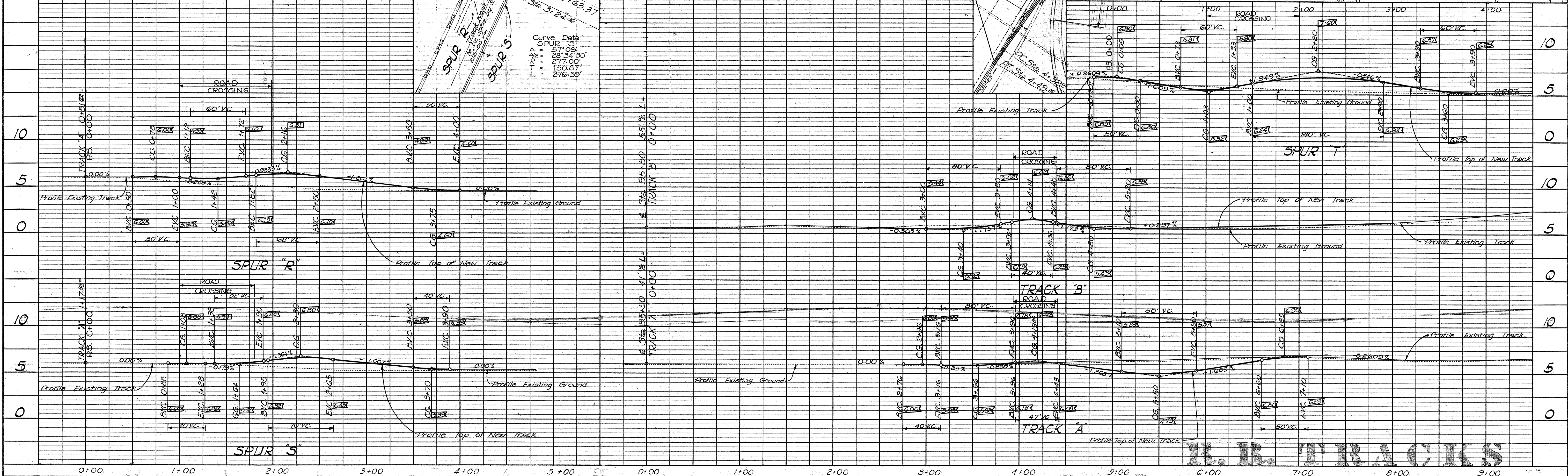
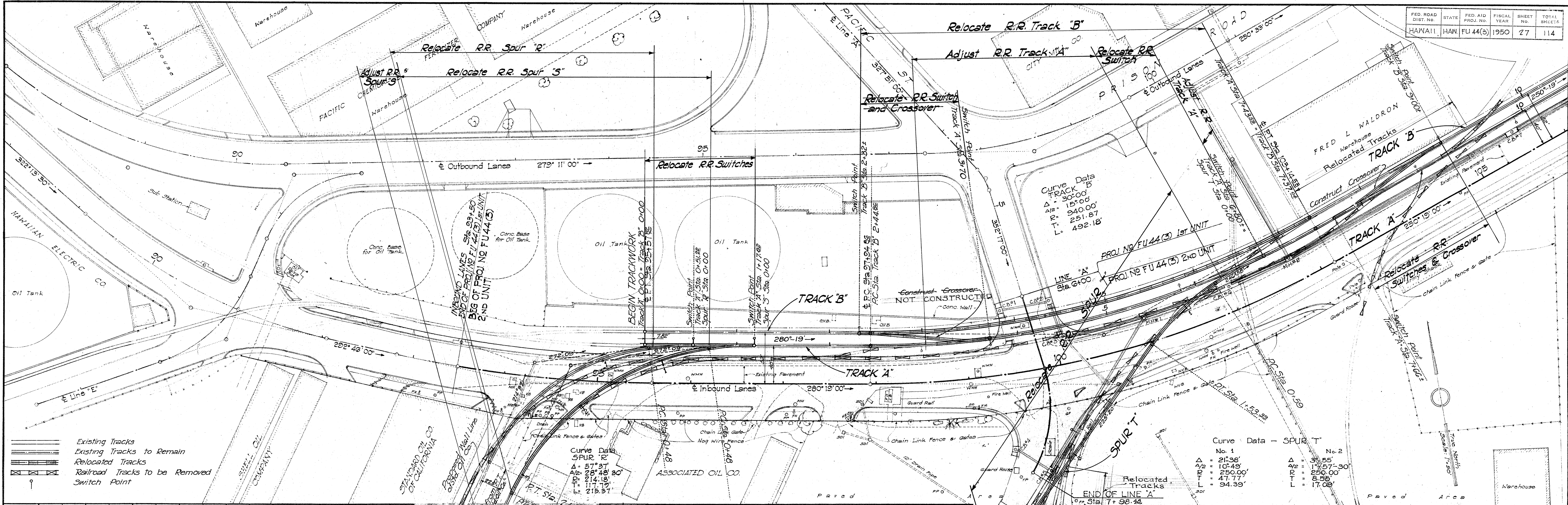


