

CURVE DATA
From Project N.R.H. (9-A)
 $\Delta = 85^\circ 54' 30''$
 $R = 1080.48$
 $T = 92.32$
 $Lc = 1525.76$
 $C = 1402.12$

NOTE!
This Curve Data is subject to adjustment by Res. Engr. to fit curve on N.R.H. (9-A)

B.M. R.R. Spike in Elec. Pole 98 ft left of Sta. (302+00)
Elev. = 11.48

Sta. 303+48
Paved Approach
Exc. = 282 c.y.
B.C. = 235 vds.
Pay = 230 vds.

EQUATION PLUS 103.31

B.M. on Conc. South Abutment R.R. Bridge #10
Elev. = 5.75

For Relocated R.R. Details and Side Road Connection See detail sheets No. 6 & 7

CURVE DATA
 $\Delta = 12^\circ 18' 30''$
 $T = 358.14$
 $R = 3330.55$
 $Lc = 713.53$
 $C = 712.17$
 $SE = 0.01$

B.M. Top of Conc. Footing for Signal Post South of R.R. Track Elev. = 10.73

FILE NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	HAW.	N.R.H. 9-C	1935	3	72

Revised June 1936

B.M. R.R. Spike in Monkey-Pod Tree 60 ft Rt. of Sta. 302+20
Elev. = 14.90

Sta. (305+25)
30" Conc. Pipe Culv.
80' lg. 2-C.H.W.
Culv. to be placed on rock-rubble if ordered by Res. Engr.

Std. Wood Guard Rails
Sta. (303+50 to 305+50) — Left (303 lin. ft.)
Sta. (303+25 to 305+50) — Right (360 lin. ft.) Deleted

NOTE!
All existing buildings, fences and other structures, etc., on the %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!
All notes referring to Base Course and Pavement are to be disregarded for Job #4325. See Sheet #4325.2

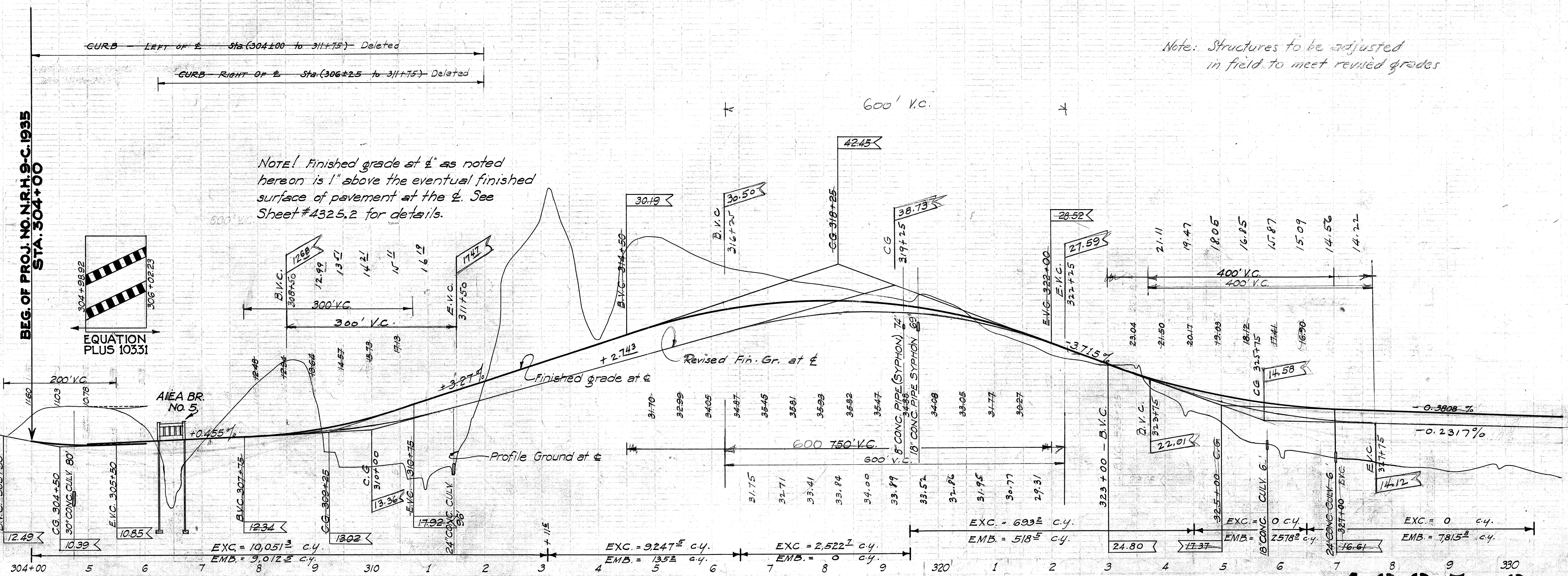
- LIST OF COMMON ABBREVIATIONS —
- C.R.M. — Cement rubble masonry.
 - D.R.M. — Dry rubble masonry.
 - C.R.M.P. — Cement rubble masonry paving.
 - H.L.R.R. — Hand laid rip-rap.
 - W. — Wall.
 - Conc. Culv. — Circular concrete culvert which is either (a) cast in place circular concrete culvert or (b) concrete pipe culvert.
 - Box Culv. — Various reinf. conc. box culverts as detailed.
 - Metal Culv. — Corrugated galvanized metal pipe.
 - C.D.I. — Concrete drop intake.
 - M.D.I. — Masonry drop intake.
 - C.H.W. — Concrete head wall.
 - M.H.W. — Masonry head wall.
 - C.B. — Catch basin.
 - Header — Lava rock header.
 - Curb — Lava rock curb.
 - T.P. — Telephone Pole.
 - E.P. — Wood electric pole.
 - C.E.P. — Concrete electric pole.
 - S.E.P. — Steel electric pole.
 - W.S. — Warning Signal.

