

DRAINAGE SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 SRS-07602	1982	17	163

STRUCTURES			CULVERTS		ESTIMATED																				QUANTITIES																			
DRAINAGE SHEET	STRUCTURE NUMBER	T Y P E	SYMBOL ON PLANS FROM STRUCTURE NO.	SYMBOL ON PLANS TO STRUCTURE NO.	ITEM NO.	206.	503.	503.	602.	603.	603.	603.	604.	604.	604.	604.	604.	604.	604.	604.	652.		604.	604.	604.																			
					2020	0020	2020	1020	0010	1020	5040	5001	5002	5101	5102	5104	5105	5201	5202	5301	3000		2150	6000	7000																			
					SYMBOL ON PLANS DRAINLINE NO.	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	CLASS A CONCRETE FOR DRAINAGE SYSTEM	CLASS B CONCRETE FOR DRAINAGE SYSTEM	REINFORCING STEEL FOR DRAINAGE SYSTEM	BED COURSE MATERIAL FOR CULVERT	54-INCH RCP CL. III	24-INCH RCP CL. III OR 24-INCH AC CL. III	TYPE A MANHOLE 11 FEET TO 11.99 FEET	TYPE C MANHOLE 6 FEET TO 6.99 FEET	TYPE G1214 INLET 4 FEET TO 4.99 FEET	TYPE G1214 INLET 5 FEET TO 5.99 FEET	TYPE G1214 INLET 7 FEET TO 7.99 FEET	TYPE G1214 INLET 8 FEET TO 8.99 FEET	TYPE G1614 INLET 4 FEET TO 4.99 FEET	TYPE G1614 INLET 15 FEET TO 15.99 FEET	TYPE G1616 INLET 8 FEET TO 8.99 FEET	RIPRAP, CLASS 1		TYPE A CAST IRON FRAME & COVER	TYPE G1614 - 45° STEEL GRATE	TYPE G1214-S STEEL GRATE																		
UNIT	C. Y.	C. Y.	C. Y.	LB.	C. Y.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	C. Y.		EACH	EACH	EACH																						
18	39	DI TYPE G1214	39	40	36	39				1.1		48			1																													
18	40	DI TYPE G1614	40	42	37	289				3.0		136								1																								
18	41	DI TYPE G1214	41	42	38	68				1.6		70					1																											
18	42	MANHOLE TYPE C	42	43	39	220				6.6		298		1																														
18	44	DI TYPE G1214	44	45	40	58				1.3		60				1																												
18	45	MANHOLE TYPE A	45	42	41	332				3.5		156	1																															
19	50	INLET STRUCTURE TYPE DH-13 MOD.	50	54	45	973	23.0		1200	90.0	500																																	
20	51	DI TYPE G1614	51	52	46	187				7.0		316								1																								
20	52	DI TYPE G1614	52	53	47	187				6.2		280								1																								
19	53	DI TYPE G1616	53	54	48	38				2.0		86								1																								
19	54	OUTLET STRUCTURE TYPE DH-15 MOD.	—	—	48	33	13.0		650																																			
19	55	DI TYPE G1214	55	54	49	33				1.7		75							1			75																						
10		MISCELLANEOUS						1	60														1	3	1																			
		TOTAL				2457	36	1	1910	124	500	1525	1	1	1	1	1	1	2	1	1	75		1	3	1																		
																											</																	

ORIGINAL
PLAN
NOTE BOOK
No. _____

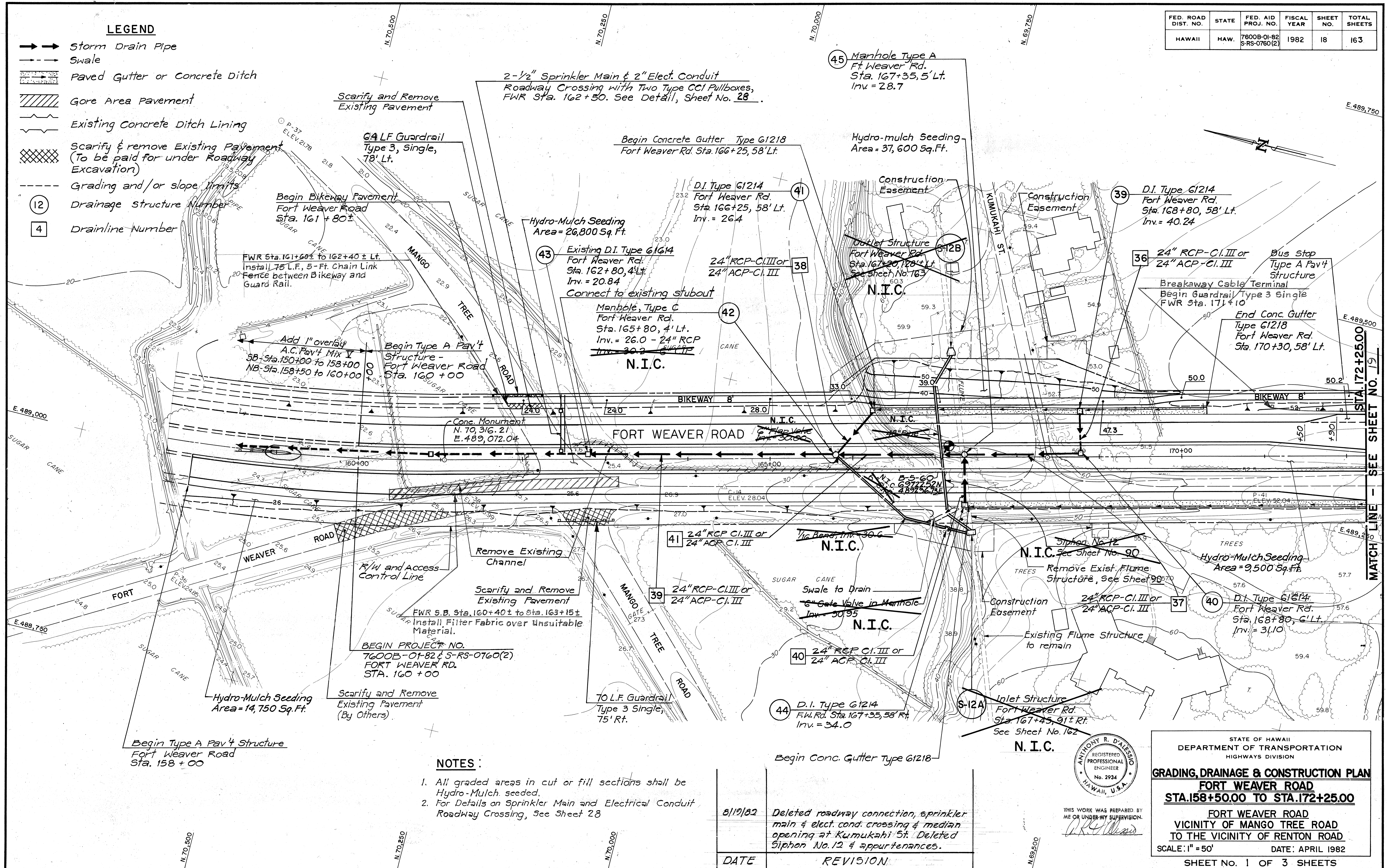
SURVEY PLOTTED BY _____
DRAWN BY RW
DESIGNED BY _____
QUANTITIES BY _____
CHECKED BY FM

