

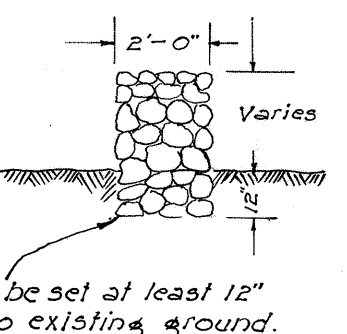
INSTALL F.A. MARKER
5254(1)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	SP254(1)	1954	3	34

- NOTE:
1. All Electric and Telephone Poles to be moved by others.
 2. All Buildings within highway Right-of-way to be moved by others.
 3. From Sta. 3+50 to Sta. 15+00, Remove and Salvage old surfacing materials and Stockpile at places directed by the Engineer.
 4. & Mons. shall be installed according to R/W data.
 5. All B.M.s referred to Mean Sea Level Datum.
 6. All azimuths referred to Nawiliwili and Kilohana Trig. Sta.

Construct Approaches to Side Roads as shown.
See Typical Side Road Approach Details.

Sta.	Pavt Area	B.C. Area	Exc.	Emb.
8+50 L	278.54	278.54	0	755.00
14+50 L	648.54	648.54	0	280.00
17+70 L	33.54	62.54	0	2.00
20+35 L	35.54	63.54	0	0
21+50 L	35.54	63.54	0	0
23+10 L	43.54	50.54	0	0
27+45 L	43.54	47.54	0	45.00
28+10 L	35.54	63.54	0	55.00
28+20 L	35.54	63.54	0	40.00
29+50 R	66.54	107.54	0	10.00
32+30 R	35.54	63.54	0	0
25+20 L	60.54	87.54	0	30.00
21+63 L	63.54	63.54	0	23.00
24+15 L	67.54	64.54	0	21.00



Curve Data
 $\Delta = 45^\circ 31'$
 $\Delta/2 = 22^\circ 45' 30''$
 $R = 1000.00$
 $T = 419.51$
 $C = 773.69$
 $L = 794.42$
 $S.E. = 0.08 \text{ ft. per foot.}$

Curve Data
 $\Delta = 109^\circ 45' 12''$
 $R = 800$
 $T = 1140.77$
 $C = 1510.26$
 $L = 1533.79$
 $S.E. = 0.10 \text{ ft. per ft.}$

Sta. 15+50 to 14+00
Construct Cast-in-place Concrete Curb Type "D".
Approx. 1200 L.F.

Sta. 15+50 to 14+00
Remove Existing 24" Conc. Culvert Pipe and Install New 24" E.S. RCC Pipe.
Est. Quant:
24" E.S. RCC Pipe = 60 L.F.
Class "B-1" Conc. = 220 c.y.
Reinf. Steel = 84 lbs.
Str. Exc. = 22 c.y.
Chan. Exc. = 22 c.y.

Sta. 15+50 to 14+00
Remove Existing 24" Conc. Culvert Pipe and Install New 24" E.S. RCC Pipe.
Est. Quant:
24" E.S. RCC Pipe = 60 L.F.
Class "B-1" Conc. = 220 c.y.
Reinf. Steel = 84 lbs.
Str. Exc. = 22 c.y.
Chan. Exc. = 22 c.y.

B.M. = 224.46
Spike in E.P. 60' left of Sta. 25+25



CURVE DATA
 $\Delta = 51^\circ 31' 15.5''$
 $R = 150$
 $T = 72.55$
 $C = 130.62$
 $L = 135.14$

