

# CALL NO. <u>416</u> CONTRACT ID. <u>252963</u> <u>CHRISTIAN COUNTY</u> FED/STATE PROJECT NUMBER <u>024GR25M035</u> DESCRIPTION <u>US 41 ALT AND KY 107 ~ 2 BRIDGES</u> WORK TYPE <u>BRIDGE DECK RESTORATION & WATERPROOFING</u> PRIMARY COMPLETION DATE <u>11/15/2025</u>

#### LETTING DATE: March 20,2025

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME March 20,2025. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

#### NO PLANS ASSOCIATED WITH THIS PROJECT.

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

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# PART I

# **SCOPE OF WORK**

### **ADMINISTRATIVE DISTRICT - 02**

#### CONTRACT ID - 252963

#### 024GR25M035

**COUNTY - CHRISTIAN** 

#### PCN - MB02400412501 FE02 024 0041 B00027N

FORT CAMPBELL BOULEVARD (US 41) BRIDGE 024B00027N OVER SOUTH FORK LITTLE RIVER AT MP 14.20BRIDGE DECK RESTORATION & WATERPROOFING GEOGRAPHIC COORDINATES LATITUDE 36:50:22.00 LONGITUDE 87:28:52.00 ADT

#### PCN - MB02401072501 FE02 024 0107 B00016N

GREENVILLE ROAD (KY 107) BRIDGE 024B00016N OVER LITTLE RIVER AT MP 23.00BRIDGE DECK RESTORATION & WATERPROOFING GEOGRAPHIC COORDINATES LATITUDE 36:54:26.00 LONGITUDE 87:26:43.00 ADT

#### COMPLETION DATE(S):

COMPLETED BY 11/15/2025	APPLIES TO ENTIRE CONTRACT (SEE SPECIAL NOTE)
45 CALENDAR Days	APPLIES TO 024B00027N (SEE SPECIAL NOTE)
30 CALENDAR Days	APPLIES TO 024B00016N (SEE SPECIAL NOTE)

### **CONTRACT NOTES**

#### **INSURANCE**

Refer to Kentucky Standard Specifications for Road and Bridge Construction, current edition.

#### PROPOSAL ADDENDA

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

#### **BID SUBMITTAL**

Bidder must use the Department's electronic bidding software. The Bidder must download the bid file located on the Bid Express website (www.bidx.com) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

#### JOINT VENTURE BIDDING

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

#### **UNDERGROUND FACILITY DAMAGE PROTECTION**

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. When prescribed in said directives, the contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom shall be contacted through their individual Protection Notification Center. Non-compliance with these directives can result in the enforcement of penalties.

#### **REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY**

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by <u>KRS 14A.9-010</u> to obtain a certificate of authority to transact business in the Commonwealth ("certificate") from the Secretary of State under <u>KRS 14A.9-030</u> unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the

foreign entity is not required to obtain a certificate as provided in <u>KRS 14A.9-010</u>, the foreign entity should identify the applicable exception. Foreign entity is defined within <u>KRS 14A.1-070</u>.

For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity's solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.

Businesses can register with the Secretary of State at <u>https://secure.kentucky.gov/sos/ftbr/welcome.aspx</u>.

#### SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by email to <u>kytc.projectquestions@ky.gov</u>. The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading "Questions & Answers" on the Construction Procurement website (<u>www.transportation.ky.gov/construction-procurement</u>). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

#### HARDWOOD REMOVAL RESTRICTIONS

The US Department of Agriculture has imposed a quarantine in Kentucky and several surrounding states, to prevent the spread of an invasive insect, the emerald ash borer. Hardwood cut in conjunction with the project may not be removed from the state. Chipping or burning on site is the preferred method of disposal.

#### **INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES**

Identification of excess material sites and borrow sites shall be the responsibility of the Contractor. The Contractor shall be responsible for compliance with all applicable state and federal laws and may wish to consult with the US Fish and Wildlife Service to seek protection under Section 10 of the Endangered Species Act for these activities.

#### ACCESS TO RECORDS

The state agency certifies that it is in compliance with the provisions of KRS 45A.150, "Access to contractor's books, documents, papers, records, or other evidence directly pertinent to the contract." The Contractor, as defined in KRS 45A.030, agrees that the contracting agency, the

Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this agreement for the purpose of financial audit or program review. The Contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884. Records and other prequalification information confidentially disclosed as part of the bid process shall not be deemed as directly pertinent to the agreement and shall be exempt from disclosure as provided in KRS 61.878(1)(c).

#### **BOYCOTT PROVISIONS**

If applicable, the contractor represents that, pursuant to <u>KRS 45A.607</u>, they are not currently engaged in, and will not for the duration of the contract engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which Kentucky can enjoy open trade. **Note:** The term Boycott does not include actions taken for bona fide business or economic reasons, or actions specifically required by federal or state law.

If applicable, the contractor verifies that, pursuant to KRS 41.480, they do not engage in, and will not for the duration of the contract engage in, in energy company boycotts as defined by KRS 41.472.

#### **LOBBYING PROHIBITIONS**

The contractor represents that they, and any subcontractor performing work under the contract, have not violated the agency restrictions contained in <u>KRS 11A.236</u> during the previous ten (10) years, and pledges to abide by the restrictions set forth in such statute for the duration of the contract awarded.

The contractor further represents that, pursuant to <u>KRS 45A.328</u>, they have not procured an original, subsequent, or similar contract while employing an executive agency lobbyist who was convicted of a crime related to the original, subsequent, or similar contract within five (5) years of the conviction of the lobbyist.

Revised: 1/1/2025

SPECIAL NOTE – BUY AMERICA REQUIREMENTS AND BUILD AMERICA, BUY AMERICA (BABA) ACT\_\_\_\_\_\_

Follow the "Buy America" provisions as required by 23 U.S.C. § 313 and 23 C.F.R. § 635.410. Except as expressly provided herein all manufacturing processes of steel or iron materials including but not limited to structural steel, guardrail materials, corrugated steel, culvert pipe, structural plate, prestressing strands, and steel reinforcing bars shall occur in the United States of America, including the application of:

- Coating,
- Galvanizing,
- Painting, and
- Other coating that protects or enhances the value of steel or iron products.

The following are exempt, unless processed or refined to include substantial amounts of steel or iron material, and may be used regardless of source in the domestic manufacturing process for steel or iron material:

- Pig iron,
- Processed, pelletized, and reduced iron ore material, or
- Processed alloys.

The Contractor shall submit a certification stating that all manufacturing processes involved with the production of steel or iron materials occurred in the United States.

Produce, mill, fabricate, and manufacture in the United States of America all aluminum components of bridges, tunnels, and large sign support systems, for which either shop fabrication, shop inspection, or certified mill test reports are required as the basis of acceptance by the Department.

