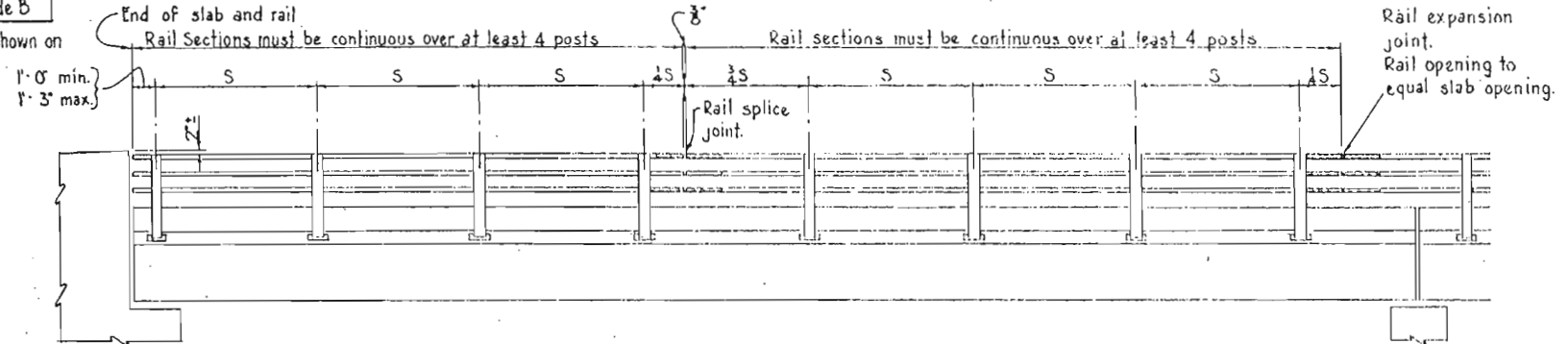
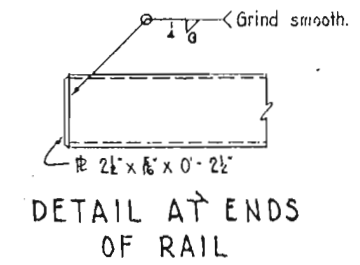


Max. S	Type of Steel (ASTM Designation) for 3x3 ^o
8'-6"	A501
9'-3"	A500 Grade A
10'-11"	A500 Grade B

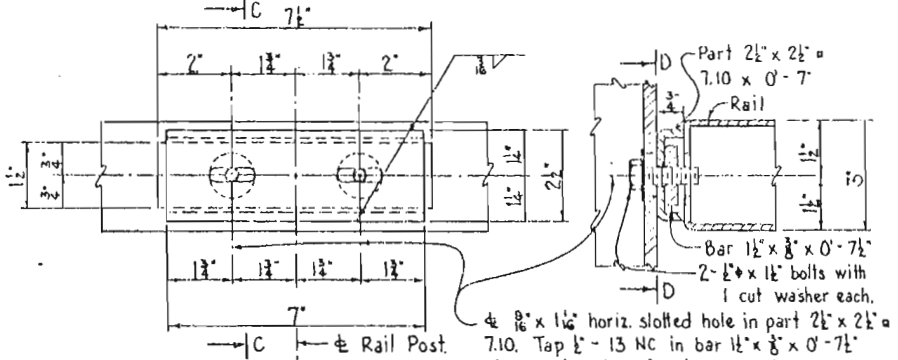
*Basis for spacing shown on plans. See Note 10.