DATE _____

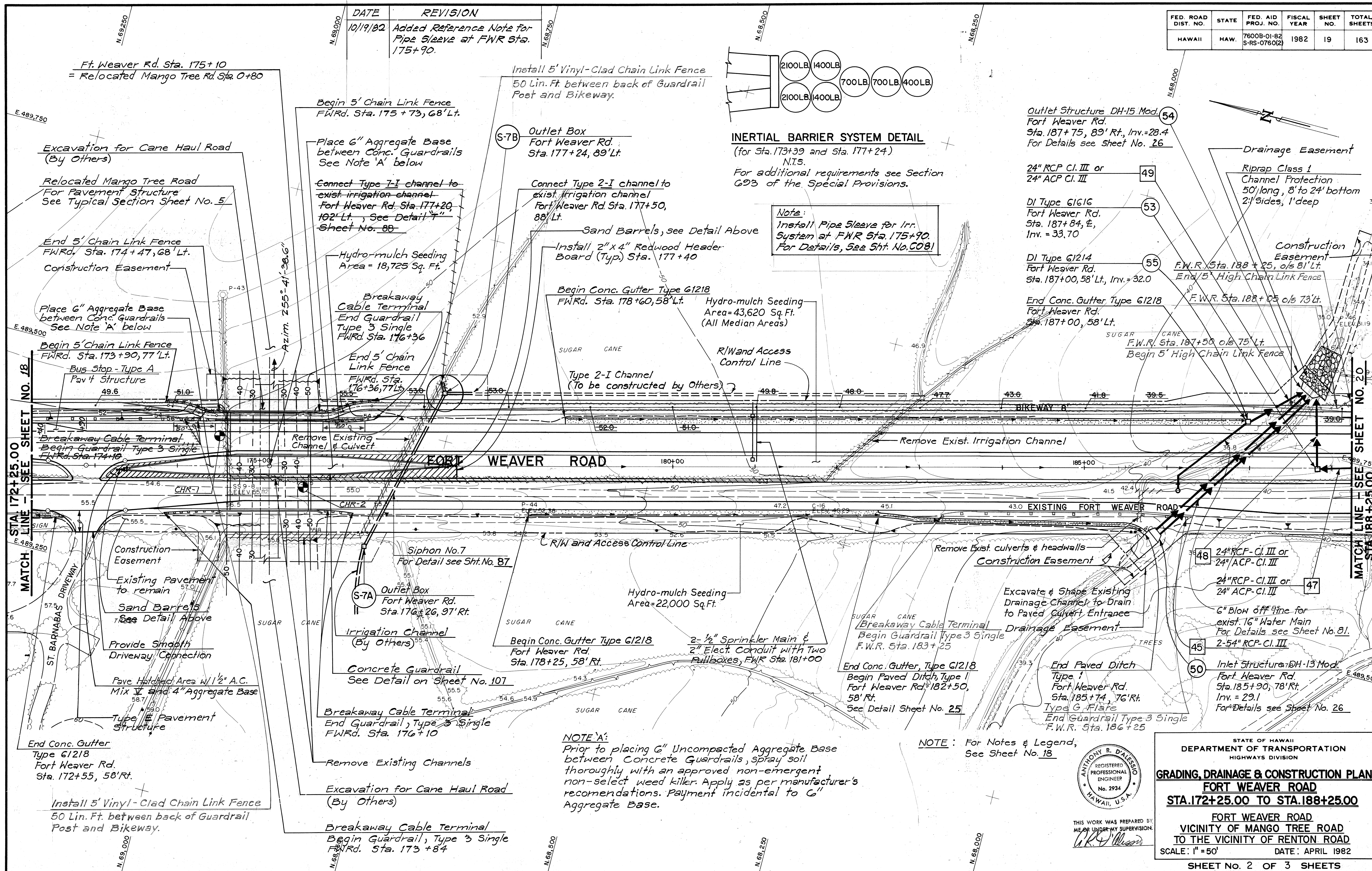
LEGEND

- Storm Drain Pipe
- Swale
- ▨ Paved Gutter or Concrete Ditch
- ▨ Gore Area Pavement
- ~ Existing Concrete Ditch Lining
- ▨ Scarify & remove Existing Pavement (To be paid for under Roadway Excavation)
- Grading and/or slope limits
- (12) Drainage structure Number
- [4] Drainline Number

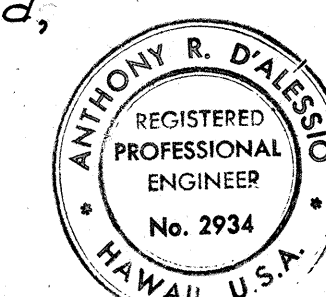
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	18	163



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 S-RS-0760(2)	1982	19	163



DATE	10/19/82
SURVEY PLOTTED BY	RWM
DRAWN BY	GBI
DESIGNED BY	FMS
QUANTITIES BY	ARD
CHECKED BY	ARD
NO.	



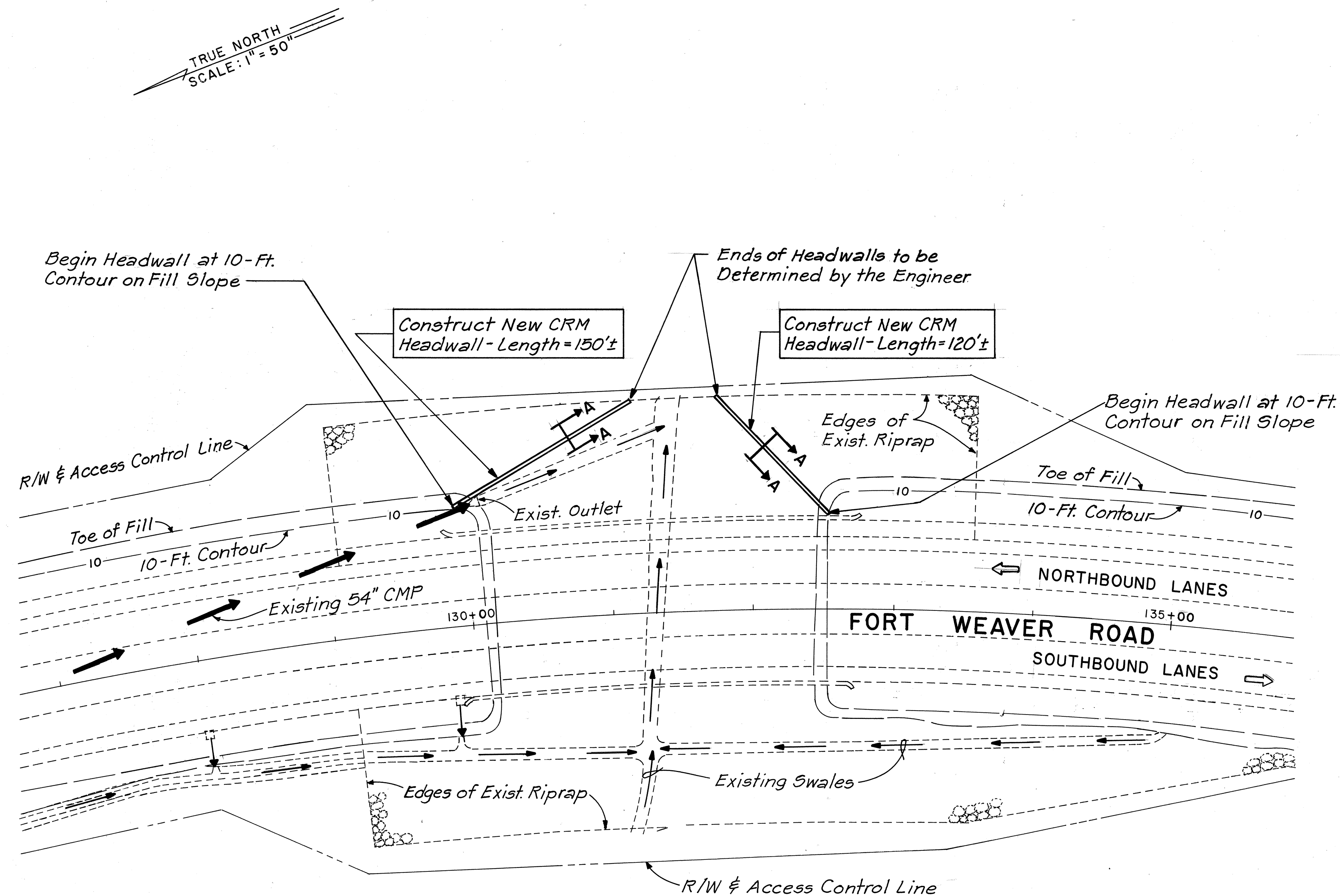
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Anthony R. Dalesio