Use foreign materials only under the following conditions:

- 1) When the materials are not permanently incorporated into the project; or
- 2) When the delivered cost of such materials used does not exceed 0.1 percent
- of the total Contract amount or \$2,500.00, whichever is greater.

The Contractor shall submit to the Engineer the origin and value of any foreign material used.

#### 2.0 - BUILD AMERICA, BUY AMERICA (BABA)

Contractor shall comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 C.F.R. § 635.410 and all relevant provisions of the Build America, Buy America Act (BABA), contained within the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, §§ 70901-52 enacted November 15, 2021. The BABA requires iron, steel, manufactured products, and construction materials used in infrastructure projects funded by federal financial assistance to be produced in the United States. Comply with 2 C.F.R § 184.

BABA permits FHWA participation in the Contract only if domestic steel and iron will be used on the Project. To be considered domestic, all steel and iron used, and all products manufactured from steel and iron must be produced in the United States and all manufacturing processes, including application of a coating, for these materials must occur in the United States. Coating includes all processes that protect or enhance the value of the material to which the coating is applied. This requirement does not preclude a minimal use of foreign steel and iron materials, provided the cost of such materials does not exceed 0.1% of the total contract amount under the Contract or \$2,500.00 whichever is greater.

BABA permits FHWA participation in the Contract only if all "construction materials" as defined in the Act are made in the United States. The Buy America preference applies to the following construction materials

SPECIAL NOTE – BUY AMERICA REQUIREMENTS AND BUILD AMERICA, BUY AMERICA (BABA) ACT

incorporated into infrastructure projects: non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); Fiber optic cable; optical fiber; lumber; engineered wood; and drywall. Contractor will be required to use construction materials produced in the United States on this Project. The Contractor shall submit a certification stating that all construction materials are certified to be BABA compliant.

Finally, BABA permits the continuation of FHWA's current general applicability waivers for manufactured products, raw materials, and ferryboat parts, but these waivers are subject to reevaluation, specifically the general applicability waiver for manufactured products.

The Contractor has completed and submitted, or shall complete and submit, to the Cabinet a Buy America/ Build America, Buy America Certificate prior to the Cabinet issuing the notice to proceed, in the format below. After submittal, the Contractor is bound by its original certification.

A false certification is a criminal act in violation of 18 U.S.C. § 1001. The Contractor has the burden of proof to establish that it is in compliance.

At the Contractor's request, the Cabinet may, but is not obligated to, seek a waiver of Buy America requirements if grounds for the waiver exist under 23 C.F.R. § 635.410(c) or will comply with the applicable Buy America requirements if a waiver of those requirements is not available or not pursued by the Cabinet.

Please refer to the Federal Highway Administration's Buy America webpage for more information.

<u>Buy America - Construction Program Guide - Contract Administration - Construction - Federal Highway</u> <u>Administration (dot.gov)</u>

October 26, 2023 Letting

SPECIAL NOTE – BUY AMERICA REQUIREMENTS AND BUILD AMERICA, BUY AMERICA (BABA) ACT

10/26/2023

#### BUY AMERICA / BUILD AMERICA, BUY AMERICA (ACT) MATERIALS CERTIFICATE OF COMPLIANCE

The Contractor hereby certifies that it will comply with all relevant provisions of the Build America, Buy America Act, contained within the Infrastructure Investment and Jobs Act, Pub. L. NO. 117-58, §§ 70901-52, the requirements of 23 U.S.C. § 313, 23 C.F.R. § 635.410 and 2 C.F.R § 184.

Date Submitted:

Contractor:\_\_\_\_\_

Signature:\_\_\_\_\_

Title:\_\_\_\_\_

NOTE: THIS CERTIFICATION IS IN ADDITION TO ANY AND ALL REQUIREMENTS OUTLINED IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND/OR SPECIAL NOTES CONTAINED IN THE PROJECT PROPOSAL.

#### SPECIAL NOTE FOR RECIPROCAL PREFERENCE

#### **RECIPROCAL PREFERENCE TO BE GIVEN BY PUBLIC AGENCIES TO RESIDENT BIDDERS**

By reference, KRS 45A.490 to 45A.494 are incorporated herein and in compliance regarding the bidders residency. Bidders who want to claim resident bidder status should complete the Affidavit for Claiming Resident Bidder Status along with their bid in the electronic bidding software. Submittal of the Affidavit should be done along the bid in Bid Express.

April 30, 2018

#### SPECIAL NOTES DISTRICT NO. 2 CHRISTIAN COUNTY BRIDGE DECK RESTORATION AND WATERPROOFING CID 252963 ~ 024GR25M035

#### FE02 024 0041 B00027N 14.20

Christian County ~ US 41 ALT (Fort Campbell Boulevard) over South Fork Little River

#### Geographic Coordinates

Latitude 36° 50' 22.00" (36.8395) Longitude -87° 28' 52.00" (-87.4810)

#### Description

3~37' RCDG Spans, Drawing Nos. 12190 and 20165.

FE02 024 0107 B00016N 23.00 Christian County ~ KY 107 WB (Greenville Road) over Little River

## **Geographic Coordinates**

Latitude 36° 54' 26.00" (36.9073) Longitude -87° 26' 43.00" (-87.4452)

#### Description

2~45' RCDG Spans, Drawing No. 05568.

#### SPECIAL NOTES FOR BRIDGE DECK RESTORATION AND WATERPROOFING

SPECIAL NOTE FOR BRIDGE DECK RESTORATION AND WATERPROOFING WITH CONCRETE OVERLAYS

SPECIAL NOTE FOR JOINT SEALING

SPECIAL NOTE FOR ELIMINATING TRANSVERSE JOINTS ON BRIDGES

SPECIAL NOTE FOR DECK DRAIN RETROFIT

SPECIAL NOTE FOR CONTRACT COMPLETION DATE AND PENALTIES ON BRIDGE REPAIR CONTRACTS

SPECIAL NOTE FOR MAINTAINING AND CONTROLLING TRAFFIC

#### 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 1<sup>1</sup>/<sub>2</sub>" 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<br/>quantity in cubic yards using the theoretical volume as follows for each bridge:<br/>024B00027N<br/>024B00016N(111'0"x70'4"x1.50") = 36.1 CY<br/>(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.
  - **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 exiting materials, furnishing, and placing all new materials completed and accepted.
  - C. Concrete Class M Full Depth Patch (08526). The Department will make payment for removing exiting 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 JOINT SEALING (024B00027N)

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 Attached Detailed Drawings. Section references are to the Standard Specifications. This work consists of the following: (1) Furnish all labor, materials, tools, and equipment, (2) Saw Cut New Overlay, (3) Install Sealant as specified and (4) Any other work specified as part of this contract.

#### 2. MATERIALS.

**A. Silicone Rubber Sealants.** See Section 807.03.05.

#### 3. CONSTRUCTION.

A. Saw Cut New Overlay (Deck).

Saw cut new overlay as indicated in the attached detailed drawings.

