



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

September 7, 2012

CALL NO. 406
CONTRACT ID NO. 122957
ADDENDUM # 1

Subject: Laurel-Whitley Counties, 121GR12M109-FE02
Letting September 14, 2012

- (1) Revised - Completion Date - Page 4 of 63
- (2) Revised - Special Notes (Index) - Page 10 of 63
- (3) Added - Special Note for Completion Date - Page 11(a) of 63
- (4) Revised - Special Notes - Pages 12, 31, 32, & 34 of 63
- (5) Added - Drawing - Pages 37(a) & 41(a) of 63
- (6) Revised - Material Summary - Page 42 of 63
- (7) Revised - Bid Items - Page 63 of 63

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 "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

SPECIAL NOTES FOR CLEANING AND PAINTING

SPECIAL NOTE FOR BIDDING PREQUALIFICATION AND STAFFING

SPECIAL NOTE FOR COMPLETION DATES

SPECIAL NOTE FOR SURFACE PREPARATION AND PAINT APPLICATION

SPECIAL NOTE FOR WASTE MANAGEMENT

SPECIAL NOTE FOR RECYCLABLE SURFACE PREPARATION RESIDUE
MANAGEMENT

SPECIAL NOTE FOR QUALITY CONTROL

SPECIAL NOTE FOR PAINT

SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY
REGULATIONS

SPECIAL NOTE FOR PRE-BID CONFERENCE

SPECIAL NOTE FOR PAYMENT

SPECIAL NOTE FOR STENCILING

SPECIAL NOTE FOR UTILITIES AND SIGNS

SPECIAL NOTE FOR WEIGHT LIMITS ON STRUCTURE

SPECIAL NOTE FOR RESEALING EXPANSION DAMS

SPECIAL NOTE FOR STEEL REPAIRS

GENERAL NOTE FOR MAINTAINING AND CONTROL TRAFFIC

SPECIAL NOTE FOR COMPLETION DATES

Contrary to **Kentucky Transportation Cabinet Department of Highways Standard Specification for Road and Bridge Construction, Edition of 2012 section 614.03.02 Seasonal and Weather Limitations**; All work, including, but not limited to repair of structural steel, cleaning and painting, maintenance of traffic, all punch list items, and any repair to roadway, repair of vegetation in easement, repair of ground in easement etc. for the **FE02 063 0192 B00067N** structure shall be completed between the dates of **November 15, 2012 through February 28, 2013**. No work of any kind will be permitted outside of this time period.

The Contractor shall be required to maintain all conditions for coating application as specified in Section 614.03.02 of the standard specification and the paint manufacture's recommendations whichever is most restrictive. The contractor shall submit his containment heating plan for approval of the Engineer, see special note for surface preparation and paint application.

Structures; **FE02 063 0030 B00009N** and **FE02 118 0025 B00090N** work shall be in conformance to **Kentucky Transportation Cabinet Department of Highways Standard Specification for Road and Bridge Construction, Edition of 2012 section 614.03.02 Seasonal and Weather Limitations**.

SPECIAL NOTE FOR SURFACE PREPARATION AND PAINT APPLICATION

All structural steel shall be cleaned and painted in accordance with the Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction (current edition), and the following requirements:

A. SUBMITTALS

The Contractor shall comply with the submittal requirements detailed in Section 108 of the 2012 Standard Specifications for Road and Bridge Construction and submit the following **written** items to the Project Engineer **14 days** prior to the Pre-Construction Conference:

1. A detailed Progress of Work Schedule. The Progress of Work Schedule will be reviewed and approved by the KYTC Engineer.
2. Traffic Control Plan. The Traffic Control Plan will be reviewed and approved by the KYTC Engineer.
3. Worker Protection Plan. The Worker Protection Plan will be reviewed by the KYTC Engineer.
4. Environmental Compliance Plan, including a Waste Management and a Ground Water and Surface Water Protection Plan. The Environmental Compliance Plans will be reviewed by the KYTC Engineer.
5. Manufacturers' recommended Film Thickness and application conditions for the coating system to be used.
6. Rigging and Containment Plan, Design for rigging and containment shall be signed and stamped by a licensed Kentucky professional engineer. The design for containment will be reviewed by the KYTC engineer.
7. Containment heating plan, will be reviewed **for approval** by the KYTC Engineer

All submittals must be received, accepted and/or approved prior to beginning any work.

