



**CALL NO. 404**

**CONTRACT ID. 232964**

**LOGAN COUNTY**

**FED/STATE PROJECT NUMBER 071GR23M038**

**DESCRIPTION LEWISBURG ROAD (US 431) 3 LOCATIONS**

**WORK TYPE BRIDGE DECK RESTORATION & WATERPROOFING**

**PRIMARY COMPLETION DATE 7/1/2024**

**LETTING DATE: July 20,2023**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME July 20,2023. 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.

## TABLE OF CONTENTS

PART I	SCOPE OF WORK
	<ul style="list-style-type: none"><li>• PROJECT(S), COMPLETION DATE(S), &amp; LIQUIDATED DAMAGES</li><li>• CONTRACT NOTES</li><li>• STATE CONTRACT NOTES</li><li>• SPECIAL NOTE(S) APPLICABLE TO PROJECT</li><li>• ASBESTOS ABATEMENT REPORT</li><li>• MATERIAL SUMMARY</li><li>• BRIDGE DRAWINGS</li></ul>
PART II	SPECIFICATIONS AND STANDARD DRAWINGS
	<ul style="list-style-type: none"><li>• STANDARD AND SUPPLEMENTAL SPECIFICATIONS</li><li>• STANDARD DRAWINGS THAT APPLY</li></ul>
PART III	EMPLOYMENT, WAGE AND RECORD REQUIREMENTS
	<ul style="list-style-type: none"><li>• LABOR AND WAGE REQUIREMENTS</li><li>• EXECUTIVE BRANCH CODE OF ETHICS</li><li>• KENTUCKY EQUAL EMPLOYMENT OPPORTUNITY ACT OF 1978 LOCALITY / STATE</li><li>• PROJECT WAGE RATES / STATE FUNDED</li></ul>
PART IV	INSURANCE
PART V	BID ITEMS

**PART I**  
**SCOPE OF WORK**

## ADMINISTRATIVE DISTRICT - 03

**CONTRACT ID - 232964**

**071GR23M038**

**COUNTY - LOGAN**

**PCN - MB07104312301**

**FE02 071 0431 B00002N 24.28**

LEWISBURG ROAD (US 431) BRIDGE 071B00002N OVER WOLF LICK CREEK BRIDGE DECK RESTORATION & WATERPROOFING

GEOGRAPHIC COORDINATES LATITUDE 37:01:08.00 LONGITUDE 86:57:33.00

ADT

**PCN - MB07104312302**

**FE02 071 0431 B00003N 24.58**

LEWISBURG ROAD (US 431) BRIDGE 071B00003N OVER WOLF LICK SWAMP AT MP 24.58 BRIDGE DECK RESTORATION & WATERPROOFING

GEOGRAPHIC COORDINATES LATITUDE 37:01:14.00 LONGITUDE 86:57:51.00

ADT

**PCN - MB07104312303**

**FE02 071 0431 B00005N 25.76**

LEWISBURG ROAD (US 431) BRIDGE 071B00005N OVER RAWHIDE CREEK AT MP 25.76 BRIDGE DECK RESTORATION & WATERPROOFING

GEOGRAPHIC COORDINATES LATITUDE 37:01:58.00 LONGITUDE 86:58:52.00

ADT

### COMPLETION DATE(S):

COMPLETED BY 07/01/2024

30 CALENDAR Days

30 CALENDAR Days

30 CALENDAR Days

APPLIES TO ENTIRE CONTRACT

APPLIES TO 071B00002N

APPLIES TO 071B00003N

APPLIES TO 071B00005N

## **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](http://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](mailto: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](http://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.

### **BUILD AMERICA, BUY AMERICA ACT (BABA)**

On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (IIJA), Pub. L. No. 117-58, includes the Build America, Buy America Act (“the Act”). Pub. L. No. 117-58, §§70901-52. The Act strengthens the Buy America preference to include “construction materials.” The current temporary waiver for **“construction materials”** will expire on November 10, 2022.

The Act will apply to construction materials as outlined in the guidance issued in OMB [M-22-11](#).

Construction Materials – Includes an article, material, or supply – other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives – that is or consists primarily of:

- Non-ferrous metals
- Plastic/polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Lumber; or
- Drywall.

Construction Materials only applies to items, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project.

Construction Materials does not apply to tools, equipment or supplies brought to the jobsite and removed before completion.

### **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.

February 1, 2023

## **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. 3  
BRIDGE DECK RESTORATION AND WATERPROOFING  
LOGAN- COUNTY  
CID 232964 ~ 071GR23M038**

**FE02 071 0431 B00002N 24.28**

LOGAN ~ US. 431 (LEWISBURG Road) over WOLF LICK CREEK

***Geographic Coordinates***

Latitude 37° 01' 08.00'' (37.0188)

Longitude -86° 57' 33.00'' (-86.9592)

**Description**

5~50' RCDG Spans, Drawing No. 01467

266' 5 Span Concrete Tee Beam, Drawing No. G-97

**FE02 071 0431 B00003N 24.58**

LOGAN ~ US. 431 (LEWISBURG Road) over WOLF LICK SWAMP

***Geographic Coordinates***

Latitude 37° 01' 14.00'' (37.0206)

Longitude -86° 57' 51.00'' (-86.9642)

**Description**

3-45' RCDG Spans, Drawing No. 04168

144' 3 Span Concrete Tee Beam Drawing No. G-96

**FE02 071 0431 B00005N 25.76**

LOGAN ~ US. 431 (LEWISBURG Road) over RAWHIDE CREEK

***Geographic Coordinates***

Latitude 37° 01' 58.00'' (37.0327)

Longitude -86° 58' 52.00'' (-86.9784)

**Description**

2 - 40' RCDG Spans, Drawing No. 04171

85' 2 Span Concrete Tee Beam Drawing No. G-51

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

SPECIAL NOTE FOR BRIDGE DECK RESTORATION AND WATERPROOFING  
WITH CONCRETE OVERLAYS

SPECIAL NOTE FOR ELIMINATING TRANSVERSE JOINTS ON BRIDGES

SPECIAL NOTE FOR DECK DRAIN RETROFIT

SPECIAL NOTE FOR CONCRETE PATCHING REPAIR

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 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 each bridge:
    - 071B00002N (265'0" x 23'0" x 1.50") = 28.2 C.Y.
    - 071B00003N (144'0" x 23'-0" x 1.50") = 15.3 C.Y.
    - 071B00005N (86'0" x 23' 0" x 1.50") = 9.2 C.Y.
  - 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 ELIMINATING TRANSVERSE JOINTS ON BRIDGES

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, (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. **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 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 along the centerline of the joint.
- 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. Steel Reinforcement (08150).** See Section 602.

