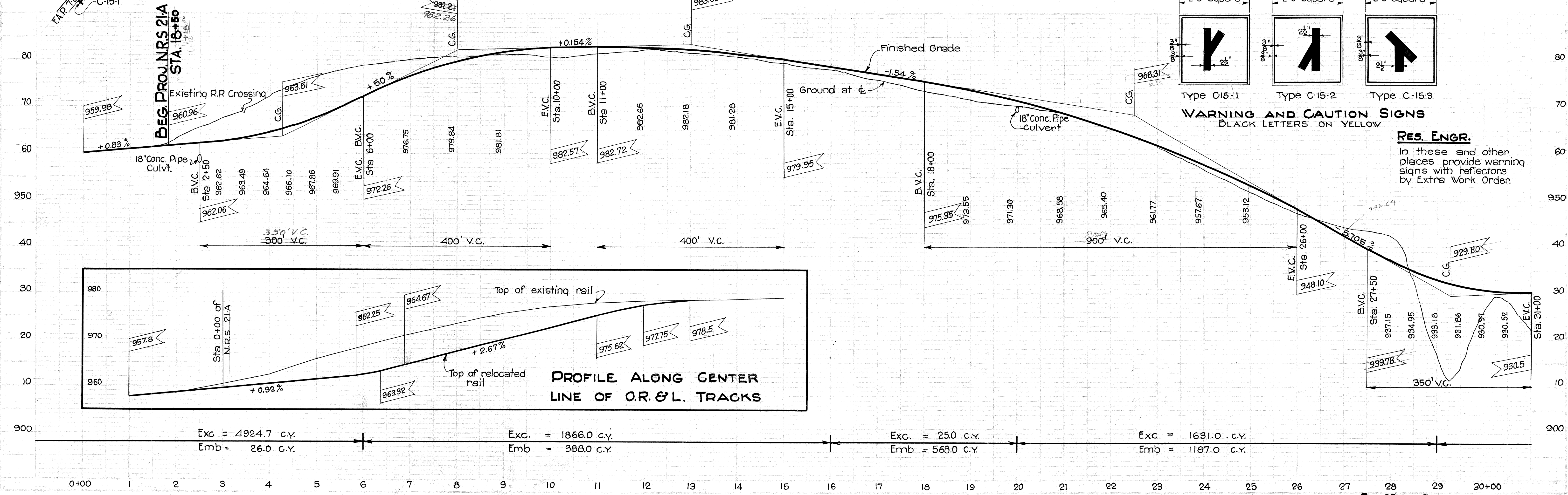
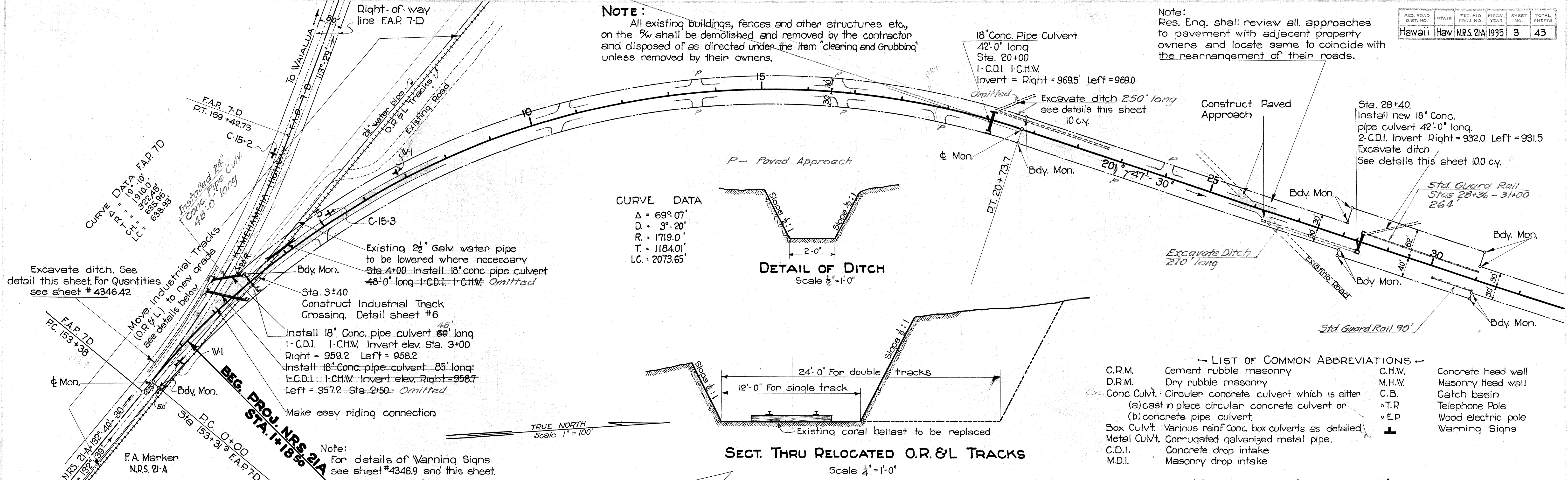


