

NOTE: Parker Ranch to construct fence on right side of R/W.
Contractor to construct fence on left side of R/W only, with new gates (Std. Cattle Gates) at locations ordered by Resident Engineer.

ESTIMATED QUANTITIES

	F.A.P. 10-B(2)	F.A.P. 10-C(1)
Woven Wire Fence	1,305 lin. ft.	23,385 lin. ft.
New Gates	1 each	6 each

FILE NO.	DATE	BY	CHKD.	APP'D.	NO.
HAWAII	HAW.	10-C(1)	1938	3	46
HAWAII	HAW.	10-B(2)	1938	3	7

£ CURVE DATA

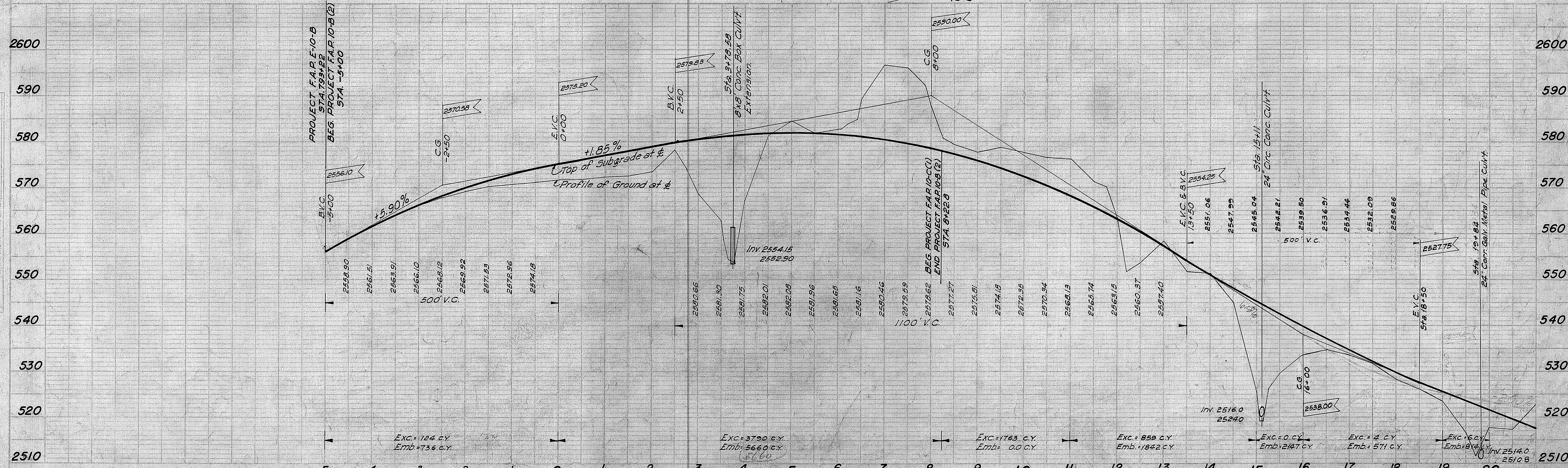
$\Delta = 43^\circ - 32' - 30''$
 $D = 2^\circ - 50'$
 $R = 2022.20$
 $T = 807.63$
 $L = 1536.76$

EQUATION
Minus 5.2

LIST OF COMMON ABBREVIATIONS

C.R.M.	Cement Rubble Masonry.
D.R.M.	Dry Rubble Masonry.
Circ. Conc. Culv't.	Circular Concrete Culvert which is either: (a) Cast-in-place Circular Concrete Culvert or; (b) Concrete Pipe Culvert.
C.R.M. Culv't.	Cement Rubble Masonry Culvert.
Box Culv't.	Various reinforced Box Culverts as Detailed.
C.D.I.	Concrete Drop Intake.
M.D.I.	Masonry Drop Intake.
M.H.W.	Masonry Headwall.
C.H.W.	Concrete Headwall.
£ Mon.	Large Tree.
£ Mon.	Centerline Monument.

NOTE: There are various water tanks scattered throughout the vicinity of the project which are connected by pipelines of less than 3" diameter, some of which may be encountered during construction. An estimated quantity of 600 lin. ft. of moving existing pipe lines is allowed in the proposal to take care of this work.



