



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Jim Gray  
SECRETARY

March 17, 2025

CALL NO. 416  
CONTRACT ID NO. 252963  
ADDENDUM # 2

Subject: Christian County, 024GR25M035  
Letting March 20, 2025

- (1) Revised - Special Notes - Pages 14-15 & 21-23 of 51
- (2) Revised - Material Summary Sheet - Pages 32-33 of 51
- (3) Revised - Proposal Bid Items - Pages 50-51 of 51

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 black ink that reads "Rachel Mills".

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

RM:mr  
Enclosures

## **SPECIAL NOTE FOR BRIDGE DECK RESTORATION AND WATERPROOFING WITH CONCRETE OVERLAYS**

- 1. DESCRIPTION.** Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway's Standard Specifications for Road and Bridge Construction and applicable Supplemental Specifications, the Standard Drawings (current editions), this Note, and the attached detail drawings. Section references are to the Standard Specifications. This work consists of the following: (1) Furnish all labor, materials, tools, and equipment, (2) Machine prep the existing slab, (3) Complete full-depth and partial depth repairs as directed by the Engineer, (4) Repair/replace damaged and corroded reinforcing bars, (5) Place new concrete overlay and epoxy-sand slurry in accordance with Section 606, (6) Complete asphalt approach pavement, and (7) Any other work specified as part of this contract. All construction will be in accordance with Section 606 unless otherwise specified.
- 2. MATERIALS.**

  - A. Latex Concrete.** See Section 606.03.17.
  - B. Class "M" Concrete.** Use either "M1" or "M2". See Section 601.
  - C. Bituminous Asphalt.** Use CL2 ASPH SURF 0.38D PG64-22.
  - D. Epoxy-Sand Slurry.** See Section 606.03.10.
- 3. CONSTRUCTION.**

  - A. Remove Existing Overlay.** In addition to Section 606.03.03, totally remove the existing concrete overlay by milling.
  - B. Partial Depth Slab Repair and Latex Overlay.** Remove areas determined to be unsound by the Engineer via hydro-demolition or via hand held jackhammers weighing less than 45lbs in accordance with Section 606.02.10 D. Repair/Replace all damaged or severely corroded reinforcing bars prior to partial depth repair operation. The Department will not measure material removal and will consider this work incidental to the bid item "PARTIAL DEPTH PATCHING". Mix and place Latex Modified Concrete Overlay in accordance with Sections 606.03.08 and 606.03.17.
  - C. Asphalt Approach Pavement.** Mill each existing asphalt approach to the distance indicated in the attached detailed drawings. Remove the bituminous material uniformly by making an edge key, so as to provide a smooth transition to the finished bridge when a new bituminous overlay of compacted depth of approximately 1½" is added to the approaches. The grinding depth may vary depending on the condition of the existing approach and final elevation of bridge end. Dispose of all removed material away from the site.
  - D. Surface Texturing.** Texture the concrete surface of the overlay in accordance with Section 609.03.10.
  - E. Pavement Markings.** Restore pavement markings to original patterns and/or as directed by the Engineer in accordance with Sections 713, 714 and 837. See Standard Drawings TPM-115 and TPM-207 Current Edition.
  - F. Verifying Field Conditions.** The Contractor shall field verify all dimensions before ordering any material. New material that is unsuitable due to variation in existing structure shall be replaced at the Contractors expense.

**G. Damage to the Structure.** The Contractor shall bear all responsibility and expense for all damage to the structure during the repair work even to removal and replacement of a fallen span, should the fallen span result from the Contractor's actions.

4. **MEASUREMENT.** See Section 606 and the following:
- A. **Latex Modified Concrete for Overlay.** The Department will measure the quantity in cubic yards using the theoretical volume as follows for each bridge:  
024B00027N (111'0"x70'4"x1.50") = 36.1 CY  
024B00016N (96'0"x23'0"x1.50") = 10.2 CY
  - B. **Remove Epoxy Bit Foreign Overlay, Blast Cleaning, Epoxy Sand Slurry and Bridge Overlay Approach Pavement.** The Department will measure the removal of the existing overlay in square yards.
  - C. **Partial Depth Patching.** The Department will measure the quantity in cubic yards by deducting the theoretical volume of bridge deck overlay (LMC) from the total volume (as indicated by the batch quantity tickets) of Concrete required to obtain the finished grade shown on the plans or established by the Engineer. **Quantities are estimated.**
  - D. **Concrete Class M Full Depth Patch and Concrete Latex Overlay.** The Department will measure the quantity in cubic yards.
  - E. **Steel Reinforcement.** The Department will measure any reinforcing steel necessary for the partial or full depth patch in pounds.
  - F. **Pave Striping-Perm 4 Inch.** The Department will measure the quantity in lineal feet.
5. **PAYMENT.** See Section 606 and the following:
- A. **Remove Epoxy Bit Foreign Overlay (08510).** The Department will make payment for the removal of the existing overlay.
  - B. **Partial Depth Patching (24094EC).** The Department will make payment for removing existing materials, furnishing, and placing all new materials completed and accepted. **Install quantities will be paid.**
  - C. **Concrete Class M Full Depth Patch (08526).** The Department will make payment for removing existing materials, furnishing, and placing all new materials.
  - D. **Blast Cleaning (08549).** The Department will make payment for blast cleaning all surfaces specified.
  - E. **Epoxy Sand Slurry (08504).** The Department will make payment for furnishing and placing all new materials as specified.
  - F. **Concrete Latex Overlay (08534).** The Department will make payment for furnishing and placing all new material as specified.
  - G. **Steel Reinforcement (08150).** The Department will make payment for steel reinforcement, if necessary.
  - H. **Asphalt Approach Pavement (03304).** The Department will make payment for removing existing materials, furnishing, and placing all new materials as specified.
  - I. **Pave Striping-Perm 4 Inch (06514).** The Department will make payment for furnishing and placing permanent striping as specified.