NOTE:
All existing buildings, fences and other structures etc., on the R/W shall be demolished and removed by the contractor and disposed of as directed under the item "clearing and grubbing" unless removed by their owners.

Note:
Res. Engr. shall review all approaches to pavement with adjacent property owners and locate same to coincide with the rearrangement of their roads.



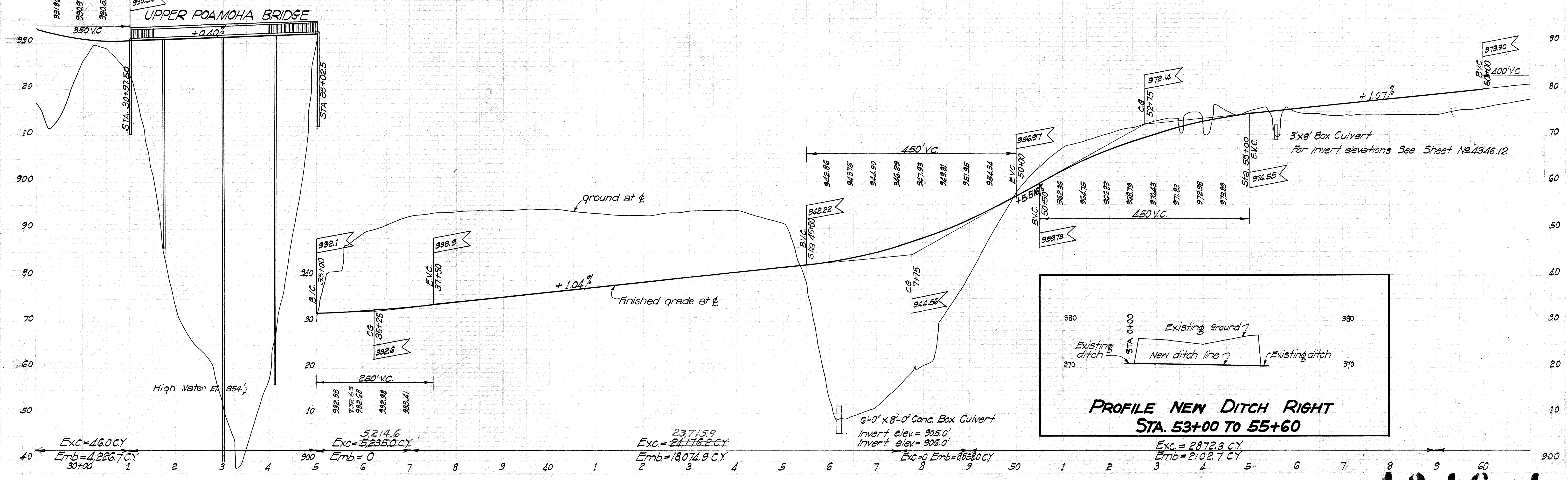
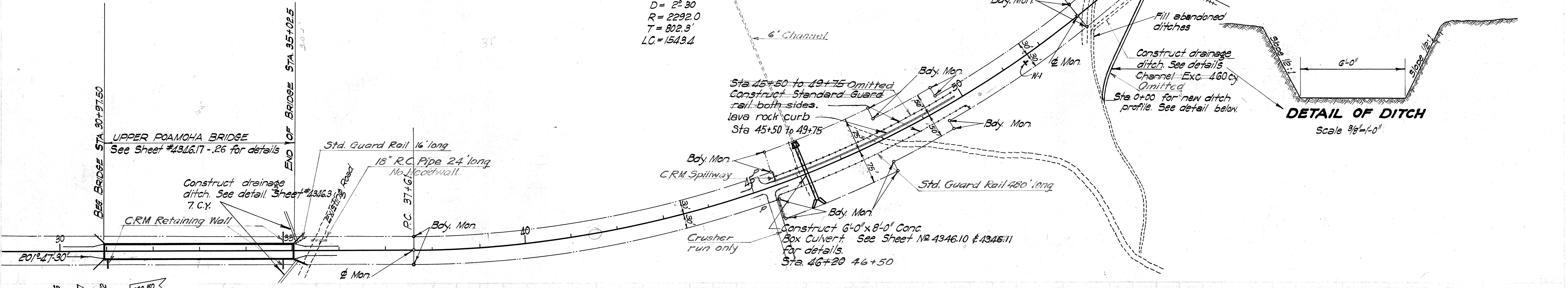
TRUE NORTH
Scale 1"=100'