For Detail of Intersection
See Sht. No. 5668.7

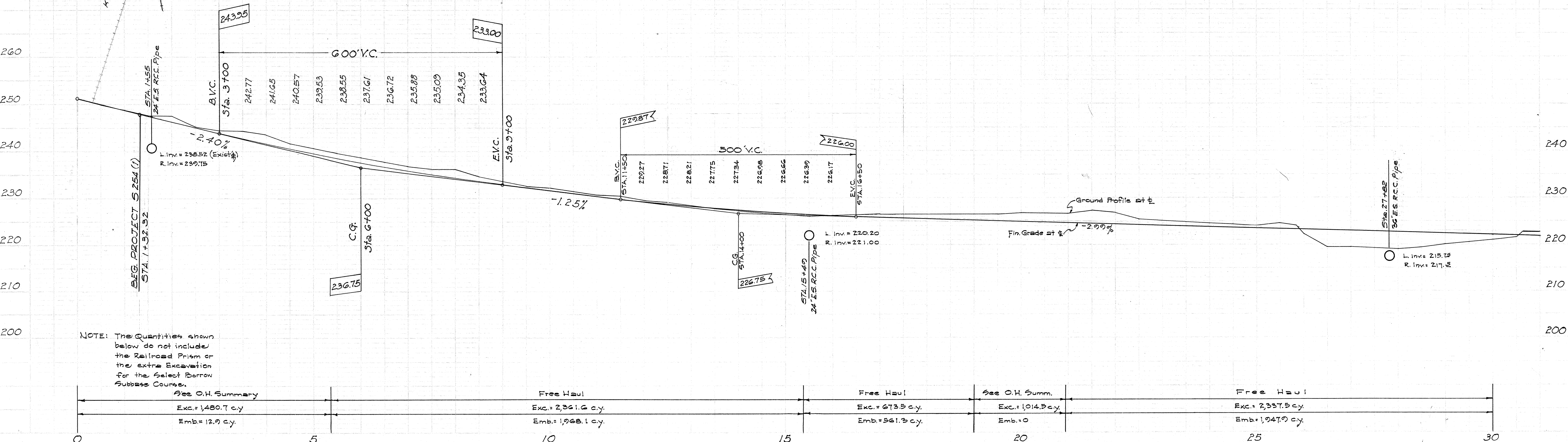
BEG. PROJ. F. 24(2) STA. 0+00
END PROJ. F. 12(17) STA. 320+39.23

Sta. 1+55 Extend Existing 24" Conc. Culvert Pipe, 1-C.D.I.
Est. Quant:
24" E.S. RCC Pipe w/ Conc. collars = 22 L.F.
Class "B-1" Conc. = 22 c.y.
Str. Exc. = 22 c.y.

STA. 310 + 07.99 PROJ. F. 12(17)

4" On Conc. D.I.
B.M. = 247.27

STA. 1+32.32
BEG. PROJ. 5254(1)
PROJECT 5254(1)



B.M. = 273.81
+ on conc. siphon

B.M. = 200.23
Spike in root of pear tree.
34 ft. left of Sta. 46+96

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S254(1)	1954	4	34

Construct Approaches to Side Roads as shown.
See Typical Side Road Approach Details.

Sta.	Pav'l Area	B.C. Area	Exc.	Emb.
35+20 R	64.54	74.54	72.54	80.54
45+05 L	76.54	110.54	86.54	125.54
45+50 R	38.54	115.54	63.54	135.54
50+80 L	38.54	44.54	46.54	15.54
53+75 L	38.54	53.54	56.54	25.54
55+50 L	38.54	44.54	46.54	15.54
59+50 L	76.54	97.54	86.54	20.54

Curve Data
 $\Delta = 3^\circ 45'$
 $\Delta/2 = 1^\circ 52' 30''$
 $R = 6000.00$
 $T = 136.42$
 $C = 392.63$
 $L = 392.70$
 $S.E. = 0.015$ feet per foot

From Sta. 36+00 to Sta. 46+25 (County of Kauai)
From Sta. 36+00 to Sta. 49+50 (Grove Farm Co.)
Lower existing pipe lines
1025 4000 lin. ft. of 4" line
1075 4000 lin. ft. of 4" line
50 lin. ft. lateral 4" line at Sta. 45+70 (Grove Farm Co.)

Remove existing 18" Conc. Pipe Siphon and stockpile at places designated by Engineer.
Install 24" lin. feet of 24" Conc. Pipe Siphon and construct R.C.D.I.
See detail on sheet no. 5668.11
EST. QUANT.
Str. Exc. = 37 cy.
Ditch Exc. = 3 cy.
Class B-1 Conc. = 33 cy.
24" R.C.C. Pipe = 24 lin. ft.
w/ conc. collars = 24 lin. ft.