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

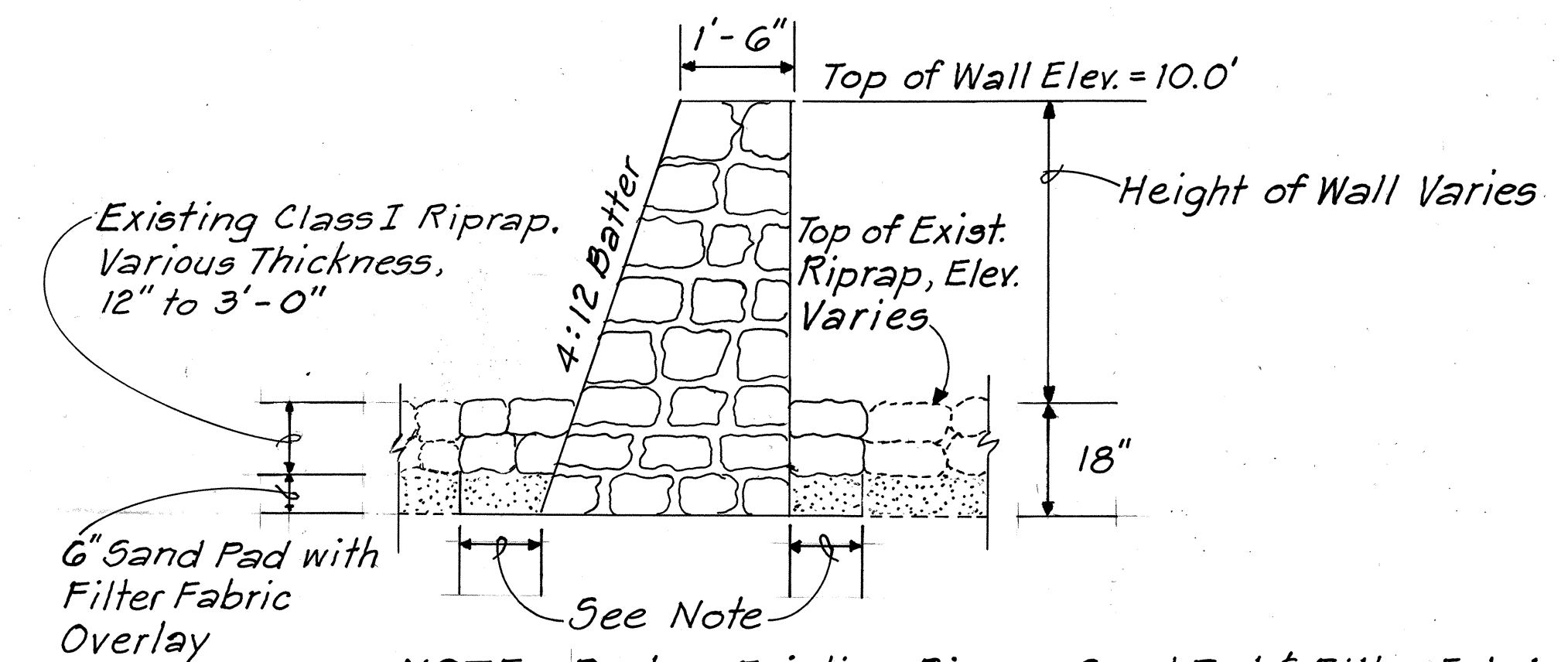
GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 172+25.00 TO STA. 188+25.00

FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50' DATE: APRIL 1982
SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2), U-2	1984	C.O.20S-1	163



PLAN
HONOULIULI STREAM
Scale : 1" = 50'



NOTE: Restore Existing Riprap, Sand Pad & Filter Fabric disturbed by Headwall Construction for Minimum Distance of 1'-0" from Edge of Headwall. Stones may be reused; Sand and Fabric shall be new.

SECTION "A - A"
CRM HEADWALL
Scale : 1/2" = 1' - 0"

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**CHANNEL IMPROVEMENTS
AT HONOULIULI STREAM**

FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD

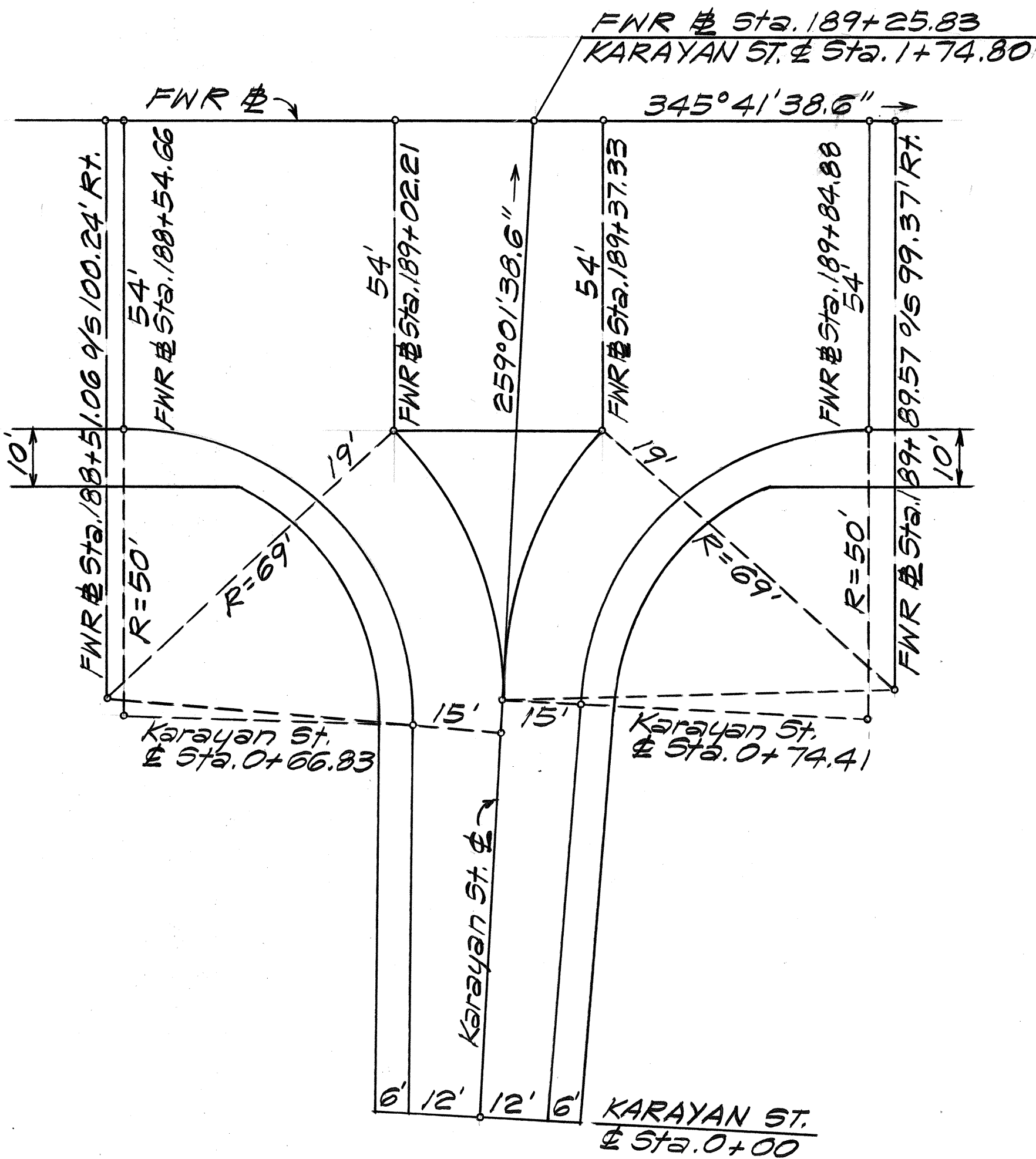
SCALE : AS SHOWN DATE : FEB. 1984
SHEET NO. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7600B-01-82 SR5-0760(2)	1986	00205-2	163