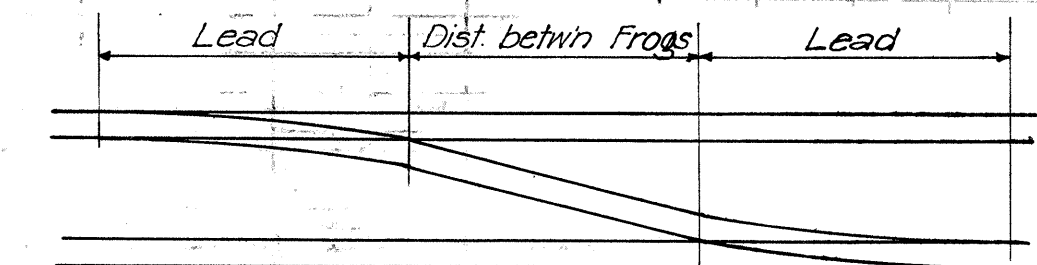
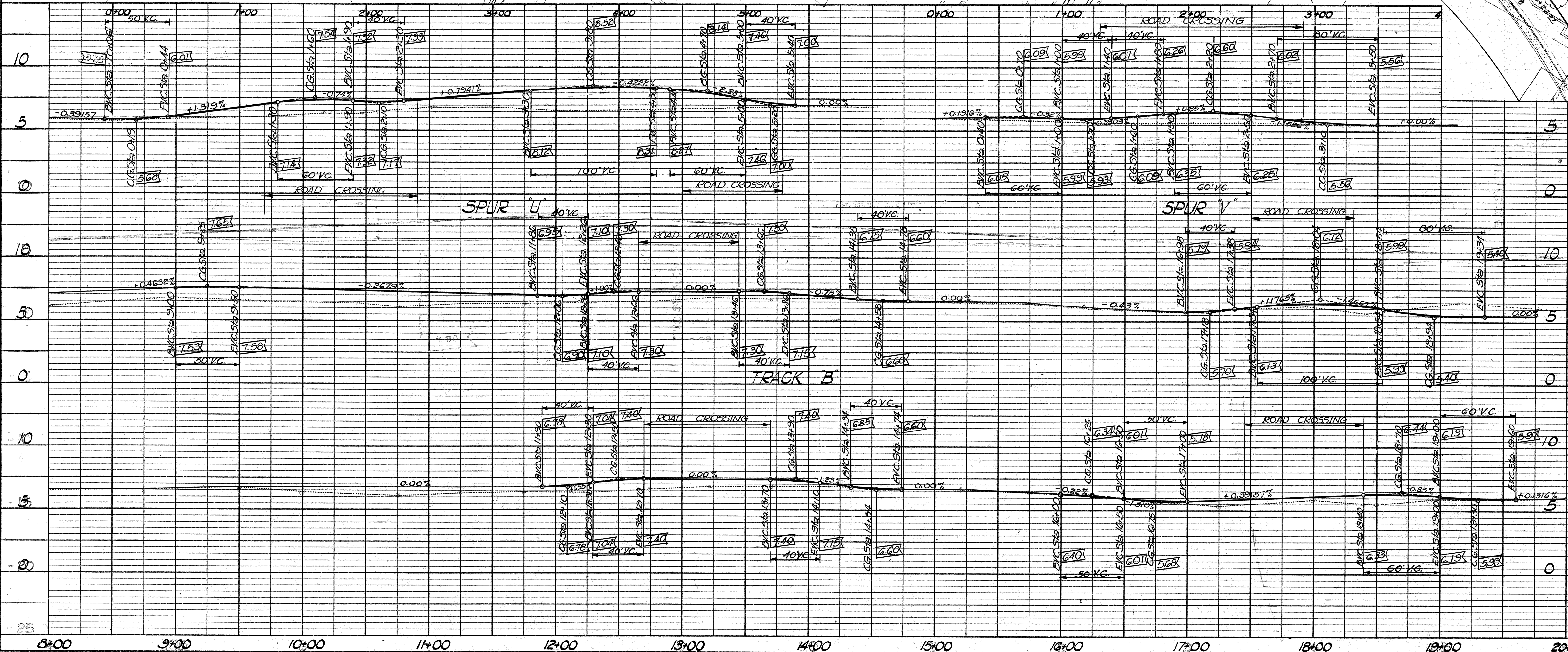
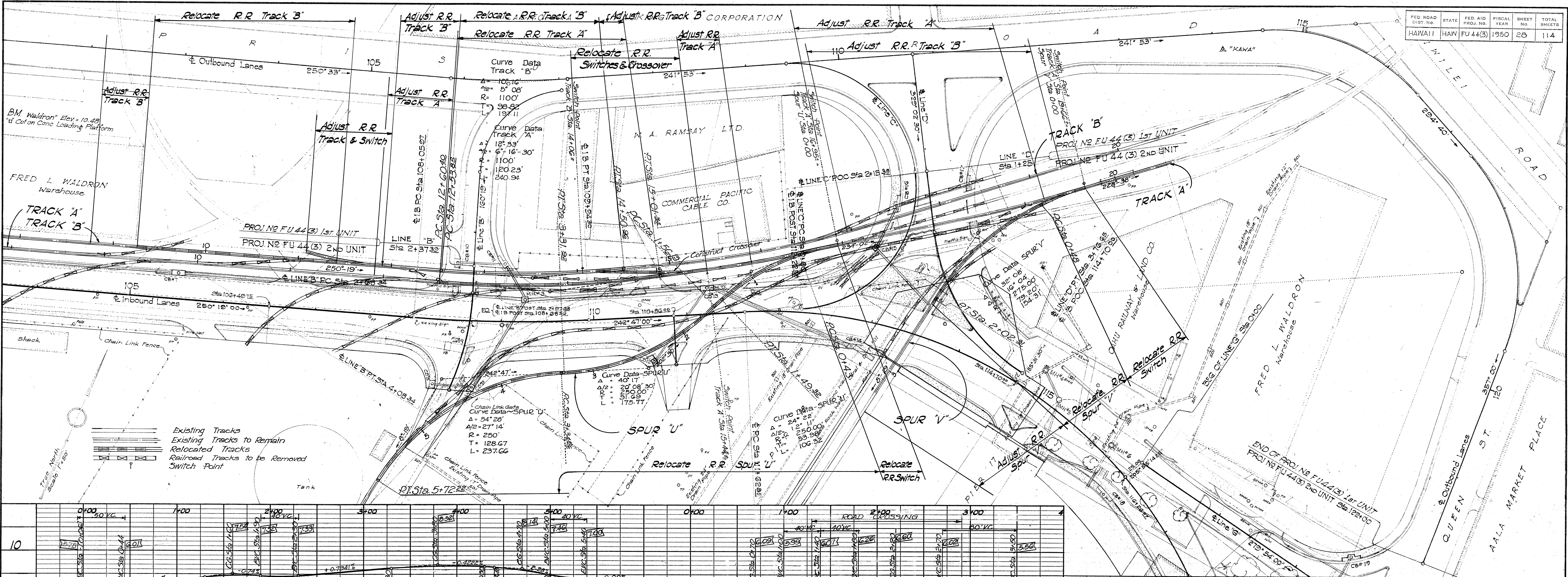
PLAN	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SURVEYED		
NOTE BOOK		
NO.		



