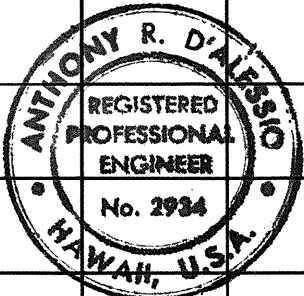


DATE		REVISION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
6/2/80		Redescribed Structure Nos. 5, 15 & 27 and Drainline No. 16. Revised Quantities for Structure Nos. 12 & 18.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SHEET NO.	SHEET 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.	603.	603.	603.	604.	604.	604.	604.	603.	652.		603.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
NOTE BOOK: _____
CHECKED BY: _____
No. _____

* G1214 Grates Has Been Revised
See Sheet 465-1, Field Revision No. 43

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	30	244



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[Signature]

11/9/80	Revised quantities for Item Nos. 603.0010, 603.7500 and 652.3000.
DATE	REVISION

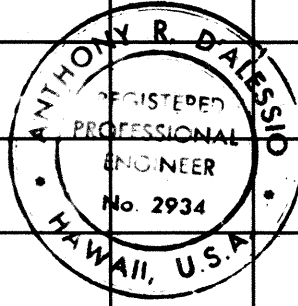
DRAINAGE SUMMARY

11/28/80	Added Item No. 652.3003. Corrected Quantities for Drainline No. 41. Corrected Totals for Item Nos. 503.0020, 602.1020, 603.7260, 603.6080, 604.2330, 604.2340.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	31	244

STRUCTURES			CULVERTS		ESTIMATED																				QUANTITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
SHEET NO.	STRUCTURE NUMBER	T Y P E	SYMBOL ON PLANS FROM STRUCTURE NO.	SYMBOL ON PLANS TO STRUCTURE NO.	ITEM NO.	206.			503.		602.	603.	603.	603.	603.	603.	603.	604.	604.	604.	604.	603.	652.	652.	603.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

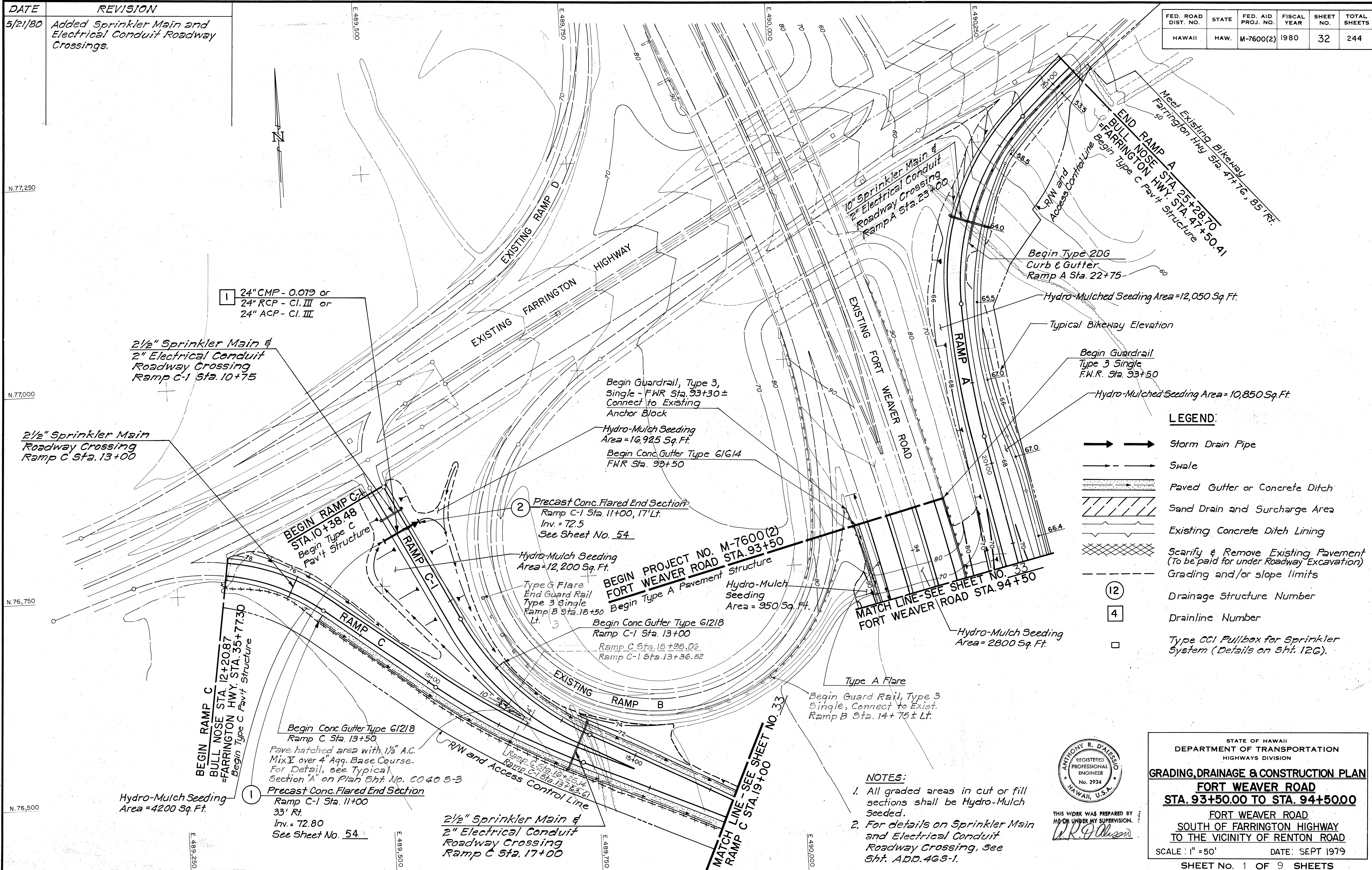
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



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N. R. D'Amico

DATE	REVISION
5/21/80	Added Sprinkler Main and Electrical Conduit Roadway Crossings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	32	244



LEGEND:	
	Storm Drain Pipe
	Swale
	Paved Gutter or Concrete Ditch
	Sand Drain and Surcharge Area
	Existing Concrete Ditch Lining
	Scarify & Remove Existing Pavement (To be paid for under Roadway Excavation)
	Grading and/or slope limits
	Drainage Structure Number
	Drainline Number
	Type CCI Pullbox for Sprinkler System (Details on Sht. 126)

- NOTES:**
- All graded areas in cut or fill sections shall be Hydro-Mulch Seeded.
 - For details on Sprinkler Main and Electrical Conduit Roadway Crossing, see Sht. ADD. 465-1.

