

**BOONE COUNTY, MISSOURI**  
**RUSTIC ROAD BRIDGE REPLACEMENT**  
**FEDERAL PROJECT NO. IBRD 9900(592)**  
**ADDENDUM NO. 1 – August 29<sup>th</sup>, 2014**

Bid Opening: **Thursday, September 4<sup>th</sup>, 2014 at 1:30 P.M.** Local Time42  
Bartlett & West Project No. 16137.110

ENGINEER  
BARTLETT & WEST, INC.  
1719 Southridge Dr., Suite 100  
Jefferson City, Missouri 65109  
Phone: (573) 634-3181

OWNER  
Boone County, Missouri  
801 E. Walnut St., Room 301  
Columbia, MO 65201  
Phone: (573) 886-4480

**Notice is hereby given to bidders** that in reference to the subject project, the following modifications shall be noted. All other aspects of the Contract Documents remain in full force and effect. **Acknowledgment of this addendum is required as described under (13) of the bid documents.**

**Clarification:**

- 1) No open burning of brush will be allowed under this contract. All such materials shall be hauled away from the site and shall become the responsibility of the contractor per Sec. 201.2.5
- 2) No adjustment shall be made to the location of the front of the facing block wall as shown on the plans, in order to maintain the current hydraulic opening. No contract costs or quantities will be adjusted in association with a change in the type of facing block. (For example, required changes would potentially include, but are not limited to, a change in superstructure length, a change in the fill face location, a change in backfill and asphalt quantities, etc.)

**Contract Plans:**

**Sheet No. 2:**

- a. Description of change – Revised notes regarding properties of geotextile fabric and the minimum friction angle of the backfill material.
- b. Description of change – Added detail to clarify the placement of geotextile and riprap in front of the abutment.

**Sheet No. 14:**

- c. Description of change – Added note to update contractor requirements related to the installation of inclinometers.
- d. Description of Change – Added notation to define the required location of the front face of the facing block wall.

**Sheet No. 15:**

- e. Description of change – Revised notes and quantities to reflect the combination of the High and Low Permittivity Geotextiles into one material covered under Sec. 1011.3.4.

**Sheet Nos. 17 and 18:**

- f. Description of changes – Removed notes and details pertaining to cap stones and revised notes to call for a grout cap to be poured on top of the entire block wall.

**Contract Plans (cont.):**

- g. Description of changes – Details have been added to clarify the construction of the corners of the block wall including suggested cutting methods of the blocks to account for the skew as well as rebar placement to reinforce the corner blocks.

**Required Action - Delete sheet numbers 2, 14, 15, 17, and 18 of the contract plans and replace with updated sheet numbers 2, 14, 15, 17, and 18.**

**Job Special Provisions:**

- 1) Updates have been made to “E. Pavement and Incidental Grading at Bridge Approaches” and are described below:

**Section 2.2:**

Description of change – Language has been added to state that no concrete pavement is allowed over the Integration Zone of the GRS abutments. This is due to the fact that concrete does not have the flexibility to be used as pavement for the approaches to this structure.

- 2) Updates have been made to “H. Geosynthetic Reinforced Soil Integrated Bridge System (GRS-IBS)” and are described below:

**Section 2.3.1.0:**

Description of change – Language has been added to remove the testing requirements of the Missouri Standard Specifications Sections 1052.40.2.2 & 1052.40.2.3

**Section 2.3.2.6:**

Description of change – This section has been removed to be consistent with the removal of the capstone from the abutment.

**Section 2.3.2.7:**

Description of change – This section has been renumbered as 2.3.2.6.

**Section 2.3.4.2 :**

Description of change – Item 1 in this section has been revised to be consistent with the removal of the capstone.

**Section 2.4.0:**

- a. Description of change – Revised the table to combine the low permittivity and high permittivity separation geotextiles into one material that is covered under the Missouri Standard Specifications Section 1011.
- b. Description of change – updated minimum strength requirements of Type A geotextile to allow for more choice in product selection.

**Section 2.4.1.0:**

Description of change – Clarified the required orientation of the Type A geotextile in relation to the block wall.

**Section 2.4.2.0:**

Description of change – Removed language to be consistent with the combination of the separation geotextiles into one material.

**Job Special Provisions (cont.):**

**Section 2.5.1.2:**

Description of change – Changed the minimum friction angle of the backfill material to 42°

**Section 2.5.2.3:**

Description of change – Added language to clarify the required orientation of the Type A geotextile in relation to the block wall.

**Section 2.5.2.4:**

Description of change – This section has been reworded to allow a method for compaction of the backfill material. Language was removed which suggested that compaction testing will be required.

**Required Action:**

- **Delete the Job Special Provisions and replace with the updated version.**

The Addendum is being sent by email to the Bidders List today: Friday, August 29, 2014. The Addendum will also be mailed August 29, 2014. Contact Boone County Resource Management at (573) 886-4480 if further clarification is required.

**BARTLETT & WEST**

Tim Leaf, P.E.  
Senior Project Engineer  
Engineer of Record  
Enclosures

