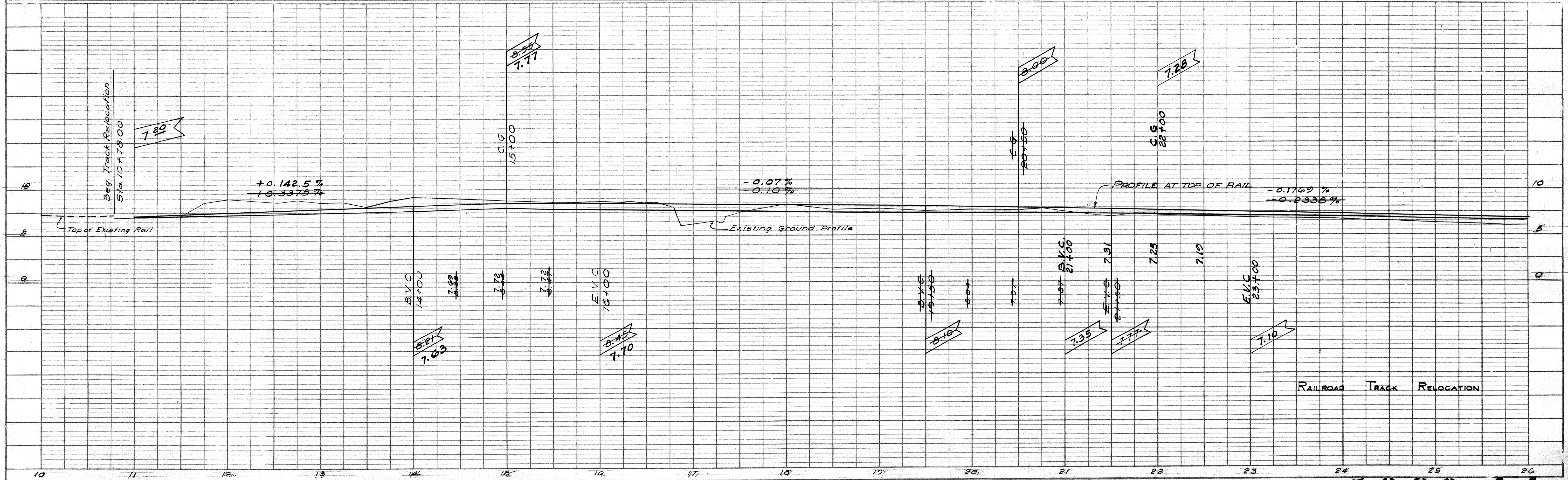


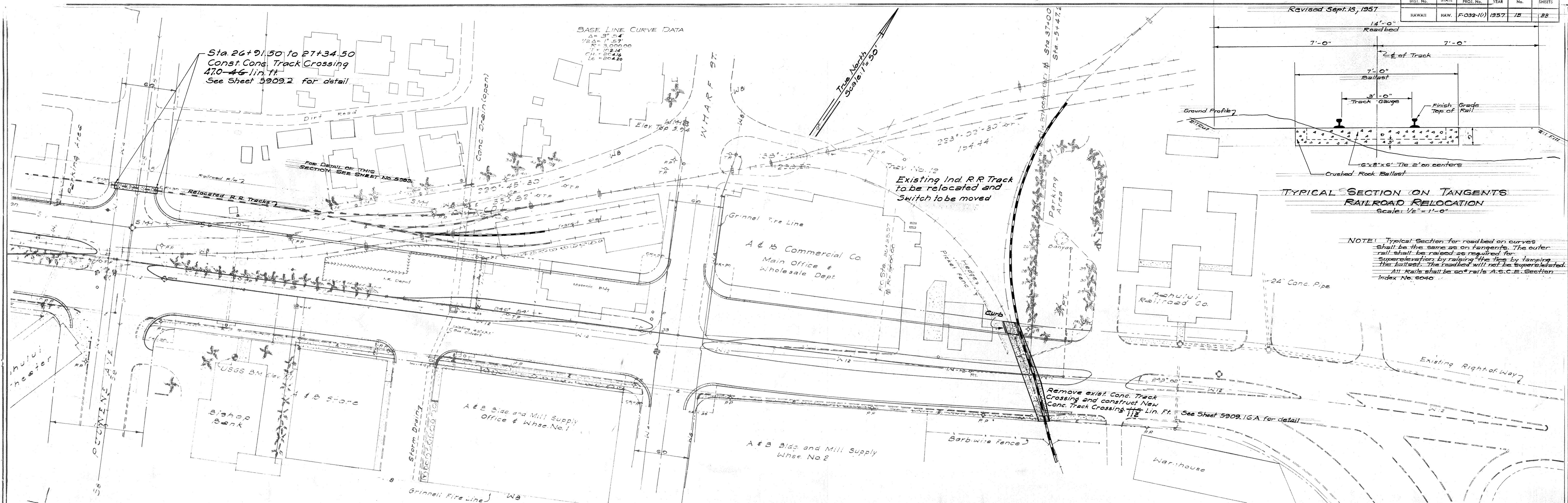
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRAVES CHECKED		
NO.	B. M.'S NOTED		
	STRUCTURE NOTATIONS CH'KD.		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	F-032-101	1957	15	28

