

Revised: July 16, 1965

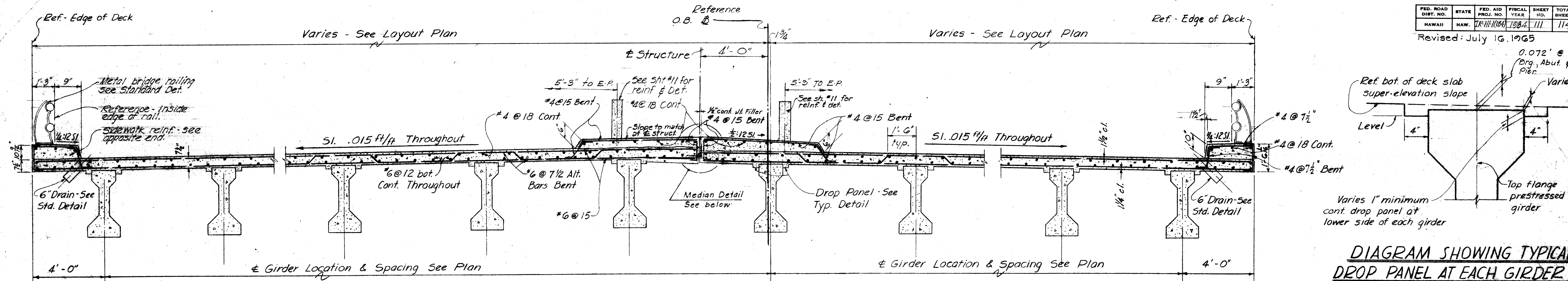
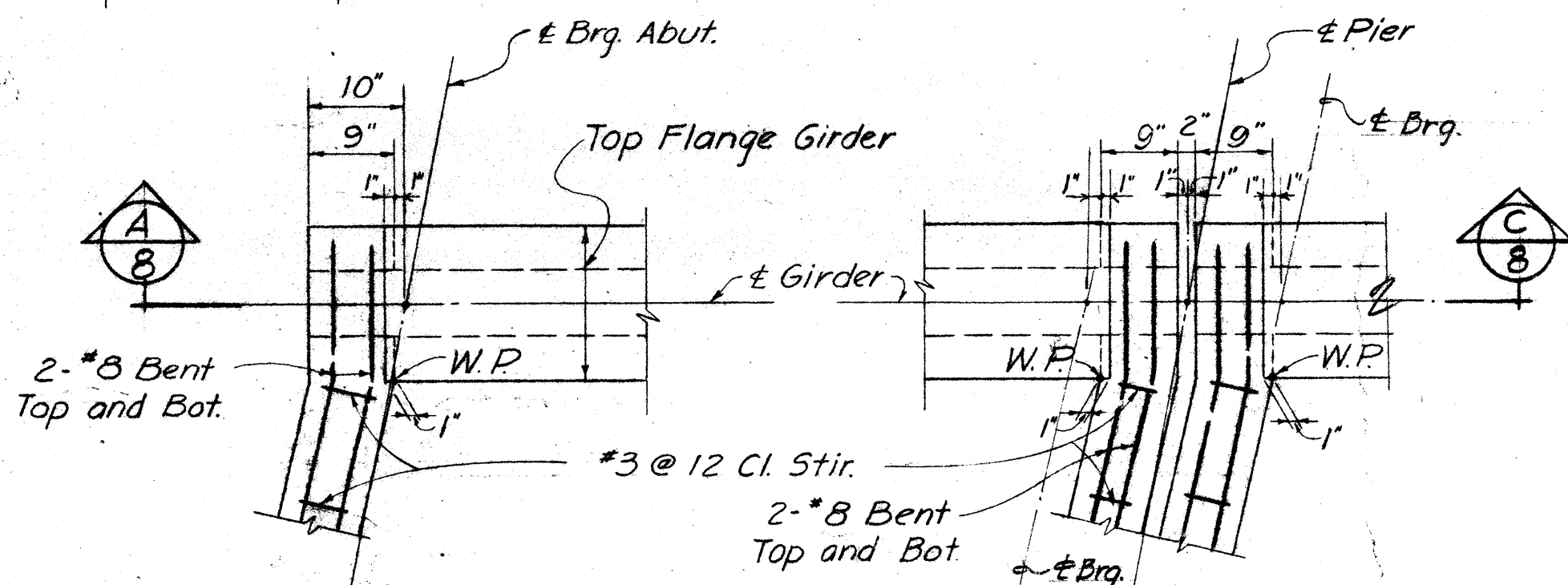
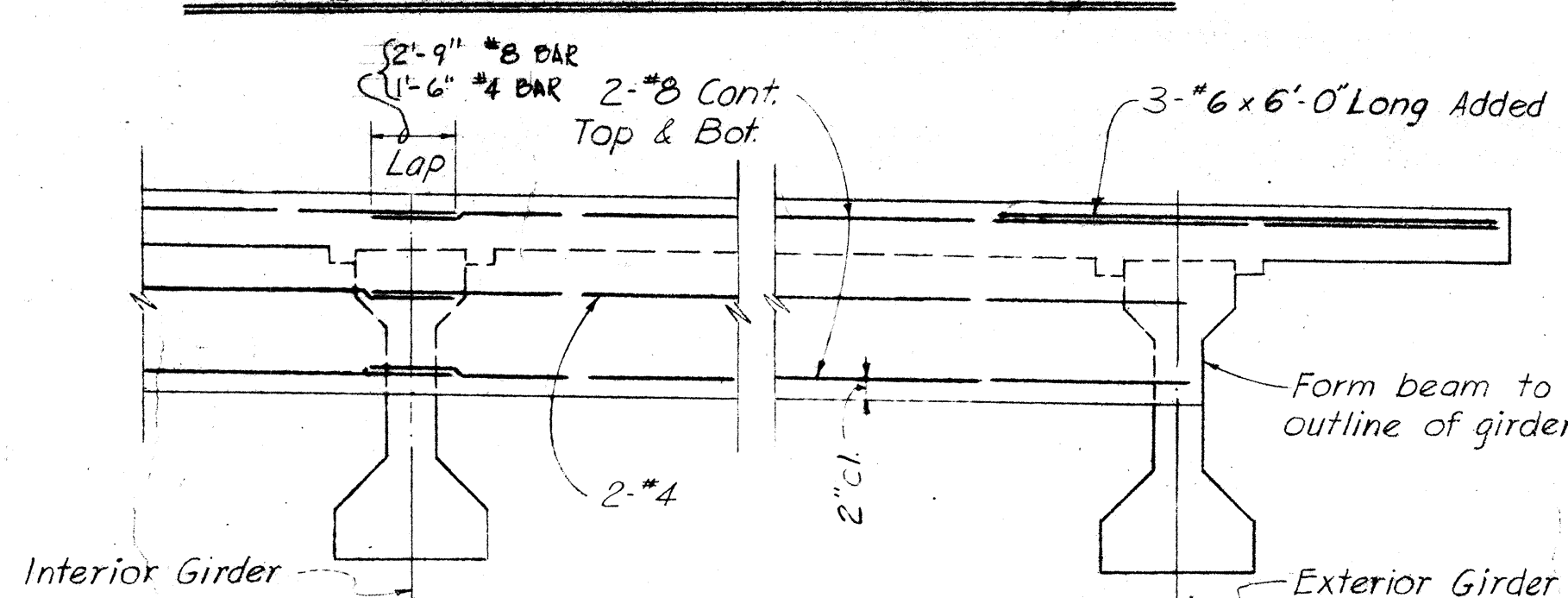