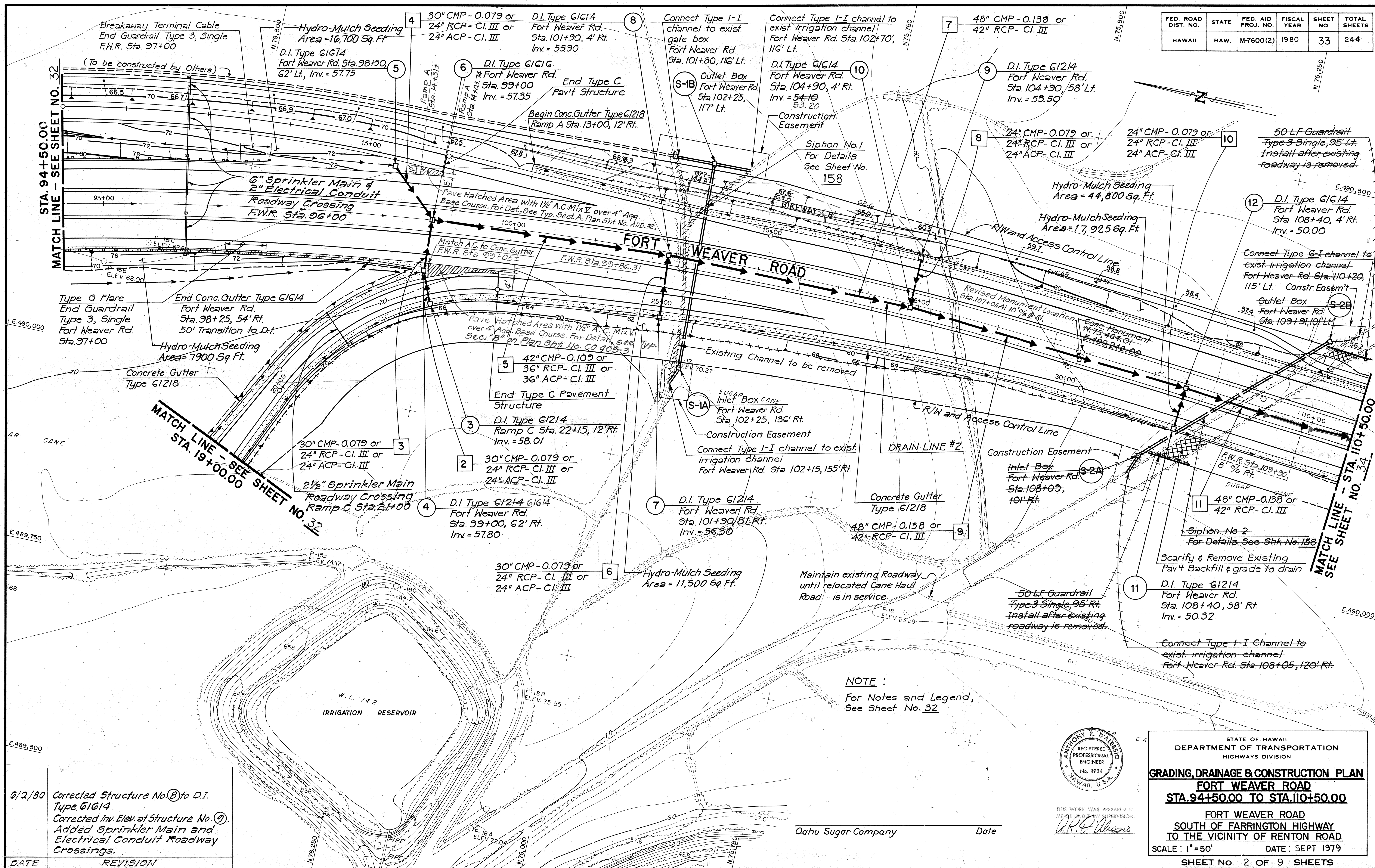


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Anthony R. D'Alessio

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 93+50.00 TO STA. 94+50.00
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50' DATE: SEPT 1979
SHEET NO. 1 OF 9 SHEETS

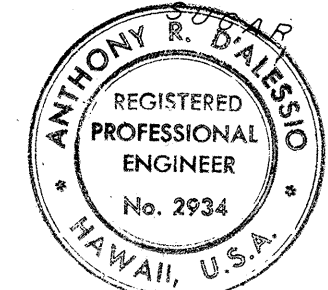
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	33	244



DATE	6/2/80
SURVEY PLOTTED BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE
ORIGINAL PLAN	DATE
NOTE BOOK	DATE
QUANTITIES BY	DATE
CHECKED BY	DATE

DATE	REVISION
6/2/80	Corrected Structure No. ② to D.I. Type G1614. Corrected Inv. Elev. of Structure No. ②. Added Sprinkler Main and Electrical Conduit Roadway Crossings.

NOTE :
For Notes and Legend,
See Sheet No. 32



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 94+50.00 TO STA. 110+50.00

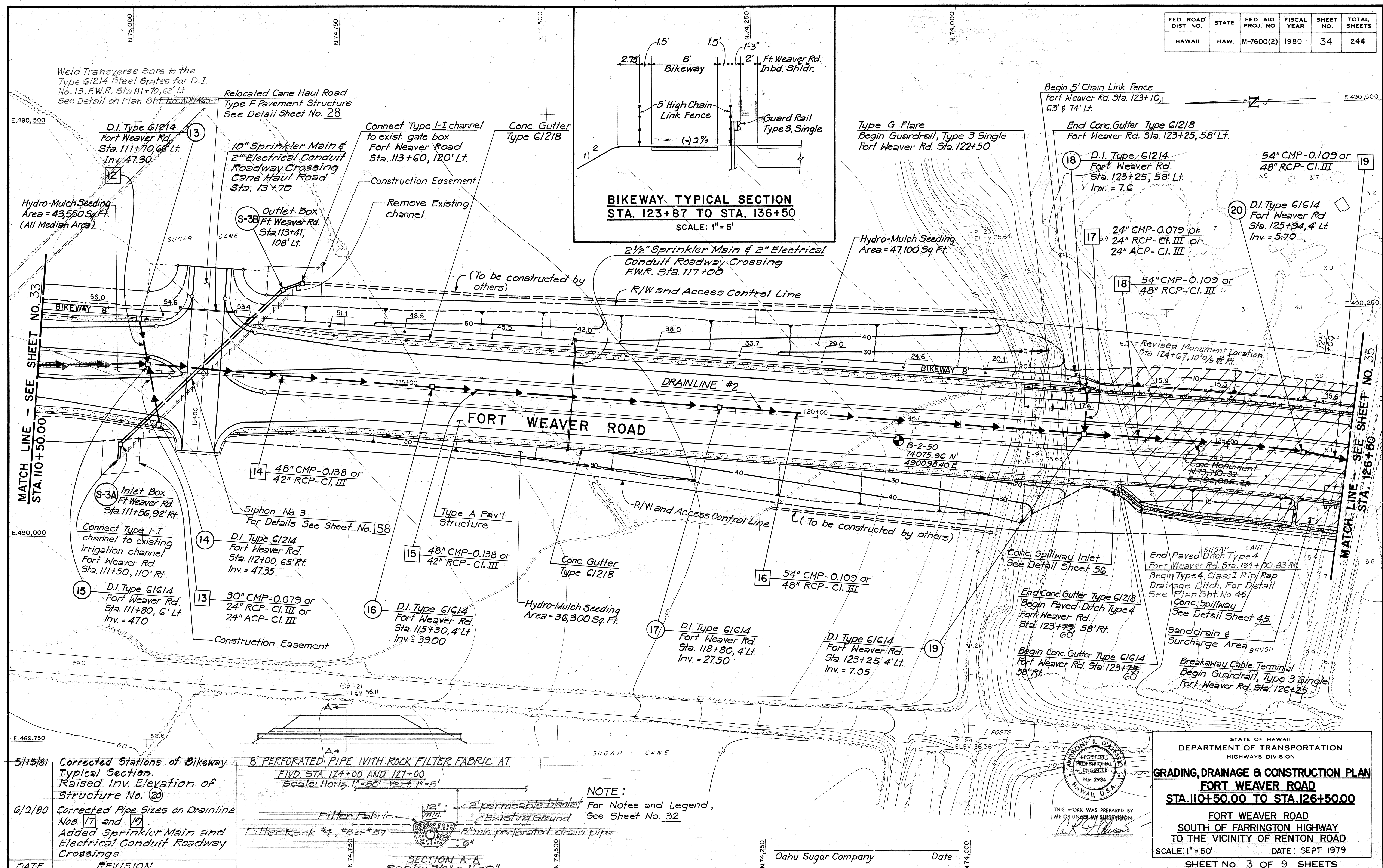
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD

SCALE: 1" = 50' DATE: SEPT 1979

SHEET No. 2 OF 9 SHEETS

ADD. 33

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	34	244



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 110+50.00 TO STA. 126+50.00

FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50' DATE: SEPT 1979
SHEET NO. 3 OF 9 SHEETS

PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
[Signature]

