

REMOVE AND RESET EXISTING BRIDGE RAILING POST

****From St. Johnsbury IM MEMB(27)/BHF MEMB(28)**

xx. DESCRIPTION. This work shall consist of removing and resetting existing bridge railing posts at the locations indicated in the Plans and as directed by the Engineer.

xx. MATERIALS. The Contractor shall retain and re-use the existing bridge railing post, anchor bolt assembly (anchor bolts, anchor plate, etc.) and all other hardware, except as noted below.

The Contractor shall furnish new steel bolts, nuts, washers, and set screws as required for reattaching the post to the existing bridge railing, and new nuts and washers for attaching the post to the anchor bolts. New hardware shall meet the requirements of Subsection 732.02.

xx. CONSTRUCTION REQUIREMENTS. The Contractor shall remove and reset the existing bridge railing posts as necessary to modify the wingwall and bridge curbs as detailed in the Plans. The existing bridge railing shall be temporarily supported to the satisfaction of the Engineer while the concrete curb work is being performed.

The anchor bolt assembly shall be properly re-cast into the new concrete curb to allow the bridge railing and post to be reattached without modification to the bridge railing or post.

Drill holes shall be 45 mm (1 ¾") in diameter. New anchor bolts shall be grouted in with a two component adhesive mortar or epoxy approved by the Engineer. A minimum pullout strength of 134 kN (30 kips) shall be attained on the new bolts. A sample grouted bolt will be tested before materials are approved for use, and then random bolts will be field tested by the Agency to ensure this strength is being attained.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Remove and Reset Existing Bridge Railing Post) to be measured for payment will be the number of posts removed and reset in the complete and accepted work.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Remove and Reset Existing Bridge Railing Post) will be paid for at the Contract unit price per each. Payment will be full compensation for removing and resetting the bridge railing post, temporarily supporting the bridge railing, providing new hardware as required, 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 (Remove and Reset Existing Bridge Railing Post)	Each