monday through Friday.

WORK PHASING

The Contractor is responsible for developing their work schedule to meet the schedule requirements. However, surface shall not be placed until all tunnel work and bridge work that would affect the asphalt surface at that location is complete.

LANE CLOSURES (NON-INTERSTATE)

Limit the lengths of lane closures to only that needed for actual operations in accordance with the phasing specified herein, or as directed by the Engineer. Only one lane closure in each direction at any time will be permitted. Contrary to section 112, lane closures will **NOT** be measured for payment, but are considered incidental to "Maintain and Control Traffic".

SIGNS

Additional traffic control signs in addition to normal lane closure signing detailed on the Standard Drawings may be required by the Engineer. Additional signs needed for lane closures may include, but are not limited to, dual mounted TRUCKS USE LEFT/RIGHT LANE, LEFT/RIGHT LANE

SPECIAL NOTE FOR FORMAL PARTNERING

This Special Note will apply when indicated in the plans or the proposal. Section references herein are to the Department's Current Standard Specifications for Road and Bridge Construction.

1.0 DESCRIPTION. This work consists of coordinating Formal Partnering as documentation described in this Special Note.

2.0 MATERIALS AND RESOURCES.

2.1 MEETING FACILITY. Provide a meeting facility sufficient to house project partnering meetings. The Contractor and KYTC Project Engineer should agree upon the meeting location.

2.2 ADMINISTRATIVE STAFFING. Provide administrative staffing to record, produce, distribute meeting minutes, and process revisions. Revisions will be made after an agreed-upon review time by both parties has passed, and comments are received.

3.0 CONSTRUCTION. As soon as practical and before the start of work, the Contractor's on-site project manager and the Department's on-site representative will meet to review the project plans and specifications. They will develop strategies for a Team Building Workshop for which the Contractor's key on-site staff, subcontractors, the Department's personnel, and other individuals will be contacted to attend the workshop as needed and agreed upon. Schedule on-site project partnering meetings at regular intervals (bi-weekly unless both parties agree to a different schedule) to discuss and resolve issues regarding the project throughout the duration of the contract. The Contractor, subcontractor(s), and Department personnel will attend these meetings and additional necessary personnel to discuss specific issues. Prior to the meeting, the Contractor's on-site project manager and the Department's on-site representative will jointly develop an agenda. The minutes of each meeting will be recorded and distributed to all partners. The Contractor will be responsible for hosting these meetings and taking and distributing the meeting minutes.

3.1 TEAM BUILDING WORKSHOP. The Team Building Workshop shall foster and encourage the partnering process so that the Contractor and the Department are a cohesive unit willing to work together to achieve a combined goal. An independent facilitator who is mutually satisfactory to the Contractor and the Department will facilitate the workshop, or the workshop may be co-facilitated by the Contractor and the Department. The workshop will develop a project team and discuss issues and concerns of the project. This workshop should also establish a method for the partners to resolve an issue that arises as the project is ongoing.

4.0 MEASUREMENT AND PAYMENT. All costs associated with developing and maintaining a Formal Partnership will be agreed to by both parties and shared equally. The Department will pay 50 percent of the costs for Formal Partnering to develop and maintain this partnership. The Department will make the payment under a Supplemental Agreement. The Department will consider payment as full compensation for all work required under this Special Note.