CURVE DATA
 $\Delta = 38^\circ 35'$
 $D = 2^\circ 30'$
 $R = 2292.0$
 $T = 802.3'$
 $LC = 1549.4$

Sta. 54+65
 Construct Industrial
 Track Crossing
 40' in ft.
 Details sheet #6

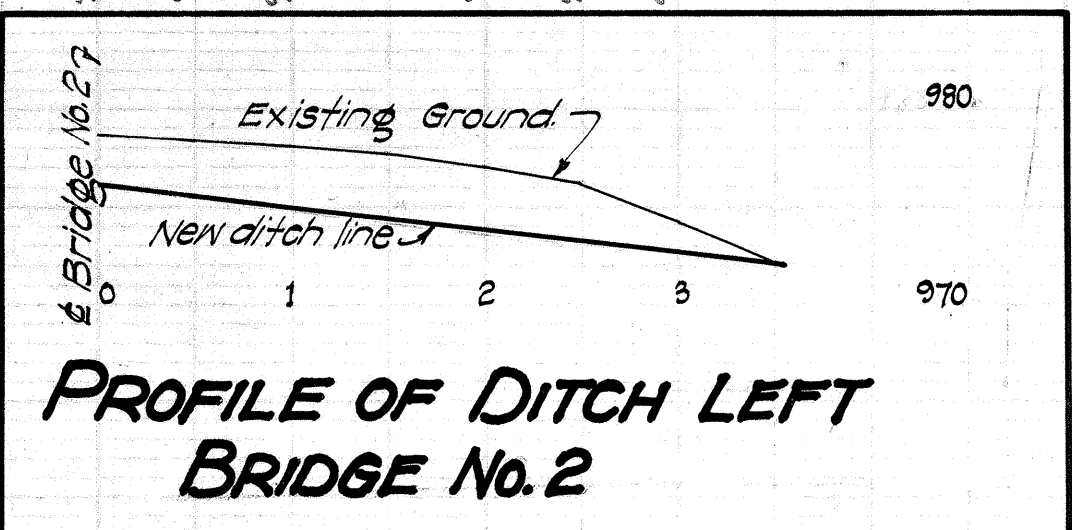