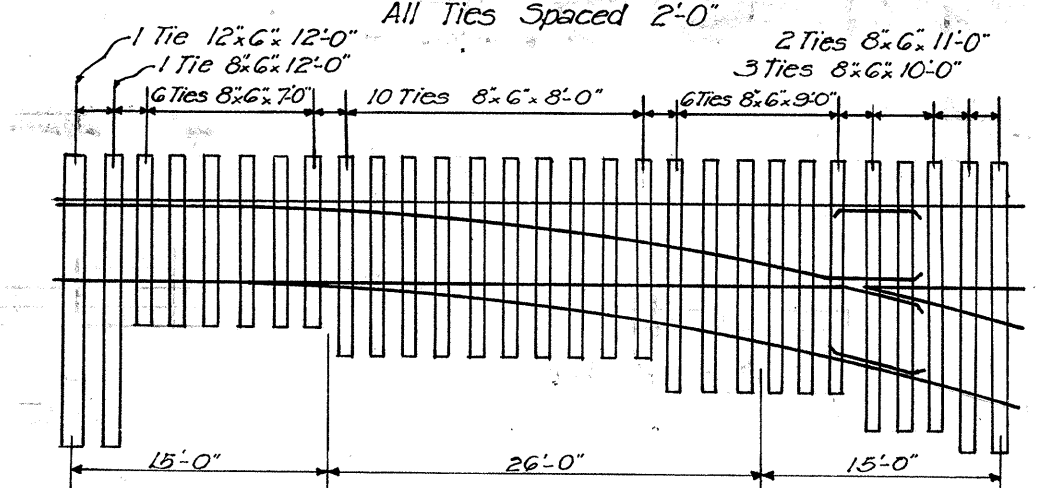
PLAN	DATE	BY
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
NOTES CHECKED		
STRUCTURE NOTED		
NO.		



