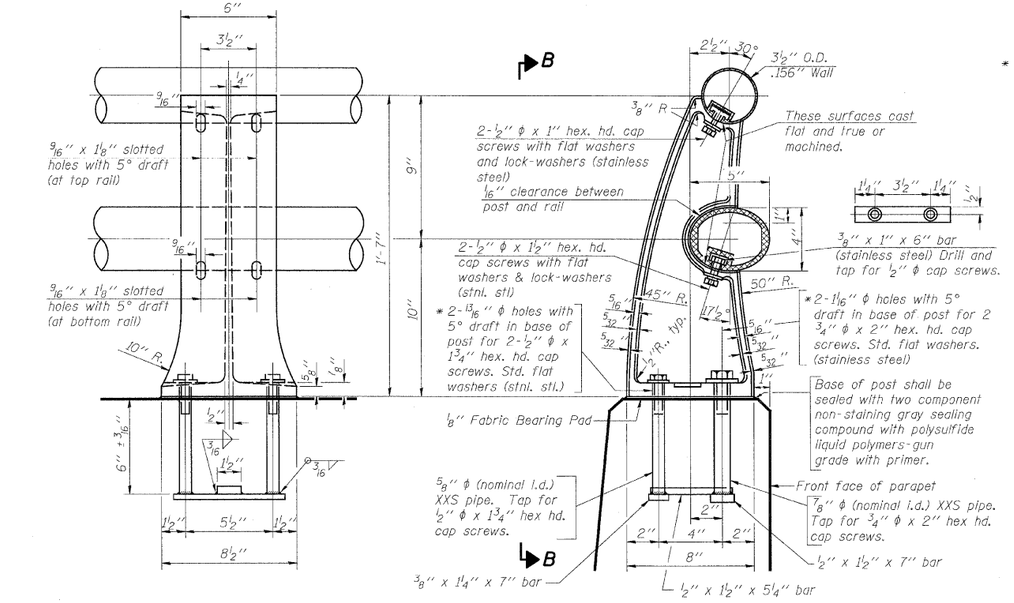
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B-1	DUPAGE	117	55
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62881

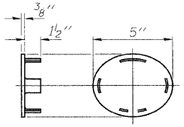


VIEW B-B

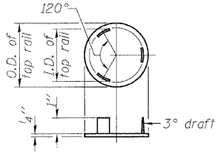
SECTION A-A

RAIL POST DETAILS

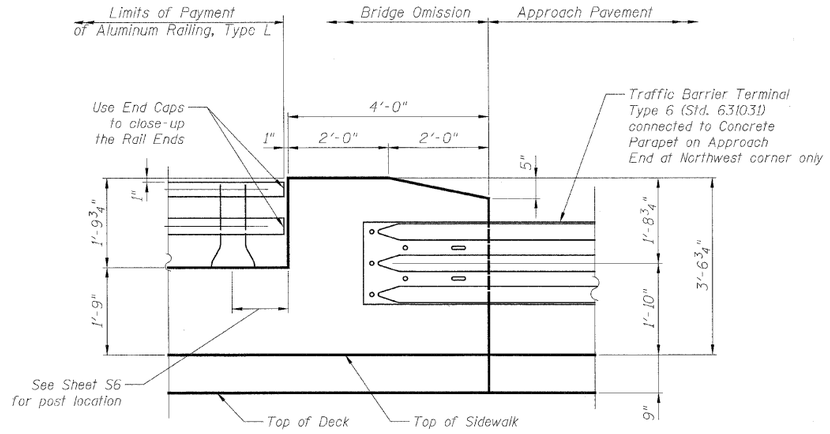
* In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



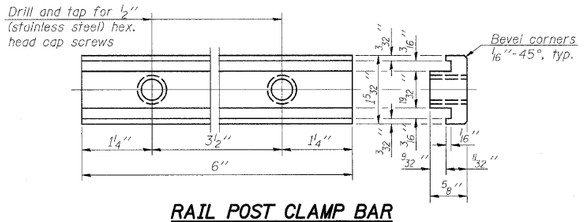
CAST END CAP
For bottom rail
DRIVE FIT TYPE
4 Required



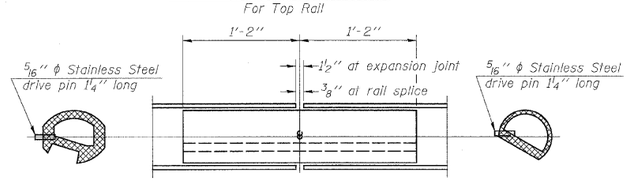
CAST END CAP
For top rail
4 Required



RAIL TERMINAL AT CONCRETE PARAPET



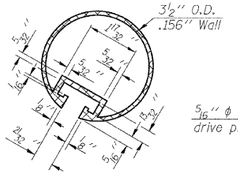
RAIL POST CLAMP BAR
For Top Rail



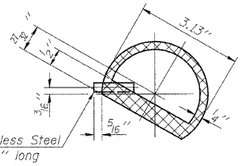
BOTTOM RAIL

RAIL SPLICE

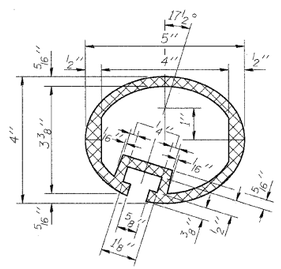
TOP RAIL



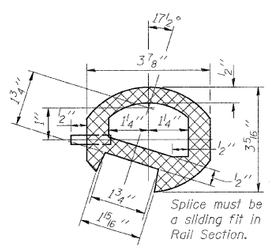
SECTION THRU TOP RAIL



SECTION THRU SPLICE
For Top Rail



SEC. THRU ELLIPTICAL RAIL SECTION



SEC. THRU SPLICE

Notes:
All Posts shall be normal to parapet.
All joints in rail shall be spliced per detail.
All exposed rail ends shall be capped per detail.
Provide 1-⅛" and 2-1/16" Aluminum Shims for 25% of the Posts. Rail elements shall be parallel to Grade-high spots will be ground and low spots shimmed.
See sheet S6 of S20 for rail post spacing.

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	99

ALUMINUM RAILING, TYPE L
STRUCTURE NO.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE RAILING DETAILS
ILLINOIS ROUTE 53 OVER
SPRING BROOK CREEK
FAU 2578 SECTION 532B-1
STRUCTURE NO. 022-0189
DUPAGE COUNTY STATION 166+46.79

SCALE: NONE
DATE: 6/12/09
DRAWN BY: E. MROCZEK
CHECKED BY: A. YARGICOGLU

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

10-1-08

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tkeppen(Rdwy Lisle)
6/10/2009 3:52:53 PM