



CALL NO. 408

CONTRACT ID. 232951

CARTER COUNTY

FED/STATE PROJECT NUMBER 022GR23M025

DESCRIPTION VARIOUS ROUTES IN CARTER COUNTY ~ 3 LOCATIONS

WORK TYPE BRIDGE PAINTING & CLEANING

PRIMARY COMPLETION DATE 11/15/2024

LETTING DATE: November 16,2023

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN STANDARD TIME November 16,2023. Bids will be publicly announced at 10:00 AM EASTERN STANDARD 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 - 09

CONTRACT ID - 232951

022GR23M025

COUNTY - CARTER

PCN - MB02200072301

FE02 022 0007 B00112N 09.54

CAROL MALONE BLVD. (KY 7) BRIDGE 022B00112N OVER LITTLE SANDY RIVER AT MP 09.54BRIDGE PAINTING & CLEANING

GEOGRAPHIC COORDINATES LATITUDE 38:18:53.00 LONGITUDE 82:57:21.00

ADT

PCN - MB02209862301

FE02 022 0986 B00127N 00.34

CROSS STREET (KY 986) BRIDGE 022B00127N OVER TYGARTS CREEK AT MP 00.34BRIDGE PAINTING & CLEANING

GEOGRAPHIC COORDINATES LATITUDE 38:17:58.00 LONGITUDE 83:10:26.00

ADT

PCN - MB02216612301

FE02 022 1661 B00017N 01.55

HIGHWAY 1661 (KY 1661) BRIDGE 022B00017N OVER LITTLE SANDY RIVER AT MP 01.55BRIDGE PAINTING & CLEANING

GEOGRAPHIC COORDINATES LATITUDE 38:17:10.00 LONGITUDE 82:58:39.00

ADT

COMPLETION DATE(S):

COMPLETED BY 11/15/2024

APPLIES TO ENTIRE CONTRACT

CONTRACT NOTES

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 [KRS 14A.9-010](#) to obtain a certificate of authority to transact business in the Commonwealth ("certificate") from the Secretary of State under [KRS 14A.9-030](#) 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 [KRS 14A.9-010](#), the foreign entity should identify the applicable exception. Foreign entity is defined within [KRS 14A.1-070](#).

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 <https://secure.kentucky.gov/sos/ftbr/welcome.aspx>.

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 fax (502) 564-7299 or email to kytc.projectquestions@ky.gov. 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 (www.transportation.ky.gov/contract). 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 contractor, as defined in KRS 45A.030 (9) 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 contract for the purpose of financial audit or program review. Records and other prequalification information confidentially

disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). 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.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004.

BOYCOTT PROVISIONS

If applicable, the contractor represents that, pursuant to [KRS 45A.607](#), 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 [KRS 11A.236](#) 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 [KRS 45A.328](#), 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.

October 4, 2023

1.0 BUY AMERICA REQUIREMENT.

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

10/26/2023

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.

[Buy America - Construction Program Guide - Contract Administration - Construction - Federal Highway Administration \(dot.gov\)](#)

October 26, 2023 Letting

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:_____

Printed Name:_____

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. 9
BRIDGE CLEANING AND PAINTING
CARTER COUNTY
CID 232951 ~ 022GR23M025**

FE02 022 1661 B00017N 01.55

Carter County ~ KY 1661 (HWY 1661) over Little Sandy River

Geographic Coordinates

Latitude: 38° 17' 10.00" (38.2862)

Longitude: -82° 58' 39.00" (-82.9776)

Description

200' Steel Truss Span, Drawing No. 08684

FE02 022 0007 B00112N 09.54

Carter County ~ KY 7 (Carol Malone Blvd.) over Little Sandy River

Geographic Coordinates

Latitude: 38° 18' 53.00" (38.3147)

Longitude: -82° 57' 21.00" (-82.9560)

Description

88'-123'-88' Steel Girder Spans, Drawing No. 18336

FE02 022 0986 B00127N 00.34

Carter County ~ KY 986 (Cross Street) over Tygarts Creek

Geographic Coordinates

Latitude: 38° 17' 58.00" (38.2994)

Longitude: -83° 10' 26.00" (-83.1738)

Description

3~59' Steel Girder Spans, Drawing No. 19520

SPECIAL NOTES FOR CLEANING AND PAINTING

SPECIAL NOTE FOR BIDDING PREQUALIFICATION AND STAFFING

SPECIAL NOTE BRIDGE CLEANING AND PAINTING

SPECIAL NOTE BRIDGE CLEANING AND PREVENTIVE MAINTENANCE

SPECIAL NOTE FOR UTILITIES AND SIGNS

SPECIAL NOTE FOR WEIGHT LIMITS ON STRUCTURE

SPECIAL NOTE FOR JOINT SEAL REPLACEMENT

SPECIAL NOTE FOR BRIDGE DECK RESTORATION AND WATERPROOFING
WITH CONCRETE OVERLAYS

SPECIAL NOTE FOR MAINTAINING AND CONTROLLING TRAFFIC

SPECIAL NOTE FOR BIDDING PREQUALIFICATION AND STAFFING

Bidders shall be Pre-qualified under I18B – Bridge Painting to have a bid opened and read.

The contractor(s) and or subcontractor(s) performing painting operations shall retain staff meeting the requirements listed below for the duration of this contract. Any production work conducted while not meeting these requirements shall not be eligible for payment. The contractor(s) and or subcontractor(s) performing painting operations personnel shall have been directly responsible for field operations of a structure painting project containing the requirements listed below.

1. A structure over a river or having multiple structures (more than three)
2. Having specific containment requirements
3. Maintaining vehicular traffic.

The projects shall have been completed to the facility owners' satisfaction.

The Contractor(s) and or Subcontractor(s) performing the repair operations required in this contract (not paint related) shall be Pre-qualified for the appropriate work items.

SPECIAL NOTE BRIDGE CLEANING AND PAINTING

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) Cleaning and Painting and (3) Any other work specified as part of this contract.

2. CONSTRUCTION.

All structural steel shall be cleaned and painted in accordance with the Kentucky Transportation Cabinet, Department of Highways Standard Specifications for Road and Bridge Construction (current edition) Section 614.

All structural steel shall be Abrasive Blast Cleaned and Painted. See Section 614.03.09 for Abrasive Blast Cleaning and Painting.

3. RECYCABLE MATERIAL.

Contrary to Section 614.03.09 section 5 transport and recycling the Contractor shall send all recyclable debris and complete their supplier profile form to the recycler listed below instead of the supplier profile form from the Division of Construction's website given.

The recycler is: The Doe Run Company: Resource Recycling Division, HC1 Box 1395, HWY 10K, Boss, MO 65440, phone (573) 626-4813, fax (573) 626-3304, email www.doerun.com. The contractor will complete the Doe Run Supplier Profile Form and provide copies of it to both Doe Run and the Engineer prior to transporting the surface preparation debris.

The Contractor shall confirm that Doe Run will be accepting the recyclable debris before preparing their bid. Should Doe Run not be accepting the recyclable debris, the Contractor shall be responsible for classification of the recyclable debris.

If the recyclable debris is determined to be hazardous material, the Contractor shall dispose of the material as addressed in section 614.03.09 under "**Hazardous Waste**".

If the recyclable debris is determined to be non-hazardous material, it shall be disposed of as construction debris as addressed in section 614.03.09 under "**Industrial Waste**".

4. SEQUENCING.

All work required for the repairs specified in this must be completed prior to any cleaning and painting production operations commence.

5. FINISH COAT COLOR.

Contrary to Section 614. The finish coat shall be Grass Green and shall meet the following values.

