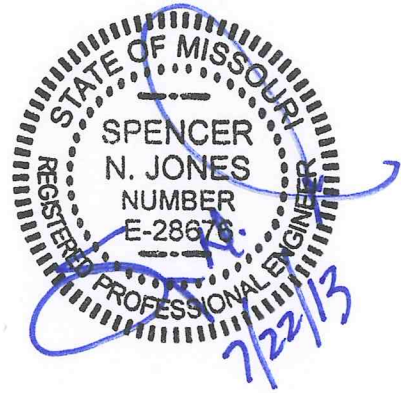


ADDENDUM NO. 1

ISSUED BY: Great River Associates
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DATE: July 22, 2013

FOR: PULASKI COUNTY BRIDGE REHABILITATION
BRIDGE 2060015 (DEVIL'S ELBOW)
BRO-B085 (4) STP-9900 (930)
GRA NO. 10-2916



The attached revisions hereby supersede any and all data with which they may conflict as indicated on the Drawings, Specifications and related documents issued in the original set. Each trade is responsible for changes in its work caused by changes in the work of other trades. This addendum is a part of and shall be attached to the original set of plans and specifications for the work.

ITEM 1

The Federal Wage Rate Determination has been revised. MO130001_mod5 is attached and replaces the MO13001-mod4 in the bid documents.

Item (9) PREVAILING WAGE (STATE ONLY) is incorrectly titled. (STATE ONLY) is not applicable to this project. Missouri Annual Wage order 20 is the current Missouri wage order and the recent Modification 5 to the Federal Wage Rate Determination both apply and contractors must pay the higher rate if the wage orders differ.

ITEM 2

MoDOT has established the DBE goal for this project is 0%. The 6% goal listed in the Advertisement on page 3 is incorrect.

Refer to page 243 for the Community Development Block Grant minority participation goal of 12.7% and female participation goal of 6.9%. Lesley Bennish with Meramec Regional Planning Commission, (573) 265-2993 has made initial contact with firms and has advised us that these programs are only goals, not requirements.

ITEM 3

Expansion joints are to be silicone seal joints as shown on plan sheet EJ with materials in conformance with MoDOT standard specification section 1057.10.

On sheet EJ, in Part Section DD and in Detail "A", the shear connector studs in the top of the angle shall be bent to fit within the 7" deck thickness without the 3" deck thickening. The angle attached to existing concrete abutments is to have the vertical leg drilled for attachment with wedge anchors in lieu of shear stud connectors.

Computed movements at joints are 2" at existing concrete on bent 4, 3" between trusses on bent 5, 2" between trusses on bent 6 and 1" at existing concrete at south abutment.

Job Special Provision 16 is revised to the following:

16. SILICONE EXPANSION JOINT SEAL

16.1 Description. This work shall consist of furnishing and installing the silicone expansion joint seal for at Bents 4, 6 and the South Abutment.

16.2 Material. All material shall meet MoDOT standard specification section 1057.10.

16.3 Certification. The contractor shall furnish a manufacturer's certification for all material specified in this job special provision. The certification shall show representative test results of the material and certify that the material supplied is in accordance with this job special provision

16.4 Construction Requirements. The surface preparations and seal installation shall not occur without the Engineer's representative being present.

16.5 Surface Preparation. The concrete or steel surface shall be prepared for priming and seal placement. New Portland cement concrete shall be fully cured and allowed to dry a minimum of seven days. The joint shall be cleaned of all gravel, loose material and other contaminants before sand blasting. Areas that will be in contact with the sealant shall be sand blasted with a clean, hard aggregate that will leave little to no dust residue. Sand blasted concrete surfaces will be considered acceptable when areas that will be in contact with the sealant have a roughened surface with clean, exposed aggregate. The surface shall be free of foreign matter or plastic residue. Sand blasted steel surfaces will be considered acceptable when the steel surfaces have been cleaned to an SSPC-SP10 degree of cleanliness. After sand blasting is completed, the joint shall be cleaned of debris using oil-free and water-free compressed air or a vacuum, either being at least 90 psi. Using a rag saturated in denatured alcohol, wipe clean both vertical faces of the expansion joint opening.