## SPECIAL NOTES 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).** Use new, commercial grade, ¼" 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 ½"x6" or an approved alternate.
  - C. **Grout.** See Section 511.
3. **CONSTRUCTION**
  - A. **Install Deck Drain Retrofit.** Place PMMA glass as shown in attached detail drawing.
  - B. **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.
  - C. **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.
  - D. **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 CONCRETE PATCHING REPAIR

### 1. DESCRIPTION.

Perform all work in accordance with the Department's Standard Specifications and applicable Supplemental Specifications (current editions), this note and the attached detailed drawings. Section references are to the Standard Specifications. This work consists of: (1) Furnish all labor, materials, tools, and equipment, (2) Remove existing spalled/delaminated concrete, (3) Prepare the existing surface for concrete patching, (4) Apply concrete patching as specified by this note and as shown on the attached detail drawings, (6) Finish and cure the new Concrete Patches, (7) Any other work specified as part of this contract. See attachment detailed drawing "Layout Sheet" for locations.

### 2. MATERIALS.

- A. **Concrete. "M" Concrete.** Use either "M1" or "M2". See Section 601.
- B. **Steel Reinforcement.** Use Grade 60. See Section 602.
- C. **Epoxy Bond Coat.** See Section 511.
- D. **Welded Steel Wire Fabric (WWF).** Conform to Section 811.
- E. **Hook Fasteners.** Use commercial grade galvanized hook fasteners. Minimum 3/16" diameter.

### 3. CONSTRUCTION.

- A. **Concrete Removal and Preparation.** The Contractor, as directed by the Engineer shall locate and remove all loose, spalled, deteriorated, and delaminated concrete. Care shall be exercised not to damage areas of sound concrete or reinforcing steel during concrete removal operations. Unless specifically *directed by the Engineer*, depth of removal shall not exceed 4 inches. Concrete removal shall be in accordance with a sequence approved by the Engineer. Concrete removal shall be accomplished by chipping with hand picks, chisels, or light duty pneumatic or electric chipping hammers (not to exceed 35 lbs.). If sound concrete is encountered before existing reinforcing steel is exposed, the surface shall be prepared and repaired without further removal of the concrete. When corroded reinforcing steel is exposed, concrete removal shall continue until there is a minimum  $\frac{3}{4}$  inch clearance around the exposed, corroded reinforcing bar. Care shall be taken to not damage bond to adjacent non-exposed reinforcing steel during concrete removal processes. After all deteriorated concrete has been removed; the repair surface to receive concrete patching shall be prepared by blast cleaning. Blast cleaning shall remove all fractured surface concrete and all traces of any unsound material or contaminants such as oil, grease, dirt, slurry, or any materials which could interfere with the bond of freshly placed concrete. The Contractor shall dispose all removed material off State Right of Way in an approved site.

- B. Steel Reinforcement.** All corroded reinforcing steel exposed during concrete removal shall have corrosion products removed by abrasive blasting or wire brush whichever is more appropriate. If required, furnish for replacement, as directed by the Engineer, adequate quantity of steel reinforcing bars ½” diameter for the patch in curb areas. Place these bars in areas deemed by the Engineer to require additional reinforcement. Field cutting and bending is permitted.
- C. Concrete Patching Repair.** Place and finish the new concrete for the patching area in accordance with the manufacturer’s recommendations, as shown on the attached detail drawings, or as directed by the Engineer. The Engineer shall approve the Contractor’s method of placing and consolidating the concrete prior to the beginning of this operation.
- D. Curing.** On completion of finishing operation, patching concrete shall immediately be prevented from drying out and cracking by fogging, wetting, and/or any appropriate method approved by the Engineer. Curing shall continue for duration recommended by the product manufacturer.
- E. Existing Bridge Railing.** The existing bridge rail may be removed and reinstalled for access if needed. All cost to remove and reinstall the existing bridge railing shall be incidental to the unit price bid for Concrete Patching Repair.

Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department. Quantities given are approximate. The quantity for “Concrete Repair” shall be bid with the contingency that quantities may be increased, decreased, or eliminated by the Engineer. Dispose of all removed material entirely away from the job site as approved by the Engineer. This work is incidental to the contract unit price for “Concrete Patching Repair”.

#### 4. MEASUREMENT

- A. Concrete Patching Repair.** The Department will measure the quantity per square feet of each area restored, completed, and accepted.
- B. Steel Reinforcement, Welded Wire Fabric & Hook Fasteners.** Steel Reinforcement, Welded Wire Fabric and Hook Fasteners will not be measured for payment but shall be considered incidental to “Concrete Patching Repair”.

#### 5. PAYMENT

- A. Concrete Patching Repair (22146EN).** Payment at the contract unit price per square feet is full compensation for the following: (1) Furnish all labor, materials, tools, equipment; (2) preparation of specified areas including removing and disposing of specified existing materials; (3) place, finish and cure new concrete patches; and (4) all incidentals necessary to complete the work as specified by this note and as shown on the attached detail drawings.

**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>	<u>NO. OF CALENDAR DAYS</u>	<u>COMPLETION DATE</u>
071B00002N	30	JULY 1, 2024
071B00003N	30	JULY 1, 2024
071B00005N	30	JULY 1, 2024

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. The Contractor shall notify the Engineer 3 week prior to installing the signage.

### **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 Nos. TTC-100 and TTC-110. The minimum clear lane width required is as follows:

<u>Structure</u>	<u>Clear Lane Width</u>
071B00002N	10'-6"
071B00003N	10'-6"
071B00005N	10'-6"

**6. 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.

<u>Structure</u>	<u>Signal</u>
071B00002N	2 Phase
071B00003N	2 Phase
071B00005N	2 Phase

**7. 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, and Temp Signal 2 Phase:**

The Cabinet will measure this item by "Each".

**Pave Striping-Temp Rem Tape-B, W, and Y:**

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

**8. 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) and Temp Signal 2 Phase (04933):**

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

**Pave Striping-Temp Rem Tape-B (06549), W (06550), and Y (06551):**

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





**Andy Beshear**  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 406 01

**Jim Gray**  
SECRETARY

# Asbestos Inspection Survey

To: Tom Mathews

District: 4

Date: May 22, 2023

Conducted By: O'Dail Lawson

Report Prepared By: O'Dail Lawson

---

### Project and Structure Identification

Project Number: Logan CID 232964

Structure ID: 071B00002N

Structure Location: US 431 (Lewisburg Road) over Wolf Lick Creek

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

Inspection Date: May 9, 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.



# Chain of Custody Record

Kentucky Transportation Cabinet

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



O'Dail Lawson [o'dail.lawson@ky.gov](mailto:o'dail.lawson@ky.gov)

W4-06-06

Address: 200 Mero Street

Frankfort KY

Phone: 502-564-5655

Fax: 502-564-5655

PO#: N/A = Not Applicable

Client Information KY TRANSPORTATION CABINET

Area Square footage:

US 431 (Lewisburg Road) over Wolf Lick Creek.