**B.** Remove Existing Sealant (Sidewalk and Mountable Median). Remove existing sealant as indicated in the attached detailed drawings.

#### **B.** Installing Silicone Rubber Sealants.

Furnish and install the Silicone Rubber Sealing in accordance with 807.03.05. after saw cutting the new overlay and removing the existing sealant.

#### C. Verifying Field Conditions.

The Contractor shall field verify all joint locations and sealant before ordering any material. New material that is unsuitable due to variation in existing structure shall be replaced at the Contractors expense.

#### D. Damage to the Structure.

The Contractor shall bear all responsibility and expense for any and 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.**

## A. JOINT SEALING.

The Department will measure the quantity in linear feet from inside face of parapet to inside face of parapet along the centerline of the joint.

## 5. PAYMENT.

## A. JOINT SEALING (08540)

Payment at the contract unit price per linear foot is full compensation for saw cutting removing existing sealant, furnishing, and installing the new sealant and all incidental items necessary to complete the work within the specified pay limits as specified by this note and the standard specification.

#### SPECIAL NOTE FOR ELIMINATING TRANSVERSE JOINTS ON BRIDGES (024B00016N)

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 Detailed Drawings. Section references are to the Standard Specifications. This work consists of the following: (1) Furnish all labor, materials, tools, and equipment, (2) Remove existing concrete and expansion device(s), (3) Place new concrete and steel reinforcement as specified and (4) Any other work specified as part of this contract. See attached detailed drawings.

#### 2. MATERIALS.

- A. Class "M" Concrete. Use either "M1" or "M2". See Section 601.
- B. Epoxy Coated Steel Reinforcement. Use Grade 60. See Section 602.
- C. Epoxy Bond Coat. See Section 511.

#### 3. EQUIPMENT.

- A. Hammer. See Section 606.02.10 B.
- **B.** Sawing Equipment. See Section 606.02.10 C.
- C. Hydraulic Impact Equipment. See Section 606.02.10 D.

#### 4. CONSTRUCTION.

A. Remove Existing Materials. Remove the existing transverse joints, joint filler, and specified areas of concrete as shown on the plans or as directed by the Engineer. Clean and leave all existing steel reinforcement encountered in place. Damaged steel reinforcement will be repaired/replaced as directed by the Engineer at no additional cost to the Department.

Dispose of all removed material entirely away from the job site. This work is incidental to the contract unit price for "Eliminate Transverse Joint".

- **B.** Additional Steel Reinforcement. Furnish for this work steel reinforcing bars as shown on the plans. Splice these bars to the existing longitudinal reinforcement in the deck and curb/sidewalk in the areas of removed concrete to tie the slabs together as shown on the plans. Ensure that all exposed steel reinforcement is tied in accordance with Section 602.03.04 prior to pouring the new Class "M" concrete.
- C. Place New Concrete. Blast-clean all areas of existing concrete and structural steel to come in contact with new concrete until free of all laitance and deleterious substances immediately prior to the placement of the Class "M" Concrete. The surface areas of existing concrete to come in contact with the new Class "M" Concrete are to be coated with an epoxy bond coat immediately prior to placing new concrete in accordance with Section 511. The interfaces of the new and old concrete shall be as nearly vertical and horizontal as possible. Place new Class "M" Concrete to the specified grade and finish to receive the new overlay or as shown on the plans. On the sidewalk and curb, place the new concrete to original grade and finish to match the existing curb/sidewalk. Repair all pavement striping that is disturbed.
- **D. Stage Construction.** Installation of concrete in two (or more if specified) stages is necessary.

- **E. Residual Lead.** Residual lead paint may still be on bridge. The Contractor is advised to take all necessary protective measures including worker safety and environmental regulations when performing surface preparation. The Department will not consider any claims based on residual lead paint.
- **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 any and 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.

#### 5. MEASUREMENT.

- **A. Eliminate Transverse Joint.** The Department will measure the quantity in linear feet from plinth to plinth perpendicular to the centerline of the bridge.
- **B. Steel Reinforcement.** See Section 602.
- 6. PAYMENT.
  - A. Eliminate Transverse Joint (03300). Payment at the contract unit price per linear foot is full compensation for furnishing equipment, labor, tools, and materials needed to complete removal and disposal of the specified existing materials, cleaning and straightening of existing steel reinforcement, furnishing and installing the concrete, repairing traffic striping and all incidental items necessary to complete the work within the specified pay limits as specified by this note and as shown on the attached detail drawings.
  - B. Epoxy Coated Steel Reinforcement (08151). See Section 602.

#### **SPECIAL NOTE FOR DECK DRAIN RETROFIT**

#### 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. This work consists of: (1) Furnish all labor, materials, tools, and equipment, (2) Install Deck Drain Retrofit and (3) Any other work specified as part of this contract.

#### 2. MATERIALS.

- A. Poly-methyl Methacrylate (PMMA) (Type 1 and Type 3). Use new, commercial grade, <sup>1</sup>/<sub>4</sub>" thick Poly-methyl methacrylate known as acrylic glass or its various trade names, like Plexiglass®. The Engineer will base acceptance on visual inspection.
- **B.** Anchors. Will allow galvanized all-tread <sup>1</sup>/<sub>2</sub>"x6" or an approved alternate.
- C. Grout. See Section 511.
- **D. Epoxy Concrete Seal (Type 2).** Use a commercial grade epoxy concrete sealer.

#### **3.** CONSTRUCTION.

- A. Install PMMA Glass (Type 1 and Type 3). Place PMMA glass as shown in attached detail drawing.
- **B.** Apply Epoxy Concrete Sealer (Type 2). Clean and apply an epoxy concrete sealer as specified by the manufacture to the areas shown in the attached detailed drawings.
- C. Clean Deck Drains. All deck drains shall be clean of debris. All cost to clean the deck drains shall be considered incidental to the unit price bid for deck drain retrofit.
- **D.** 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.
- E. 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.

A. Deck Drain Retrofit. The Department will measure this quantity as each.

#### 5. PAYMENT.

A. Deck Drain Retrofit (24692EC). Payment at the contract unit price per each is full compensation for furnishing and installing new acrylic glass panels, and all incidental items necessary to complete the work within the specified pay limits as specified by this note and as shown on the attached detail drawing.

#### SPECIAL NOTE FOR CONTRACT COMPLETION DATE AND PENALTIES ON BRIDGE REPAIR CONTRACTS

#### 1. COMPLETION DATE.

The Contractor has the option of selecting the starting date for this Contract. Once selected, notify the Department in writing of the date selected at least two weeks prior to beginning work. All work is to be completed by the date listed below. An allotted number of Calendar days are assigned to each structure in this contract as shown below.

<u>STRUCTURE</u>	NO. OF CALENDAR DAYS	COMPLETION DATE
024B00027N	45	November 15, 2025
024B00016N	30	November 15, 2025

Contrary to Section 108.07.03, the Engineer will begin charging calendar days for a structure on the day the Contractor starts work or sets up traffic control on that particular structure. A **penalty of \$500.00 per day** will be assessed when the allotted number of calendar days is exceeded for each structure.

