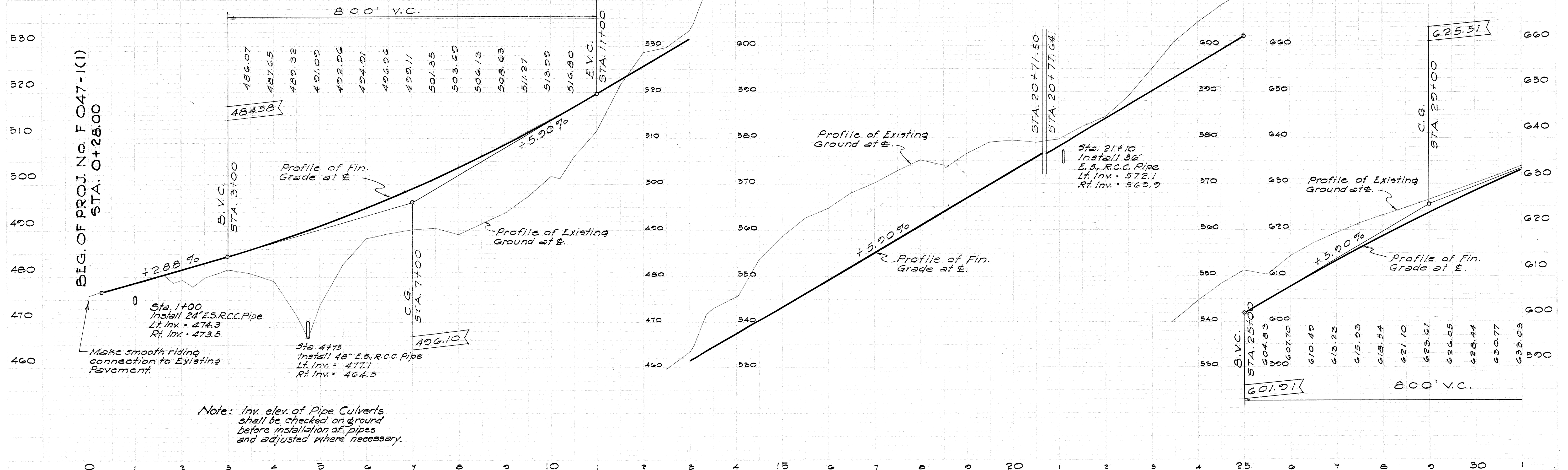
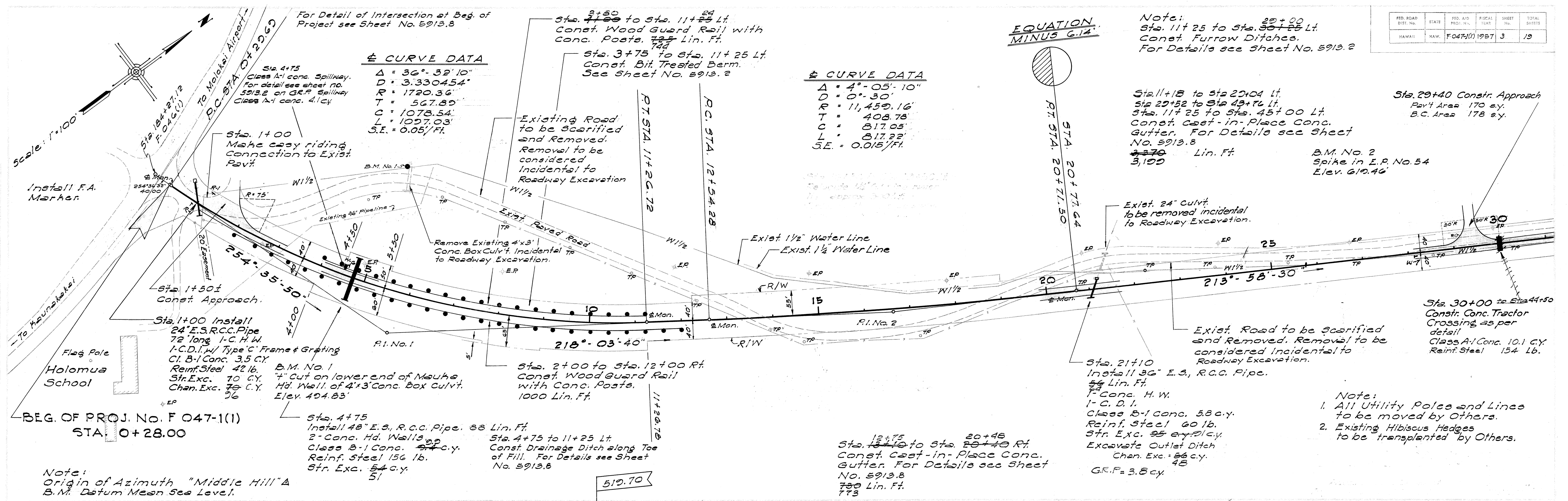