Samplers (signature):

Project ID  
Logan 071B0002N

Sample ID	Sample Description	Collected		Analysis Requested	Matrix	Color	Cont. Type	Preservative
		Date	Time					
1-2-1	Joint Compounds	5/14/23	11:55	Asbestos bulk	Negate grey			N/A

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: *Mindy S. Bennett* Date/Time: **5/17/23**

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received at Lab By: \_\_\_\_\_ Date/Time: \_\_\_\_\_



**Andy Beshear**  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 406 01

**Jim Gray**  
SECRETARY

# Asbestos Inspection Survey

To: Tom Mathews

District: 4

Date: May 22, 2023

Conducted By: O'Dail Lawson

Report Prepared By: O'Dail Lawson

---

## Project and Structure Identification

Project Number: Logan CID 232964

Structure ID: 071B00003N

Structure Location: US 431 (Lewisburg Road) over Wolf Lick Swamp

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

Inspection Date: May 9, 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.



# Chain of Custody Record

Kentucky Transportation Cabinet

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



O'Dail Lawson [odail.lawson@ky.gov](mailto:odail.lawson@ky.gov)  
 W4-06-06  
 Address: 200 Mero Street  
 Frankfort KY  
 Phone: 502-564-5655 Fax: 502-564-5655 N/A = Not Applicable  
 PO#:  
 Project ID: Logan 071300003N

Client Information KY TRANSPORTATION CABINET

Area Square footage:

US 431 (Lewisburg Road) over Wolf Lick Swamp.

Samplers (signature):

*[Signature]*

Sample ID	Sample Description	Collected		Analysis Requested	Matrix	Color	Cont. Type	Preservative
		Date	Time					
L3-1	Joint Compans	5/9/23	11:40	Asbestos bulk	negph	grey		N/A

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: *Marys Marsh* Date/Time: **5/17/23**

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received at Lab By: \_\_\_\_\_ Date/Time: \_\_\_\_\_



**Andy Beshear**  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 406 01

**Jim Gray**  
SECRETARY

# Asbestos Inspection Survey

To: Tom Mathews

District: 4

Date: May 22, 2023

Conducted By: O'Dail Lawson

Report Prepared By: O'Dail Lawson

---

## Project and Structure Identification

Project Number: Logan CID 232964

Structure ID: 071B00005N

Structure Location: US 431 (Lewisburg Road) over Rawhide Creek

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

Inspection Date: May 9, 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.





**ENVIRONMENTAL TRAINING CONCEPTS, INC**

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

Certification Number: ETC-AIR-0322223-00200

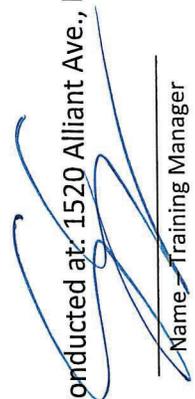
**O'Dail Lawson**

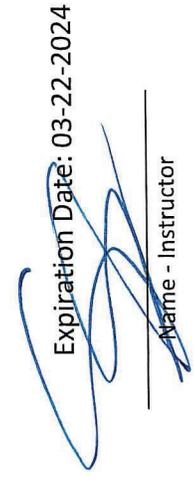
has on 03-22-2023 attended and successfully completed the requirements and passed the examination with a score of 70% of better on the entitled course.

**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: 1520 Alliant Ave., Louisville, KY

  
Name: Training Manager

  
Expiration Date: 03-22-2024  
Name: Instructor

# MATERIAL SUMMARY

**CONTRACT ID: 232964**

**071GR23M038**

**MB07104312301**

LEWISBURG ROAD (US 431) BRIDGE 071B00002N OVER WOLF LICK CREEK BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	02562	TEMPORARY SIGNS	145.00	SQFT
0010	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO 071B00002N	1.00	LS
0015	02653	LANE CLOSURE	2.00	EACH
0020	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0025	03293	EXPAN JOINT REPLACE 1 IN	46.00	LF
0030	03299	ARMORED EDGE FOR CONCRETE	46.00	LF
0035	03300	ELIMINATE TRANSVERSE JOINT	52.00	LF
0040	03304	BRIDGE OVERLAY APPROACH PAVEMENT	256.00	SQYD
0045	04933	TEMP SIGNAL 2 PHASE	1.00	EACH
0050	06514	PAVE STRIPING-PERM PAINT-4 IN	1,278.00	LF
0055	06549	PAVE STRIPING-TEMP REM TAPE-B	1,000.00	LF
0060	06550	PAVE STRIPING-TEMP REM TAPE-W	2,000.00	LF
0065	06551	PAVE STRIPING-TEMP REM TAPE-Y	2,000.00	LF
0070	08150	STEEL REINFORCEMENT	565.00	LB
0075	08504	EPOXY SAND SLURRY - 111B00055N	197.00	SQYD
0080	08510	REM EPOXY BIT FOREIGN OVERLAY	678.00	SQYD
0085	08526	CONC CLASS M FULL DEPTH PATCH	2.00	CUYD
0090	08534	CONCRETE OVERLAY-LATEX	28.20	CUYD
0095	08549	BLAST CLEANING	874.00	SQYD
0100	22146EN	CONCRETE PATCHING REPAIR	12.00	SQFT
0105	24094EC	PARTIAL DEPTH PATCHING	19.00	CUYD
0110	24692EC	DECK DRAIN RETROFIT	60.00	EACH
0115	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

**CONTRACT ID: 232964**

**071GR23M038**

**MB07104312302**

LEWISBURG ROAD (US 431) BRIDGE 071B00003N OVER WOLF LICK SWAMP AT MP 24.58 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0120	02562	TEMPORARY SIGNS	145.00	SQFT
0125	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO 071B00003N	1.00	LS
0130	02653	LANE CLOSURE	2.00	EACH
0135	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0140	03299	ARMORED EDGE FOR CONCRETE	46.00	LF
0145	03304	BRIDGE OVERLAY APPROACH PAVEMENT	256.00	SQYD
0150	04933	TEMP SIGNAL 2 PHASE	1.00	EACH
0155	06514	PAVE STRIPING-PERM PAINT-4 IN	854.00	LF
0160	06549	PAVE STRIPING-TEMP REM TAPE-B	1,000.00	LF
0165	06550	PAVE STRIPING-TEMP REM TAPE-W	2,000.00	LF
0170	06551	PAVE STRIPING-TEMP REM TAPE-Y	2,000.00	LF
0175	08150	STEEL REINFORCEMENT	352.00	LB
0180	08504	EPOXY SAND SLURRY	107.00	SQYD
0185	08510	REM EPOXY BIT FOREIGN OVERLAY	368.00	SQYD
0190	08526	CONC CLASS M FULL DEPTH PATCH	1.00	CUYD
0195	08534	CONCRETE OVERLAY-LATEX	15.30	CUYD
0200	08549	BLAST CLEANING	475.00	SQYD
0205	22146EN	CONCRETE PATCHING REPAIR	24.00	SQFT
0210	24094EC	PARTIAL DEPTH PATCHING	10.00	CUYD
0215	24692EC	DECK DRAIN RETROFIT	36.00	EACH
0220	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