## SPECIAL NOTE FOR TRAFFIC CONTROL ON BRIDGE REPAIR CONTRACTS

### 1. TRAFFIC CONTROL GENERAL.

Except as provided herein, traffic shall be maintained in accordance with the Standard Specifications (current edition), Section 112. 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 new condition, at the beginning of the work and maintained in like new condition until completion of the work.

### 2. TRAFFIC COORDINATOR.

Furnish a Traffic Coordinator as per 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.

### 3. SIGNS.

Contrary to Section 112.04.02, only long-term signs (sign 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.

The contractor is to install warning signs for wide loads in advance of the bridge under the direction of the Engineer. The Department will not measure installation, maintenance, or removal for payment, and will consider these incidentals to Maintain and Control Traffic.

### 4. TEMPORARY PAVEMENT STRIPING.

Skip lines and/or solid lines through the length of the tapers for lane closures and other striping as directed by the Engineer shall be temporarily covered with 6” black removable tape. Permanent removal of all other pavement striping for traffic control shall be considered incidental to Maintain and Control Traffic. Temporary pavement striping shall be paid only once per course in accordance with Section 112.04.07. The Contractor shall replace any temporary striping that becomes damaged or fails to adhere to the pavement before dark on the day of the notification. **A penalty of \$500.00 per day will be assessed for failing to replace temporary striping within this time limit.**

### 5. PROJECT PHASING & CONSTRUCTION PROCEDURES.

Maintain one lane of traffic on each bridge at all times in accordance with Standard Drawing No. **TTC-100, TTC-110 and TTC-120. The Contractor shall submit their construction phasing plan 14 days prior to the pre-construction conference for approval.** The minimum clear lane width required is as follows:

<u>Structure</u>	<u>Clear Lane Width</u>
024B00027N	12’-0”
024B00016N	9’-6”

**6. TEMPORARY CONCTETE BARRIERS (024B00027N).**

All long-term lane closures shall require temporary Concrete Barriers 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.

**7. TEMPORARY SIGNAL (024B00016N).**

Provide, install, and maintain a temporary traffic signal as specified below. The Contractor must provide a 24-hour contact person and number available to maintain the temporary signals as needed.

<u>Structure</u>	<u>Signal</u>
024B00016N	2 Phase

**8. PORTABLE CHANGAEABLE MESSAGE SIGN**

Provide, install, and maintain two (2) portable changeable message boards two (1) each direction as directed by the Engineer for each location. The Contractor must provide a 24-hour contact person and number available to maintain the portable changeable message sign as needed.

**9. MEASUREMENT.**

**Temporary Signs:**

The Cabinet will measure this item by "Square Feet".

**Maintain and Control Traffic:**

The Cabinet will measure this item by "Lump Sum".

**Portable Changeable Message Sign, Lane Closure, Arrow Panel, Relocate Crash Cushion, Temp Signal 2 Phase and Temporary Crash Cushion:**

The Cabinet will measure this item by "Each".

**Relocate Temporary Barrier, Concrete Barrier Wall type 9T and Pave Striping-Temp Rem Tape-B, W, Y:**

The Department will measure the quantity in "Linear Feet".

## 10. PAYMENT.

### **Temporary Signs (02562):**

Payment at the contract unit price for “Square Feet” is full compensation for all items to complete this work as specified.

### **Maintain and Control Traffic (02650):**

Payment at the contract unit price for “Lump Sum” is full compensation for all items to complete this work as specified.

### **Portable Changeable Message Sign (02671), Lane Closure (02653), Arrow Panel (02775), Relocate Crash Cushion (02898), Temp Signal 2 Phase (04933) and Temporary Crash Cushion (20738NS112):**

Payment at the contract unit price “Each” is full compensation for all items to complete this work as specified.

