



**TRANSPORTATION CABINET**

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

**Steven L. Beshear**  
Governor

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

May 16, 2011

CALL NO. 407  
CONTRACT ID NO. 112920  
ADDENDUM # 1

Subject: Various Counties, 121GR11M069-FE02  
Letting May 20, 2011

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- (2) Revised - Special Note - Page 14 of 100
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- (4) Revised - Special Note - Page 34 of 100

Proposal revisions are available at <http://transportation.ky.gov/contract/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith  
Director  
Division of Construction Procurement

RG:ks  
Enclosures



An Equal Opportunity Employer M/F/D

CONTRACT ID - 112920

ADMINISTRATIVE DISTRICT - 10

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - VARIOUS  
121GR11M069-FE02 BRIDGE CLEANING AND PAINTING VARIOUS COUNTIES - DISTRICT 10

COUNTY - BREATHITT PES - MB01311101101  
FE02 013 1110 B00039N 15.58  
BRIDGE CLEANING AND PAINTING IN BREATHITT COUNTY KY 1110 OVER NORTH FORK OF KENTUCKY RIVER. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^29'13" LONGITUDE 83^20'43"

COUNTY - ESTILL PES - MB03300891101  
FE02 033 0089 B00012N 11.08  
BRIDGE CLEANING AND PAINTING IN ESTILL COUNTY KY 89 OVER STATION CAMP CREEK. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^41'33" LONGITUDE 83^58'35"

COUNTY - LEE PES - MB06500111101  
FE02 065 0011 B00005N 04.21  
BRIDGE CLEANING AND PAINTING IN LEE COUNTY KY 11 OVER NORTH FORK OF KENTUCKY RIVER. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^34'10" LONGITUDE 83^42'24"

COUNTY - PERRY PES - MB09710621101  
FE02 097 1062 B00082N 02.21  
BRIDGE CLEANING AND PAINTING IN PERRY COUNTY CS 1062 OVER KY 15B. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^15'05" LONGITUDE 83^11'38"

COUNTY - POWELL PES - MB09900771101  
FE02 099 0077 B00029N 02.21  
BRIDGE CLEANING AND PAINTING IN POWELL COUNTY KY 77 OVER RED RIVER. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^49'60" LONGITUDE 83^39'36"

COUNTY - WOLFE PES - MB11904021101  
FE02 119 0746 B00022N 00.26  
BRIDGE CLEANING AND PAINTING IN WOLFE COUNTY KY 746 OVER KY 9009. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^44'44" LONGITUDE 83^31'42"

COUNTY - WOLFE PES - MB11912611101  
FE02 119 1261 B00027N 07.78  
BRIDGE CLEANING AND PAINTING IN WOLFE COUNTY KY 1261 OVER STILL WATER CREEK. BRIDGE PAINTING & CLEANING.  
GEOGRAPHIC COORDINATES LATITUDE 37^43'34" LONGITUDE 83^27'10"

COMPLETION DATE(S):

COMPLETION DATE - November 15, 2011  
APPLIES TO ENTIRE CONTRACT

COMPLETION DATE - September 30, 2011  
APPLIES TO FE02 099 0077 B00029N

### **Abrasive Blast**

All structural steel shall be abrasive blast cleaned to an **SSPC-SP 10/NACE NO. 2** “Near White Metal Blast Cleaning” standard as described in the current SSPC documents. After blast cleaning all surface imperfections that remain (e.g. sharp fins, sharp edges, weld splatter, burning slag, scabs, slivers, etc.) shall be removed. The surface profile shall be **1.5 to 4.5 mils** as measured in accordance with **ASTM D 4417 Method B**.

### **Abrasive Media**

Clean, dry, uniformly graded recyclable steel grit or grit/shot abrasive mix shall be used to produce an angular profile for blast cleaning that is free of oil, soluble salts and other similar substances which could contaminate the blasted surface. The abrasive shall meet the **SSP-AB 2** “Cleanliness of Recycled Ferrous Metallic Abrasive” standard.

**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.

### **D. PAINT APPLICATION**

Areas shall not be painted until they have been inspected and approved by the Engineer. Paint shall be applied only to clean, dry surfaces. Ensure that the appropriate surface condition, as described in the Abrasive Blast Cleaning section, is present at the time of primer application (i.e. re-treat if rust-back occurs).