$L^* = 58.30$ $a^* = -21.64$ $b^* = 12.26$

Federal Standard 595 Color FS X4272. See Section 821.

6. DAMAGE TO STRUCTURE.

The Contractor shall bear all responsibility and expense for any and all damage to the structure during the painting work, even to the removal and replacement of a fallen span, should the fallen span result from the Contractors actions.

SPECIAL NOTE FOR PREVENTIVE MAINTENANCE

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) Bridge Cleaning, (3) Concrete Coatings and (4) Any other work specified as part of this contract.

2. MATERIALS.

A. Wash Water

Use clean potable water for all pressure washing.

B. Concrete Coatings

See The Division of Material's list of approved materials for concrete coatings and Section 821.

3. CONSTRUCTION.

A. Bridge Cleaning.

All debris shall be removed from the bridge components. See attached detailed drawings for each bridge addressing components having debris removal. Equipment for removing debris from the bridge components shall be determined by the Contractor, subject to the approval of the Engineer. The Contractor shall prevent any debris from entering any body of water, bridge drainage system, or traffic lanes. All debris removed shall be disposed of in a suitable off-site disposal facility. Prior to all cleaning work, the Contractor shall confirm that any bridge drainage system is not blocked by un-removable debris. A blocked drainage system is considered to be one from which debris cannot be removed using the means specified in this note. If the Engineer has been notified and concurs that the drainage system is blocked prior to performing other cleaning work, then proceed at the direction of the engineer. If the Contractor does not inspect the bridge drainage system and notify the engineer prior to beginning work any blocked drains will be considered to be the result of the Contractor's operations, and all clearing and cleaning of the drainage system shall be done as part of the work of the specification. All vegetation present at areas of the bridge that are to be addressed in this proposal shall be removed as determined by the Engineer.

All cost to complete Debris Removal, Clean Deck Drains and Remove Vegetation shall as specified shall be included in the Lump Sum price for "Bridge Cleaning".

B. Pressure Washing.

Specified bridge components shall be pressure washed. See attached detailed drawings for each bridge addressing components to be pressure washed. All equipment for pressure washing shall be operated at a minimum pressure of up 4,000 psi with 0-degree spinner tip and/or fan tips as determined by the engineer at the working location with a minimum flow rate of 3.5 gal/minute provided that these pressures do not damage any components of the structure. Pressure and flow rates shall be reduced to a level satisfactory to the Engineer should any damage occur due to power washing procedures. Pressure washing shall be operated at distance of approximately six inches from and perpendicular to the surface. All pressure washing wands shall be equipped with a gauge to accurately determine the amount pressure used. Pressure washing of any bridge element will proceed from top of wash area to bottom of wash area. Wash water will not be released to a bridge element previously washed. Perform all pressure washing at temperatures above 40 degrees Fahrenheit.

All cost to complete Pressure Washing as specified shall be included in the Lump Sum price for "Bridge Cleaning".

C. Concrete Coatings Application.

Specified bridge components shall have concrete coating applied to as specified after debris removal and power washing. See attached detailed drawings for addressing the bridge components. Use compressed air to remove any loose debris from the surfaces that are to be coated after power washing. See concrete coating diagram.

All coatings shall be applied within manufacturers recommended dry film thickness range. For recommended conditions for application, see Section 614.03.02 and coatings supplier specifications. Allow the surfaces to be coated to dry before any coating is applied. The coating must be applied to a clean and dry surface. All coating application shall be executed using brushes, rollers, etc. No spray application will be permitted.

The Department requires acceptance testing of samples obtained on a per-lot basis per-shipment. The Division of Materials will perform acceptance testing. See Section 821.04.

The finish coat shall be Light Gray for Concrete. See Section 821.02.

All cost to complete Concrete Coating Application as specified shall be included in the Lump Sum price for "Concrete Coatings".

D. Sequence of Work.

Complete work in the sequence listed below:

1. Debris Removal
2. Pressure Washing
3. Concrete Coating Application

E. Inspection.

The Cabinet will provide inspection for all items required in this contract. Visual inspection will be required upon completion of each work item for each structure component or at the discretion of the Engineer at any time. All visual inspection shall be performed within arm's length distance.

1. Debris Removal: Visual Inspection.

2. Power Washing: Visual Inspection.

3. Concrete Coating:

Prime Coat Application Check for wet film thickness*, and defects in the Paint.

Finish Coat Application Check for wet film thickness*, paint appearance, color and quality of application.

F. Verifying Field Conditions.

The Contractor shall be familiar with all conditions at each bridge site. The Cabinet will not consider any claims due to the Contractor having not familiarized themselves with requirements of this work.

G. 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.

H. 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 the removal and replacement of a fallen span, should the fallen span result from the contractors actions.

4. MEASUREMENT.

A. Bridge Cleaning.

The Cabinet will measure this item by Lump Sum, completed and accepted.

B. Concrete Coating.

The Cabinet will measure this item by Lump Sum, completed and accepted.

5. PAYMENT.

A. Bridge Cleaning (24981EC).

Payment at the contract unit price for "Lump Sum" is full compensation for Debris Removal, Deck Drain Cleaning, Pressure Washing and all incidental items required to complete this with as specified in this note and attached detailed drawings.

B. Concrete Coating (24982EC).

Payment at the contract unit price for "Lump Sum" is full compensation for applying the concrete coatings and all incidental items required to complete this work as specified in this note and attached detailed drawings.

SPECIAL NOTE FOR UTILITIES AND SIGNS

All utilities, traffic signs shall be maintained and protected from damage.

All electric power that may on the structure shall be de-energized. The Contractor shall coordinate with the Department to have the power de-energized.

SPECIAL NOTE FOR WEIGHT LIMITS ON STRUCTURE

022B00017N is rated at **34** tons.

022B00112N is rated at **61** tons.

022B00127N is rated at **40** tons.

No equipment, materials, vehicles, trailers nor combination of thereof exceeding the load rating of each structure listed above shall be placed on or drive across the structure. If the Contractor chooses to stage from the bridge deck, he must submit a plan for approval by the KYTC Engineer showing placement and weight of all equipment.

SPECIAL NOTE FOR JOINT SEAL REPLACEMENT

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) Remove existing joint seal; (3) Install joint seal as specified and (4) Any other work specified as part of this contract.

2. MATERIALS.

A. Expansion Joint Seals.

1" ~ SSI SES 112, Watson Bowman Acme FS-100 or BEJS BEJS-ON-A-Reel

2" ~ SSI SES-200, Watson Bowman Acme FS-200 or BEJS EMSEAL (2").

4" ~ SSI SES-400, RJ Watson SF-400, Watson Bowman Acme SF-400 or
BEJS EMSEAL (4") or DS Brown V-400

3. CONSTRUCTION.

A. Remove Existing Materials.

Remove the existing joint seal. Armored edges to remain.

B. New Joint Material. Use a system listed in 2. Materials to reseal joints. Install as recommended from the manufacture. Provide the engineer with the manufacture's documents for installation

C. Verifying Field Conditions. The Contractor shall field verify all joint openings, locations and manufacture before ordering any material. New material that is unsuitable due to variation in existing structure shall be replaced at the Contractors expense.

4. MEASUREMENT.

A. JOINT SEAL REPLACEMENT. The Department will measure the quantity in linear feet from gutter line to gutter line along the centerline of the joint. The Department will not measure the portion of the new seal extending through the barrier. The portion of the joint seal extending through the barriers will be considered incidental.

