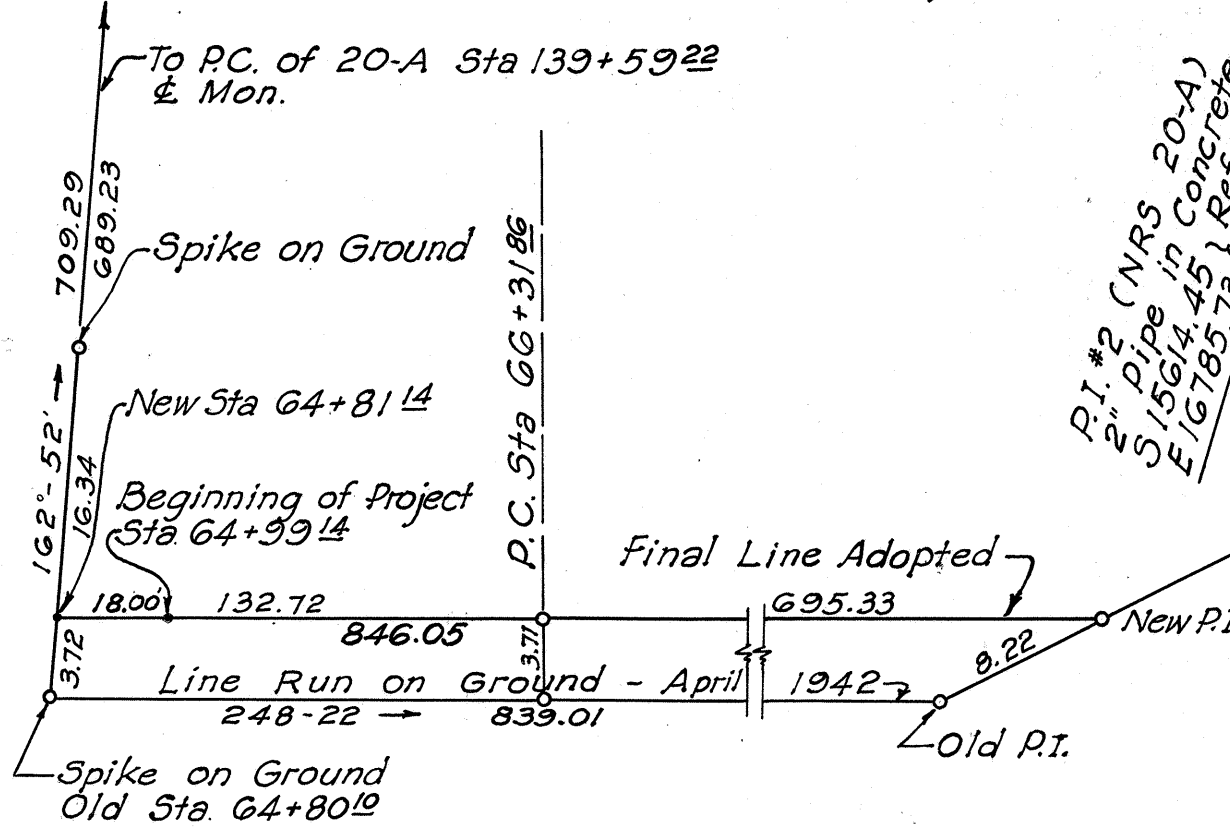


LIST OF COMMON ABBREVIATIONS

C.R.M.-----Cement rubble masonry
 C.R.M.H.W.-----Cement rubble masonry headwall
 Conc. Culvt.-----Circular concrete culvert which is either (a) cast-in-place circ. conc. culvt or (b) conc. pipe culvert.
 Box Culvert-----Reinforced concrete culvert as detailed

NOTE TO RESIDENT ENGINEER

The terrain on which this project is located is very flat and the irrigation flow is a serious problem. Consult with the plantation (Mr. J. B. Menardi) on irrigation details. These plans have been worked out with him, but locations and inverts are approximate only. Consult plantation (Mr. S. M. Miller) on concrete tractor and industrial track crossing - approximately shown on map.



