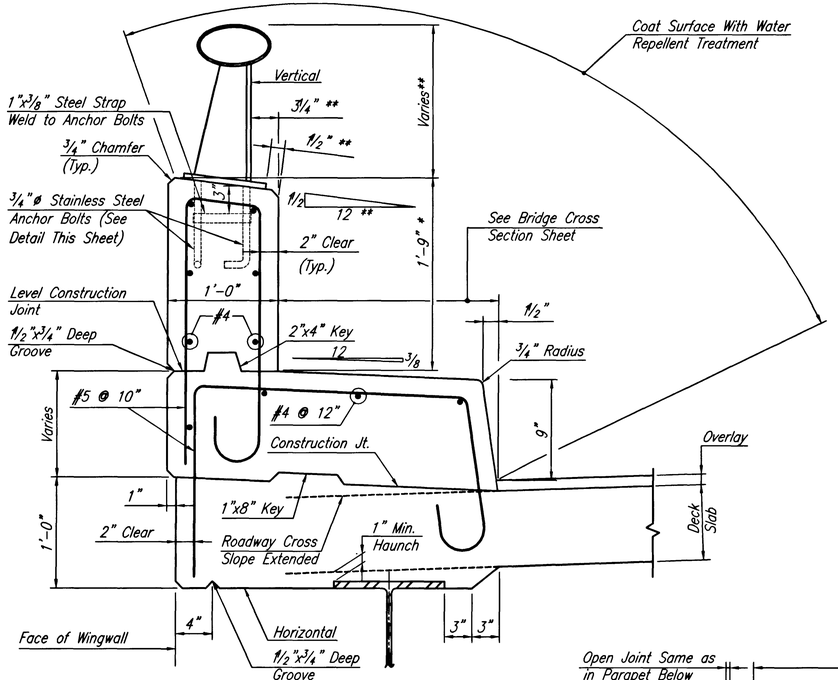
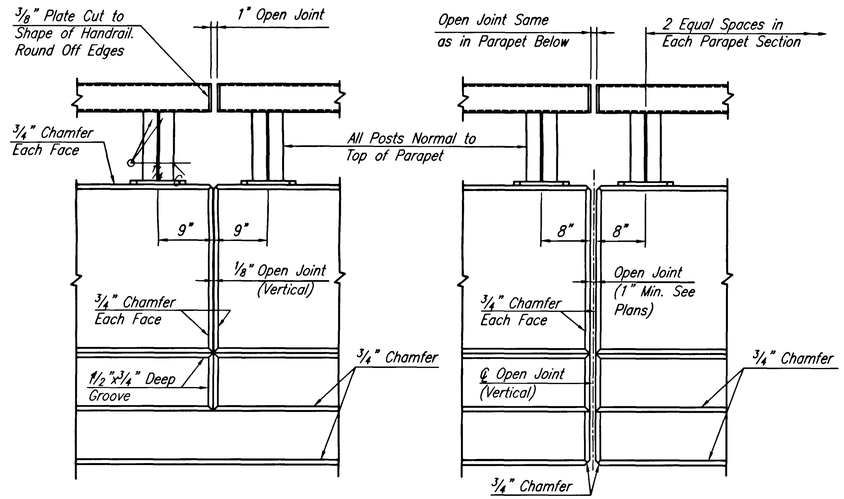


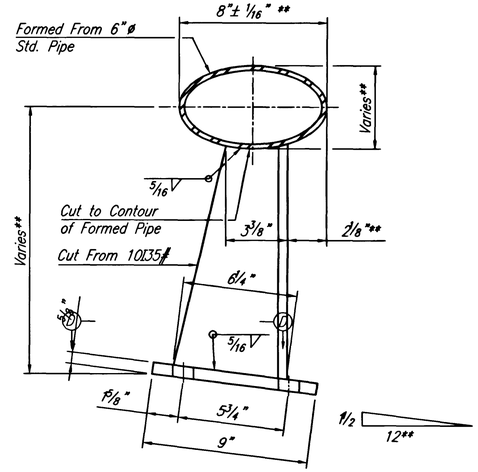
TYPICAL SECTION
1/2" = 1'-0"

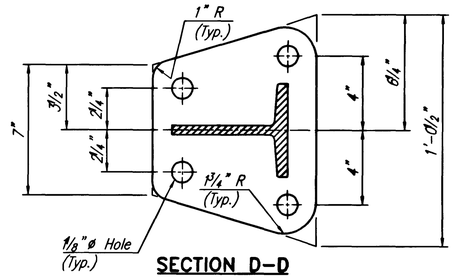


INTERMEDIATE JOINT

OPEN JOINT AT PIERS

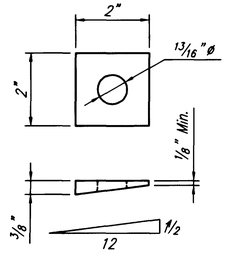
HANDRAIL, PARAPET & SAFETY WALK DETAILS
1" = 1'-0"



