

BRIDGE RAILING, WEATHERING

**\*\*The following provisions are for use on projects requiring weathering bridge rail and are final for repetitive use. The provisions below were written for projects requiring the specified pay items; the pay item listing should be modified to meet the needs of a particular project. Note: These provisions were used on the Rochester-Chittenden-Rochester STP 2505(1)S project, for which bids were opened on February 9, 2007. The solicitation of bids for that project proved that additional language is required for this specification, specifically regarding the treatment of steel posts and connecting hardware. Areas shaded in green represent language that has been added since use on the Rochester-Chittenden-Rochester STP 2505(1)S project.**

- xx. DESCRIPTION. This work shall consist of furnishing and erecting corrosion resistant bridge railing as shown in the Plans and as directed by the Engineer.

The work under this Section shall be performed in accordance with these provisions and Section 525 of the Standard Specifications.

- xx. MATERIALS. **Steel guardrail beam (W-beam)** shall meet the requirements of Subsection 732.04 and Subsection 728.02(d) for corrosion resistant steel.

**When steel posts are specified, they shall have the same corrosion resistance as specified for the guardrail beam.**

**Steel offset blocks shall be of the same material as the post with no galvanizing applied.**

**Backup plates shall be of the same material as the guardrail beam.**

**Bolts, nuts, washers, and miscellaneous hardware shall conform to the requirements of Subsection 728.03.**

- xx. METHOD OF MEASUREMENT. The quantities of Special Provision (Bridge Railing, Weathering HD Steel Beam/Curb Mounted) and Special Provision (Bridge Railing, Weathering HD Steel Beam/Fascia Mounted) to be measured for payment will be the number of meters (linear feet) of rail used in the complete and accepted work. Measurement will be made along the face of the rail from end to end or between the pay limits specified.

- xx. BASIS OF PAYMENT. The accepted quantities of Special Provision (Bridge Railing, Weathering HD Steel Beam/Curb Mounted) and Special Provision (Bridge Railing, Weathering HD Steel Beam/Fascia Mounted) will be paid for at the Contract unit price per meter (linear foot). Payment will be full compensation for detailing, furnishing, handling, placing, and delineating the railing components, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

10/1/2012

<u>Pay Item</u>	<u>Pay Unit</u>
900.640 Special Provision (Bridge Railing, Weathering HD Steel Beam/Curb Mounted)	Meter (Linear Foot)
900.640 Special Provision (Bridge Railing, Weathering HD Steel Beam/Fascia Mounted)	Meter (Linear Foot)