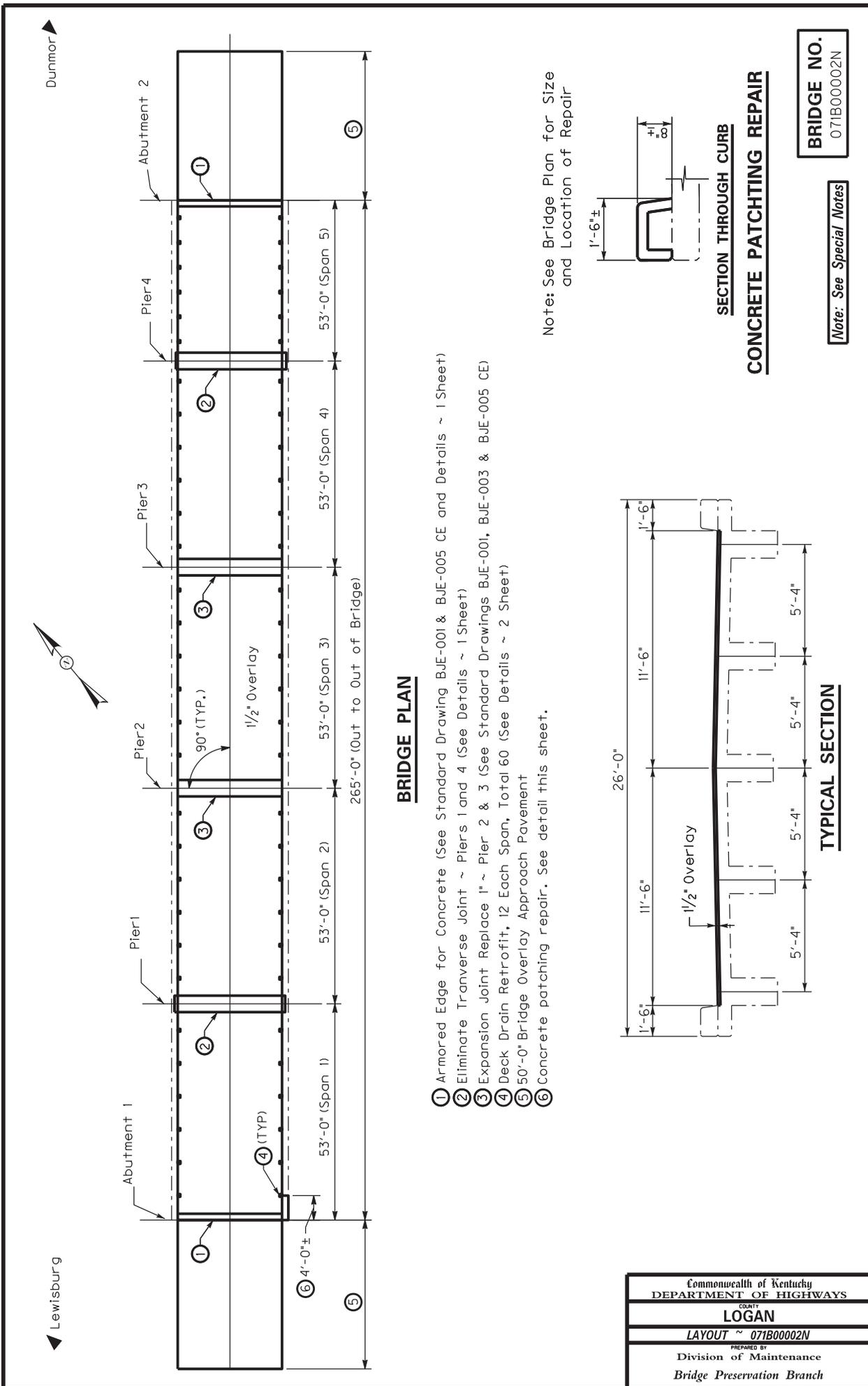
**CONTRACT ID: 232964**

**071GR23M038**

**MB07104312303**

LEWISBURG ROAD (US 431) BRIDGE 071B00005N OVER RAWHIDE CREEK AT MP 25.76 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0225	02562	TEMPORARY SIGNS	145.00	SQFT
0230	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO 071B00005N	1.00	LS
0235	02653	LANE CLOSURE	2.00	EACH
0240	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0245	03299	ARMORED EDGE FOR CONCRETE	46.00	LF
0250	03300	ELIMINATE TRANSVERSE JOINT	26.00	LF
0255	03304	BRIDGE OVERLAY APPROACH PAVEMENT	256.00	SQYD
0260	04933	TEMP SIGNAL 2 PHASE	1.00	EACH
0265	06514	PAVE STRIPING-PERM PAINT-4 IN	651.00	LF
0270	06549	PAVE STRIPING-TEMP REM TAPE-B	1,000.00	LF
0275	06550	PAVE STRIPING-TEMP REM TAPE-W	2,000.00	LF
0280	06551	PAVE STRIPING-TEMP REM TAPE-Y	2,000.00	LF
0285	08150	STEEL REINFORCEMENT	275.00	LB
0290	08504	EPOXY SAND SLURRY	64.00	SQYD
0295	08510	REM EPOXY BIT FOREIGN OVERLAY	220.00	SQYD
0300	08526	CONC CLASS M FULL DEPTH PATCH	1.00	CUYD
0305	08534	CONCRETE OVERLAY-LATEX	9.20	CUYD
0310	08549	BLAST CLEANING	284.00	SQYD
0315	22146EN	CONCRETE PATCHING REPAIR	180.00	SQFT
0320	24094EC	PARTIAL DEPTH PATCHING	6.00	CUYD
0325	24692EC	DECK DRAIN RETROFIT	24.00	EACH
0330	02569	DEMOBILIZATION	1.00	LS



