



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

May 9, 2011

CALL NO. 317
CONTRACT ID NO. 112922
Addendum # 1

Subject: Hopkins County, FE02 054 9001 B00144
Letting May 20, 2011

- (1) Revised - Project Identification & Description - Page 4 of 106
- (2) Added - Special Notes - Pages 45(a), 45(b) of 106
- (3) Revised - Special Note for Completion Date - Page 46 of 106
- (4) Added - Special Note for Barrier Wall - Pages 54(a), 54(b) of 106
- (5) Revised - Bid Items - Pages 105 & 106 of 106

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

Plan revisions are available at [HTTP://WWW.LYNNIMAGING.COM/KYTRANSPORTATION/](http://www.lynnimaging.com/kytransportation/)

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

Sincerely,

Ryan Griffith
Director
Division of Construction Procurement

RG:jj

Enclosures



An Equal Opportunity Employer M/F/D

CONTRACT ID - 112922

ADMINISTRATIVE DISTRICT - 02

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - HOPKINS

PCN - MB05490011102

FE02 054 9001 B00144

WESTERN KENTUCKY PARKWAY (KY 9001) (MP 36.930) TWIN BRIDGES OVER CSX RAILROAD AND US 41A
1.3 MILES WEST OF PENNYRILE PARKWAY. BRIDGE DECK RESTORATION & WATERPROOFING.

GEOGRAPHIC COORDINATES LATITUDE 37^12'46" LONGITUDE 87^28'00"

COMPLETION DATE(S):

COMPLETION DATE - November 15, 2011

APPLIES TO ENTIRE CONTRACT

45 CALENDAR DAYS

APPLIES TO B00144L

30 CALENDAR DAYS

APPLIES TO B00144R

SPECIAL NOTE FOR BRIDGE BARRIER RETROFIT

I. DESCRIPTION. Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway's 2004 Standard Specifications for Road and Bridge Construction and applicable Supplemental Specifications, the Standard Drawings, this Note, and the attached detail drawings. Section references are to the Standard Specifications.

This work consists of the following: (1) Furnish all labor, materials, tools, and equipment; (2) Install new class "AA" concrete and steel reinforcement as specified and in accordance with the attached detail drawings; (3) Remove existing handrail; (4) reattach existing guardrail to new barrier wall; (5) Any other work specified as part of this contract.

II. MATERIALS.

- A. Class "AA" Concrete.** See Section 601.
- B. Steel Reinforcement-Epoxy Coated.** Use Grade 60. See Section 602.
- C. Epoxy Bond Coat.** See Section 511.
- D. Guardrail Systems.** See Section 719.

III. CONSTRUCTION.

- A. Remove Existing Handrail.** Remove the existing handrail system for the entire length of the bridge as directed by the Engineer. Salvage existing material as per Section 719.03.06 except the Contractor shall deliver existing salvaged handrail system materials to the Department's Bailey Bridge Yard in Frankfort, KY. Deliver the material between the hours of 8:00AM and 3:30PM, Monday through Friday. Remove any existing handrail with a lane closure in place. Do not leave the area unprotected. After the handrail is removed, a shoulder closure shall remain in place until the handrail is replaced in that area.
- B. Remove Existing Guardrail System.** Remove the existing guardrail system for a length of approximately 25-feet at each wing wall as directed by the Engineer. Salvage existing material as per Section 719.03.06 except the Contractor shall deliver existing salvaged guardrail system materials to the Department's Bailey Bridge Yard in Frankfort, KY. Deliver the material between the hours of 8:00AM and 3:30PM, Monday through Friday. Remove any existing guardrail with a lane closure in place. Do not leave the area unprotected. After the guardrail is removed, a shoulder closure shall remain in place until the guardrail is replaced in that area.
- C. Place New Concrete.** Blast clean all areas of existing concrete and structural steel to come in contact with new concrete until free of all laitance and deleterious substances immediately prior to the placement of the Class "AA" Concrete.
- D. Steel Reinforcement.** Install the steel reinforcement in accordance with Section 602 and as directed by the Engineer. The #5 bars shall be set as dowels in drilled holes. Holes are to be 6 inches deep. The dowels shall be installed in accordance with Section 511.
- E. Reattach Existing Guardrail.** Furnish guardrail connector to bridge end Type A in accordance with Standard Drawings RBC-001-09, RBC-002-01 and RBC-003-07.

F. Adjust Existing Guardrail. Adjust existing guardrail alignment to provide a smooth transition over a length of 25-feet and connecting with the new end treatment. Adjust guardrail in accordance with Section 719 and as directed by the Engineer.

