



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

January 22, 2024

CALL NO. 104
CONTRACT ID NO. 242974
ADDENDUM # 2

Subject: Jefferson County, STPBRO 0503 (260)
Letting January 25, 2024

Revised - Special Note Pg. 25-30 of 209
Added - Note Pg. 102A-102D of 209

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:ce
Enclosures

SPECIAL NOTE FOR TRAFFIC CONTROL ON BRIDGE REPAIR CONTRACTS

1. TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with Kentucky Transportation Cabinet Department of Highways Standard Specifications for Road and Bridge Construction, Edition of 2019 (Standard Specifications), Section 112.

ALL traffic control devices, installation, maintenance, removal and items of work necessary to maintain and control traffic are considered incidental to “Maintain and Control Traffic”, lump sum. The Department **WILL NOT** take possession of the traffic control devices upon completion of the work.

Contractor shall develop their own maintenance of traffic (MOT) plan that conforms to this note, the MOT scheme shown in the plan set and in accordance with the Manual for Uniform Traffic Control Devices (MUTCD), Current Edition. The MOT shall be approved by the District prior to implementation. All lane closures must be approved by the Engineer at least 14 days prior to the closure.

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

The posted speed limit in Indiana is 55 MPH and it will be reduced by 10 MPH in the immediate vicinity of the work zone area (see the attached “TEMPORARY WORKSITE SPEED LIMIT SIGN ASSEMBLY” for Special requirements of State of Indiana). The extent of these areas within the project limits will be restricted to the proximity of actual work areas as determined by the Engineer. Reduced speed limits and double fine zones will be in place only while lane closures or restricted lane and/or shoulder widths are in place. Notify the Engineer a minimum of 12 hours prior to using the double fine signs. Erect dual mounted "WARNING FINE DOUBLED IN WORK ZONE" signs at the beginning of the work zone. At the end of the work zone, erect dual mounted "END DOUBLE FINE" signs. Remove or cover the double fine signs when the highway work zone does not have workers present for more than a 12-hour period of time. Erect all required signs at the locations shown on the MOT Plan or as directed by the Engineer. Traffic Control will need to be coordinated with Indiana Department of Transportation.

2. OPENING WORK AREA TO TRAFFIC

The Contractor may open the new finger joints to traffic when concrete reaches the minimum break strength listed below and as approved by the Engineer.

MINIMUM BREAK STRENGTH OF 3,000 PSI : AT PP 0

MINIMUM BREAK STRENGTH OF 4,000 PSI : AT PP 23, PP 23', PP 0'

3. TRAFFIC COORDINATOR

Furnish a Traffic Coordinator as per Standard Specifications Section 112. The Traffic Coordinator shall inspect the project maintenance of traffic, at least three times daily, or as directed by the Engineer, during the Contractor's operations and at any time a lane closure is in place. The personnel shall have access on the project to a radio or telephone to be used in case of emergencies or accidents.

The Traffic Coordinator shall report all incidents throughout the work zone to the Engineer on the project. The Contractor shall furnish the name and telephone number where the Traffic Coordinator can be contacted at all times.

4. MOT RESTRICTIONS

No lane closures shall be allowed during the following events, unless noted otherwise, or as directed by the Engineer:

- (a) Observance of any National Holidays identified in Section 101 of the Standard Specifications
- (b) KY Derby Festival Events
(April 18, 2024 at 5:00am through May 5, 2024 at 11:59pm)
- (c) PGA Championship
(May 13, 2024 at 5:00am through May 19, 2024 at 11:59pm)
- (d) Kentucky State Fair
(August 15, 2024 at 5:00am through August 25, 2024 at 11:59pm - Phase 1 not allowed)

5. SIGNS

Contractor shall sign all closures in accordance with the MOT drawings and the Indiana approved MUTCD.

The Contractor is to install warning signs for wide loads in advance of the bridge under the direction of the Engineer.

Additional traffic control signs in addition to normal lane closure signing detailed on the MUTCD Drawings may be required by the Engineer. Additional signs needed for lane closures may include, but are not limited to, dual mounted TRUCKS USE CENTER LANE, LEFT/CENTER LANE I65SB, CENTER LANE I64EB/I71, RIGHT LANE I64WB, LEFT/RIGHT LANE CLOSED 2 MILES, SLOWED/STOPPED TRAFFIC AHEAD. All installations shall be approved by the Engineer.

Remove or cover sign panels with conflicting direction guidance information on overhead sign trusses before and on the Kennedy Bridge, as directed by the Engineer.

6. ARROW PANELS

Use arrow panels as shown on the Standard Drawings or as directed by the Engineer. Contrary to Section 112 of the Standard Specifications, the Department will not measure arrow panels

for payment but will consider them incidental to the bid item MAINTAIN AND CONTROL TRAFFIC.

