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	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 W. CAPITOL AVE. JEFFERSON CITY, MO 65101 Phone (888) 275-6636
	If a seal is present on this sheet, JSP's has been electronically sealed and dated.
	JOB NO. J6I3571 St. Louis County, MO Date Prepared: 9/16/2024
Only the following items of the Job Special Provisions (Bridge) are authenticated by this seal: A - C	

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 or bridge closure is for the absolute minimum amount of time required to complete the work. A lane or bridge 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 or bridge is opened to traffic.

2.2 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 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.

2.3 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.

2.4 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.

2.5 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-SP-11 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 Coating Information.

3.1 Straps Removal. Exposed portions of straps for stay-in-place forms shall be removed prior to surface preparation. Straps need not be removed in areas that are not being painted. Flame cutting will not be permitted. The contractor shall exercise care not to damage the existing structure during removal. 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.

3.2 Slab Drains and Stay-In-Place Forms. The stay-in-place forms, the slab drains and slab drain brackets shall not be recoated or overcoated or damaged during the painting operation. Any portion of the slab drain bracket that is blast cleaned shall be recoated with System G. Any damage sustained 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.

JOB SPECIAL PROVISIONS (BRIDGE)

3.3 Existing Bridge Information. The informational plans may be used by bidders in determining the amount of steel to be cleaned and painted/coated with the full understanding that the State accepts no responsibility for accuracy of the estimated tons of existing steel shown in the table below. The bidder's acceptance and use of the estimate shown below shall be no cause for claim for any final adjustment in the contract unit price for the work involved in repainting. Each bidder is expected to carefully examine the structure(s), investigate the condition of existing paint and to prepare their own estimate of quantities involved before submitting a bid. Surface preparation and applying field coatings to the structural steel will be based on the contract plan quantities. No final measurements will be made.

Bridge No.	Estimated Tons			Existing Paint System	Lead Based
	Coating System		Total		
	System G Recoat	System G Overcoat			
A29991	89		89	System S over B	Yes
A30001	126		126	System S over B	Yes
A30011	326		326	System C	No
A30021	117		117	System S over B	Yes
A30032	194		194	System S over B	Yes
A30041	136.2	2.8	139	System C	No
A30051	211	2	213	System C	No
A30071	345.4	106.6	452	System S over B	Yes
A30081	257		257	System B	Yes
A42261	121		121	System C	No
A42821	438		438	System C	No
L08103	85		85	System G over C	No

3.4 Environmental Contact. Environmental Section may be contacted at the below address or phone number. The Missouri Department of Health may be contacted at (573) 751-6102.

MoDOT - Design Division - Environmental Section
PO Box 270
105 W Capitol Ave, Jefferson City, MO 65102
Telephone: (573) 526-4778

3.5 Approved Smelter and Hazardous Waste Treatment, Storage and Disposal Facility. The following is the approved smelter and hazardous waste treatment, storage and disposal facility:

Doe Run Company - Resource Recycling Division - Buick Facility
Highway KK
Boss, MO 65440
Telephone: (573) 626-4813

JOB SPECIAL PROVISIONS (BRIDGE)

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 other items included in the contract.

B. STRUCTURAL STEEL PROTECTIVE COATING REQUIREMENTS

1.0 Description. This provision contains the requirements for applying the structural steel protective coating for the bridges in this project.

2.0 Construction Requirements.

2.1 System G. System G shall be in accordance with [Sec 1081](#). Surface preparation of the existing steel shall be in accordance with [Sec 1081](#) for Recoating of Structural Steel (System G, H or I) with organic zinc primer or [Sec 1081](#) for Overcoating of Structural Steel. The color of the field coats shall be Gray (Federal Standard #26373).

2.2 Coating Limits. All existing structural steel shall be recoated with System G except for the following locations: For Bridges A30041 and A30051, all structural steel between bearing stiffeners adjacent to galvanized pin plates shall be overcoated with System G (see electronic deliverables for pin plate replacement details). Galvanized pin plates shall be protected from damage throughout painting operations. For Bridge A30071, all structural steel in Span (4-5) over MetroLink shall be overcoated with System G.

2.3 Expansion Joint Locations. The surfaces of all structural steel located under the joint(s) indicated in the table below shall be field coated with complete System G within a distance 1.5 times the girder depth, but not less than 10 feet from the centerline of joint each direction or not less than 10 feet from front face of backwall of end bent. Complete System G includes field application of organic zinc primer, intermediate field coat and finish field coat.

Bridge No.	Joint Location
A29991	None
A30001	Bents No. 1 & 5
A30011	Bents No. 1 & 5
A30021	Bent No. 4
A30032	Bents No. 1 & 5
A30041	Bent No. 1
A30051	Bents No. 1 & 5
A30071	Bents No. 3 & 6
A30081	Bent No. 1
A42261	Bents No. 1 & 3
A42821	Bents No. 1 & 5
L08103	None

3.0 Method of Measurement.

3.1 System G. The surface preparation, prime coat and intermediate and finish field coats will be measured to the nearest 100 square feet in accordance with [Sec 712](#) and the Limits of Coating Application in accordance with [Sec 1081](#).

4.0 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 following pay items:

“Surface Preparation for Overcoating Structural Steel (System G)” per square foot.

“Surface Preparation for Recoating Structural Steel” per square foot.

“Field Application of Organic Zinc Primer” per square foot.

“Intermediate Field Coat (System G)” per square foot.

“Finish Field Coat (System G)” per square foot.

C. CONCRETE PROTECTIVE COATING REQUIREMENTS

1.0 Description. This provision contains the requirements for applying the concrete protective coating for the bridge(s) in this project.

2.0 Construction Requirements. Protective coating for concrete bents and piers (epoxy) shall be applied to all exposed surfaces of concrete on bents that are either underneath open expansion joints as indicated in section 2.3 or are adjacent to roadway lanes in accordance with Sec 711.

3.0 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 lump sum price for Protective Coating – Concrete Bents and Piers (Epoxy).