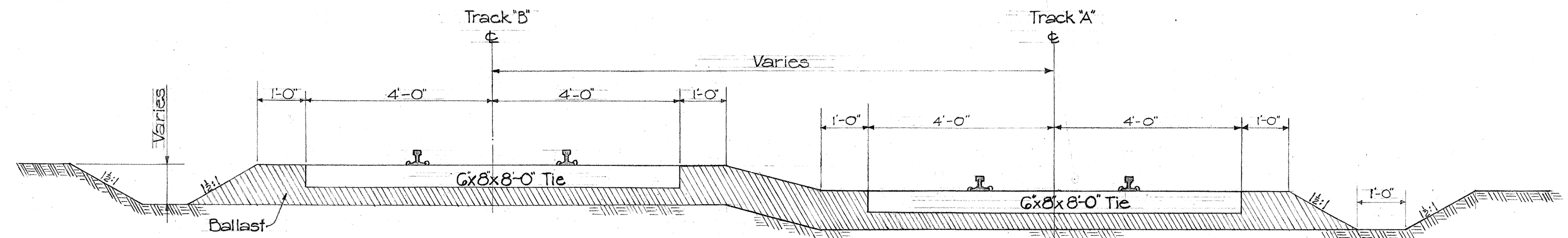
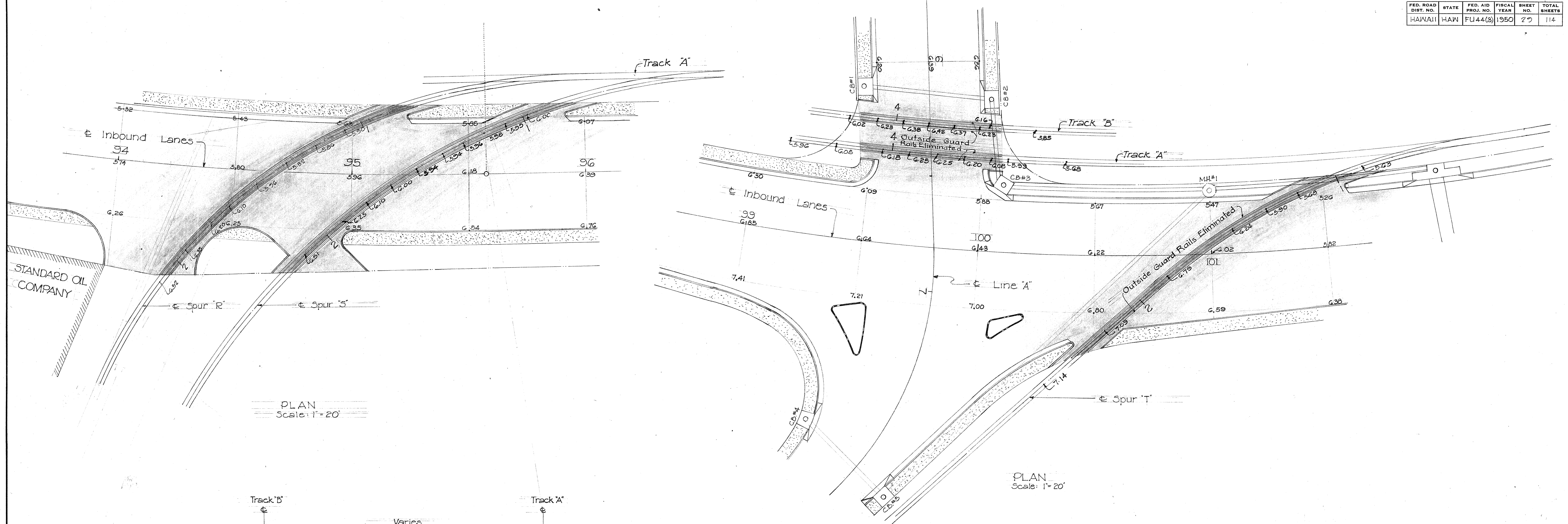
Distance Between Frog Points

