



**TRANSPORTATION CABINET**

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

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

March 24, 2014

CALL NO. 338  
CONTRACT ID NO. 142652  
ADDENDUM # 2

Subject: Kenton County, FE02 059 0536 B00070N  
Letting March 28, 2014

- (1) Revised - Completion Date - Page 13 of 62
- (2) Revised - Special Note - Pages 14-15 of 62
- (3) Revised - Drawing - Pages 18, 22 & 23 of 62

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 blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe  
Director  
Division of Construction Procurement

DR:ks  
Enclosures



An Equal Opportunity Employer M/F/D

**SPECIAL NOTE FOR CONTRACT COMPLETION DATE AND  
LIQUIDATED DAMAGES ON BRIDGE REPAIR CONTRACTS**

**I. 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. All work is to be completed not later than **June 30, 2014**.

**II. LIQUIDATED DAMAGES**

Liquidated damages will be assessed to the Contractor in accordance with the Transportation Cabinet, Department of Highway's current edition of Standard Specifications for Road and Bridge Construction, Section 108.09, when the June 30, 2014 date is exceeded.

Contrary to the Standard Specifications, liquidated damages will be assessed to the Contractor during the months of December, January, February, and March when the contract time has expired on any individual bridge or bridges. Contract time will be charged during these months.

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 BEARING REPLACEMENT**

**I. DESCRIPTION.** Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway's 2012 Standard Specifications for Road and Bridge Construction and applicable Supplemental Specifications, the Standard Drawings, this Note, and the attached detailed drawings for Bearing Replacement. Section references are to the Standard Specifications. This work consists of the following: (1) Furnish all labor, materials, tools, and equipment. (2) Maintain and control traffic; and (3) Any other work specified as part of this contract; (4) Bearing Replacement.

### **II. MATERIALS.**

#### **A. Structural Steel**

ASTM Material, A709 Grade 50 Structural Steel Plates and Shapes. Minimum structural steel strength ~ 50,000 psi.

#### **B. High Strength Bolts and Anchor Bolts**

All bolted connection shall be ASTM A325 7/8" diameter high strength bolts, nuts and washers. Holes shall be 15/16" diameter. Maintain a minimum 1 1/2" between the edge of any plate or angle and the center of the bolt hole. Furnish type 1 bolts as described in AASHTO M164. All anchor connections shall be ASTM F1554 Grade 55 Swedged 1 1/4" diameter high strength anchor bolts, nuts, and washers.

#### **C. Cleaning and Painting**

Paint in accordance with Section 607 of the Standard Specification and this special note.

#### **D. Elastomeric Bearing Pads**

See attached detailed drawings.

### **III. CONSTRUCTION.**

**A. Bearing Replacement.** Complete bearing replacement as specified in this special note and shown in the attached detailed drawings. Each bearing shall be replaced one at a time with the no traffic on the lane above.

**B. Remove Existing Bearings.** Remove existing bearings, portion of flange as shown on the attached detailed drawings. Torch cutting will be permitted for the flange removal (Bearing Replacement Type B). Dispose of all removed material entirely away from the job site. This work is considered incidental to the unit price bid "Each" for Bearing Replacement.

#### **C. High Strength Bolts and Anchor Bolts**

Install all high strength bolted field connections using "direct tension indicators" (DTIs) in accordance with the Standard Specifications and ASTM F959. Install DTIs under the bolt head with the bumps facing the underside of the bolt head. Place a hardened washer under the nut tension connection from the nut side. For anchor bolt installation see Section 511 of the Standard Specifications and the attached detailed drawings.

- D. Jack and Support.** Jack and Support the beams under full dead and live loads while replacing the bearings. Jacking Loads = 80 Tons (DL + LL) per beam line. A Jack capacity of 140 Tons or greater per beam line shall be required. The Contractor shall submit his jack and support plan to the Engineer for approval. This plan must be prepared, signed and stamped by a by a licensed Kentucky professional engineer.
- E. Cleaning and Painting.** All existing faying surfaces where new steel is to be installed shall be cleaned and receive the prime in accordance with section 607 of the standard specification. Level of cleaning shall be to an **SSPC-SP 15** (Commercial Grade Power Tool Cleaning). All Power tools shall be equipped with vacuum shrouds and fitted with HEPA filters at their air exhausts. Maintain and operate all vacuum shrouded power tools to collect generated debris. All new structural steel shall be cleaned and painted in accordance with section 607 of the standard specification. The Engineer will specify the extent for all cleaning and painting in the Bearing Replacement areas. All items necessary to complete painting as specified in this note shall be considered incidental to the unit price bid "Each" for Bearing Replacement.
- F. Verifying Field Conditions.** The Contractor shall field verify all plate and shape dimensions, bolt patterns and locations before ordering any material. New material that is unsuitable due to variation in existing structure shall be replaced at the Contractors expense.
- G. Damage to the structure.** The Contractor shall bear all responsibility and expense for any and all damage to the structure during the repair work, even to the removal and replacement of a fallen span, should the fallen span result from the Contractors actions.
- H. Bearing Pads.** Set bearing pads in accordance with Section 607.03.17 of the Standard Specification.
- I. Field Welding.** Section 106.10 applies to all field welding.