NOTES FOR CONSTRUCTION STAKEOUT

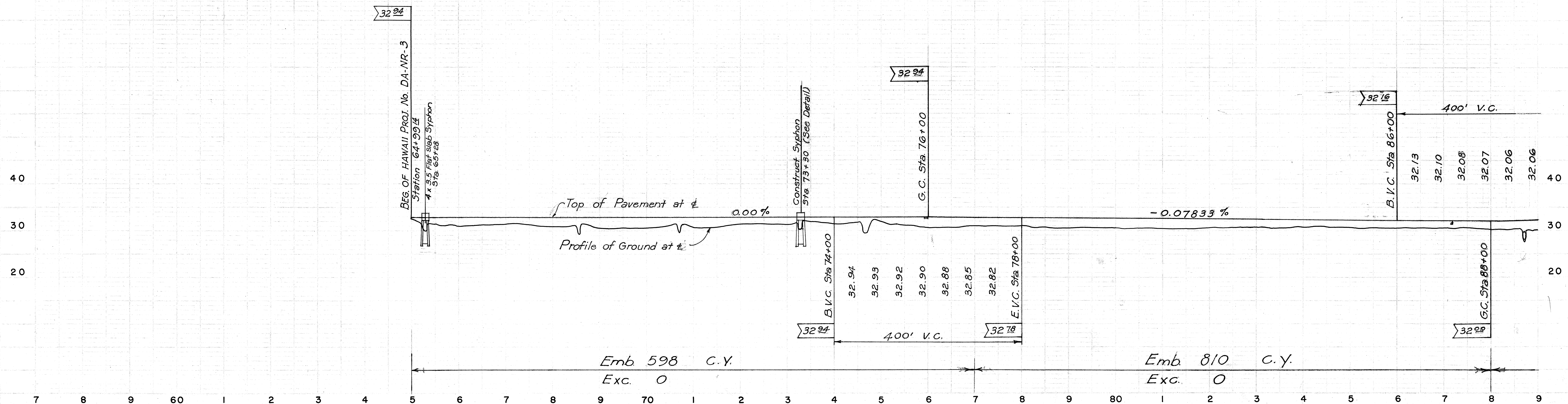
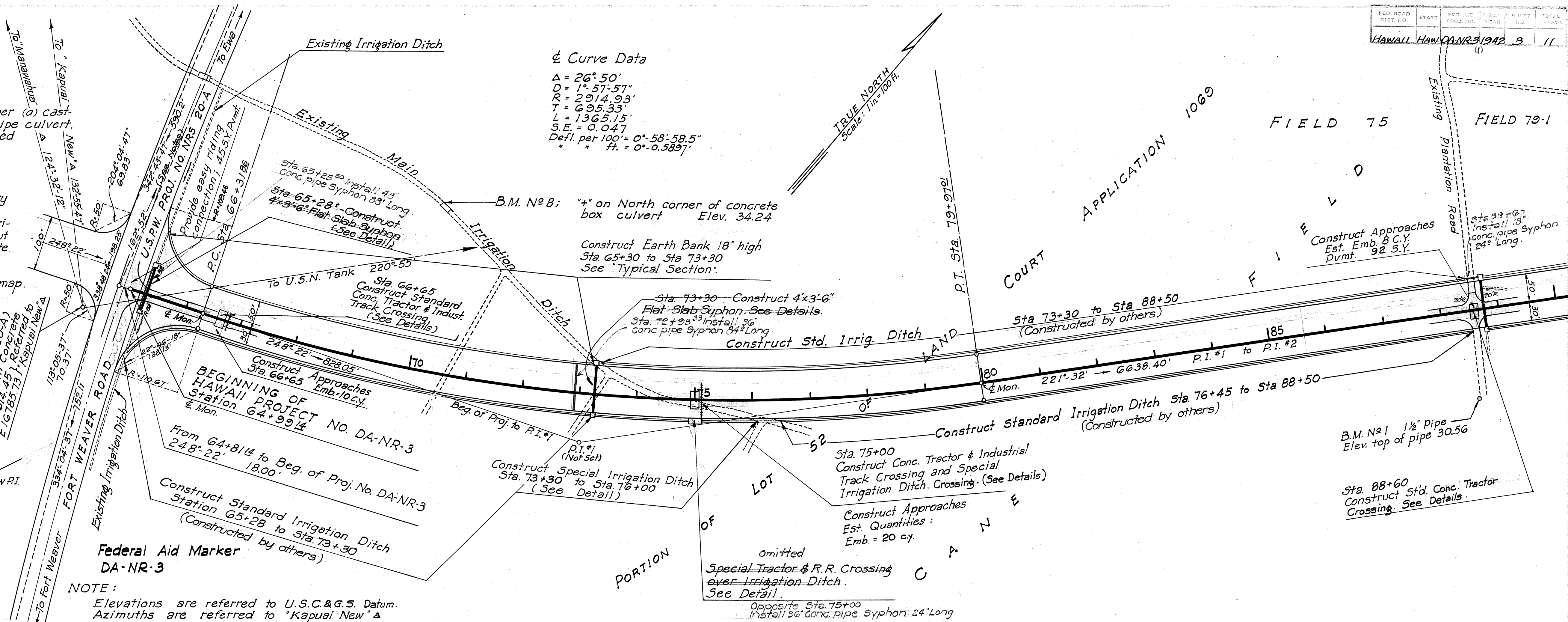
30' RWT