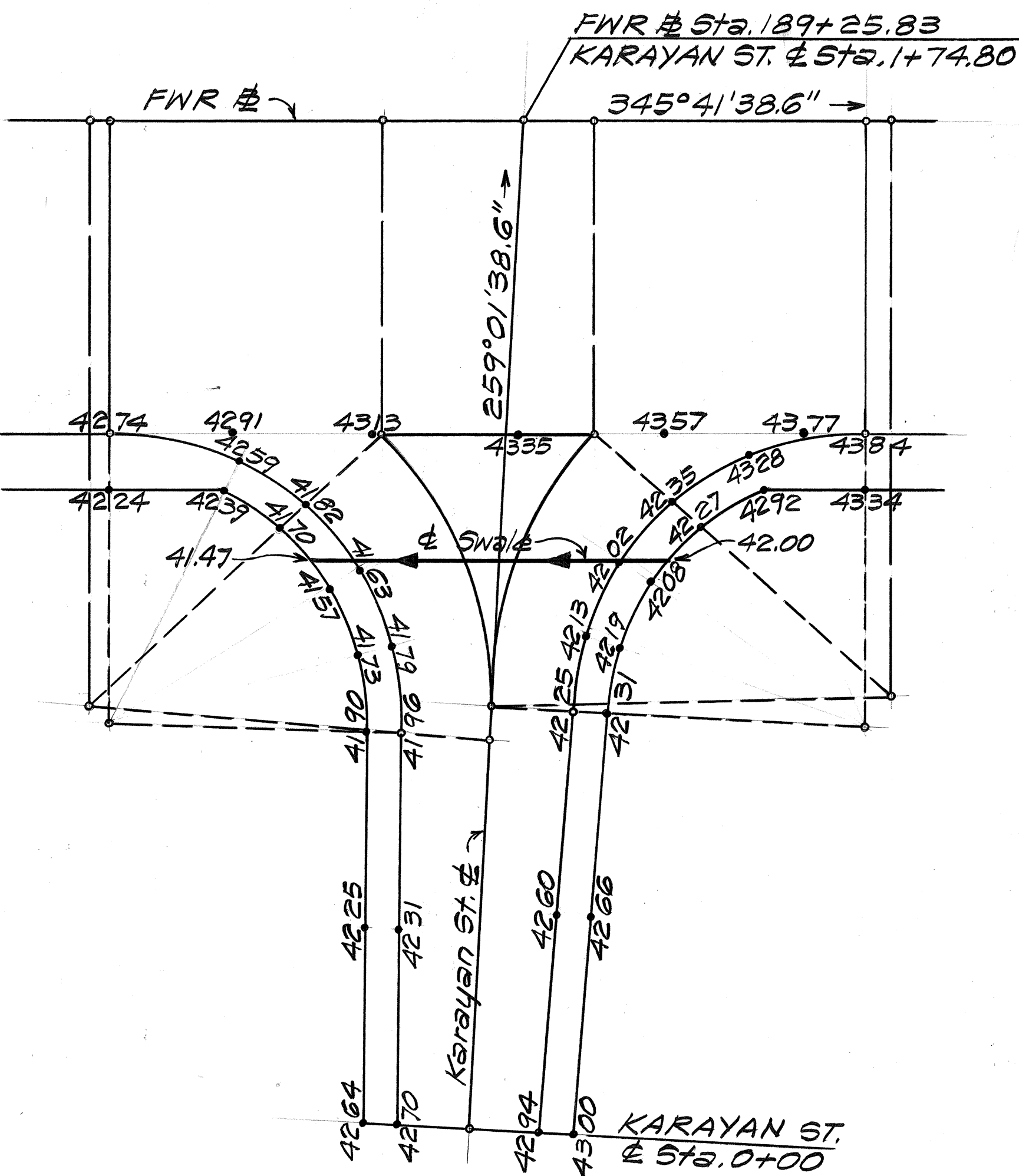
FIELD REVISION NO. 16

REVISED SWALE INVERTS

STATION	O/S RT.	REVISED INVERTS
188+50	76	40.50
188+88	76	41.47
189+00	76	41.57
189+50	76	41.98
189+53	76	42.00
189+75	74	42.06
190+00	74	42.10
190+50	74	42.22
191+00	74	42.33
191+50	74	42.44
192+00	74	42.55
192+50	74	42.66
192+91.88	76	42.76
193+00	76	42.77
193+12	78	42.80
193+25	78	42.85
193+50	76	42.94
193+91.88	76	43.09
194+00	76	43.11
194+12.5	76	43.15
194+25	76	43.20