7. PAVEMENT MARKINGS

Permanent and Temporary Striping shall be in accordance with Standard Specifications Section 112, except that:

1. Temporary Striping shall be 6" removal tape-white or yellow; and
2. Edge lines will be required for temporary striping; and
3. Temporary or permanent striping shall be in place before a lane is opened to traffic; and
4. Permanent striping shall be 6" water-based paint.

After all work is completed, or when approved by the Engineer, remove temporary striping, place permanent striping back to its original configuration, and repair any damaged inlaid pavement markers. Mobile operations may be utilized. This work item will be considered incidental to the "Maintain and Control Traffic" bid item.

8. TEMPORARY PAVEMENT STRIPING

Conflicting pavement skip lines and/or solid lines through the length of the MOT for lane closures and other striping, as directed by the Engineer, shall be temporarily covered with 8" black removable tape.

The Contractor shall replace any temporary striping that becomes damaged or fails to adhere to the pavement before dark on the day of notification. Penalties shall be assessed to the Contractor at a rate of \$500 per day for failing to replace temporary striping within this time limit.

Cover or remove/replace conflicting Interstate shields in pavement to satisfaction of the Engineer.

Removal of temporary tape will be considered incidental to the "Maintain and Control Traffic" bid item.

9. PROJECT PHASING

Maintain three 12-foot lanes of traffic and shoulders as shown in this special note.

Night work is allowed on this project. The method of lighting must be submitted to and approved by the Engineer prior to use.

BEFORE PHASE 1: Temporary Shoulder and Single Lane Closures will be permitted before the Phase 1 lane closure setup. The intent of these lane closures is to obtain field measurements for fabrication of new steel plates, new finger plate assemblies, new truss bearing components and temporary hold downs.

The Contractor may perform the proof load testing of the Gen 2 anchor rods, install the temporary hold down components, and install temporary jacking support. DO NOT stress the hold down threaded rods or engage the jack support system until the Phase 1 setup is installed. No other construction activities are permitted during this time, unless approved by the Engineer.

PHASE 1: For Phase 1A and 1B, close the three lanes (lanes 1 to 3) and shoulder on the east side of the Kennedy Bridge. The three open lanes will consist of one for SB I-65, one for the I-64 and I-71 Ramps, and one for I-64 WB Ramp.

Phase 1A: Place the lane closure to Pier 2L (PP 8).

Phase 1B: Extend lane closure to Pier 1L (PP 0) to complete work activities at PP 0. After completion of Phase 1, immediately switch traffic control and begin Phase 2.

PHASE 2: For Phase 2A and 2B, close the three lanes (lanes 4 to 6) and shoulder on the west side of the Kennedy Bridge. The three open lanes will consist of two for SB I-65, and one for the I-64 and I-71 Ramps. The I-64 WB Ramp will be closed during Phase 2B.

Phase 2A: Place the lane closure to Pier 2L (PP 8).

Phase 2B: Extend lane closure to Pier 1L (PP 0) to complete work activities at PP 0.

After completion of Phase 2, or when approved by the Engineer, remove the traffic control setup and restripe the roadway to its original configuration before beginning Phase 3 or 4 work activities, as directed by the Engineer.

PHASE 3: For Phase 3, the Contractor may close two (2) lanes of traffic and shoulder on the east side of the Kennedy Bridge. The four open lanes will consist of two for SB I-65, and one for the I-64 and I-71 Ramps, and one for the I-64 WB Ramp. Lane closures should be kept to the shortest length possible to minimize disruption to the traveling public, especially between PP 8 and PP 0.

PHASE 4: For Phase 4, the Contractor may close one (1) lane of traffic and shoulder on the west side of the Kennedy Bridge. The five open lanes will consist of two for SB I-65, and two for the I-64 and I-71 Ramps, and one for the I-64 WB Ramp. Lane closures should be kept to the shortest length possible to minimize disruption to the traveling public, especially between PP 8 and PP 0.

Lane closures shall be in accordance with Standard Drawing **TTC-120**, TTC-115 or TTC-125. Long term closures are allowed for Phase 3 and 4. Contrary to section 112, lane closures will NOT be measured for payment, but are considered incidental to "Maintain and Control Traffic".

10. PORTABLE CHANGEABLE MESSAGE SIGNS

The contractor shall provide a minimum of three (3) Portable Changeable Message Signs located in advance of, or on the project at locations to be determined by the Engineer, at each phase of the project. Portable Changeable Message Signs shall be in operation during all lane closures and for the immediate seven (7) days prior to the closure. The message required to be provided shall be

designated by the Engineer. The Portable Changeable Message Signs shall be in operation at all times. In the event of damage or mechanical/electrical failure, the Contractor shall repair or replace the Portable Changeable Message Sign within 24 hours.