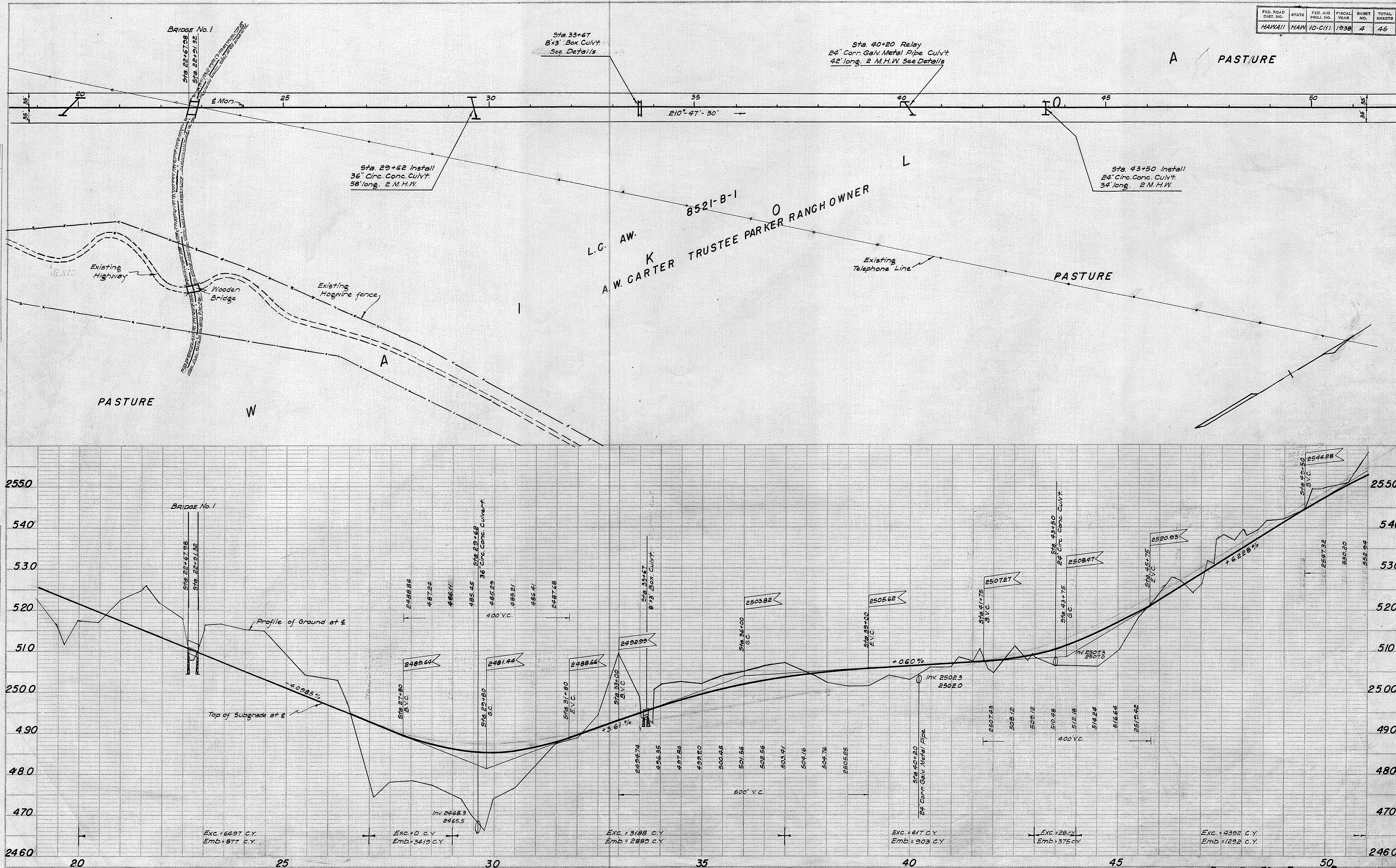
4480.3

4481.3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	10-C(1)	1938	4	46

PLAN	SURVEYED	DATE
NO.	NO.	NO.
NOTE BOOK	ALIGNED CHECKED	BY
NO.	BY	DATE

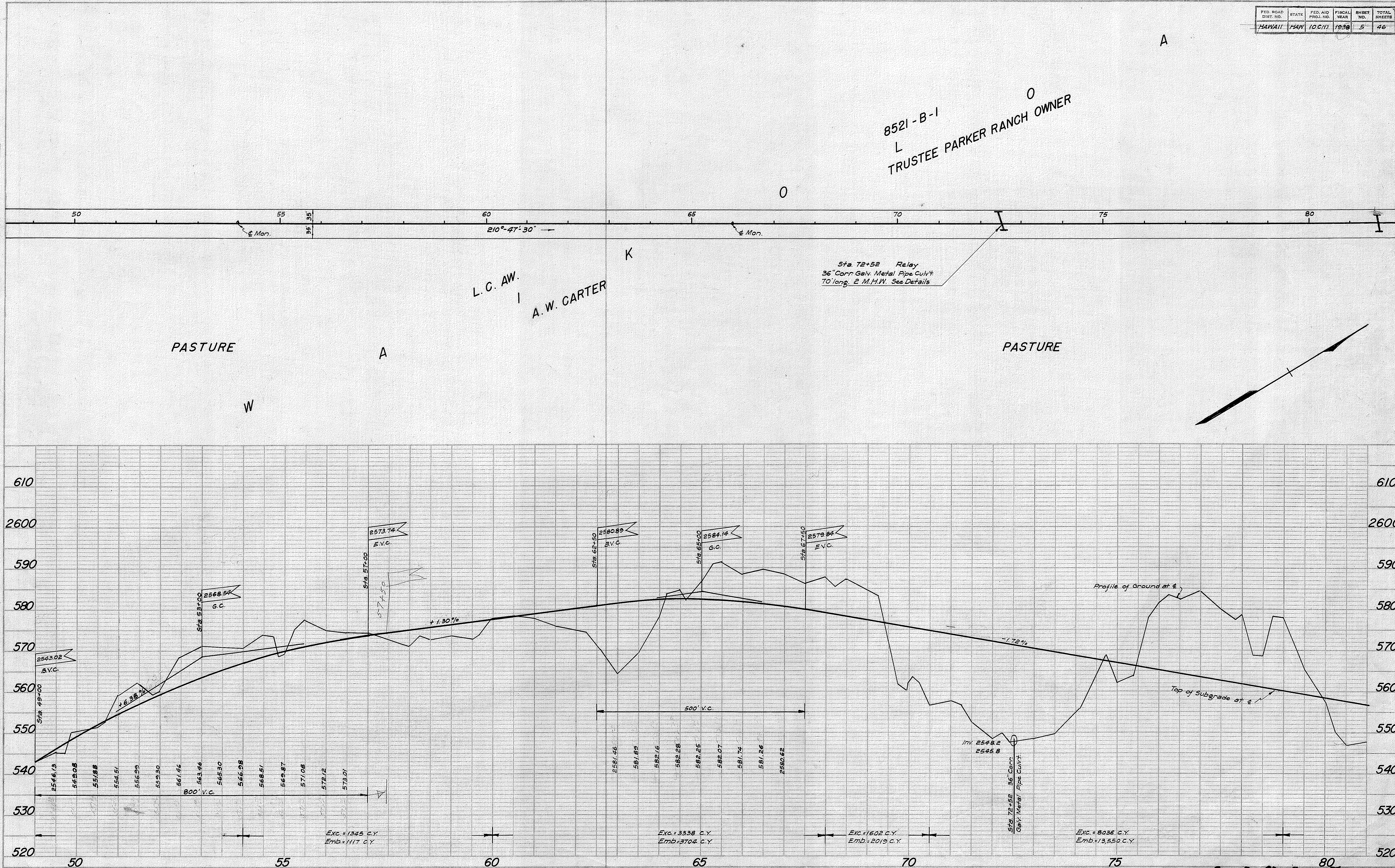
PROFILE	SURVEYED	DATE
NO.	NO.	NO.
NOTE BOOK	AS MEASURED	BY
NO.	BY	DATE



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	10 C/11	1938	5	46

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
RT. OF WAY CHECKED		

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
GRADES CHECKED		
STRUCTURES & NOTATIONS CHECKED		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	10 C 111	1938	7	46

PLAN	DATE	BY
SUBMITTED		
PLANNING		
DESIGN		
CONSTRUCTION		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
SUBMITTED		
PLANNING		
DESIGN		
CONSTRUCTION		
NOTE BOOK		
NO.		

