



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

April 11, 2013

CALL NO. 300
CONTRACT ID NO. 132980
ADDENDUM # 1

Subject: Ballard County, FE02 004 0051 B00021N
Letting April 19, 2013

- (1) Revised - Special Note - Pages 17-18 of 54
- (2) Added - Note - Page 18(a) of 54
- (3) Revised - Bid Items - Page 54 of 54

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
Acting Director
Division of Construction Procurement

RG:ks
Enclosures



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SPECIAL NOTE FOR PARTIAL DEPTH PATCHING

This Special Note applies to partial depth repairs of concrete pavement. Section references herein are to the Department's 2012 Standard Specifications for Road and Bridge Construction.

1. **DESCRIPTION.** Remove and replace small, shallow areas of deteriorated concrete that extend no deeper than one-third of the slab thickness. Comply with the applicable Standard Drawings and the Standard Specifications except as specifically superseded herein.
2. **MATERIALS AND EQUIPMENT.**
 - A. **Class "M" Concrete.** Use either "M1" or "M2". See Section 601.
 - B. **Hammers.** Only use chisel point hammers weighing less than 15 pounds to remove deteriorated concrete.
3. **CONSTRUCTION.**
 - A. **Repair Dimension Selection.** The locations for partial-depth repair will be identified in the plans or proposal or as specified by the Engineer during construction. Identify the repair boundaries by sounding the concrete with a solid steel rod, a heavy chain, or a ball peen hammer. Repair boundaries should extend a minimum of 3 inches outside unsound areas.
 - B. **Concrete Removal.** Saw the hole to be patched with a vertical face, to a 2-inch minimum depth and to the configuration the Contract specifies or the Engineer directs. After sawing, keep exposure to traffic to a minimum until patching.

Keep overcutting beyond the limits of the removed area to a minimum. Prevent saw slurry from entering existing joints and cracks. Clean all saw slurry and other contaminants from overcutting. Repair the overcut area with a low viscosity epoxy compound.
 - C. **Repair Area Preparation.** Following the removal of the concrete, the surface of the repair area must be prepared to provide a clean, irregular surface for the development of a good bond between the repair material and the existing slab. Clean the repair area by sandblasting followed by compressed airblasting to remove dirt, oil, thin layers of unsound concrete, and laitance. The compressed air used in the final cleaning must be free of oil. This should be checked by placing a cloth over the air compressor nozzle and visually inspecting for oil.

D. Patching Material and Placement.

Class "M" Concrete. Use a mixture conforming to Section 601. Vigorously scrub a grout bond coat into the repair area. Use a grout consisting of a slurry made of water mixed with equal parts of Portland cement and mortar sand.

Place the patch before the grout shows any sign of drying. Cure according to Subsection 502.03. Two applications of curing compound will be required. Remove and replace all areas of the patches that display cracks or are not bonded to the underlying pavement.

4. MEASUREMENT.

A. Partial Depth Patching. The Department will measure the quantity in cubic feet, either from field measurements or the metered quantity from the mixer, as the Engineer determines.

5. PAYMENT. The Department will make payment for the completed and accepted quantities under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
24094EC	Partial Depth Patching	Cubic Yard

The Department will consider payment as full compensation for all work required in this provision.

LAW ENFORCEMENT OFFICER

Provide Law Enforcement Officer Units, consisting of an off-duty police officer and a police vehicle equipped with flashing blue lights, one at each end of the bridge to keep the bridge closed to truck thru traffic with the exception of emergency vehicle in addition to provide extra protective measure between the workers and motorized traffic in addition. A maximum of 2 units for a total of 3,360 hours (70 days x 24 hours/day x 2 units). The Law Enforcement Officer shall be an off-duty police officer from a local police agency around Ballard County, Kentucky or Alexander County, Illinois. Payment at the Contract unit price per hour for LAW ENFORCEMENT OFFICER shall be full compensation for all labor, equipment, materials and incidentals for the police unit consisting of one police officer and one vehicle.

PROPOSAL BID ITEMS

Report Date 4/11/13

Section: 0001 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	02562		TEMPORARY SIGNS	261.00	SQFT		\$	
0020	02653		LANE CLOSURE	6.00	EACH		\$	
0030	02654		TRUCK MOUNTED ATTENUATOR	2.00	EACH		\$	
0040	02671		PORTABLE CHANGEABLE MESSAGE SIGN	8.00	EACH		\$	
0050	03298		EXPAN JOINT REPLACE 4 IN	239.00	LF		\$	
0060	04933		TEMP SIGNAL 2 PHASE	1.00	EACH		\$	
0070	06510		PAVE STRIPING-TEMP PAINT-4 IN	2,500.00	LF		\$	
0080	06514		PAVE STRIPING-PERM PAINT-4 IN	2,500.00	LF		\$	
0090	06570		PAVE MARKING-PAINT CROSS-HATCH	3,000.00	SQFT		\$	
0100	08435		JACK & SUPPORT BRIDGE SPAN	1.00	LS		\$	
0101	20411ED		LAW ENFORCEMENT OFFICER(ADDED: 4-11-13)	3,360.00	HOURL		\$	
0110	23173EC		REPLACE/REPAIR STEEL DIAPHRAGM	16.00	EACH		\$	
0120	23811EC		STRINGER WEB STEEL REPAIR	12.00	EACH		\$	
0130	24094EC		PARTIAL DEPTH PATCHING	4.00	CUYD		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0140	02568		MOBILIZATION	1.00	LS		\$	
0150	02569		DEMOBILIZATION	1.00	LS		\$	