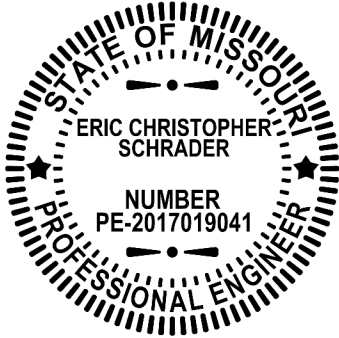


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 <p>THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY</p>	<p>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 W. CAPITOL AVE. JEFFERSON CITY, MO 65101 Phone (888) 275-6636</p>
	<p>HDR Engineering, Inc. 10450 Holmes Rd., Suite 600 Kansas City, MO 64131</p>
	<p>Certificate of Authority #000856 Consultant Phone #816-360-2700</p>
	<p>If a seal is present on this sheet, JSP's has been electronically sealed and dated.</p>
	<p>JOB NO. J8S3238 Greene County, MO Date Prepared: 8/9/2024</p>
<p>Only the following items of the Job Special Provisions (Bridge) are authenticated by this seal: A, B, and C</p>	

JOB SPECIAL PROVISIONS (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 deliverable 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 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.

2.4 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.

2.5 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 determined by the utility owners and as approved by the engineer.

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 the other items included in the contract.

B. DECORATIVE PEDESTRIAN FENCE

1.0 Description. This work shall consist of fabricating and installing a steel decorative pedestrian fence to provide a complete and properly functioning fence system as indicated on the plans and in this specification.

2.0 Performance Requirements.

2.0.1 The fence design shall allow for thermal movement of 1/4 inch per 30 feet of fence, minimum. The fence design shall account for the differential thermal expansion characteristics of the fence and concrete to which it is mounted.

JOB SPECIAL PROVISIONS (BRIDGE)

2.0.2 Base plate shall be furnished for mounting posts to top of concrete. Base plate anchors shall use an approved resin anchor system to attach to the existing concrete barrier.

2.1 Materials. Decorative fence system products shall meet or exceed the following requirements.

2.1.1 Acceptable Manufacturer Systems. The chosen decorative fence system shall be the same for all bridges in this project. Decorative fence system shall meet the performance requirements as stated in this special provision and shall consist of one of the approved decorative fence systems listed on the Bridge Pre-qualified Product Listing.

2.1.2 Visual Condition. Metal free from surface blemishes shall be provided where exposed to view in the finished unit. Exposed-to-view surfaces exhibiting pitting, seam marks, roller marks, stains, discolorations, or other imperfections on finished units are not acceptable.

2.1.3 Surface Coatings. The steel shall be hot-dip galvanized to meet the requirements of ASTM A 653 with a minimum zinc coating weight of 0.90 oz/sf, coating designation G-90. Surface preparation of galvanized surface for the aliphatic polyurethane finish coat shall be in accordance with the product specifications for the finish coat. The exterior of all fence components shall be coated with an aliphatic polyurethane finish coat to provide a total dry film thickness of 4 mils minimum and 6 mils maximum. The color of the finish coat shall be black (Federal Standard #17038).

2.2 Construction Requirements.

2.2.1 Delivery, storage, handling and installation methods shall be per fence manufacturer's recommendations.

2.2.2 Fence posts shall be spaced no greater than the maximum post spacing shown on the plans, plus one-half inch. For installations along sloping grades, the post spacing will be measured along the grade. Separation gaps shall be provided at a minimum of every six panels.

2.2.3 For field assembly, zinc-rich primer shall be applied to thoroughly cover field-cut or field-drilled edges. Two coats of manufacturer supplied finish paint shall be applied to match fence color.

2.3 Warranty. All structural fence components shall be warranted by the manufacturer for a period of ten (10) years from the date of final acceptance by the engineer. Warranty shall cover any defects in material finish, including cracking, peeling, chipping, blistering, or corrosion and necessary labor required to replace or restore such parts.

3.0 Method of Measurement. Measurement shall be made horizontally and to nearest linear foot of fence installed.

4.0 Basis of Payment. Payment for the work described above and on the contract plans, including all material, equipment, labor, and any other incidental work necessary, will be considered completely covered by the contract unit price for (48 in.) Decorative Pedestrian Fence (Structures).

C. SLAB DRAIN MODIFICATIONS

1.0 Description. This work shall consist of plugging and filling existing bridge deck slab drains as specified on the plans.

2.0 Materials.

2.1 All material for plugging the existing drain shall be ASTM A709 Grade 36 structural steel and shall be galvanized in accordance with ASTM A123. Plug shall be a minimum of ¼" thick.

2.2 All material for filling the existing slab drains shall be either Class B-1 or B-2 Concrete.

3.0 Construction Requirements. The contractor shall submit shop drawings consisting of the method and materials used to plug the existing slab drains specified in the plans to be plugged. The submittal shall include the following:

1. Locations of field cutting and/or welding.
2. Material used to plug the slab drain, the method of securing the plug in position, and the material proposed for galvanization touch-up.
3. The type of concrete material used to fill in the drain cavity.

3.1 Prior to securing the plug, the inside of the existing slab drain shall be thoroughly cleaned of all dirt, debris, oil, and any other foreign substances.

3.2 The concrete fill material shall be prevented from running out the bottom of the existing drain and shall be struck off level with the top of existing 8"x4" drain pipe.

4.0 Method of Measurement. This work will be measured per each slab drain plugged.

5.0 Basis of Payment. Payment for this work including all materials, equipment, and labor necessary to plug the existing slab drains and fill them with concrete will be considered completely covered by the contract unit price for Slab Drain Modifications.