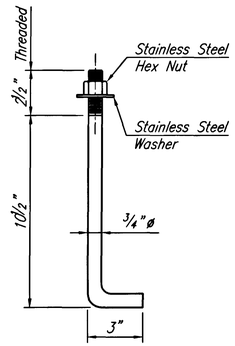


SECTION D–D
POST DETAILS

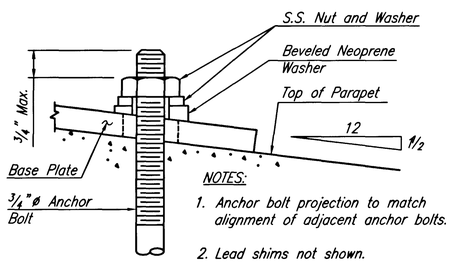
** NOTE:
Dimensions of rail and posts as shown are for reference only. Rail and post dimensions for new rail and posts shall match the dimensions of adjacent existing rail and posts at each location to provide similar height and alignment of rails.



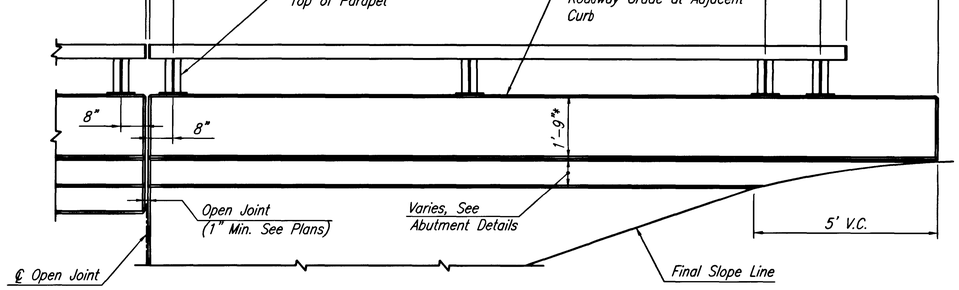
NEOPRENE BEVELED WASHER



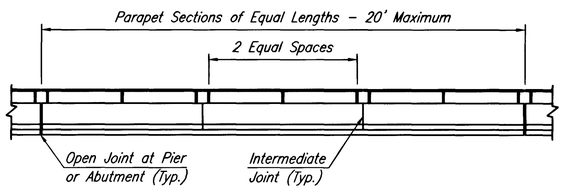
HANDRAIL POST ANCHOR BOLT DETAIL
3" = 1'-0"



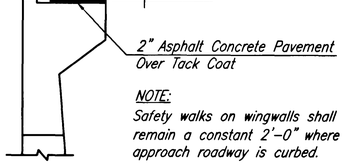
NEOPRENE WASHER INSTALLATION



ELEVATION – TYPICAL ABUTMENT WINGWALL
1/2" = 1'-0"
* Unless governed by local conditions. See bridge cross section sheet.



TYPICAL HANDRAIL ELEVATION
1/8" = 1'-0"

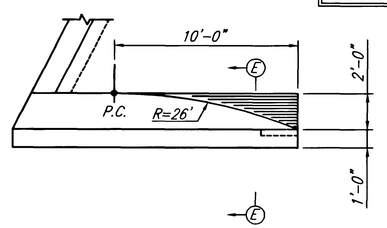


NOTE:
Safety walks on wingwalls shall remain a constant 2'-0" where approach roadway is curbed.

SECTION E–E
3/8" = 1'-0"

3

THIS DRAWING FOR REFERENCE ONLY
PARAPETS FOR NEW CONSTRUCTION SHALL CONFORM TO NJTA STANDARD DRAWING BR–7



PLAN – TYPICAL ABUTMENT WINGWALL
1/4" = 1'-0"

NOTES:

1. All reinforcement steel in walkways and parapets on bridges, wingwalls and retaining walls shall be epoxy coated.
2. All open joints in parapet shall be vertical.
3. After final tigtening of railing anchor bolt nuts, threads shall be upset to prevent loosening of nuts.
4. Lead shims shall be used as necessary to adjust posts vertically. The shims, when placed, shall project 1/8" from base plates.

0 1/2 1 2 3 4
ORIGINAL SIZE IN INCHES

App.	No.	DATE	REVISION
	3	2/05	NOTE ADDED
	2	5/88	MINOR REVISIONS
	1	9/87	MAJOR REVISIONS
		3/87	REISSUED; CONFORM TO 1987 SPECS.

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE

PARAPETS AND HANDRAIL

OFFICE OF THE CHIEF ENGINEER
WOODBRIDGE, NEW JERSEY

1987 STANDARD DRAWING BR–4

CONTRACT NO.

SHEET NO. OF