### **Relocate Temporary Barrier (02003), Concrete Barrier Wall Type 9T (03171) and Pave Striping-Temp Rem Tape-B (06549), W (06550), Y (06551):**

Payment at the contract unit price “Lineal Feet” is full compensation for all items to complete this work as specified.

# MATERIAL SUMMARY

**CONTRACT ID: 252963**

**024GR25M035**

**MB02400412501**

FORT CAMPBELL BOULEVARD (US 41) BRIDGE 024B00027N OVER SOUTH FORK LITTLE RIVER AT MP 14.20  
BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0105	02003	RELOCATE TEMP CONC BARRIER	1,533.00	LF
0110	02562	TEMPORARY SIGNS - (REVISED 3-17-2025)	140.00	SQFT
0115	02650	MAINTAIN & CONTROL TRAFFIC - - 024B00027N	1.00	LS
0120	02653	LANE CLOSURE	4.00	EACH
0125	02775	ARROW PANEL	1.00	EACH
0130	02898	RELOCATE CRASH CUSHION	3.00	EACH
0135	03171	CONC BARRIER WALL TYPE 9T	511.00	LF
0140	03299	ARMORED EDGE FOR CONCRETE	140.60	LF
0145	03304	BRIDGE OVERLAY APPROACH PAVEMENT	782.00	SQYD
0150	06514	PAVE STRIPING-PERM PAINT-4 IN	1,266.00	LF
0155	06549	PAVE STRIPING-TEMP REM TAPE-B - (REVISED 3/14/2025)	2,000.00	LF
0160	06550	PAVE STRIPING-TEMP REM TAPE-W	4,000.00	LF
0165	06551	PAVE STRIPING-TEMP REM TAPE-Y	4,000.00	LF
0170	08150	STEEL REINFORCEMENT	1,785.00	LB
0175	08504	EPOXY SAND SLURRY	317.00	SQYD
0180	08510	REM EPOXY BIT FOREIGN OVERLAY	868.00	SQYD
0185	08526	CONC CLASS M FULL DEPTH PATCH	2.00	CUYD
0190	08534	CONCRETE OVERLAY-LATEX	36.10	CUYD
0195	08540	JOINT SEALING	192.00	LF
0200	08549	BLAST CLEANING	1,184.00	SQYD
0205	20738NS112	TEMP CRASH CUSHION	1.00	EACH
0210	24094EC	PARTIAL DEPTH PATCHING - (REVISED 3-17-25)	32.00	CUYD
0215	24692EC	DECK DRAIN RETROFIT - TYPE 1	7.00	EACH
0220	24692EC	DECK DRAIN RETROFIT - TYPE 2	6.00	EACH
0225	02569	DEMOBILIZATION	1.00	LS
0230	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED 3-17-25)	2.00	EACH

# MATERIAL SUMMARY

**CONTRACT ID: 252963**

**024GR25M035**

**MB02401072501**

GREENVILLE ROAD (KY 107) BRIDGE 024B00016N OVER LITTLE RIVER AT MP 23.00 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	02562	TEMPORARY SIGNS - (REVISED 3-17-25)	149.00	SQFT
0010	02650	MAINTAIN & CONTROL TRAFFIC - - 024B00016N	1.00	LS
0015	02653	LANE CLOSURE	2.00	EACH
0020	03299	ARMORED EDGE FOR CONCRETE	46.00	LF
0025	03300	ELIMINATE TRANSVERSE JOINT	23.00	LF
0030	03304	BRIDGE OVERLAY APPROACH PAVEMENT	512.00	SQYD
0035	04933	TEMP SIGNAL 2 PHASE	1.00	EACH
0040	06514	PAVE STRIPING-PERM PAINT-4 IN	444.00	LF
0045	06549	PAVE STRIPING-TEMP REM TAPE-B	1,000.00	LF
0050	06550	PAVE STRIPING-TEMP REM TAPE-W	2,000.00	LF
0055	06551	PAVE STRIPING-TEMP REM TAPE-Y	2,000.00	LF
0060	08150	STEEL REINFORCEMENT	435.00	LB
0065	08504	EPOXY SAND SLURRY	72.00	SQYD
0070	08526	CONC CLASS M FULL DEPTH PATCH	2.00	CUYD
0075	08534	CONCRETE OVERLAY-LATEX	10.20	CUYD
0080	08549	BLAST CLEANING	317.00	SQYD
0085	08551	MACHINE PREP OF SLAB	246.00	SQYD
0090	24094EC	PARTIAL DEPTH PATCHING - (REVISED 3-17-25)	10.00	CUYD
0095	24692EC	DECK DRAIN RETROFIT - TYPE 3	24.00	EACH
0100	02569	DEMOBILIZATION	1.00	LS
0105	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED 3-17-2025)	2.00	EACH

