

Missouri Department of Transportation
Roberta Broeker, Interim Director

600 Northeast Colbern Rd.
816.347.4111
Fax: 816.622.0070
1.888.ASK MODOT (275.6636)
Lee's Summit, Missouri 64086

ADDENDUM 001
REQUEST FOR BIDS

Bridge Repairs (# A1495) Route 2 Over I-49, Cass County
Request for Bid KC-B16-001

Bidders should acknowledge receipt of Addendum 001 (ONE) by **signing** and **including it** with the original bid. **The due date for receipt of bids is changed by this Addendum to Wednesday, October 21, 2015 by 1:00 pm Central Time, with a completion date of 60 days ARO.**

Accordingly, the following clarifications, questions and answers are believed to be of general interest to all potential Bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority Judy M. Franke, CPPB Senior Procurement Agent
Contractor/Offeror Signature _____ (Signature of person authorized to sign)	Department of Transportation <i>Judy M. Franke, CPPB</i> (Authorizing Signature)
Date Signed:	Date Signed: October 6, 2015

THIS PAGE MUST BE SIGNED AND RETURNED WITH ORIGINAL RFB

Updates have been made to the following section(s), in addition to, the attached revised "front page - plan sheet" in the original bid document and plan sheets posted online.

2.2.3 Delete last sentence "The exterior stringer being repaired...and replace with:

"The exterior stringer line being repaired shall have no live load distributed to it for the length of the bridge during heat straightening and replacement of the bottom flange splice plates. No wheel load paths shall be allowed during this time between the centerline of stringer No. 2 and the barrier above stringer No. 1." Live load may be allowed over stringer No. 1 after the heat straightening repair area has cooled and before the work for the removal and placement of the new bottom flange splice plates begins.

2.2.8 Delete last sentence "SSPC SP6, SSPC SP10 and SSPC SP11 surface preparation...."



- 3.2.6 Delete entire paragraph “During the replacement of the bottom splice plate,...temporary support members.”...and replace with:

“No falsework or towers will be required if live load has been removed as directed in 2.2.3 above.”

- 3.2.7 Revise first sentence to “The damaged area of the bottom flange and adjacent web shall be recoated with a prime coat of ~~System G in accordance with Sec 1081~~ epoxy mastic primer.” and add “The top and bottom faying surfaces (i.e. contact surfaces) of the bottom flange within the limits of the existing bottom flange splice plate shall NOT be coated with epoxy mastic primer and only cleaned in accordance to 2.2.8 of this special provision. However, the faying surfaces of the bottom flange not located within the existing bottom flange splice plate area shall be coated with epoxy mastic primer. The plates may be installed and bolts tensioned before the epoxy mastic dries. After installation of the new plates; the splice plates, edges of the splice plates and edges of the stringers shall be coated with epoxy mastic primer.”

Add new bullet:

- 3.2.8 With a new sentence to read: The new plates shall be coated with System G prime coat in the shop in accordance with Sec 1081.

- 4.2.2 Delete last sentence in paragraph “Experience documentation shall...”

- 4.2.3 Delete entire sentence “The Contractor’s field supervisor shall....” and replace with:

“Technicians involved in the conduct of heat applications during heat straightening shall have at least three years of experience on a minimum of fifteen projects.”

Add new bullet:

- 4.2.4 With a new sentence to read: “Experience documentation for both contractor and technicians shall include: date of project, location, bridge owner, number and type of members straightened, and duration of project.”

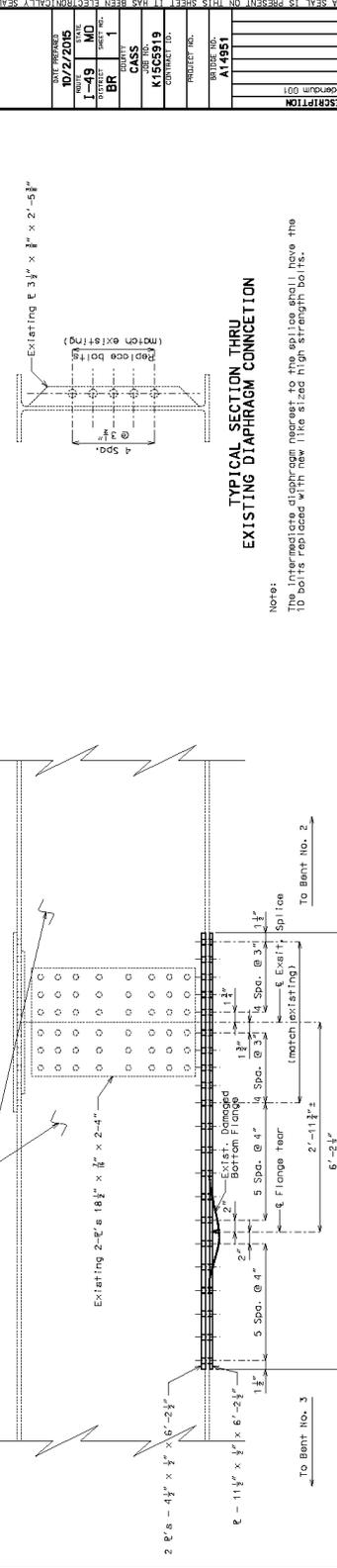
Deadline for submission of bids is:

**Wednesday, October 21, 2015 by 1:00 pm CST,
with a completion date of 60 days ARO.**

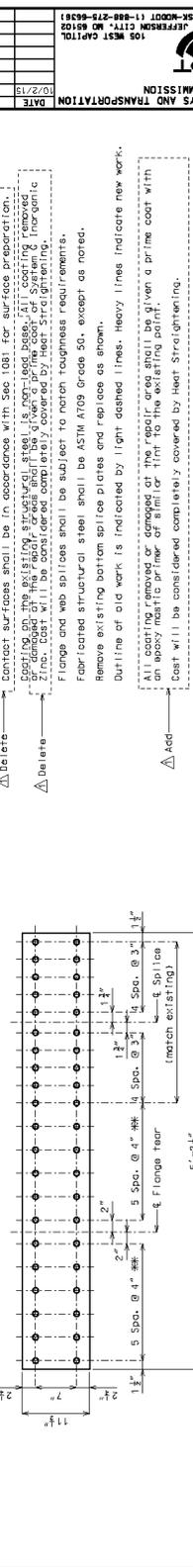
SEE ATTACHED PLAN SHEET BELOW

(...the NEW plan sheet is also posted online)

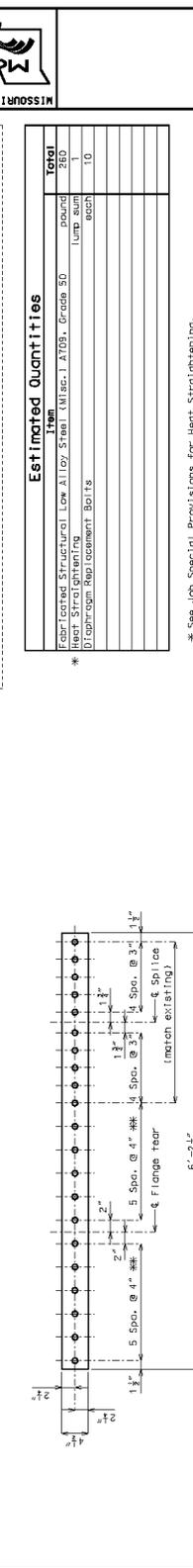
(45'-68'-72'-58') CONTINUOUS COMPOSITE WIDE FLANGE SPANS (15° LA SKEW)



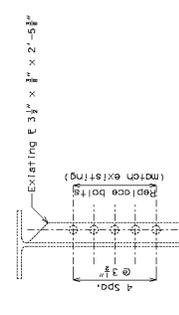
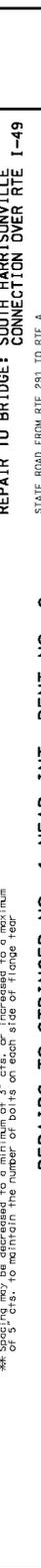
DETAIL OF BOLTED FIELD SPLICE



PLAN OF BOTTOM SPLICE BOTTOM PLATE



PLAN OF BOTTOM SPLICE TOP PLATE



TYPICAL SECTION THRU EXISTING DIAPHRAGM CONNECTION

Note:
The intermediate diaphragm nearest to the splice shall have the 10 bolts replaced with new 1/2\"/>

- Notes:
- Use 7/8\"/>
 - Contact surfaces shall be in accordance with Sec 1081 for surface preparation.
 - Splicing on the existing structural steel is non-lead based. All coating removed from the existing steel. Coat will be considered completely covered by Heat Straightening. Flange and web splices shall be subject to notch toughness requirements.
 - Fabricated structural steel shall be ASTM A709 Grade 50, except as noted.
 - Remove existing bottom splice plates and replace as shown.
 - Outline of old work is indicated by light dashed lines. Heavy lines indicate new work.
 - All coating removed or damaged at the repair area shall be given a prime coat with an epoxy resin to primer of 80/20 ratio for the existing material.
 - Coat will be considered completely covered by Heat Straightening.
 - Epoxy mastic primer shall be in accordance with Sec 1081 and the Job Special Provisions.

Estimated Quantities	
Item	Total
Fabricated Structural Low Alloy Steel (Misc. 1 A709, Grade 50)	260 pound
Epoxy Resin to Primer	10 Lump
Diaphragm Reinforcement Bolts	10

* See Job Special Provisions for Heat Straightening.

REPAIR TO BRIDGE: SOUTH HARRISONVILLE I-49

STATE ROAD FROM RTE 291 TO RTE A ABOUT 1.9 MILES SOUTH OF RTE 291 Sta. 102+00 (RTE. I-49)

REPAIRS TO STRINGER NO. 1 NEAR INT. BENT NO. 2

Sheet No. 1 of 1

Revised April 2015
Checked April 2015

Note: This drawing is not to scale. Follow dimensions.

MISSOURI HIGHWAYS AND TRANSPORTATION

105 WEST CAPITOL
JEFFERSON CITY, MO 65103
1-888-656-6007 1-888-675-6631

DATE: 10/2/13
DESCRIPTION: Addendum 001
PROJECT NO.: A14951
JOB NO.: K15C5919
CONTRACT NO.: BR 1
ISSUE DATE: 10/2/2015
JOB TITLE: BR 1

THIS SEAL IS PRESENT ON THIS SHEET. IT HAS BEEN ELECTRONICALLY SEALED AND DATED.