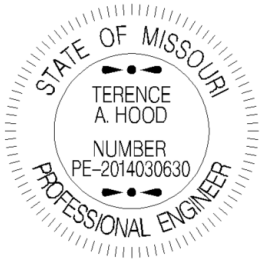
Job No.: JKU0033
Route: I-70
County: Jackson

JOB SPECIAL PROVISIONS TABLE OF CONTENTS (BRIDGE)

(Job Special Provisions shall prevail over General Special Provisions whenever in conflict therewith.)



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 W. CAPITOL AVE.
JEFFERSON CITY, MO 65102
Phone 1-888-275-6636

Hg Consult
7733 N. Wallace Ave.
Kansas City, Missouri 64158
Certificate of Authority: 2010005873
Consultant Phone: 816-912-4720

If a seal is present on this sheet, JSP's have been electronically sealed and dated.

JOB NUMBER: JKU0033
JACKSON COUNTY, MO
DATE PREPARED:2/22/2024

ADDENDUM DATE:

Only the following items of the Job Special Provisions (Bridge) are authenticated by this seal: All

Job No.: JKU0033
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JOB
SPECIAL PROVISION (BRIDGE)

A. Construction Requirements

1.0 Description. This provision contains general construction requirements for this project.

2.0 Construction Requirements. The plans and the asbestos and lead inspection report for the existing structure(s) are included in the contract in the bridge electronic deliverables zip file for informational purposes only.

2.1 In order to assure the least traffic interference, the work shall be scheduled so that a lane closure is for the absolute minimum amount of time required to complete the work. A lane shall not be closed until material is available for continuous construction and the contractor is prepared to diligently pursue the work until the closed lane is opened to traffic.

2.2 Bridge work by contractor forces, including erection, rehabilitation or demolition, shall not be allowed over traffic unless a bridge platform protection system is installed below the work area except for work performed above a deck that is intact. The protection system shall be capable of catching all falling objects such as tools, overhang brackets or materials. Lifting of objects that are heavier than the capacity of the bridge protection system shall not be permitted.

2.3 Qualified special mortar shall be a qualified rapid set concrete patching material in accordance with Sec 704. A qualified rapid set concrete patching material will not be permitted for half-sole repair, deck repair with void tube replacement, full depth repair, modified deck repair and substructure repair (formed) unless a note on the bridge plans specifies that a qualified special mortar may be used.

2.4 Provisions shall be made to prevent any debris and material from falling onto the roadway. If determined necessary by the engineer, any debris and material that falls below the bridge outside the previously specified limits shall be removed as approved by the engineer at the contractor's expense. Traffic under the bridge shall be maintained in accordance with the contract documents.

2.5 Any damage sustained to the remaining structure as a result of the contractor's operations shall be repaired or the material replaced as approved by the engineer at the contractor's expense.

2.6 Provisions shall be made to prevent damage to any existing utilities. Any damage sustained to the utilities as a result of the contractor's operations shall be the responsibility of the contractor. All costs of repair and disruption of service shall be as determined by the utility owners and as approved by the engineer.

2.7 A washer shall be required under head and nut when any reaming is performed for bolt installation.

2.8 SSPC-SP2 and SSPC-SP3 surface preparation shall be in accordance with the environmental regulations in Sec 1081 and collection of residue shall be in accordance with Sec 1081 for collection of blast residue. SSPC-SP6, SSPC-SP10 and SSPC-SP11 surface

preparation shall be in accordance with the approved blast media and environmental regulations in Sec 1081 and collection of blast residue shall be in accordance with Sec 1081.

3.0 Method of Measurement. No measurement will be made.

4.0 Basis of Payment. Payment for the above described work will be considered completely covered by the contract unit price for other items included in the contract.

B. Structural Steel Requirements

1.0 Description. This provision contains general structural steel requirements for this project.

2.0 Material. All material shall be in accordance with Division 1000, Material Details, and specifically as shown below. The gray epoxy-mastic primer (non-aluminum) shall be compatible with concrete and produce a dry film thickness of no less than 3 mils (75 µm).

Item	Section
Structural Steel Construction	712
Gray Epoxy-Mastic Primer (non-aluminum)	1045
Structural Steel Fabrication	1080
Coating of Structural Steel	1081

3.0 Construction Requirements.

3.1 Before fabrication of new metalwork, the contractor shall make the necessary measurements in the field to verify dimensions of the existing structure where new members are affected. Any deviation of the dimensions shown on the plans shall be called to the engineer's attention. The contractor shall be responsible for developing all required dimensional adjustments and coordinating the implementation of the dimensional adjustments with all involved fabricators and subcontractors.

3.2 Prior to erection of the new structural steel, the steel that is to remain shall be carefully inspected for irregularities. If such irregularities are found, the irregularities shall be brought to the attention of the engineer.