B. CONTAINMENT

All structural steel shall be totally enclosed during all phases of the work. All containment shall meet the criteria for **SSPC Guide 6 – Containment Classification Class 2A** for cleaning and painting of structural steel bridges.

Air Pressure- Negative air pressure meeting the requirements for **Type H2** shall be maintained.

Air Movement- A minimum air movement in containment is not specified but the contractor shall demonstrate that the air movement in the containment will provide the necessary engineering control to comply with OSHA worker safety requirements (i.e., lead standards as required by **29 CFR 1926**).

Emissions - Quantity of emissions from containment for structural steel bridges shall be assessed using Method A – Visible Emissions of **SSPC Guide 6** - Level 1 Emissions. Emissions shall be monitored for at least 15 minutes and reported in the logbook (**SEE SPECIAL NOTE FOR QUALITY CONTROL**) at least once for every four (4) hours of cleaning and painting.

SPECIAL NOTE FOR STEEL REPAIRS

- 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. Section references are to the Standard Specifications. This work consists of the following: (1) Furnish all labor, materials, tools, and equipment; (2) Beam Repair; (3) Bearing Replacement; (4) Replace/Repair Steel Diaphragm; (6) Any other work specified as part of this contract.
- II. MATERIALS.**
- A. Structural Steel.** See attached detailed drawings.
- B. Paint.** See Special note for Surface Preparation and Paint Application.
- III. CONSTRUCTION.**
- A. Steel Repairs.** Complete all repair and replacement items listed as specified and shown in the attached detailed drawings. Steel repair includes bid items for Beam Repair, Bearing Replacement, Replace/Repair Steel Diaphragm and Reset Bearing Shoe.
- B. Paint.** All steel repairs shall be completed before any cleaning and painting operations other than the faying surfaces where new steel is to be installed. All existing faying surfaces where new steel is to be installed shall be cleaned and receive the prime coat as specified in the Special note for Surface Preparation and Paint Application before any new steel is installed. 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. Contrary to the Standard Specification the new structural steel shall receive the same prime coat as specified in the Special note for Surface Preparation and Paint Application with the exception all surface preparation and the prime coat of shall be executed in the shop. Necessary touch up/repair of the shop applied prime coat on the new steel may be performed in the field.
- IV MEASUREMENT.**
- A. Beam Repair** The Department will measure the quantity for "Each" for each beam repair as shown on the attached detailed drawings.
- B. Bearing Replacement.** The Department will measure the quantity for "Each" bearing replacement as shown on the attached detailed drawings.
- C. Replace/Repair Steel Diaphragm.** The Department will measure the quantity for "Each" Diaphragm as show on the attached detailed drawings.
- D. Reset Bearing Shoe.** The Department will measure the quantity for "Each" Reset Bearing Shoe as shown on the attached detailed drawings.

V. PAYMENT.

- A. Beam Repair (24093EC).** Payment at the contract unit price for “Each” is full compensation for removing specified existing materials, furnishing and installing the new material and all incidental items necessary to complete the work.
- B. Bearing Replacement (21969NN).** Payment at the contract unit price for “Each” is full compensation for removing specified existing materials, furnishing and installing the new material and all incidental items necessary to complete the work.
- C. Replace/Repair Diaphragm (23173EC).** Payment at the contract unit price for “Each” is full compensation for removing specified existing materials, furnishing and installing the new material and all incidental items necessary to complete the work.
- D. Reset Bearing Shoe. (03305)** Payment at the contract unit price for “Each” is full compensation for removing specified existing materials, furnishing and installing the new material, repositioning the existing bearing and all incidental items necessary to complete the work.

VI LOCATION.

Steel repairs to be performed on the FE02 063 0192 B00067N 00.02 and the FE02 118 0025 B00090N 33.75 structures as shown the attached detailed drawings.

Payment

Payment of the contract lump sum amount for "maintain and control traffic" shall be full compensation for all items necessary to maintain and control traffic on this project. All traffic control items shall remain the property of the contractor when the work is complete.

FE02 063 0030 B00009N 00.97

Laurel County ~ KY 30 over South Fork Rockcastle River

FE02 063 0192 B00067N 00.02

Laurel County ~ KY 192 over Rockcastle River

FE02 118 0025 B00090N 33.75

Whitley County ~ US 25 over Lynn Camp Creek

Maintain one usable 12 foot lane. Flagging or traffic signals shall be used. If traffic signals are used the Contractor shall use flagging to minimize impact on school bus traffic when school is in session. The Contractor shall be responsible for establishing the dates and times when school bus traffic will impact the job site.