All construction must be completed in accordance with the weather limitations specified in Section 606 and/or Section 601 as applicable. No extension of Contract time will be granted due to inclement weather or temperature limitations that occur due to starting work on the Contract or a structure late in the construction season.

#### 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-110, TTC-115 or TTC-120. The minimum clear lane width required is as follows:

Structure	Clear Lane Width
024B00027N	12'-0"
024B00016N	9'-6''

#### 6. TEMPORARY CONCTETE BARRIERS.

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. (024B00027N)

#### 7. TEMPORARY SIGNAL.

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. (024B00016N)

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

#### 8. 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".
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".

# 9. 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.

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.

#### Special Note for Bridge Demolition, Renovation and Asbestos Abatement

If the project includes any bridge demolition or renovation, the successful bidder is required to notify Kentucky Division for Air Quality (KDAQ) via filing of form (DEP 7036) a minimum of 10 working days prior to commencement of any bridge demolition or renovation work.

Any available information regarding possible asbestos containing materials (ACM) on or within bridges to be affected by the project has been included in the bid documents. These are to be included with the Contractor's notification filed with the KDAQ. If not included in the bid documents, the Department will provide that information to the successful bidder for inclusion in the KDAQ notice as soon as possible. If there are no documents stating otherwise, the bidders should assume there are no asbestos containing materials that will in any way affect the work.

Andy Beshear

GOVERNOR



Jim Gray SECRETARY

# **Asbestos Inspection Survey**

To: Tom Mathews

District: Central Office

Date: February 20, 2025

Conducted By: O'Dail Lawson

Report Prepared By: O'Dail Lawson

#### **Project and Structure Identification**

Project Number: Christian CID 252963

Structure ID: 024B00016N

Structure Location: KY 107 WB (Greenville Road) over Little River

Sample Description: Any suspect materials collected were negative for asbestos.

Inspection Date: February 12, 2025

#### **Results and Recommendations**

This asbestos survey was performed in accordance with the current USEPA regulations, specifically <u>40 CFR Part 61</u>, Asbestos National Emissions Standards for Hazardous Air Pollutants (NESHAP) revision, final rule effective November 20, 1990.

The results of the samples collected were negative for the presence of asbestos above 1%. <u>No</u> <u>abatement is required at this time</u>. However, the <u>OSHA Standard 1926.1101</u> applies if any level of asbestos is present in the samples collected.

It is recommended that this report accompany the 10-Day Notice of Intent for Demolition (<u>Notification Form DEP 7036</u>) which is to be submitted to the Kentucky Division of Air Quality prior to abatement, demolition, or renovation of any building or structure in the Commonwealth. This form can be submitted electronically at the <u>EEC Forms Homepage</u>



# MRS, INC. MRS, IN

MRS, Inc. Analytical Laboratory Division

332 West Broadway / Suite # 902 Louisville, Kentucky - 40202 - 2133

(502) 568 - 2088 or (502) 495 - 1212 (502) 495 - 0566

Fax: (502) 495 - 056

#### BULK SAMPLE ASBESTOS ANALYSIS

Analysis N## 3502192 AAddress:Christian County - 024B00016NClient Name:K Y T CSampled By:O'Dail Lawson

			%	FIBROUS	ASBESTOS		% NON-ASBESTOS FIBERS				
Sample ID	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 16 - 1	Black	Yes	No				None				100%
	}			}							

Methodology : EPA Method 600/R-93-116

Date Analyze	ed :	19-Feb-25
Analyst	:	Winterford Mensah

Reviewed By:

Vintegens Mencals.

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

AIHA # 102459

AJHA #1 02459

CHRISTIAN C 024GR25M03	Received at Lab By:	Relinquished By:	Received By:	Relinquished By:			16-1 Join Companno	Sample ID Sample Description	Project ID Christian (	Phone: Fax: PO#:	O'Dail Lawson <u>o'dail.lawson@ky.gov</u> W4-06-06 Address: 200 Mero Street Frankfort KY	KENT
KYTC Asbe	March 2/13/25	Date/Time:	Date/Time:	Date/Time:			2/10/25 1	Collected Date Time	024 B00016N	502-564-5655 N/A = Not Applicable	Client Information Area Square footage:	<b>XENTUGAR</b> 200 Mero S Frankfort, H (502) 564-7
KYTC Asbestos COC 3.3.23							bulk	Analysis Requested	Went Lover	Samplers (signature):	KY TRANSPORTATION CABINET	200 Mero Street, 4th Floor West Frankfort, Kentucky 40622 (502) 564-7250 fax (502) 564-5655
Page 1						/	N/A	Matrix Color Cont. Type Preservative			(Greenwill Posso) over Linke River	

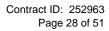
Chain of Custody Record Kentucky Transportation Cabinet

200 Mero Street, 4th Floor West Frankfort, Kentucky 40622 (502) 564-7250 fax (502) 564-5655

Contract ID: 252963 Page 27 of 51

Andy Beshear

GOVERNOR





Jim Gray SECRETARY

**Asbestos Inspection Survey** 

To: Tom Mathews

District: Central Office

Date: February 20, 2025

Conducted By: O'Dail Lawson

Report Prepared By: O'Dail Lawson

#### **Project and Structure Identification**

Project Number: Christian CID 252963

Structure ID: 024B00027N

Structure Location: US 41 Alt (Fort Campbell Boulevard) over South Fork Little River

Sample Description: Any suspect materials collected were negative for asbestos.

Inspection Date: February 12, 2025

#### **Results and Recommendations**

This asbestos survey was performed in accordance with the current USEPA regulations, specifically <u>40 CFR Part 61</u>, Asbestos National Emissions Standards for Hazardous Air Pollutants (NESHAP) revision, final rule effective November 20, 1990.

The results of the samples collected were negative for the presence of asbestos above 1%. <u>No</u> <u>abatement is required at this time</u>. However, the <u>OSHA Standard 1926.1101</u> applies if any level of asbestos is present in the samples collected.

It is recommended that this report accompany the 10-Day Notice of Intent for Demolition (<u>Notification Form DEP 7036</u>) which is to be submitted to the Kentucky Division of Air Quality prior to abatement, demolition, or renovation of any building or structure in the Commonwealth. This form can be submitted electronically at the <u>EEC Forms Homepage</u>



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Fax: (502) 495 - 0566

#### BULK SAMPLE ASBESTOS ANALYSIS

Analysis N## 3502192 BAddress:Christian County - 024B00027NClient Name:K Y T CSampled By:O'Dail Lawson

			%	FIBROUS	ASBESTOS		% NON-ASBESTOS FIBERS				
Sample ID	Color	Layered	Fibrous	Chrysotile	Amosite	crocidolite	Others	Cellulose	Fiberglass	Syn. Fiber	Other/Mat.
# 27 -1	Black	Yes	No				None				100%

Methodology : EPA Method 600/R-93-116

Date Analyze	ed :	19-Feb-25
Analyst	:	Winterford Mensah

Reviewed By:

Vintegers Mencaly

The test relates only to the items tested. This report does not represent endorsement by NVLAP or any agency of the U.S Government. Partial Reproduction of any part of this report is strictly prohibited. Samples shall be retained for (30) days.