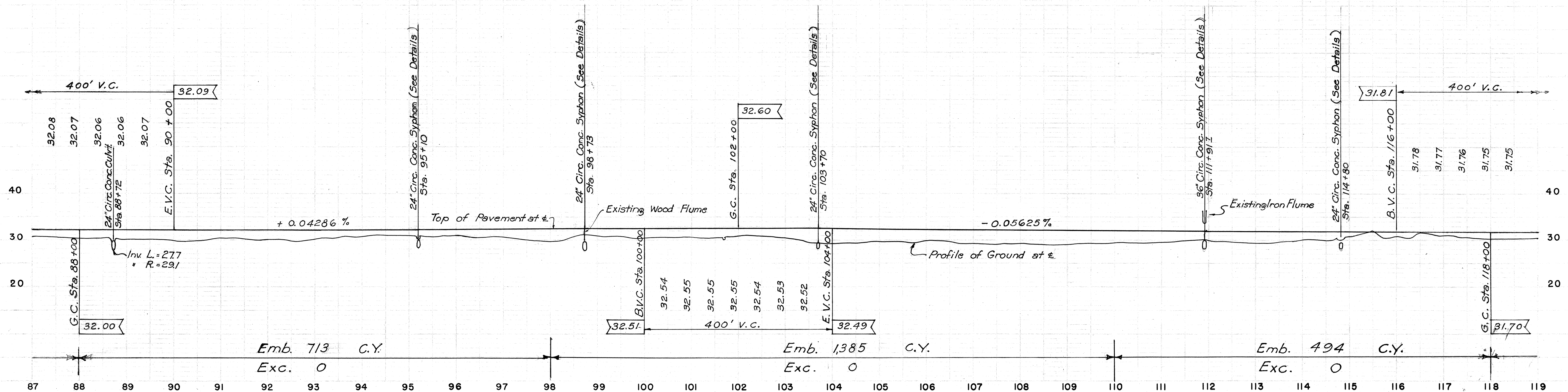
NOTE:

Elevations are referred to U.S.C. & G.S. Datum.
 Azimuths are referred to 'Kapuai New' Δ