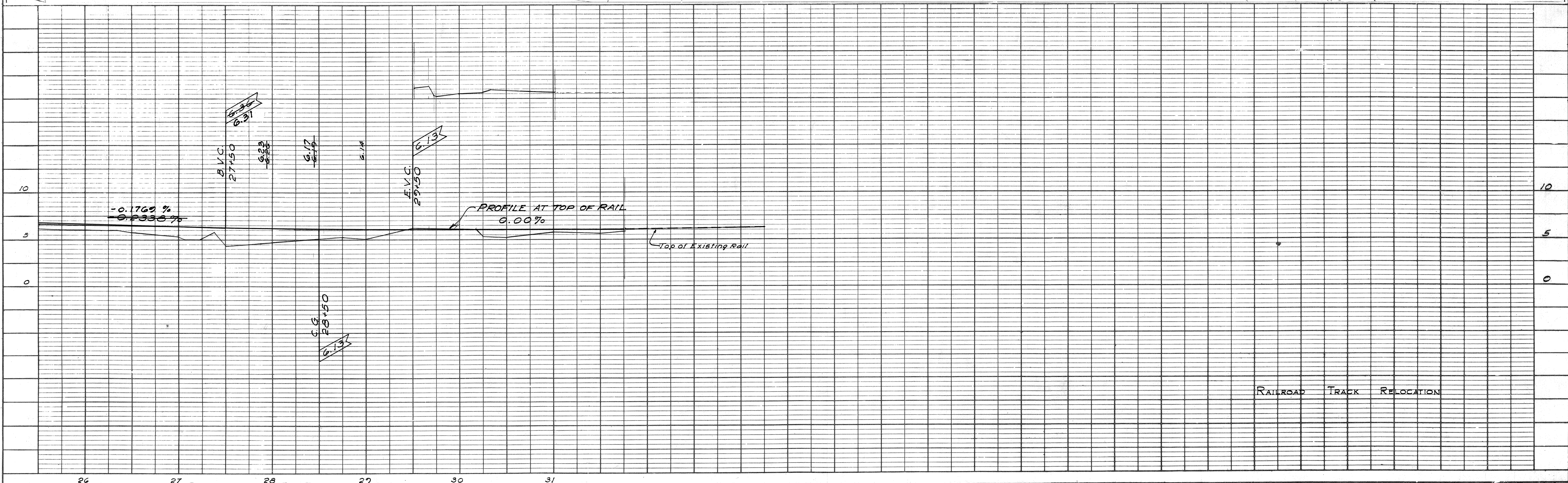
PLAN	DATE	BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
NO.			

PROFILE	DATE	BY	DATE
SURVEYED			
PLOTTED			
NOTE BOOK			
NO.			

