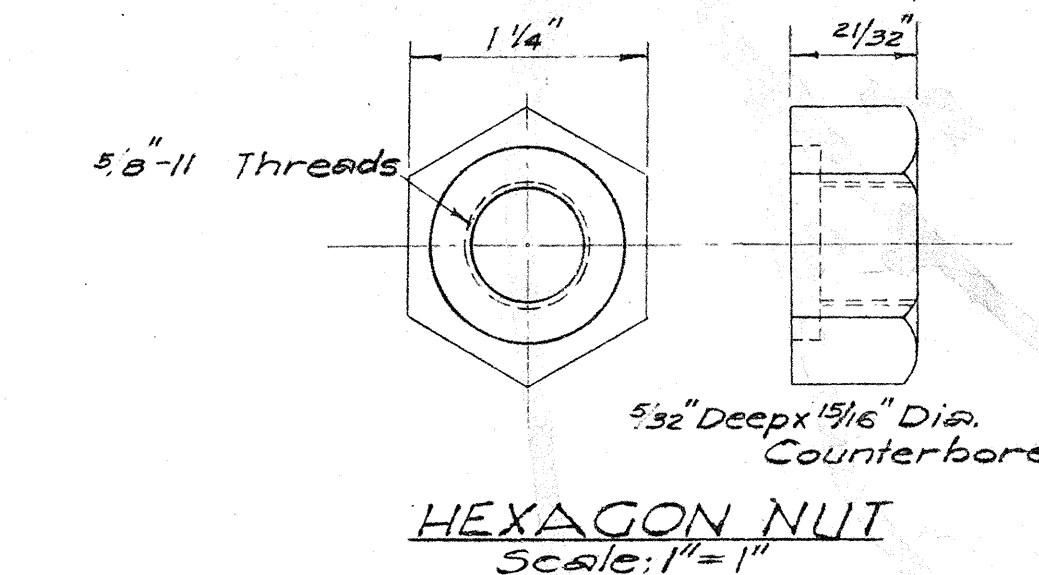
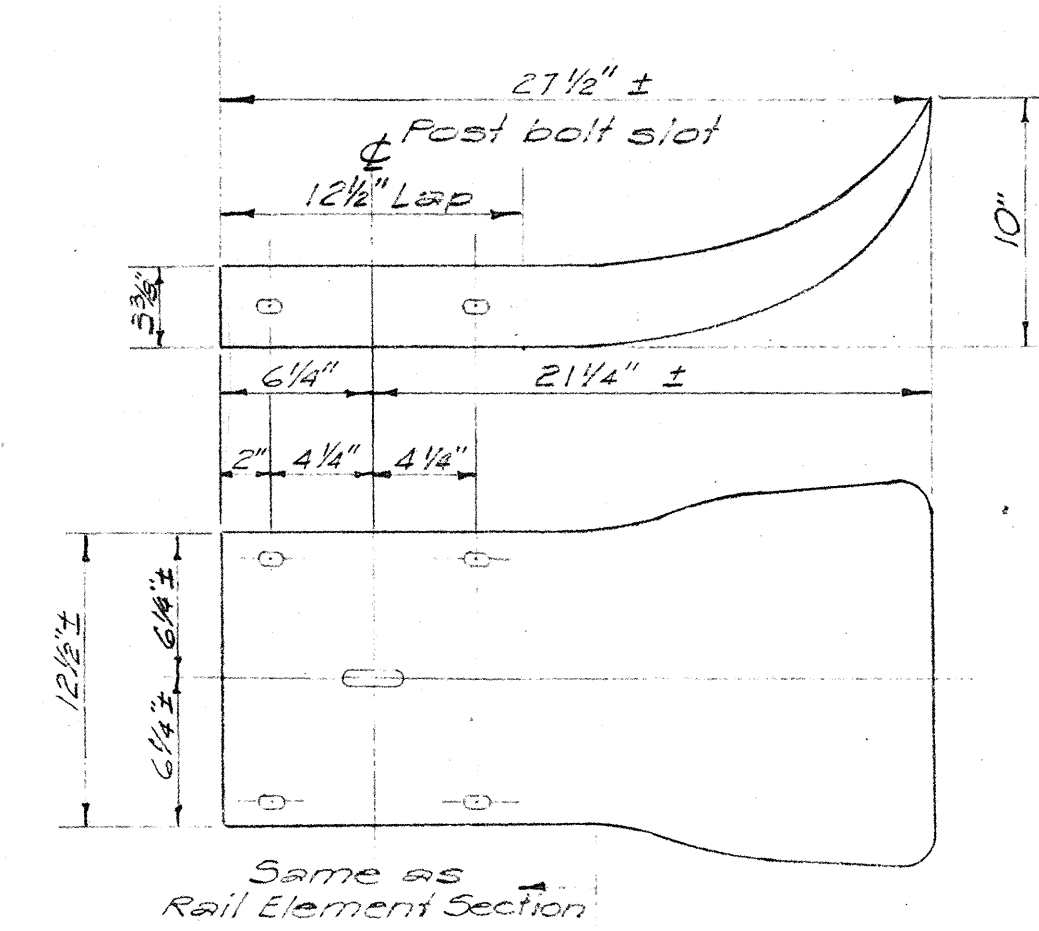
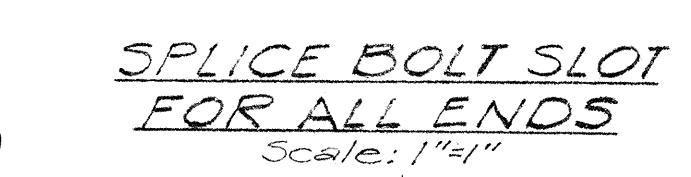
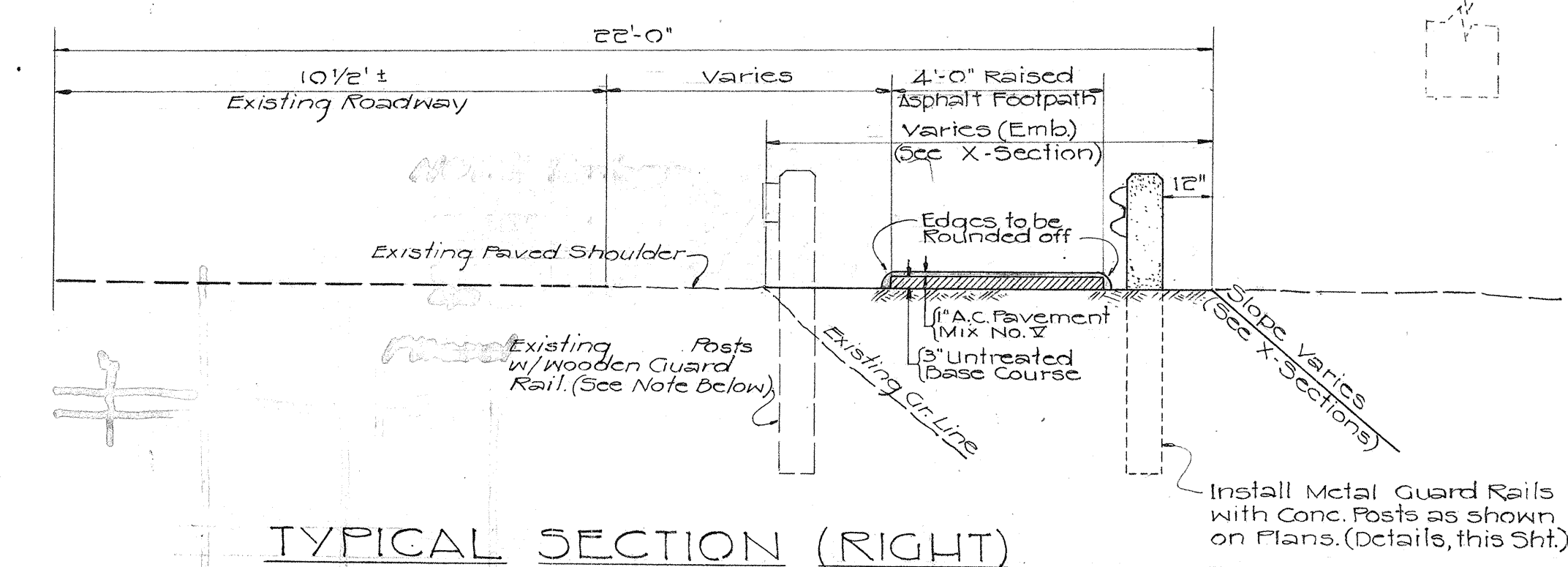
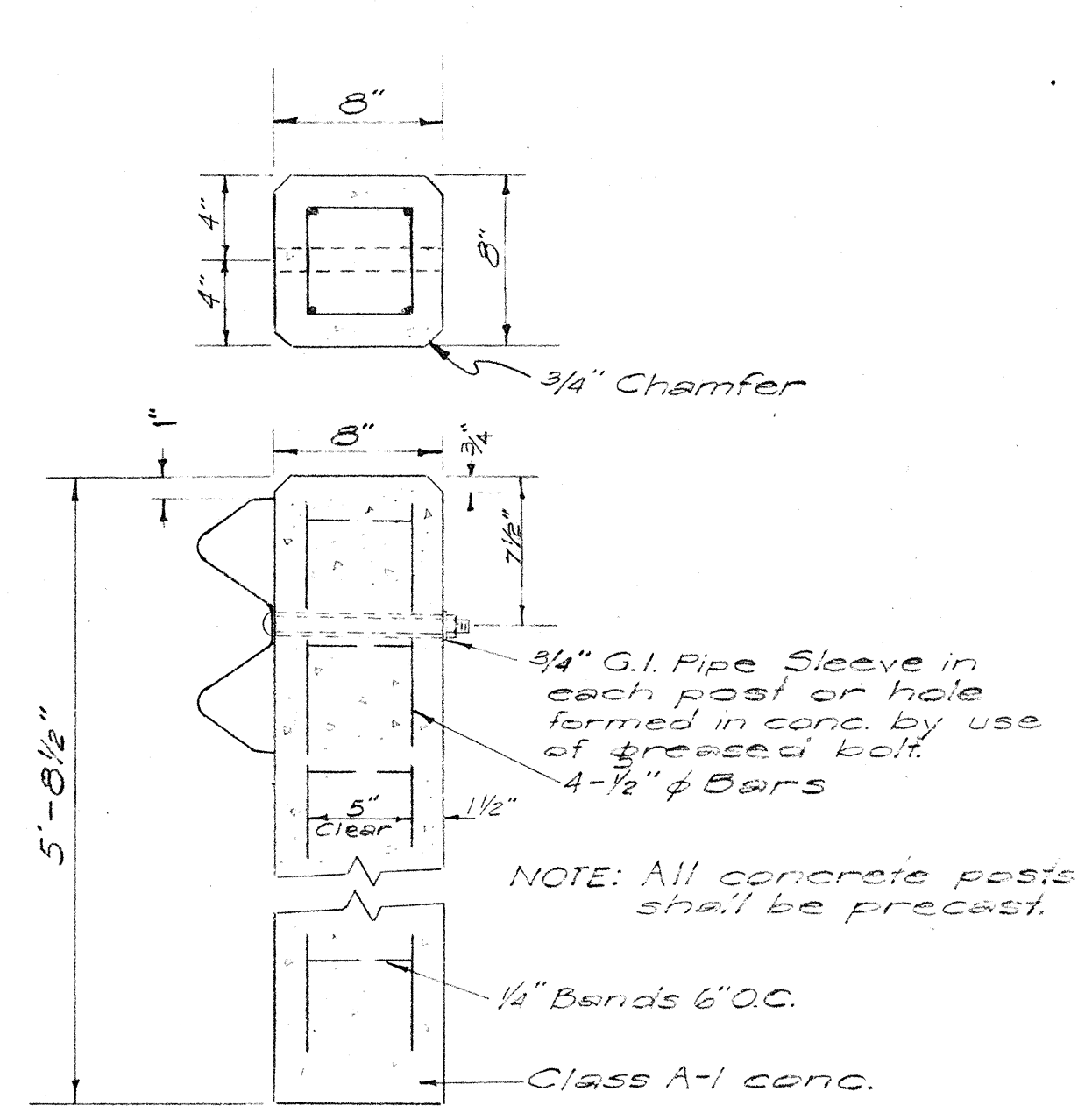