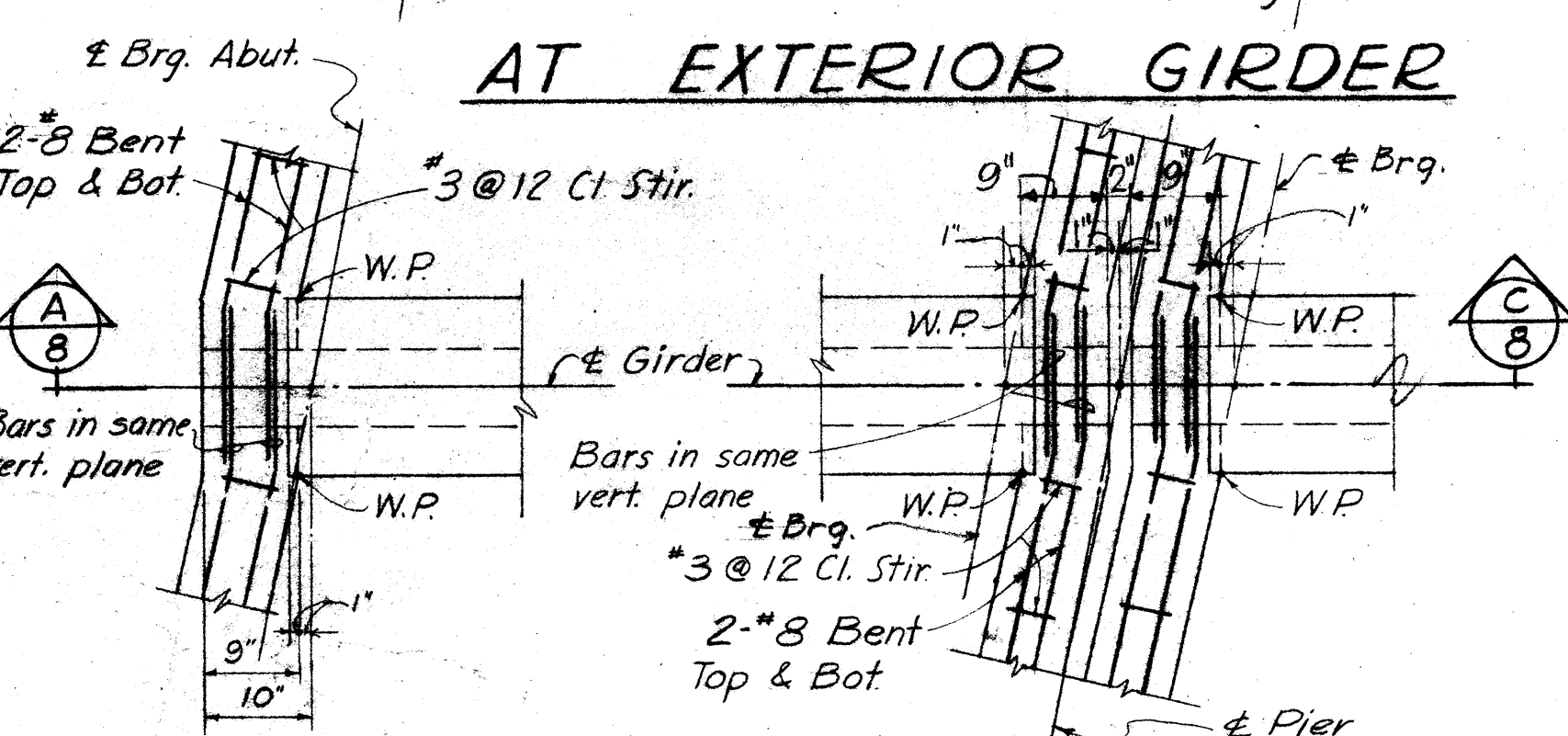
DIAGRAM SHOWING TYPICAL DROP PANEL AT EACH GIRDER
Scale 1 1/2" = 1'-0"



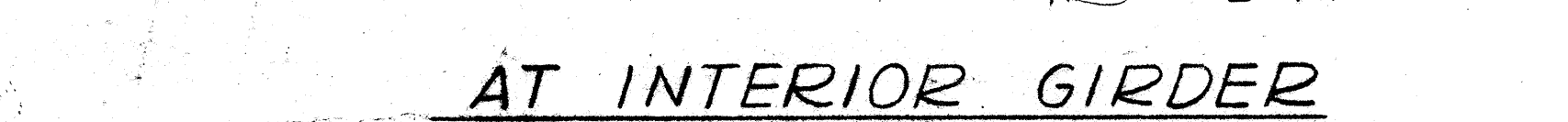
NORMAL SECTION ~ Scale 3/8" = 1'-0"



END ELEVATION ~ TYPICAL TRANSVERSE BEAM "A" & "C"
Scale 1/2" = 1'-0"