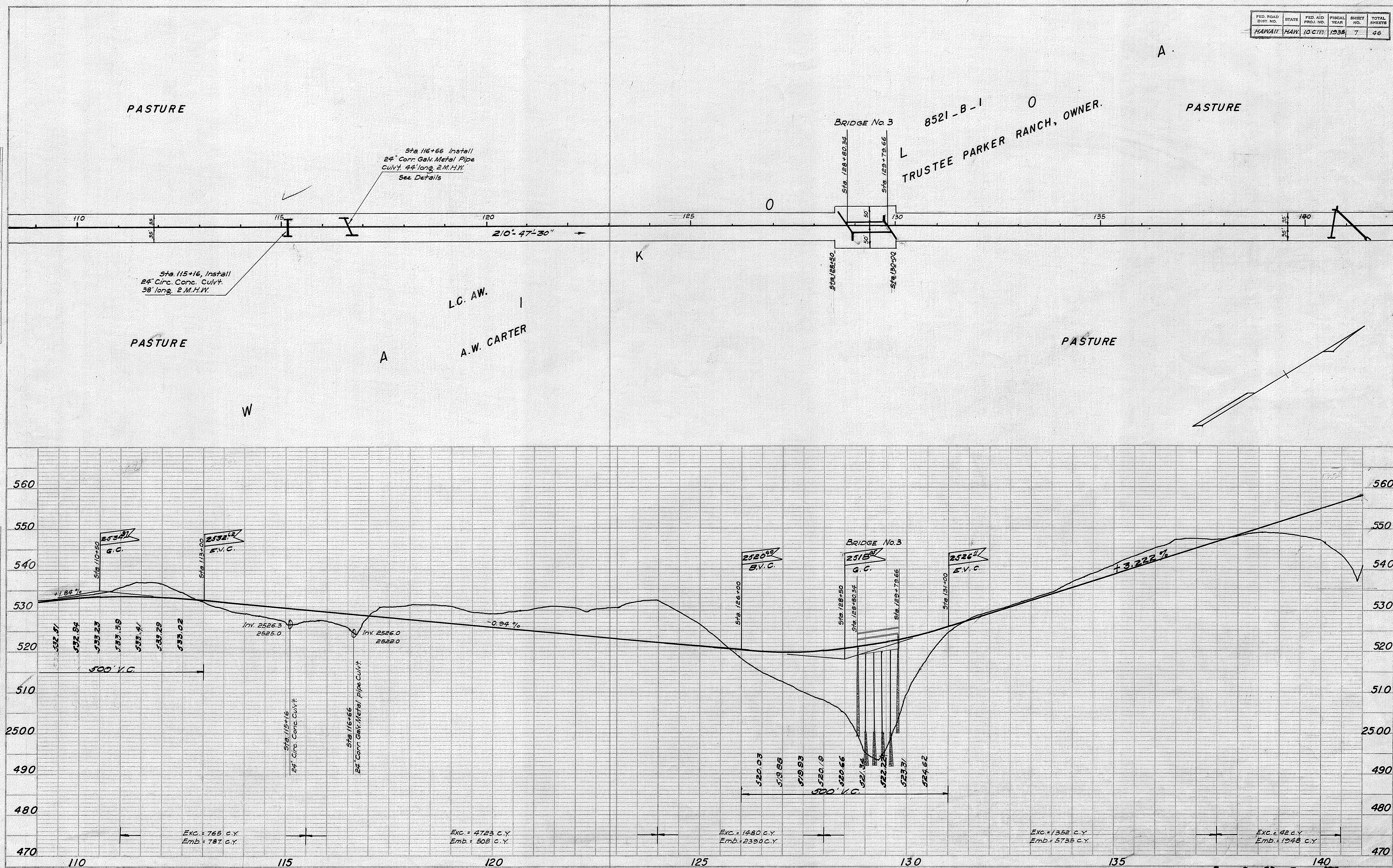


PLATE 1--PLAN-PROFILE O. P. R. & B. E. STANDARD
NEUFEL & ESSER CO., NEW YORK

4481.7

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	10-C-11	1938	3	46

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

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
GRADES CHECKED		
STRUCTURE NOTATIONS CHKD.		