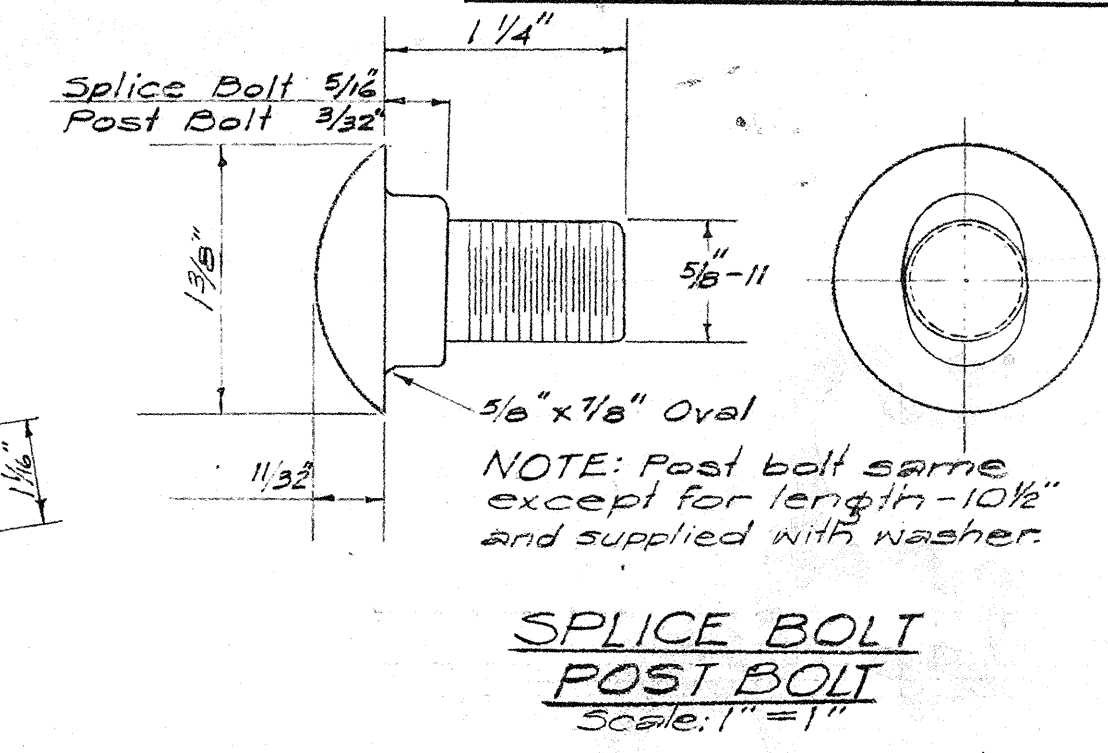
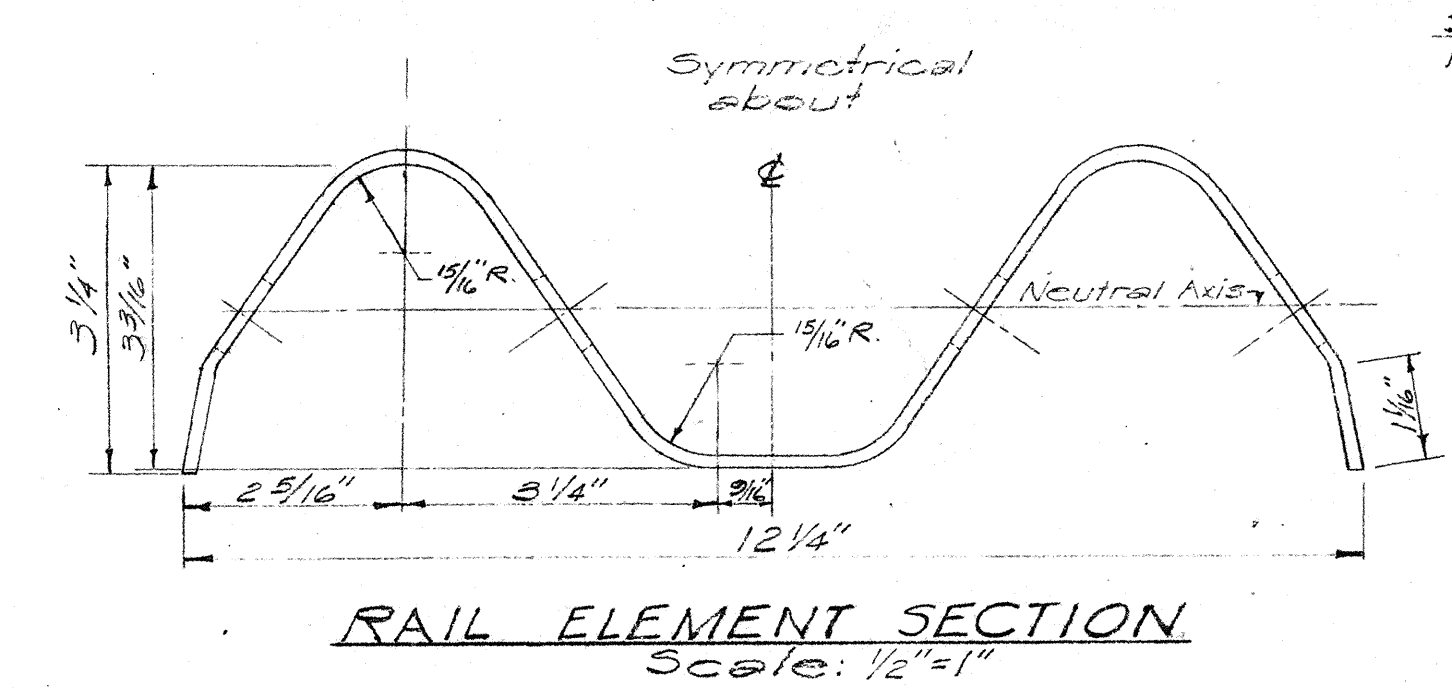
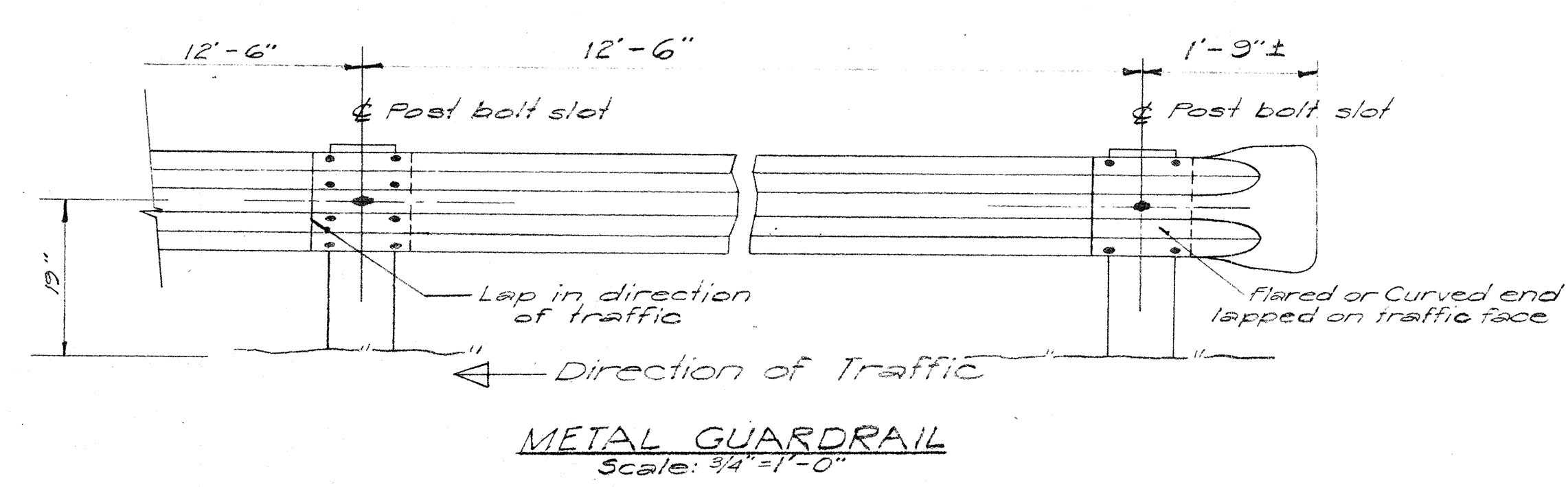
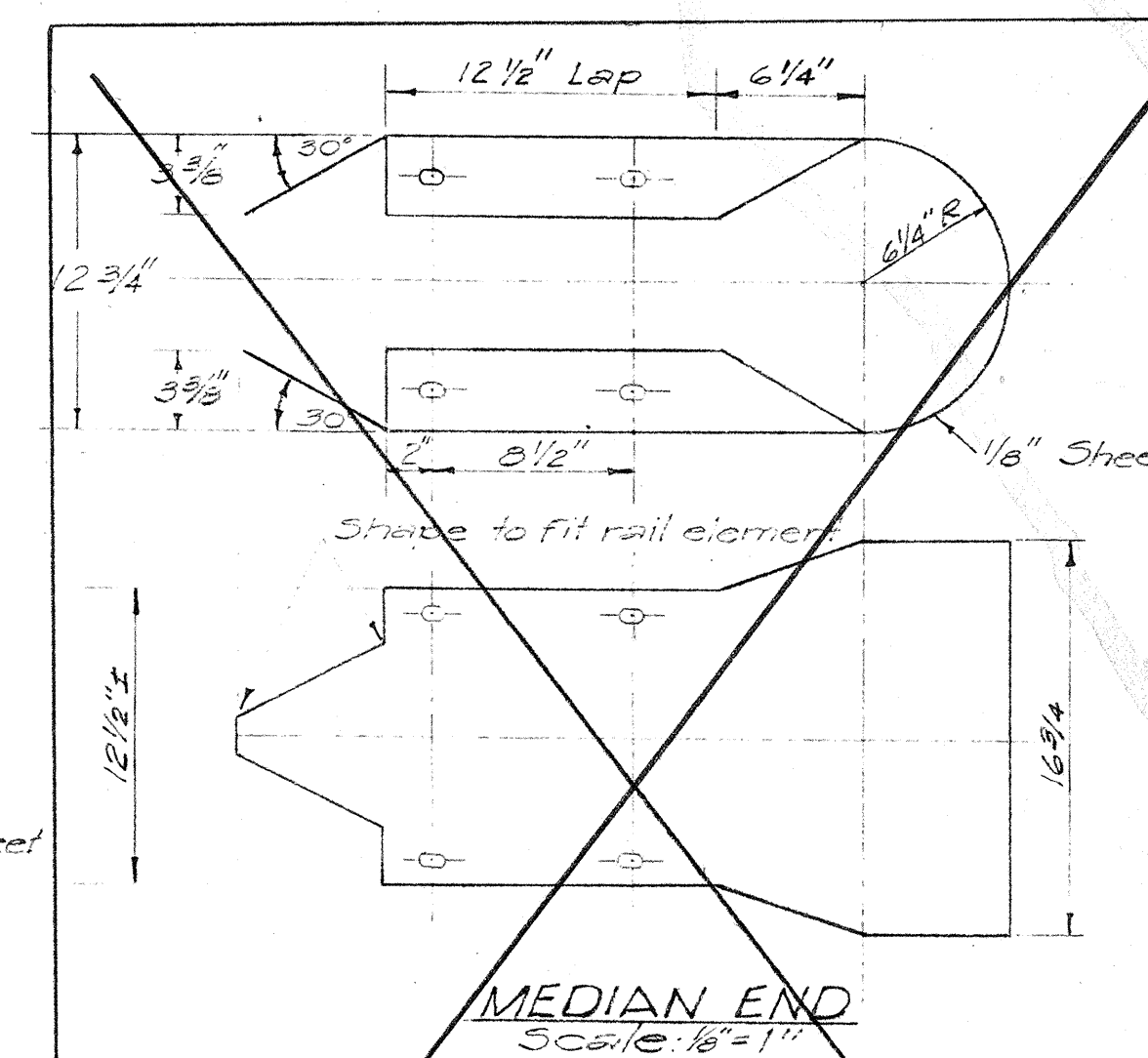
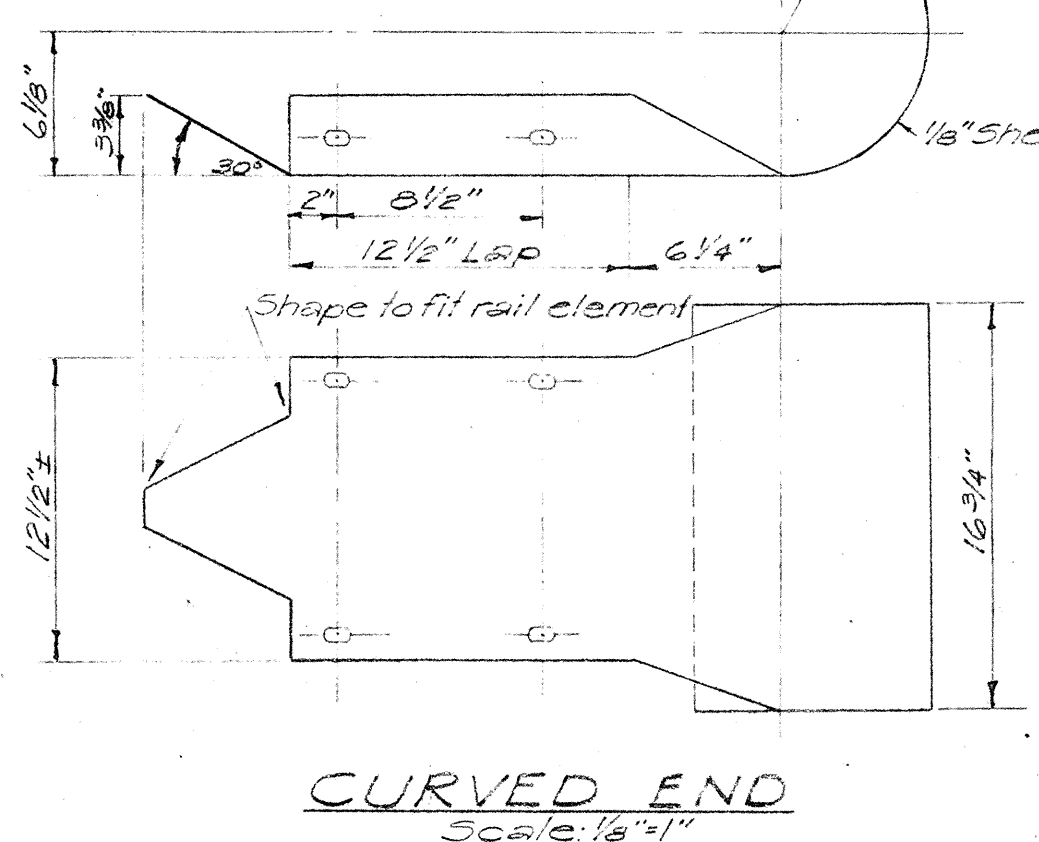
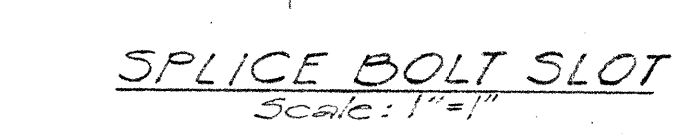
