

## **SECTION 515 PIPE HANDRAIL**

### **515-1 Description.**

Furnish, erect, and paint pipe handrail.

### **515-2 Materials.**

Provide rails and posts of 1 1/2 inch [38 mm] outside diameter standard steel pipe meeting the requirements of 962-9.1. When specified in the plans, the Contractor may use aluminum pipe of the sizes shown.

### **515-3 Construction Methods.**

**515-3.1 Erection:** Erect handrail in accordance with the details shown in the plans or at the direction of the Engineer. Anchor the posts to the concrete by means of standard pipe fittings, and at intervals shown in the plans or approved by the Engineer. Make connections by electric arc welding or with standard pipe fittings.

**515-3.2 Painting:** Cover the posts and handrail with two prime coats of a good commercial grade of zinc-chromate paint, and a third coat of a good grade commercial aluminum paint, as approved by the Engineer. The Engineer will not require testing of the paint. The Engineer will not require painting of aluminum pipe railing.

### **515-4 Method of Measurement.**

The quantity to be paid for will be the plan quantity, in feet [meters], furnished, painted, and erected, completed and accepted. Plan quantity will be measured as the length along the top rail.

### **515-5 Basis of Payment.**

Price and payment will be full compensation for all work specified in this Section, including completing the handrail.

Payment will be made under:

Item No. 515- 1 -	Pipe Handrail - per foot.
Item No. 2515- 1 -	Pipe Handrail - per meter.