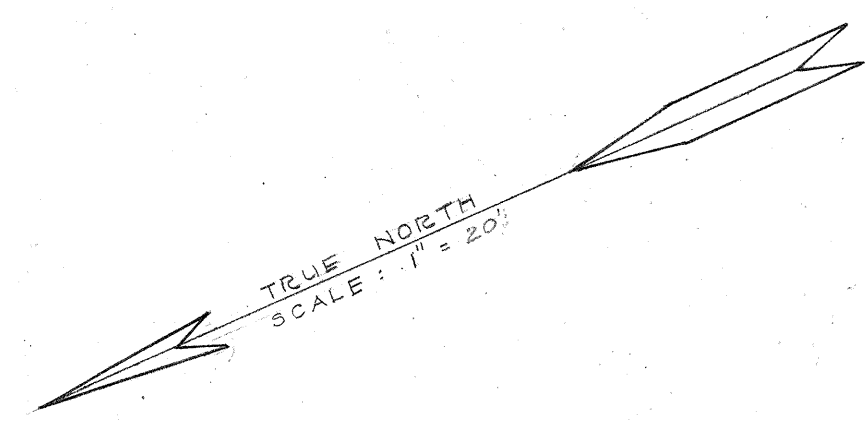


FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	H.W.	5-0130(2)	1964	5	19



Edge of Pav't. Curve Data
 $\Delta = 68^{\circ}00'$
 $\frac{1}{2}\Delta = 34^{\circ}00'$
 $D = 200'$
 $R = 134.90'$
 $T = 237.36'$
 $Lc = 237.36'$
 $Def. per ft. = 0^{\circ}08.594'$
 $25' Arc = 3^{\circ}34.86'$ Chd. = 24.95

Edge Pav't. Curve Data
 $\Delta = 1^{\circ}06'$
 $\frac{1}{2}\Delta = 0^{\circ}33'$
 $D = 30'$
 $R = 1,909.86'$
 $T = 18.33'$
 $Lc = 36.67'$

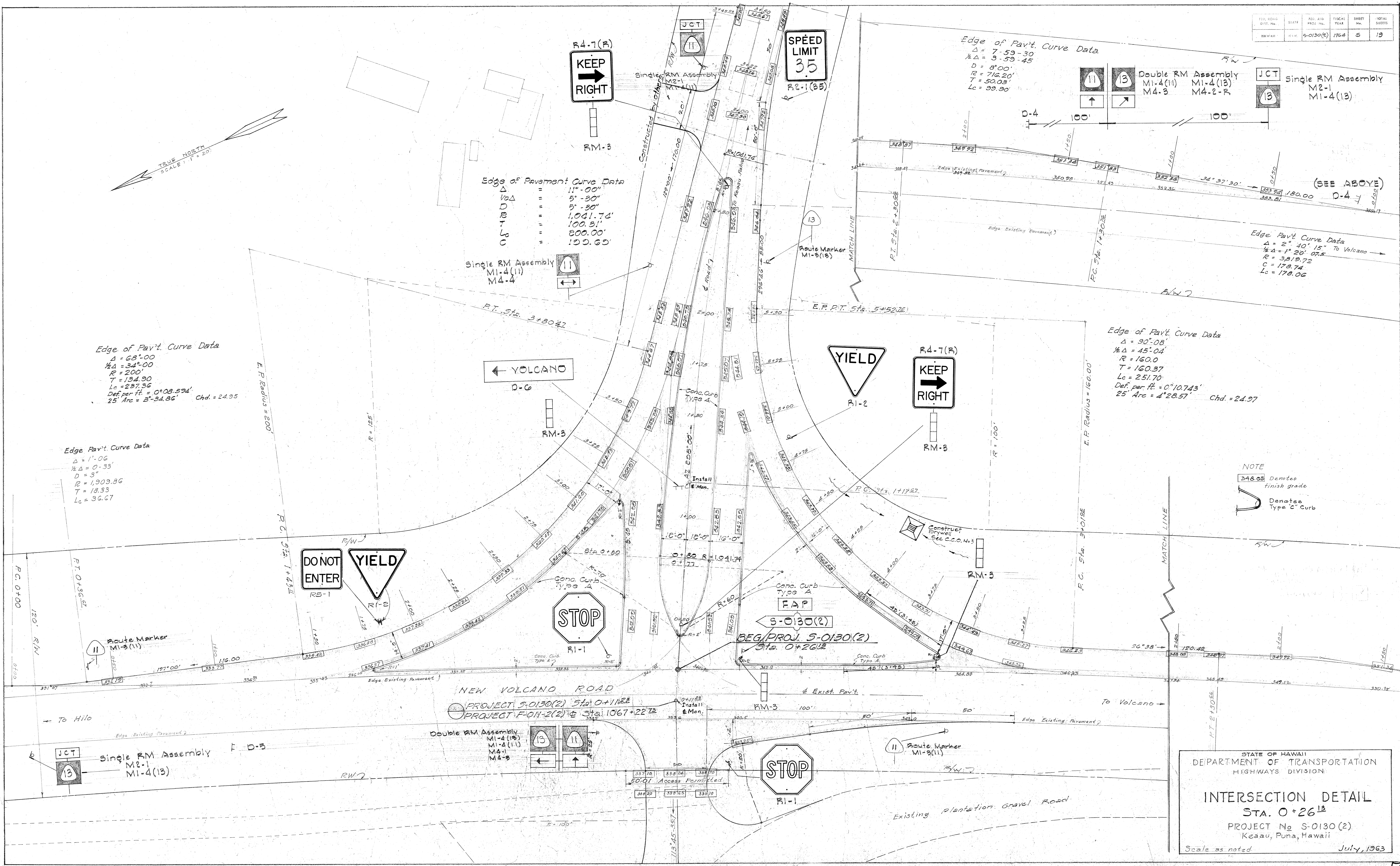
Edge of Pav't. Curve Data
 $\Delta = 11^{\circ}00'$
 $\frac{1}{2}\Delta = 5^{\circ}30'$
 $D = 5^{\circ}30'$
 $R = 1,041.74'$
 $T = 100.31'$
 $Lc = 800.00'$
 $100.60'$