See the attached "SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS".

11. TRUCK MOUNTED ATTENUATORS

During Phase 3 and 4, furnish and install MUTCD approved truck mounted attenuators (TMA) in advance of work areas when workers are present less than 12 feet from traffic. If there is less than 500 feet between work sites, only a single TMA will be required at a location directed by the Engineer. Locate the TMAs at the individual work sites and move them as the work zone moves within the project limits. All details of the TMA installations shall be approved by the Engineer.

12. TEMPORARY CONCRETE BARRIERS

All long-term lane closures for Phases 1A, 1B, 2A and 2B shall require temporary Concrete Barrier Walls Type 9T (NO ALTERNATIVES ALLOWED). Temporary Concrete Barriers shall remain the Contractor's property and shall be removed from the construction site upon completion of construction. The temporary concrete barriers shall be in accordance with Standard Drawings RBM-115, RBM-120, and RBM-020. Delineators shall be incidental to the "Maintain and Control Traffic" bid item.

13. DETOUR

During Phase 2B and closure of the I-64 WB ramp (Exit 137), the traffic control plan proposed by the contractor shall include a signed detour route for the ramp closure. See the attached Proposed Detour Route.

The traffic control plan along with the proposed detour plan will be delivered to the engineer 7 days prior to the pre-construction meeting. The proposed detour route shall meet the following:

- 1) An alternate detour route may be submitted to the Engineer for written approval.
- 2) The contractor must coordinate with other projects along the detour route to avoid ongoing construction projects along those routes.
- 3) The contractor must coordinate detour and schedule with the Engineer.
- 4) Sign detour per the standard drawings and MUTCD.

The traffic control plan must be submitted and approved to allow for coordination of the public information officer with the closure notification. The public must be notified of the proposed detour route when they are notified of the closure, 2 weeks before closure. All time and expenses necessary for the development of the detour plan(s) will be incidental to the lump sum bid item "Maintain and Control Traffic".

14. BARRELS

Barrels are to be used for channelization or delineation of the closed/active lane lines and tapers during Phases 3 and 4. Replacements for damaged barrels directed by the Engineer to be replaced due to poor condition or reflectivity. Barrels shall be incidental to the "Maintain and Control Traffic" bid item.

15. TEMPORARY LANE CLOSURES.

Temporary Shoulder and Single Lane Closures will be permitted before the Phase 1 lane closure setup. All closures shall be in accordance with Standard Drawing TTC-115. The closures will be determined by the Engineer. All closures shall be removed when not working. Contrary to section 112, lane closures will NOT be measured for payment, but are considered incidental to "Maintain and Control Traffic".

16. PORTABLE QUEUE WARNING ALERT SYSTEM

The contractor shall provide a portable, quickly deployable, real-time automated ITS queue warning alert system (PQWAS). The Contractor shall also provide the maintenance of the complete system for the duration of the project or as directed by the Project Engineer. The Department is willing to look at different technologies (i.e. allow the use of crowd sourcing data to be used in lieu of the portable radar sensors). Any changes must be submitted and approved by the Engineer.

See the attached "SPECIAL NOTE FOR PORTABLE QUEUE WARNING ALERT SYSTEM".

17. PAYMENT

Unless listed as a bid item, payment will only be made for the following items:

1. **Portable Changeable Message Boards** – Each
2. **Conc. Barrier Wall, Type 9T** – LF
3. **Relocate Temp. Conc. Median Barrier** - LF
4. **Maintain and Control Traffic**- Lump Sum
5. **Portable Queue Warning Alert System** – Month
6. **Queue Warning PCMS** – Month
7. **Queue Warning Portable Radar Sensors** – Month
8. **Queue Protection Vehicle** – Hour
9. **Furnish Queue Protection Vehicles** - Month

All other items needed to maintain traffic in accordance with these contract documents and the approved traffic control plan shall be considered incidental to Maintain and Control Traffic. These items include, but are not limited to signs, barricades, barrier wall, TMA trucks, temporary guardrail, temporary and permanent pavement striping, cones, barrels, flaggers, etc.

UNITED STATES COAST GUARD REQUIRMENTS

The Contractor shall submit their work plan for approval with the United States Coast Guard for approval 14 days prior to the pre-construction conference with the completed following form.