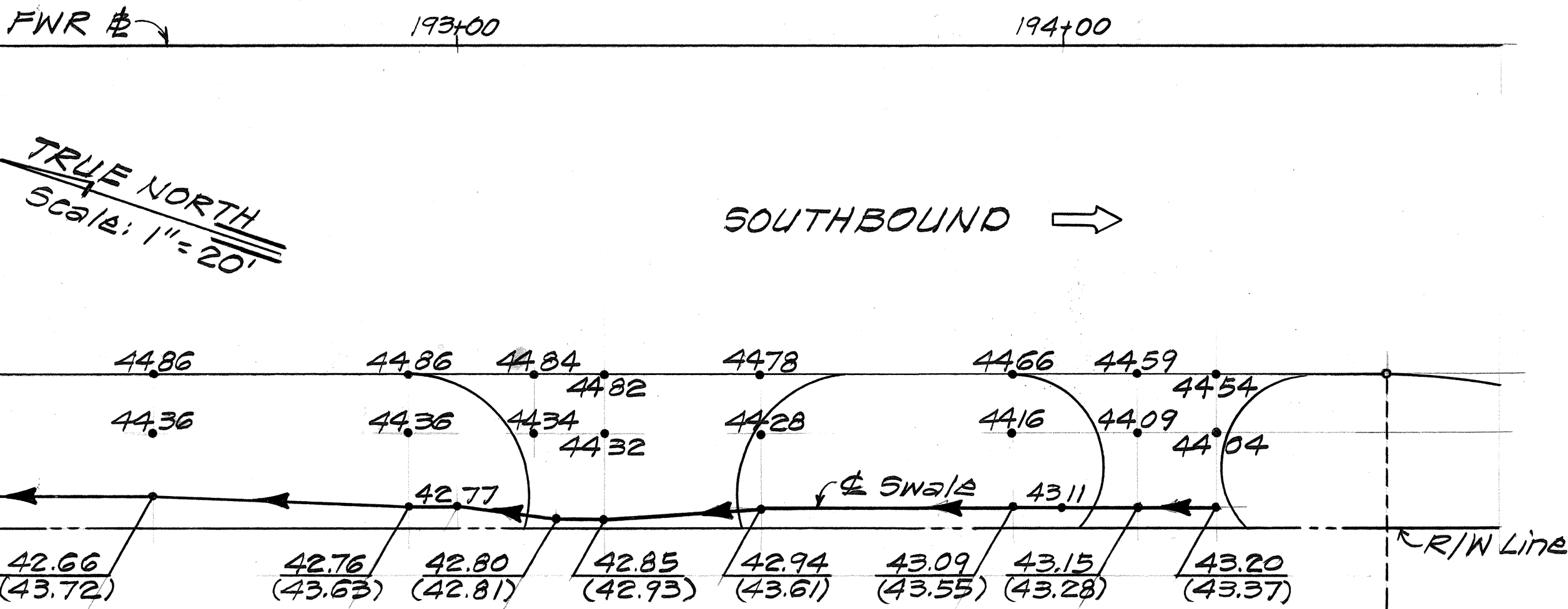


FIELD REVISION NO. 15



FIELD REVISION NO. 16

THIS TRACING PREPARED DURING "AS-BUILT" POSTINGS



LEGEND
← Finish Elev.
() ← Exist. Elev.

FIELD REVISION NO. 16
UNION 76' DRIVEWAY & SWALE ELEVATIONS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

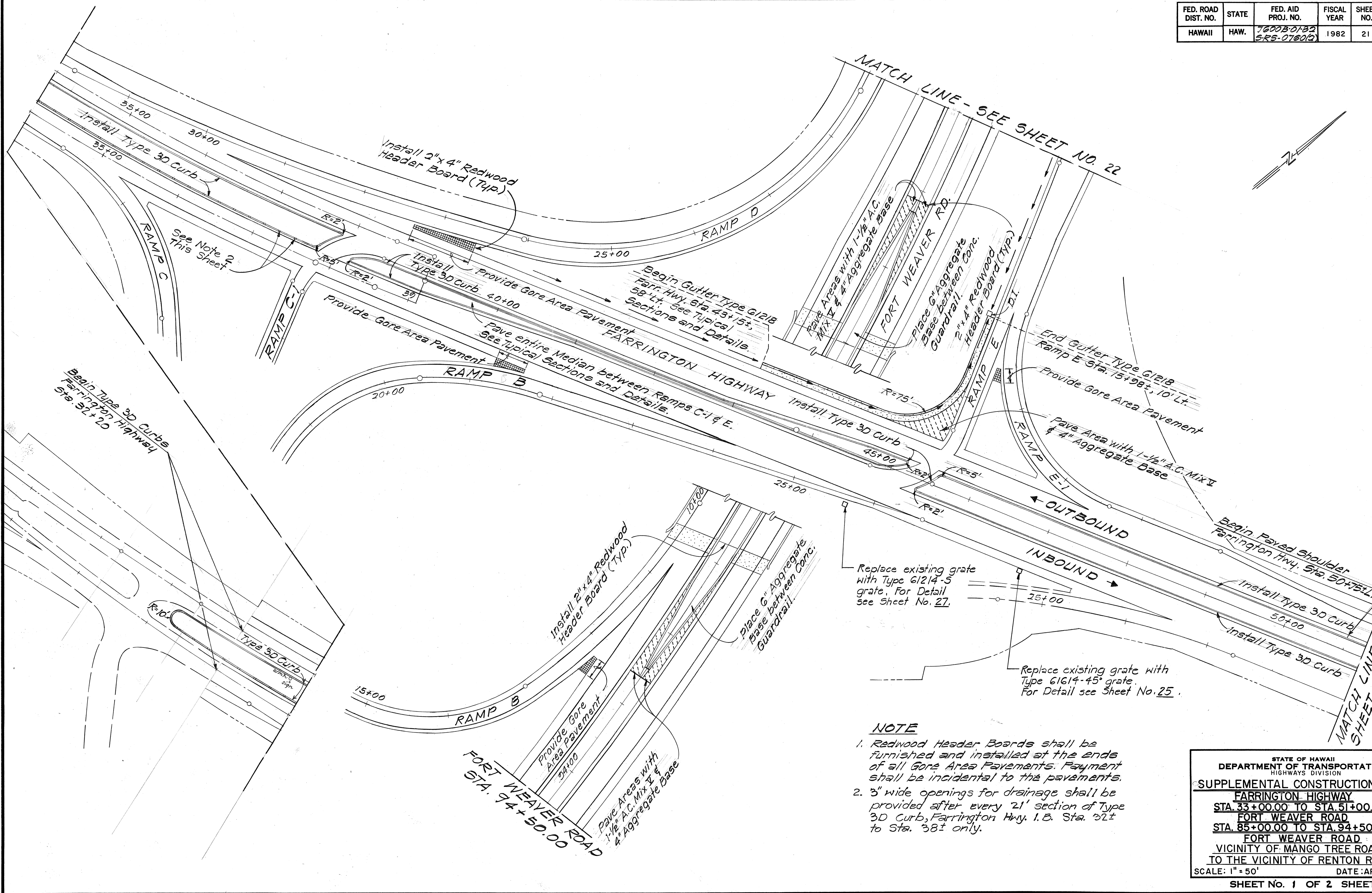
MISCELLANEOUS DETAILS

FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD

Scale: As Shown Date: Aug. 1985

SHEET NO. 14 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1600B-0182 SR5-07602	1982	21	163



DATE	_____
SURVEY PLOTTED BY	STATE 287
DRAWN BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUPPLEMENTAL CONSTRUCTION PLAN