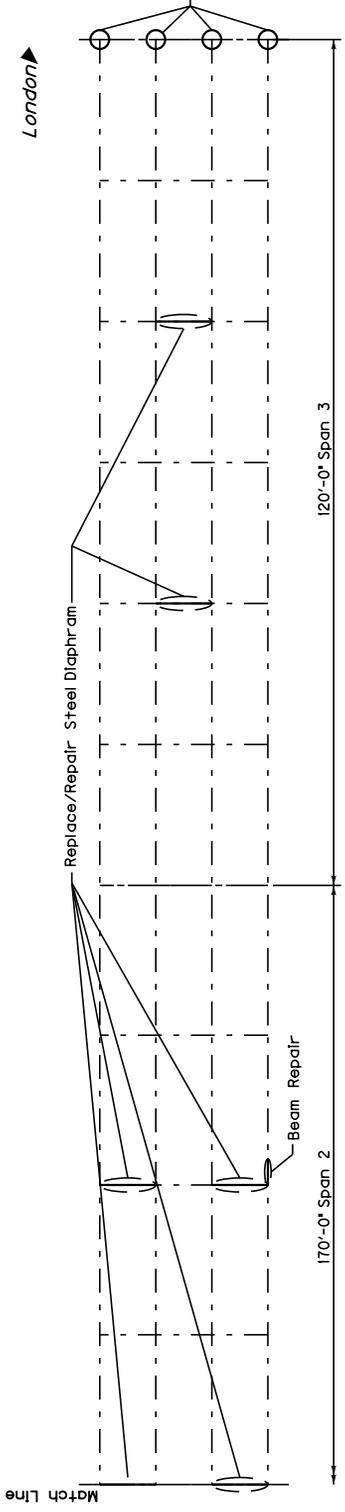
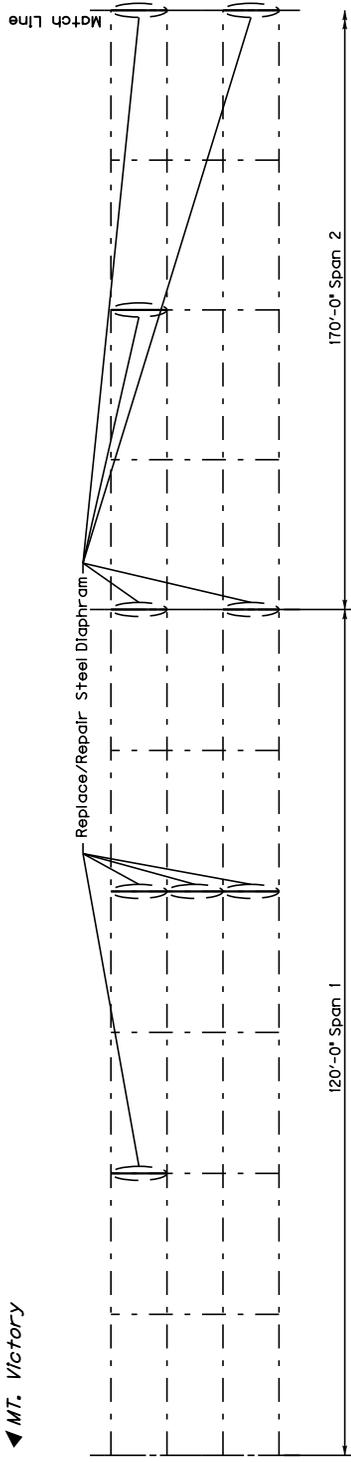
FE02 118 0025 B00090N 33.75

Whitley County ~ US 25 over Lynn Camp Creek

Maintain one usable 12 foot lane. Flagging or traffic signals shall be used. If traffic signals are used the Contractor shall use flagging to minimize impact on school bus traffic when school is in session. The Contractor shall be responsible for establishing the dates and times when school bus traffic will impact the job site.

The Contractor may close the bridge (FE02 118 0025 B00090N 33.75) to traffic for a period of 4 calendar days to replace the bearings. This period shall be limited to week days Monday through Friday. See attached suggested detour plan. All items necessary to complete the detour shall be included in the lump sum amount for "maintain and control traffic. The Cabinet will provide variable message boards for the detour as needed.