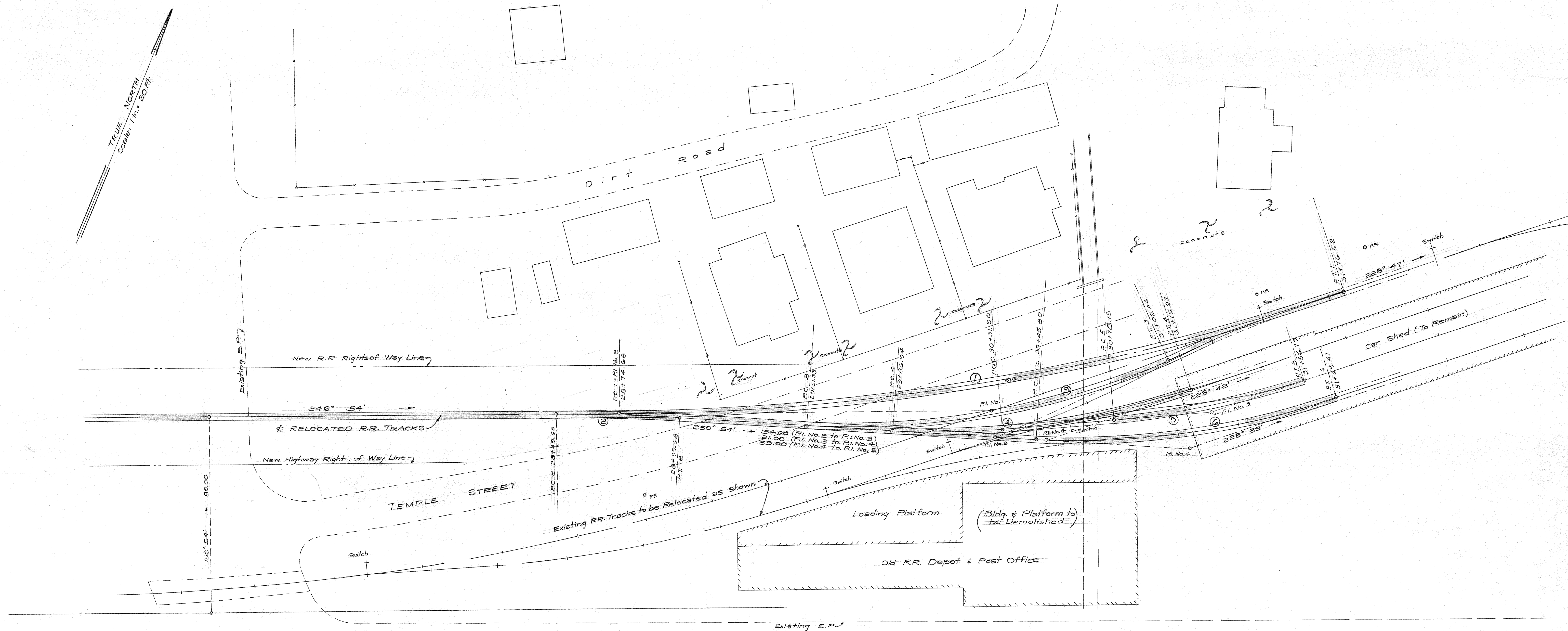


TYPICAL SECTION ON TANGENTS
RAILROAD RELOCATION
Scale: 1/2" = 1'-0"

NOTE: Typical Section for road bed on curves shall be the same as on tangents. The outer rail shall be raised as required for super-elevation by raising the ties by tamping. The ballast - The roadbed will not be super-elevated. All rails shall be 60 lbs. A.S.C.E. Section Index No. 6040



