



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET

[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

April 15, 2020

CALL NO. 200  
CONTRACT ID NO. 201018  
ADDENDUM # 1

**Subject:** BALLARD COUNTY, 004GR20D18-NHPP  
Letting April 24, 2020

- (1) Revised - Cover Page - Page 1 of 241
- (2) Revised - Page 4 of 241
- (3) Revised - Project Location Map - Page 17 of 241
- (4) Revised - General Notes - Page 24 of 241
- (5) Revised - Maintenance of Traffic Notes - Page 48 of 241
- (6) Revised - Special Notes - Page 94 of 241
- (7) Revised - Delete Pages 95-102 of 241

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:mr  
Enclosures



**CALL NO. 200**

**CONTRACT ID. 201018**

**BALLARD COUNTY**

**FED/STATE PROJECT NUMBER 004GR20D18-NHPP**

**DESCRIPTION US-51**

**WORK TYPE JPC PAVEMENT REPAIRS - DIAMOND GRINDING**

**PRIMARY COMPLETION DATE 10/1/2020**

**LETTING DATE: April 24,2020**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 am EASTERN DAYLIGHT TIME April 24,2020. Bids will be publicly announced at 10:00 am EASTERN DAYLIGHT TIME.

**NO PLANS ASSOCIATED WITH THIS PROJECT.**

**DBE CERTIFICATION REQUIRED - 4.50%**

**REQUIRED BID PROPOSAL GUARANTY:** Not less than 5% of the total bid.

## ADMINISTRATIVE DISTRICT - 01

REVISED ADDENDUM #1: 4-15-20

**CONTRACT ID - 201018**

**004GR20D18-NHPP**

**COUNTY - BALLARD**

**PCN - DE00400512018**

**NHPP 0511 (050)**

US-51 (MP 4.873) ADDRESS PAVEMENT CONDITION OF AC PAVEMENT ON US-51 FROM MP 4.873 TO MP 7.300 IN BALLARD COUNTY (MP 7.300), A DISTANCE OF 01.77 MILES.JPC PAVEMENT REPAIRS - DIAMOND GRINDING SYP NO. 01-20000.00.

GEOGRAPHIC COORDINATES LATITUDE 36:59:40.00 LONGITUDE 89:07:02.00

**PCN - DE00400512019**

**FE02 004 0051 007-009**

US-51 (MP 7.949) BRIDGE REPAIRS ON US-51 CAIRO BRIDGE OVER THE OHIO RIVER (MP 9.000), A DISTANCE OF 01.00 MILES.BRIDGE REPAIRS