5. PAYMENT.

A. JOINT SEAL REPLACEMENT (23386EC) - Payment at the contract unit price per linear foot is full compensation for removing specified existing materials, furnishing and installing the new specified system, 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 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. Machine Preparation of Existing Slab.** Remove concrete from existing slab to a depth of at least ¼" below the existing surface, and remove all patches completely, in accordance with the requirements of Section 606.03.03.
 - B. Partial Depth Slab Repair and Latex Overlay.** Remove areas determined to be unsound by the Engineer via hydro-demolition or via handheld 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 the bridge:
- | | |
|-------------------|--|
| 022B00112N | (305'9" x 44' x 1.5") = 62.3 CY |
| 022B00127N | (183'8" x 26' x 1.5") = 22.1 CY |
- B. Machine Prep of Slab, 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. Machine Prep of Slab (08551).** The Department will make payment for the machine preparation of the existing slab.
- 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 MAINTAIN AND CONTROL TRAFFIC

All lane closures on this project shall be in accordance with Kentucky Department of Highways Standard Drawings **No. TTC-100, TTC-110 and the FHWA Manual for Uniform Traffic Control Devices (current editions) unless otherwise specified.** Lane closures should be used only when absolutely necessary and kept to the shortest duration possible in order to minimize disruption to the traveling public. No work will be conducted over unprotected traffic at any location. At the discretion of the Engineer, lane closures may be restricted on holiday weekends. The contractor must submit a traffic control plan for review and approval by the KYTC Engineer 14 days prior to the Pre-Construction Conference.

1. EMERGENCY REPAIRS AND COORDINATION WITH OTHER CONTRACTS.

In the event it becomes necessary to make emergency repairs at this project by state forces or by other outside contractors, the (painting) contractor agrees to alter his work pattern as directed by the engineer so as not to interfere with the emergency work. The contractor shall be required to coordinate his efforts with those of any other contractor in the construction area.

2. TRAFFIC CONTROL DEVICES

The contractor will be required to furnish all traffic control devices whenever his operations endanger or interfere with vehicular traffic as determined by the engineer. The contractor shall furnish any additional traffic control devices necessary to protect traffic and his workmen. Any costs associated with the added traffic control devices (including arrow boards) shall be incidental to the contract lump sum amount for "maintain and control traffic." Placement of all devices for lane closures shall start and proceed in the direction of flow of traffic. Removal of devices shall start at the end of the construction area and proceed toward oncoming traffic. The contractor shall provide for the installation of all necessary traffic control devices before beginning work and their immediate removal as soon as work is suspended or completed. During the fully operational periods, when no lane closures are permitted, all equipment shall be totally removed from the job site. Traffic control signs shall be removed or covered (if left in a curb lane).

3. VEHICLES

The contractor's vehicles shall always move with and not across or against the flow of traffic. Vehicles shall enter or leave work areas in a manner that will not be hazardous to or interfere with normal roadway traffic. Vehicles shall not park or stop except within designated work areas.

Personal vehicles will not be permitted to park within the state right-of-way. The contractor's vehicles will be prohibited from crossing the roadway and all pedestrian movement of the contractor's personnel on the roadway will be limited to within the closed work areas.

4. TRUCK MOUNTED ATTENUATOR

Any lane or shoulder closure will include the use of a Truck Mounted Attenuator placed between oncoming traffic and equipment or vehicles.

5. MISC.

The Contractor shall reduce the speed limit to **45 MPH** in areas signed for 55 MPH in and approaching the work zones unless otherwise noted.

The Engineer may elect to use Variable Message Boards when necessary.

6. DIVERSIONS (BYPASS DETOURS) ~ 022B00017N

The Contractor shall close the bridge to traffic and construct a detour to maintain traffic. See attached detailed drawing for the suggested detour plan. Once work on the structure begins that impacts traffic, ensure work progresses to minimize the effected time to the public. All materials that must be made specific for the project should be ordered and made prior to closure of the bridge so that delivery does not delay progress of the work until all materials that must be made specific for the project are ordered and made so that use of the detour is minimized. The diversion plan and project schedule shall be submitted as part of the traffic control plan. All cost to close the bridge and provide all detour items shall be included in the bid item for Diversions (Bypass Detours).

7. LANE CLOSURE ~ 022B00012N and 022B00127N

Maintain one usable 12-foot minimum lane for each bridge. Flagging or traffic signals shall be used. If traffic signals are used the Contractor shall use flagging to minimize impact on school bus traffic when school is in session. The Contractor shall be responsible for establishing the dates and times when school bus traffic will impact the job site. The Contractor will be permitted to briefly close the structure to traffic using flagging to move any **equipment that exceeds load rating only**. (See Special Note for Weight Limits on Structure) across the structure as directed by the Engineer. The equipment must be centered on the structure and shall not exceed 2 times the load rating for the structure.

8. MEASUREMENT.

A. Maintain and Control Traffic and Diversion (Bypass Detours): The Department will measure the quantity as "Lump Sum".

B. Portable Changeable Message Sign: The Department will measure the quantity for "Each".

9. PAYMENT.

A. Maintain and Control Traffic (02650), Diversions (Bypass Detours. (02671): Payment of the contract lump sum amount for "maintain and control traffic" shall be full compensation for all items necessary to maintain and control traffic as specified for this project. All traffic control items shall remain the property of the contractor when the work is complete.

B. Portable Changeable Message Sign (02671): Payment at "each" shall be full compensation to furnish, install, maintain and remove all portable message signs 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

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 406 01

Jim Gray
SECRETARY

Asbestos Inspection Survey

To: Tom Mathews
District: Central Office
Date: February 16, 2023
Conducted By: O'Dail Lawson
Report Prepared By: O'Dail Lawson

Project and Structure Identification

Project Number: Carter County
Structure ID: 022B00017N
Structure Location: KY 1661 over Little Sandy River
Sample Description: Any suspect materials collected were negative for asbestos.
Inspection Date: February 7, 2023

Results and Recommendations

The results of the samples collected were negative for the presence of asbestos above 1%.
No abatement is required at this time.

It is recommended that this report accompany the 10-Day Notice of Intent for Demolition ([Notification Form DEP 7036](#)) 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.

MRS, Inc. Analytical Laboratory Division

(502) 495-1212
Fax: (502) 491-7111

| | | | |
|--------------|---------------|----------|---------------------|
| Analysis N# | # 3302147 H | Address: | Carter - 022B00017N |
| Client Name: | KYTC | | |
| Sampled By: | O'Dail Lawson | | |

[illegible]

Date Analyzed : 14-Feb-23
Analyst : Winterford Mensah

Reviewed By: Winterson Mendez
Signature

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.

AJHA #1 02459



Kentucky Transportation Cabinet

200 Mero Street, 5th Floor West
Frankfort, Kentucky 40622
(502) 564-7250 fax (502) 564-5655

Page 1

ENVIRONMENTAL TRAINING CONCEPTS, INC

P.O Box 99603 Louisville, KY 40269
(502)640-2951

Certification Number: ETC-AIR-031522-00137

O'Dail Lawson

has on 03-15-2022, attended and successfully completed the requirements and passed the examination with a score of 70% of better on the entitled course.

ASBESTOS INSPECTOR REFRESHER

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).

Conducted at: 1220 KY Mills Drive, Louisville, KY

Name - Training Manager

Expiration Date: 03-15-2023

Name - Instructor



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 406 01

Jim Gray
SECRETARY

Asbestos Inspection Survey

To: Tom Mathews
District: Central Office
Date: February 16, 2023
Conducted By: O'Dail Lawson
Report Prepared By: O'Dail Lawson

Project and Structure Identification

Project Number: Carter County
Structure ID: 022B000112N
Structure Location: KY 7 (Carol Malone Blvd) over Little Sandy River
Sample Description: Any suspect materials collected were negative for asbestos.
Inspection Date: February 7, 2023

Results and Recommendations

The results of the samples collected were negative for the presence of asbestos above 1%.
No abatement is required at this time.
It is recommended that this report accompany the 10-Day Notice of Intent for Demolition ([Notification Form DEP 7036](#)) 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.

