

INSTALL STEEL GRID FLOORING

****From Richmond BHF 0209(6)**

- xx. DESCRIPTION. This work shall consist of installing prefabricated steel grid flooring panels on the proposed superstructure, installing all joints between panels, and performing any modifications to the panels as necessary to ensure proper installation.

The work under this Section shall be completed in accordance with the Plans and the manufacturer's recommendations.

- xx. MATERIALS. Materials shall meet the requirements of the following Subsections:

General Requirements for Structural Steel.....714.01
Structural Steel.....714.02

The steel grid flooring panels will be supplied by the Agency in accordance with the Contract Documents.

- xx. CONSTRUCTION DETAILS. The work shall proceed in a neat and workmanlike manner. The deck panels shall be placed on the structure with care. Consideration shall be given to the alignment of each adjacent panel.

The Contractor shall provide the Engineer with all facilities necessary to conduct a thorough inspection of all the erection work.

A steel grid flooring representative shall be on site during the initial installation of steel grid flooring to provide guidance for the Contractor.

The Contractor shall provide to the Engineer, in advance of any erection, a detailed erection procedure that indicates the method of erection and the equipment to be used. Specific reference to maintenance and protection of traffic procedures to be employed shall be included in the procedure. The erection procedure must be approved by the Engineer prior to the start of any erection work.

Adjacent deck panels shall match in elevation with each other, within the tolerance shown on the approved Working Drawings. If this tolerance is not met, the Contractor shall adjust the panels as indicated in the procedure shown on the approved Working Drawings. The Contractor shall make all final adjustments in the elevation through the use of the leveling devices.

The surface of all joints and haunches shall be free of any material such as oil, grease, or dirt which may prevent bonding of the superstructure concrete.

- xx. METHOD OF MEASUREMENT. The quantities of Special Provision (Install Steel Grid Flooring, Bridge) and Special Provision (Install Steel Grid Flooring, Sidewalk) to be measured for

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payment will be on a lump sum basis installed in the complete and accepted work.

- xx. BASIS OF PAYMENT. The accepted quantities of Special Provision (Install Steel Grid Flooring, Bridge) and Special Provision (Install Steel Grid Flooring, Sidewalk) will be paid for at the Contract lump sum price. Payment will be full compensation for loading, transporting, handling, and installing the steel grid flooring; modifying the steel grid flooring as needed; having a steel grid flooring representative on site; and for furnishing all labor, materials, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.645 Special Provision (Install Steel Grid Flooring, Bridge)	Lump Sum
900.645 Special Provision (Install Steel Grid Flooring, Sidewalk)	Lump Sum