Edge of Pav't. Curve Data
 $\Delta = 7^{\circ}59'30''$
 $\frac{1}{2}\Delta = 3^{\circ}59'45''$
 $D = 8^{\circ}00'$
 $R = 716.20'$
 $T = 50.03'$
 $Lc = 99.90'$

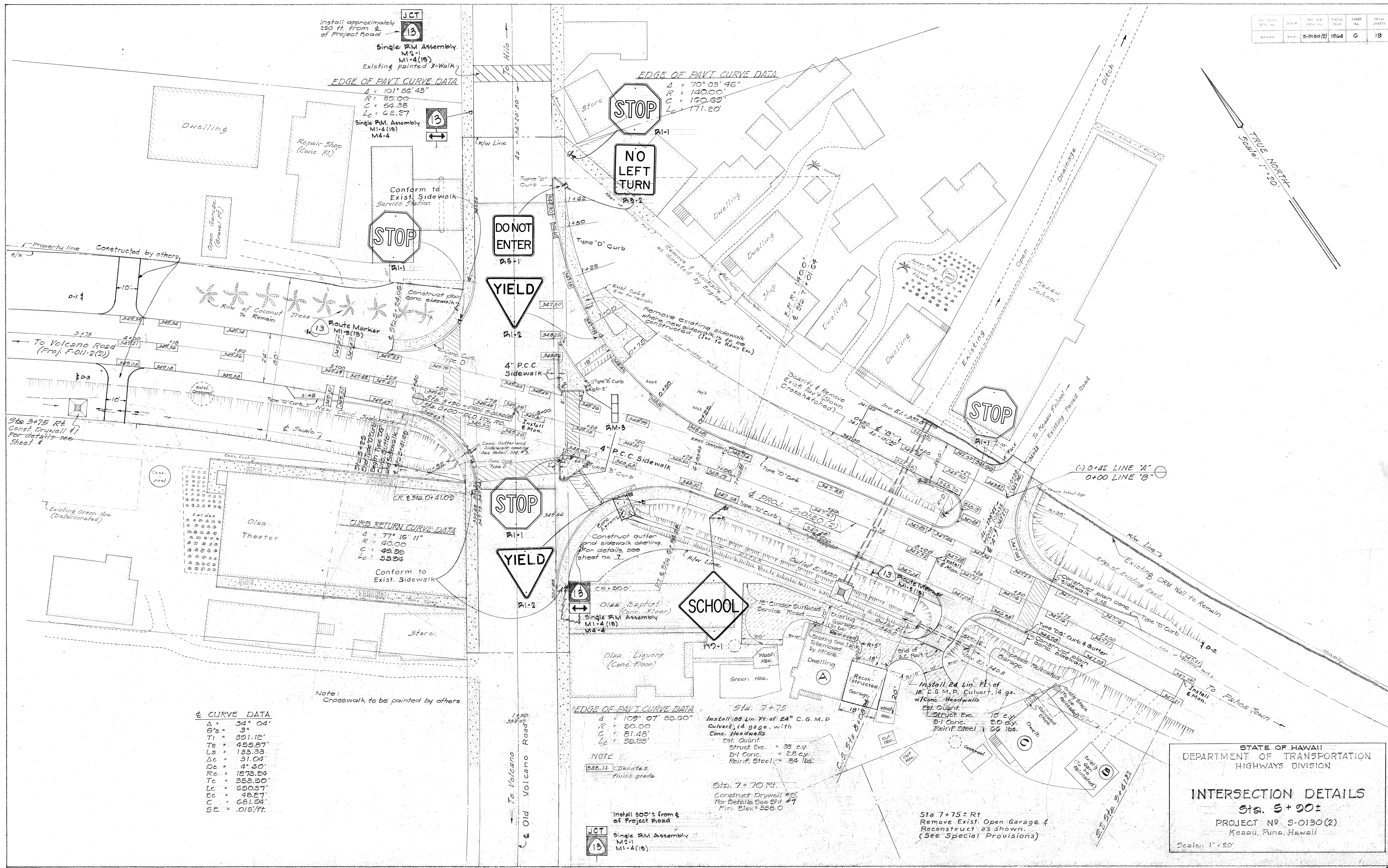
Edge Pav't. Curve Data
 $\Delta = 2^{\circ}40'15''$ To Volcano
 $\frac{1}{2}\Delta = 1^{\circ}20'07.5''$
 $R = 3,819.72'$
 $C = 179.74'$
 $Lc = 179.06'$

Edge of Pav't. Curve Data
 $\Delta = 90^{\circ}08'$
 $\frac{1}{2}\Delta = 45^{\circ}04'$
 $R = 160.0'$
 $T = 160.37'$
 $Lc = 251.70'$
 $Def. per ft. = 0^{\circ}10.743'$
 $25' Arc = 4^{\circ}28.57'$ Chd. = 24.97

NOTE
 348.05 Denotes finish grade
 Denotes Type 'C' Curb



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
INTERSECTION DETAIL
 STA. 0+26.12
 PROJECT No. S-0130(2)
 Keaau, Puna, Hawaii
 Scale as noted July, 1963



± CURVE DATA

Δ =	34° 04'
θ =	3°