**PROPOSAL BID ITEMS**

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Report Date 3/17/25

**Section: 0001 - BRIDGE - 024B00027N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	02003		RELOCATE TEMP CONC BARRIER	1,533.00	LF		\$	
0020	02562		TEMPORARY SIGNS (REVISED 3-17-2025)	140.00	SQFT		\$	
0030	02650		MAINTAIN & CONTROL TRAFFIC - 024B00027N	1.00	LS		\$	
0040	02653		LANE CLOSURE	4.00	EACH		\$	
0045	02671		PORTABLE CHANGEABLE MESSAGE SIGN (ADDED 3-17-25)	2.00	EACH		\$	
0050	02775		ARROW PANEL	1.00	EACH		\$	
0060	02898		RELOCATE CRASH CUSHION	3.00	EACH		\$	
0070	03171		CONC BARRIER WALL TYPE 9T	511.00	LF		\$	
0080	03299		ARMORED EDGE FOR CONCRETE	140.60	LF		\$	
0090	03304		BRIDGE OVERLAY APPROACH PAVEMENT	782.00	SQYD		\$	
0100	06514		PAVE STRIPING-PERM PAINT-4 IN	1,266.00	LF		\$	
0110	06549		PAVE STRIPING-TEMP REM TAPE-B (REVISED 3/14/2025)	2,000.00	LF		\$	
0120	06550		PAVE STRIPING-TEMP REM TAPE-W	4,000.00	LF		\$	
0130	06551		PAVE STRIPING-TEMP REM TAPE-Y	4,000.00	LF		\$	
0140	08150		STEEL REINFORCEMENT	1,785.00	LB		\$	
0150	08504		EPOXY SAND SLURRY	317.00	SQYD		\$	
0160	08510		REM EPOXY BIT FOREIGN OVERLAY	868.00	SQYD		\$	
0170	08526		CONC CLASS M FULL DEPTH PATCH	2.00	CUYD		\$	
0180	08534		CONCRETE OVERLAY-LATEX	36.10	CUYD		\$	
0190	08540		JOINT SEALING	192.00	LF		\$	
0200	08549		BLAST CLEANING	1,184.00	SQYD		\$	
0210	20738NS112		TEMP CRASH CUSHION	1.00	EACH		\$	
0220	24094EC		PARTIAL DEPTH PATCHING (REVISED 3-17-25)	32.00	CUYD		\$	
0230	24692EC		DECK DRAIN RETROFIT TYPE 1	7.00	EACH		\$	
0240	24692EC		DECK DRAIN RETROFIT TYPE 2	6.00	EACH		\$	

**Section: 0002 - BRIDGE - 024B00016N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0250	02562		TEMPORARY SIGNS (REVISED 3-17-25)	149.00	SQFT		\$	
0260	02650		MAINTAIN & CONTROL TRAFFIC - 024B00016N	1.00	LS		\$	
0270	02653		LANE CLOSURE	2.00	EACH		\$	
0275	02671		PORTABLE CHANGEABLE MESSAGE SIGN (ADDED 3-17-2025)	2.00	EACH		\$	
0280	03299		ARMORED EDGE FOR CONCRETE	46.00	LF		\$	
0290	03300		ELIMINATE TRANSVERSE JOINT	23.00	LF		\$	
0300	03304		BRIDGE OVERLAY APPROACH PAVEMENT	512.00	SQYD		\$	
0310	04933		TEMP SIGNAL 2 PHASE	1.00	EACH		\$	
0320	06514		PAVE STRIPING-PERM PAINT-4 IN	444.00	LF		\$	

**PROPOSAL BID ITEMS**

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Report Date 3/17/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0330	06549		PAVE STRIPING-TEMP REM TAPE-B	1,000.00	LF		\$	
0340	06550		PAVE STRIPING-TEMP REM TAPE-W	2,000.00	LF		\$	
0350	06551		PAVE STRIPING-TEMP REM TAPE-Y	2,000.00	LF		\$	
0360	08150		STEEL REINFORCEMENT	435.00	LB		\$	
0370	08504		EPOXY SAND SLURRY	72.00	SQYD		\$	
0380	08526		CONC CLASS M FULL DEPTH PATCH	2.00	CUYD		\$	
0390	08534		CONCRETE OVERLAY-LATEX	10.20	CUYD		\$	
0400	08549		BLAST CLEANING	317.00	SQYD		\$	
0410	08551		MACHINE PREP OF SLAB	246.00	SQYD		\$	
0420	24094EC		PARTIAL DEPTH PATCHING (REVISED 3-17-25)	10.00	CUYD		\$	
0430	24692EC		DECK DRAIN RETROFIT TYPE 3	24.00	EACH		\$	

**Section: 0003 - DEMOB**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0440	02569		DEMOBILIZATION	1.00	LS		\$	