Dunmore

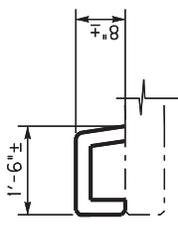
Lewisburg

**BRIDGE PLAN**

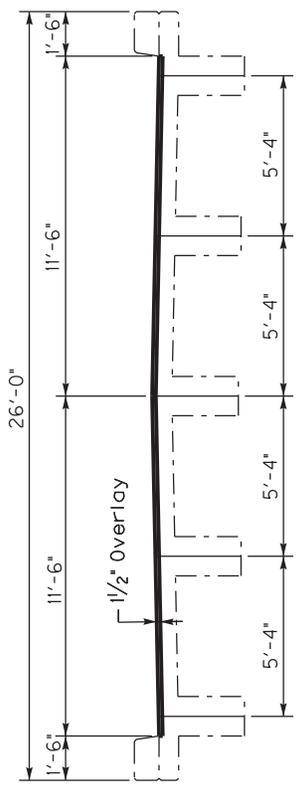
- ① Armored Edge for Concrete (See Standard Drawing BJE-001 & BJE-005 CE and Details ~ 1 Sheet)
- ② Eliminate Transverse Joint ~ Piers 1 and 4 (See Details ~ 1 Sheet)
- ③ Expansion Joint Replace 1" ~ Pier 2 & 3 (See Standard Drawings BJE-001, BJE-003 & BJE-005 CE)
- ④ Deck Drain Retrofit, 12 Each Span, Total 60 (See Details ~ 2 Sheet)
- ⑤ 50'-0" Bridge Overlay Approach Pavement
- ⑥ Concrete patching repair. See detail this sheet.

Note: See Bridge Plan for Size and Location of Repair

**SECTION THROUGH CURB  
CONCRETE PATCHING REPAIR**



**TYPICAL SECTION**

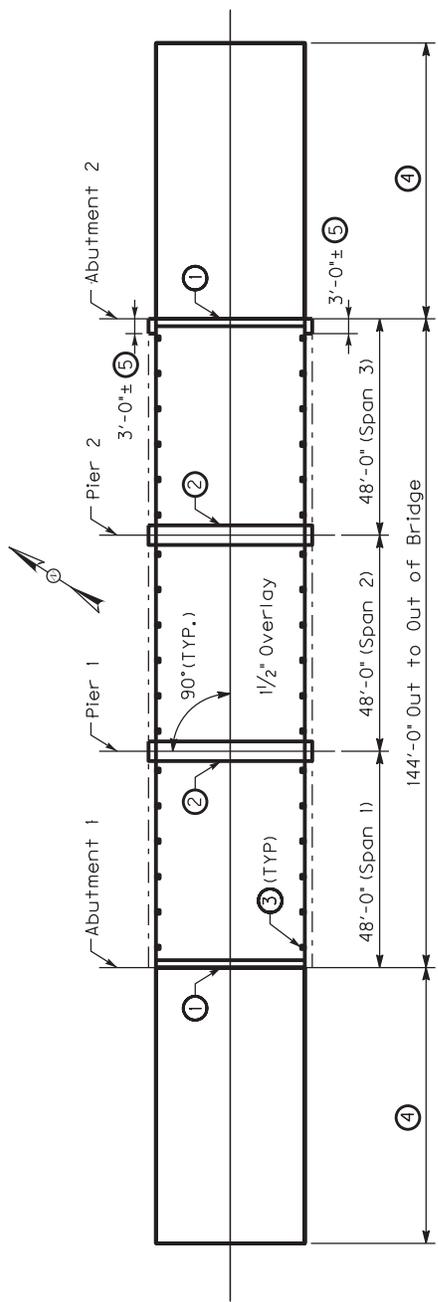


**BRIDGE NO.**  
071B00002N

Note: See Special Notes

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
LOGAN
LAYOUT ~ 071B00002N
PREPARED BY Division of Maintenance Bridge Preservation Branch

Dunmor ▲

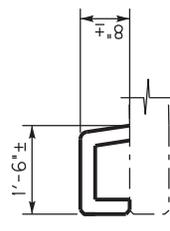


**BRIDGE PLAN**

- ① Armored Edge for Concrete (See Standard Drawing BJE-001 & BJE-005 CE and Details ~ 1 Sheet)
- ② Eliminate Transverse Joint ~ Piers 1 and 2 (See Details ~ 1 Sheet)
- ③ Deck Drain Retrofit, 12 Each Span, Total 36 (See Details ~ 2 Sheet)
- ④ 50'-0" Bridge Overlay Approach Pavement
- ⑤ Concrete patching repair. See detail this sheet.