AIHA # 102459

AJHA #1 02459

		2/12/25	Ton all and on	N CC M035
		Date/Time:		Received at Lab By:
		Date/Time:		Relinquished By: ≻
		Date/Time:		Received By:
		Date/Time:		Relinquished By:
bitumic Idrale N/A	Ashesny bulk	([:3}	(on louns gund) was	27-1 Join
	Analysis Requested	Time	Da	Sample ID Sample Description
Matrix Color Cont.		Collected	0	
ferm	Alden	NLE	Whissian Ortho 000 27 N	Project ID
	Samplers (signature):			PO#:
		of Applicable	KY Eav: 502 564 5655 N/A = Not Applicable	Frankfort
(tom campbell 1010) over		Area Square footage:	ν. 	W4-06-06 Address: 200 Mero Street
	KY TRANSPORTATION CABINET		O'Dail Lawson o'dail.lawson@ky.gov Client I	O'Dail Lawson

# Chain of Custody Record Kentucky Transportation Cabinet

Kentucky Transportation Cabi 200 Mero Street, 4th Floor West Frankfort, Kentucky 40622 (502) 564-7250 fax (502) 564-5655

ENTU

2

Contract ID: 252963 Page 30 of 51

	Conducted at: 1520 Alliant Ave., Louisville, KY Name Training Manager	Training was in accordance with 40 CFR Part 763 (AHERA) approved by the Commonwealth of Kentucky, the Indiana Department of Environmental Management, Tennessee Department of Environment & Conservation and The Arkansas Department of Environmental Quality. The above student received requisite training for Asbestos Accreditation under Title II of the Toxic Substance Act (TSCA).	ASBESTOS INSPECTOR REFRESHER	has on 03-13-2024 attended and successfully completed the requirements and passed the score of 70% or better on the entitled course.	O'Dail Lawson	Certification Number: ETC-AIR-031324-00278	ENVIRONMENTAL TRAINING CONCEPTS, INC P.O Box 99603 Louisville, KY 40269 (502)640-2951	Ó.S.
	ExpirationsPare: 03-13-2025 Mame - Instructor	Commonwealth of Kentucky, the Indiana ironment & Conservation and The d requisite training for Asbestos	SHER	ents and passed the examination with a course.	On		INC	ß
(2.50)	$\mathcal{L}$		18.	R			L.	5023

# 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	134.00	SQFT
0115	02650	MAINTAIN & CONTROL TRAFFIC 000B00000X	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	2.00	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	23.00	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

# MATERIAL SUMMARY

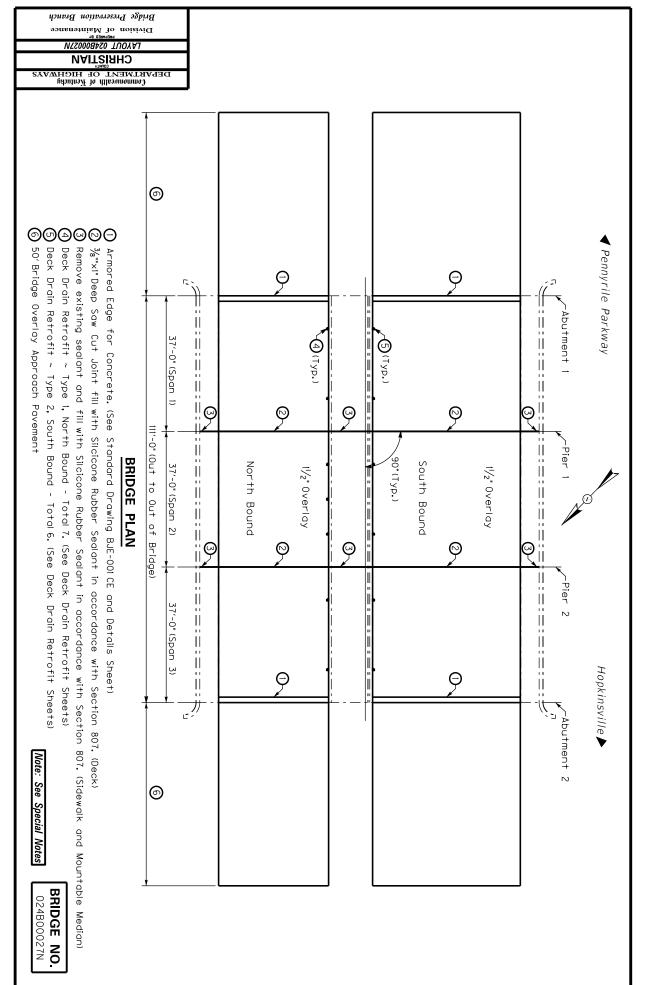
#### CONTRACT ID: 252963

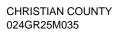
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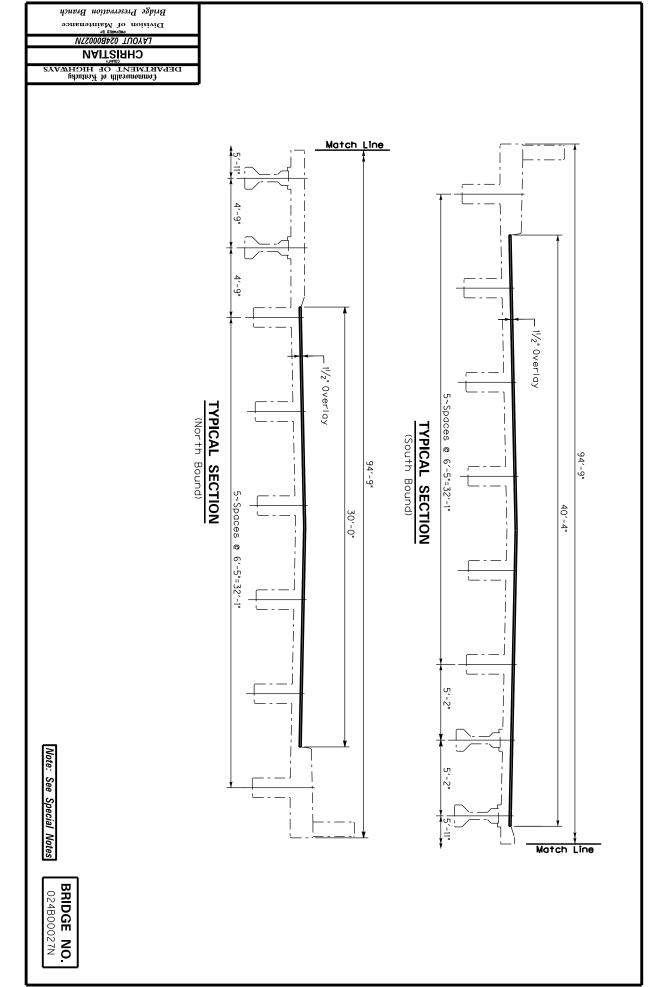
MB02401072501