BEG. OF PROJ. NO. N.R.H. 9-C. 1935 STA. 304+00

EQUATION PLUS 103.31

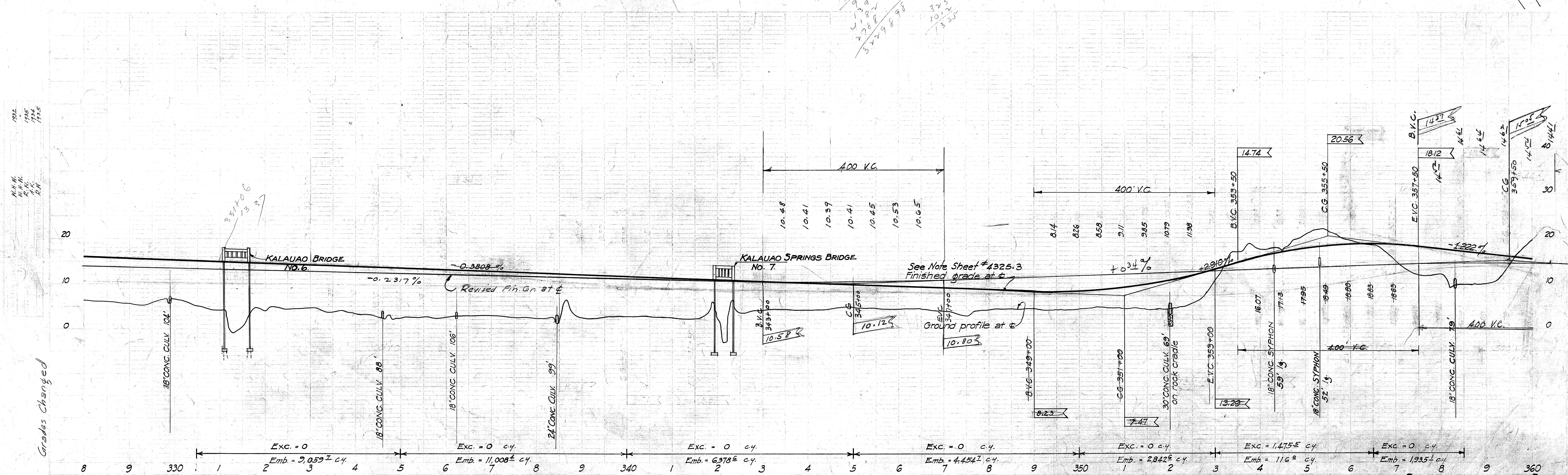
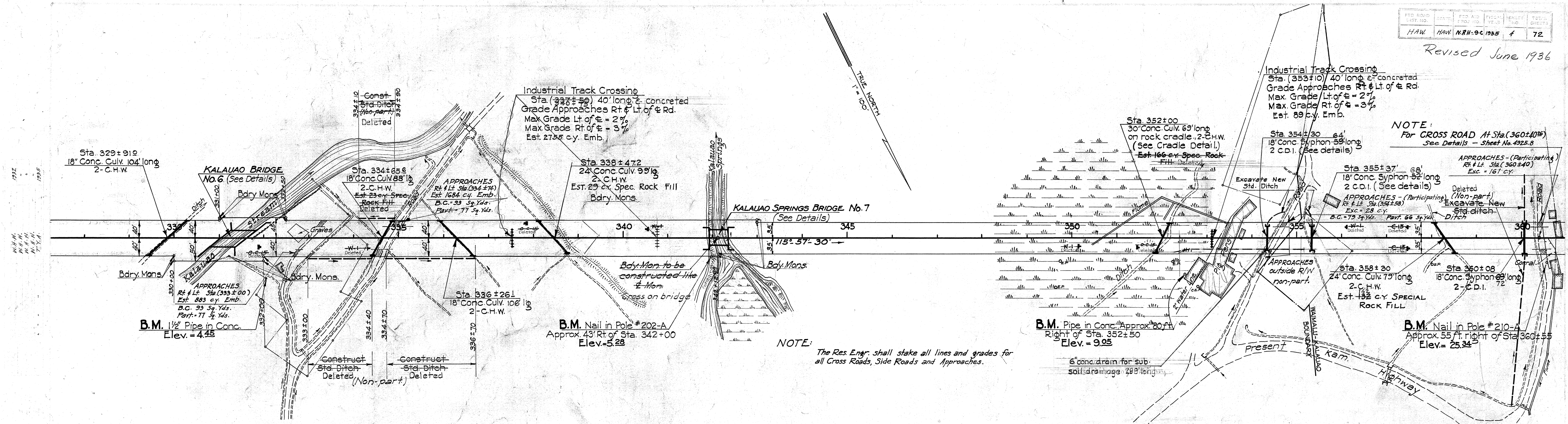
NOTE! Finished grade at % as noted hereon is 1" above the eventual finished surface of pavement at the %. See Sheet #4325.2 for details.