PROPOSAL BID ITEMS

Report Date 3/21/23

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	2,760.00	TON		\$	
0020	00003		CRUSHED STONE BASE	1,289.00	TON		\$	
0030	00069		CRUSHED AGGREGATE SIZE NO 3	973.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	278.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	34.00	TON		\$	
0060	00194		LEVELING & WEDGING PG76-22	27.00	TON		\$	
0070	00219		CL4 ASPH BASE 1.00D PG76-22	3,210.00	TON		\$	
0080	00339		CL3 ASPH SURF 0.38D PG64-22 OUTSIDE SHOULDER	3,583.00	TON		\$	
0090	00342		CL4 ASPH SURF 0.38A PG76-22 MAINLINE AND INSIDE SHOULDER	18,507.00	TON		\$	
0100	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0110	02677		ASPHALT PAVE MILLING & TEXTURING MAINLINE AND INSIDE SHOULDER (REVISED 3-14-23)	22,090.00	TON		\$	
0120	20071EC		JOINT ADHESIVE	52,241.00	LF		\$	
0130	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	104,438.00	LF		\$	
0140	24785EC		FIBER REINFORCEMENT FOR HMA	20,076.00	TON		\$	
0150	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,462,734.00	SF		\$	
0160	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING	93.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0170	01634		CAP CURB BOX INLET	1.00	EACH		\$	
0180	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	468.00	EACH		\$	
0190	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	152.00	EACH		\$	
0200	02058		REMOVE PCC PAVEMENT	2,816.00	SQYD		\$	
0210	02091		REMOVE PAVEMENT	715.00	SQYD		\$	
0220	02187		SITE PREPARATION	1.00	EACH		\$	
0230	02351		GUARDRAIL-STEEL W BEAM-S FACE	5,387.50	LF		\$	
0240	02352		GUARDRAIL-STEEL W BEAM-D FACE	1,312.50	LF		\$	
0250	02360		GUARDRAIL TERMINAL SECTION NO 1	10.00	EACH		\$	
0260	02365		CRASH CUSHION TYPE IX-A	7.00	EACH		\$	
0270	02367		GUARDRAIL END TREATMENT TYPE 1	21.00	EACH		\$	
0280	02369		GUARDRAIL END TREATMENT TYPE 2A	32.00	EACH		\$	
0290	02381		REMOVE GUARDRAIL	34,062.50	LF		\$	
0300	02562		TEMPORARY SIGNS	1,500.00	SQFT		\$	
0310	02575		DITCHING AND SHOULDERING	26,110.00	LF		\$	
0315	02603		FABRIC-GEOTEXTILE CLASS 2 (ADDED 3-21-23)	2,816.00	SQYD		\$	
0320	02604		FABRIC-GEOTEXTILE CLASS 1A	2,816.00	SQYD		\$	
0330	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0340	02671		PORTABLE CHANGEABLE MESSAGE SIGN	5.00	EACH		\$	
0350	02704		SILT TRAP TYPE B	10.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 3/21/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0360	02705		SILT TRAP TYPE C	10.00	EACH		\$	
0370	02720		SIDEWALK-4 IN CONCRETE	41.00	SQYD		\$	
0380	02726		STAKING	1.00	LS		\$	
0390	02775		ARROW PANEL	4.00	EACH		\$	
0400	06542		PAVE STRIPING-THERMO-6 IN W	81,021.00	LF		\$	
0410	06543		PAVE STRIPING-THERMO-6 IN Y	63,239.00	LF		\$	
0420	06546		PAVE STRIPING-THERMO-12 IN W	6,975.00	LF		\$	
0430	06556		PAVE STRIPING-DUR TY 1-6 IN W	1,089.00	LF		\$	
0440	06557		PAVE STRIPING-DUR TY 1-6 IN Y	887.00	LF		\$	
0450	06560		PAVE STRIPING-DUR TY 1-12 IN W	134.00	LF		\$	
0460	06565		PAVE MARKING-THERMO X-WALK-6 IN	640.00	LF		\$	
0470	06568		PAVE MARKING-THERMO STOP BAR-24IN	186.00	LF		\$	
0480	06569		PAVE MARKING-THERMO CROSS-HATCH	375.00	SQFT		\$	
0490	06574		PAVE MARKING-THERMO CURV ARROW	17.00	EACH		\$	
0500	06575		PAVE MARKING-THERMO COMB ARROW	3.00	EACH		\$	
0510	06613		INLAID PAVEMENT MARKER-B W/R	736.00	EACH		\$	
0520	06614		INLAID PAVEMENT MARKER-B Y/R	71.00	EACH		\$	
0530	08904		CRASH CUSHION TY VI CLASS C	13.00	EACH		\$	
0540	10020NS		FUEL ADJUSTMENT	65,607.00	DOLL	\$1.00	\$	\$65,607.00
0550	10030NS		ASPHALT ADJUSTMENT	160,309.00	DOLL	\$1.00	\$	\$160,309.00
0560	20191ED		OBJECT MARKER TY 3	21.00	EACH		\$	
0570	25010EC		GEOCOMPOSITE REINFORCEMENT FOR ASPHALT (ADDED 3-14-23)	715.00	SQYD		\$	
0580	20411ED		LAW ENFORCEMENT OFFICER	1,680.00	HOURL		\$	
0590	20509ED		BLOW UP/RELIEF JOINT	43.00	SQYD		\$	
0600	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	23,487.50	LF		\$	
0610	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	198.00	LF		\$	
0620	23158ES505		DETECTABLE WARNINGS	96.00	SQFT		\$	
0630	23254ES717		PAVE MARK TY 1 TAPE DOTTED LANE EXT	28.00	LF		\$	
0640	23791EC		PAVE STRIPING-CHEVRON MARKINGS	1,720.00	SQFT		\$	
0650	23871EC		PAVE STRIPE-WET REF TAPE-6 IN Y	580.00	LF		\$	
0660	23872EC		PAVE STRIPE-WET REF TAPE-6 IN W	730.00	LF		\$	
0680	24542EC		REPAIR SLOPE REPAIR	2,500.00	LF		\$	
0690	24679ED		PAVE MARK THERMO CHEVRON	1,950.00	SQFT		\$	
0700	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	1,650.00	LF		\$	
0710	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	11.00	EACH		\$	
0720	24707ED		CABLE BARRIER SYSTEM REMOVE & RESTORE	1.00	LS		\$	
0730	24768EC		LANE SEPARATOR CURB	80.00	LF		\$	
0740	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	96.00	LF		\$	
0750	25075EC		QUEUE PROTECTION VEHICLE	250.00	HOURL		\$	
0760	25078ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	30.00	EACH		\$	
0770	25117EC		FURNISH QUEUE PROTECTION VEHICLES	4.00	MONT		\$	
0780	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	4.00	EACH		\$	
0790	26136EC		PORTABLE QUEUE WARNING ALERT SYSTEM	4.00	MONT		\$	
0800	26137EC		QUEUE WARNING PCMS	24.00	MONT		\$	

