

BEARING ASSEMBLY, FLOATING BRIDGE

****From Brookfield BRF FLBR(2)**

XX. DESCRIPTION. This work shall consist of detailing, fabricating, furnishing, and installing bridge bearing devices on a floating bridge.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 531 of the Standard Specifications.

XX. MATERIALS.

(a) Steel Components. Steel plates and shapes used for fabrication shall be Austenitic stainless steel conforming to ASTM A 240/A 240M or A 276, as applicable, and shall be hot-finished with a minimum yield strength of 30 ksi and minimum tensile strength of 70 ksi.

(b) Hardware. Bolts, screws, anchor rods, and associated nuts and washers shall be stainless steel conforming to ASTM F 593, Alloy Group 1, 2, or 3, Condition CW, with a minimum yield strength of 43 ksi and minimum tensile strength of 75 ksi.

XX. WELDING. All weld design details, quality of work, procedures, and inspection of welding shall conform to the requirements of AWS D1.6 Structural Welding Code - Stainless Steel and Subsection 506.10. Field welding will not be allowed.

XX. METHOD OF MEASUREMENT. The quantity of Special Provision (Bearing Device Assembly, Floating Bridge) to be measured for payment will be the number of units used in the complete and accepted work. All bearing device components and anchor bolt assemblies will be included as part of the measured unit. Anchor bolt assemblies include bolts, threaded rods, nuts, washers, drilling, and grouting required for installation of bearing devices.

XX. BASIS OF PAYMENT. The accepted quantity of Special Provision (Bearing Device Assembly, Floating Bridge) will be paid for at the Contract unit price for each. Payment will be full compensation for detailing, furnishing, handling, transporting, and placing the materials specified, including surface preparation, anchor bolt assemblies, drilling for anchor bolts, mortar, preformed fabric bearing pads, bearing device components, sole plate assemblies and hardware for connecting sole plate assemblies to structural glued laminated beams, welding, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.620 Special Provision (Bearing Device Assembly, Floating Bridge)	Each