IV. MEASUREMENT.

A. Bridge Barrier Retrofit. The Department will measure the quantity in lineal feet measured from end to end of bridge barrier retrofit rail.

V. PAYMENT.

A. Bridge Barrier Retrofit. Payment for this item of work shall be at the contract unit price and payment will be full compensation for the following: (1) Furnish all labor, materials, tools, and equipment; (2) Install new class "AA" concrete and steel reinforcement as specified and in accordance with the attached detail drawings; (3) Remove existing handrail; (4) reattach existing guardrail to new barrier wall; (5) Any other work specified as part of this contract.

The Department will consider payment as full compensation for all work required by this note and the attached detail drawings including any guardrail components that may be necessary to make transition.

The following estimated quantities are included in the bid item Bridge Barrier Retrofit.

CONCRETE, CLASS AA	98.1 CY
STEEL REINF, EPOXY	13,400 LBS

**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 at least two weeks prior to beginning work. All work is to be completed by November 15, 2011. An allotted number of Calendar days are assigned to each structure in this contract as shown below.

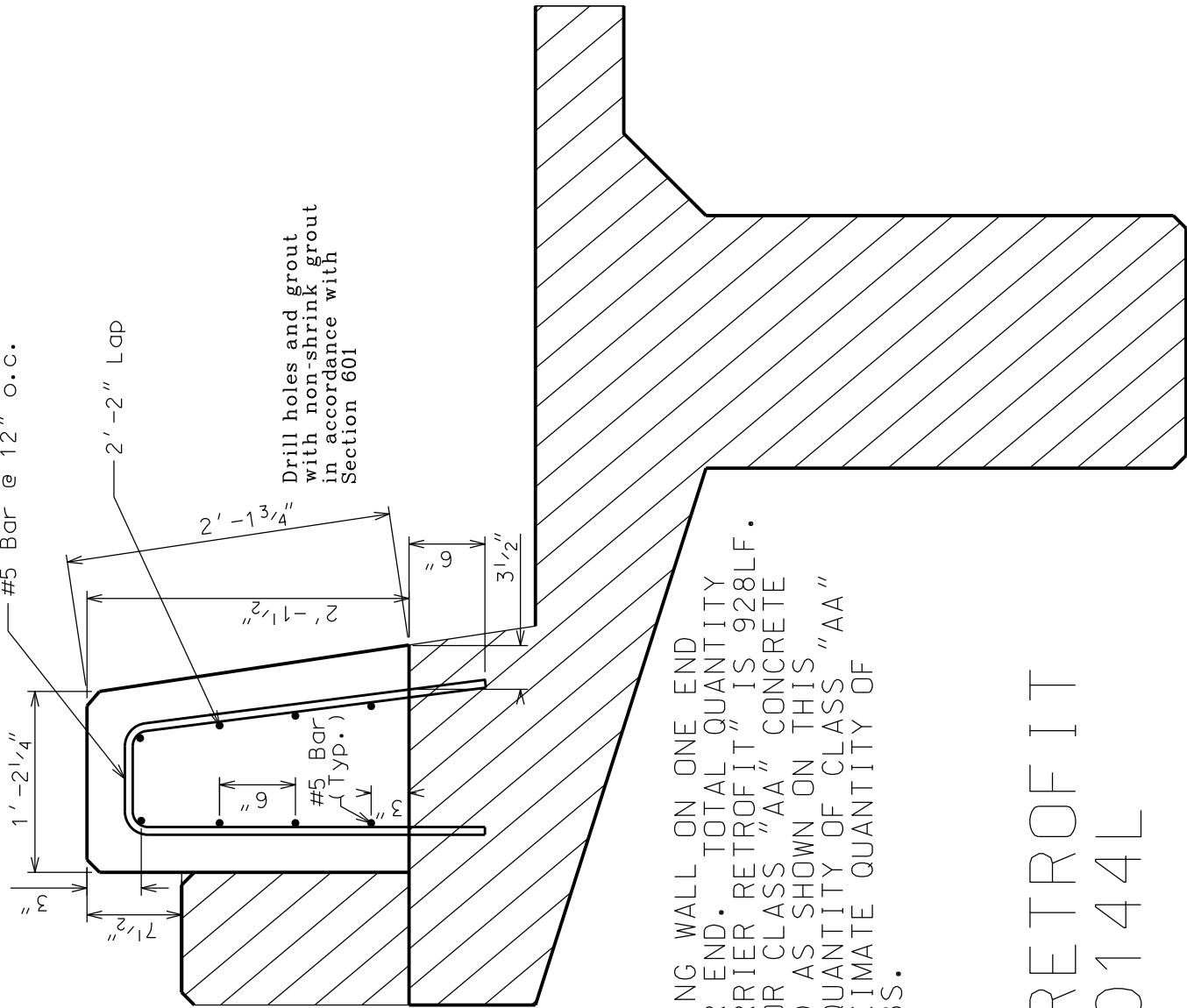
<u>STRUCTURE</u>	<u>NO. OF CALENDAR DAYS</u>	<u>COMPLETION DATE</u>
054B00144L	45	November 15, 2011
054B00144R	30	November 15, 2011

