



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

August 21, 2019

CALL NO. 105
CONTRACT ID NO. 195135
ADDENDUM # 2

Subject: BRACKEN COUNTY, STP BRZ 9030 (030)
Letting August 23, 2019

(1)Added - Special Notes - Pages 27(a)- 27(d) of 124

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

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

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

SPECIAL NOTE FOR BRIDGE CLEANING AND PREVENTATIVE MAINTENANCE

Bracken County SYP 06-10008

I. DESCRIPTION

Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway's 2012 Standard Specification for Road and Bridge Construction applicable Supplemental Specifications, Standard Drawings, 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) Stratified and pack rust removal; (3) Pressure washing; (4) Lubricate bearing devices; (5) Drain Retrofits; (6) Maintain and control traffic; (7) All other work required for this contract.

II. SCOPE OF WORK

- A. Stratified and Pack Rust Removal.** Stratified and pack rust shall be removed from all bearing devices. See attached detailed drawings showing location and quantity of the bearing devices. Hand tools including wire brushes, scrapers or impact devices (hand hammers or power chisels) are to be used for removing stratified and pack rust. All surfaces to have stratified and pack rust removed shall be cleaned to an SSPC SP-2 level. All debris collected shall be disposed of in a suitable off-site disposal facility.
- B. Pressure Washing.** Specified bearings shall 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.
- C. Bearing Lubrication.** Bearing devices shall be lubricated after all stratified rust and pack rust is removed and power washing is complete, bearing devices shall have lubricant applied to all surfaces of the bearing including bearing plates and points of movement. See attached detailed drawings for each bridge showing location and quantity of the bearing devices. Allow bearing devices to dry before lubricant is applied. Lubricant must be applied within 48 hours of completing washing. One of the following lubricants, or an approved equal, shall be used:

‘Never Seez – Mariner’s Choice’ produced by Bostik Inc.

‘Mobil Centaur Moly NLGI Grades 1 or 2’ produced by Mobil Oil

‘Premalube #1 WG’ produced by Certified Labs

- D. Drain Retrofit.** Install drain retrofits using commercially available acrylic sheets, concrete anchors and washers according to the attached detailed drawings. Any acrylic sheets with cracks or other damage will be rejected and shall be replaced at the Contractor’s expense.

III. SEQUENCE OF WORK

Complete work in the sequence listed below:

1. Stratified Rust Removal
2. Pressure Washing
3. Bearing Lubrication
4. Drain Retrofit

IV. STRUCTURE COMPONENT DEFINITIONS

Gutters

Gutter includes all inside surfaces of barriers and plinth walls, gutter lines 3 feet onto the deck the entire length of bridge including end bent and abutment wing walls.

Deck Drains

Deck drains include all couplings, funneling systems, drains, scuppers and downspouts.

Joints

Specified open joints at bridge end and piers. This includes all troughs below the joint if applicable.

Bearing Devices

Steel bearings to have stratified and pack rust removed, pressure washed and lubricated.

Concrete Surfaces

Specified surfaces of abutment caps, end bent caps, pier caps and parapet walls.

Wash Water

Use clean potable water for all pressure washing,

Access and Inspection Access

The Contractor shall provide OSHA compliant safe access for all cleaning operations and inspection.

V. 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.

Stratified Rust or Pack Rust Removal:	Visual Inspection and Scraper Test any surface cleaned to SSPC SP2 will be inspected by a dull scraper test to ascertain adherence of coating edges.
Power Washing:	Visual Inspection
Bearing Lubrication:	Visual Inspection.
Drain Retrofit:	Visual Inspection

VI. SEASONAL AND WEATHER LIMITATIONS

Work will only be performed when the temperature measured at the area of the bridge is greater than 40 degrees Fahrenheit. All materials specified shall be applied according to the manufactures specifications.

VII. DAMAGE

Any damage to structure that occurs during the cleaning operations shall be repaired by the Contractor to satisfaction of the Engineer at no additional expense to the cabinet.

VIII. MEASUREMENT

A. Bridge Cleaning and Preventative Maintenance: The Cabinet will measure this item as "Lump Sum".

IX. PAYMENT

Bridge Cleaning and Preventative Maintenance: The contract price for this item will be paid as a lump sum. The payment for this bid item at the contract unit price of Lump Sum shall be considered full compensation for complete and accepted work for all work items described in this note and attached detailed drawings which includes all labor, materials, equipment needed to complete all specified items in this contract for 'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE.

X. SITE VISIT

Contractors are encouraged to visit each site prior to bidding in order to become familiar with the requirement of this work. The Cabinet will not consider any claims due to the Contractor having not familiarized themselves with requirements of this work.

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.