Note: Structures to be adjusted in field to meet revised grades



4325.3

Revised June 1936



Revised June 1936

Revised June 1936

Revised Sept. 1936

STATE	FED. AID	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	N.R.H. 9-C	1935	5	72
HAW.	9F	1935	3	42

Grades Revised Dec. 18, 1935

B.M. + Cut on Conc. N.W. corner O.R. & L. Bridge #13, Waimalu Stream. Elev. = 5.81

Additional No. Plate 9F

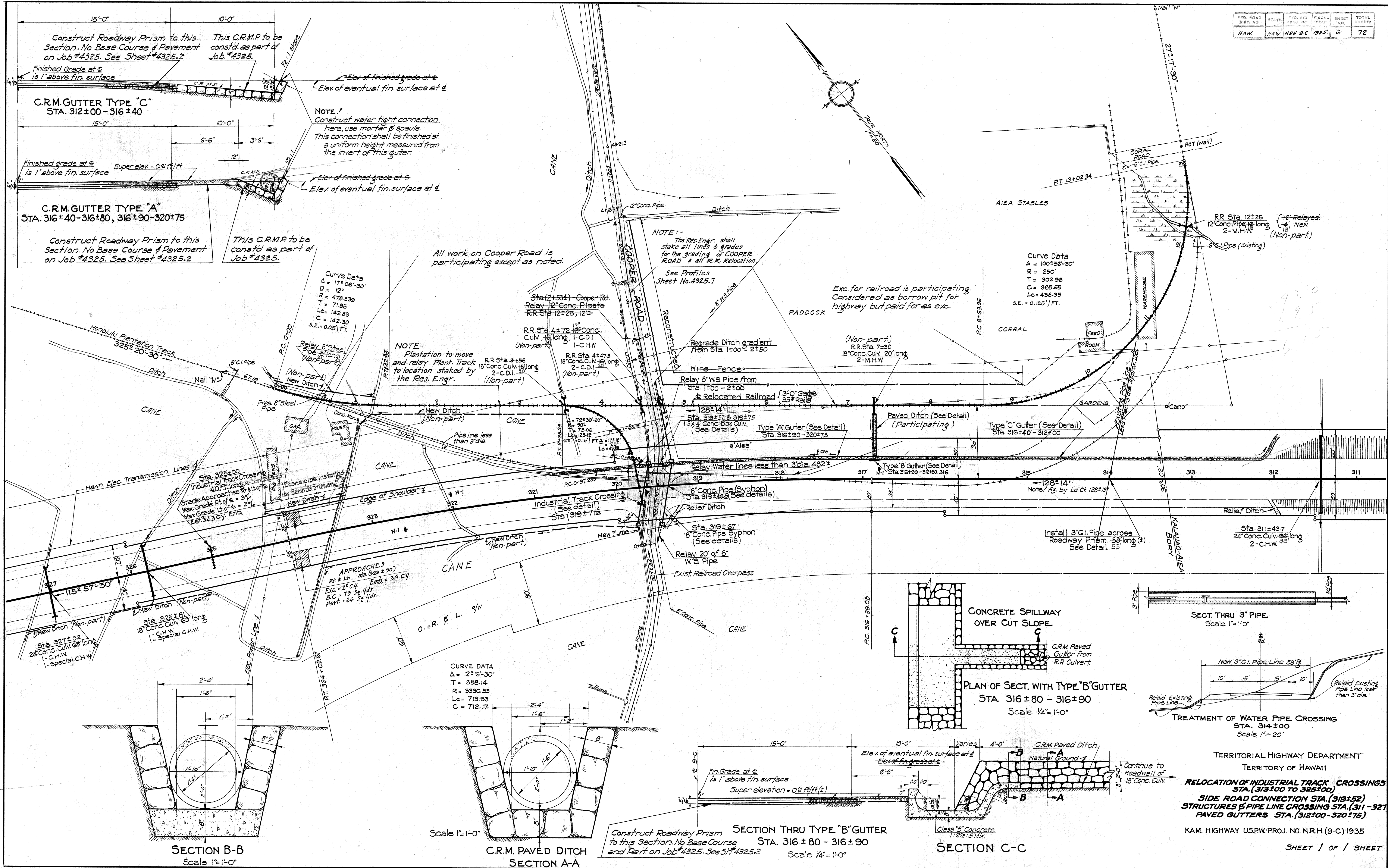
F.A. MARKER F.A.P. 9C

NOTE: FOR CROSS ROAD AT STA. (360+40.26) SEE DETAILS SHEET NO. 4325.8

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END OF PROJ. NO. N.R.H. 9-C. 1935
BEG. OF FED. AID PROJ. NO. 9F

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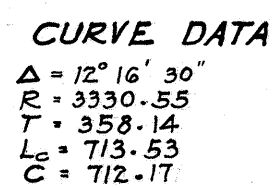
FED. ROAD DIST. NO.	STATE	FYD. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW	HAW	NRH 9-C	1935	6	72