Oahu Sugar Company Date

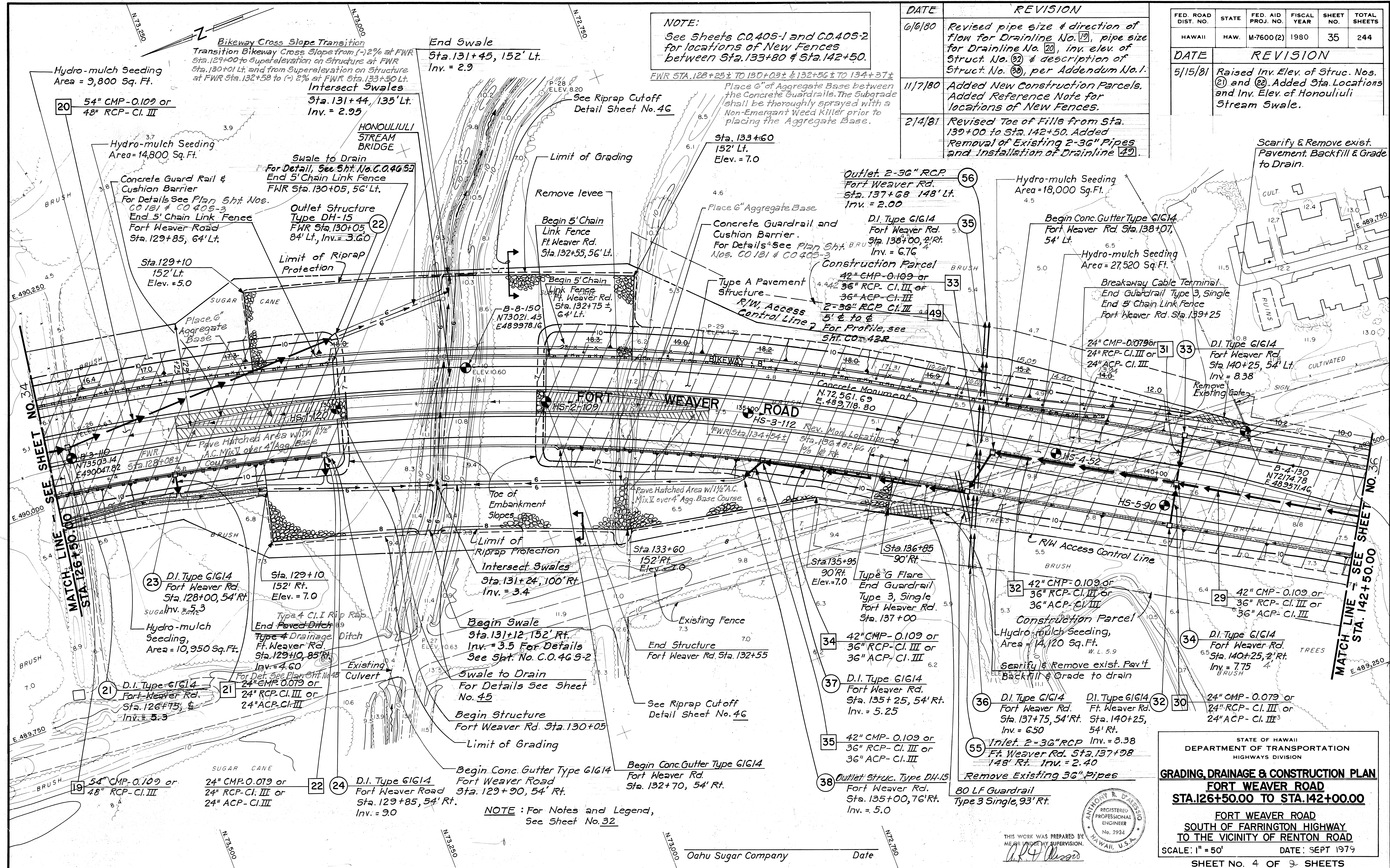
CO ADD. 34

DATE
DRAWN BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
ORIGINAL
PLAN
BOOK
NOTE
NO.

NOTE:
See Sheets C.O.405-1 and C.O.405-2
for locations of New Fences
between Sta. 133+80 & Sta. 142+50.

DATE	REVISION
6/6/80	Revised pipe size & direction of flow for Drainline No. 20, pipe size for Drainline No. 20, inv. elev. of Struct. No. 20 & description of Struct. No. 20, per Addendum No. 1.
11/7/80	Added New Construction Parcels. Added Reference Note for locations of New Fences.
2/4/81	Revised Toe of Fills from Sta. 139+00 to Sta. 142+50. Added Removal of Existing 2-36" Pipes and Installation of Drainline 49.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	35	244
DATE	REVISION				
5/15/81	Raised Inv. Elev. of Struc. Nos. (21) and (22). Added Sta. Locations and Inv. Elev. of Honolulu Stream Swale.				



NOTE: For Notes and Legend, See Sheet No. 32

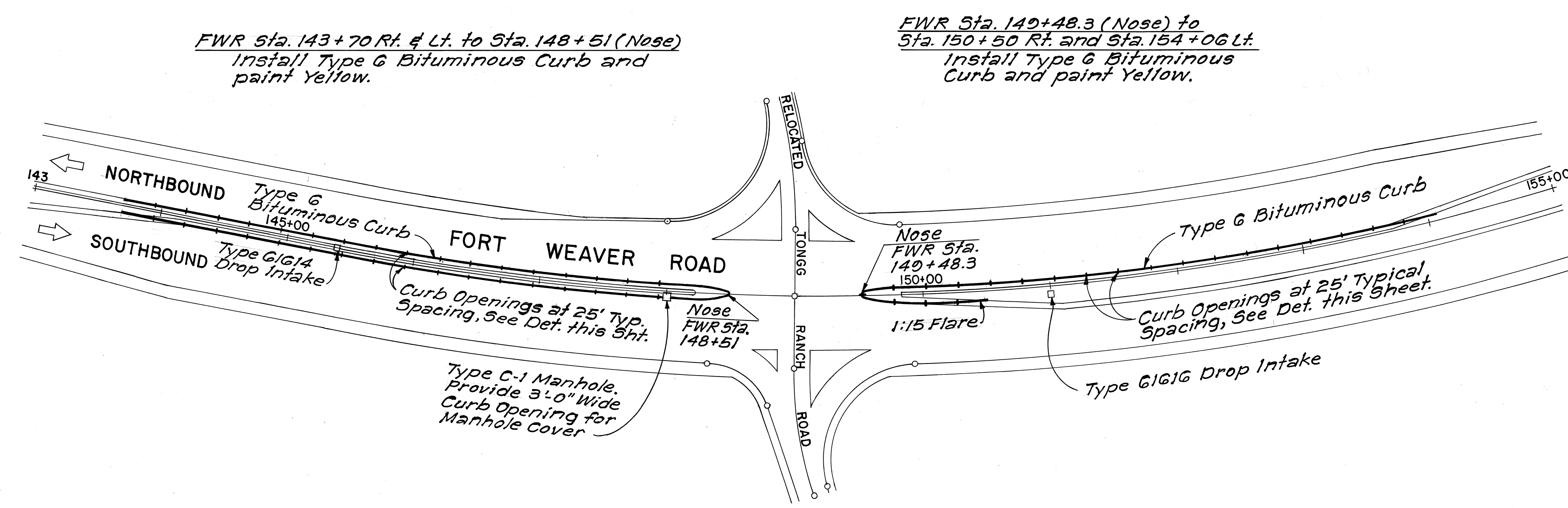
THIS WORK WAS PREPARED BY ME AS UNDER MY SUPERVISION.
[Signature]
REGISTERED PROFESSIONAL ENGINEER
No. 2934
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 126+50.00 TO STA. 142+00.00
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50'
DATE: SEPT 1979
SHEET No. 4 OF 9 SHEETS