GEOGRAPHIC COORDINATES LATITUDE 36:59:41.00 LONGITUDE 89:08:41.00

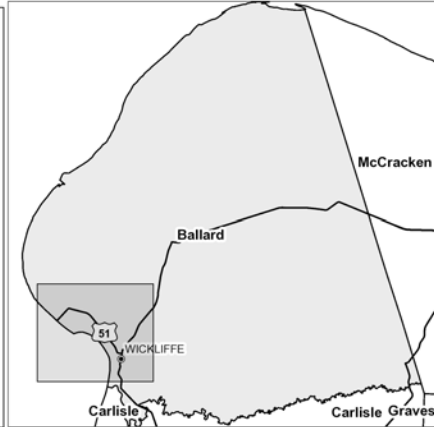
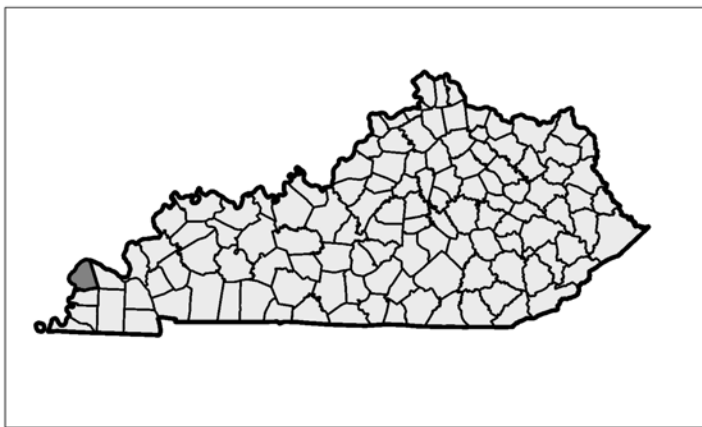
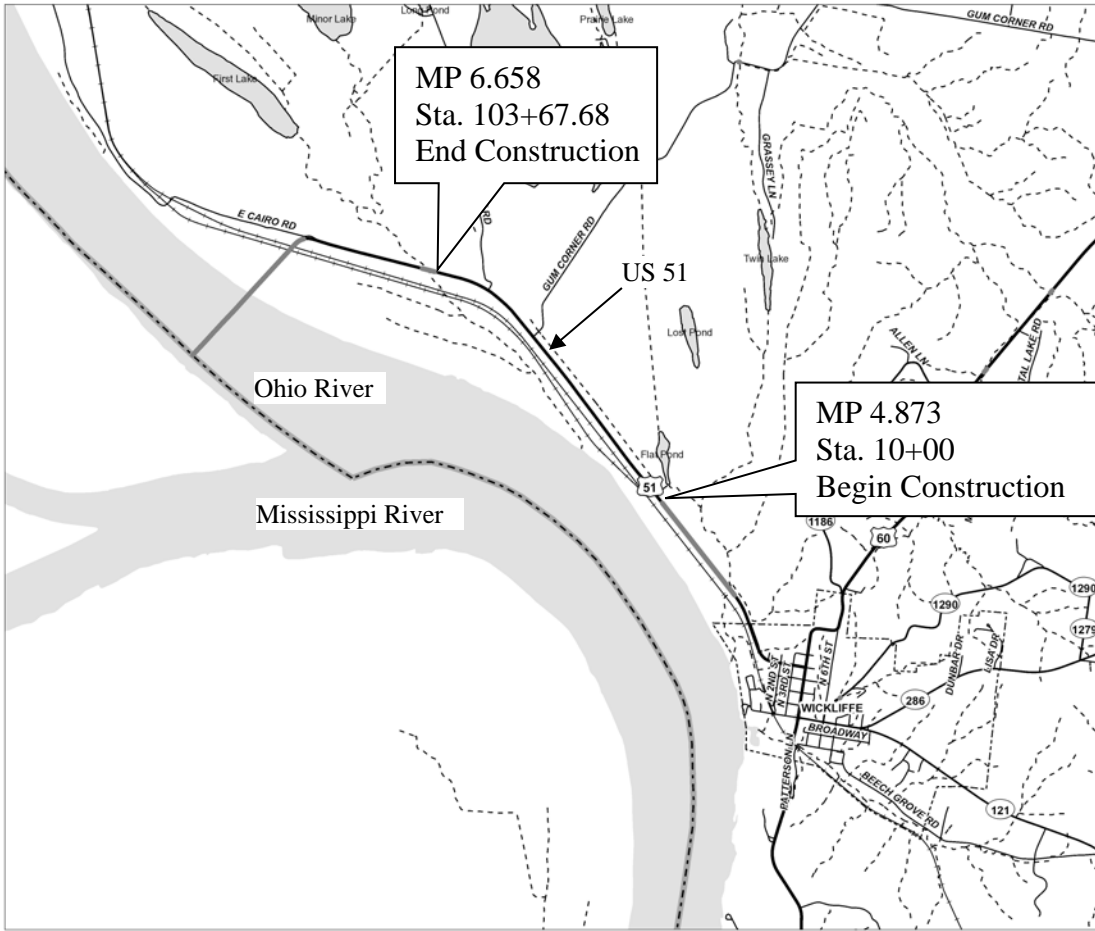
### COMPLETION DATE(S):

COMPLETED BY 10/01/2020

COMPLETED BY 08/01/2020

APPLIES TO ENTIRE CONTRACT  
AND BRIDGE REPAIRS

APPLIES TO PAVEMENT REHAB



Not to Scale

Item Number: 1-20000.00

Construction Numbers: NHPP 0511 (050), FD52 004 0051 004-007

Letting Date: April 24, 2020

Recommended By: ANDRE JOHANNES Date: \_\_\_\_\_  
Project Manager

Plan Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
State Highway Engineer

COUNTY	SHEET NO.	ITEM NO.	PRICE
BALLARD		1-20000.00	

## GENERAL NOTES

**PROPOSAL ATTACHMENTS**  
 SPECIAL NOTE II PORTABLE CHANGEABLE MESSAGE SIGNS (6/15/12)  
 SPECIAL NOTE FOR FIXED COMPLETION DATE AND LIQUIDATED DAMAGES  
 SPECIAL NOTE FOR WASTE AND BORROW SITES  
 SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS  
 M.U.T.C.D. FIGURE 6H-12  
 OTHER SPECIAL NOTES APPLICABLE TO THE PROJECT

**BEFORE YOU DIG**  
 THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUJ) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

**ASPHALT MILLING AND TEXTURING OPERATION**  
 ALL ASPHALT MILLINGS FROM THIS PROJECT WILL BE DISPOSED OF ON-SITE AS DIRECTED BY THE ENGINEER.