Apply a **Class II (Type I or Type II)** system from the approved list referenced in the **SPECIAL NOTE FOR PAINT** for the following structures:

**FE02 033 0089 B00012N 11.08**  
**FE02 065 0011 B00005N 04.21**  
**FE02 097 1062 B00082N 02.21**  
**FE02 099 0077 B00029N 04.30**  
**FE02 119 0746 B00022N 00.26**

Apply **System 1** referenced in the Special Note for Paint to the **FE02 013 1110 B00039N 15.58** Structure.

Apply **System 2** referenced in the Special Note for Paint to the **FE02 119 1261 B00027N 07.78** Structure.

All coatings shall be applied within manufacturers recommended dry film thickness range. Comply with KYTC “Standard Specifications for Road and Bridge Construction” **Section 614.03.02** and coatings supplier recommended conditions for application.

The finish coat shall be gray closely approaching Federal Standard 595 Color **FS X6187** for the following structures:

**FE02 013 1110 B00039N 15.58**  
**FE02 033 0089 B00012N 11.08**  
**FE02 065 0011 B00005N 04.21**  
**FE02 097 1062 B00082N 02.21**  
**FE02 119 0746 B00022N 00.26**  
**FE02 119 1261 B00027N 07.78**

### SPECIAL NOTE FOR QUALITY CONTROL

The contractor shall provide QC inspectors to monitor all work, insure that all work is completed in accordance with the Special Notes and Standard Specifications, and record inspection results. All QC inspectors shall possess at a minimum one of the following certifications: **SSPC-BCI level 1 or NACE CIP level 1 & CIP One Day Bridge Course**. The QC inspector(s) shall not perform production work that requires QC/QA inspection. The Department's (QA) inspector shall conduct in-progress reviews of the Contractor's operations and perform follow-up quality assurance (QA) inspections after the QC inspector has certified that a portion of work is complete.

For the **FE02 013 1110 B00039N 15.58** and the **FE02 119 1261 B00027N 07.78** structures the contractor shall provide lighting, for both QC and QA inspectors, meeting the requirements of ASTM E2501 – 07. The contractor will also provide at least one spectroradiometer meeting the requirements of ASTM E2501 – 07. Inspection of applied coatings will not proceed without the specified lighting and spectroradiometer in good working condition. Containment will remain in place through the QC/QA process for all coatings.

The contractor will provide eye ware for all inspectors or other personnel observing the specified inspection lighting. The eye ware will be one of the following.

Manufacturer	Model
Yamamoto-Kogaku	YS-760 UV Yellow
Elvex	TTS SG-15A
AO Safety	X-Factor 174661
Pyramex	Venture II SB1830S
Pyramex	Ztek S2530S
Elvex	Ranger SG-10A
3M	Virtua AP Amber 11817-00000-20

All specified equipment shall become the property of KYTC and received in good working condition upon completion of the project.

**Progress of Work** - Work shall proceed by sections, bays or other readily identifiable parts of the structure. All work shall proceed from top to bottom of the structure. The work shall be broken down into adjacent sections (control areas) separated by bulkheads. Bulkheads shall be sealed to the containment and meet all **SSPC Guide 6 – Containment Classification Class 2A** requirements. Only one phase of work shall be permitted in a given control area at any time.

In any control area, Quality Control Point inspection and approval shall precede the start of succeeding phases of work. Quality Control Points are progress milestones that occur when one phase of work is complete and ready for inspection prior to continuing with the next operational step. At those points, the Contractor shall provide the Departments QA inspectors with OSHA compliant access to inspect all pertinent surfaces. If QA inspection indicates a deficiency, that phase of the work shall be corrected and re-inspected prior to beginning the next phase of work.

**SPECIAL NOTE FOR COMPLETION DATE  
(FE02 099 0077 B00029N 04.40 STRUCTURE ONLY)**

Contrary to the KYTC standard specification all work for the FE02 099 0077 B00029N shall have the completion date of September 30, 2011. Failure to complete the work by the specified completion date will result in an addition liquidated damage of \$10,000.00 per day beyond the specified date.