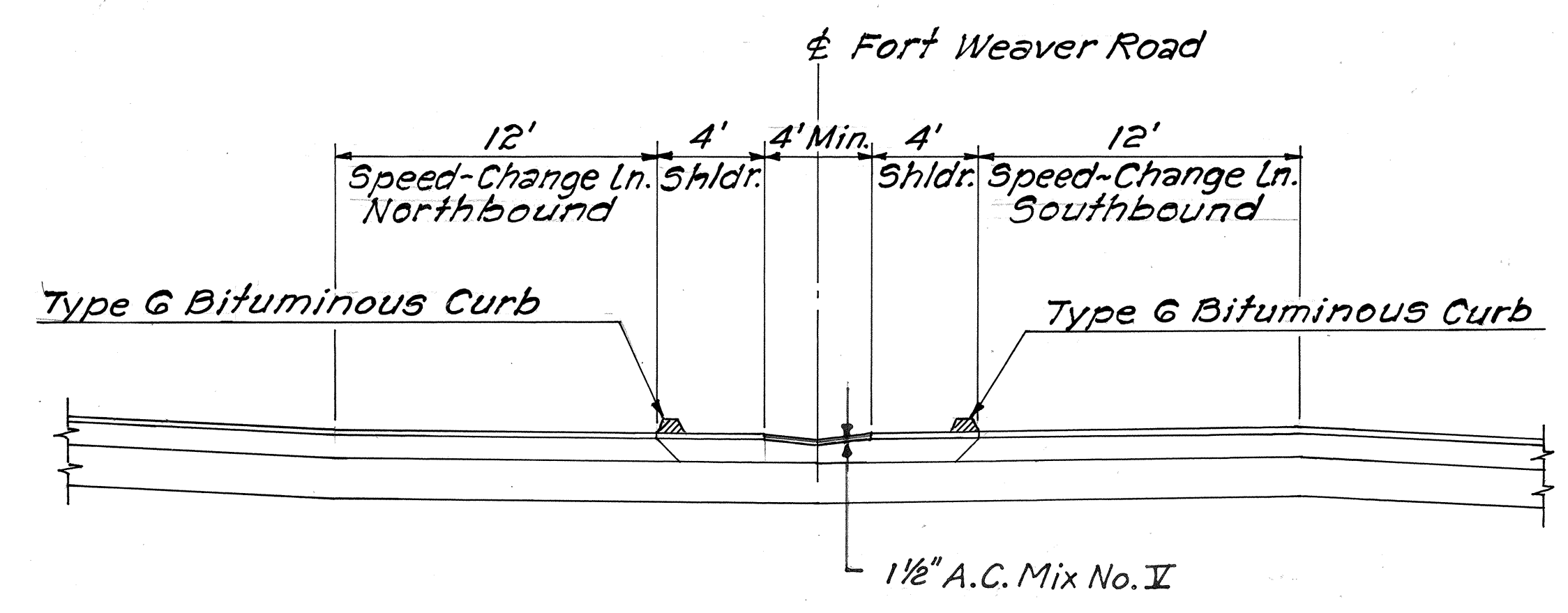
C O 35R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1982	C036 S-1	244

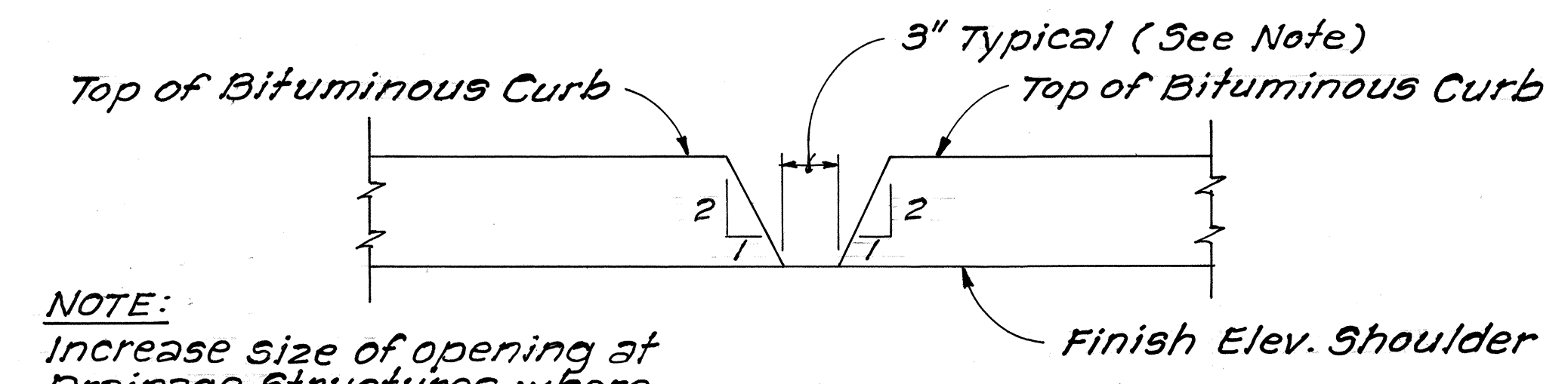
TRUE NORTH
SCALE: 1" = 50'



LAYOUT PLAN
SCALE: 1" = 50'



TYPICAL SECTION - MEDIAN CURBS
SCALE: 1" = 5'



NOTE:
Increase size of opening at Drainage Structures where indicated on Layout Plan.

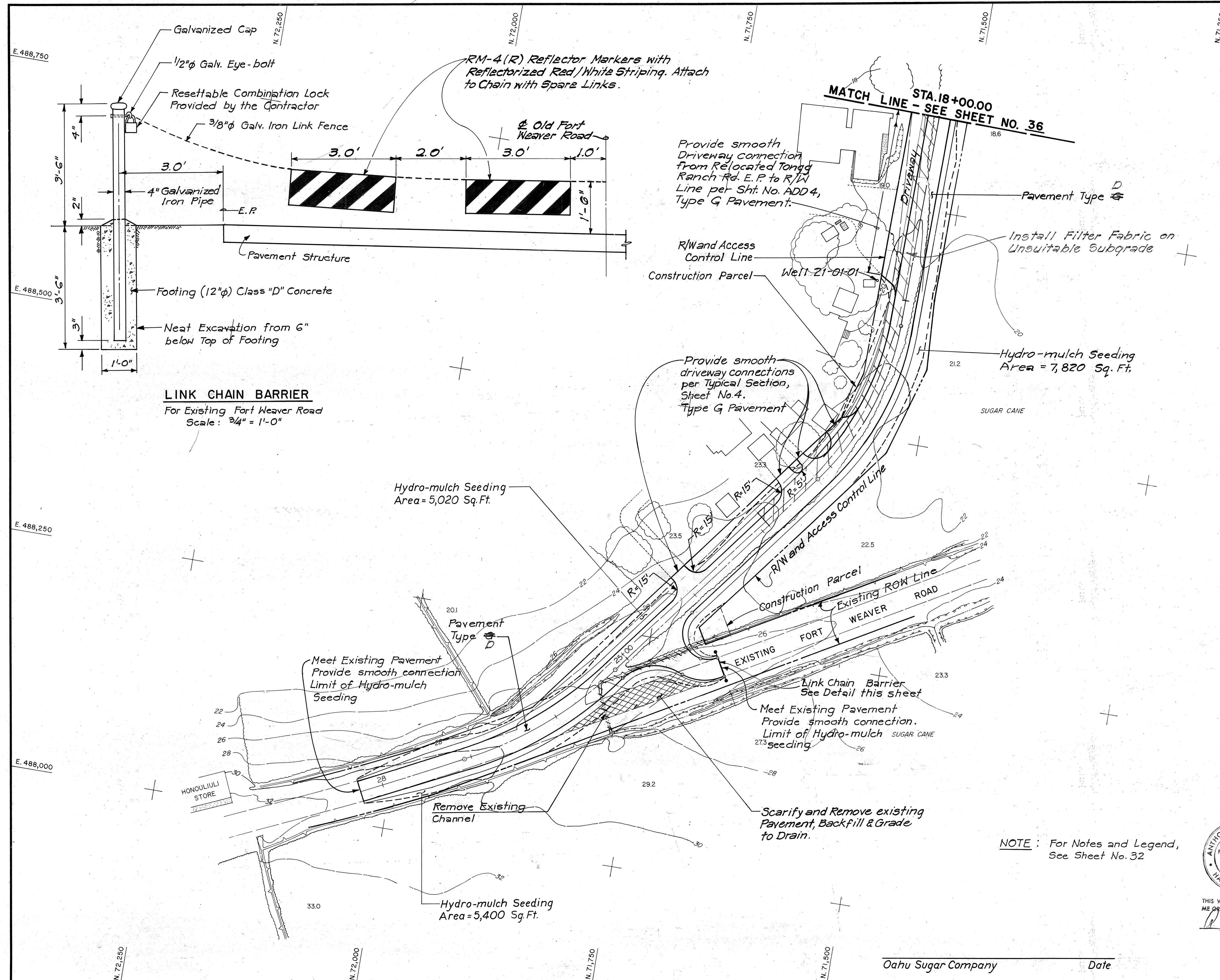
DETAIL OF CURB OPENING
SCALE: 1 1/2" = 1'-0"