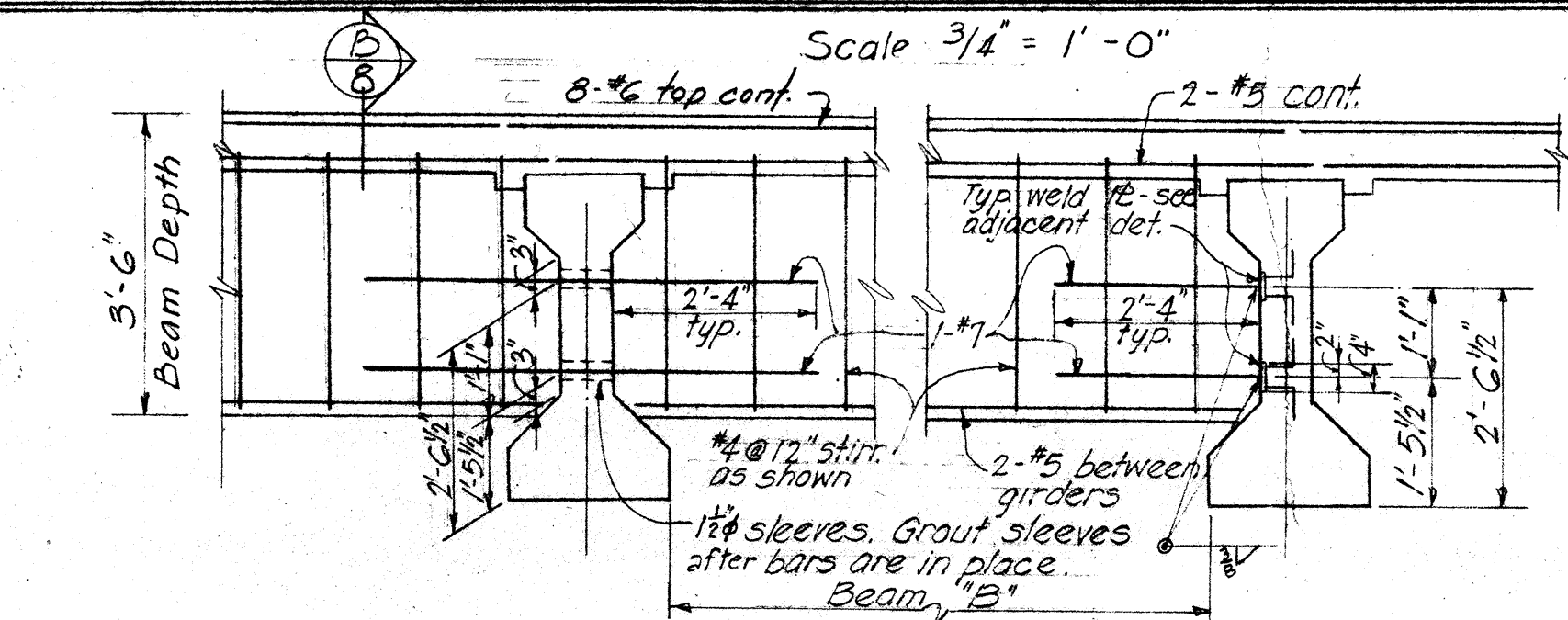
AT EXTERIOR GIRDER



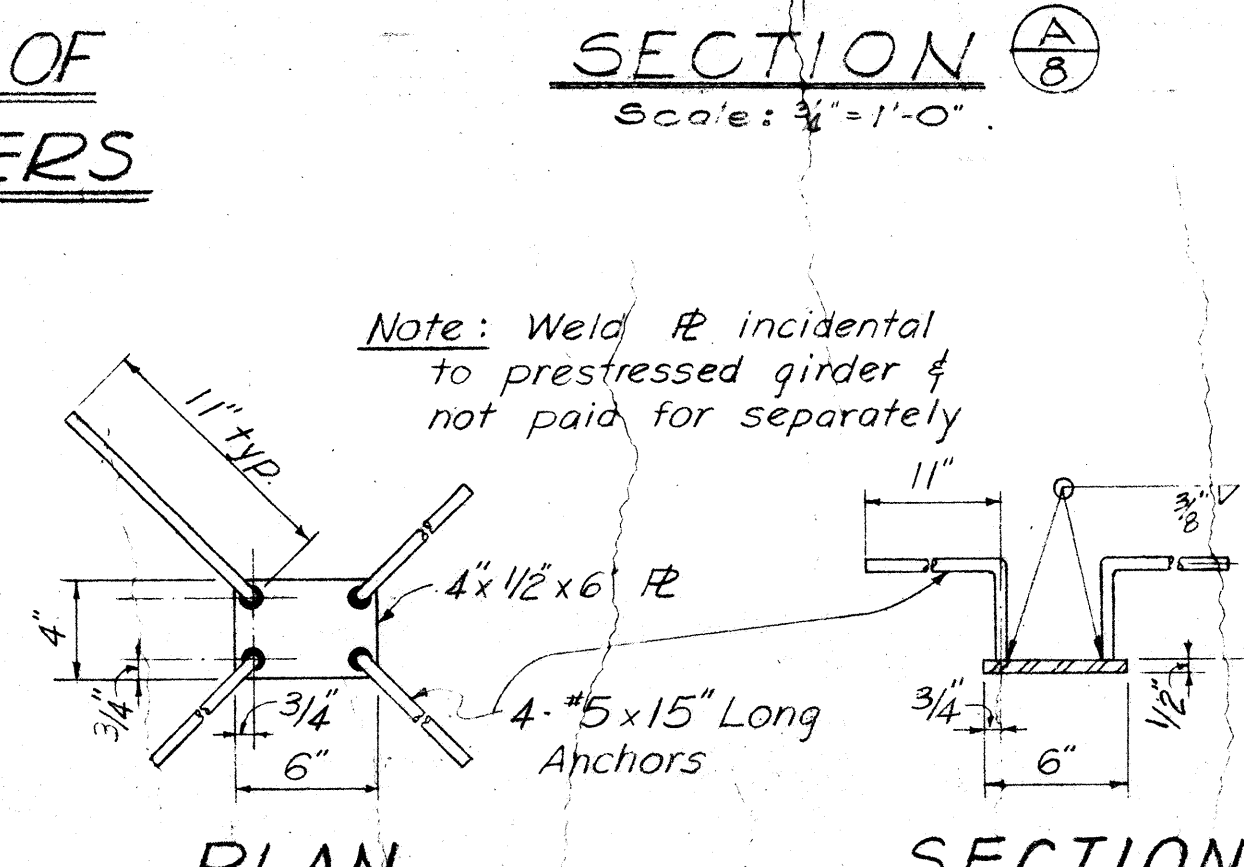
AT INTERIOR GIRDER

TRANSVERSE BM. "A" TRANSVERSE BM. "C"

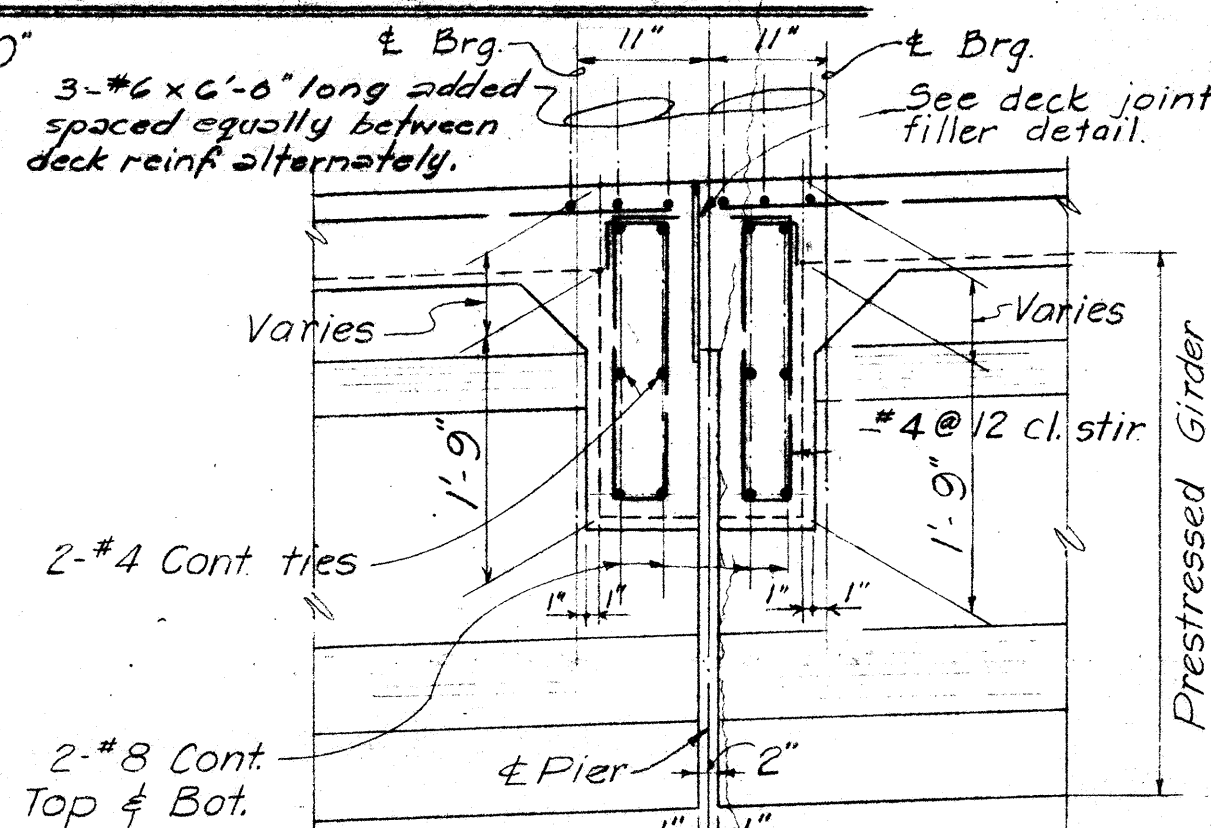
PLAN ~ TYPICAL ARRANGEMENT & LOCATION OF TRANSVERSE BEAM REINFORCEMENT AT GIRDERS