16.6 Priming. Priming shall immediately follow sand blasting and cleaning and will only be permitted to proceed when the air and substrate temperatures are at least 40° F and rising. Sand blasting, priming and installing the seal shall be performed on the same day. The entire sand blasted surface shall be primed. Application and drying times for primers shall be in accordance with the manufacturer's recommendations. All leftover primer shall be properly disposed.

16.7 Installation. The preformed silicone or EPDM expansion joint seal shall be installed in joints in one continuous piece without field splices. The locking adhesive and seal shall be applied in accordance with the manufacturer's recommendations, in a manner that prevents the seal from being damaged and from being in tension. Twisting, curling and nicking the seal will be prohibited. Unless the installation tool is capable of installing the seal without elongation prior to placement, the seal shall be pre-cut to the exact length for the joint plus ends as shown in the contract documents or as directed by the engineer. The pre-cut seal shall be installed and measured for stretch. The seal shall be

removed and reinstalled if the seal stretch length exceeds five percent of the pre-cut length at the contractor's expense.

16.8 Method of Measurement. The preformed silicone or EPDM expansion joint seal will be measured to the nearest linear foot based on measurement from the roadway face of curb to roadway face of curb along the centerline of the joint. Final measurement will not be made except for authorized changes during construction, or if appreciable errors are found in the contract quantity. Portions of the joint that extend past the roadway face of curbs will not be measured for payment.

Basis of Payment. Payment for the above described work, including all material, equipment, labor, technical assistance and any other incidental work necessary to complete this item, will be based on the contract plan quantities and will be considered completely covered by the contract unit price for "REPLACE EXPANSION JOINTS". Any change in the contract plan quantities, based on approved change orders, will be paid for at the contract unit price.

ITEM 4

Job Special Provision 9 is amended by the addition of the following:

9.8 Coating of stringer and beam tops. All exposed new or existing stringer and floor beam tops and flange sides are to be cleaned and coated in accordance with MoDOT standard specification section 216.50.2.2.

ITEM 5

Job Special Provision 2 REMOVAL OF EXISTING DECK, paragraph 5 is revised to read as follows:

Deck removal work shall be conducted to minimize the amount of debris falling into the river or onto private property. Comply with MoDOT standard specification section 806.4.6 with respect to the river and the private property.

ITEM 6

The vertical cross bracing repair on the through trusses are on the inside and outside of the truss spaced with square plates. The approximate length of each is 33 feet. The overlap at the crossing point is to be 2" on each end. Contractor is to verify all dimensions and rivet locations prior to fabricating plates.

ITEM 7

The lower chord pony truss repair with splice will be paid at the unit price bid per pound of steel installed. Required bolts, washers and nuts will be considered incidental to the repair and will not be paid as a separate item. Contractor is to verify all dimensions and rivet locations prior to fabricating components.

ITEM 8

The pony truss bottom chord strengthening plates are approximately 40 feet long and will require 1 1/2" hole at existing rivets.

ITEM 9

The unfactored dead load reaction vertical component for the through trusses is 123.6 kips and for the pony truss is 61.1 kips, including the deck.

ITEM 10

The detailed bid form is revised to reflect the quantities for removal of expansion joints, replace expansion joints, clean and lubricate rocker bearings and clean and lubricate steel plate bearings.

Bidders are to submit the revised detailed bid form with their bid package.

ITEM 11

For clarification of insurance requirements, the Community Development Block Grant requirements include "All Risk" Builder's Risk coverage. As noted in the cover sheet of PART SEVEN – COMMUNITY DEVELOPMENT BLOCK GRANT DOCUMENTS, and requirements of the Community Development Block Grant program that include items not in the Federal Highway Administration program must be followed.