

**Amendment #6**

**V. Special Provision 69 (replacement)**

**AA. Special Provision 80 (replacement)**

**Replacement sheets (3R, 4R, 38R, 62R)**

## **69. PAINT METALWORK, ITEM 707 002**

This S.P. modifies and supplements 707.

### **A. GENERAL**

The Contractor shall apply a three-coat paint system as specified herein. The painting of structural steel and other metalwork shall include complete preparation of the metal surfaces, application and protection of the drying paint coats, and furnishing all labor, materials, tools, scaffolding and other equipment, and incidentals necessary for proper execution of the work.

All new structural steel elements to receive new paint include but are not limited to the ends of interior structural steel girders for at distance extending five (5.0) feet measured longitudinally from the end of the girder including end diaphragms, all faces of the fascia girder, other steelwork including diaphragms, bearing plates, deck drainage system, and safety fence and its supporting elements. Excluded from painting shall be light standards, sign structures, electrical equipment and galvanized steel. Portions of structural steel in contact with concrete and other steelwork shall be painted with only the primer coat.

Offsite Painting – All painting operations, with the exception of on-site assembly and repair work, shall be conducted offsite in an approved painting facility.

If painting is conducted outside the District, the Contractor shall obtain all required permits and clearances required by the state and local governments. Prior to beginning work, evidence shall be provided that the Contractor has complied with all regulations and requirements of those entities and shall include with the documentation names, addresses and telephone numbers of state and local government officials for verification by the Engineer.

### **B. CAPABILITY OF WORKERS**

In addition to the requirements specified in 707.03(B), all shop and field painting shall be performed by a Contractor/Subcontractor having current AISC Bridge QMS Certification for simple bridges.

### **C. TRANSPORTATION, ONSITE STORAGE AND PROTECTION OF PAINTED STEEL**

All steel that has been shop painted shall be transported to the job site in such a manner that prevents damage to the paint system. The Contractor shall take reasonable precautions including, but not limited to, padding of contact points and lifting devices, covering of exposed painted surfaces and proper securing/restraining during the transportation and onsite storage of the steel. Additionally, the exposed surfaces of structural steel shall be covered during the placement of concrete.

#### **D. MEASURE AND PAYMENT**

The unit of measurement will be the job which includes painting and touch-up of structural steel girders, beams, diaphragms, exposed parts of fasteners, bearing plates, deck drainage system, safety fence and supporting elements. No actual measure will be taken.

Payment will be made at the Contract lump sum price, which payment will include cleaning and surface preparation, application and protection of paint coatings, repair of damaged or unsatisfactory paint surfaces, preparation and submittal of all required procedures and information, performance of all additional work required by this specification and all labor, material, tools, equipment and incidentals to accomplish the work specified.

## **80. SUBFOUNDATION WORK MAT CONCRETE, ITEM 702 002**

This S. P. modifies and supplements 702.

### **A. GENERAL**

This S.P. pertains to the placement of Subfoundation Work Mat concrete as a leveling course for placement of the precast footings for the new bridge abutment stem walls and the new wingwalls as per the plans and specifications. After the removal of the existing bridge footings and additional structure excavation below the proposed bottom of footing to expose rock, Subfoundation Work Mat Concrete shall be placed and leveled to the elevation indicated on the plans and as indicated by the Engineer based on a review of the geotechnical testing as indicated in BRIDGE DEMOLITION. The Subfoundation Work Mat Concrete shall be placed in accordance with MASS CONCRETE specifications and special provisions under this contract. The Contractor shall submit to the engineer for his review and acceptance his/her chosen method of supporting and leveling the new precast footings at the desired bottom of footing elevations so that it will have a minimum open space between the top of Subfoundation Work Mat Concrete and the bottom of the new precast footing of 3 inches and allow grout to be pumped in this space. The work related to support the new bridge substructure element including the precast foundation and grouting the opening between the bottom of the new footing and top of SUBFOUNDATION WORK MAT CONCRETE shall be paid under prefabricated bridge substructure payment, item 703021.

Any additional Subfoundation Work Mat concrete that is placed below the indicated approximate bottom elevation of the Subfoundation Work Mat concrete pad as required due to additional excavation necessary to reach sound rock or acceptable bottom of subfoundation work mat concrete elevation shall be paid for at the unit price bid per cubic yard for the Subfoundation Work Mat concrete payment item. The additional excavation will be paid under pay item for structure excavation 205002.

### **B) MATERIALS**

As per 702.02

### **C) CONSTRUCTION REQUIREMENTS**

As per 702.03

### **D) MEASURE AND PAYMENT**

As per 702.04

The reinforcing steel for the Subfoundation Work Mat is included and paid for under Item 704 002 Reinforcing Steel.