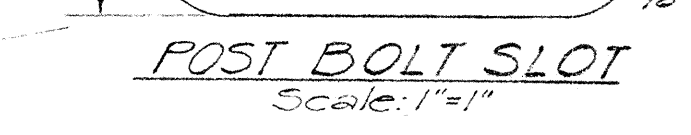
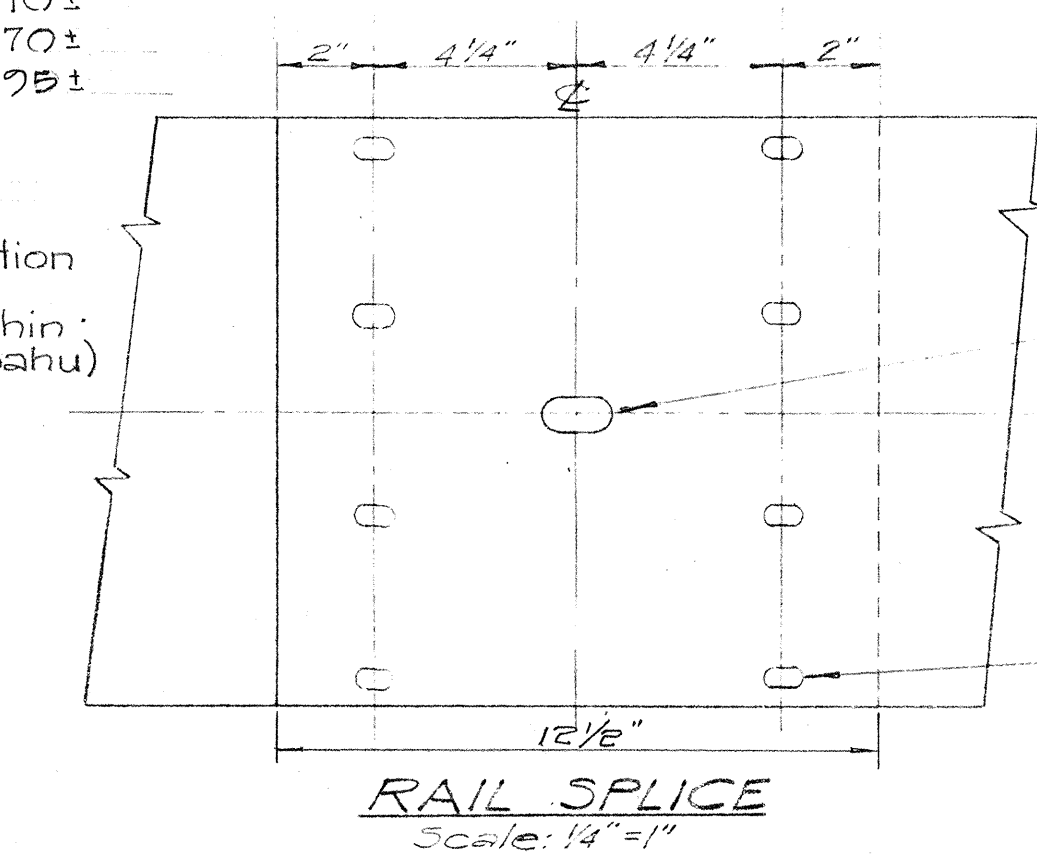


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	A-7003-00	1960	12	14

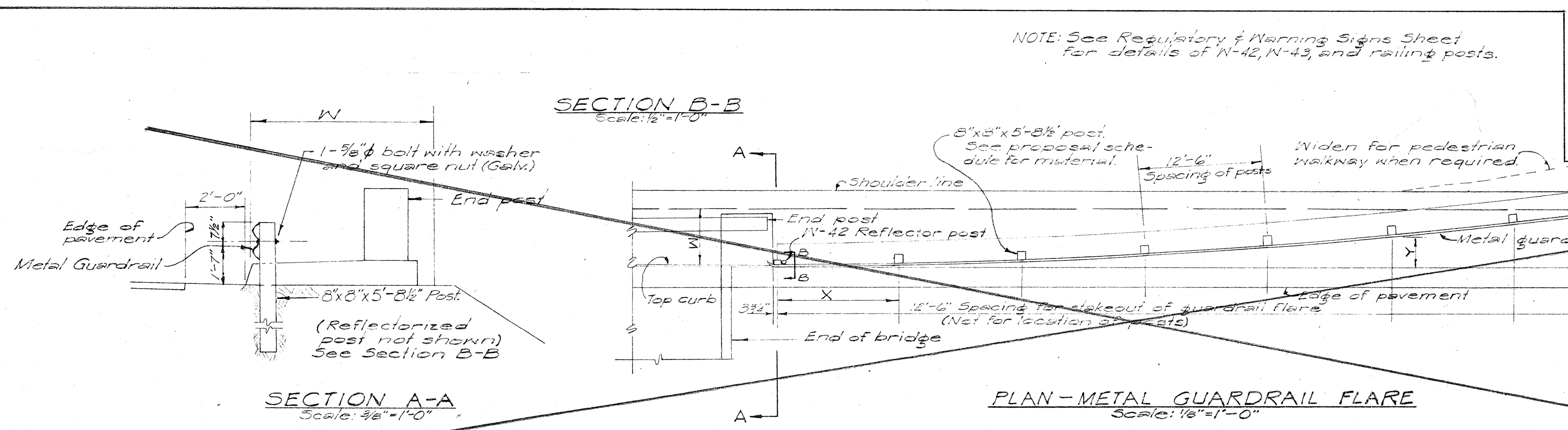