Railroad Crosscut with Flasher Signal. For Detail, see Sht. N2.5668.10

Grove Farm Co., Ltd. Warehouse

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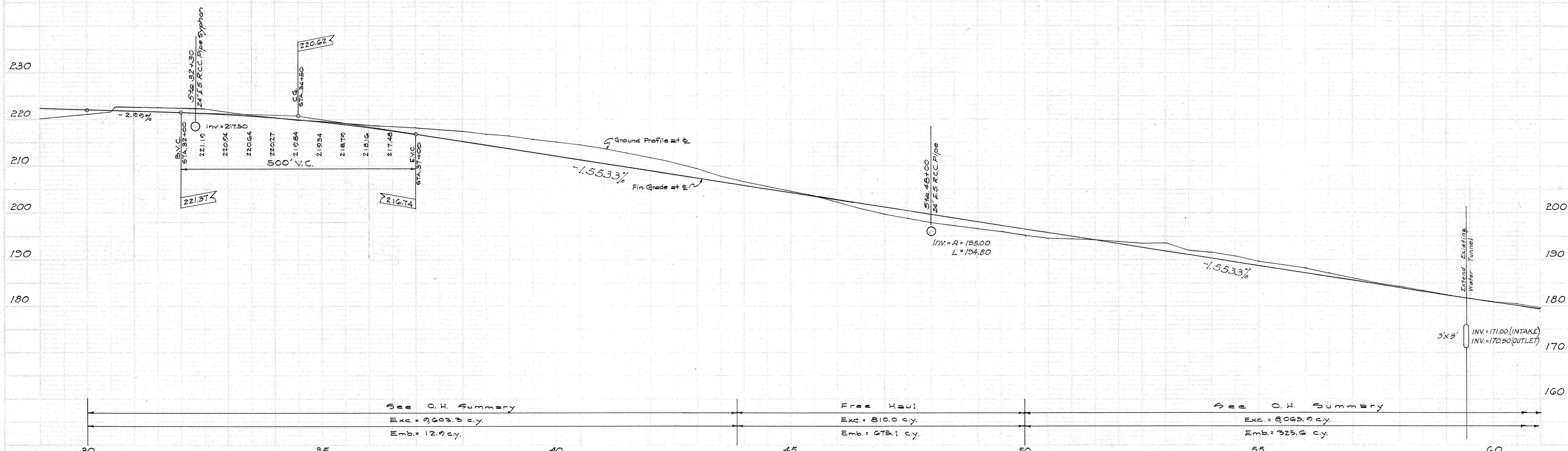
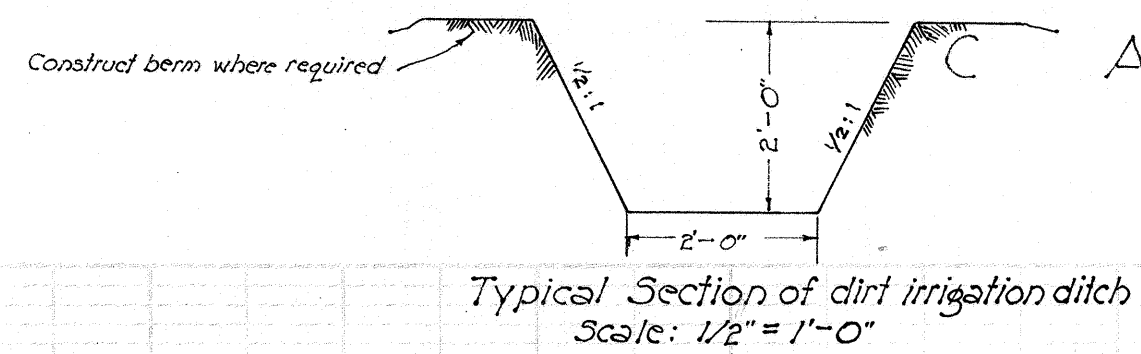
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See O.H. Summary
Exc. = 9,603.3 cy.
Emb. = 12.9 cy.

Free Haul
Exc. = 810.0 cy.
Emb. = 675.1 cy.