NOTE:
CONSTRUCTION ITEMS SPECIFIED ON THIS SHEET SUPPLEMENT AND AMEND THE WORK INDICATED ON SHEETS CO ADD. 36 AND CO 88.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
SUPPLEMENTAL CONSTRUCTION PLAN
MEDIAN CURB AT REL. TONGG RANCH RD.
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
SCALE: AS SHOWN DATE: FEB., 1982
SHEET No. 5A OF 9 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600 (2)	1980	37	277



11/6/81 Delete Detour Pavement, Tongg Ranch Rd. Sta. 24+20 to Sta. 25+40. Added Notes previously marked N.I.C. Tongg Ranch Rd. Sta. 24+20 to Sta. 28+25. Delete Siphon No. 11.

11/7/80 Revised R/W Lines along Relocated Tongg Ranch Rd. and Adjusted Limits of Driveway. Corrected Pavement of Relocated Tongg Ranch Rd. between Sta. 18+00 and Sta. 24+20 to Type D, Specified Type G Pavement for Driveways.

DATE REVISION

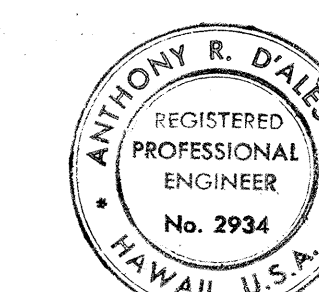
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING, DRAINAGE & CONSTRUCTION PLAN
RELOCATED TONGG RANCH ROAD
STA. 18+00.00 TO STA. 28+25.00

FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD

SCALE: 1" = 50' DATE: SEPT 1979

SHEET No. 6 OF 9 SHEETS



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ME OR UNDER MY SUPERVISION.
[Signature]

Oahu Sugar Company

Date

E. 488,000

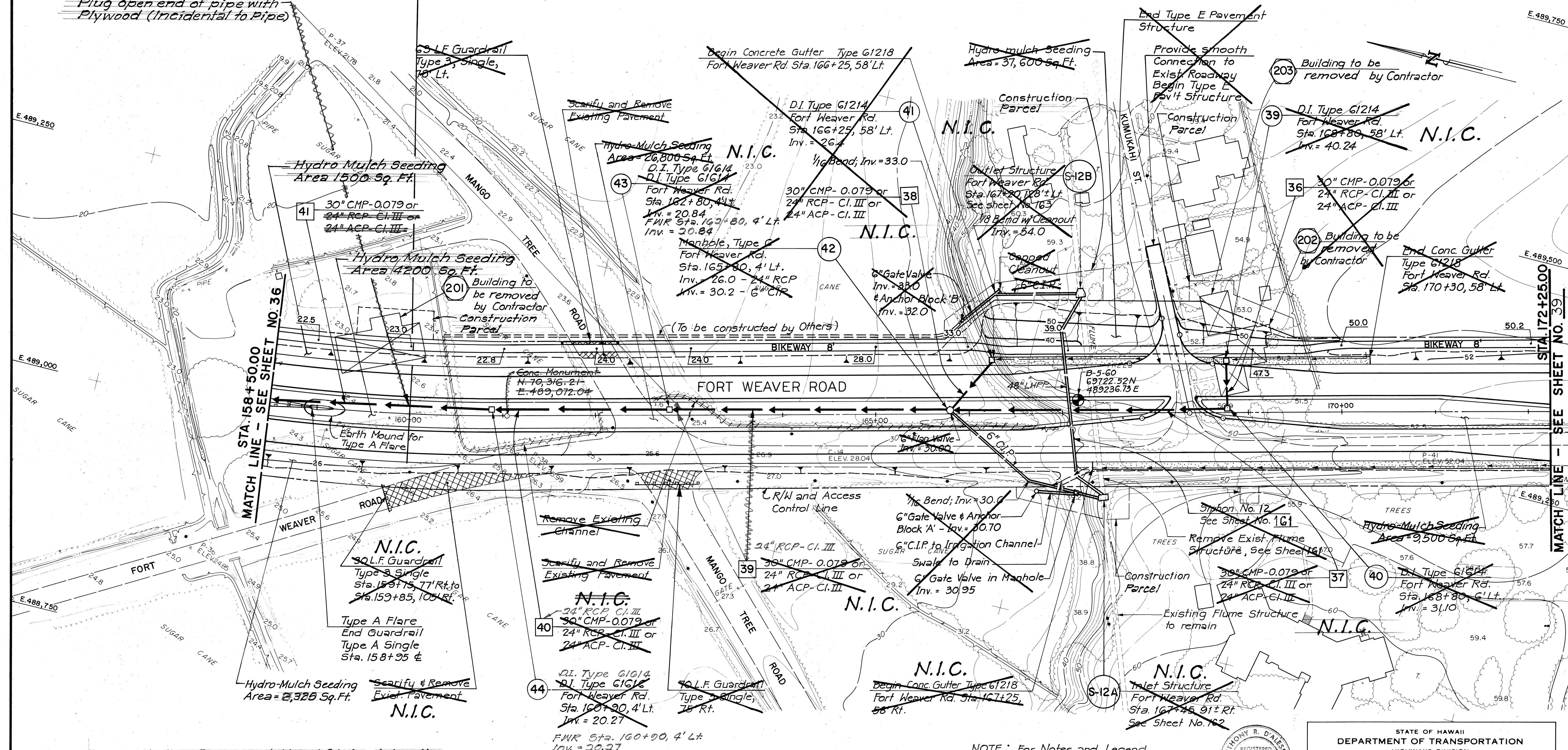
C.O. 37

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	38	277

ROADWAY CONSTRUCTION, GRADING & DRAINAGE - N.I.C.

Install Drainline 41 on a Curved Alignment to Provide Clearance for the Light Standard at Sta. 158+75

Plug open end of pipe with Plywood (Incidental to Pipe)



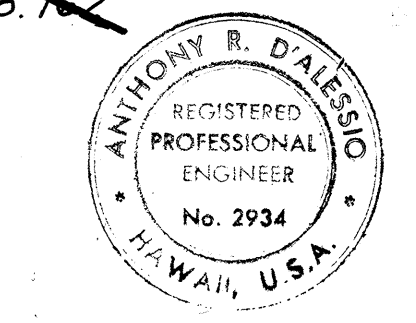
MATCH LINE - SEE SHEET NO. 36

MATCH LINE - SEE SHEET NO. 39

Extended Median Drainage & Moved Stubout Location from Sta. 160+00 to Sta. 162+90. (Extension of drainage system was required when grading work was extended beyond original work limits.)

NOTE: For Notes and Legend, See Sheet No. 32

DATE	REVISION
11/7/80	Added New Construction Parcel at Sta. 160+00.
6/6/80	Demolition & Removal of Bldg. No. 203 to be part of Contract, per Addendum No. 1.

