



Matthew G. Bevin
Governor

COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

July 24, 2019

CALL NO. 301
CONTRACT ID NO. 191229
ADDENDUM # 1

Subject: HENDERSON COUNTY, FD04 051 9005 015-016
Letting July 26, 2019

(1)Added - Special Notes - Pages 1-6 of 6

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



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SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY REGULATIONS

(A) Governing regulations

The existing paint in this project may contain lead, which is classified as a hazardous (toxic) material. Be knowledgeable of and comply with, all **lead-related** environmental and health regulations governing the Contractor's operations. Comply with regulations current at the time the work is performed and all requirements herein. Collect, transport to waste storage sites, and store hazardous wastes/materials in accordance with applicable environmental and health regulations. The contractor is solely responsible for collection, transport, storage and disposal of all industrial wastes.

(B) Liabilities and Obligations

The contractor shall be solely responsible for compliance with all applicable environmental and health and safety regulations to the satisfaction of the applicable government regulatory agencies and the Department. The Department assumes no obligations or liabilities for work stoppages or fines due to enforcement actions by government regulatory agencies or to related delays that the Department deems necessary.

(C) State and Local Regulatory Agencies

State and local regulatory agencies charged with enforcing **most** regulations affecting the generation of hazardous wastes and worker safety issues are:

Kentucky Occupational Safety and Health Program, Labor Cabinet, Commonwealth of Kentucky, Frankfort, Kentucky

Environmental and Public Protection Cabinet, Commonwealth of Kentucky, Frankfort, Kentucky

(D) Groundwater and Surface water Protection

The contractor shall prepare and implement a groundwater and surface water protection plan in accordance with **401 KAR 5:037 (Ground Water), KRS 224.70-110 and 401 KAR 10:031 (Surface water)** with the exception that hazardous waste or hazardous materials container volume is not limited to greater than 55 gallons or weight to 100 pounds.

SPECIAL NOTE FOR SURFACE PREPARATION AND PAINT APPLICATION

A. CATCH BASIN SYSTEM ~ PAINT CLEARANCE GAUGES

The Contractor shall construct a catch basin system to contain waste wash water for filtering during pressure washing procedures and contain any coatings the may be spilled during the coating application.

B. SURFACE PREPARATION ~ PAINT CLEARANCE GAUGES

Pressure Washing

Clean all surfaces to be painted by pressure washing. Equip spray wands used in pressure washing with 0° spinner tips to remove loose material. Equip the pressure washer(s) with calibrated gage(s) and pressure regulators to ascertain and regulate water pressure. All equipment for pressure washing shall be operated at a pressure of approximately 4,500 psi. (plus or minus 200 psi) at the working location with a minimum flow rate of 3.5 gal/minute provided that these pressures do not disturb intact existing coatings. Pressure and flow rates shall be reduced or increased to a level satisfactory to the Engineer should any existing intact coating is disturbed due to power washing procedures. The washing wand must be approximately perpendicular to the washed surface and within a maximum 12 inches of the surface. Wand extensions greater than 36 inches will be subject to Central Office Division of Construction approval. Use clean potable water for all pressure washing.

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 and other work. The Department will not consider any claims based on residual lead paint.

C. PAINT APPLICATION ~ PAINT CLEARANCE GAUGES

All paint application shall be executed by the Manufacture’s Recommendations. Areas shall not be painted until they have been inspected and approved by the Engineer. Paint shall be applied only to clean, dry surfaces. Apply a concrete coating to the pier as shown on the attached detailed drawings with a coating from the list of concrete coatings below. All paint application shall be executed using brushes, rollers, etc. No spray application shall be permitted. Painting shall not start unless it can be reasonably expected that the clearance gauge can be completed with all paint coats plus at least seven (7) days time before any portion of the clearance gauge may become submerged.

Manufacture	Prime Coat	Finish Coat
Tnemec -	Elastogrip 151	EnviroCrete 156
Sherwin Williams -	Macropoxy 920	Acrolon 218 HS
Carboline -	Carboguard 890	Carbothane 133 HB

The finish coat shall be white for the background and black for the numerals.

See attached detailed drawing for Paint Clearance Gauges.

Do not perform surface preparation or paint application before April 15, 2014 unless the Engineer provides written permission or when weather conditions, in the judgment of the Engineer, are unsatisfactory for work. Perform surface preparation and apply paint only when weather conditions meet the manufactures recommendations.

Damages - All steps necessary to preclude damage to public property from paint overspray shall be taken. The contractor shall be solely responsible for any damages arising from the painting operations.

Repair of paint defects - All defects in the new paint shall be repaired.

Waste Wash Water (Paint Clearance Gauges)

All wash water will be filtered prior to release. Employ filter fabric consisting of a polypropylene, non-woven, needle-punched geo-textile or equivalent. The fabric will have the following properties:

Grab tensile (ASTM D4632):	100 lbs. or greater
Apparent opening size (ASTM D4751):	0.43 mm (#40 US Sieve)
Permittivity (ASTM D4491):	0.7 - 1.0 sec. or better

Contractors may use 85% screens in the bottom of catch basin to support filter fabric. Containment must be constructed so that all wash water passes through filter fabric prior to release.

All filtered wash water will be released where it will flow directly to the Green River.

The Regional office of the Division of Water shall be notified **Two (2) days** prior to the discharge occurring.

Provide written certifications from the filter fabric manufacturer(s) that the material furnished complies with the requirements of this specification.

The Department will obtain approval for release of the filtered wash water.

The Department will conduct periodic sampling of the wash water during the project.

See attached approval letter with conditions for One-Time Discharge Authorization.

Waste Sampling

The Contractor will arrange for an independent agency to obtain representative samples of wastes created at each structure. Samples will be submitted to a KYTC approved independent agency for TCLP (Toxicity Characteristic Leaching Procedure) waste determination. Any debris determined to be hazardous by TCLP will be handled, transported, and disposed of as hazardous waste. Additional payment will be made for the cost only to transport and dispose of any debris that is determined hazardous.

SPECIAL NOTE FOR NESTING BIRDS

In accordance with KYTC policy and in compliance with the federal Migratory Bird Treaty Act, 50 CFR 21.41, the destruction of active nests during painting operations is prohibited. If any birds are observed using the bridge for nesting within the area of the bridge that will be impacted by cleaning/painting operations, the contractor or subcontractor must stop work in that area and contact Andrew Logsdon of the KYTC Division of Environmental Analysis (502) 564-7250. Instructions will then be provided on how to proceed with the project.