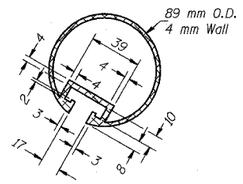
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

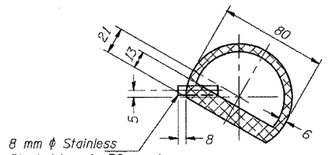
| FAP | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 337 | 20R-5 | LAKE | 562 | 423 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. 10
13 SHEETS

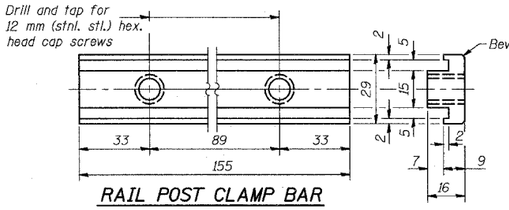
D-91-552-99 Contract No. 60881



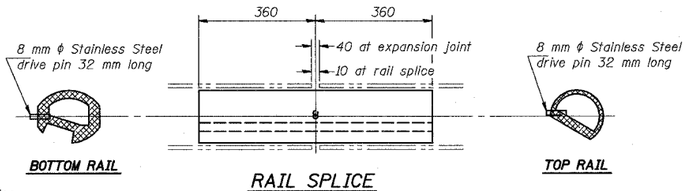

SECTION THRU TOP RAIL



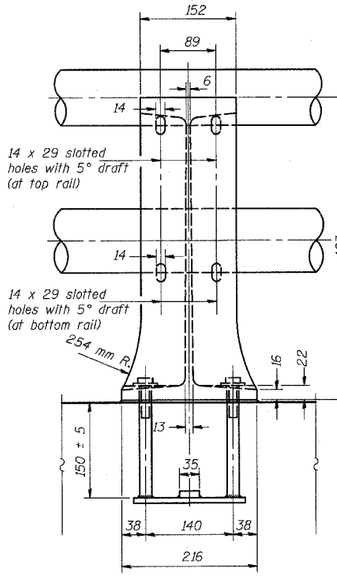

SECTION THRU SPLICE
TOP RAIL



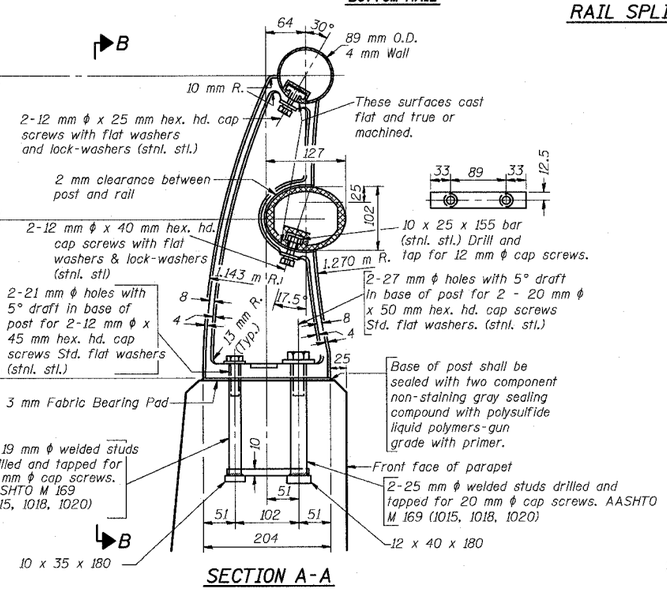

RAIL POST CLAMP BAR
For Top Rail




RAIL SPLICE

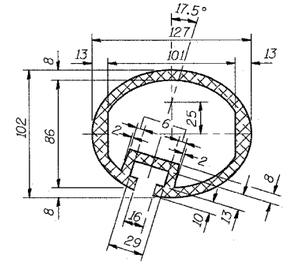



VIEW B-B

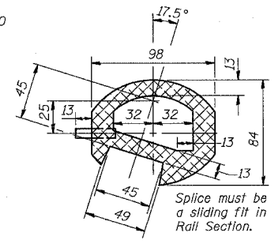



SECTION A-A

RAIL POST DETAILS




SEC. THRU ELLIPTICAL
RAIL SECTION




Splice must be
a sliding fit in
Rail Section.

SEC. THRU SPLICE

## NOTES:

All Posts shall be normal to parapet.

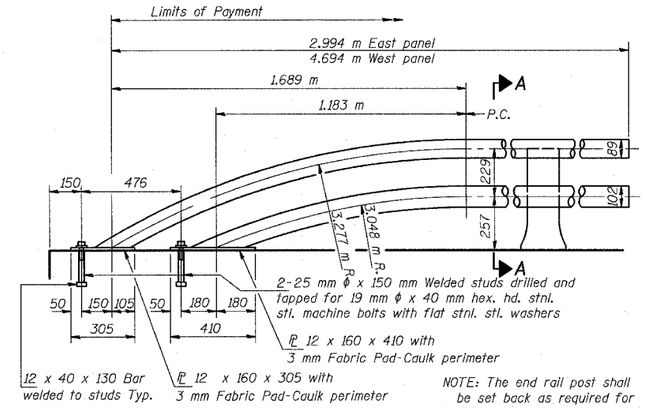
All joints in rail shall be spliced per detail.

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

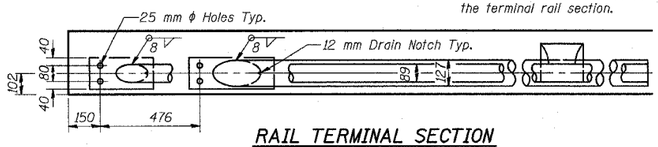
Railing shall be according to Section 509 of the Standard Specifications, except as noted, and will be paid for at the contract unit price per meter for ALUMINUM RAILING, TYPE L.

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.




NOTE: The end rail post shall be set back as required for the terminal rail section.




RAIL TERMINAL SECTION

## BILL OF MATERIAL

| ITEM | UNIT | QTY |
|---|---|---|
| Aluminum Railing, Type L | METER | 32 |

TYLIN INTERNATIONAL

| | |
|---|---|
| DESIGNED | DJR |
| CHECKED | MI |
| DRAWN | DJR |
| CHECKED | MI |

DATE 03-22-2004

TYPE L
ALUMINUM RAILING

IL ROUTE 22 OVER
PEDESTRIAN TUNNEL
FAP 337 SECTION 20R-5
LAKE COUNTY
STA. 100+775.000
S.N. 049-T016

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