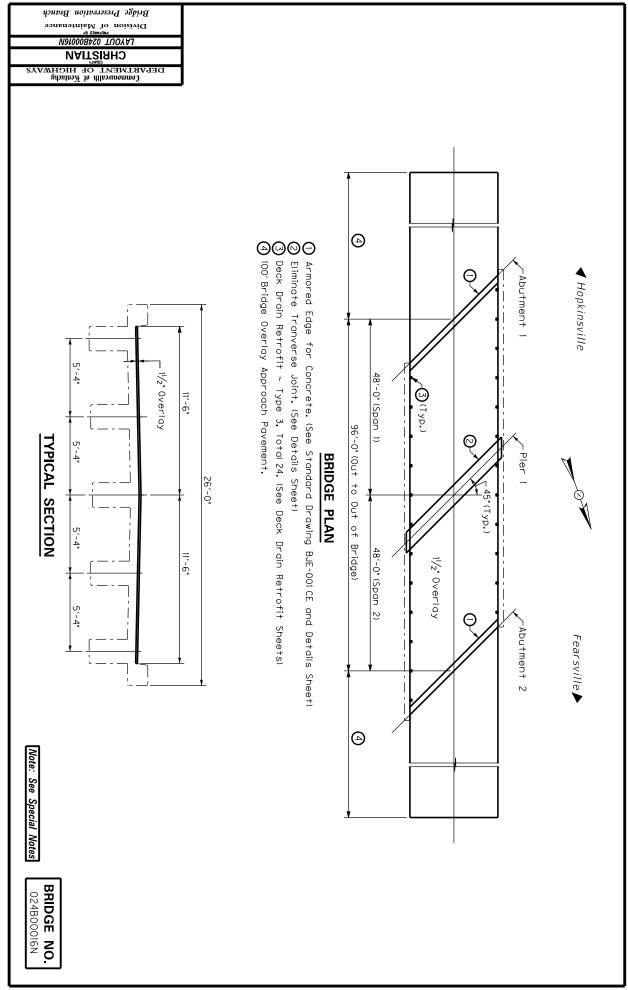
GREENVILLE ROAD (KY 107) BRIDGE 024B00016N OVER LITTLE RIVER AT MP 23.00 BRIDGE DECK RESTORATION & WATERPROOFING.

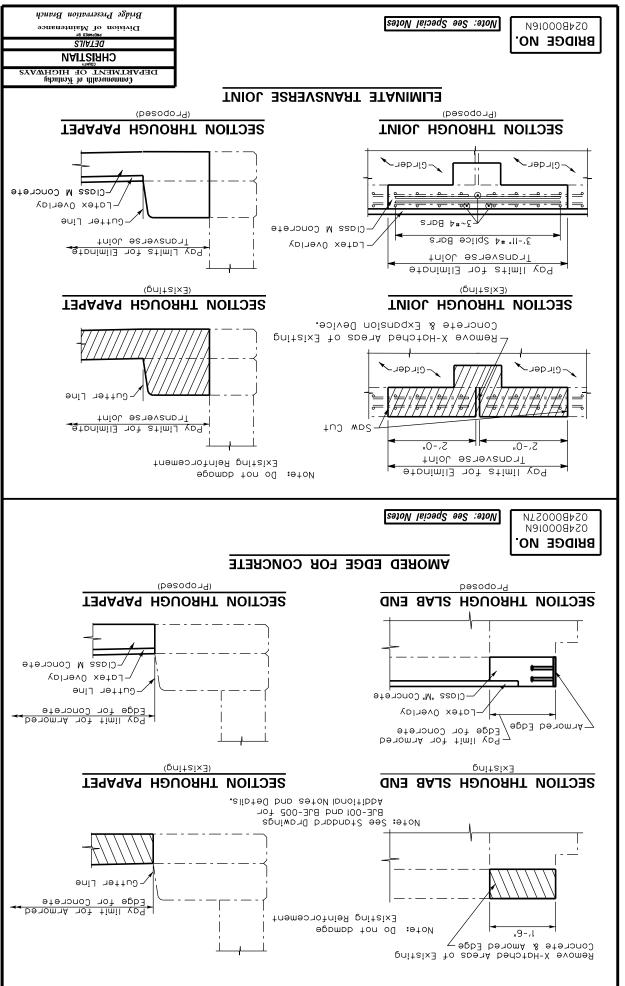
Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	02562	TEMPORARY SIGNS	100.00	SQFT
0010	02650	MAINTAIN & CONTROL TRAFFIC 030B00000X	1.00	LS
0015	02653	LANE CLOSURE	2.00	EACH
0020	03299	ARMORED EDGE FOR CONCRETE	46.00	LF
0025	03300	ELIMINATE TRANSVERSE JOINT	23.00	LF
0030	03304	BRIDGE OVERLAY APPROACH 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-LATEX030B00096N	10.20	CUYD
0800	08549	BLAST CLEANING	317.00	SQYD
0085	08551	MACHINE PREP OF SLAB	246.00	SQYD
0090	24094EC	PARTIAL DEPTH PATCHING	7.00	CUYD
0095	24692EC	DECK DRAIN RETROFIT - TYPE 3	24.00	EACH
0100	02569	DEMOBILIZATION	1.00	LS