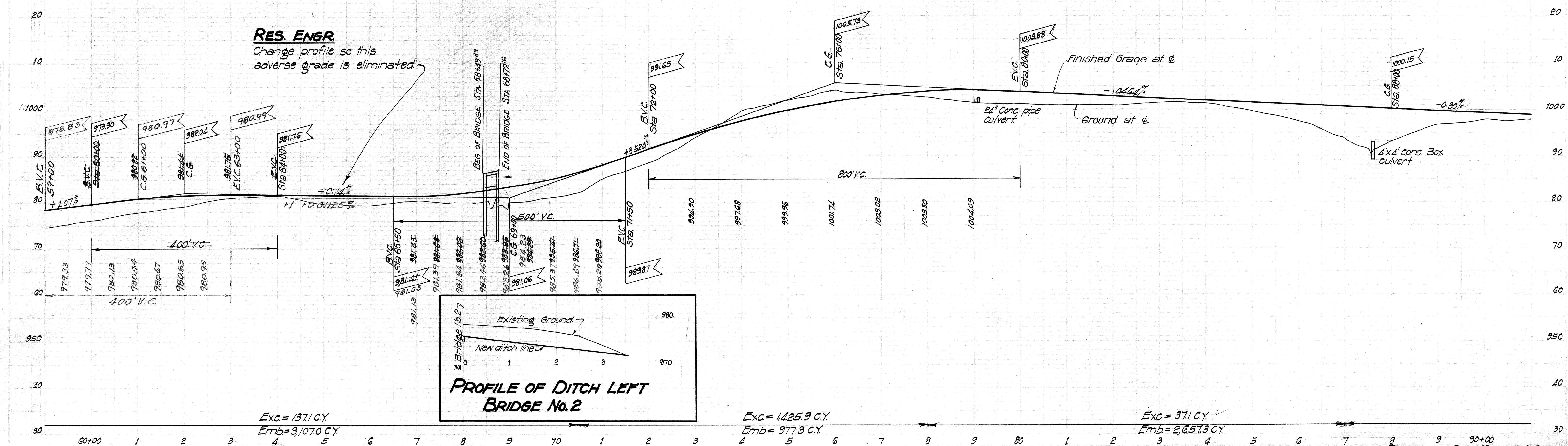
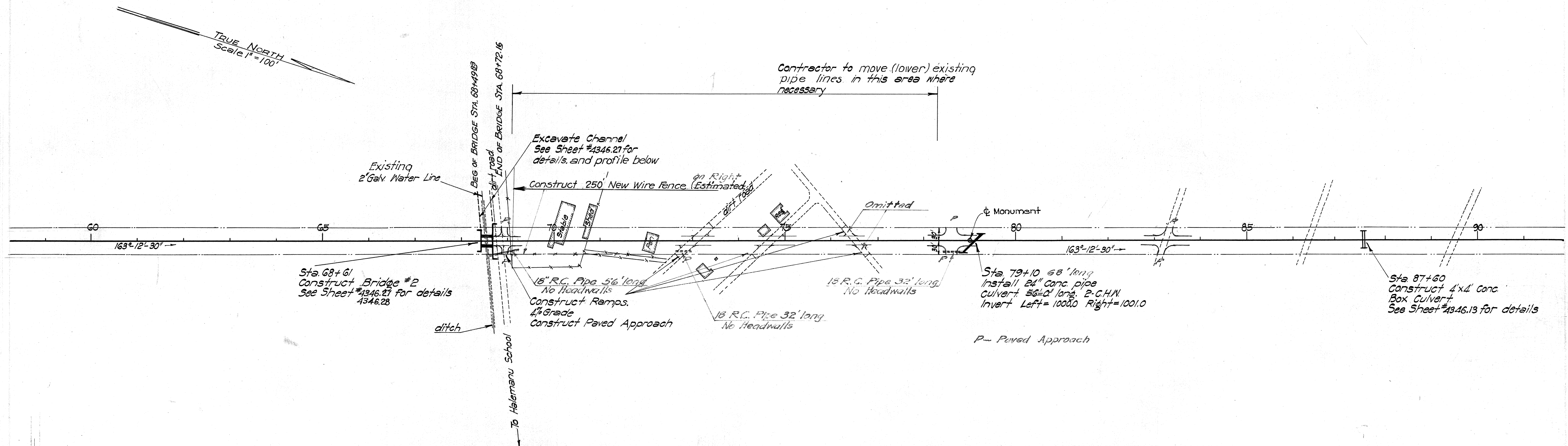
Construct 3'x8' Conc. Box
 culvert. Sta. 55+60-5 56+26+
 See Sheet #4346.12A

DETAIL OF DITCH
 Scale 3/8"=1'-0"



B.B.M. & W.C.V.