▲ Lewisburg

Note: See Bridge Plan for Size and Location of Repair

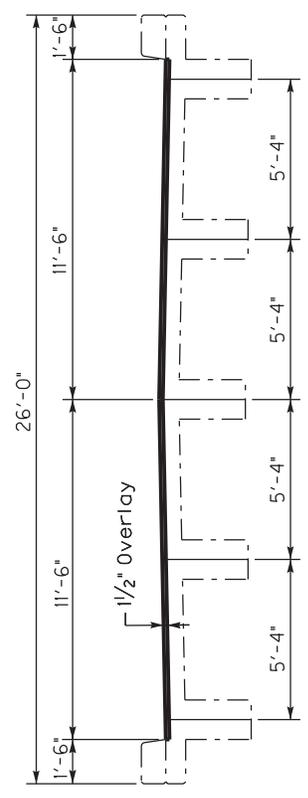


**SECTION THROUGH CURB**

**CONCRETE PATCHING REPAIR**

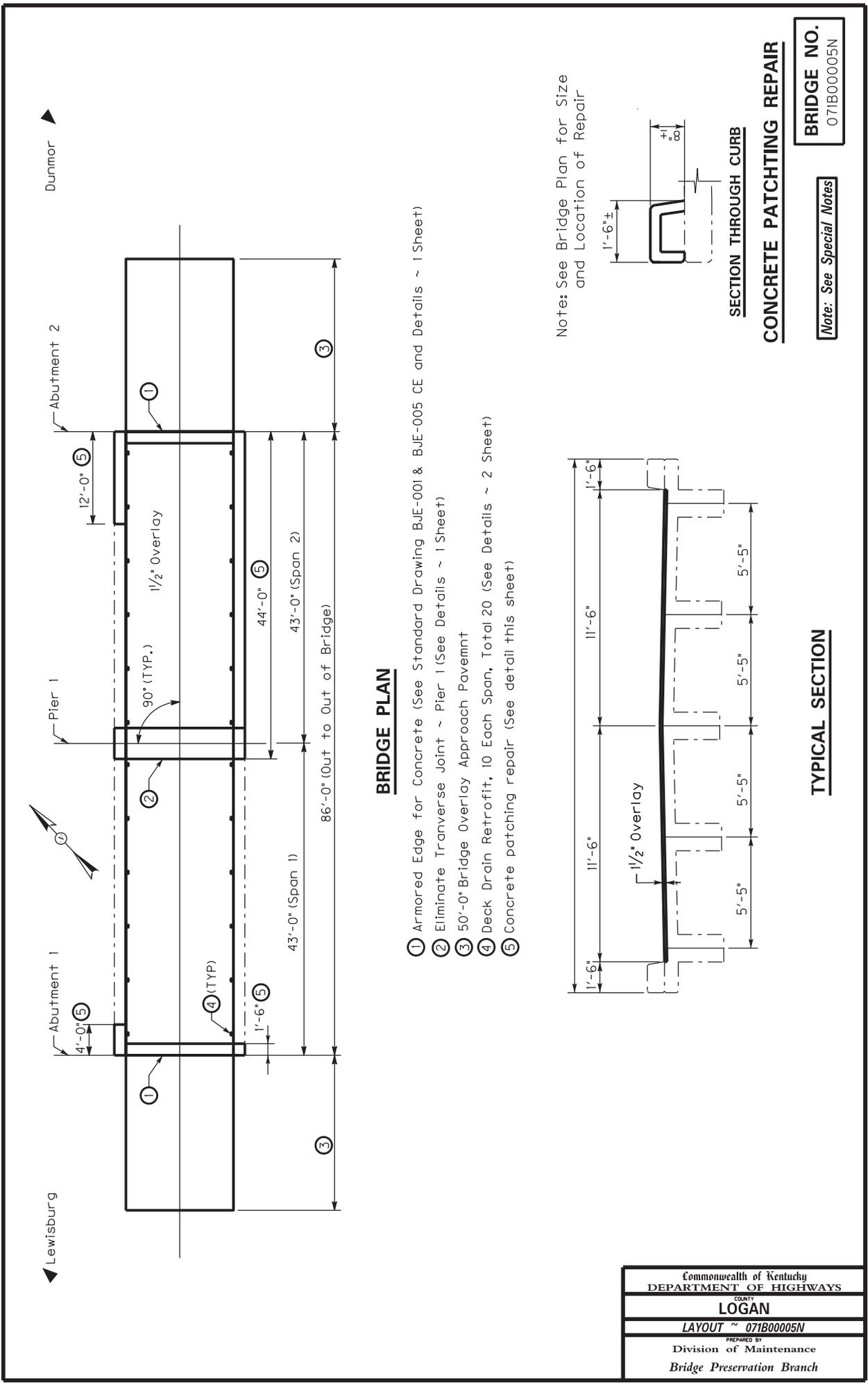
[Note: See Special Notes]

**BRIDGE NO.**  
071B00003N



**TYPICAL SECTION**

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY <b>LOGAN</b>
LAYOUT ~ 071B00003N
PREPARED BY Division of Maintenance Bridge Preservation Branch



**BRIDGE PLAN**

- ① Armored Edge for Concrete (See Standard Drawing BJE-001 & BJE-005 CE and Details ~ 1 Sheet)
- ② Eliminate Transverse Joint ~ Pier 1 (See Details ~ 1 Sheet)
- ③ 50'-0" Bridge Overlay Approach Pavement
- ④ Deck Drain Retrofit, 10 Each Span, Total 20 (See Details ~ 2 Sheet)
- ⑤ Concrete patching repair (See detail this sheet)

Notes: See Bridge Plan for Size and Location of Repair

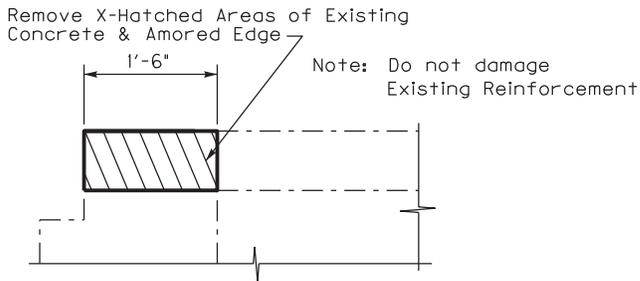
**SECTION THROUGH CURB**  
**CONCRETE PATCHING REPAIR**

**BRIDGE NO.**  
071B00005N

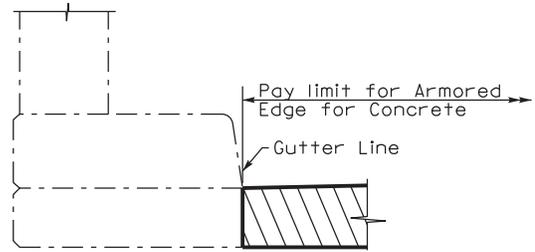
**Note:** See Special Notes

**TYPICAL SECTION**

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY <b>LOGAN</b>
LAYOUT ~ 071B00005N
PREPARED BY Division of Maintenance Bridge Preservation Branch

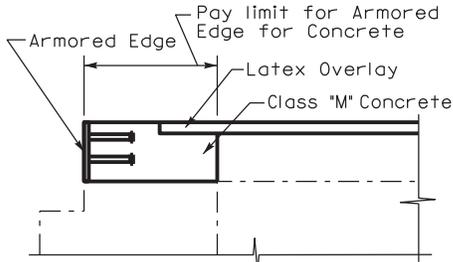


**SECTION THROUGH SLAB END**  
(Existing)

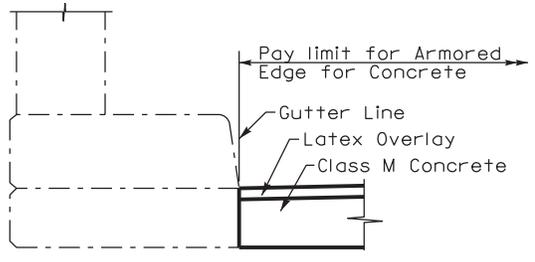


**SECTION THROUGH PAPAPET**  
(Existing)

Note: See Standard Drawings  
BJE-001 and BJE-005 for  
Additional Notes and Details.



**SECTION THROUGH SLAB END**  
(Proposed)

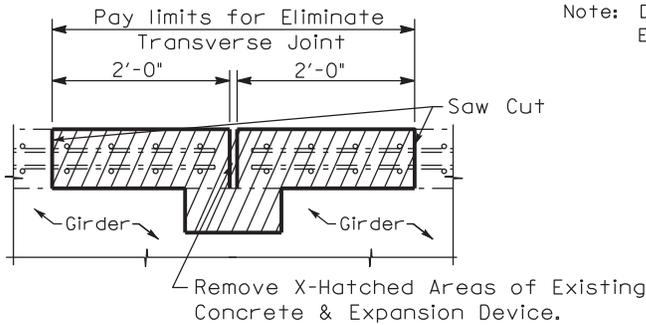


**SECTION THROUGH PAPAPET**  
(Proposed)

**AMORED EDGE FOR CONCRETE**

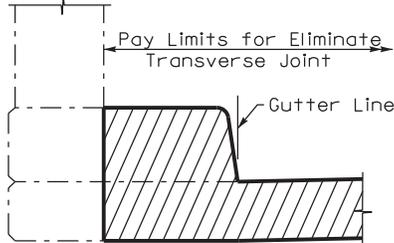
**BRIDGE NO.**  
071B00002N  
071B00003N  
071B00005N