**JPC PAVEMENT RIDE QUALITY**  
 APPLY JPC PAVEMENT SMOOTHNESS REQUIREMENTS, IN ACCORDANCE WITH SUBSECTION 501.03.19 OF THE STANDARD SPECIFICATIONS, ON THIS PROJECT. CATEGORY "A" SHALL APPLY.

**STANDARD DRAWINGS**  
 STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY AT (502) 564-3670.

**GUARDRAIL REMOVAL**  
 SALVAGE EXISTING MATERIAL AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER EXISTING SALVAGED GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502) 564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00 AM AND 3:00 PM, MONDAY THROUGH FRIDAY. REMOVE ANY EXISTING GUARDRAIL WITH A LANE CLOSURE IN PLACE. DO NOT LEAVE UNPROTECTED. AFTER THE GUARDRAIL IS REMOVED, A SHOULDER CLOSURE SHALL REMAIN IN PLACE UNTIL THE GUARDRAIL IS REPLACED IN THAT AREA.

**CHANGEABLE MESSAGE BOARDS**  
 CHANGEABLE MESSAGE BOARDS FURNISHED BY THE CONTRACTOR SHALL BE RETAINED BY THE CONTRACTOR UPON COMPLETION OF THE PROJECT. SEE SPECIAL NOTE II PORTABLE CHANGEABLE MESSAGE SIGNS.

GENERAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
BALLARD	I-20000.00	1

# MAINTENANCE OF TRAFFIC NOTES

## TRAFFIC CONTROL GENERAL

Except as provided herein, maintain and control traffic in accordance with the 2010 Standard Specifications, the Standard Drawings and the Manual on Uniform Traffic Control Devices (MUTCD), 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. All lane closures used on the project will be in compliance with the appropriate Standard drawings.

Contrary to Section 106.01, traffic control devices used on this project may be new or used in like new condition, if they conform to current MUTCD specifications. In like new condition, unit completion of the work. Traffic control devices will be replaced with new devices as needed. During construction, signs and portable changeable message signs will be installed at locations specified by the Engineer. See the Maintenance of Traffic construction phasing plan for traffic control details during each phase of construction. The minimum lane width for this project shall be 9.5 feet. The speed limit is to be reduced to 45 mph throughout the work area.

No payment will be awarded for value engineering the maintenance of traffic plans.

## CONSTRUCTION PHASING AND SEQUENCE OF CONSTRUCTION

Obtain the Engineer's approval of the method of lighting prior to performing night work.

Construction phasing and the sequence of construction will be maintained as shown in the plans and the Maintenance of Traffic Notes unless otherwise approved by the Engineer. Guardrail placement will be as directed by the Engineer.

The Contractor must notify the Engineer 14 days prior to beginning work.

## CONSTRUCTION PHASING

Each lane will be permitted to be closed a total of four (4) weeks throughout the life of the project.

Prior to Phase 1 the Contractor is to fill in existing rumble strips and correct pavement deficiencies with leveling and grading on the northbound lane where they will be open to traffic in Phase 1. Phase 1 is to be used to maintain traffic during this work. A quantity of Leveling & Grading P&S-22 has been included on the existing Summary for this work.

### Phase 1

Install construction signing and temporary traffic signals at each end of the project. Close the southbound traffic lane using the traffic control devices as shown on the Maintenance of Traffic Plans and Typical Sections. Use the temporary traffic signals to maintain one lane of traffic in alternating directions on the northbound lane.

Perform the asphalt milling shown in the plans for the southbound lane. Place a DGA wedge at 31' adjacent to the un-milled northbound lanes where the milling depth exceeds 1.5 inches. Adjust milling depth at bridge ends to achieve a 30' DGA wedge. The milling depth on the northbound lanes shall be as shown on the Maintenance of Traffic Plans. The remaining depth to be milled in Phase 3 when traffic is no longer on the southbound lanes.