B.B.M. & W.C.V.



Exc = 1371 C.Y.
Emb = 3,1070 C.Y.

Exc = 1,425.9 C.Y.
Emb = 977.3 C.Y.

Exc = 371 C.Y.
Emb = 2,657.3 C.Y.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOT. SHEETS
Hawaii	Haw.	N.R.S 21A	1935	6	43

Note
Project may be extended or
shortened to correspond with
funds programmed.
Extended to Sta. 102+10

Sta. 119+51
Construct 3'x8' Conc.
Box Culvert.
See Sheet #4346.15 for details

Sta. 110+40
Construct 2'x4'
Conc. Box Culvert
See Sheet #1346.14 for
details

Sta. 105+40
Install 24" Pipe Culvert
42'-0" long. 2-C.H.W.
Invert elev. Left = 984.0
Right = 984.5

END OF U.S.P.N. PROJECT
No. N.R.S. 21A STA. 102+00
102+10

F. A. Marker
F. A. P.
21-A

Bdy. Monument
& Monument

18" R.C. Pipe 40' long
No Headwall.

DETAIL OF RAIL SLOT

3"=1'-0"

DETAILS

TRACK CROSSING

STA 3+40 and STA 54+65 Scales as shown.

PART PLAN
3/8" = 1'-0"
INDUSTRIAL

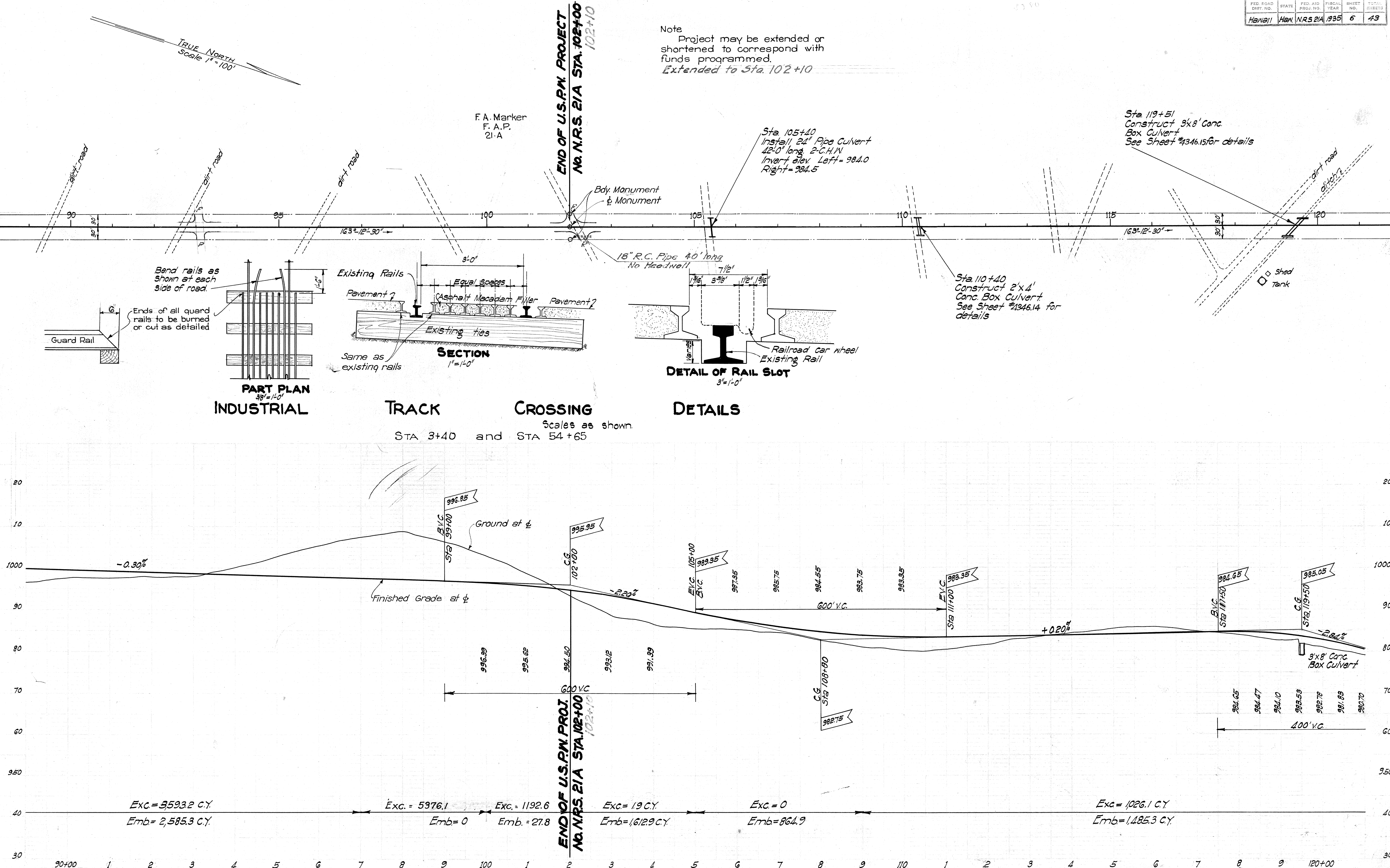
Bend rails as
shown at each
side of road. —