DESIGNED BY	DATE
DRAWN BY	1934
CHECKED BY	1935
APPROVED BY	1935
ORIGINAL	1935

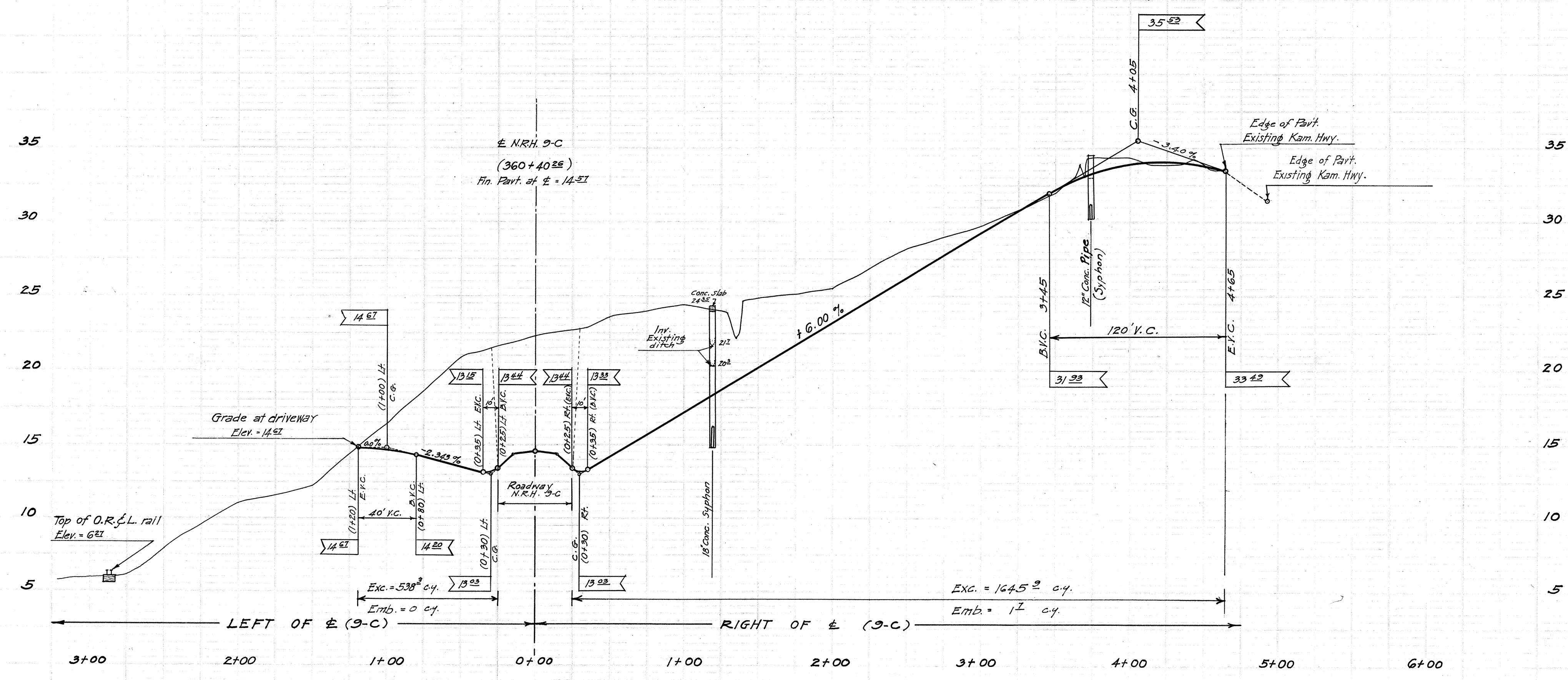
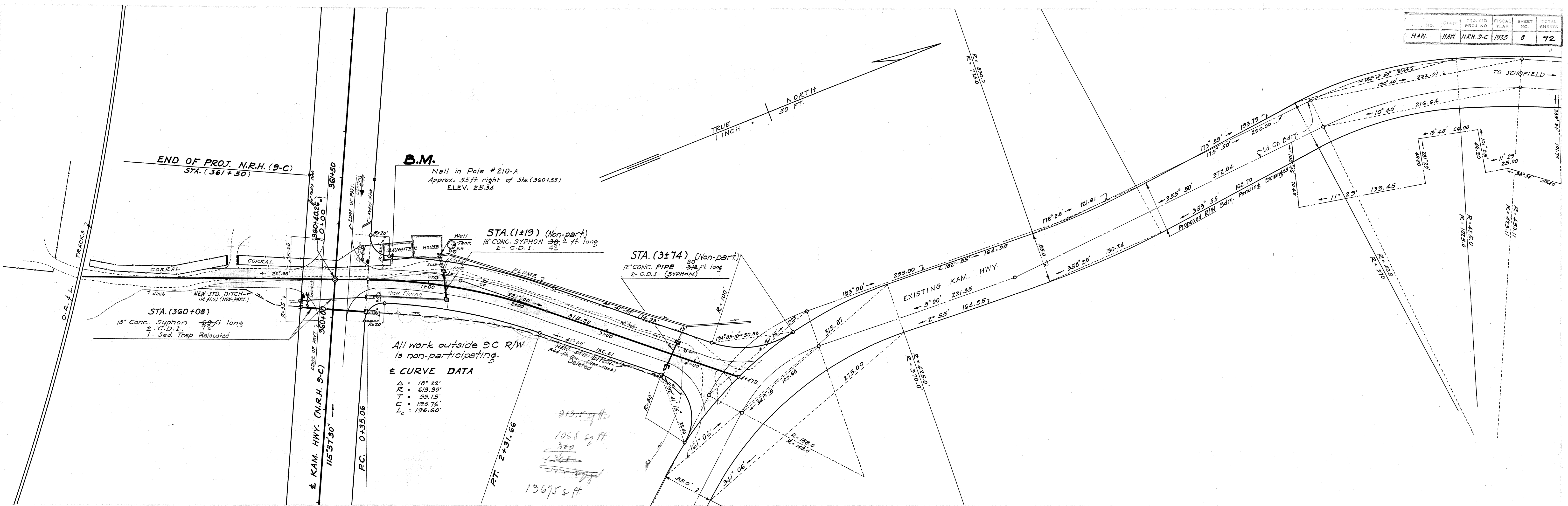
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
RELOCATION OF INDUSTRIAL TRACK CROSSINGS
STA. (313±00 TO 325±00)
SIDE ROAD CONNECTION STA. (319±52)
STRUCTURES & PIPE LINE CROSSING STA. (311 - 321)
PAVED GUTTERS STA. (312±00 - 320±75)
KAM. HIGHWAY USPW. PROJ. NO. N.R.H. (9-C) 1935
SHEET 1 OF 1 SHEET

Revised June 1936



4325.7

STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	HAW. NR.H. 9-C	1935	8	72



PLAN AND PROFILE
FOR
CROSS ROAD AT STA. (360±40±)
 KAM. HWY. U.S.P.W. PROJ. NO. NR.H. (9-C)
 SHEET 1 OF 1 SHEET

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