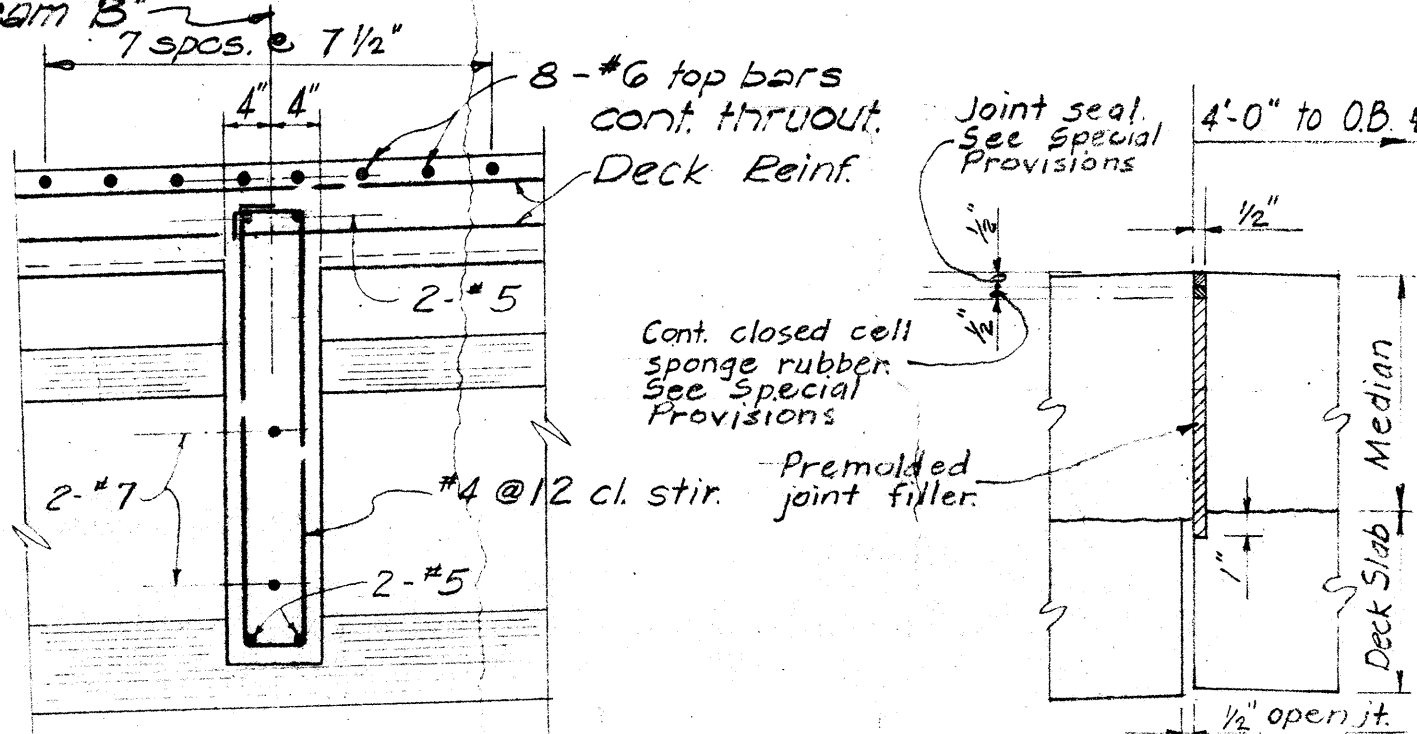
AT INTERMEDIATE AT ENDS
TYPICAL BEAM "B" DETAIL
Scale 1/2" = 1'-0"



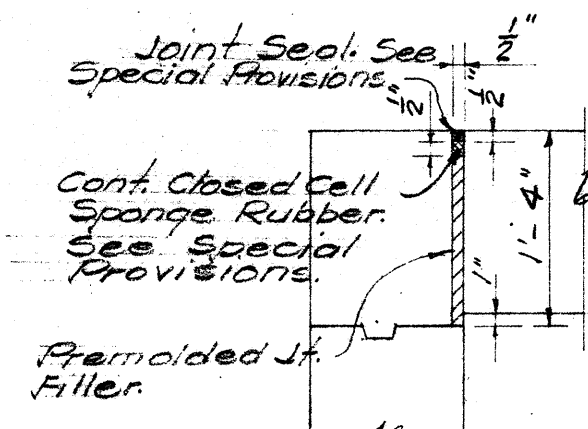
WELD PLATE DETAIL
Scale 1 1/2" = 1'-0"



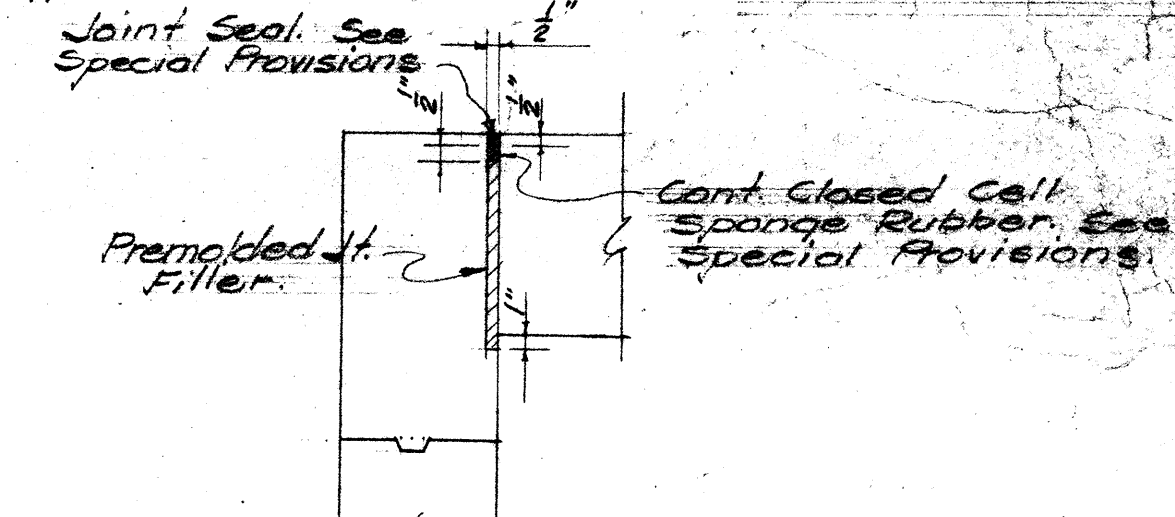
SECTION (B)
Scale: 3/4" = 1'-0"



