

True North
Scale: 1"=20'

Sta. 237+00± to Sta. 240+00± Lt.
Plant Oleander plants as shown.
Exact plant location shall be determined in the field.
Est. Quant.
Oleander Plants = 17 Ea.

Sta. 236+12 to Sta. 239+80 Lt.
Construct Standard 5' Chain Link Fence as shown.
Est. Quant. = 367.5
5' Chain Link Fence = 368 L.F.

Sta. 237+30± to Sta. 240+90± Lt.
Replace Existing 1/8" Domestic Water Line w/1/8" Galv. Iron Pipe.
Est. Quant.
Exc. = 20 C.Y. 29.4
1/8" G.I. Pipe = 380 L.F. 359.1

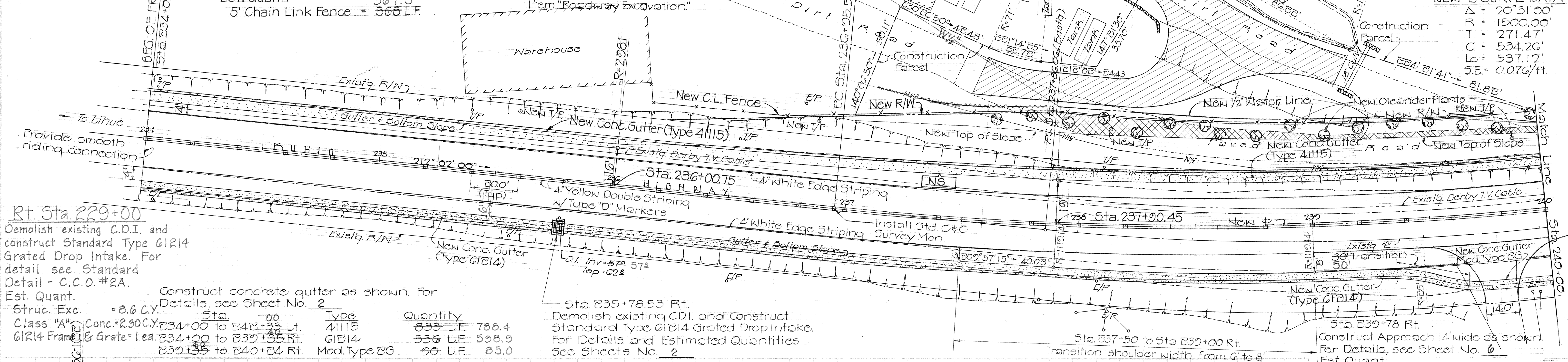
Sta. 237+70± to Sta. 240+60± Lt.
Scarify and Remove Existing AC Pavt. (Cross Hatched) as shown. This work will not be paid for separately but shall be considered incidental to Item "Roadway Excavation."

Sta. 237+50± to Sta. 239+10± 1/2 Lt.
Connect existing Paved Old Road to existing Dirt Road as shown. (Hatched)
For Details and Estimated Quantities, See Sheet No. 5

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HH5-056-1(22)	1978	3	18

NEW SHDR. DATA		Existing Curve Data	
Δ = 3° 37' 27"	Δ = 20° 31' 00"	Δ = 20° 31' 00"	Δ = 20° 31' 00"
R = 2981.00'	R = 1000.00'	R = 1000.00'	R = 1000.00'
T = 94.31'	T = 180.98'	T = 180.98'	T = 180.98'
C = 188.53'	C = 356.17'	C = 356.17'	C = 356.17'
Lc = 188.57'	Lc = 358.08'	Lc = 358.08'	Lc = 358.08'

NEW CURVE DATA	
Δ = 20° 31' 00"	Δ = 20° 31' 00"
R = 1500.00'	R = 1500.00'
T = 271.47'	T = 271.47'
C = 534.26'	C = 534.26'
Lc = 537.12'	Lc = 537.12'
SE = 0.076/ft.	SE = 0.076/ft.



Rt. Sta. 229+00
Demolish existing C.D.I. and construct Standard Type G1214 Grated Drop Intake. For detail see Standard Detail - C.C.O. #2A.
Est. Quant.
Struc. Exc. = 8.6 C.Y.
Class "A" Conc. = 2.30 C.Y.
G1214 Frame & Grate = 1 Ea.

Construct concrete gutter as shown. For Details, see Sheet No. 2

Sta.	Type	Quantity
234+00 to 240+00 Lt.	41115	833 L.F. 788.4
234+00 to 239+35 Rt.	G1214	536 L.F. 538.9
239+35 to 240+04 Rt.	Mod. Type EG	90 L.F. 85.0

Sta. 235+78.53 Rt.
Demolish existing C.D.I. and Construct Standard Type G1214 Grated Drop Intake.
For Details and Estimated Quantities See Sheets No. 2

Sta. 237+78 Rt.
Construct Approach 14' wide as shown.
For Details, see Sheet No. 6
Est. Quant.
Exc. = 11 C.Y. 21.1
Aq. Subbase Course = 25 C.Y. 15.4
Aq. Base Course = 19 C.Y. 11.5
MC-30 Prime Coat = 36 Gal. 0
AC Pavt. Mix V = 12 Ton 8.0