Note: See Special Notes

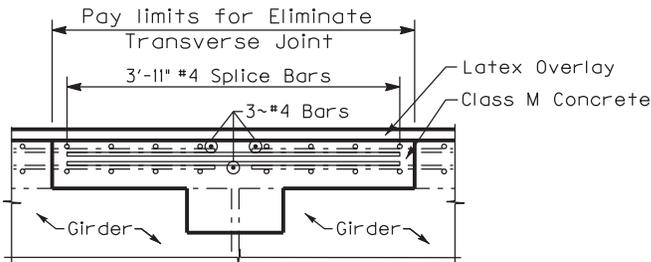


**SECTION THROUGH JOINT**  
(Existing)

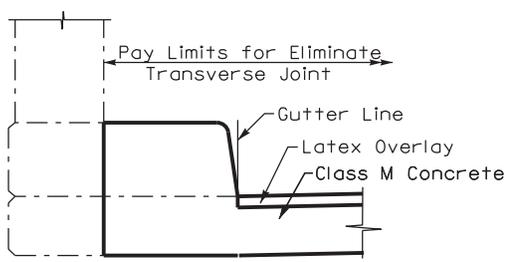
Note: Do not damage  
Existing Reinforcement



**SECTION THROUGH PAPAPET**  
(Existing)



**SECTION THROUGH JOINT**  
(Proposed)



**SECTION THROUGH PAPAPET**  
(Proposed)

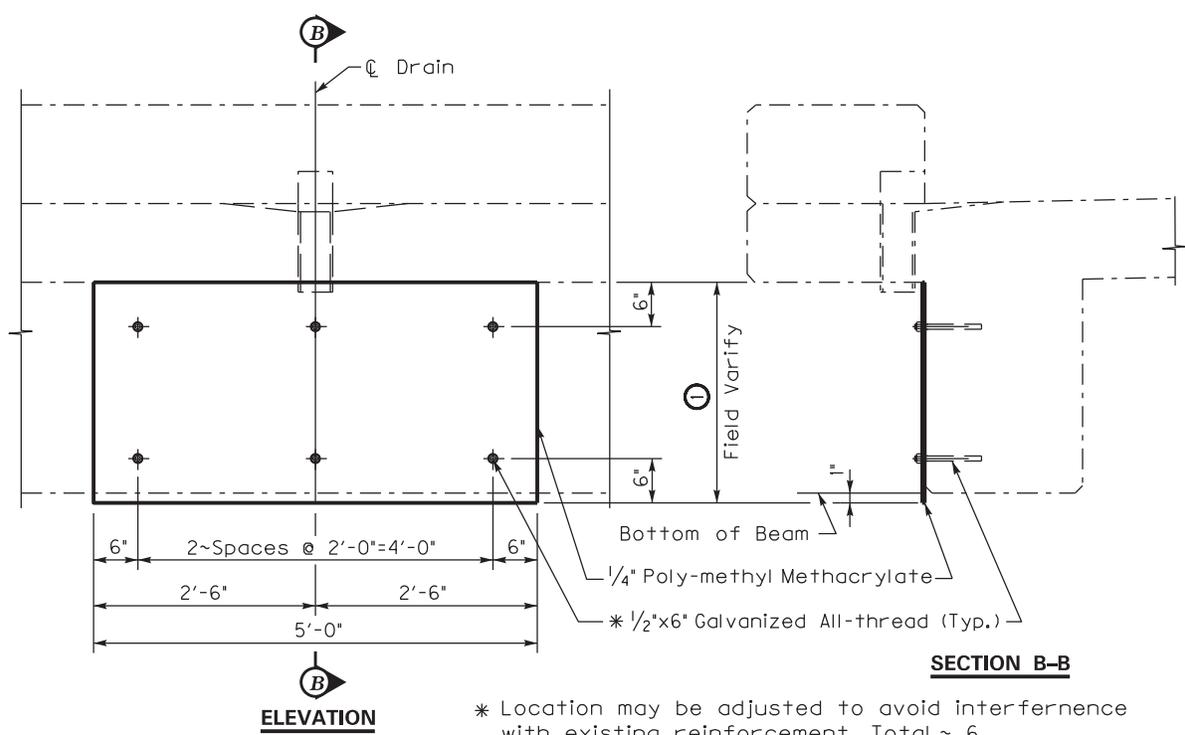
**ELIMINATE TRANSVERSE JOINT**

**BRIDGE NO.**  
071B00002N  
071B00003N  
071B00005N

Note: See Special Notes

Commonwealth of Kentucky  
DEPARTMENT OF HIGHWAYS  
COUNTY  
**LOGAN**  
**DETAILS ~ 1**  
PREPARED BY  
Division of Maintenance  
Bridge Preservation Branch