3.3 Holes in the new diaphragm or cross frame connection plates and angles may be used as a template for drilling the holes in the existing material.

3.4 A minimum edge distance shall be maintained for all field drilled holes. The minimum edge distance for bolts shall be as shown in table below measured from the centerline of holes.

Bolt Diameter inch (mm)	Minimum Edge Distance inch (mm)
3/4 (19.0)	1-1/4 (32)
7/8 (22.2)	1-1/2 (38)
1 (25.4)	1-3/4 (45)

3.5 The surfaces of existing steel that will become faying surfaces for non-slip critical new connections, typically secondary members, shall be cleaned according to the manufacturer's recommendation and with a minimum of SSPC-SP-3 surface preparation and coated with one

prime coat of Gray Epoxy-Mastic Primer (non-aluminum) in accordance with Sec 1081. The surfaces of existing steel that will become faying surfaces for slip critical new connections, typically primary members, shall be in accordance with contact surfaces in Sec 1081. Primary member connections include girder/beam splices, end diaphragms and intermediate diaphragms in curved structures.

3.6 Exposed girder/beam areas that are not faying surfaces or not covered by concrete that are scratched, damaged by the contractor or by field welding operations shall be touched up with Gray Epoxy-Mastic Primer (non-aluminum) in accordance with Sec 1081. The areas shall receive the coating system as shown on the plans.

4.0 Method of Measurement. No measurement will be made.

5.0 Basis of Payment. Payment for the above described work will be considered completely covered by the contract unit price for the structural steel items included in the contract. No payments or adjustments will be made where new members are affected due to any deviation of the dimensions shown on plans or shop drawings.

C. Steel Diaphragm & Crossframe At End & Intermediate Bents

1.0 Description. This provision contains general information about the construction of the new steel diaphragms and crossframe at the end and intermediate bents as shown on the plans.

2.0 Material. All material shall be in accordance with Division 1000, Material Details, and specifically as shown below.

Item	Section
Structural Steel Construction	712
Gray Epoxy-Mastic Primer (non-aluminum)	1045
Structural Steel Fabrication	1080
Coating of Structural Steel	1081

3.0 Construction Requirements. Construction of the steel diaphragms and crossframe at end and intermediate bents shall be in accordance with job special provision Structural Steel Requirements.

4.0 Method of Measurement. Measurement will be made for the number of diaphragms and crossframes complete in place. The unit of measure is per each.

5.0 Basis of Payment. Payment for the above-described work, including all material, equipment, labor, fabrication, painting, installation, and any other incidental work necessary to complete this item, will be considered completely covered by the contract unit price for Steel Diaphragm & Crossframe at End & Intermediate Bents.

D. Removal of Raised Bridge Median

1.0 Description. This work shall consist of removing and disposing of the raised median on the bridge and approaches to the bridge as shown on the plans or as directed by the engineer.

2.0 Material. All material shall be in accordance with Division 1000, Material Details, and specifically as shown below.

Item	Section
Mortars and Grout	1066

3.0 Removal Requirements. Concrete removal shall be in accordance with Sec 216.60.2.1 and as noted below.

3.1 Removal Requirements on bridge deck. Removal of the raised median on the bridge deck shall consist of removing the concrete and reinforcing steel flush with the existing deck in the area of the new closure pour. For the area beyond the limits of the closure pour where removal of raised median is performed, care shall be taken since the surface below the raised median will become the driving surface. Areas exposed by removal of concrete and not covered by new concrete shall be coated with a qualified special mortar. Reinforcement in the raised median outside the limits of closure pour embedded in concrete shall be cut off one inch below the concrete removal surface and the resulting hole shall be filled with a qualified special mortar. Any damage to the concrete below the raised median shall be repaired at the contractor's expense as directed by the engineer.

3.2 Removal Requirements off of the bridge deck. Removal of the raised median off of the bridge deck on the approaches to the bridge shall be completed with more care since the surface below the raised median will become the driving surface. Areas exposed by removal of concrete and not covered by new concrete shall be coated with a qualified special mortar. Reinforcement in the raised median embedded in the concrete below shall be cut off one inch below the concrete removal surface and the resulting hole shall be filled with a qualified special mortar. Any damage to the concrete below the raised median shall be repaired at the contractor's expense as directed by the engineer.

4.0 Method of Measurement. Measurement will be made for the area of the raised median removed as shown on the plans. Final measurement will not be made except for authorized changes during construction or where appreciable errors are found in the contract quantity. The revision or correction will be computed and added to or deducted from the contract quantity. The unit of measure is per square foot.

5.0 Basis of Payment. Payment for the above-described work, including all material, equipment, labor, and any other incidental work necessary to complete this item, will be considered completely covered by the contract unit price for Removal of Raised Bridge Median.