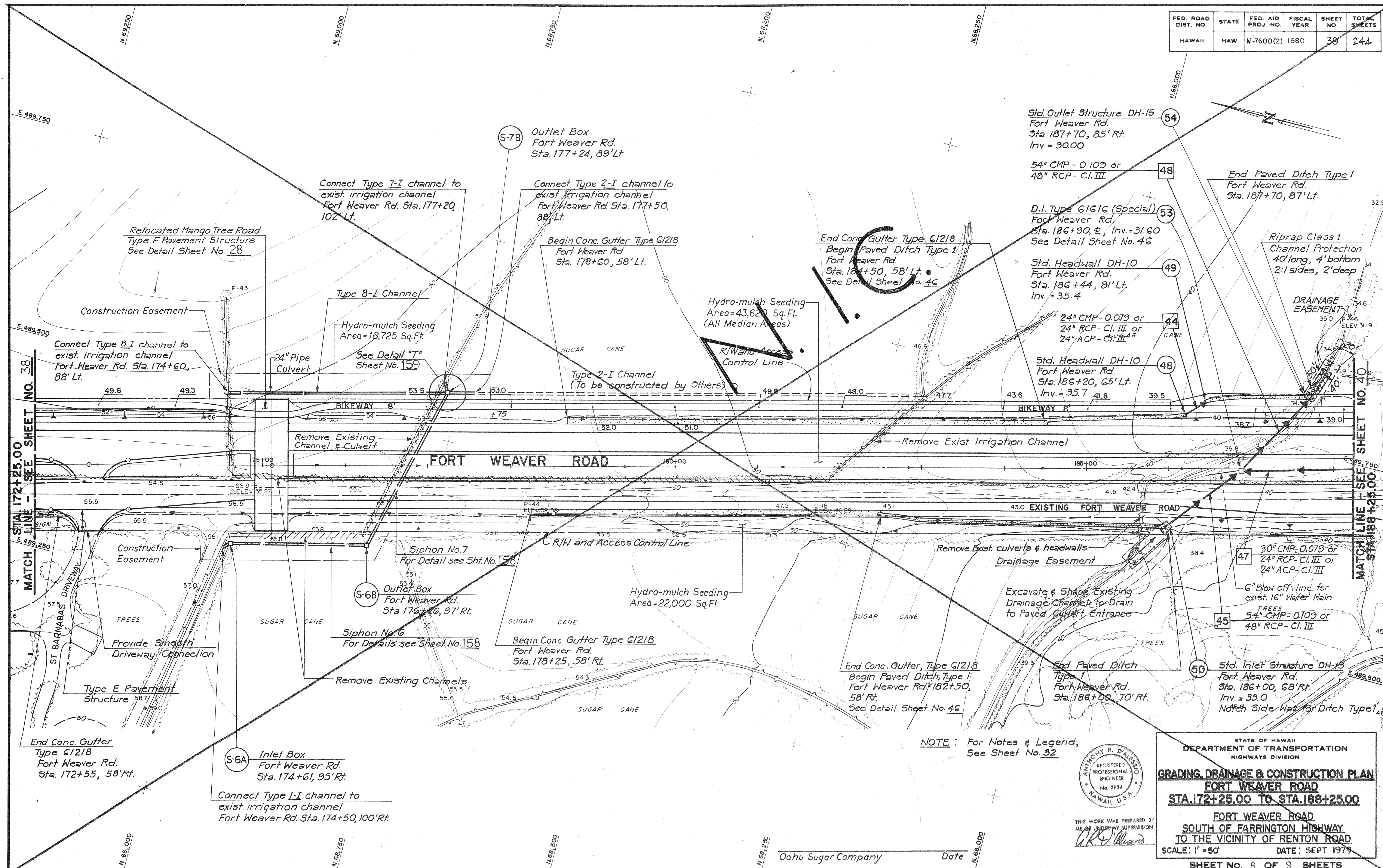


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 158+50.00 TO STA. 172+25.00
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
SCALE: 1" = 50' DATE: SEPT 1979
SHEET No. 7 OF 9 SHEETS

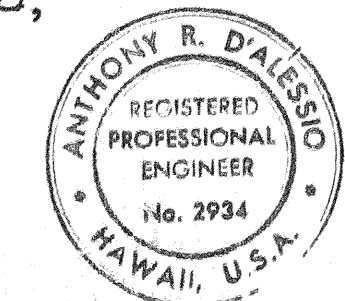
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	39	244



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____

NOTE: For Notes & Legend, See Sheet No. 32



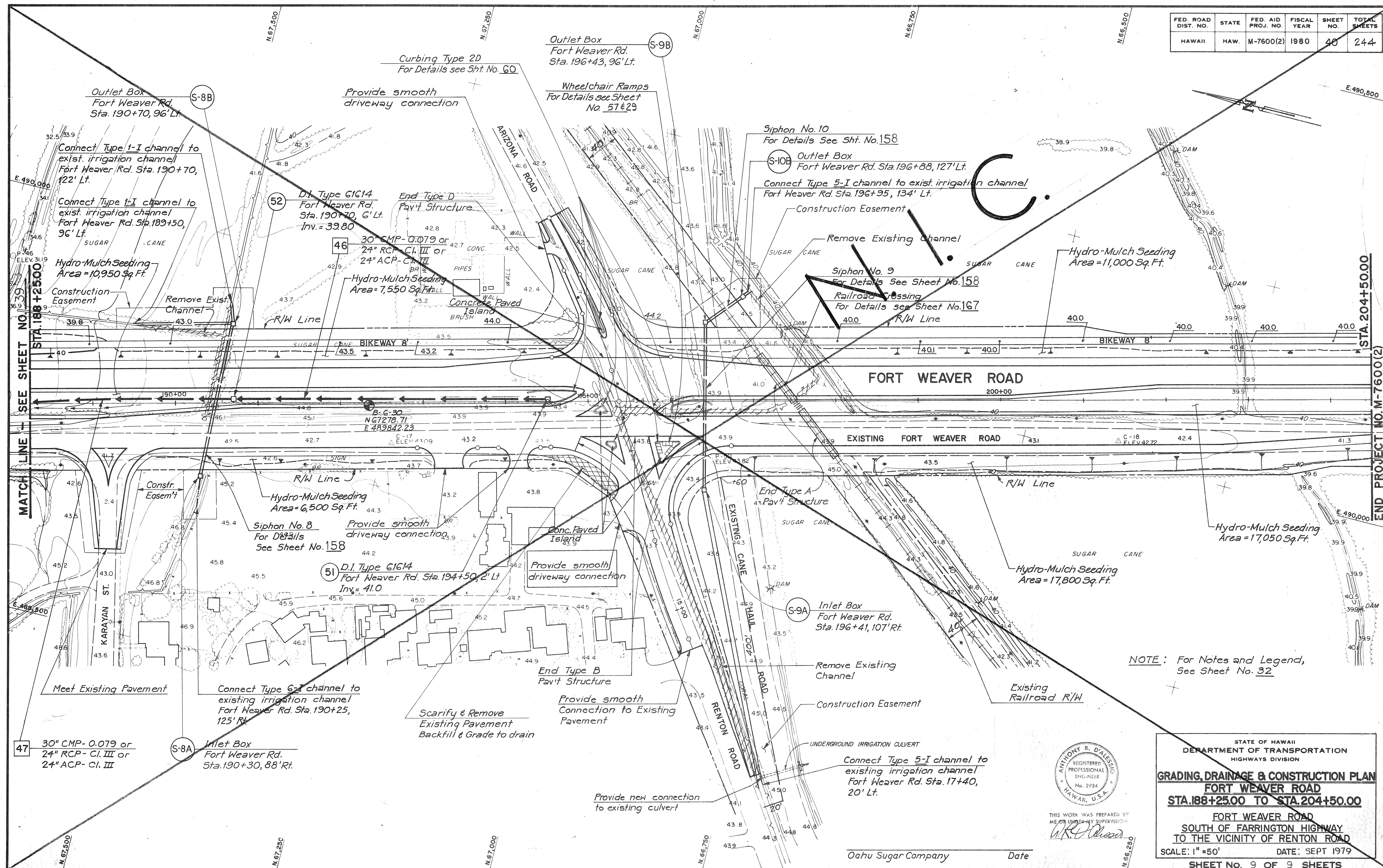
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
A.R.D.

