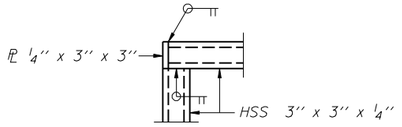
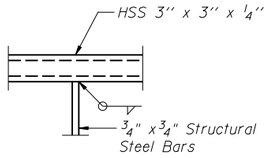
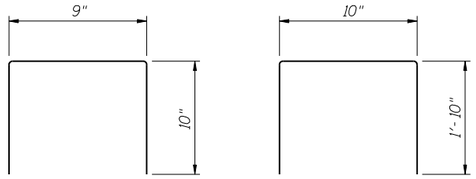


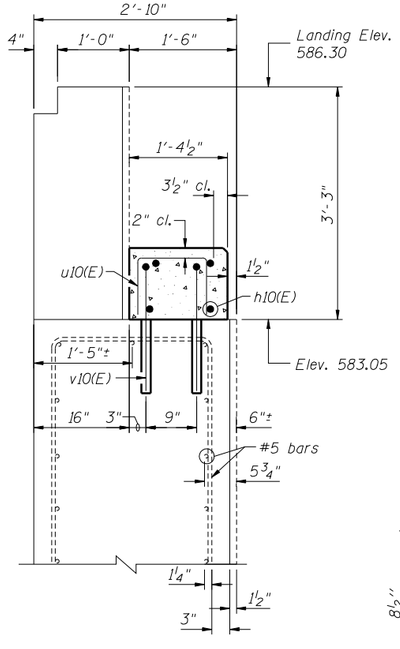
DETAIL C



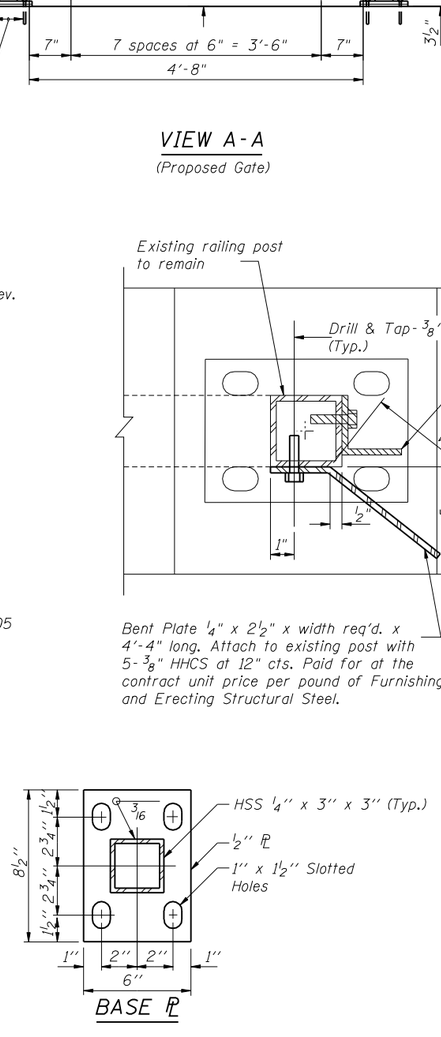
DETAIL D



FRONT ELEVATION

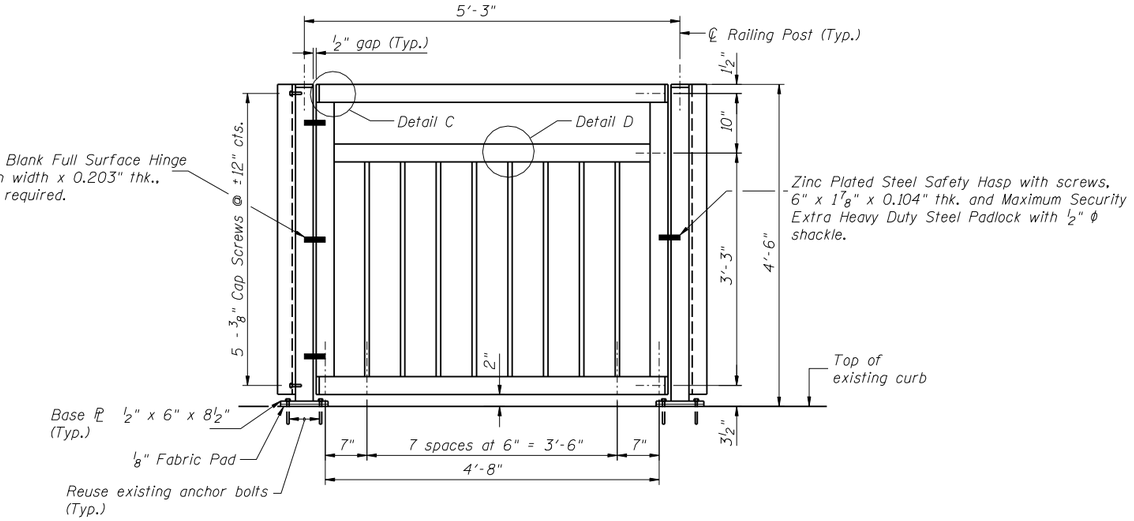


SECTION E-E



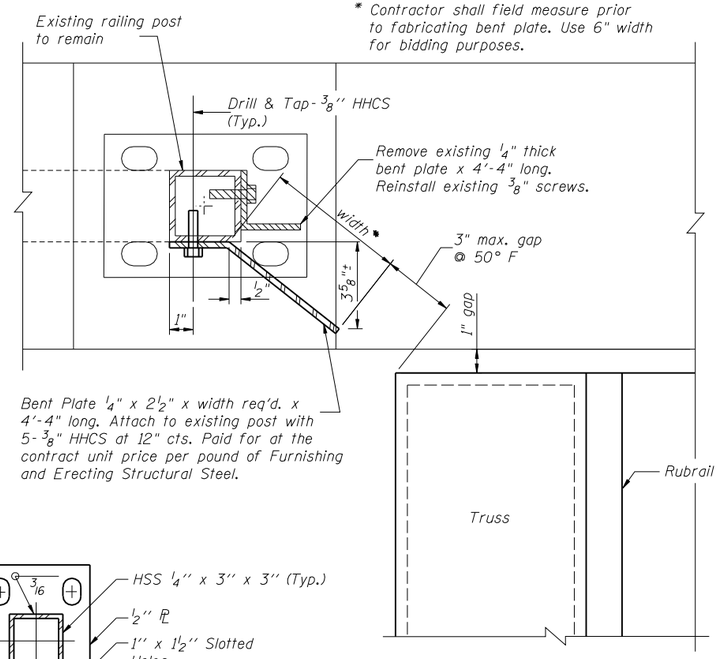
BASE ℄

CONCRETE PEDESTAL DETAILS



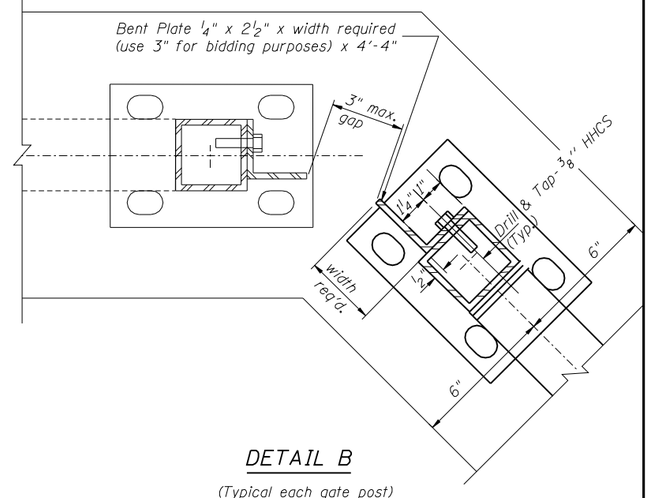
VIEW A-A

(Proposed Gate)



DETAIL A

(Typical each side of bridge)



DETAIL B

(Typical each gate post)

NOTES

1. Railing shall be according to Section 509 of the Standard Specifications, except as noted, and will be paid for at the Contract Unit Price per foot for Pedestrian Railing.
2. Hollow structural sections shall conform to the requirements of ASTM designation A 500, Grade B, structural steel tubing.
3. All other steel shapes and plates shall conform to the requirements of AASHTO M 270 Grade 36.
4. All post, railing, anchor devices, and bent plates shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385. All bolts, nuts, washers, and anchor rods shall be galvanized according to AASHTO M 232 except stainless steel bolts as noted. Vent holes for galvanizing shall be placed in the posts and railings at locations that will not allow the accumulation of moisture in the members.
5. Space reinforcement to miss anchor bolts.
