
Special Specification 5069

Steel Grate Sidewalk Crossing



1. DESCRIPTION

Construct steel grate sidewalk crossing in accordance with the details shown in the plans.

2. MATERIALS

Furnish materials in accordance with the following unless otherwise stated in the details shown in the plans:

- Item 442, "Metal for Structures"
- Item 440, "Galvanizing"
- Item 447, "Structural Bolting"

Provide prefabricated galvanized steel plates conforming to AASHTO M 167.

Fabrication. Use structural units of diamond plated galvanized metal for steel plates. Furnish single plates in standard lengths to permit steel plate fabrication to dimensions shown in plans. The steel plate fabrication should be of one plate and any fabricated plates with welded joints will be rejected.

Provide countersunk bolt holes along both edges of the plate spaced in accordance with the spacing identified in the plans

Coat steel plates with a slip resistant epoxy coating having an earth tone color.

3. CONSTRUCTION

Construct steel grate sidewalk crossing in accordance with the details shown in the plans.

4. MEASUREMENT

This item shall be measured by each steel plate.

5. PAYMENT

Payment for each steel plate shall include the cost of diamond plated galvanized metal plates, fabrication, epoxy, bolts, labor, and any other materials necessary for the complete installation in accordance with the plans.