Ends of all guard rails to be burned or cut as detailed



Guard Rail

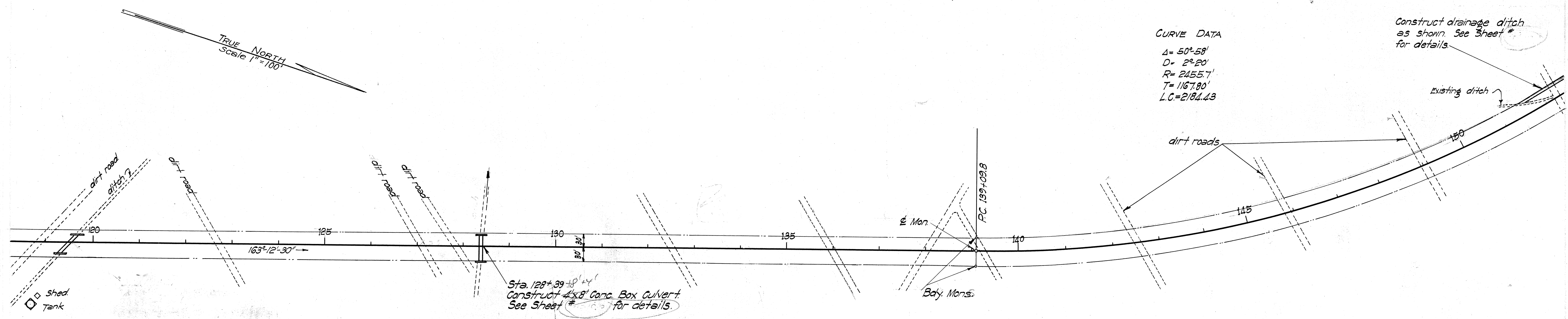
TRUE NORTH
Scale 1" = 100'



4346.6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	NR52/A	1985	7	43

B.B.M. & M.C.V.
4/4/85



CURVE DATA
 $\Delta = 50^\circ 58'$
 $D = 2^\circ 20'$
 $R = 2455.7'$
 $T = 1167.90'$
 $L.C. = 2184.43'$

Construct drainage ditch as shown. See Sheet # for details.

B.B.M. & M.C.V.
4/4/85