No. of Frog	Length of Lead		Track Centers								Length of Lead	
	ft.	in.	11 ft.	12 ft.	13 ft.	14 ft.	15 ft.	16 ft.	17 ft.	18 ft.	ft.	in.
7	42	0	35	42	49	56	63	70	77	84	42	0
8	54	0	45	54	63	72	81	90	99	108	54	0
9	66	0	55	66	77	88	99	110	121	132	66	0

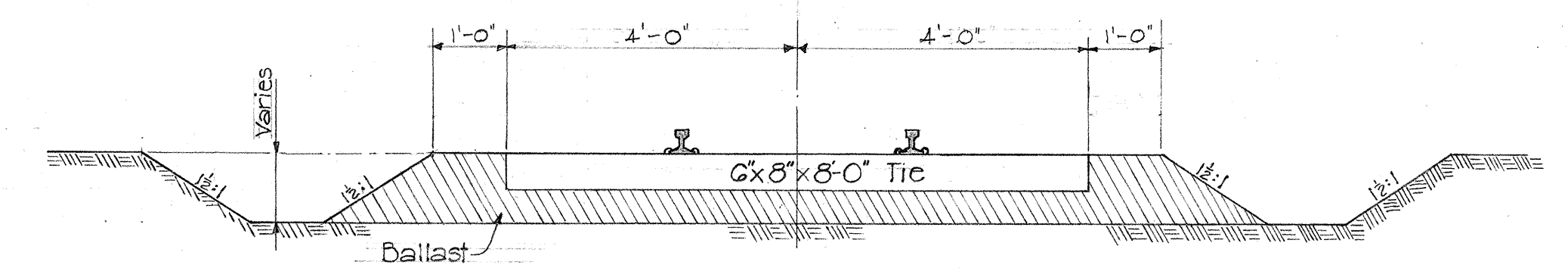


Tie Spacing for No. 7 15'-0" Manganese Frog with Low Switch Stand

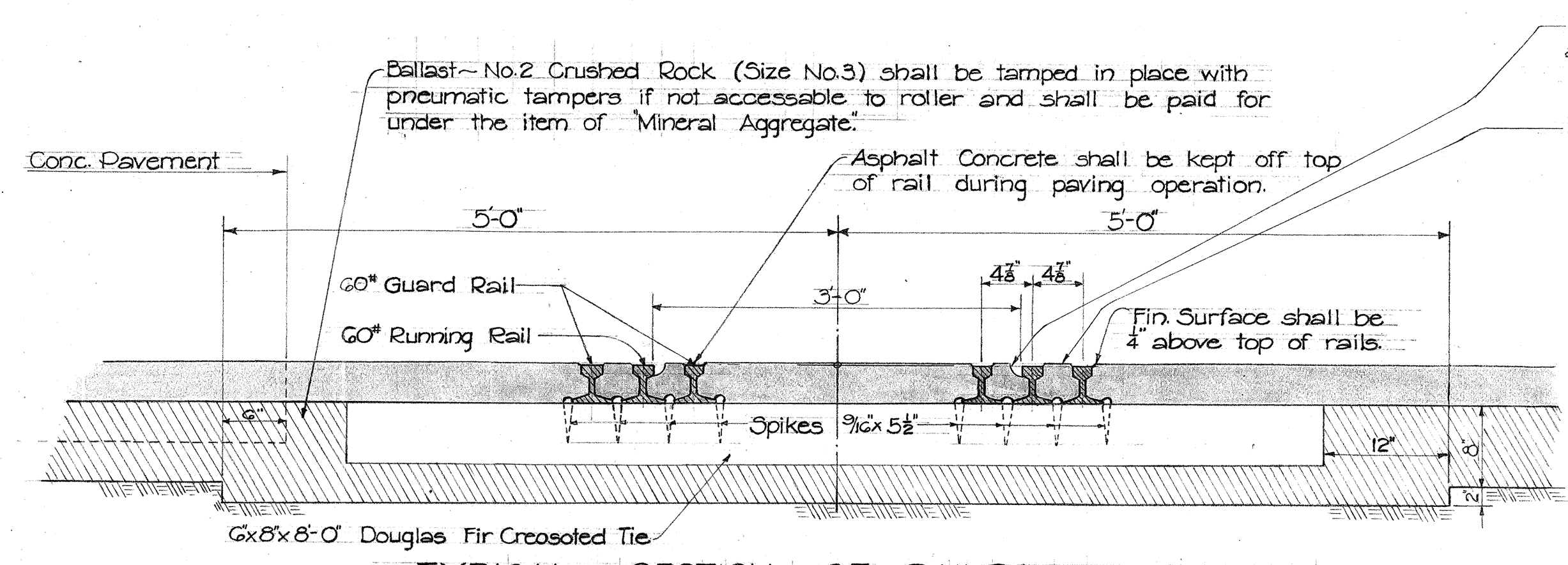
R.R. TRACKS



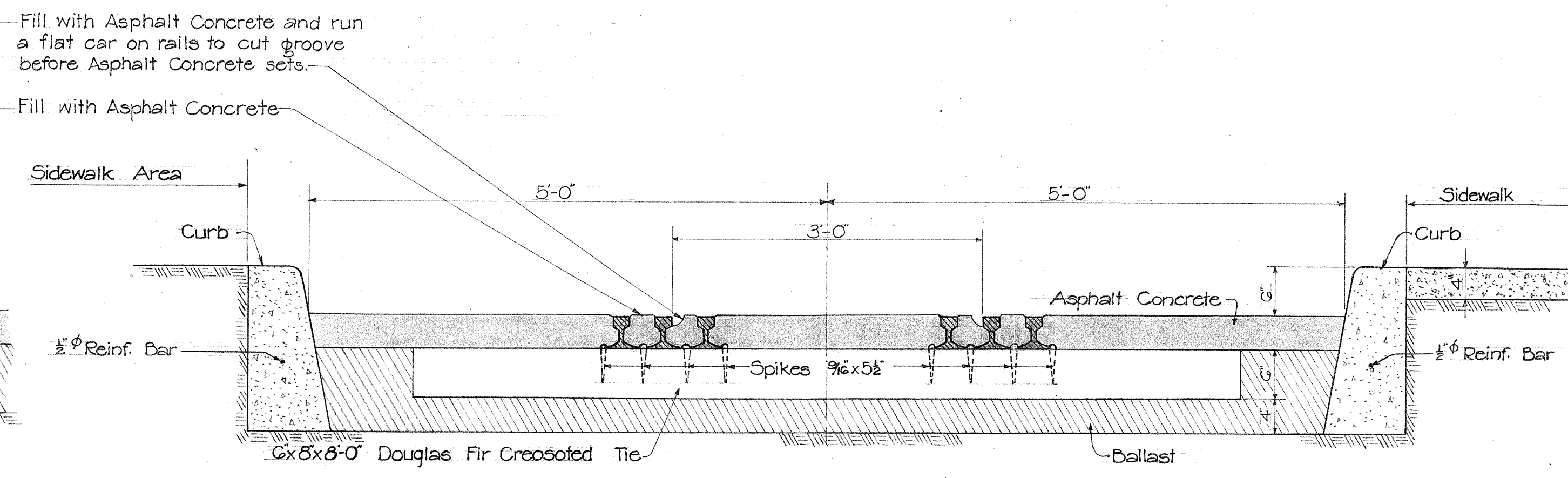
TYPICAL SECTION THROUGH FILL OR CUT
Scale: 1/2" = 1'-0"



TYPICAL SECTION THROUGH FILL OR CUT
Scale: 1/2" = 1'-0"



TYPICAL SECTION OF RAILROAD CROSSING
Scale: 1" = 1'-0"



TYPICAL SECTION OF CROSSING AT SIDEWALK
Scale: 1" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
**DETAILS OF
RAILROAD CROSSINGS**
HONOLULU-PEARL HARBOR ROAD
IWILEI SECTION
PROJECT No. FU 44(3) 2ND UNIT
Scale: As Noted Date: Sept. 1950
SHEET No. 3 OF 4 SHEETS

5484.29

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	FU 44(3)	1950	30	114