Contrary to Section 108.07.02, the Engineer will begin charging calendar days for a structure on the day the Contractor starts work or sets up traffic control on that particular structure.

- II. LIQUIDATED DAMAGES.** Liquidated damages will be assessed the Contractor in accordance with the Transportation Cabinet, Department of Highway's 2008 Standard Specifications for Road and Bridge Construction, Section 108.09, when either the allotted number of calendar days or the November 15, 2011 date is exceeded.

Contrary to the Standard Specifications, liquidated damages will be assessed 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.



BRIDGE IS 448' LONG WITH A 6' WING WALL ON ONE END AND A 10' WING WALL ON THE OTHER END. TOTAL QUANTITY OF BID ITEM #23032EN "BRIDGE BARRIER RETROFIT" IS 928LF. THIS BID ITEM IS FULL PAYMENT FOR CLASS "AA" CONCRETE AND STEEL REINFORCEMENT REQUIRED AS SHOWN ON THIS DETAILED DRAWING. APPROXIMATE QUANTITY OF CLASS "AA" CONCRETE IS 98.1 CU YD AND APPROXIMATE QUANTITY OF STEEL REINFORCEMENT IS 13,400 LBS.

BARRIER WALL RETROFIT
APPLIES TO B00144L

Taper new barrier wall for transition to guardrail and reattach existing guardrail similar to B00144R. This work is incidental to bid item #23032EN "BRIDGE BARRIER RETROFIT"



CONTRACT ID: 112922
COUNTY: HOPKINS
PROPOSAL: FE02 054 9001 B00144PAGE: 1
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LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
SECTION 0001 BRIDGE					
0010	00071	CRUSHED AGGREGATE SIZE NO 57	37.000 TON		
0020	02003	RELOCATE TEMP CONC BARRIER	1,660.000 LF		
0030	02110	PARTIAL DEPTH PATCHING	72.600 CUFT		
0040	02562	SIGNS	298.000 SQFT		
0050	02650	MAINTAIN & CONTROL TRAFFIC B00144L	(1.00) LS		
0060	02650	MAINTAIN & CONTROL TRAFFIC B00144R	(1.00) LS		
0070	02653	LANE CLOSURE	4.000 EACH		
0080	03171	CONCRETE BARRIER WALL TYPE 9T	1,660.000 LF		
0090	03295	EXPAN JOINT REPLACE 2 IN	166.800 LF		
0100	03298	EXPAN JOINT REPLACE 4 IN	83.000 LF		
0110	03299	ARMORED EDGE FOR CONCRETE	166.800 LF		
0120	03304	BRIDGE OVERLAY APPROACH PAVEMENT	666.000 SQYD		
0130	06515	PAVE STRIPING-PERM PAINT-6 IN	2,552.000 LF		
0140	06549	PAVE STRIPING-TEMP REM TAPE-B	1,300.000 LF		
0150	06550	PAVE STRIPING-TEMP REM TAPE-W	4,400.000 LF		
0160	06551	PAVE STRIPING-TEMP REM TAPE-Y	4,400.000 LF		
0170	08100	CONCRETE-CLASS A	5.000 CUYD		
0180	08150	STEEL REINFORCEMENT	800.000 LB		
0190	08504	EPOXY SAND SLURRY	232.000 SQYD		
0200	08510	REM EPOXY BIT FOREIGN OVERLAY	2,986.000 SQYD		

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LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0210	08526	CONC CLASS M FULL DEPTH PATCH	4.000 CUYD		
0220	08534	CONCRETE OVERLAY-LATEX	124.400 CUYD		
0230	08549	BLAST CLEANING	3,218.000 SQYD		
0240	23032EN	BRIDGE BARRIER RETROFIT APPLIES TO B00144L (ADDED: 5-9-11)	928.000 LF		
SECTION 0002 DEMOBILIZATION					
0250	02569	DEMOBILIZATION (AT LEAST 1.5%)	LUMP		
		TOTAL BID			