MRS, Inc. Analytical Laboratory Division

(502) 495-1212
Fax: (502) 491-7111

Sampled By: O'Dail Lawson

[illegible]

Analyst : Winterford Mensah

Reviewed By: Winters Mendez
Signature

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AJHA #1 02459



Chain of Custody Record

Kentucky Transportation Cabinet

200 Mero Street, 5th Floor West
Frankfort, Kentucky 40622
(502) 564-7250 fax (502) 564-5655

[illegible]

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Conducted at: 1220 KY Mills Drive, Louisville, KY

Name - Training Manager

Expiration Date: 03-15-2023

Name - Instructor



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 406 01

Jim Gray
SECRETARY

Asbestos Inspection Survey

To: Tom Mathews
District: Central Office
Date: February 16, 2023
Conducted By: O'Dail Lawson
Report Prepared By: O'Dail Lawson

Project and Structure Identification

Project Number: Carter County
Structure ID: 022B000127N
Structure Location: KY 986 (Cross Street) over Tygarts Creek
Sample Description: Any suspect materials collected were negative for asbestos.
Inspection Date: February 7, 2023

Results and Recommendations

The results of the samples collected were negative for the presence of asbestos above 1%.
No abatement is required at this time.

It is recommended that this report accompany the 10-Day Notice of Intent for Demolition ([Notification Form DEP 7036](#)) 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.

MRS, Inc. Analytical Laboratory Division

(502) 495-1212
Fax: (502) 491-7111

Sampled By: O'Dail Lawson

[illegible]

Analyst : Winterford Mensah

Reviewed By: Winters Mendez
Signature

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.

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[illegible]

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O'Dail Lawson

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Conducted at: 1220 KY Mills Drive, Louisville, KY

Name - Training Manager

Expiration Date: 03-15-2023

Name - Instructor

MATERIAL SUMMARY

CONTRACT ID: 232951

022GR23M025

MB02200072301

CAROL MALONE BLVD. (KY 7) BRIDGE 022B00112N OVER LITTLE SANDY RIVER AT MP 09.54 BRIDGE PAINTING & CLEANING.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|--|----------|------|
| 0140 | 08434 | CLEAN & PAINT STRUCTURAL STEEL - APPLIES TO 022B00112N | 1.00 | LS |
| 0145 | 24981EC | BRIDGE CLEANING - APPLIES TO 022B00112N | 1.00 | LS |
| 0150 | 24982EC | CONCRETE COATING - APPLIES TO 022B00112N | 1.00 | LS |
| 0155 | 03298 | EXPAN JOINT REPLACE 4 IN | 124.60 | LF |
| 0160 | 03299 | ARMORED EDGE FOR CONCRETE | 124.60 | LF |
| 0165 | 03304 | BRIDGE OVERLAY APPROACH PAVEMENT | 978.00 | SQYD |
| 0170 | 06514 | PAVE STRIPING-PERM PAINT-4 IN | 2,024.00 | LF |
| 0175 | 08150 | STEEL REINFORCEMENT | 270.00 | LB |
| 0180 | 08504 | EPOXY SAND SLURRY | 170.00 | SQYD |
| 0185 | 08526 | CONC CLASS M FULL DEPTH PATCH | 10.00 | CUYD |
| 0190 | 08534 | CONCRETE OVERLAY-LATEX | 62.30 | CUYD |
| 0195 | 08549 | BLAST CLEANING | 1,665.00 | SQYD |
| 0200 | 08551 | MACHINE PREP OF SLAB | 1,495.00 | SQYD |
| 0205 | 24094EC | PARTIAL DEPTH PATCHING | 47.00 | CUYD |
| 0210 | 02650 | MAINTAIN & CONTROL TRAFFIC - APPLIES TO 022B00112N | 1.00 | LS |
| 0215 | 02671 | PORTABLE CHANGEABLE MESSAGE SIGN | 2.00 | EACH |
| 0220 | 02568 | MOBILIZATION | 1.00 | LS |
| 0225 | 02569 | DEMOBILIZATION | 1.00 | LS |

MATERIAL SUMMARY

CONTRACT ID: 232951

022GR23M025

MB02209862301

CROSS STREET (KY 986) BRIDGE 022B00127N OVER TYGARTS CREEK AT MP 00.34 BRIDGE PAINTING & CLEANING.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|--|----------|------|
| 0050 | 08434 | CLEAN & PAINT STRUCTURAL STEEL - APPLIES TO 022B00127N | 1.00 | LS |
| 0055 | 24981EC | BRIDGE CLEANING - APPLIES TO 022B00127N | 1.00 | LS |
| 0060 | 24982EC | CONCRETE COATING - APPLIES TO 022B00127N | 1.00 | LS |
| 0065 | 03293 | EXPAN JOINT REPLACE 1 IN | 104.00 | LF |
| 0070 | 03299 | ARMORED EDGE FOR CONCRETE | 52.00 | LF |
| 0075 | 03304 | BRIDGE OVERLAY APPROACH PAVEMENT | 578.00 | SQYD |
| 0080 | 06514 | PAVE STRIPING-PERM PAINT-4 IN | 468.00 | LF |
| 0085 | 08150 | STEEL REINFORCEMENT | 540.00 | LB |
| 0090 | 08504 | EPOXY SAND SLURRY | 101.00 | SQYD |
| 0095 | 08526 | CONC CLASS M FULL DEPTH PATCH | 2.00 | CUYD |
| 0100 | 08534 | CONCRETE OVERLAY-LATEX | 22.10 | CUYD |
| 0105 | 08549 | BLAST CLEANING | 169.00 | SQYD |
| 0110 | 08551 | MACHINE PREP OF SLAB | 531.00 | SQYD |
| 0115 | 24094EC | PARTIAL DEPTH PATCHING | 17.00 | CUYD |
| 0120 | 02650 | MAINTAIN & CONTROL TRAFFIC - APPLIES TO 022B00127N | 1.00 | LS |
| 0125 | 02671 | PORTABLE CHANGEABLE MESSAGE SIGN | 2.00 | EACH |
| 0130 | 02568 | MOBILIZATION | 1.00 | LS |
| 0135 | 02569 | DEMOBILIZATION | 1.00 | LS |