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
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
 SCALE: 1" = 50'
 DATE: SEPT 1979

Oahu Sugar Company Date

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	40	244



DATE _____
 SURVEY PLOTTED BY _____
 DESIGNED BY _____
 CHECKED BY _____
 ORIGINAL PLAN _____
 NOTE BOOK _____



THIS WORK WAS PREPARED BY
 MECHANICAL SUPERVISOR
 W.R. [Signature]

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

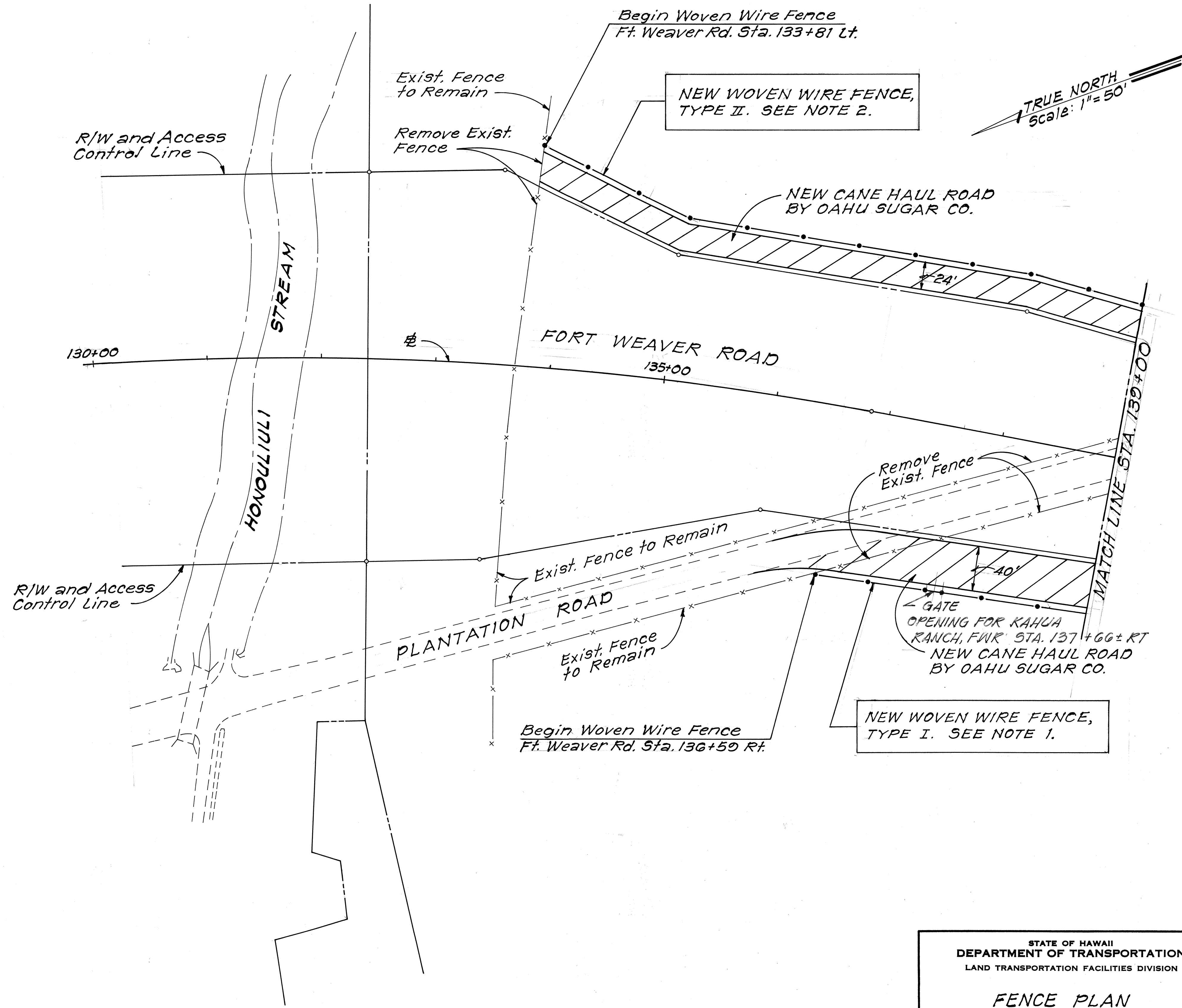
GRADING, DRAINAGE & CONSTRUCTION PLAN
FORT WEAVER ROAD
STA. 188+25.00 TO STA. 204+50.00

FORT WEAVER ROAD
 SOUTH OF FARRINGTON HIGHWAY
 TO THE VICINITY OF RENTON ROAD

SCALE: 1" = 50' DATE: SEPT 1979
 SHEET NO. 9 OF 9 SHEETS

Oahu Sugar Company Date _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1981	0040 5-1	244



CONSTRUCTION NOTES

1. Install Woven Wire Fence with Fabric located at perpendicular distance of 49' from R/W and Access Control Line.
2. Install Woven Wire Fence with Fabric located at perpendicular distance of 33' from R/W and Access Control Line.
3. Install Chain Link Fence with Fabric located at R/W and Access Control Line.
4. Install Woven Wire Fence with Fabric located at perpendicular distance of 2' from R/W and Access Control Line.
- ~~5. Install Edge of Gate at 15' from end of New Fence. Verify in field with the Engineer.~~

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
NOTE BOOK	QUANTITIES BY	
No.	CHECKED BY	

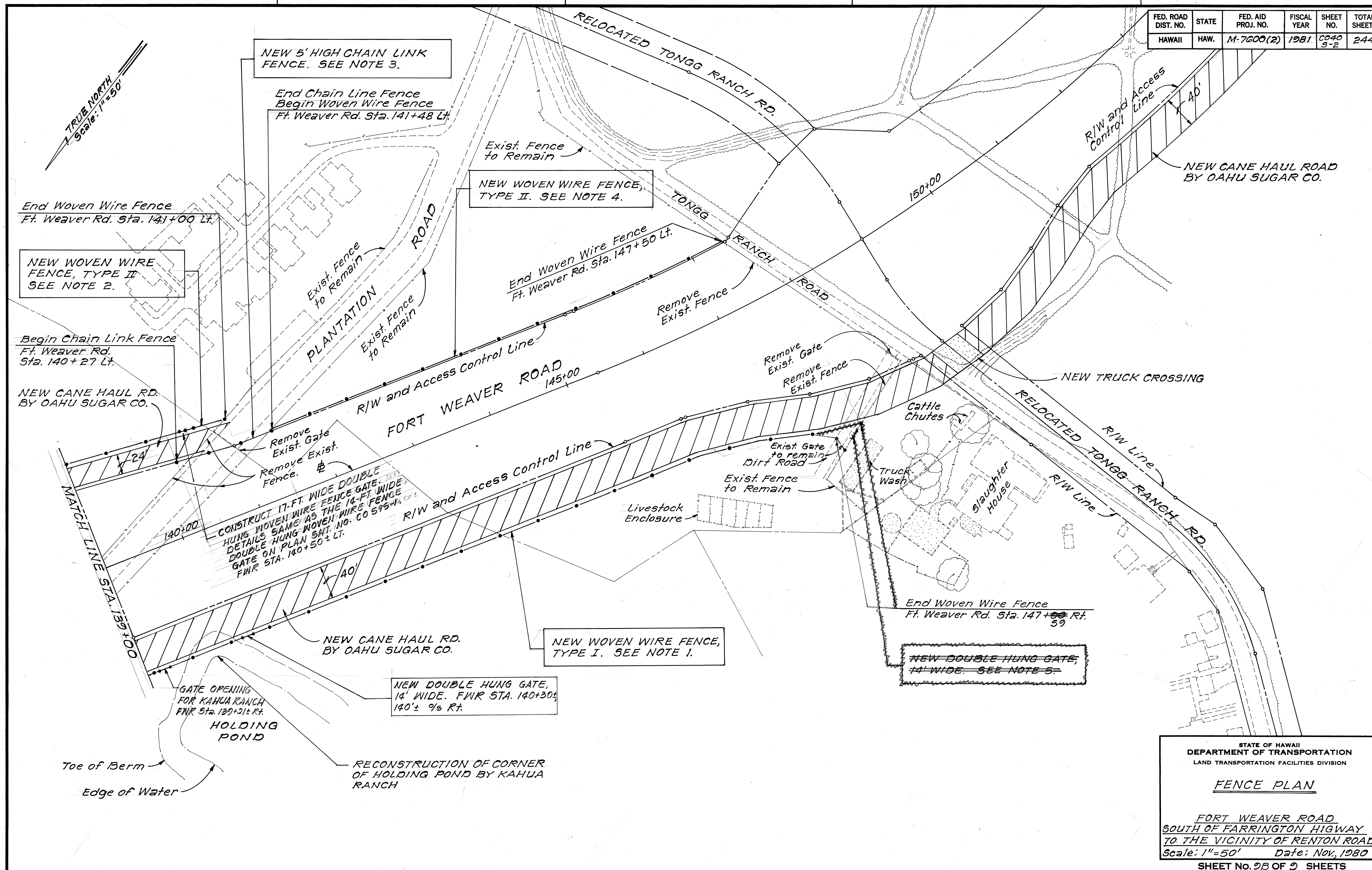
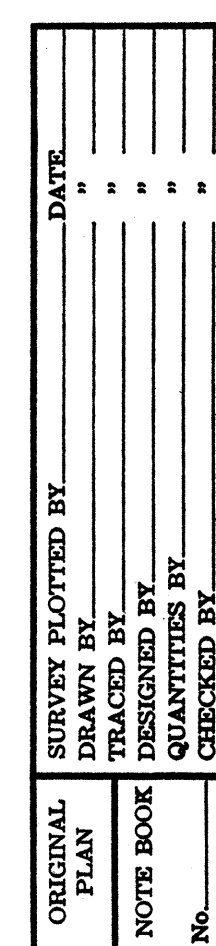
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

