

B.M.#1. 232.96
Iron Bolt in Concrete ~ 86 ft Left of Sta. 1256 + 90

NOTE! All buildings within the new Rights-of-Way shall be moved by others.
All azimuths referred to Hala Triangle Station.

True North
Scale: 1" = 100'

SEE INTERSECTION DETAIL
SHEET NO 5398.8

RESERVE

HILO ELECTRIC LIGHT CO., LTD., 30' R/W
14 Strands Barbwire Fence ~ U.S. Army
B.M.#1 El. 232.96
(See Note above)

Existing Underground Telephone Cable Line. 3 ft. East of existing Pav't ~ 18" min. depth.
Type "B" & "C" Cast-in-Place Concrete Curbing E.W.O. N81 7

Std. Cast-in-Place Concrete Road Curb App. 225 Lin. Ft.
R-1

Install F. A. Marker
F2(3)

FOREST

NOTE! Construct smooth and easy riding connection to present road.

TEMPORARY CONNECTION TO PRESENT ROADWAY
CURVE DATA
 $\Delta = 12^\circ 36' 39.63"$
 $\frac{1}{2}\Delta = 6^\circ 18' 19.84"$
 $D = 2^\circ 58' 8.9"$
 $R = 1,929.71'$
 $T = 213.23'$
 $Lc = 424.37'$
 $S.E. = 0.068$ per ft.

Note:

Plans contemplate drainage structures for a four-lane divided highway. During construction, only those items required for a two-lane highway will be installed. Quantities will be adjusted after the award of contract. Approx. quantities to be deducted are:

Item 2001-Uncl. Exc. = 1331 C.Y.
2002-Struc. Exc. = 129 C.Y.
2032-Class "B-1" Conc. = 42.0 C.Y.
2033-Class "A-1" Conc. = 100.0 C.Y.
2031-Reinf. Steel = 14,020 LB.
2051-24" Conc. Pipe Culvert = 158 Lin. Ft.
2055-36" Conc. Pipe Culvert = 110 Lin. Ft.
2181-Type "C" Cast-iron Frame & Grate = 7

CURVE DATA

± ROADWAY

$\Delta = 15^\circ 23' 10.32"$
 $\frac{1}{2}\Delta = 7^\circ 41' 35.16"$
 $D = 0.9957^\circ$
 $R = 5,754.58'$
 $T = 777.34'$
 $Lc = 1,545.33'$
 $S.E. = 0.024$ per ft.

PANAENWA

NOTE: Construct portion of future roadway prism to provide cover for all culverts.

SOIL LEGEND

Brown Organic Clay
Clay Pepeekeo Type
AA Agglomerate
AA Layer
Pahoehoe



Profile of Ground at ±

-0.9%

-1.40%

Finished ± Gr.

Profile of Ground at ±

-2.4970%

200 V.C.

2000 V.C.

FREE HAUL = 25 CY	FREE HAUL = 610 CY	WASTE = 610 CY SEE O.H. SUM.	FREE HAUL = 2810 CY	SEE OVERHAUL SUMMARY	SEE O.H. SUM.	SEE O.H. SUM.
Exc. = 75.1 C.Y. EMB. = 70.5 C.Y.	Exc. = 723.4 C.Y. EMB. = 632.7 C.Y.	Exc. = 7600 C.Y. EMB. = 9 C.Y.	Exc. = 1,838.4 C.Y. EMB. = 0	Exc. = 3,221.0 C.Y. EMB. = 3,287.3 C.Y.	Exc. = 6,094.1 C.Y. EMB. = 834.5 C.Y.	Exc. = 1,841.5 C.Y. EMB. = 0