FARRINGTON HIGHWAY

STA. 33+00.00 TO STA. 51+00.00

FORT WEAVER ROAD

STA. 85+00.00 TO STA. 94+50.00

FORT WEAVER ROAD

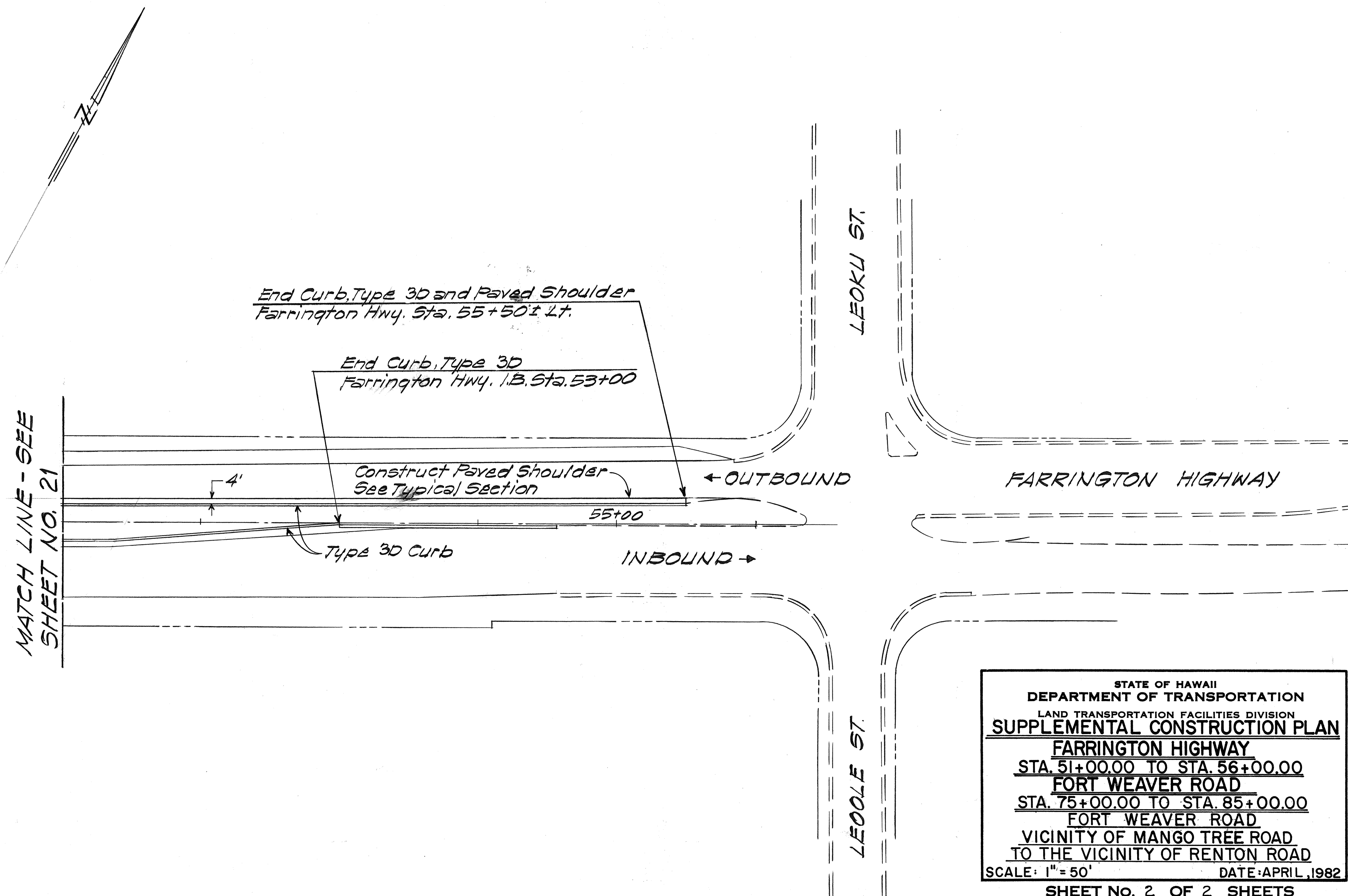
VICINITY OF MANGO TREE ROAD

TO THE VICINITY OF RENTON ROAD

SCALE: 1" = 50' DATE: APRIL, 1982

SHEET No. 1 OF 2 SHEETS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
SUPPLEMENTAL CONSTRUCTION PLAN
FARRINGTON HIGHWAY
STA. 51+00.00 TO STA. 56+00.00
FORT WEAVER ROAD
STA. 75+00.00 TO STA. 85+00.00
FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50' DATE: APRIL, 1982
SHEET No. 2 OF 2 SHEETS



MATCH LINE - SEE SHEET NO. 21

Bull Nose - Ramp, E
Sta. 27+42.01, 4' Lt. =
Ft. Weaver Rd.
± Sta. 75+78.03, 56' Lt.

WAIPAHU ST.

Install 2"x4" Redwood
Header Board (Typ.)

Bull Nose - Ramp D
Sta. 15+00, 21' Lt. =
Ft. Weaver Rd.
Sta. 78+71.47, 59' Rt.

Ft. Weaver Road
± 512.79 ± 52 ±

End Curb, Type 3b and Paved Shoulder
Farrington Hwy. Sta. 55+50 ± Lt.