NOTE: Existing wooden guard rails including posts shall be removed and stockpiled within the Highway R/W. The exact location will be designated in the field by the Engineer; but such location will be within the terminal limit of this project. (Waipahu)



GUARDRAIL OFFSET						
X	W=3'	W=4'	W=5'	W=6'	W=7'	W=8'
12.5	0.19	0.16	0.14	0.12	0.09	0.08
25.0	0.75	0.64	0.55	0.49	0.35	0.32
37.5	1.69	1.44	1.25	1.10	0.78	0.72
50.0	3.00	2.56	2.22	1.96	1.58	1.28
62.5		4.00	3.47	3.06	2.16	2.00
75.0			5.00	4.41	3.11	2.88
87.5				6.00	4.23	3.92
100.0					5.55	5.12
112.5					7.00	6.48
125.0						8.00

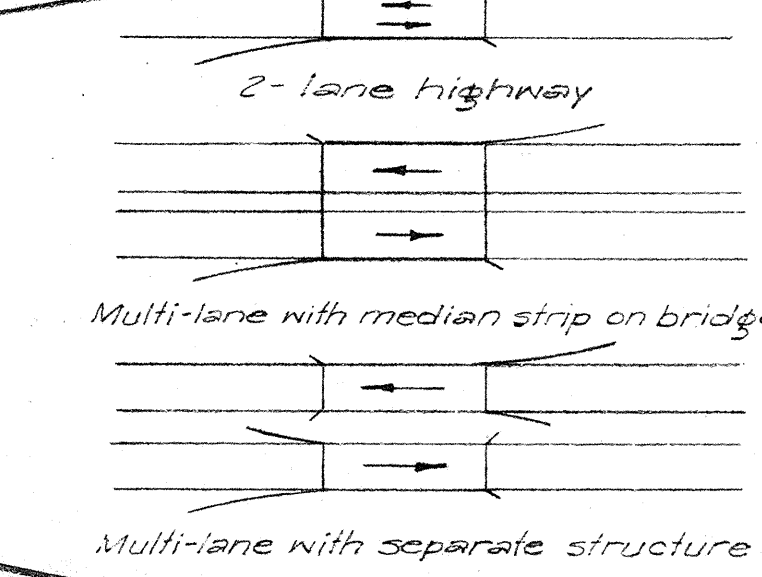
W = Guardrail Flare.
X = Distance from post at bridge to offset points.
Y = Guardrail Flare offset.



SECTION B-B Scale: 1/2"=1'-0"

NOTE: See Regulatory & Warning Signs Sheet for details of N-42, N-43, and railing posts.

PLAN-METAL GUARDRAIL FLARE Scale: 1/8"=1'-0"



HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII

TYPICAL SECTION
STA.100+00± to STA.110+75±
AND
MISCELLANEOUS DETAILS OF
GUARD RAILS

Scale: As shown April 1960

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	