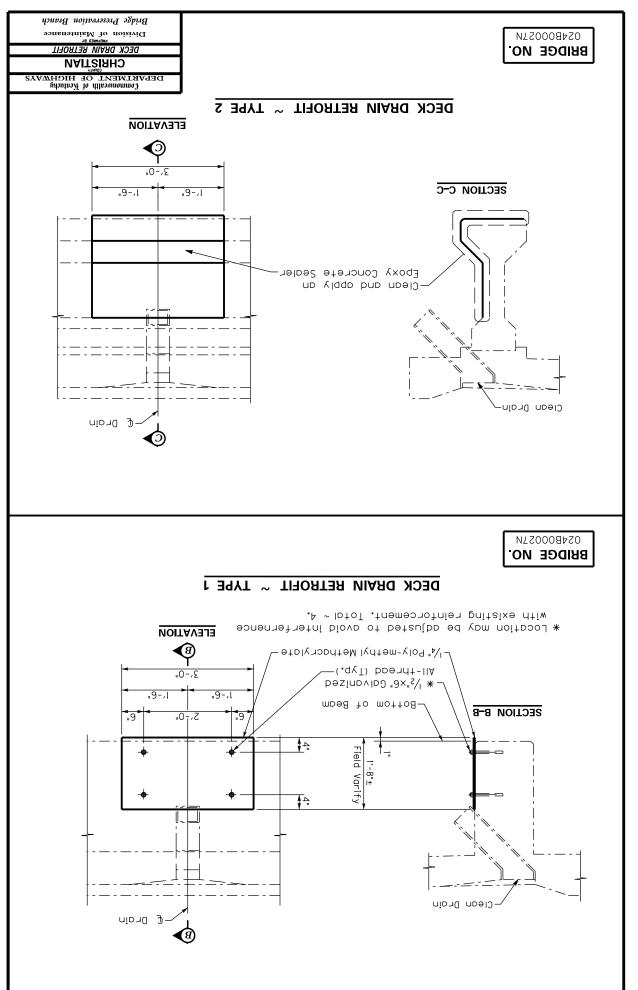


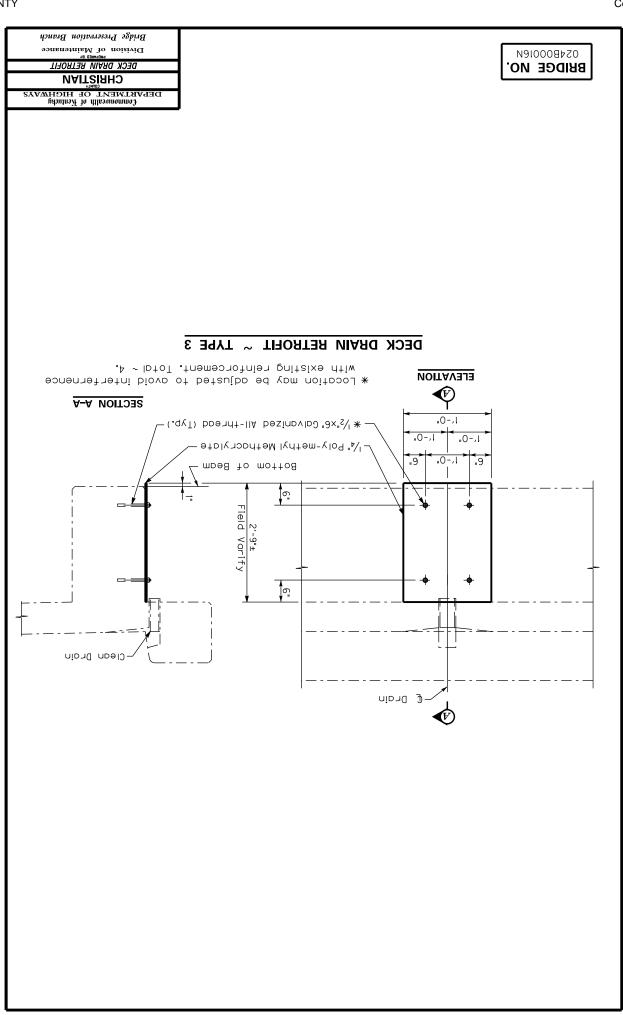


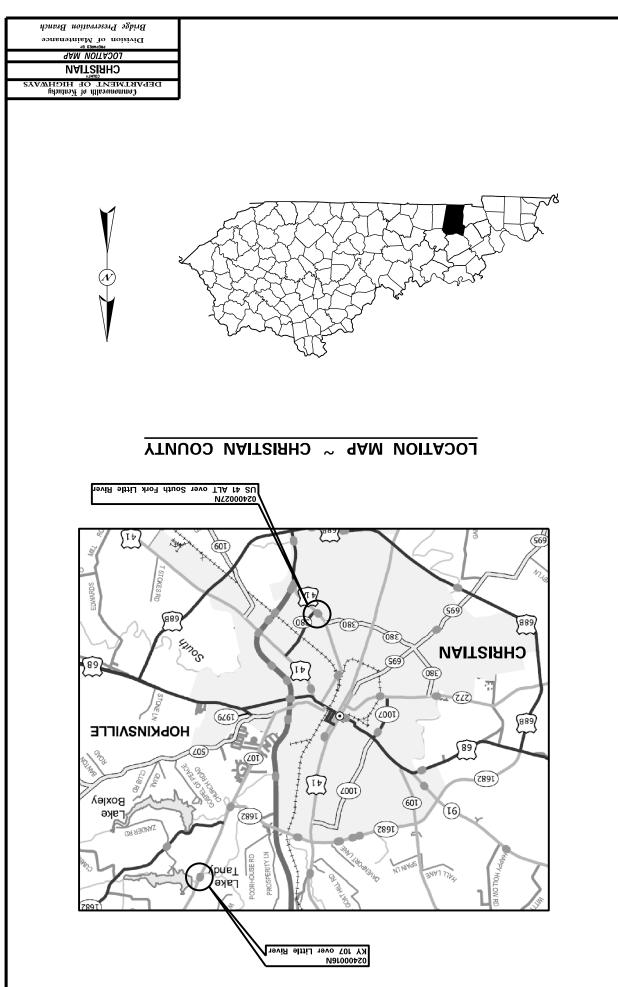












## PART II

## SPECIFICATIONS AND STANDARD DRAWINGS

### STANDARD SPECIFICATIONS

Any reference in the plans or proposal to previous editions of the *Standard Specifications* for Road and Bridge Construction and Standard Drawings are superseded by Standard Specifications for Road and Bridge Construction, Edition of 2019 and Standard Drawings, Edition of 2020.

### **SUPPLEMENTAL SPECIFICATIONS**

The contractor shall use the Supplemental Specifications that are effective at the time of letting. The Supplemental Specifications can be found at the following link: <a href="http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx">http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx</a>

### STANDARD DRAWINGS THAT APPLY DISTRICT NO. 2 CHRISTIAN BRIDGE DECK RESTORATION AND WATERPROOFING CID 252963 ~ 025GR26M035

### TRAFFIC ~ *TEMPORARY* ~ <u>TRAFFIC CONTROL</u>

LANE CLOSURE TWO LANE HIGHWAY LANE CLOSURE USING TRAFFIC SIGNALS LANE CLOSURE MULTI-LANE HIGHWAY CASE II TTC-100 C.E. TTC-110 C.E. TTC-120 C.E.

### **ROADWAY** STANDARDS

DELINEATORS FOR CONCRETE BARRIERSRBM-020 C.E.CONCRETE MEDIAN BARRIER WALL TYPE 9T (TEMPORARY)RBM-115 C.E.BOX BEAM STIFFENING PF TEMPORARY CONCRETE BARRIERRBM-120 C.E.

# BRIDGES

## STANDARDS

BRIDGE RESTORATION AND WATERPROOFING WITH CONCRETE OVERLAYS AMORED EDGES

BGX-009 C.E. BJE-001 C.E.

## PART III

## EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

#### TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

#### LABOR AND WAGE REQUIREMENTS APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS

#### I. Application

II. Nondiscrimination of Employees (KRS 344)

#### I. APPLICATION

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.

