

CORROSION RESISTANT BREAKAWAY STEEL BEAM

Fabricate and install corrosion resistant weathering supports as shown in the plans. Furnish supports and breakaway plates conforming to AASHTO M 222 (ASTM A 588) or ASTM A 242. Punch, cut, or weld supports prior to the process of making the steel posts corrosion resistant. Provide supports which are uniformly straight to within 1/8 inch (3.2mm) tolerance for pieces less than 20 feet (6.1m) in length and 1/4 inch (6.4mm) tolerance for pieces over 20 feet (6.1m) in length.

Cut the upper and middle sections of breakaway supports from the same member. Bolt the hinge joint in the breakaway supports so as to ensure true alignment of the two sections. After bolting of hinge connections make sure that the two sections are in the same position relative to each other, as prior to being cut. Completely assemble breakaway supports prior to erection.

For signs designated with corrosion resistant steel posts, paint backs and edges of sign panels with a dark brown color. Submit color sample to the Resident Engineer for approval.

Provide supports that are plumb. Do not shim the supports. Take adequate care during erection of supports to prevent damage to the surface finish.

METHOD OF MEASUREMENT

Actual number of pounds (kg) of corrosion resistant steel. The computed nominal weights shown in the final revised plans will be used in determining this quantity. Measurement will not be made of the weight of nuts, bolts, and washers which are part of the sign support, as they will be considered incidental to the work.

BASIS OF PAYMENT

The work covered by this section will be paid for at the contract unit price of steel post erected.

Payment will be made under:

Supports, Corrosion Resistant
Breakaway Steel Beam..... Pound (Kg)