PROPOSAL BID ITEMS

Report Date 3/21/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	26138EC		QUEUE WARNING PORTABLE RADAR SENSORS	24.00	MONT		\$	
0820	40102		PAINTING	38,490.00	SQFT		\$	

Section: 0003 - BRIDGE - 056B00151R I-64 OVER STORY AVE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0830	03293		EXPAN JOINT REPLACE 1 IN	76.00	LF		\$	
0840	23032EN		BRIDGE BARRIER RETROFIT	136.00	LF		\$	
0850	23378EC		CONCRETE SEALING	925.00	SQFT		\$	

Section: 0004 - BRIDGE - 056B00141R I-64 OVER MELLWOOD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0860	03294		EXPAN JOINT REPLACE 1 1/2 IN	43.00	LF		\$	
0870	03297		EXPAN JOINT REPLACE 3 IN	43.00	LF		\$	
0880	03298		EXPAN JOINT REPLACE 4 IN	43.00	LF		\$	
0890	23032EN		BRIDGE BARRIER RETROFIT	1,030.00	LF		\$	
0900	23378EC		CONCRETE SEALING	5,385.00	SQFT		\$	

Section: 0005 - BRIDGE - 056B00149R I-64 EB OVER GRINSTEAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0910	03293		EXPAN JOINT REPLACE 1 IN	78.00	LF		\$	
0920	23032EN		BRIDGE BARRIER RETROFIT	175.00	LF		\$	
0930	23378EC		CONCRETE SEALING	1,150.00	SQFT		\$	

Section: 0006 - BRIDGE - 056B00149L I64 WB OVER GRINSTEAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0940	03293		EXPAN JOINT REPLACE 1 IN	78.00	LF		\$	
0950	23032EN		BRIDGE BARRIER RETROFIT	175.00	LF		\$	
0960	23378EC		CONCRETE SEALING	1,110.00	SQFT		\$	

Section: 0007 - BRIDGE - 056B00148R I64EB OVER LEXINGTON ROAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0970	03293		EXPAN JOINT REPLACE 1 IN	116.00	LF		\$	
0980	23032EN		BRIDGE BARRIER RETROFIT	177.00	LF		\$	
0990	23378EC		CONCRETE SEALING	1,225.00	SQFT		\$	

Section: 0008 - BRIDGE - 056B00148L I64WB OVER LEXINGTON ROAD

PROPOSAL BID ITEMS

Report Date 3/21/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1000	03293		EXPAN JOINT REPLACE 1 IN	123.00	LF		\$	
1010	23032EN		BRIDGE BARRIER RETROFIT	168.00	LF		\$	
1020	23378EC		CONCRETE SEALING	1,135.00	SQFT		\$	

Section: 0009 - BRIDGE - 056B00147R I64EB OVER BEALS BRANCH

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1030	02110		PARTIAL DEPTH PATCHING	35.00	CUFT		\$	
1035	08151		STEEL REINFORCEMENT-EPOXY COATED (ADDED 3-21-23)	500.00	LB		\$	
1040	08504		EPOXY SAND SLURRY	63.00	SQYD		\$	
1050	08510		REM EPOXY BIT FOREIGN OVERLAY (REVISED 3-21-23)	307.00	SQYD		\$	
1060	08534		CONCRETE OVERLAY-LATEX 2" OVERLAY AT 2759 SF PER BRIDGE REPORT	17.00	CUYD		\$	
1065	08549		BLAST CLEANING (ADDED 3-21-23)	310.00	SQYD		\$	

Section: 0010 - TRAFFIC LOOPS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1070	04793		CONDUIT-1 1/4 IN	240.00	LF		\$	
1080	04795		CONDUIT-2 IN	60.00	LF		\$	
1090	04820		TRENCHING AND BACKFILLING	270.00	LF		\$	
1100	04829		PIEZOELECTRIC SENSOR	12.00	EACH		\$	
1110	04830		LOOP WIRE	5,040.00	LF		\$	
1120	04895		LOOP SAW SLOT AND FILL	1,200.00	LF		\$	
1130	20359NN		GALVANIZED STEEL CABINET	6.00	EACH		\$	
1140	20360ES818		WOOD POST	12.00	EACH		\$	
1150	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	6.00	EACH		\$	

Section: 0011 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1160	02568		MOBILIZATION	1.00	LS		\$	
1170	02569		DEMOBILIZATION	1.00	LS		\$	