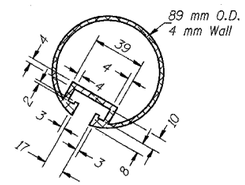
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

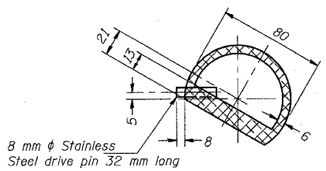
FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	442
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 7
7 SHEETS

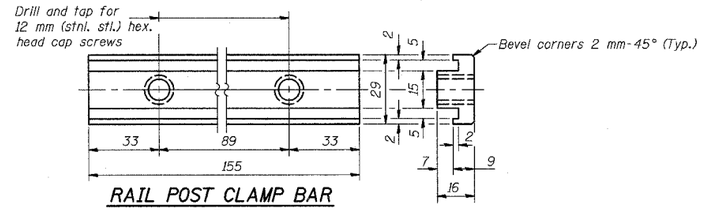
D-91-552-99 Contract No. 60881



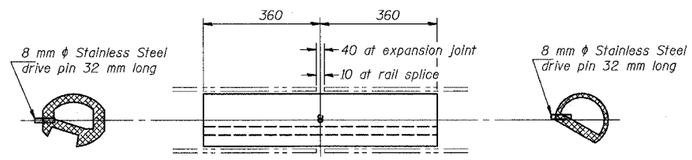
SECTION THRU TOP RAIL



SECTION THRU SPLICE
TOP RAIL



RAIL POST CLAMP BAR
For Top Rail



BOTTOM RAIL

RAIL SPLICE

TOP RAIL

NOTES:

All Posts shall be normal to parapet.

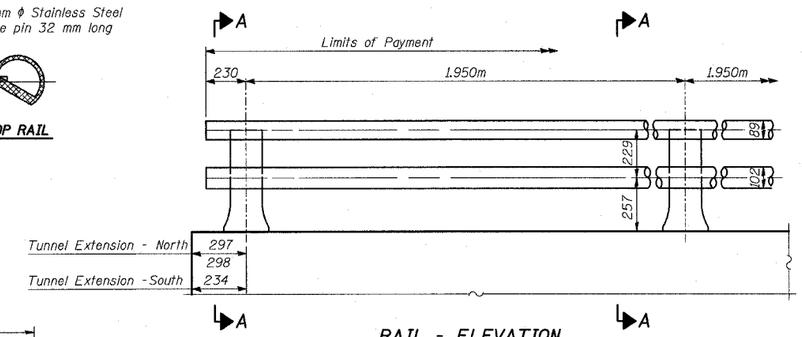
All joints in rail shall be spliced per detail.

Rail elements shall be parallel to Grade, provide aluminum shims as required.

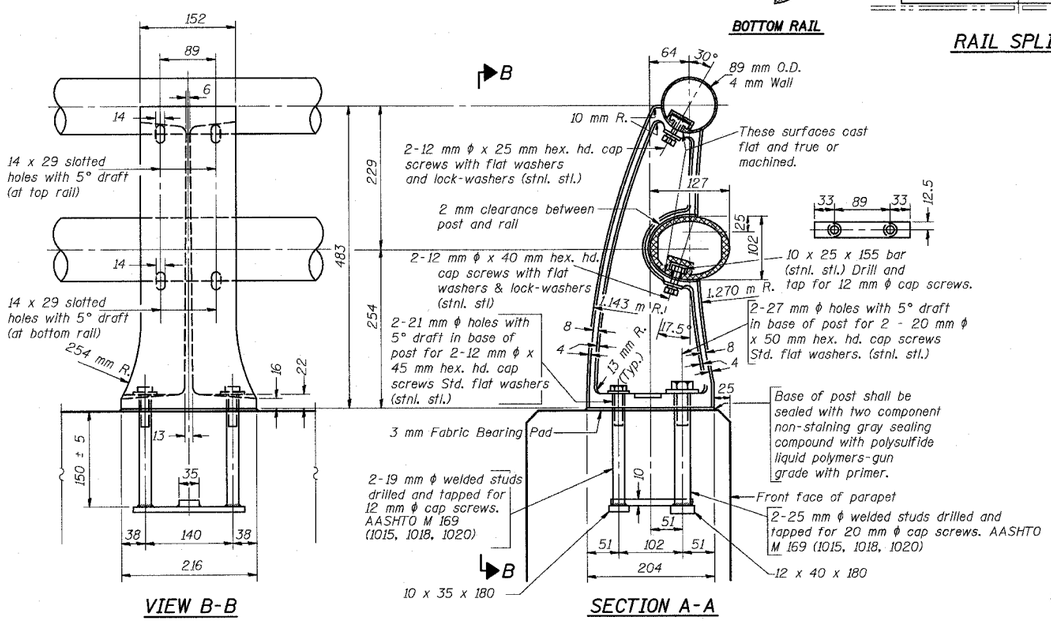
Railing shall be according to Section 509 of the Standard Specifications, except as noted, and will be paid for at the contract unit price per meter for ALUMINUM RAILING, TYPE L.

Aluminum alloy rail shall conform to ASTM B 221M alloy 6061-T6 or 6351-T5 with min. yield stress 240 MPa, min. tensile strength 260 MPa, and elongation of 10% in 50 mm.

All dimensions are in millimeters (mm) except as noted.



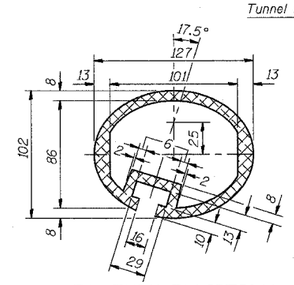
RAIL - ELEVATION
(Dimensions are measured along F.F. of parapet)



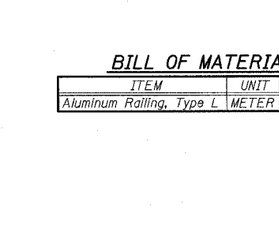
VIEW B-B

SECTION A-A

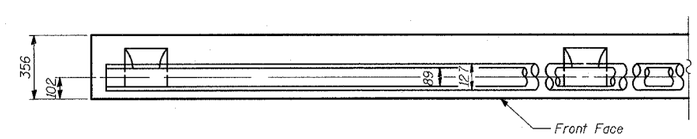
RAIL POST DETAILS



SEC. THRU ELLIPTICAL
RAIL SECTION



SEC. THRU SPLICE



RAIL - PLAN

BILL OF MATERIAL

ITEM	UNIT	QTY
Aluminum Railing, Type L	METER	9

TYLIN INTERNATIONAL

DESIGNED	DJR
CHECKED	MI
DRAWN	DJR
CHECKED	MI

DATE 03-22-2004

TYPE L
ALUMINUM RAILING

IL ROUTE 22 OVER
PEDESTRIAN TUNNEL EXTENSION
FAP 337 SECTION 20R-5
LAKE COUNTY
STA. 101+613.705
S.N. 049-T017

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