- ① 071B00002N ~ 3'-7±
- 071B00003N ~ 2'-8±
- 071B00005N ~ 2'-8±



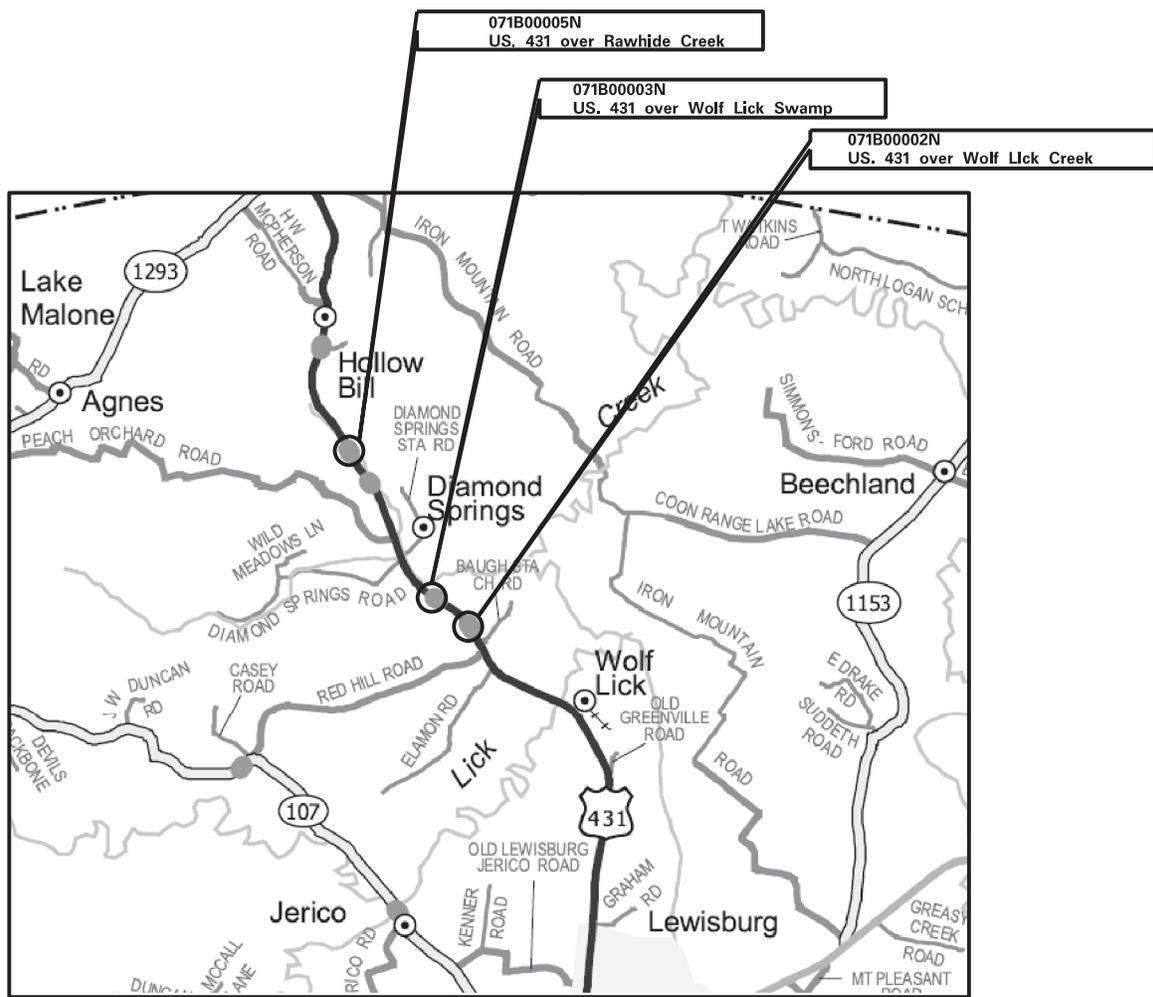
\* Location may be adjusted to avoid interference with existing reinforcement. Total ~ 6.

**DECK DRAIN RETROFIT**

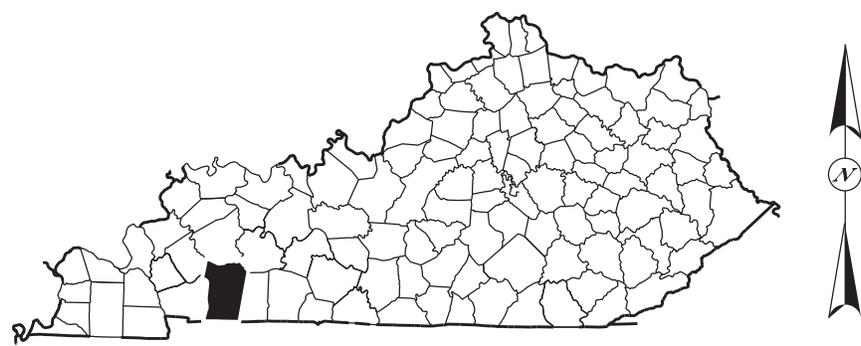
<b>BRIDGE NO.</b>
071B00002N
071B00003N
071B00005N

**Note: See Special Notes**

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY <b>LOGAN</b>
<b>DETAILS ~ 2</b>
PREPARED BY Division of Maintenance Bridge Preservation Branch



**LOCATION MAP ~ LOGAN COUNTY**



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS
COUNTY <b>LOGAN</b>
<b>LOCATION MAP</b>
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>

**SPECIAL NOTES**  
**DISTRICT NO. 3**  
**BRIDGE DECK RESTORATION AND WATERPROOFING**  
**LOGAN- COUNTY**  
**CID 232964 ~ 071GR23M038**

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

LANE CLOSURE TWO LANE HIGHWAY  
LANE CLOSURE USING TRAFFIC SIGNALS

TTC-100 C.E.  
TTC-110 C.E.

**BRIDGES**  
**STANDARDS**

BRIDGE RESTORATION AND WATERPROOFING  
WITH CONCRETE OVERLAYS  
AMORED EDGES  
EXPANSION JOINT REPLACEMENT 1"-3"  
EXPANSION JOINT REPLACEMENT GENERAL NOTES

BGX-009 C.E.  
BJE-001 C.E.  
BJE-003 C.E.  
BJE-005 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 administrating 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](mailto: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**

**PROPOSAL BID ITEMS**

232964

Page 1 of 1

Report Date 6/26/23

**Section: 0001 - BRIDGES**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	02562		TEMPORARY SIGNS	435.00	SQFT		\$	
0020	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO 071B00002N	1.00	LS		\$	
0030	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO 071B00003N	1.00	LS		\$	
0040	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO 071B00005N	1.00	LS		\$	
0050	02653		LANE CLOSURE	6.00	EACH		\$	
0060	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0070	03293		EXPAN JOINT REPLACE 1 IN	46.00	LF		\$	
0080	03299		ARMORED EDGE FOR CONCRETE	138.00	LF		\$	
0090	03300		ELIMINATE TRANSVERSE JOINT	78.00	LF		\$	
0100	03304		BRIDGE OVERLAY APPROACH PAVEMENT	768.00	SQYD		\$	
0110	04933		TEMP SIGNAL 2 PHASE	3.00	EACH		\$	
0120	06514		PAVE STRIPING-PERM PAINT-4 IN	2,783.00	LF		\$	
0130	06549		PAVE STRIPING-TEMP REM TAPE-B	3,000.00	LF		\$	
0140	06550		PAVE STRIPING-TEMP REM TAPE-W	6,000.00	LF		\$	
0150	06551		PAVE STRIPING-TEMP REM TAPE-Y	6,000.00	LF		\$	
0160	08150		STEEL REINFORCEMENT	1,192.00	LB		\$	
0170	08504		EPOXY SAND SLURRY	171.00	SQYD		\$	
0180	08504		EPOXY SAND SLURRY 111B00055N	197.00	SQYD		\$	
0190	08510		REM EPOXY BIT FOREIGN OVERLAY	1,266.00	SQYD		\$	
0200	08526		CONC CLASS M FULL DEPTH PATCH	4.00	CUYD		\$	
0210	08534		CONCRETE OVERLAY-LATEX	52.70	CUYD		\$	
0220	08549		BLAST CLEANING	1,633.00	SQYD		\$	
0230	22146EN		CONCRETE PATCHING REPAIR	216.00	SQFT		\$	
0240	24094EC		PARTIAL DEPTH PATCHING	35.00	CUYD		\$	
0250	24692EC		DECK DRAIN RETROFIT	120.00	EACH		\$	

**Section: 0002 - DEMOB**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0260	02569		DEMOBILIZATION	1.00	LS		\$	