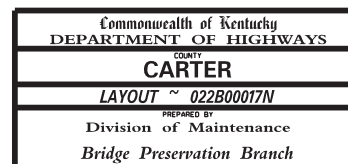
CONTRACT ID: 232951

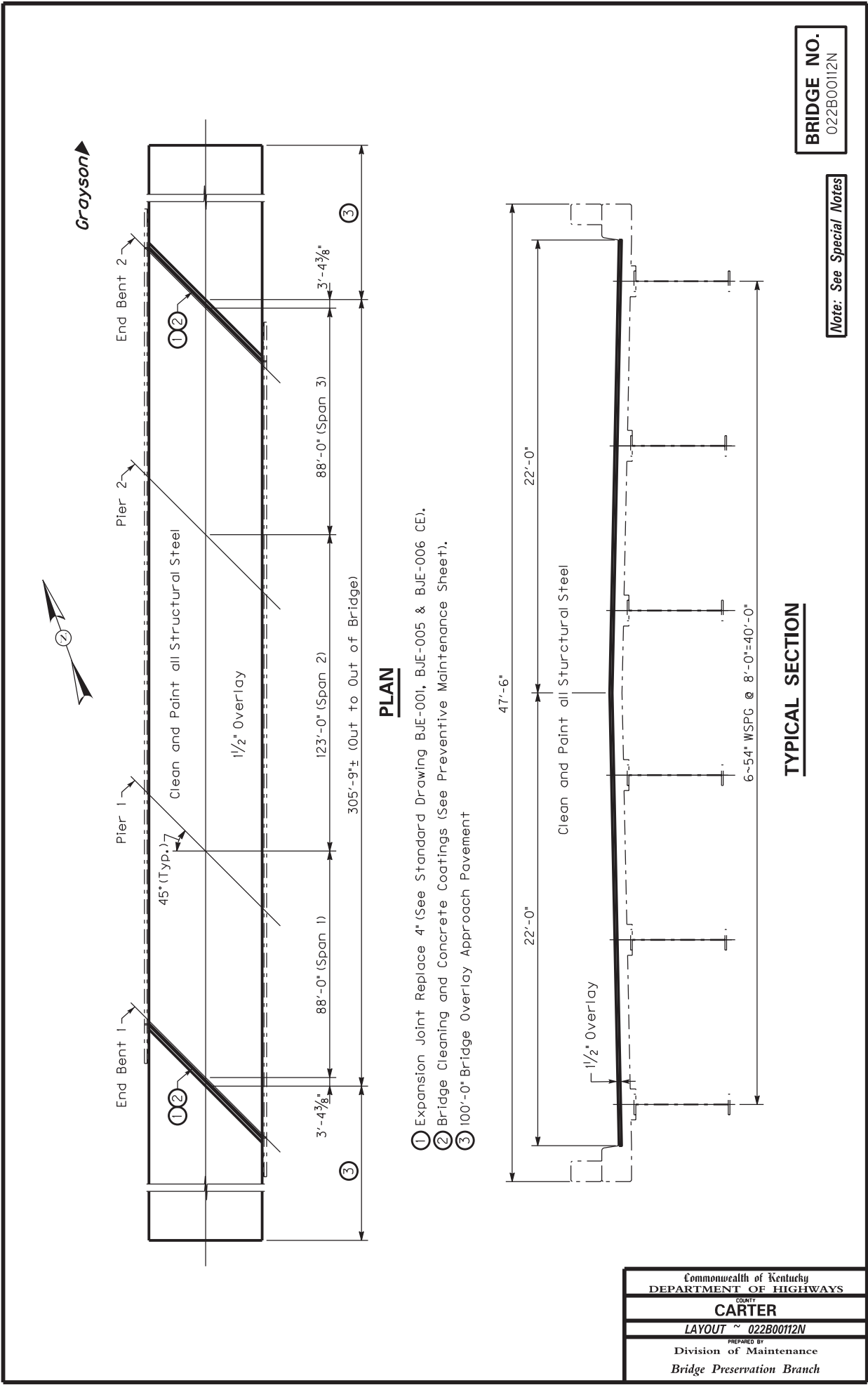
022GR23M025

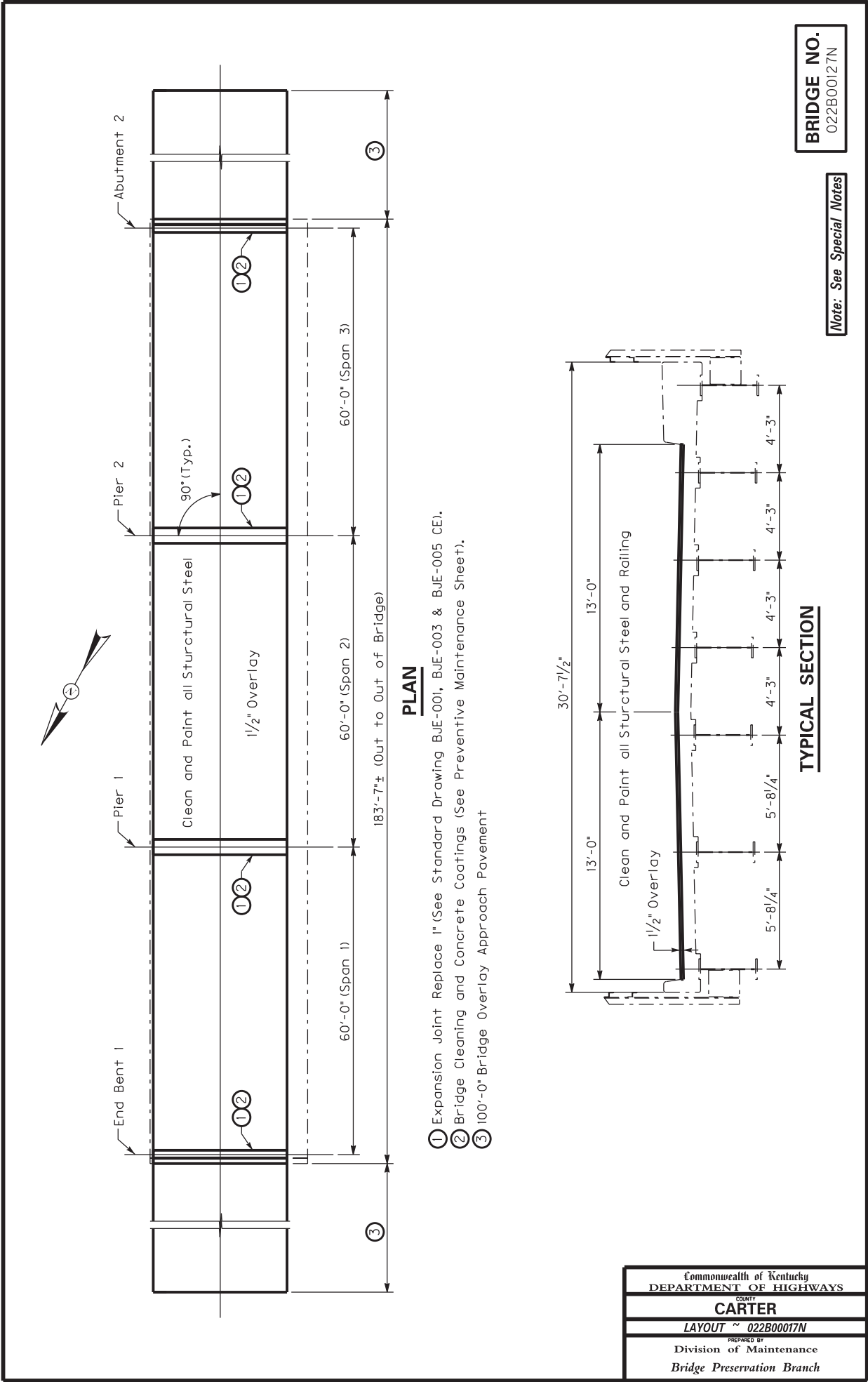
MB02216612301

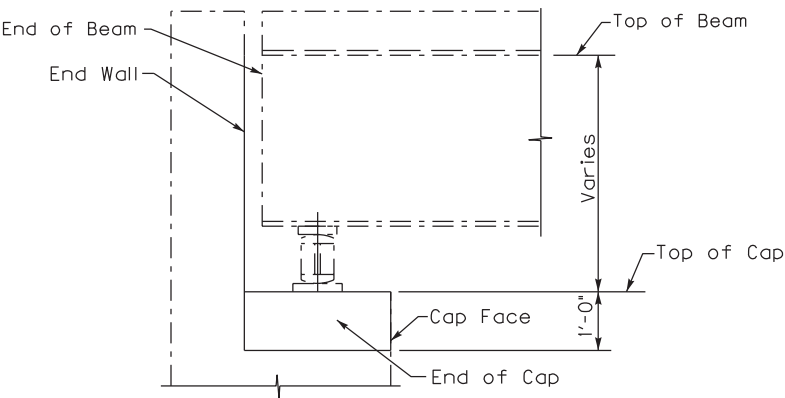
HIGHWAY 1661 (KY 1661) BRIDGE 022B00017N OVER LITTLE SANDY RIVER AT MP 01.55 BRIDGE PAINTING & CLEANING.