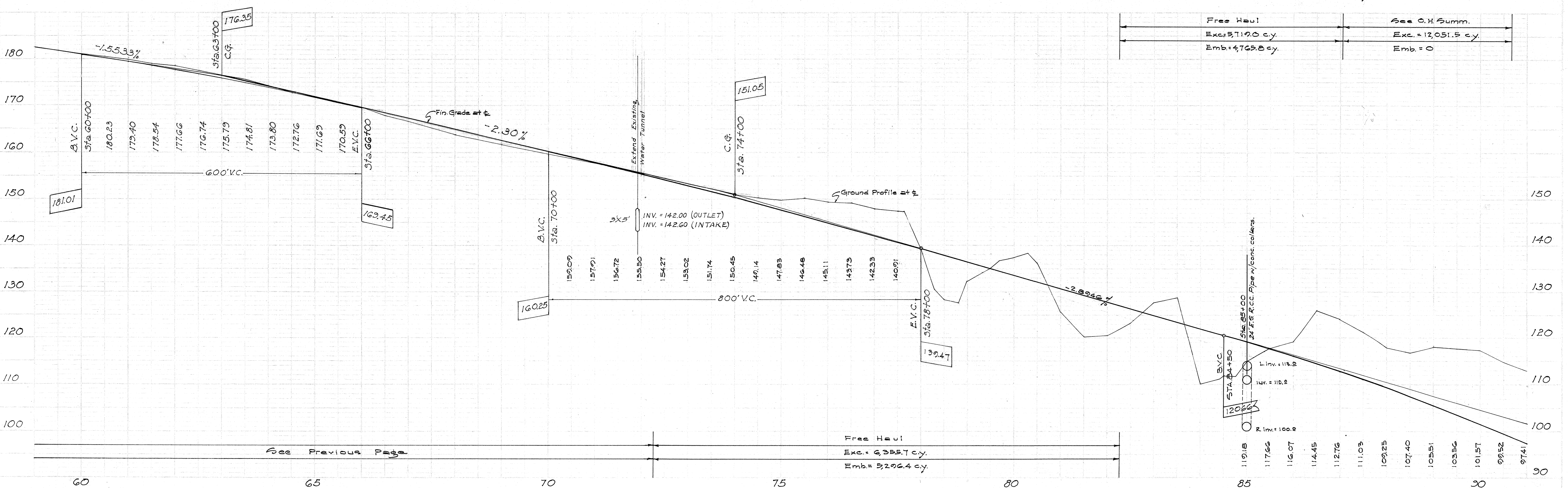
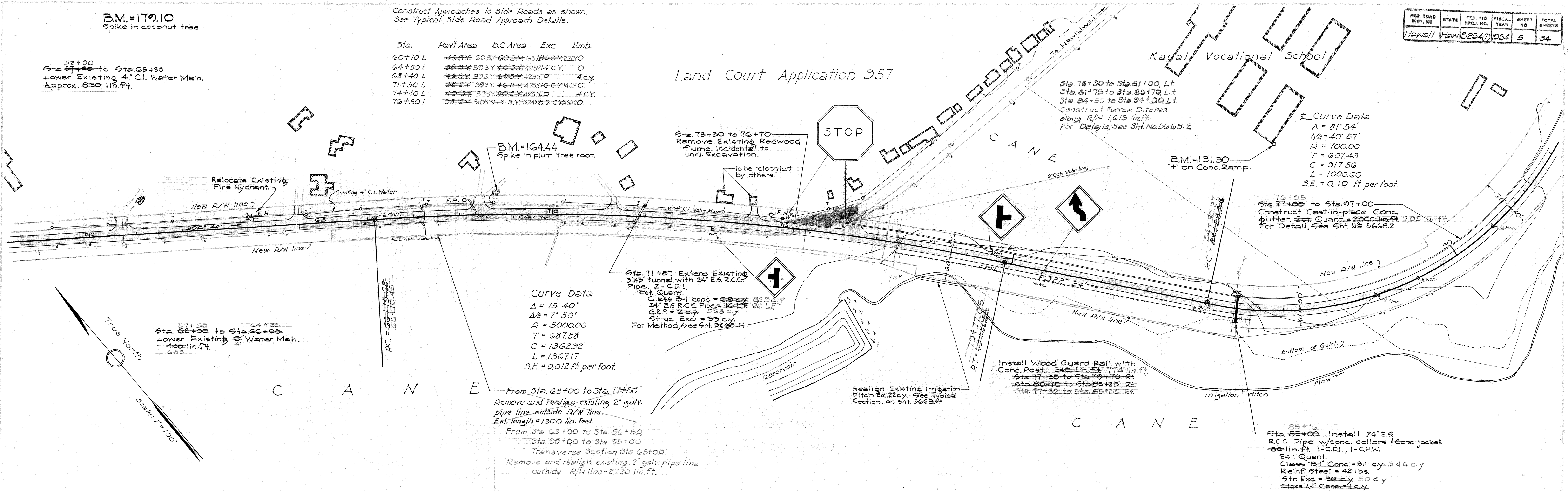
See O.H. Summary
Exc. = 8,063.9 cy.
Emb. = 323.6 cy.