End Curb, Type 3D
Farrington Hwy. I.B. Sta. 53+00

Construct Paved Shoulder
See Typical Section

→ Type 3D Curve

INBOUND -

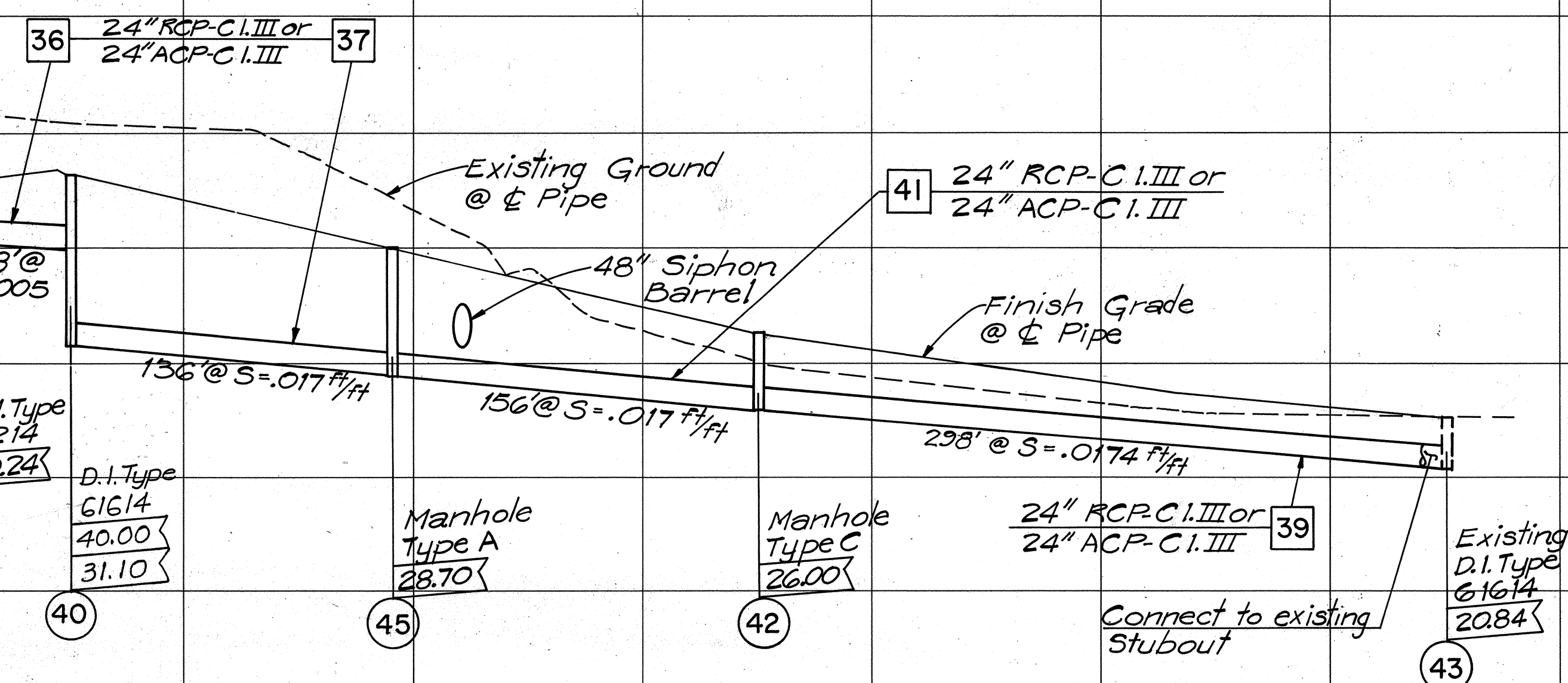
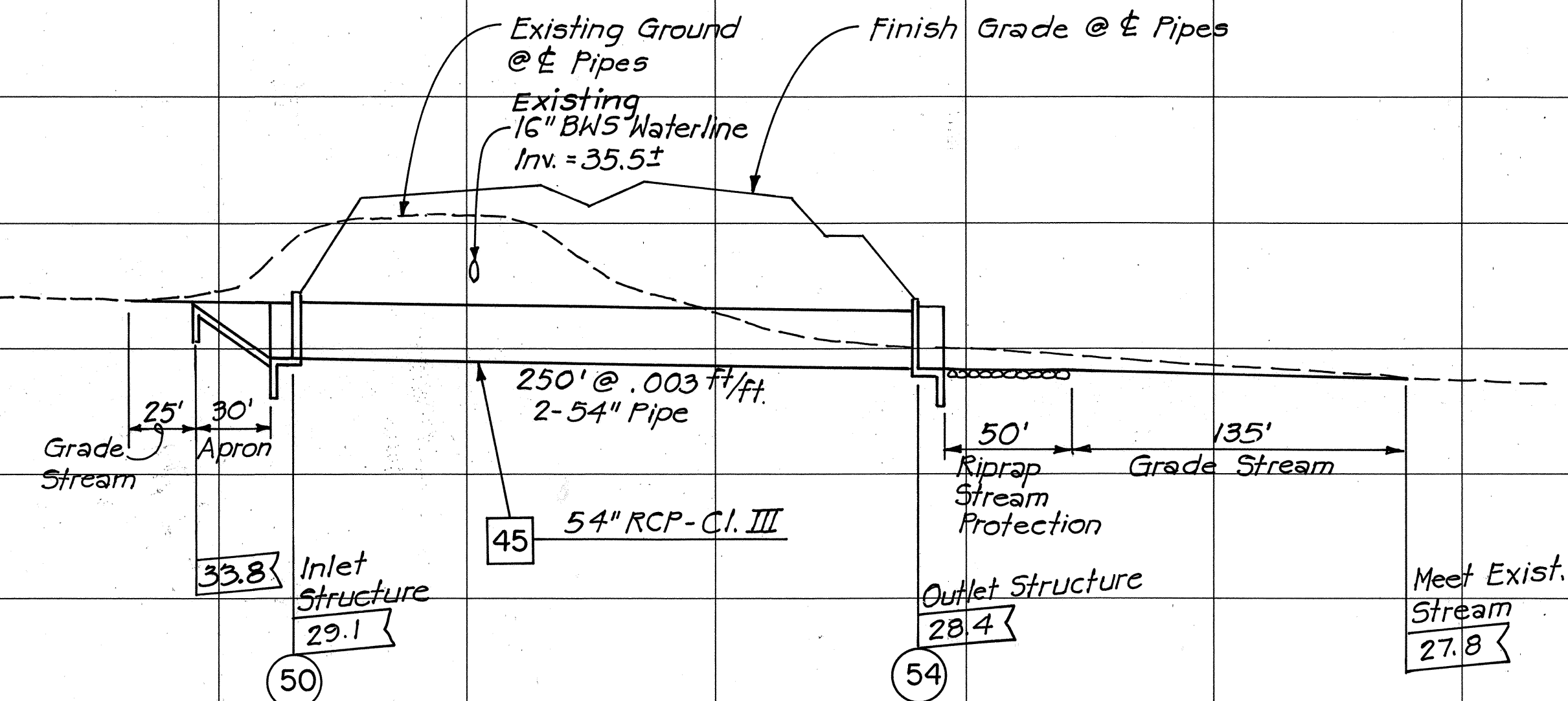
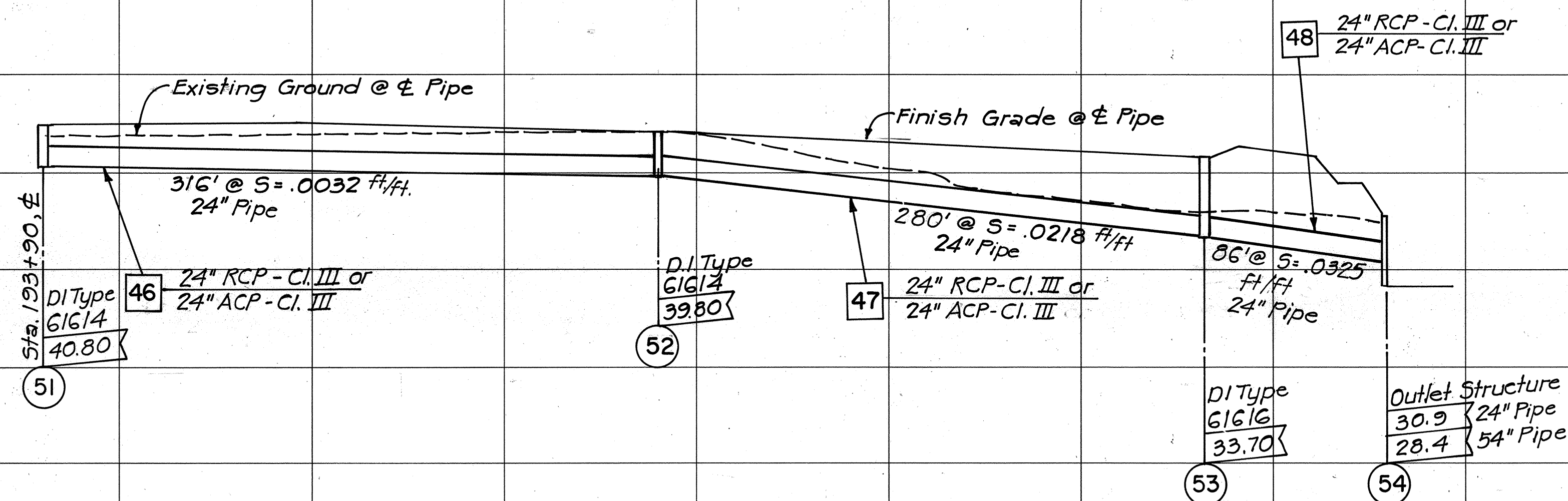
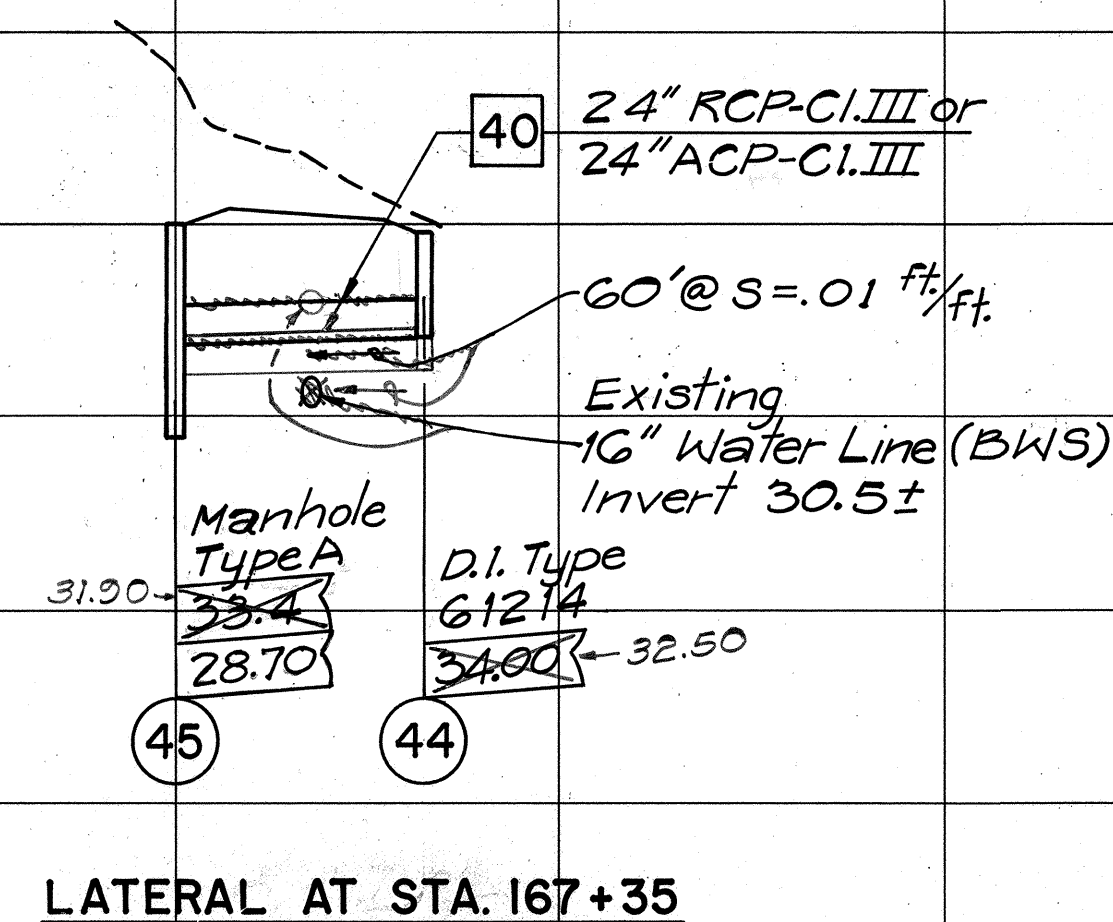
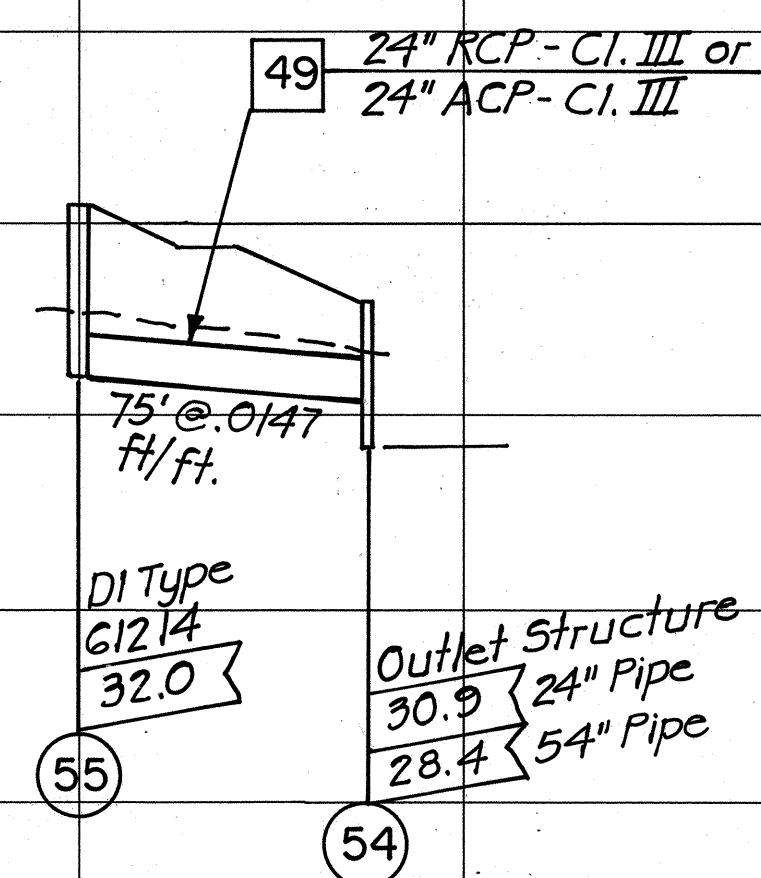
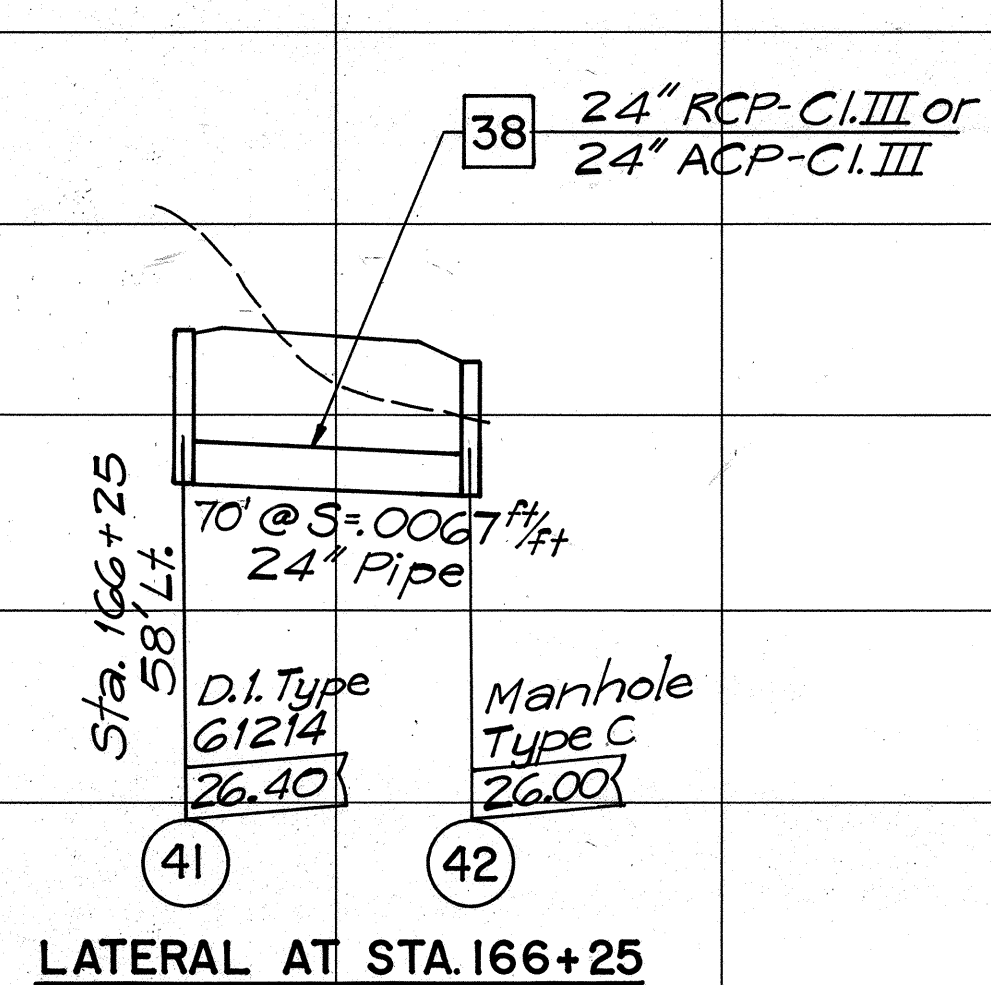
← OUTBOUND