3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

#### II. NONDISCRIMINATION OF EMPLOYEES

#### AN ACT OF THE KENTUCKY GENERAL ASSEMBLY TO PREVENT DISCRIMINATION IN EMPLOYMENT KRS CHAPTER 344 EFFECTIVE JUNE 16, 1972

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (forty and above); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age forty (40) and over. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, except that such a notice or advertisement may indicate a preference, limitation, or specification based on religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, when religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, is a bona fide occupational qualification for employment. 3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual because of his race, color, religion, national origin, sex, disability or age forty (40) and over, in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administrating agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

Revised: January 25, 2017

### **EXECUTIVE BRANCH CODE OF ETHICS**

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (7) provides:

No present or former public servant shall, within six (6) months following termination of his office or employment, accept employment, compensation, or other economic benefit from any person or business that contracts or does business with, or is regulated by, the state in matters in which he was directly involved during the last thirty-six (36) months of his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, or for which he received, prior to his state employment, a professional degree or license, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved during the last thirtysix (36) months of his tenure in state government. This subsection shall not prohibit the performance of ministerial functions, including but not limited to filing tax returns, filing applications for permits or licenses, or filing incorporation papers, nor shall it prohibit the former officer or public servant from receiving public funds disbursed through entitlement programs.

KRS 11A.040 (9) states:

A former public servant shall not represent a person or business before a state agency in a matter in which the former public servant was directly involved during the last thirty-six (36) months of his tenure, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, 1025 Capital Center Drive, Suite 104, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: May 23, 2022

## Kentucky Equal Employment Opportunity Act of 1978

The requirements of the Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) shall apply to this Contract. The apparent low Bidder will be required to submit EEO forms to the Division of Construction Procurement, which will then forward to the Finance and Administration Cabinet for review and approval. No award will become effective until all forms are submitted and EEO/CC has certified compliance. The required EEO forms are as follows:

- EEO-1: Employer Information Report
- Affidavit of Intent to Comply
- Employee Data Sheet
- Subcontractor Report

These forms are available on the Finance and Administration's web page under *Vendor Information, Standard Attachments and General Terms* at the following address: <u>https://www.eProcurement.ky.gov</u>.

Bidders currently certified as being in compliance by the Finance and Administration Cabinet may submit a copy of their approval letter in lieu of the referenced EEO forms.

For questions or assistance please contact the Finance and Administration Cabinet by email at **finance.contractcompliance@ky.gov** or by phone at 502-564-2874.

OVERTIME PAY CHILD LABOR	FEDERAL MINIMUM WAGE \$7,25 PER HOUR BEGINNING JULY 24, 2009 At least 1 <sup>1</sup> / <sub>2</sub> times your regular rate of pay for all hours worked over 40 in a workweek. An employee must be at least 16 years old to work in most non-farm jobs and at least 18 to work in non-farm jobs declared hazardous by the Secretary of Labor. Youths 14 and 15 years old may work outside school hours in various non-manufactur- ing, non-mining, non-hazardous jobs under the following conditions: No more than
	An employee must be at least <b>16</b> years old to work in most non-farm jobs and at least <b>18</b> to work in non-farm jobs declared hazardous by the Secretary of Labor. Youths <b>14</b> and <b>15</b> years old may work outside school hours in various non-manufactur- ing, non-mining, non-hazardous jobs under the following conditions:
CHILD LABOR	<ul><li>18 to work in non-farm jobs declared hazardous by the Secretary of Labor.</li><li>Youths 14 and 15 years old may work outside school hours in various non-manufacturing, non-mining, non-hazardous jobs under the following conditions:</li></ul>
	ing, non-mining, non-hazardous jobs under the following conditions:
	No more than
	<ul> <li>3 hours on a school day or 18 hours in a school week;</li> <li>8 hours on a non-school day or 40 hours in a non-school week.</li> </ul>
	Also, work may not begin before <b>7 a.m.</b> or end after <b>7 p.m.</b> , except from June 1 through Labor Day, when evening hours are extended to <b>9 p.m.</b> Different rules apply in agricultural employment.
TIP CREDIT	Employers of "tipped employees" must pay a cash wage of at least \$2.13 per hour if they claim a tip credit against their minimum wage obligation. If an employee's tips combined with the employer's cash wage of at least \$2.13 per hour do not equal the minimum hourly wage, the employer must make up the difference. Certain other conditions must also be met.
ENFORCEMENT	The Department of Labor may recover back wages either administratively or through court action, for the employees that have been underpaid in violation of the law. Violations may result in civil or criminal action.
	Employers may be assessed civil money penalties of up to \$1,100 for each willful or repeated violation of the minimum wage or overtime pay provisions of the law and up to \$11,000 for each employee who is the subject of a violation of the Act's child labor provisions. In addition, a civil money penalty of up to \$50,000 may be assessed for each child labor violation that causes the death or serious injury of any minor employee, and such assessments may be doubled, up to \$100,000, when the violations are determined to be willful or repeated. The law also prohibits discriminating against or discharging workers who file a complaint or participate in any proceeding under the Act.
ADDITIONAL INFORMATION	<ul> <li>Certain occupations and establishments are exempt from the minimum wage and/or overtime pay provisions.</li> <li>Special provisions apply to workers in American Samoa and the Commonwealth of the Northern Mariana Islands.</li> <li>Some state laws provide greater employee protections; employers must comply with both</li> <li>The law requires employers to display this poster where employees can readily see it.</li> <li>Employees under 20 years of age may be paid \$4.25 per hour during their first 90 consecutive calendar days of employment with an employer.</li> <li>Certain full-time students, student learners, apprentices, and workers with disabilities may be paid less than the minimum wage under special certificates issued by the Department of Labor.</li> </ul>
	For additional information:
	(1-866-487-9243) TTY: 1-877-889-5627 U.S. Wage and Hour Division <b>V.WAGEHOUR.DOL.GOV</b>

U.S. Department of Labor | Wage and Hour Division

## PART IV

## **BID ITEMS**

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### **PROPOSAL BID ITEMS**

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## 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	134.00	SQFT		\$	
0030	02650	MAINTAIN & CONTROL TRAFFIC - 000B00000X	1.00	LS		\$	
0040	02653	LANE CLOSURE	4.00	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	2.00	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	23.00	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	100.00	SQFT		\$	
0260	02650		MAINTAIN & CONTROL TRAFFIC - 030B00000X	1.00	LS		\$	
0270	02653		LANE CLOSURE	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		\$	
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		\$	

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## **PROPOSAL BID ITEMS**

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LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	08534	CONCRETE OVERLAY-LATEX -030B00096N	10.20	CUYD		\$	
0400	08549	BLAST CLEANING	317.00	SQYD		\$	
0410	08551	MACHINE PREP OF SLAB	246.00	SQYD		\$	
0420	24094EC	PARTIAL DEPTH PATCHING	7.00	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		\$	