B.M. = 179.10
Spike in coconut tree

Construct Approaches to Side Roads as shown.
See Typical Side Road Approach Details.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	52547	1954	5	34

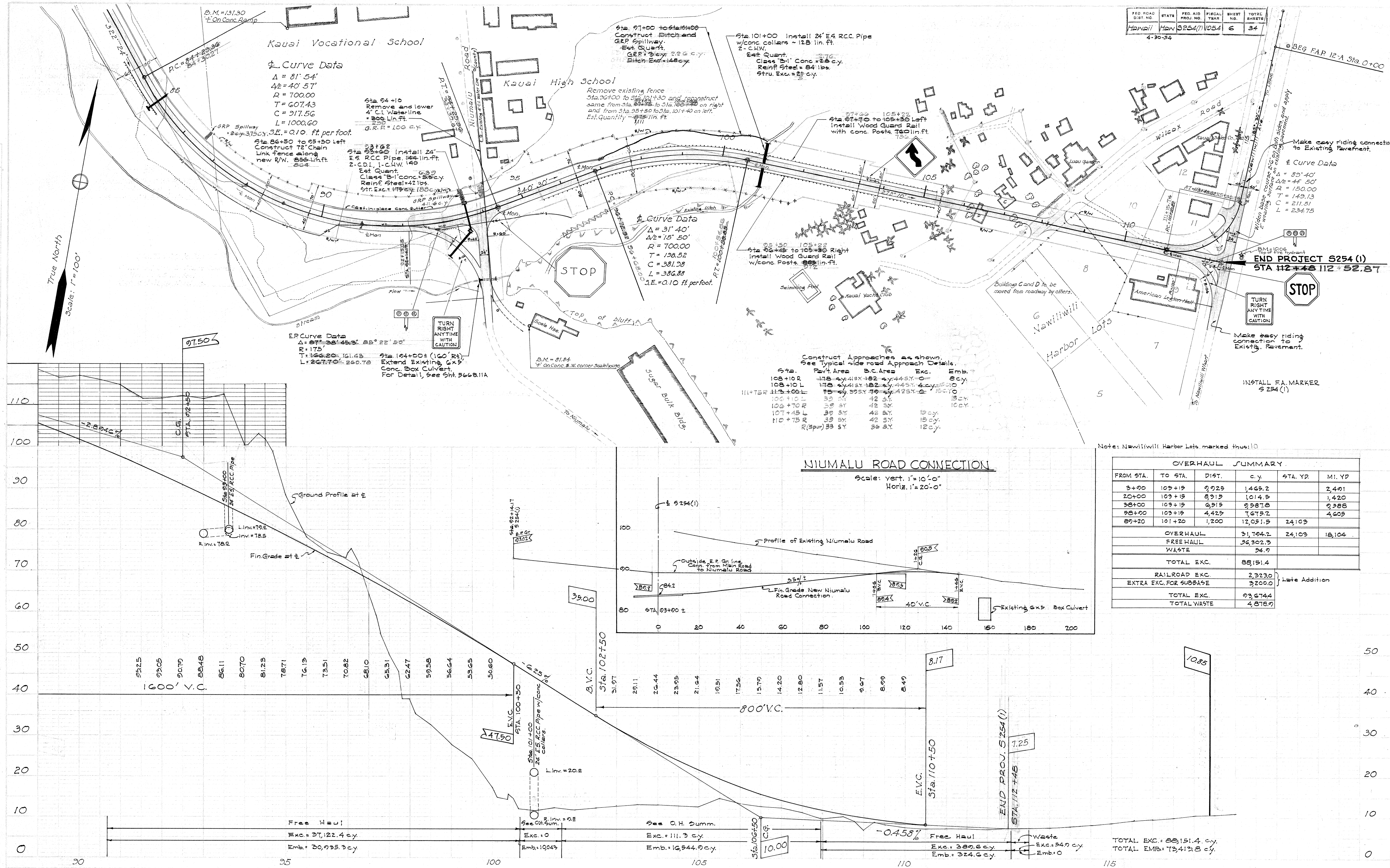
Land Court Application 957



5668.5

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Note: Nawiliwili Harbor Lets marked thus: 10

OVERHAUL SUMMARY.					
FROM STA.	TO STA.	DIST.	c. y.	STA. YD.	MI. YD.
92+00	103+15	11,115	1,465.2		2,401
102+00	103+15	1,115	101.4		1,420
98+00	103+15	6,915	958.8		958.8
95+00	103+15	4,425	767.2		460.5
89+20	101+20	1,200	120.5	24,103	
OVERHAUL			31,704.2	24,103	18,104
FREE HAUL			36,302.3		
WASTE			54.9		
TOTAL EXC.			88,151.4		
RAILROAD EXC.			2,323.0	} Late Addition	
EXTRA EXC. FOR SUBBASE			3,200.0		
TOTAL EXC.			93,674.4		
TOTAL WASTE			4,878.9		