U.S. Department of
Homeland Security



United States
Coast Guard

Commander
Eighth Coast Guard District

1222 Spruce Street, 2.102D
St. Louis, MO 63103-2832
Staff Symbol: dwb
Phone: (314) 269-2381
Email: rob.e.mccaskey@uscg.mil

16591.1/603.1 OHR
December 19, 2023

Mr. Tom Mathews
Kentucky Transportation Cabinet
Division Of Maint. Bridge Preservation Branch
200 Mero Street
Frankfort, KY
40622

Subj: John F. Kennedy Memorial Highway Bridge, MILE 603.1, Ohio River

Dear Mr. Mathews:

This letter is confirming that we received the contractor's Michael Baker International, work plan informing us of the work to be conducted on the subject bridge. Since the work does not result in the permanent encroachment on the navigational clearances or change in the configuration of the structure you may proceed with the work as described. The work plan is approved provided the following precautionary measures are taken during the performance of the work:

Condition 1: Before work proceeds, the name and phone number of the person who may be contacted on a 24-hour basis to respond to an emergency at the work site must be provided to this office. The emergency responder must be able to react to and immediately correct any problems that result if equipment becomes loose and extends into the navigation spans.

Condition 2: All proposed changes or deviations from these conditions shall be submitted to the Coast Guard Bridge Branch, St. Louis, Missouri for consideration. Drawings related to proposed changes are to be presented legibly in an 8 ½" x 11" format.

Condition 3: All work shall be performed so the free flow of navigation is not unreasonably interfered with and the navigation depths are not impaired.

Condition 4: Positive precautions shall be taken to prevent the accidental dropping of spark-producing, flame-producing, lighted or other damaging objects onto barges or vessels passing beneath the bridge. All flame-cutting, welding, and similar spark-producing operations shall be ceased over the channel when vessels are passing beneath the bridge.

Condition 5: Nothing can be allowed to drop into the river. If any condition exists that could result in any material deposition into the river, precautions such as positioning a "catch" barge or containment system beneath the work site shall be taken to ensure that nothing falls into the river. Any containment that is installed shall not extend more than 2 feet below low steel following the contours of the bridge.

Subj: JFK memorial Hwy Bridge, MILE 603.1
Ohio River

16591.1/603.1 OHR
December 19, 2023

Condition 6: The work should not be allowed to interfere with displaying navigation lights on the bridge at night or when visibility is less than one mile.

Condition 7: There are several factors, which may impact navigation and require further restrictions to work barge management. If unsafe conditions prevail due to high water levels, swift currents, or strong winds, this approval may need to be modified.

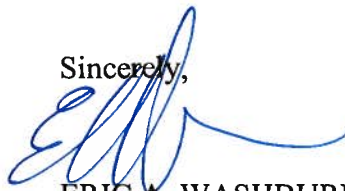
Condition 8: The Federal Water Pollution Control Act, as amended, prohibits the discharge of oil (including oil based paints) or hazardous substances into the waters of the United States. The law requires any person in charge of a vessel or facility from which oil or a hazardous substance is discharged to immediately report the discharge to the U.S. Coast Guard National Response Center, 800-424-8802 (toll free). The owner/operator of a vessel or facility from which the pollutant is discharge is subject to a civil penalty of up to \$10,000 and is liable for cleanup costs, if any.

Condition 9: Any containment system used must not extend more than 5 feet below low steel following the contour of the bridge and may be required to be raised in the event of high water.

This office must be kept informed on the status of this work to enable us to issue cautionary notices to mariners. Please furnish us the call sign, operating frequency and name of the onsite personnel so that the information can be included in our notices. Please complete the enclosed Project Information Record and return it so we can contact the person responsible for compliance with this letter.

Please contact Mr. Rob McCaskey at the above phone number to provide work status updates or for additional information.

Sincerely,



ERIC A. WASHBURN
Bridge Administrator, Western Rivers
By direction of the District Commander

Enclosure: Project Information Form

Copy: CG SECTOR OHR w/o encl
CDRUSAED Louisville w/o encl

PROMPTLY COMPLETE AND PROVIDE COPY TO:

Commander (dwb)
Eighth Coast Guard District
1222 Spruce Street
St. Louis, MO 63103-2832

(314) 269-2381
FAX (314) 269-2737

PROJECT INFORMATION RECORD

NAME OF BRIDGE: _____ RIVER/MILE: _____

PROJECT: _____

PERMITTEE: _____

RESIDENT ENGINEER OR INSPECTOR: _____
(NAME)

ADDRESS: _____

PHONE: _____
(OFFICE) (HOME)

SUBCONTRACTOR: _____

SUBCONTRACTOR'S MAN IN CHARGE: _____

ALTERNATES: _____

START DATE: _____ EXPECTED COMPLETION DATE: _____

NAME OR WORK BOAT ON JOB: _____

RADIO CALL SIGN AND FREQUENCIES: _____

HOURS/DAYS OF OPERATION: _____

(SIGNATURE)