#### **IV MEASUREMENT.**

**Bearing Replacement.** The Department will measure the quantity for "Each" repair.

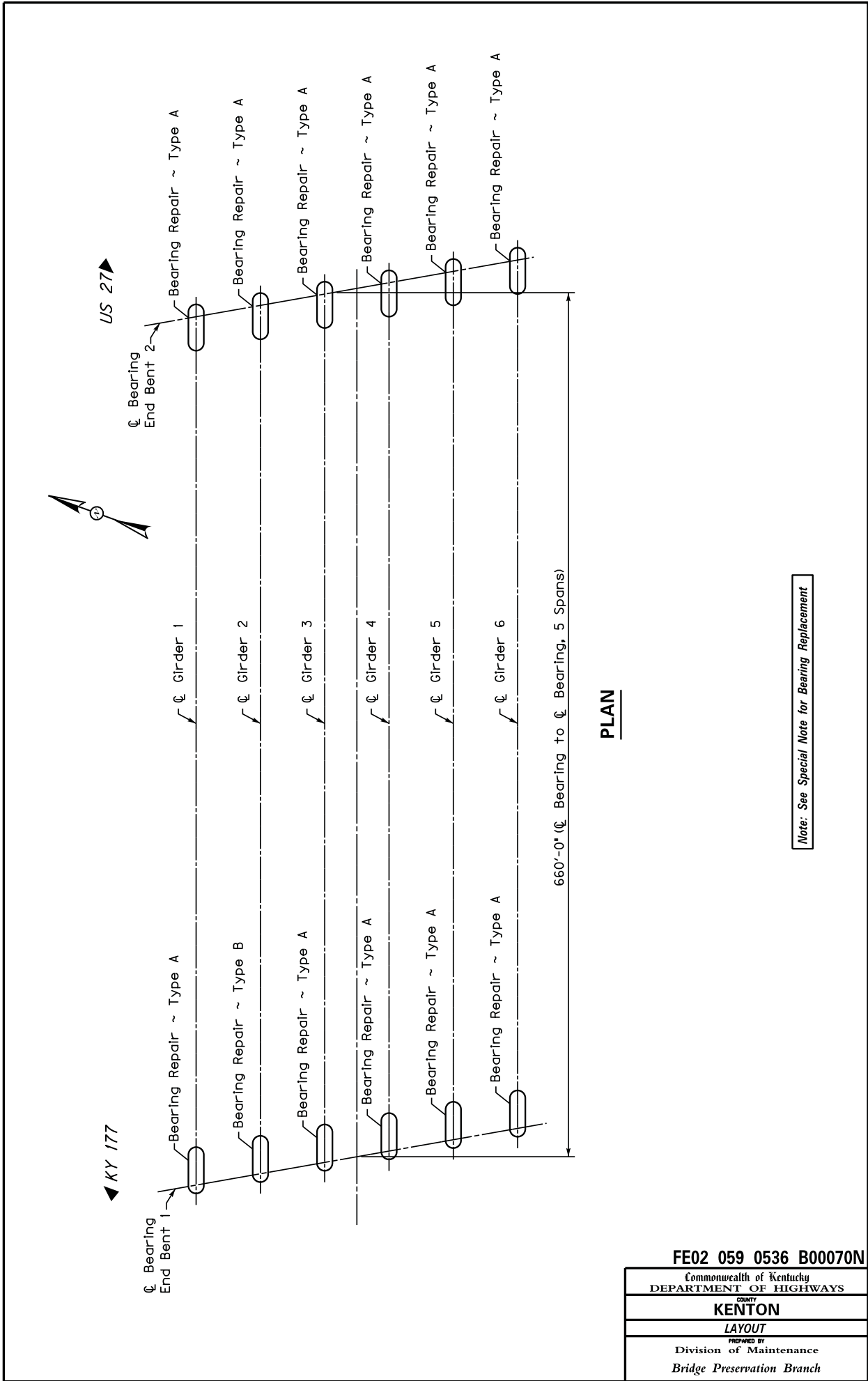
#### **V. PAYMENT.**

**Bearing Replacement (21969NN).** Payment at the contract unit price for "Each" is full compensation for furnishing and installing all material as specified.

#### **VI. LOCATION.**

See attached detailed drawings.

**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.



|                                                                      |
|----------------------------------------------------------------------|
| <b>FE02 059 0536 B00070N</b>                                         |
| Commonwealth of Kentucky<br>DEPARTMENT OF HIGHWAYS                   |
| COUNTY<br><b>KENTON</b>                                              |
| <i>LAYOUT</i>                                                        |
| PREPARED BY<br>Division of Maintenance<br>Bridge Preservation Branch |

Note: See Special Note for Bearing Replacement

