

S.N. 082-6001 MLK BRIDGE OVE SHEET NO. 533 OF S130



PROPOSED STEEL POST

Notes:

The contractor shall exercise extreme care during removal of existing parapet.

See existing parapet erection plans for additional details. Field drill additional holes in the aluminum parapet extrusion as required. An estimated 388 additional holes are required. Abandoned holes in aluminum extrusion shall be filled with a ${}^{5}_{8}$ " dia. Stainless Steel bolt. An estimated 102 bolts are required. All steel shapes and plates shall conform to the requirements

of AASHTO M 270 Gr. 36.

Post and parapet shall be in accordance with Section 509 of the Standard Specifications, except as noted and shall be paid for at the contract unit price Each for Steel Post, Attached to Structures.

All stainless steel hardware for railings shall conform to Section 1006.31 of the Standard Specifications.

All post and anchor devices shall be galvanized after shop fabrication in accordance with AASHTO M 111.

Anchor bolt material shall conform to the requirements of ASTM F 1554 Gr. 36 and Section 1006.09 of the Standard Specifications.

Structural plate washers or a continuous bar with Standard holes. not less than 0.3125 in. In thickness, shall be required to completely cover long slotted holes. Hardened washers shall be placed over the outer surface of the plate washer or bar,

Nut and washer material for anchor bolts shall conform to Section 1006.09 of the Standard Specifications, except as noted.

Anchor bolts, washers and nuts shall be galvanized in accordance with AASHTO M232. Class C.

Existing conduit shall be temporarily supported while posts are being replaced and reattached when posts are in place.

The cost of posts, base plates, anchor plates, bolts, nuts, washers, fabric pads, and anchor bolts along with complete installation shall be included in the cost of Steel Post, Attached to Structure.

The cost of drilling new holes in the aluminum parapet extrusion and the cost to temporarily support and reattach existing conduit shall be included in the cost of Remove and Reinstall Existing Aluminum Parapet.

ET DETAILS – GRID DECK	F.A.P. RTE	SECTION	COUNTY	TOTAL	SHEET NO.
ER MISSISSIPPI RIVER	799	18R, DRS-2	ST. CLAIR	156 NO. 7	51 6803
38 SHEETS		ILLINOIS FED. A		1407 1	0003