SECTION (B)
Scale 3/4" = 1'-0"



SECTION (E)
Scale: 3/4" = 1'-0"



SECTION (F)
Scale: 3/4" = 1'-0"

TYPICAL DECK JOINT FILLER DETAIL

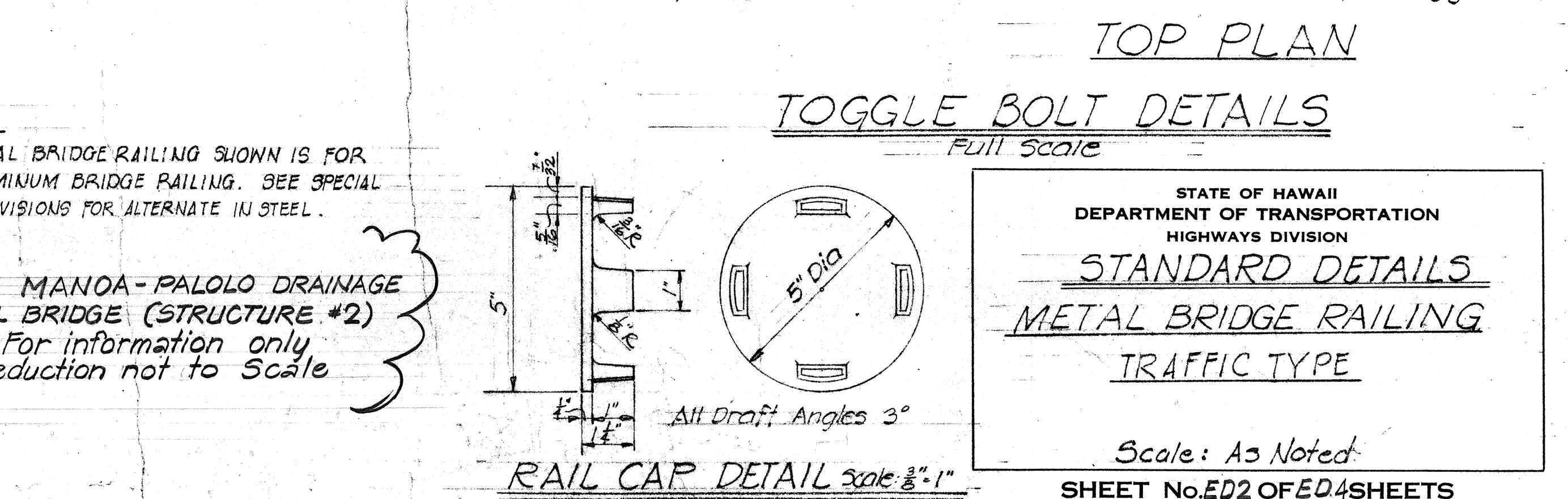