T1 =	391.12'
T2 =	459.67'
L2 =	133.33'
ΔC =	31.04'
DC =	4' 30"
RC =	1273.24'
TC =	353.90'
LC =	620.37'
EC =	48.27'
C =	681.94'
SE =	.015'/ft.

Note: Crosswalk to be painted by others.

EDGE OF PAVT. CURVE DATA
 Δ = 109° 07' 35.00"
 R = 30.00'
 C = 81.48'
 LC = 95.23'

NOTE
 555.11 Denotes finish grade

JCT
 13
 Single P.M. Assembly
 M2-1
 M1-4(13)

Sta. 7+75
 Install 60 Lin. Ft. of 24" C.G.M.P. Culvert, 14 gage, with Conc. Headwalls
 Est. Quant. = 33 c.y.
 B-1 Conc. = 2.8 c.y.
 Reinf. Steel = 84 lbs.

Sta. 7+70 Rt.
 Construct Drywell #25
 For Details See Sht. #7
 Fin. Elev. = 355.0

Sta. 7+75± Rt.
 Remove Exist. Open Garage & Reconstruct as shown.
 (See Special Provisions)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

INTERSECTION DETAILS
 Sta. 5+20±
 PROJECT NO. S-0130(2)
 Keesau, Puna, Hawaii
 Scale: 1" = 20'