

## **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, or zinc rich paint acceptable to the Engineer. Zinc rich paints shall be used on galvanized posts, frames or structures.

The Contractor shall supply tarps and spray sheets when necessary.

### **54.17.3 PROCEDURE**

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.

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 or removing paint. 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.

### **54.17.4 TIME TO COMPLETE**

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

### **54.17.5 ACCEPTANCE CRITERIA**

Evaluation of the Work will be based upon a visual inspection by the Engineer. To be acceptable, flaking or peeling paint must be removed prior to the painting, there must be a complete coverage of paint, and the work site is left in a clean condition.

**54.17.6 MEASUREMENT AND PAYMENT**

Payment will be made as Extra Work in accordance with the Specification 51.2, General (for Maintenance Work). This payment will be full compensation for preparing the surface, supplying and applying the paint, site cleanup, public and environmental protection, 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.

If rust is evident under the new layer of paint within the warranty period, the Contractor shall clean and repaint these areas to the satisfaction of the Engineer.