FARRINGTON HIGHWAY

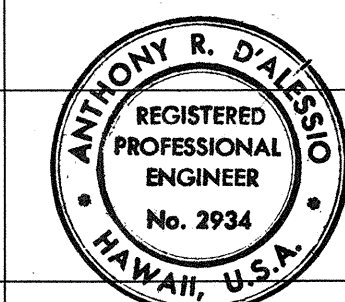
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
SUPPLEMENTAL CONSTRUCTION PLAN
FARRINGTON HIGHWAY
STA. 51+00.00 TO STA. 56+00.00
FORT WEAVER ROAD
STA. 75+00.00 TO STA. 85+00.00
FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50' DATE: APRIL, 1982
SHEET NO. 2 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY DRAWN BY <u>STATE DOT</u>	DATE _____
	TEACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____
No. _____		_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	76008-01-82 S-RS-0760(2)	1982	23	163



NOTE: Number shown in square 14 is Drainline Number, as shown on Plans and Drainage Summary Sheet.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PROFILES

**FORT WEAVER ROAD
VICINITY OF MANGO TREE ROAD
TO THE VICINITY OF RENTON ROAD**

HORIZ. 1" = 50'
SCALE: VERT. 1" = 10'

DATE: APRIL 1982

SHEET NO. 1 OF 1 SHEETS