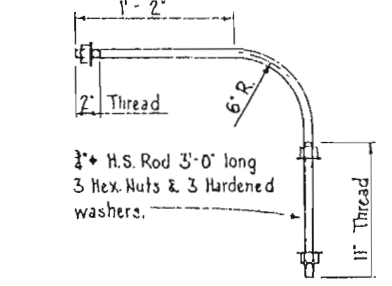
ELEVATION OF RAIL



DETAIL AT ENDS OF RAIL

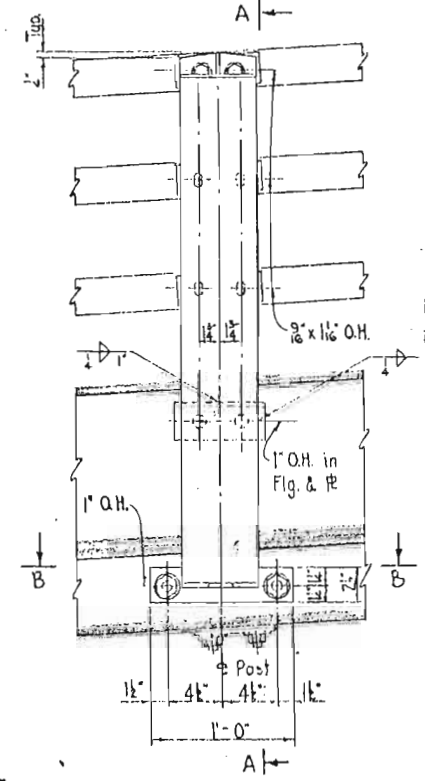


SECTION D-D
RAIL TO POST CONNECTION

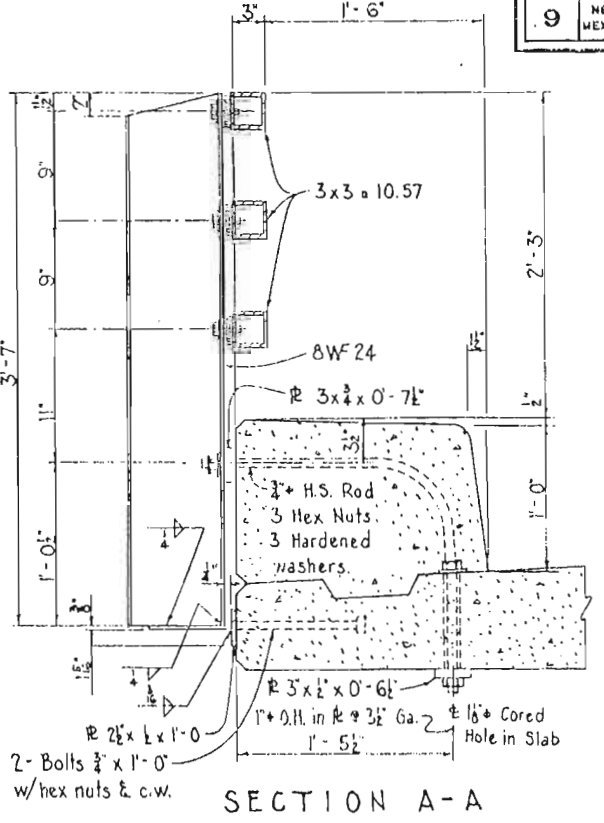


ANCHOR ROD DETAIL

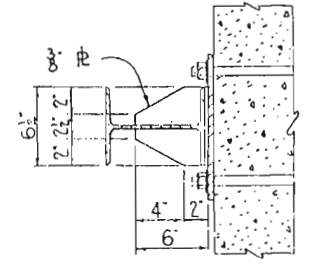
The anchor rod shown is for a deck girder bridge which has a slab that is level from the outside girder to the edge of the slab and which has a maximum thickness of 8" and has a crown slope of 0.015/ft. For conditions other than these see Superstructure Details for Anchor Rod Details.



ELEVATION



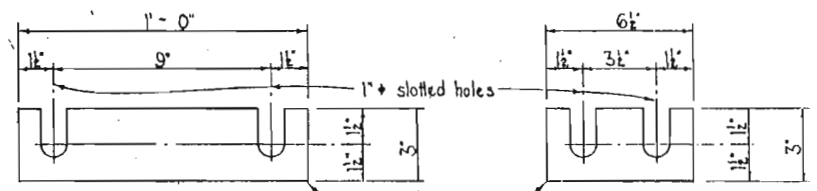
SECTION A-A



SECTION B-B

GENERAL NOTES

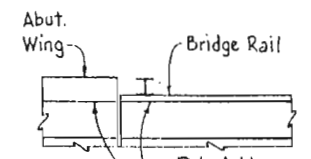
- All materials and workmanship shall conform to N.M.S.H. Commission Specifications.
- All rail posts to be set vertical.
- All rails to be parallel to grade.
- See Superstructure Details for post spacing.
- Design in accordance with A.A.S.H.O. Specifications I (64).
- Metal bridge railing in place will be paid for at the unit price bid per foot. Bid price shall include all rails, posts, splices, shims, plates, rods, bolts, nuts and washers necessary for the installation of the rail.
- Portions of rail posts which will be inaccessible after erection shall be painted as noted on the plans before erecting posts.
- High strength rods, nuts and washers shall conform to the requirements of A.A.S.H.O. Designation M-164.
- Steel rail tubes shall conform to the requirements of A.S.T.M. Designation A500 or A501.
- Post spacing shown on the plans is based on the use of tubes conforming to the requirements of A.S.T.M. designation A500 Grade B. If the contractor elects to use tubes of another grade or designation, the post spacing shown on the plans will be revised by the bridge design section.



TYPE A TYPE B

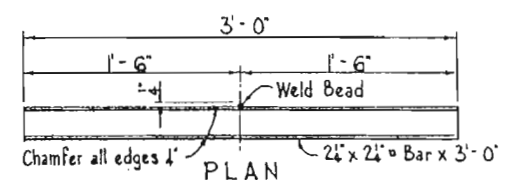
Post shims are to be used between post and concrete where necessary to align post and rail. Req'd: One ea. per post.

DETAILS OF POST SHIMS



PLAN

Align inside faces of 3x3 = 10.57 Rails with inside face of abutment wing.
RAIL ALIGNMENT AT ABUTMENT



PLAN
SPLICE MEMBER FOR 3x3 = 10.57 RAIL

ESTIMATED WEIGHT OF RAIL

One Post and Connections.....	119.6 lbs.
One Splice.....	51.5 lbs.
Rails, per Foot.....	31.7 lbs.

For information only, not for bidding purposes.

Added post spacing table and Notes 9 & 10 3-10-65

NEW MEXICO
STATE HIGHWAY DEPARTMENT
STANDARD DETAILS FOR
STEEL BRIDGE RAILING
TYPE T

SERIAL BR-2-64

APPROVED: *Charles E. Reed* 12-16-64
BRIDGE ENGINEER