### Phase 2

Adjust the traffic control devices as well as the temporary traffic signals and related striping to allow the southbound lane to be opened to traffic. Close the northbound lane and open the southbound lane to alternating one lane of traffic on the milled southbound lane as shown on the Maintenance of Traffic Plans and Typical Sections.

Perform the asphalt milling, JPC Pavement Installation, approach slab work at bridge ends, saw and seal concrete joints, place shoulder, guardrail, and drainage work as shown in the plans for the northbound lane. Adjust the DGA wedge placed in Phase 1 to maintain the 31' slope where the difference in elevation between the two lanes exceeds 2' inches.

### Phase 3

Adjust the traffic control devices as well as the temporary traffic signals and related striping to allow the northbound lane to be opened to traffic. Close the southbound lane and open the northbound lane to alternating one lane of traffic on the newly constructed northbound lane as shown on the Maintenance of Traffic Plans and Typical Sections.

Perform any additional milling required that was not performed in Phase 1, JPC Pavement Installation, approach slab work at bridge ends, saw and seal concrete joints, DGA shoulder, guardrail, and drainage work as shown in the plans for the southbound lane.

### Phase 4

Place final striping, final pavement markers, and any other work not completed in prior phases.

## RESTRICTED WORK DAYS

No restrictions apply on work days for this project.

## CONTRACTOR'S VEHICLES

The Contractor's vehicles shall always move with and not against the flow of Traffic. Vehicles shall enter and leave work areas in a safe manner. Interferers with normal traffic flow. Vehicles shall not park or stop except within work areas designated by the Engineer.

## PAVEMENT EDGE DROP-OFF

Pavement edge drop-offs will be protected by 6 lane or shoulder closure. Lane closures will be protected with plastic drums, vertical panels, barricades or other devices approved by the Engineer.

Pavement that traffic is not expected to cross, except accidentally, shall be treated as follows:

Less than 2' - No protection required. Uneven lanes signs W8-11 should be placed in advance and throughout the drop-off area.

2' to 4' - Protect with a lane closure. Place plastic drums, vertical panels, or barricades every 20 feet. Construct a wedge with compacted cuttings from milling, trenching, or asphalt mixtures with a 3:1 or flatter slope when work is not active in the drop-off area. Place Type III Barricades at the beginning of the lane closures.

4' and Greater - Drop-offs 4' or greater will be allowed during duration of the project. Protect with a lane or shoulder closure using drums or barricades. Place drums or barricades with spacing not to exceed 20 feet. Place Type III Barricades at the beginning of the drop-off area. The drop-off area shall be protected with plastic drums or barricades. The drop-off area shall be actively in progress in the drop-off area. Drop-offs greater than 4 inches within 8 feet of traffic will not be allowed during non-working hours.

## TRUCK MOUNTED ATTENUATORS

Furnish and install MUTOP approved truck mounted attenuators (TMA) in advance of work areas when workers are present less than 500 feet from traffic. TMA's shall be at least 500 feet from the work area. TMA's shall be installed at the location directed by the Engineer. Locate the TMA's 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. TMA will not be used on work areas where the TMA's are not in possession of the TMA's upon completion of the work.

## COORDINATION OF WORK

The Contractor is advised that other projects may be in progress within or in the near vicinity of this project. The traffic control of those projects may affect this project and the traffic control of this project may affect those projects. The Contractor will coordinate the work on this project with the work of the other contractors. In case of conflict, the Engineer will determine the relative priority to give to work phasing on the various projects.

MAINTENANCE OF TRAFFIC NOTES

## **Special Note for Fixed Completion Dates And Liquidated Damages**

### MILESTONE COMPLETION

This project shall have a milestone completion date of August 1, 2020, for all work associated with the roadway items on this contract. Within the August 1, 2020, milestone completion date, the following additional requirement shall apply: Contractor shall complete all work within eight (8) calendar weeks once temporary traffic signals are operational and a lane closure is in place for the roadway portion of the project. Failure to meet this deadline or milestone completion date will result in liquidated damages being assessed at a rate of \$1000 per calendar day.

### FIXED COMPLETION

This project shall have a fixed completion date of October 1, 2020, for all remaining work on this contract. Liquidated damages shall be assessed at a rate or \$2400 per calendar day that work is not complete after October 1, 2020.

Contrary to Section 108.09 of the Standard Specifications, Liquidated Damages per the Standard Specifications will be charged during the months of December through March for all work that is not completed.

All liquidated damages will be applied cumulatively.

All other applicable portions of Section 108 apply.