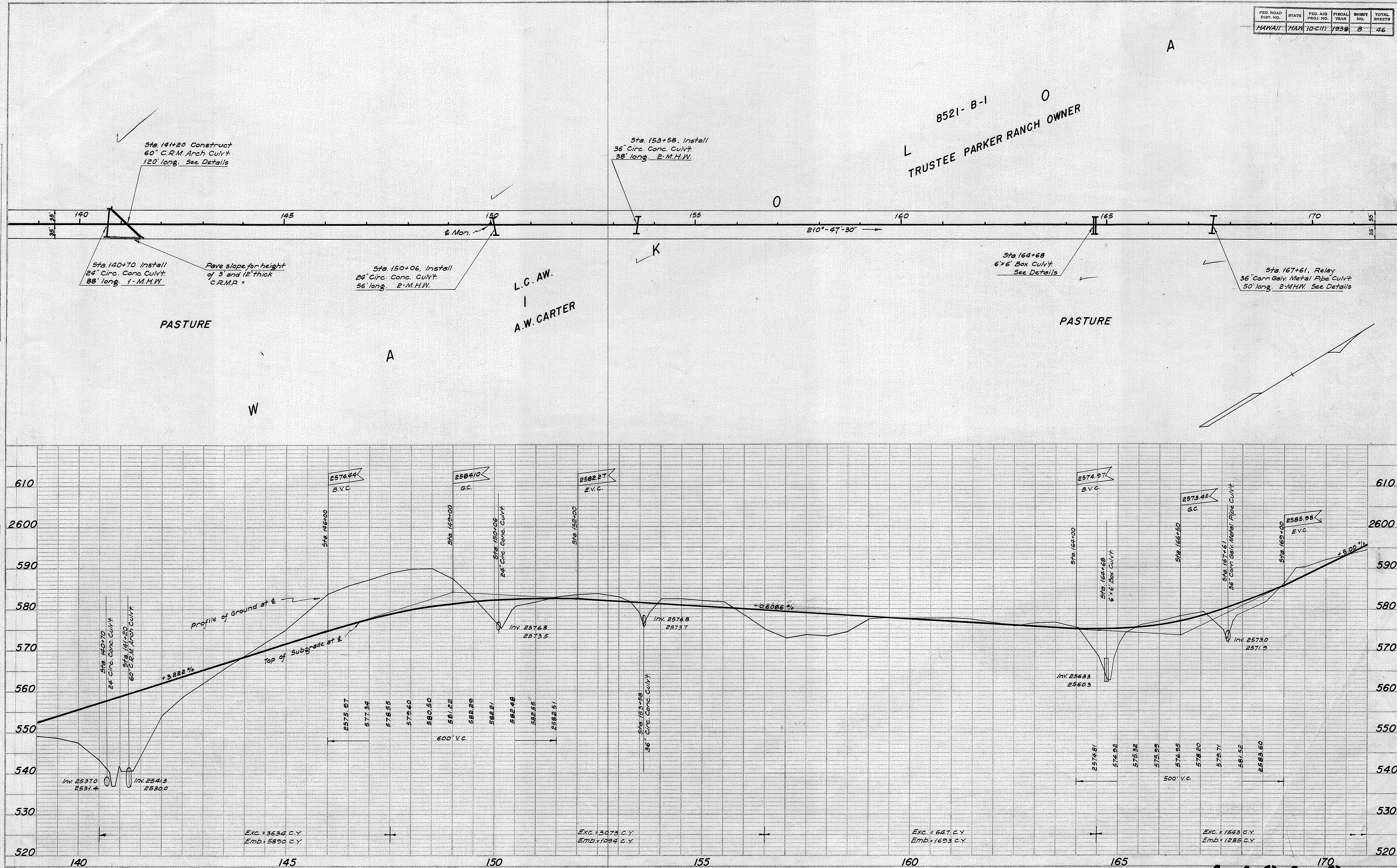


PLATE 1-PLAN-PROFILE O. P. N. R. E. STANDARD
NEUFEL & ESSER CO., NEW YORK

4481.8

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET.
HAWAII	HAW.	10-C-41	1938	9	46

Construct Connection
to Existing Road
Exc. = 300 c.y.