Contract No.	FE02 063 0192 B00067N
Added Date	07/12/2013
Project No.	121GR12M109
Route	ROUTE 192
County	LAUREL
Crossing	Rockcastle River
Prepared By	REPAIR LOCATIONS
Division	Division of Maintenance
Branch	Bridge Preservation Branch



REPAIR LOCATIONS

MATERIAL SUMMARY

CONTRACT ID: 122957

FE02 063 0030 B00009N PES NO: MB06300301203
BRIDGE CLEANING AND PAINTING IN LAUREL COUNTY KY 30 OVER SOUTH FORK ROCKCASTLE RIVER

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02650	MAINTAIN & CONTROL TRAFFIC 063B00009N	1.00	LS
0020	08434	CLEAN & PAINT STRUCTURAL STEEL 063B00009N	1.00	LS
0030	02568	MOBILIZATION	1.00	LS
0040	02569	DEMOBILIZATION	1.00	LS

FE02 063 0192 B00067N PES NO: MB06301921201
BRIDGE CLEANING AND PAINTING IN LAUREL COUNTY KY 192 OVER ROCKCASTLE RIVER

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02650	MAINTAIN & CONTROL TRAFFIC 063B00067N	1.00	LS
0070	03305	RESET BEARING SHOE (ADDED: 9-7-12)	4.00	EACH
0020	08434	CLEAN & PAINT STRUCTURAL STEEL 063B00067N	1.00	LS
0030	23173EC	REPLACE/REPAIR STEEL DIAPHRAGM 063B00067N	13.00	EACH
0040	24093EC	BEAM REPAIR 063B00067N	1.00	EACH
0050	02568	MOBILIZATION	1.00	LS
0060	02569	DEMOBILIZATION	1.00	LS

FE02 118 0025 B00090N PES NO: MB11800241201
BRIDGE CLEANING AND PAINTING IN WHITLY COUNTY US 25 OVER LYNN CAMP CREEK

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02650	MAINTAIN & CONTROL TRAFFIC 118B00090N	1.00	LS
0020	08434	CLEAN & PAINT STRUCTURAL STEEL 118B00090N	1.00	LS
0030	08540	JOINT SEALING 118B00090N	89.00	LF
0050	21969NN	BEARING REPLACEMENT 118B00090N	5.00	EACH
0060	23173EC	REPLACE/REPAIR STEEL DIAPHRAGM 118B00090N	2.00	EACH
0040	24093EC	BEAM REPAIR 118B00090N	5.00	EACH
0070	02568	MOBILIZATION	1.00	LS
0080	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 122957
COUNTY: LAUREL, WHITLEY
PROPOSAL: 121GR12M109-FE02

PAGE: 1
LETTING: 09/14/12
CALL NO: 406

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
SECTION 0001 BRIDGES						
0010	02650	MAINTAIN & CONTROL TRAFFIC 063B00009N	(1.00)	LS		
0020	02650	MAINTAIN & CONTROL TRAFFIC 063B00067N	(1.00)	LS		
0030	02650	MAINTAIN & CONTROL TRAFFIC 118B00090N	(1.00)	LS		
0031	03305	RESET BEARING SHOE (ADDED: 9-7-12)	4.000	EACH		
0040	08434	CLEAN & PAINT STRUCTURAL STEEL 063B00009N	(1.00)	LS		
0050	08434	CLEAN & PAINT STRUCTURAL STEEL 063B00067N	(1.00)	LS		
0060	08434	CLEAN & PAINT STRUCTURAL STEEL 118B00090N	(1.00)	LS		
0070	08540	JOINT SEALING 118B00090N	89.000	LF		
0080	21969NN	BEARING REPLACEMENT 118B00090N	5.000	EACH		
0090	23173EC	REPLACE/REPAIR STEEL DIAPHRAGM 063B00067N	13.000	EACH		
0100	23173EC	REPLACE/REPAIR STEEL DIAPHRAGM 118B00090N	2.000	EACH		
0110	24093EC	BEAM REPAIR 063B00067N	1.000	EACH		
0120	24093EC	BEAM REPAIR 118B00090N	5.000	EACH		
SECTION 0002 DEMOB						
0130	02568	MOBILIZATION (NO MORE THAN 5%)		LUMP		
0140	02569	DEMOBILIZATION (AT LEAST 1.5%)		LUMP		
		TOTAL BID				