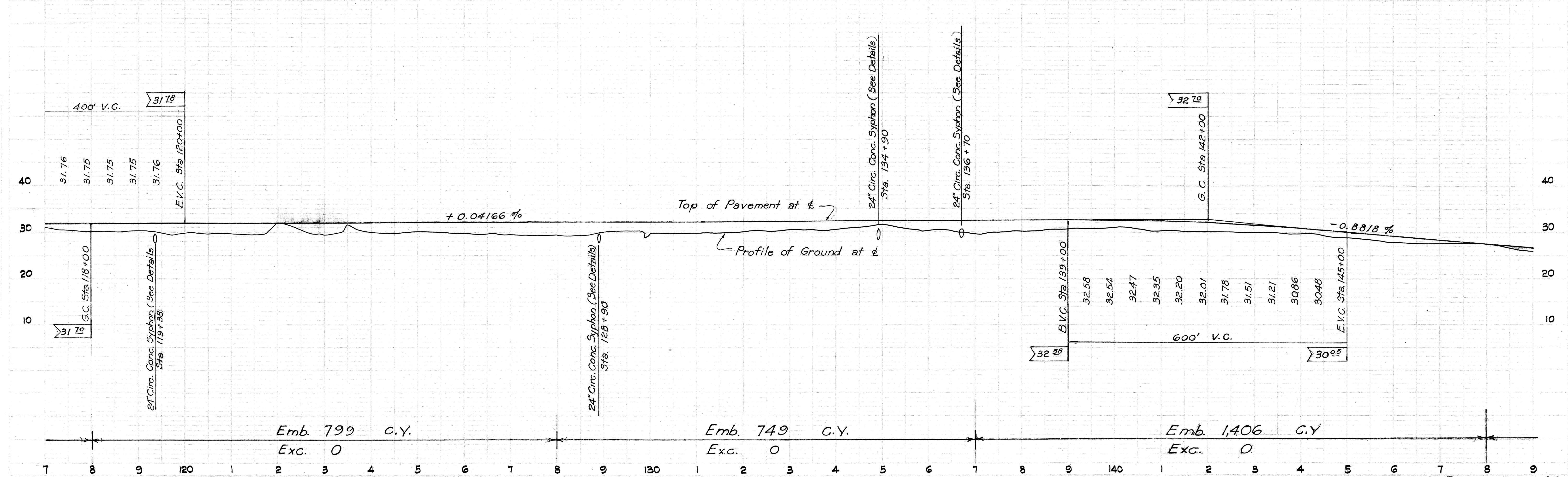
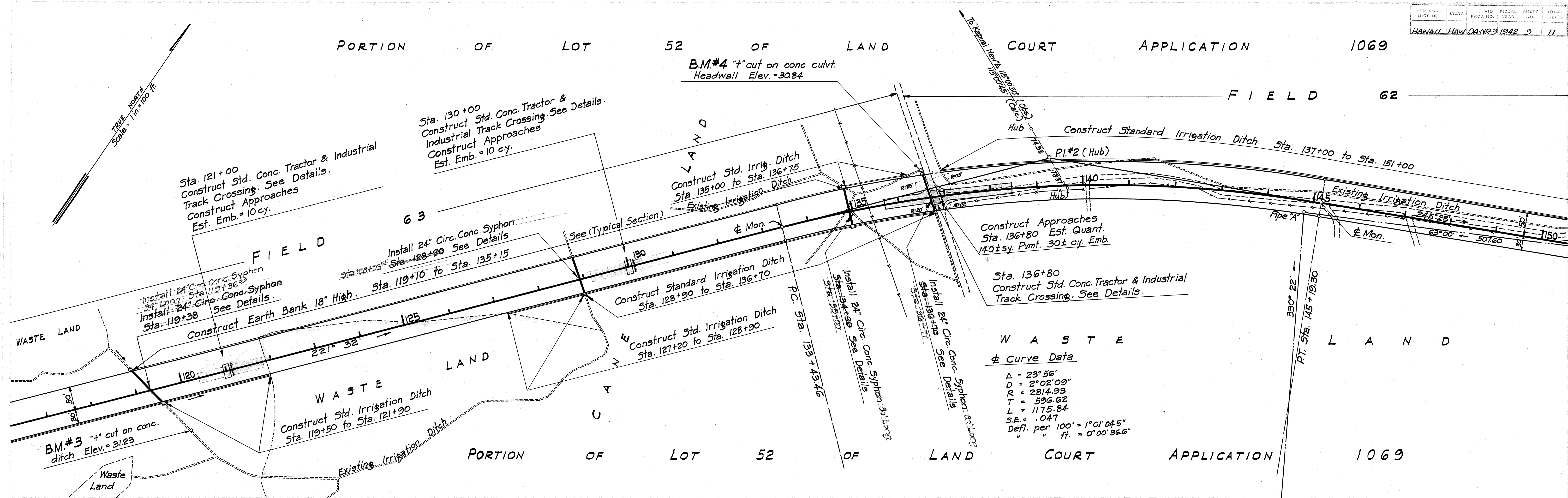
Curve Data