FED. ROAD DIST. No.	STATE	FED. AID PROJ. N's.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	F047-1(1)	1957	3	19



Note: Inv. elev. of Pipe Culverts shall be checked on ground before installation of pipes and adjusted where necessary.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F047-101	1957	4	19
8-30-57					

Note: 39+00 to Sta. 41+00 to Sta. 43+00 Lt.
Construct Furrow Ditches.
For Details see Sheet No. 5913.2

Sta. 16+00 to 17+50 and 24+50 to 40+25
Sta. 16+00 to Sta. 50+50 R.
Relocate Existing Water Lines
outside the R/W.
3550 Lin. Ft. 1/4"
3550 Lin. Ft. 1/4"
3520 Lin. Ft. 1/2"
1365 Lin. Ft. 1/4"

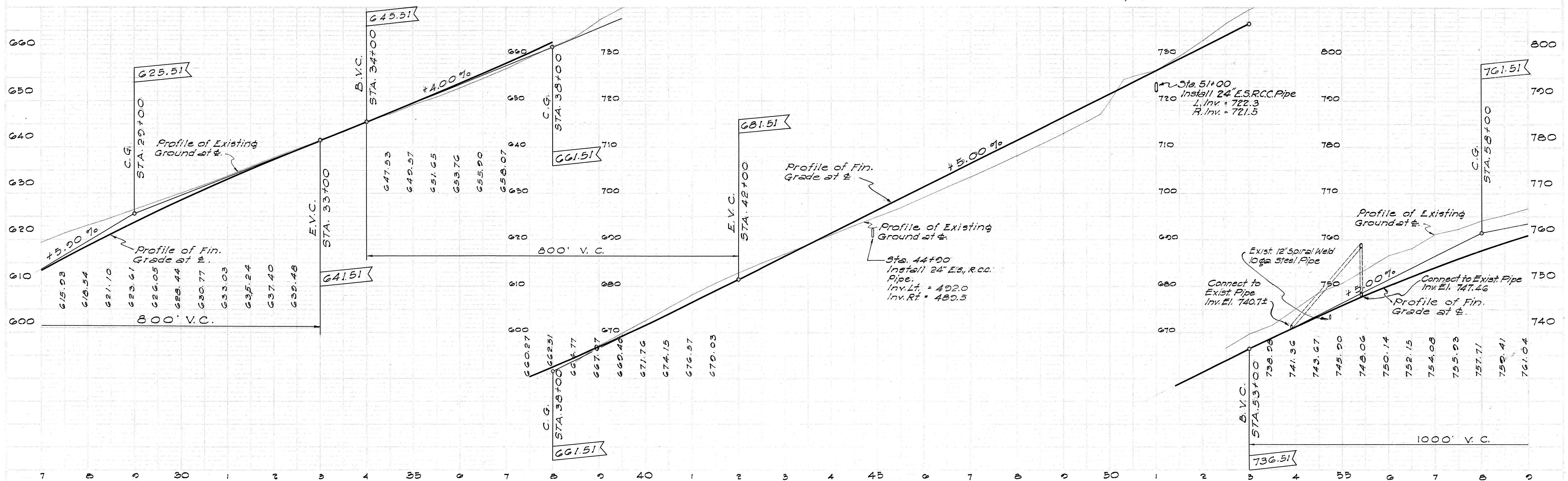
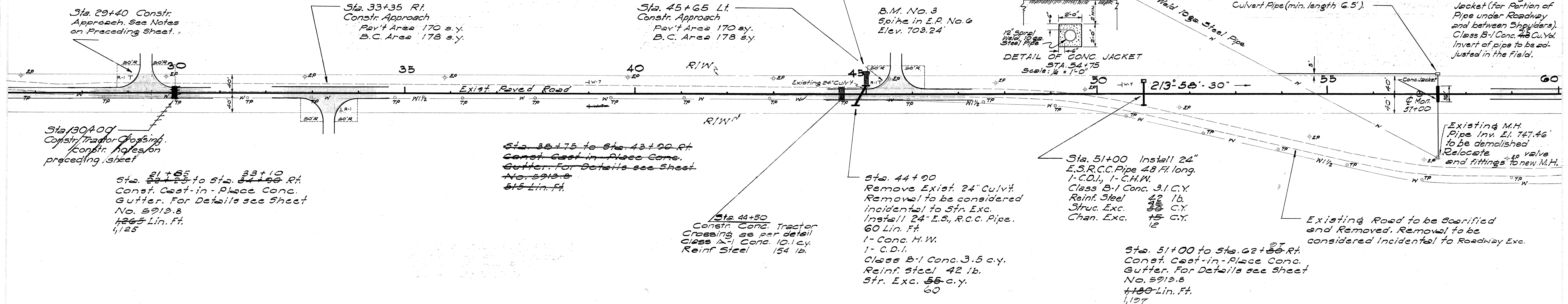
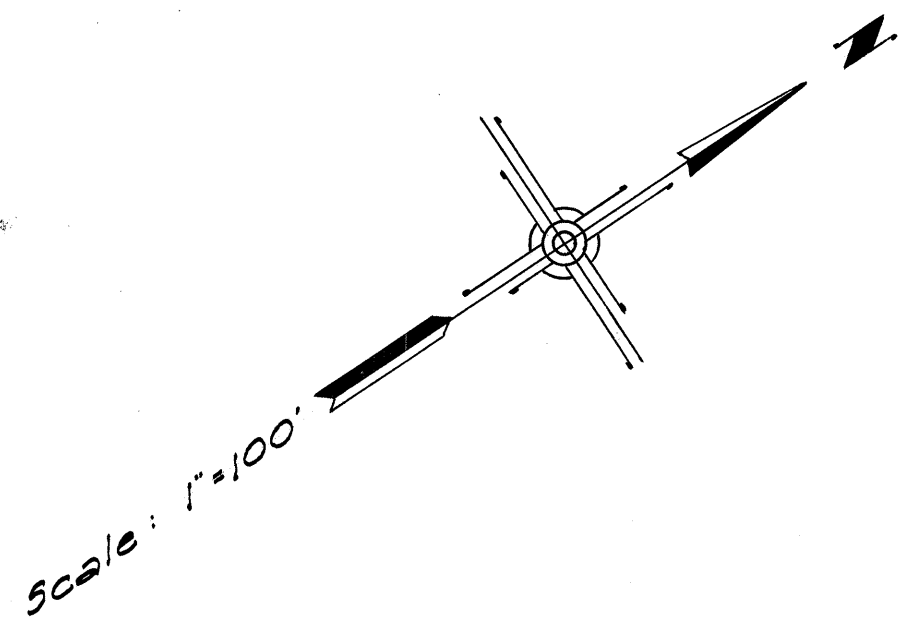
Sta. 45+00 to Sta. 64+51 Lt.
Const. Cast-in-Place Conc.
Gutter. For Details see Sheet
No. 5913.8
+910 Lin. Ft.
1327

Note: 64+00 to Sta. 64+51 Lt.
Const. Furrow Ditches. For
Details see Sheet No. 5913.2

Note:
Location of third Concrete
Tractor Crossing to be determined
at time of road construction.

Sta. 53+90 to Sta. 57+40
Relocate Exist. 12" Spiral
Weld Steel Pipe. 372
Exist. Pipe = 390 Lin. Ft.
New Pipe = 140 Lin. Ft.
Struc. Exc. = 755 Cu. Yd.
Provide 36' long Conc.
Jacket (for Portion of
Pipe under Roadway
and between 5' shoulders).
Class B-1 Conc. 42 Cu. Yd.
Invert of pipe to be ad-
justed in the field.

Construct New M.H. and
relocate valve and fittings from
exist. Manhole. Existing M.H. is
a box 5' x 7.5' x 6.5' deep with std.
8" conc. hollow block walls or 48"
Culvert Pipe (min. length 6.5').



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FO47(1)	1957	5	19