| Project Line No | Bid Code | DESCRIPTION | Quantity | Unit |
|-----------------|----------|--|----------|------|
| 0005 | 08434 | CLEAN & PAINT STRUCTURAL STEEL - APPLIES TO 022B00017N | 1.00 | LS |
| 0010 | 24981EC | BRIDGE CLEANING - APPLIES TO 022B00017N | 1.00 | LS |
| 0015 | 24982EC | CONCRETE COATING - APPLIES TO 022B00017N | 1.00 | LS |
| 0020 | 23386EC | JOINT SEAL REPLACEMENT | 48.00 | LF |
| 0025 | 02650 | MAINTAIN & CONTROL TRAFFIC - APPLIES TO 022B00017N | 1.00 | LS |
| 0030 | 02651 | DIVERSIONS (BY-PASS DETOURS) - APPLIES TO 022B00017N | 1.00 | LS |
| 0035 | 02671 | PORTABLE CHANGEABLE MESSAGE SIGN | 2.00 | EACH |
| 0040 | 02568 | MOBILIZATION | 1.00 | LS |
| 0045 | 02569 | DEMOBILIZATION | 1.00 | LS |

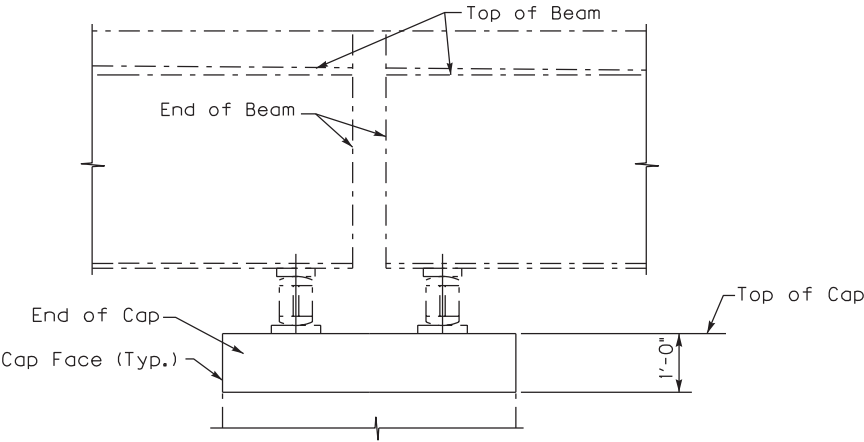








SECTION THROUGH END BENT CAP AND BEAM END



SECTION THROUGH PIER CAP

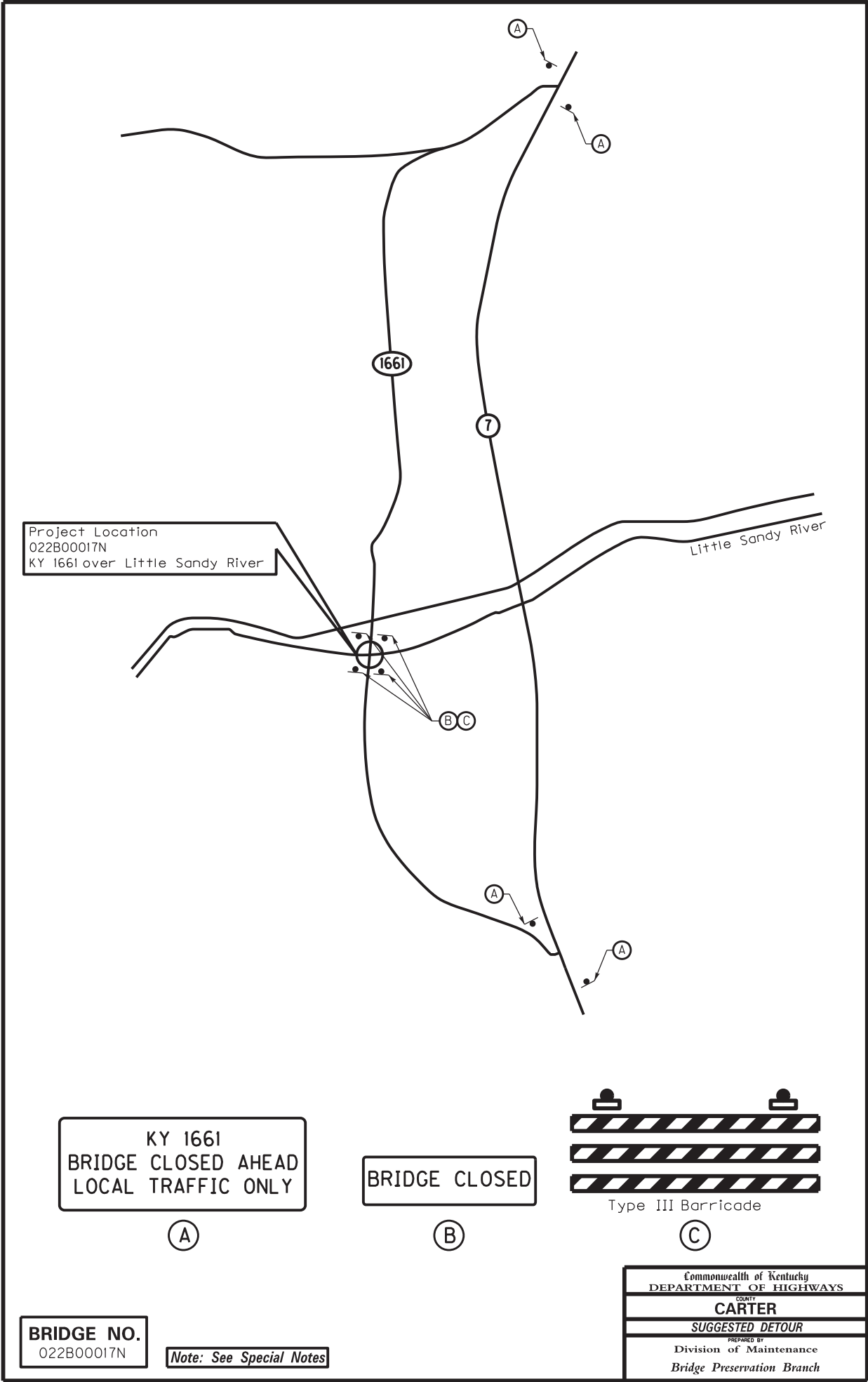
