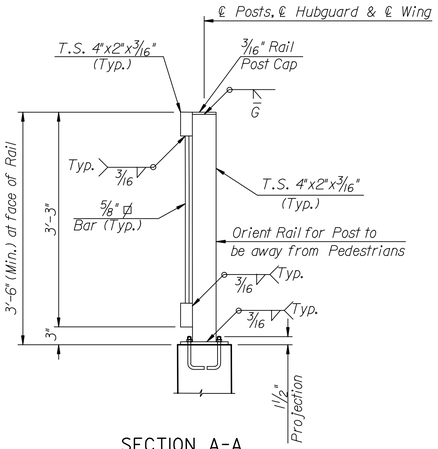
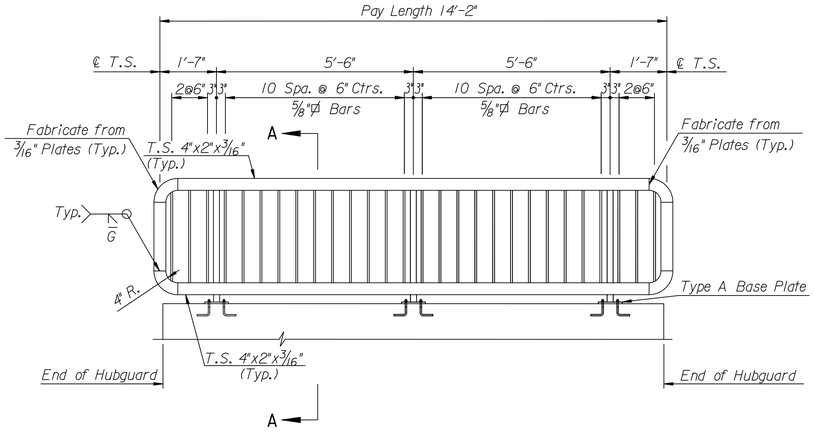
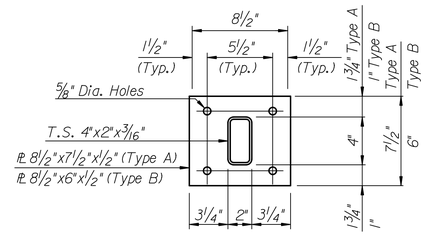



## SECTION A-A

Note:
Rail Post on Hubguard shown.
Rail Posts on Wingwalls not shown but similar controlling criteria.

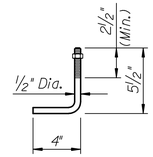



## HANDRAIL ELEVATION




## BASE PLATE DETAIL

3 Required (Type A)
4 Required (Type B)




## ANCHOR BOLT

Galvanized (ASTM A153)
(Orient to provide min. 1 1/2" edge clearance to either hubguard face/wingwall face or adjacent bolts)
(28 Required). May substitute expandable anchors when approved by the Engineer.

## GENERAL NOTES

The horizontal members of the Rail and Posts shall be hollow structural tubing. All structural steel tubing shall comply to A.S.T.M. designation A36 or A500 Grade B respectively.

Rail shall be fabricated in lengths as shown from end to end.

Post and Bars shall bet set vertical and shimmed if required.

Prior to painting abrasive blast to commercial finish SSPC-SP6 to obtain a surface profile of 1-1/2 Mils. The shop and field coats applied to structural steel shall conform to an inorganic Zinc Primer with water-borne Acrylic finish coat. (The finish coat shall match Carboline #0516.) Provide a color sample to the Engineer with shop drawing submittal.

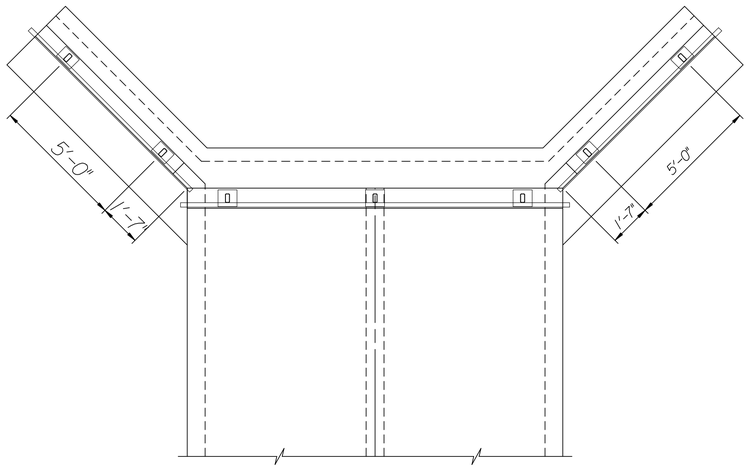
Material and construction shall conform to the structural welding code A.W.S. D1.1-01.

Shop details must be submitted and approved by the Engineer.

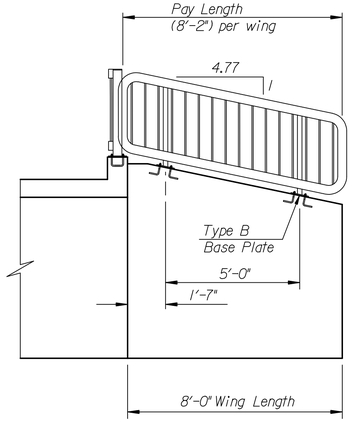
Slope of Handrail shall match the slope of the Wingwall.

All work associated with furnishing and installing Handrail shall be paid for as "Bridge Handrail (Steel)(Pedestrian)".

| BRIDGE HANDRAIL (STEEL)(PEDESTRIAN) | 30.50 | L.F. |
|---|---|---|




## PLAN




## TYPICAL WING

(2 Required)
See Handrail Elevation for Typical Details

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

# PEDESTRIAN RAIL

## GREENWICH ROAD

JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84004 STA. 122+89.59


Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003


| Designed by | RAS | Job No. | 04219 | Sht. 100 of 215 |
|---|---|---|---|---|
| Drawn by | DRP | Date | AUGUST 2005 | |

drawn by : drp
plotted by : ras 9-6-2005
I:/2004/04219/final/04219-000_C-PedestrianRail16x3(EPW8).dgn