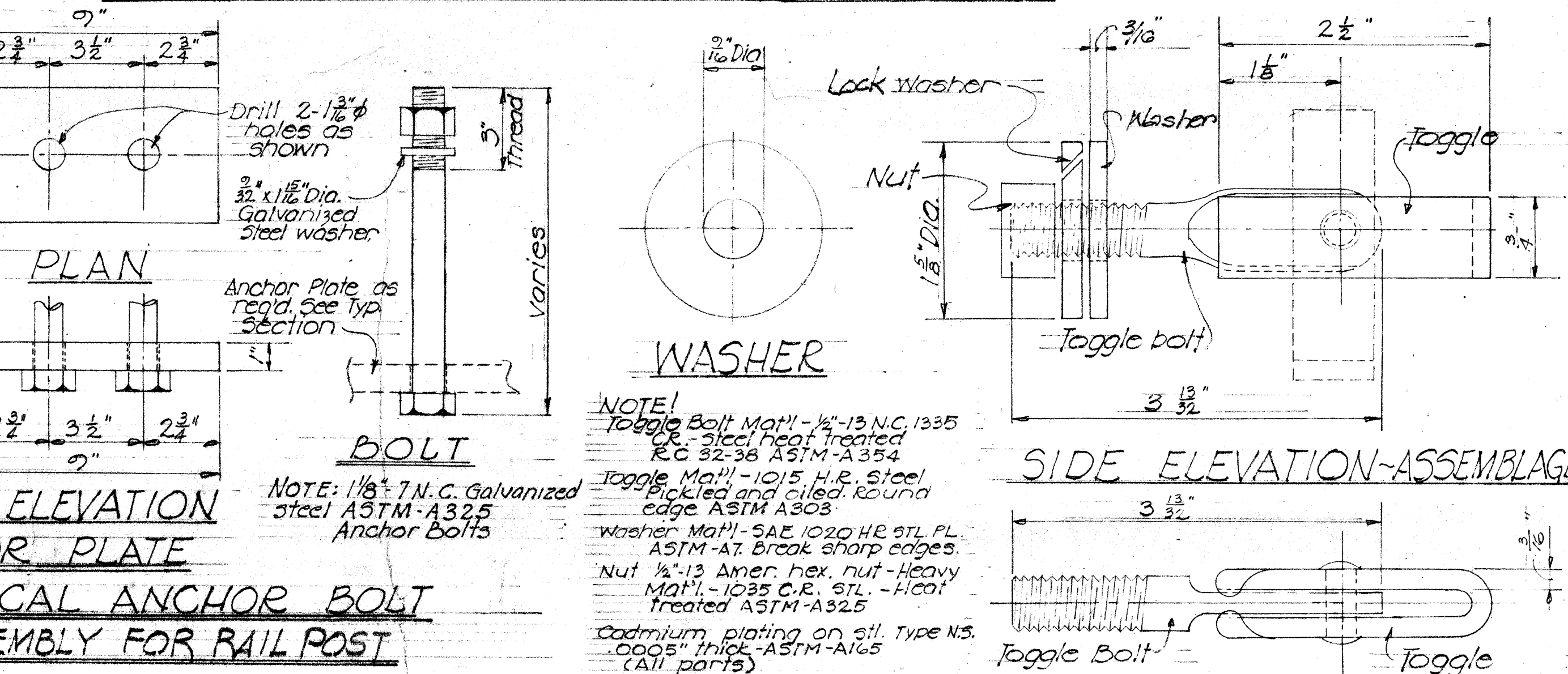
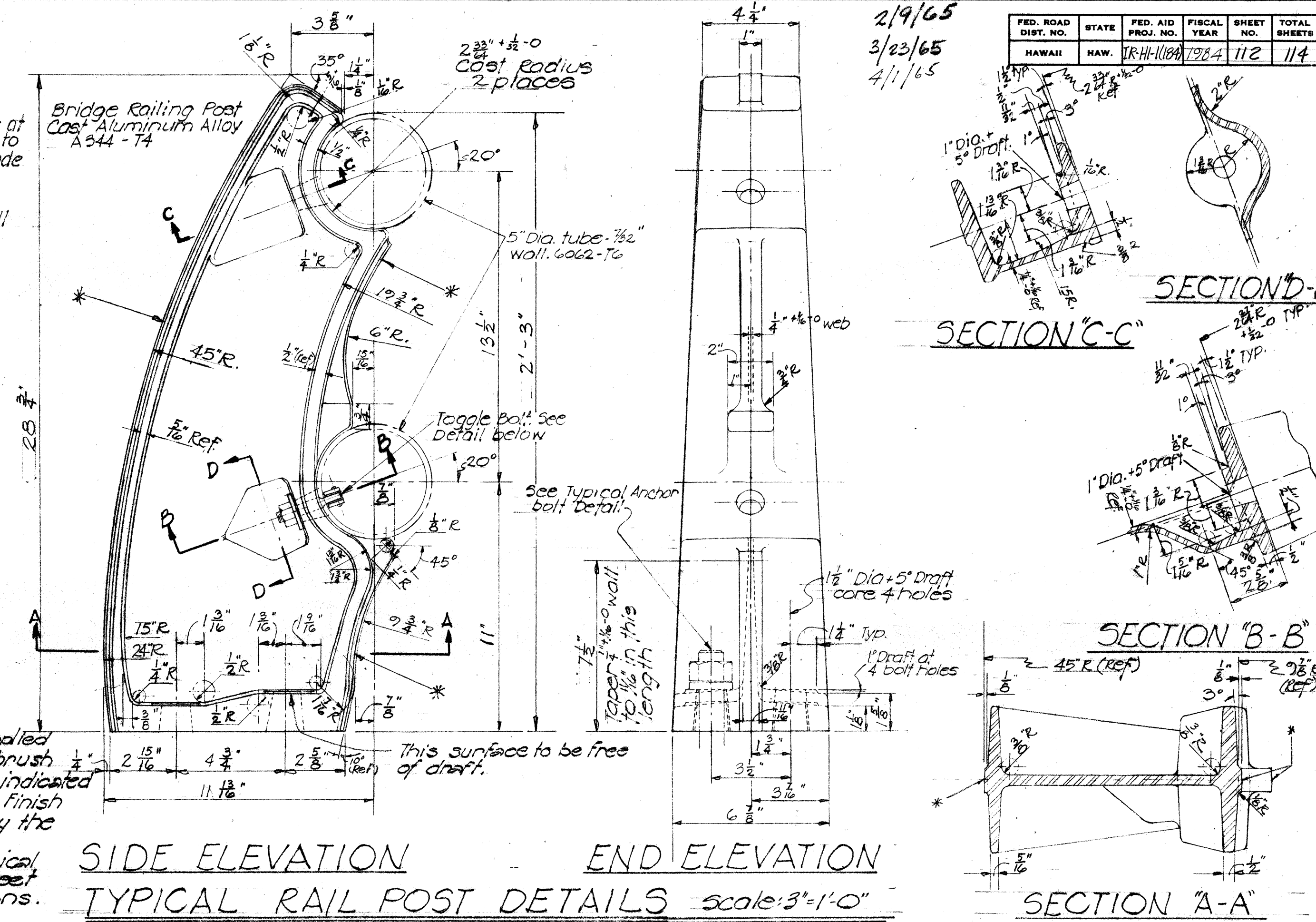
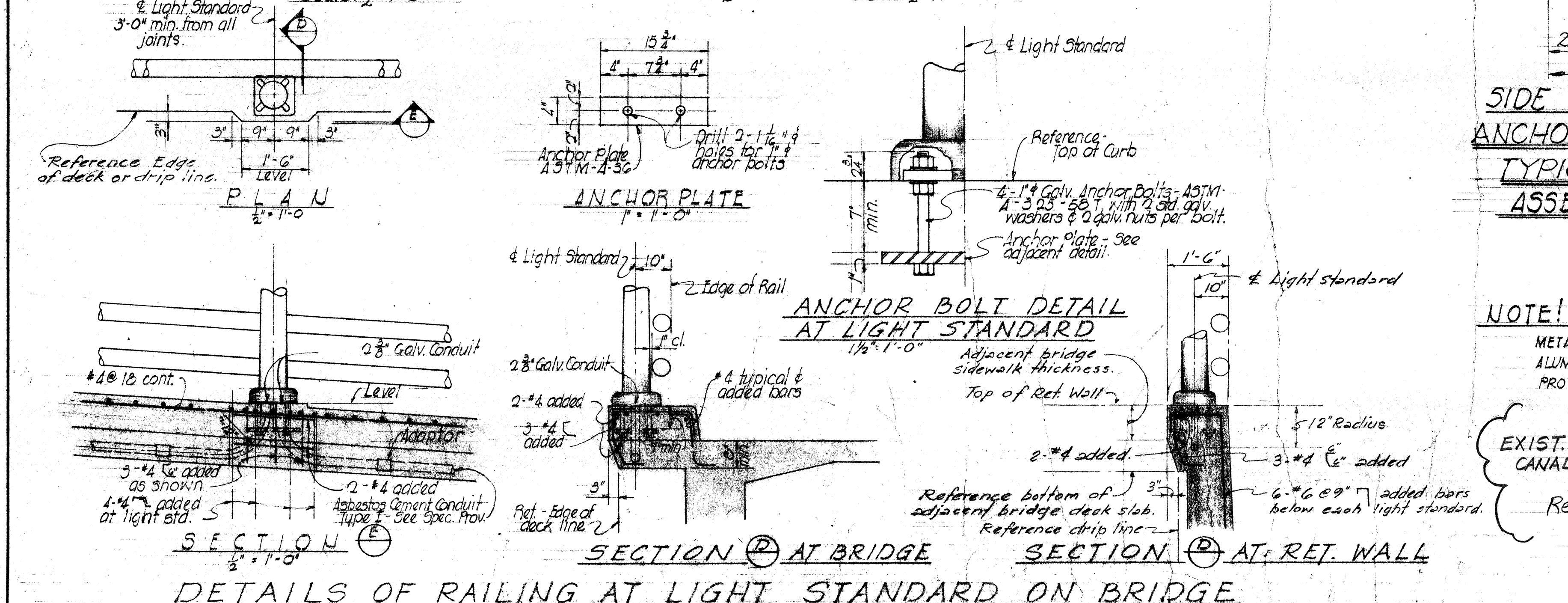
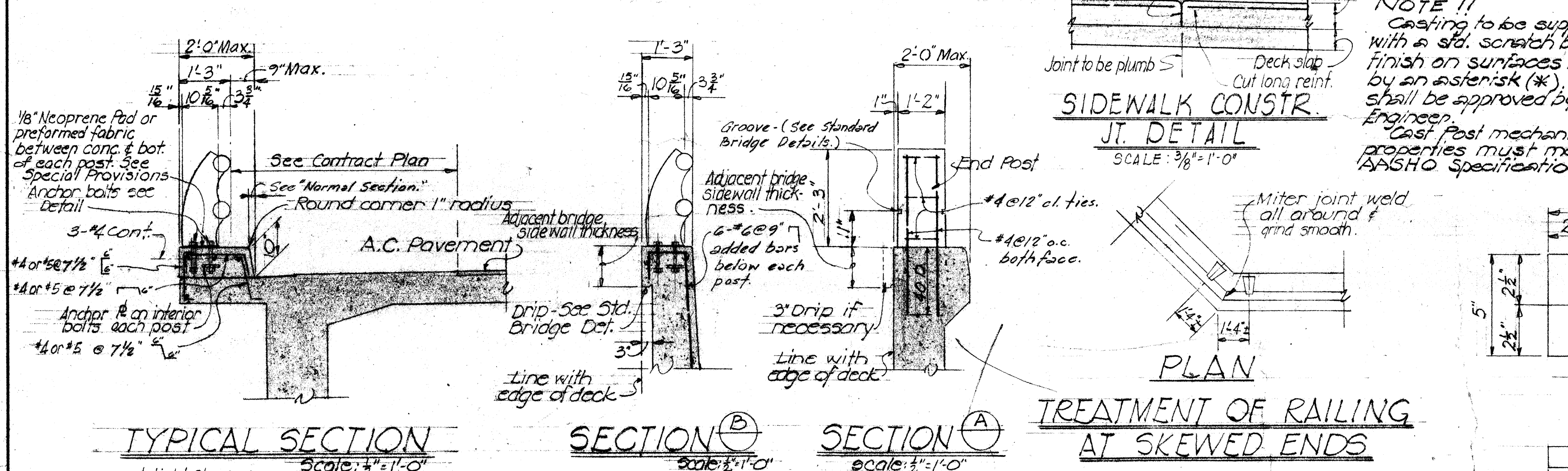
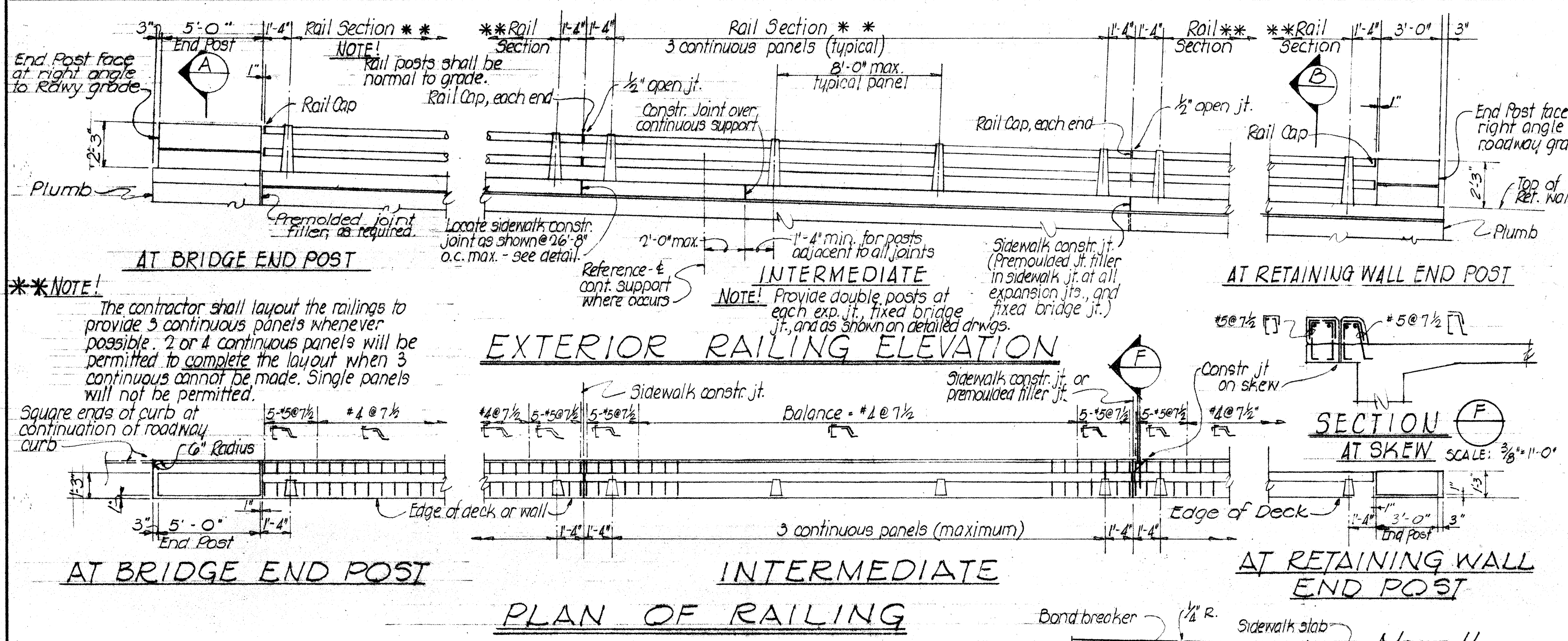
EXIST. MANOA - PALOLO DRAINAGE CANAL BRIDGE (STRUCT. #2)
For information only
Primary Longitudinal Deck Slab Reinforcing not shown !!!
(Reduction not to scale)

STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
HIGHWAYS DIVISION	
MANOA - PALOLO DRAINAGE CANAL BRIDGE	
STRUCTURE NO. 2	
NORMAL DECK SECTION & BEAM DETAILS	
INTERSTATE HIGHWAY (LUALABE FREEWAY)	
FBI PROJ. NO. I-H-11(2):24, UNIT 2	
SCALE: AS SHOWN	DATE: JUNE 1965
SHEET No. EDI OF ED4 SHEETS	

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

FED. ROAD DIST. NO.	STATE	FED. AID YEAR	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1964	1964	112	114

2/19/65
3/23/65
4/1/65



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

METAL BRIDGE RAILING

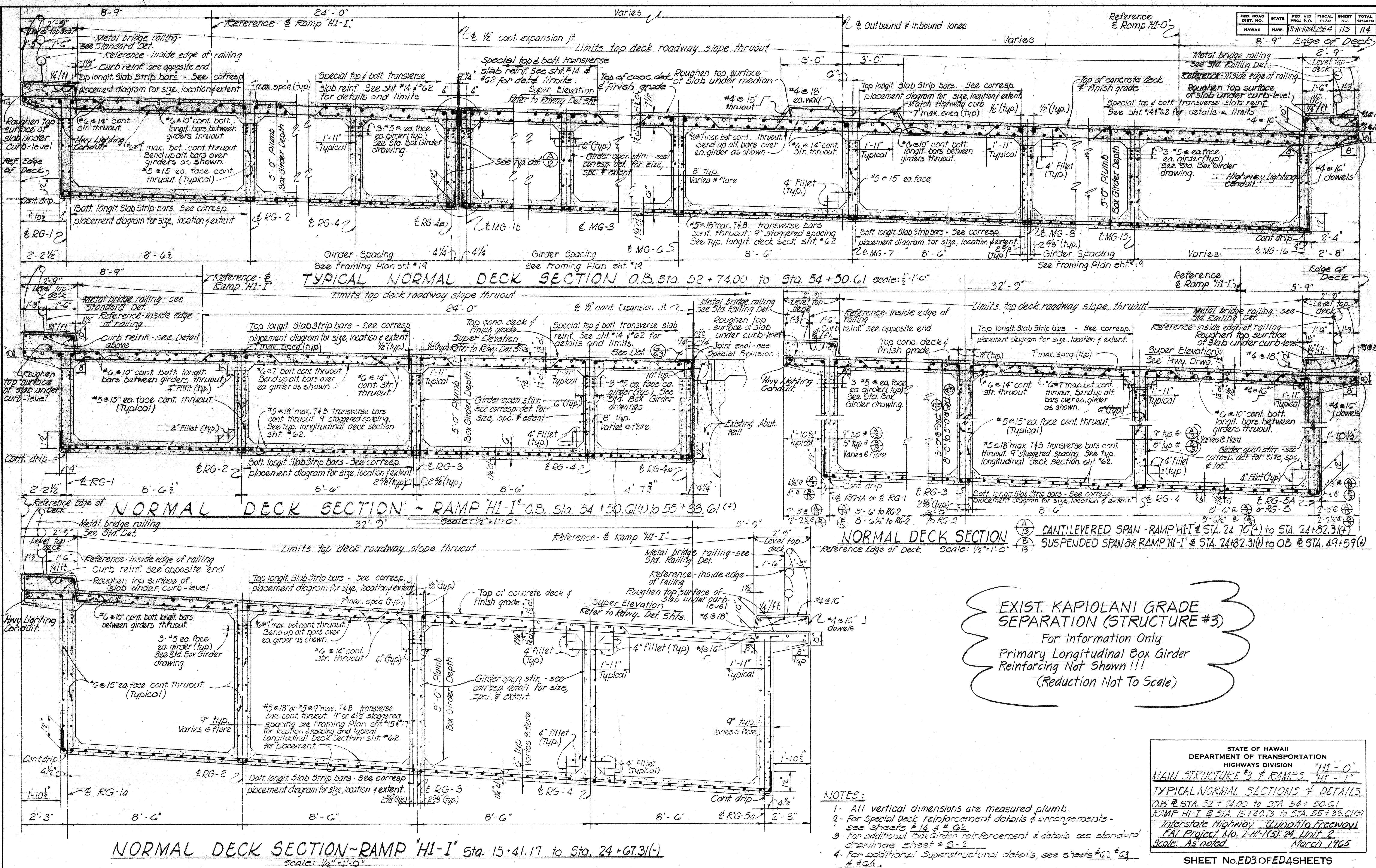
TRAFFIC TYPE

Scale: As Noted

SHEET No. ED2 OF ED4 SHEETS

DATE: _____
DESIGNED BY: H.N.
CHECKED BY: L.A. 4370

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1R-H-1084	1965	113	114



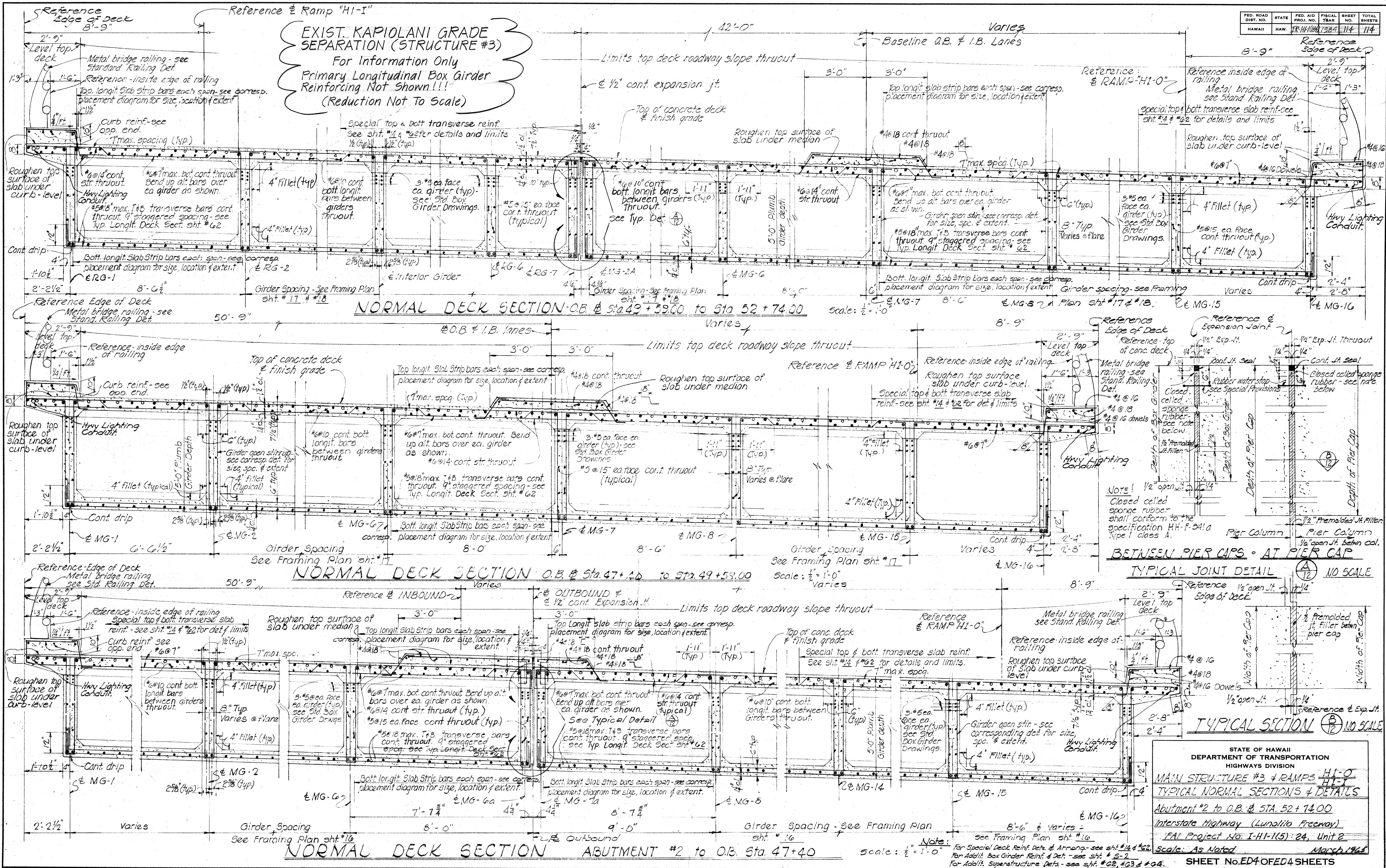
EXIST. KAPIOLANI GRADE SEPARATION (STRUCTURE #3)
 For Information Only
 Primary Longitudinal Box Girder Reinforcing Not Shown !!!
 (Reduction Not To Scale)

- NOTES:
- 1- All vertical dimensions are measured plumb.
 - 2- For special deck reinforcement details & arrangements - see sheets #14 & #62.
 - 3- For additional Box Girder reinforcement & details see standard drawings sheet #S-2.
 - 4- For additional Superstructural details, see sheets #62, #63 & #64.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
MAIN STRUCTURE #3 & RAMPS "HI-I"
TYPICAL NORMAL SECTIONS & DETAILS
 O.B. STA. 52+74.00 to STA. 54+50.61
 RAMP HI-I STA. 15+41.17 to STA. 55+33.61(4)
 Interstate Highway (Lunalilo Freeway)
 FAL Project No. I-H-1(5): 24 Unit 2
 Scale: As noted March 1965

SHEET No. ED3 OF ED4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11-111(100)	1964	114	114



DATE: _____
DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____
NOTE BOOK: _____
NO. _____