PREVENTIVE MAINTENANCE

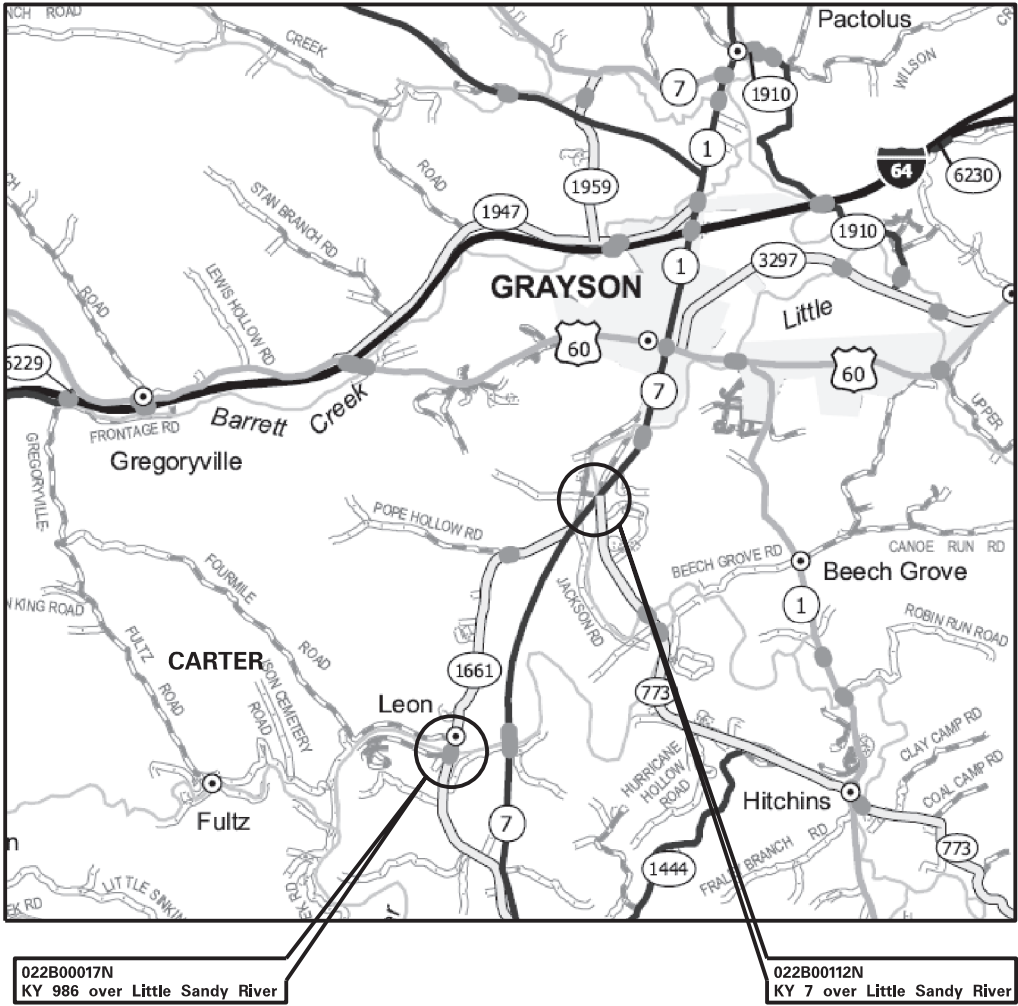
Front Face of End Wall, Top and Face of Cap the Entire Length of Cap including Cap Ends shall have debris removed pressure washed and have concrete coating applied as specified within the limits shown.

BRIDGE NO.
022B00017N
022B00127N

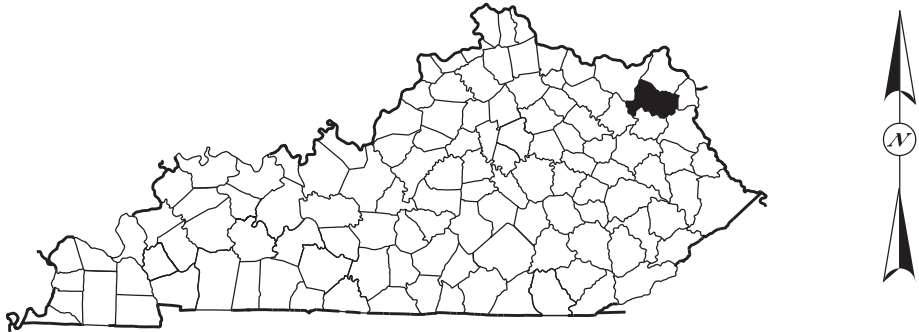
Note: See Special Notes

| |
|----------------------------|
| Commonwealth of Kentucky |
| DEPARTMENT OF HIGHWAYS |
| COUNTY |
| CARTER |
| PREVENTIVE MAINTENANCE |
| PREPARED BY |
| Division of Maintenance |
| Bridge Preservation Branch |

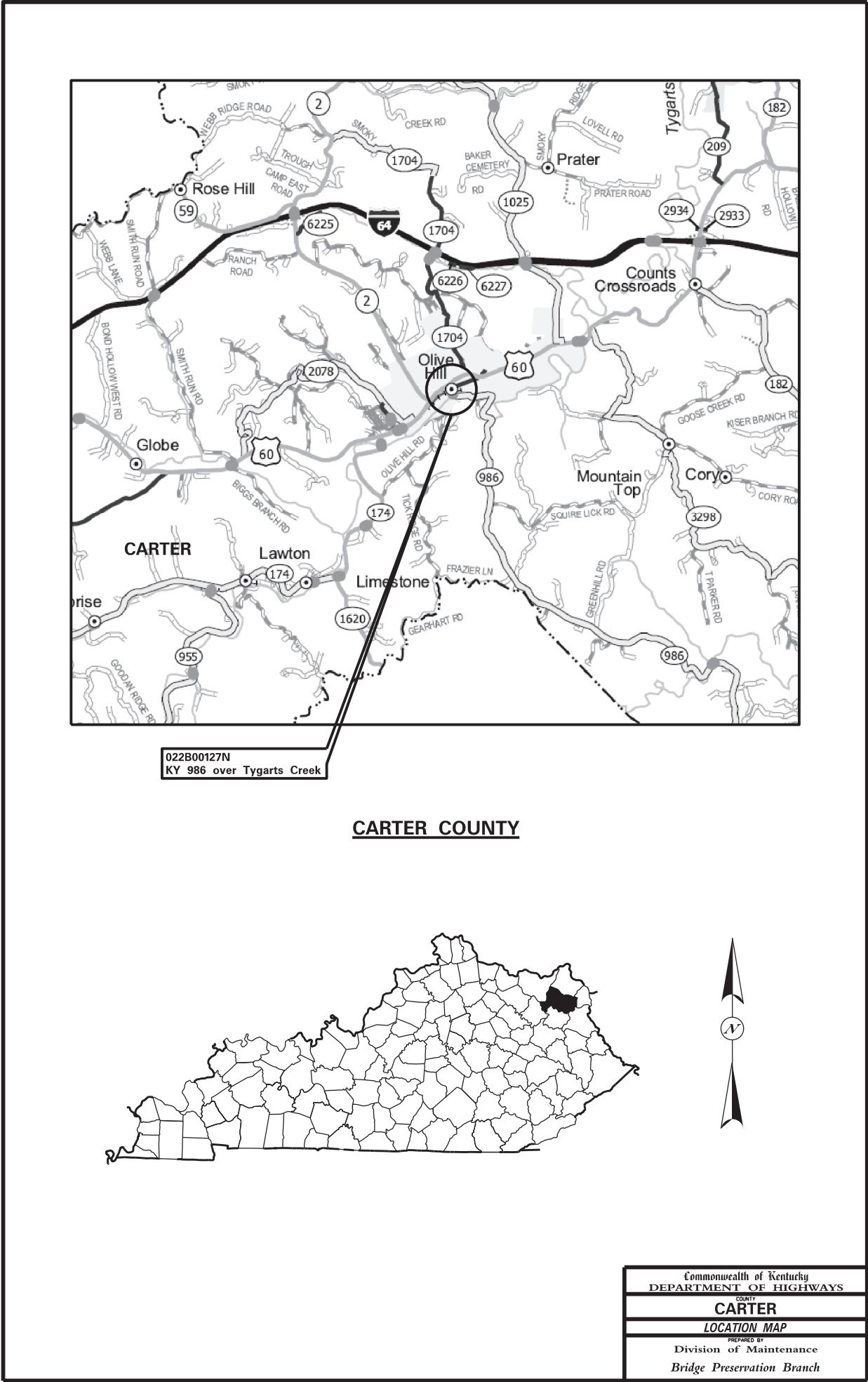




CARTER COUNTY



| |
|----------------------------|
| Commonwealth of Kentucky |
| DEPARTMENT OF HIGHWAYS |
| COUNTY |
| CARTER |
| LOCATION MAP |
| PREPARED BY |
| Division of Maintenance |
| Bridge Preservation Branch |