6. All edges shall have a 3/4" chamfer unless noted otherwise.
7. Location of bearings to be as required for prefabricated truss bridge used. Prefabricated truss bridge manufacturer shall design bearings and anchor bolts to accommodate bearing seat dimensions provided with due consideration for required anchor bolt spacing and distances from anchor bolts to free edges of concrete.
8. The quantities, dimensions, and reinforcement details shown were developed using the bearing seat elevations shown and may change based upon final bearing seat elevations. Contractor shall adjust the bearing seat elevations accordingly to accommodate the prefabricated truss bridge used. Vertical lengths of affected bars shall also be adjusted accordingly.
9. Epoxy grouting of bars shall be done according to Section 584 of the Standard Specifications. The grout and method of application shall be approved by the Engineer. Cost included with Reinforcement Bars, Epoxy Coated.
10. Reinforcement bars designated (E) shall be epoxy coated.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	8	#5	1'-8"	——
u10(E)	6	#5	2'-5"	⊓
v10(E)	8	#5	2'-8"	⊐

Item	Unit	Quantity
Pedestrian Railing	Foot	6
Furnishing and Erecting Structural Steel	Pound	100
Railing Removal	Foot	16
Concrete Structures	Cu Yd	0.2
Reinforcement Bars, Epoxy Coated	Pound	50