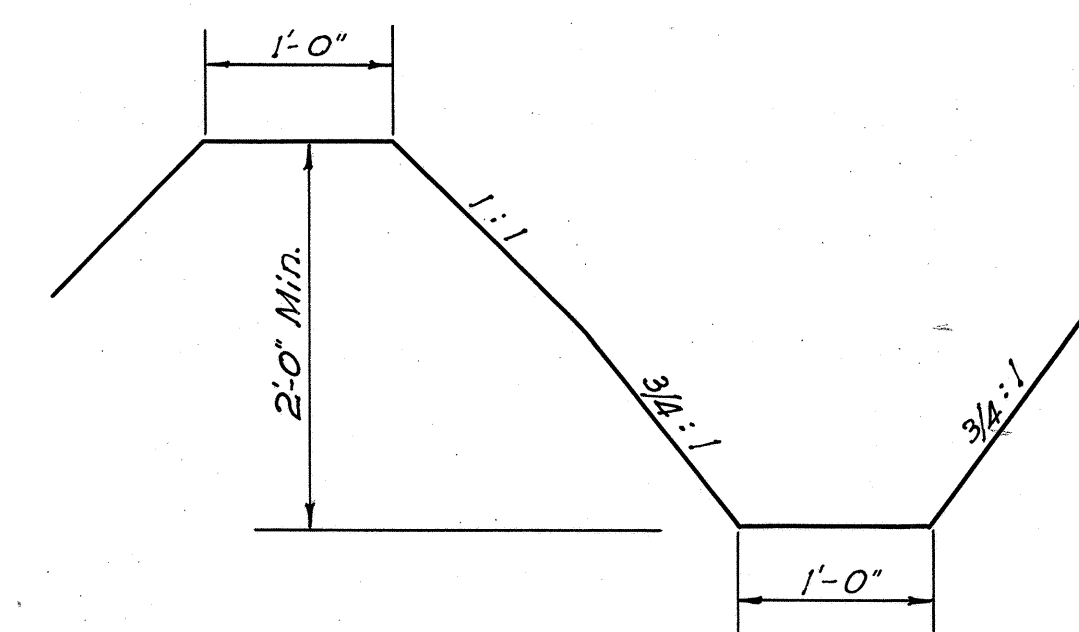
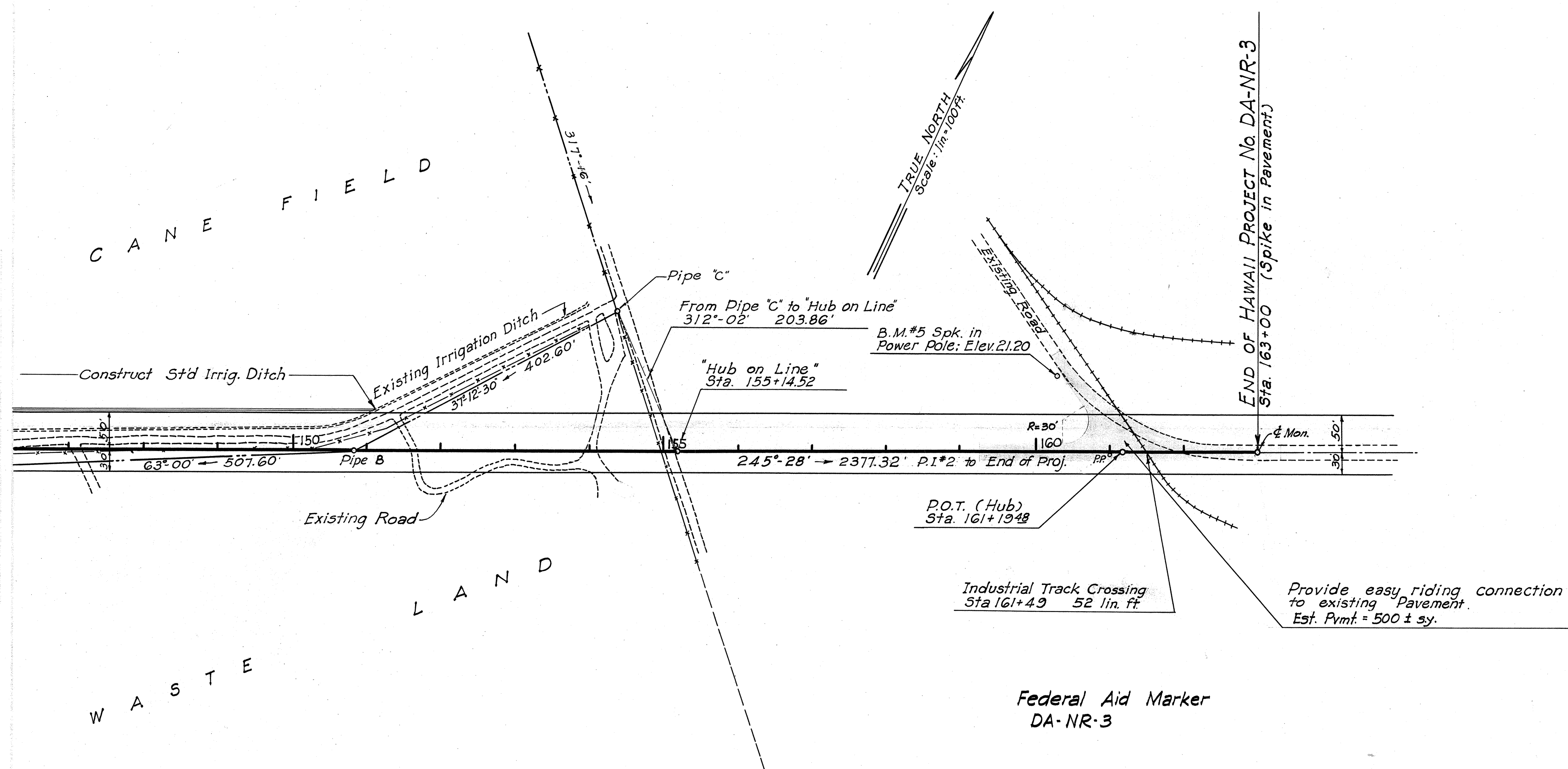
Δ = 26° 50'
 D = 1° 57' 57"
 R = 2914.93'
 T = 695.33'
 L = 1365.15'
 S.E. = 0.047
 Defl. per 100' = 0° 58' 58.5"
 ft. = 0° 0.5897'