RAILROAD TRACK RELOCATION



② CURVE DATA FOR RAILROAD TRACK RELOCATION

①	②	③	④	⑤	⑥
$\Delta = 18^{\circ}07'$	$\Delta = 4^{\circ}00'$	$\Delta = 27^{\circ}12'$	$\Delta = 22^{\circ}12'$	$\Delta = 14^{\circ}08'$	$\Delta = 22^{\circ}15'$
$\frac{1}{2}\Delta = 9^{\circ}03'30''$	$\frac{1}{2}\Delta = 2^{\circ}00'$	$\frac{1}{2}\Delta = 13^{\circ}36'$	$\frac{1}{2}\Delta = 11^{\circ}06'$	$\frac{1}{2}\Delta = 7^{\circ}04'$	$\frac{1}{2}\Delta = 11^{\circ}07'30''$
$D = 6^{\circ}00'$	$D = 8^{\circ}00'$	$D = 18^{\circ}00'$	$D = 18^{\circ}00'$	$D = 18^{\circ}00'$	$D = 18^{\circ}00'$
$R = 955.37$	$R = 716.78$	$R = 319.62$	$R = 319.62$	$R = 319.62$	$R = 319.62$
$T = 152.31$	$T = 25.03$	$T = 77.32$	$T = 62.71$	$T = 39.62$	$T = 62.85$
$C = 300.83$	$C = 50.03$	$C = 150.31$	$C = 123.07$	$C = 78.64$	$C = 123.34$
$Lc = 301.94$	$Lc = 50.03$	$Lc = 151.11$	$Lc = 123.33$	$Lc = 78.64$	$Lc = 123.61$

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAIL PLAN OF
RAILROAD TRACK
RELOCATION
PROJ. NO. F-032-1(1)
SCALE: 1" = 20'

SHEET NO. OF SHEETS

5909.16

ORIGINAL
PLAN
NOTE BOOK
No.

SURVEY PLOTTED BY
DESIGNED BY
CHECKED BY
DATE

Sept. 18, 1957

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-032-1(1)	1957	16A	33

DESIGNED BY	DATE
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	

Curve Data
 $\Delta = 8^\circ 23'$
 $D = 18^\circ 00'$
 $R = 319.62$
 $T = 23.42$
 $C = 46.72$
 $L = 46.72$

Curve Data
 $\Delta = 59^\circ 57'$
 $D = 21^\circ 30'$
 $R = 268.06$
 $T = 154.61$
 $C = 267.86$
 $L = 278.84$

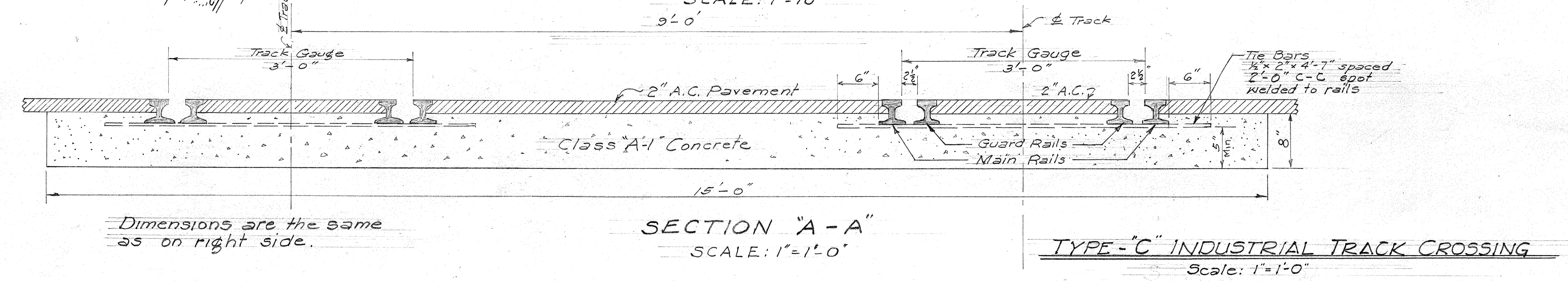
Sta. 37+01.14
Remove existing track crossing and
Construct Conc. Track Crossing
Crossing 115 lin. ft.
See details below

Existing frog and switch
to be relocated at sta. 4+00.50
and 4+50

To Haleakala Road

THIRD STREET
APPROACH

Curve Data
 $\Delta = 8^\circ 10'$
 $D = 18^\circ 00'$
 $R = 319.62$
 $T = 22.82$
 $C = 45.52$
 $L = 0.81$



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
MAIN ST. - KAHULUI
PROJ. F 032-1(1)
TRACK RELOCATION AND
CONC. TRACK CROSSING
STA. 37+01 ±

SHEET NO. 1 OF 1 SHEETS

5909.16A