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:
<http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx>

**STANDARD DRAWINGS THAT APPLY
DISTRICT NO. 9
BRIDGE CLEANING AND PAINTING
CARTER COUNTY
CID 232951 ~ 022GR23M025**

**TRAFFIC
~ *TEMPORARY* ~
TRAFFIC CONTROL**

| | |
|------------------------------------|--------------|
| LANE CLOSURE TWO LANE HIGHWAY | TTC-100 C.E. |
| LANE CLOSURE USING TRAFFIC SIGNALS | TTC-110 C.E. |

**BRIDGES
STANDARDS**

| | |
|---|--------------|
| BRIDGE RESTORATION AND WATERPROOFING | BGX-009 C.E. |
| WITH CONCRETE OVERLAYS | |
| AMORED EDGES | BJE-001 C.E. |
| EXPANSION JOINT REPLACEMENT 1"- 3" | BJE-003 C.E. |
| EXPANSION JOINT REPLACEMENT GENERAL NOTES | BJE-005 C.E. |
| EXPANSION JOINT REPLACEMENT 4" & 5" | BJE-006 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.

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 administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

Revised: January 25, 2017

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.

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 thirty-six (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:
<https://www.eProcurement.ky.gov>.

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.

EMPLOYEE RIGHTS UNDER THE FAIR LABOR STANDARDS ACT

THE UNITED STATES DEPARTMENT OF LABOR WAGE AND HOUR DIVISION

FEDERAL MINIMUM WAGE

\$7.25 PER HOUR

BEGINNING JULY 24, 2009

- OVERTIME PAY

At least 1½ times your regular rate of pay for all hours worked over 40 in a workweek.
- CHILD LABOR

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-manufacturing, non-mining, non-hazardous jobs under the following conditions:

No more than

 - **3** hours on a school day or **18** hours in a school week;
 - **8** hours on a non-school day or **40** hours in a non-school week.

Also, work may not begin before **7 a.m.** or end after **7 p.m.**, except from June 1 through Labor Day, when evening hours are extended to **9 p.m.** 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

- Certain occupations and establishments are exempt from the minimum wage and/or overtime pay provisions.
 - Special provisions apply to workers in American Samoa and the Commonwealth of the Northern Mariana Islands.
 - Some state laws provide greater employee protections; employers must comply with both.
 - The law requires employers to display this poster where employees can readily see it.
 - 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.
 - 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.

For additional information:



1-866-4-USWAGE

(1-866-487-9243)

TTY: 1-877-889-5627



WWW.WAGEHOUR.DOL.GOV

PART IV

INSURANCE

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

PART V

BID ITEMS

Report Date 10/12/23

Section: 0001 - TRAFFIC CONTROL

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 0010 | 02650 | | MAINTAIN & CONTROL TRAFFIC APPLIES TO 022B00017N | 1.00 | LS | | \$ | |
| 0020 | 02650 | | MAINTAIN & CONTROL TRAFFIC APPLIES TO 022B00112N | 1.00 | LS | | \$ | |
| 0030 | 02650 | | MAINTAIN & CONTROL TRAFFIC APPLIES TO 022B00127N | 1.00 | LS | | \$ | |
| 0040 | 02651 | | DIVERSIONS (BY-PASS DETOURS) APPLIES TO 022B00017N | 1.00 | LS | | \$ | |
| 0050 | 02671 | | PORTABLE CHANGEABLE MESSAGE SIGN | 6.00 | EACH | | \$ | |

Section: 0002 - PAINTING

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|---|----------|------|-----------|----|--------|
| 0060 | 08434 | | CLEAN & PAINT STRUCTURAL STEEL APPLIES TO 022B00017N | 1.00 | LS | | \$ | |
| 0070 | 08434 | | CLEAN & PAINT STRUCTURAL STEEL APPLIES TO 022B00112N | 1.00 | LS | | \$ | |
| 0080 | 08434 | | CLEAN & PAINT STRUCTURAL STEEL APPLIES TO 022B00127N | 1.00 | LS | | \$ | |
| 0090 | 24981EC | | BRIDGE CLEANING APPLIES TO 022B00017N | 1.00 | LS | | \$ | |
| 0100 | 24981EC | | BRIDGE CLEANING APPLIES TO 022B00112N | 1.00 | LS | | \$ | |
| 0110 | 24981EC | | BRIDGE CLEANING APPLIES TO 022B00127N | 1.00 | LS | | \$ | |
| 0120 | 24982EC | | CONCRETE COATING APPLIES TO 022B00017N | 1.00 | LS | | \$ | |
| 0130 | 24982EC | | CONCRETE COATING APPLIES TO 022B00112N | 1.00 | LS | | \$ | |
| 0140 | 24982EC | | CONCRETE COATING APPLIES TO 022B00127N | 1.00 | LS | | \$ | |

Section: 0003 - REPAIRS

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------------------------|----------|------|-----------|----|--------|
| 0150 | 03293 | | EXPAN JOINT REPLACE 1 IN | 104.00 | LF | | \$ | |
| 0160 | 03298 | | EXPAN JOINT REPLACE 4 IN | 124.60 | LF | | \$ | |
| 0170 | 03299 | | ARMORED EDGE FOR CONCRETE | 176.60 | LF | | \$ | |
| 0180 | 03304 | | BRIDGE OVERLAY APPROACH PAVEMENT | 1,556.00 | SQYD | | \$ | |
| 0190 | 06514 | | PAVE STRIPING-PERM PAINT-4 IN | 2,492.00 | LF | | \$ | |
| 0200 | 08150 | | STEEL REINFORCEMENT | 810.00 | LB | | \$ | |
| 0210 | 08504 | | EPOXY SAND SLURRY | 271.00 | SQYD | | \$ | |
| 0220 | 08526 | | CONC CLASS M FULL DEPTH PATCH | 12.00 | CUYD | | \$ | |
| 0230 | 08534 | | CONCRETE OVERLAY-LATEX | 84.40 | CUYD | | \$ | |
| 0240 | 08549 | | BLAST CLEANING | 1,834.00 | SQYD | | \$ | |
| 0250 | 08551 | | MACHINE PREP OF SLAB | 2,026.00 | SQYD | | \$ | |
| 0260 | 23386EC | | JOINT SEAL REPLACEMENT | 48.00 | LF | | \$ | |
| 0270 | 24094EC | | PARTIAL DEPTH PATCHING | 64.00 | CUYD | | \$ | |

Section: 0004 - DEMOBILIZATION/MOBILIZATION

| LINE | BID CODE | ALT | DESCRIPTION | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 0280 | 02568 | | MOBILIZATION | 1.00 | LS | | \$ | |
| 0290 | 02569 | | DEMOBILIZATION | 1.00 | LS | | \$ | |