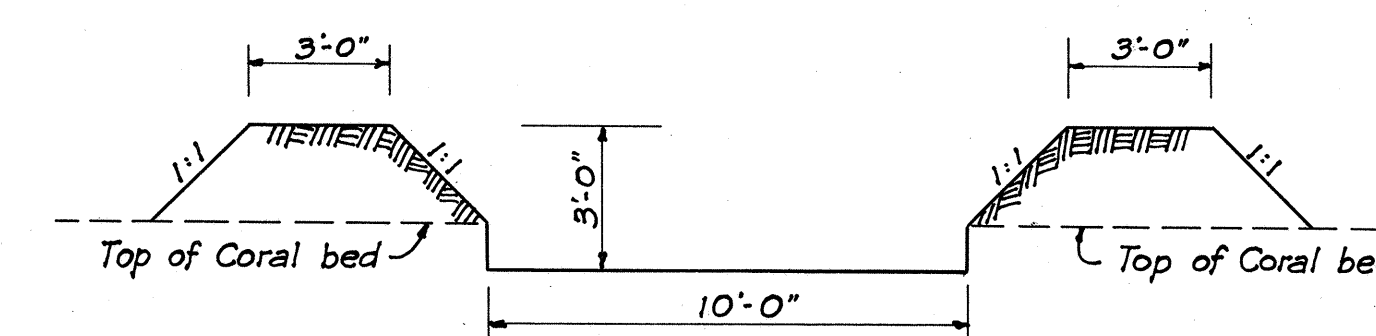


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	DA-NR-3	1942	5	11





TYPICAL SECTION OF
STANDARD IRRIGATION DITCH
Scale: 1"=1'-0"



SECTION OF SPECIAL IRRIGATION DITCH
Scale: $\frac{1}{4}'' = 1'-0''$

