

## **54.17 PAINTING STEEL POSTS AND FRAMES AND SIGN STRUCTURES**

### **54.17.1 GENERAL**

The Work consists of painting of steel posts and frames and overhead steel sign structures to protect non-galvanized surfaces.

### **54.17.2 MATERIALS**

The Contractor shall supply an aluminum rust resistant paint, acceptable to the Engineer.

The Contractor shall supply tarps and spray sheets when necessary.

### **54.17.3 EQUIPMENT**

The Contractor shall supply all equipment necessary to complete the Work.

### **54.17.4 PROCEDURE**

Traffic control and signing shall be performed in accordance with Specification 55.1, Traffic Accommodation and Temporary Signing.

The Contractor shall remove all flaking rust or peeling paint from the area to be treated. Remaining paint edges or badly pitted areas shall be prepared to a smooth surface prior to painting.

Prior to painting, the surface to be treated shall be dry and clean. Paint shall be applied by spraying, brushing, rolling or a combination of these methods. Plaques on each overhead steel sign structure, stating its file number, shall not be painted. Paint shall be applied only if the temperature is 5°C or higher.

All bolts, rivets, plate edges, crevices and corners shall receive complete coverage.

The Contractor shall take precautionary measures to prevent property or environmental damage while painting. This may include rescheduling spraying operations to light traffic and/or light wind periods, the use of protective devices such as tarps or spray sheets, or whatever other arrangements may be necessary to prevent paint drift.

### **54.17.5 TIME TO COMPLETE**

All Work shall be completed within 60 calendar days of issuance of the Work Order.

### **54.17.6 MEASUREMENT AND PAYMENT**

Measurement will be made of the number of sign units (steel posts and frame) painted.

Measurement will be made of the number of overhead steel sign structures painted.

Payment will be made at the unit price bid per sign unit for "Painting Steel Posts and Frames". This payment will be full compensation for preparing the surface, supplying and applying the paint, site cleanup, public and environmental protection, traffic accommodation and signing, and all labour, material, equipment, tools and incidentals necessary to

complete the Work.

Payment will be made at the unit price bid per overhead steel sign structure for "Painting Overhead Steel Sign Structure". This payment will be full compensation for preparing the surface, supplying and applying the paint, site cleanup, public and environmental protection, traffic accommodation and signing, and all labour, material, equipment, tools and incidentals necessary to complete the Work.

**54.17.7                    WARRANTY**

The warranty period for this Work shall be 1 year.