
Special Specification 4147

Transfer Ramps



1. DESCRIPTION

Construct and install Transfer Ramps at Ferry landings.

2. MATERIALS

Furnish materials in accordance with the plans and in accordance with the following:

- Item 441, "Steel Structures"
- Item 442, "Metal for Structures"
- Item 445, "Galvanizing"
- Special Specification, "Thermal Sprayed Aluminum (TSA) Coating"

Provide protective coating for W-beam for railing and metal grating in accordance with Item 445, "Galvanizing." Coat other steel elements on the transfer ramp must be coated with Thermal Sprayed Aluminum (TSA) according to Special Provision to Item 446, "Field Cleaning and Painting Steel."

3. CONSTRUCTION

Use construction methods, workmanship, equipment, and materials conforming to the various Standard Specification Items which normally govern items of work under this contract and to the detail shown in the plans.

Exercise care not to damage existing structures (gantry towers, fender wingwalls, dolphins, etc.) when removing existing transfer ramps, counter weights, and bearings and when installing new transfer ramps. Repair any damage to existing structures at no expense to the Department.

Salvage existing counter weights, chains, bearings, and bearing pins and store them with care and reuse after removal.

After installation, test the transfer ramp system for correct operation. Meet the operational performance of the existing transfer ramp and satisfy the Owner's expectations.

4. MEASUREMENT

This Item will be measured by each Transfer Ramp, complete in place.

5. PAYMENT

The work performed, materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Transfer Ramp." This price is full compensation for the removal and disposal or salvage of the existing transfer ramps, materials, fabrication, transportation, erection, paint, thermal spray aluminum coating, galvanizing, equipment, tools, labor, and incidentals.