FENCE PLAN

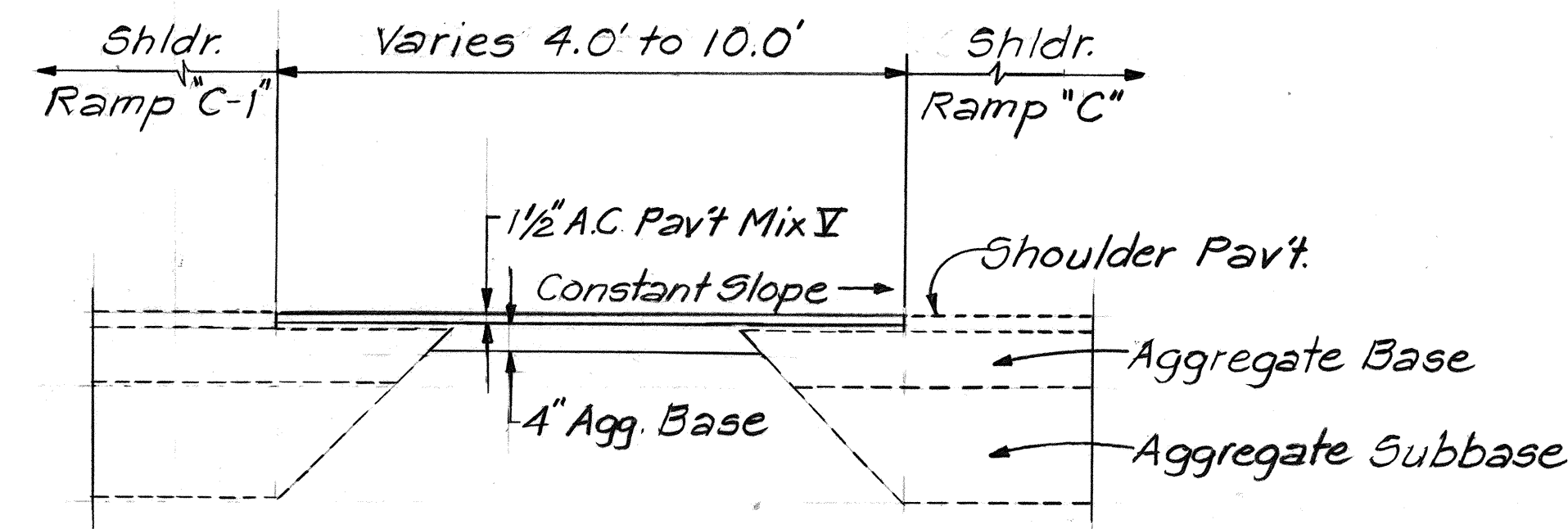
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
Scale: 1"=50' Date: Nov, 1980

SHEET No. 2A OF 2 SHEETS

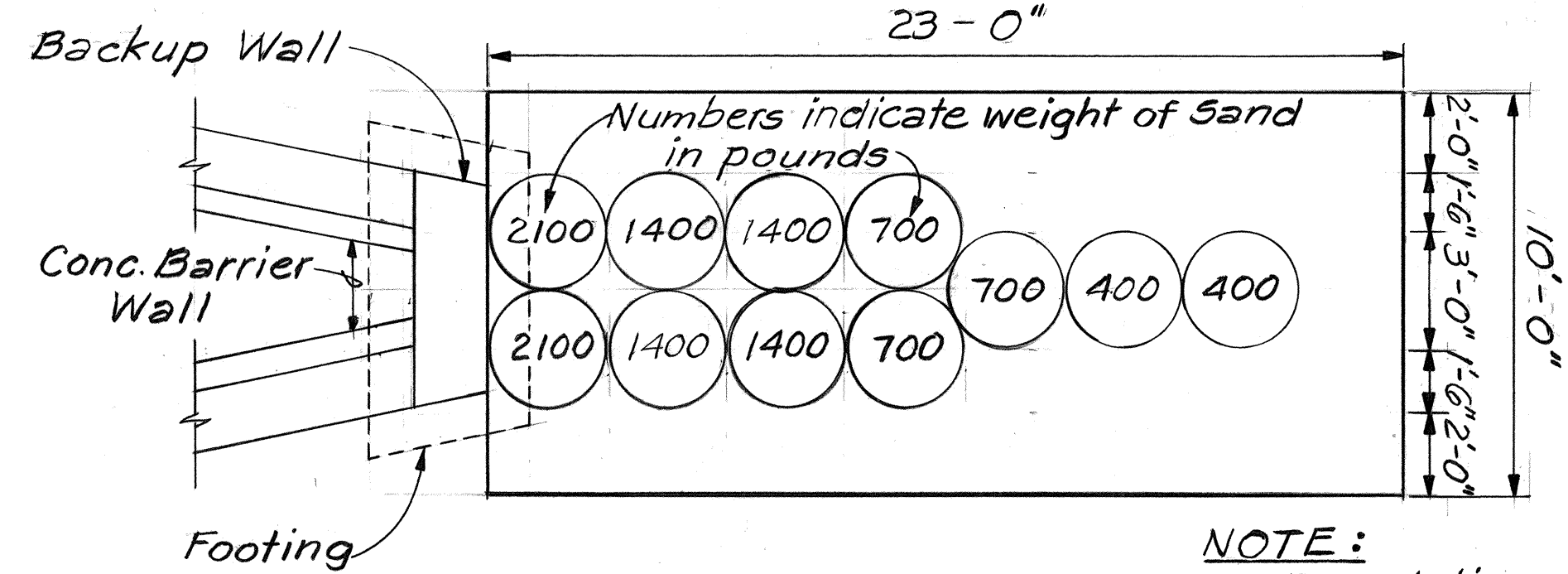
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	M-7600(2)	1981	C040 3-2	244



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	C.O. 405-3	244

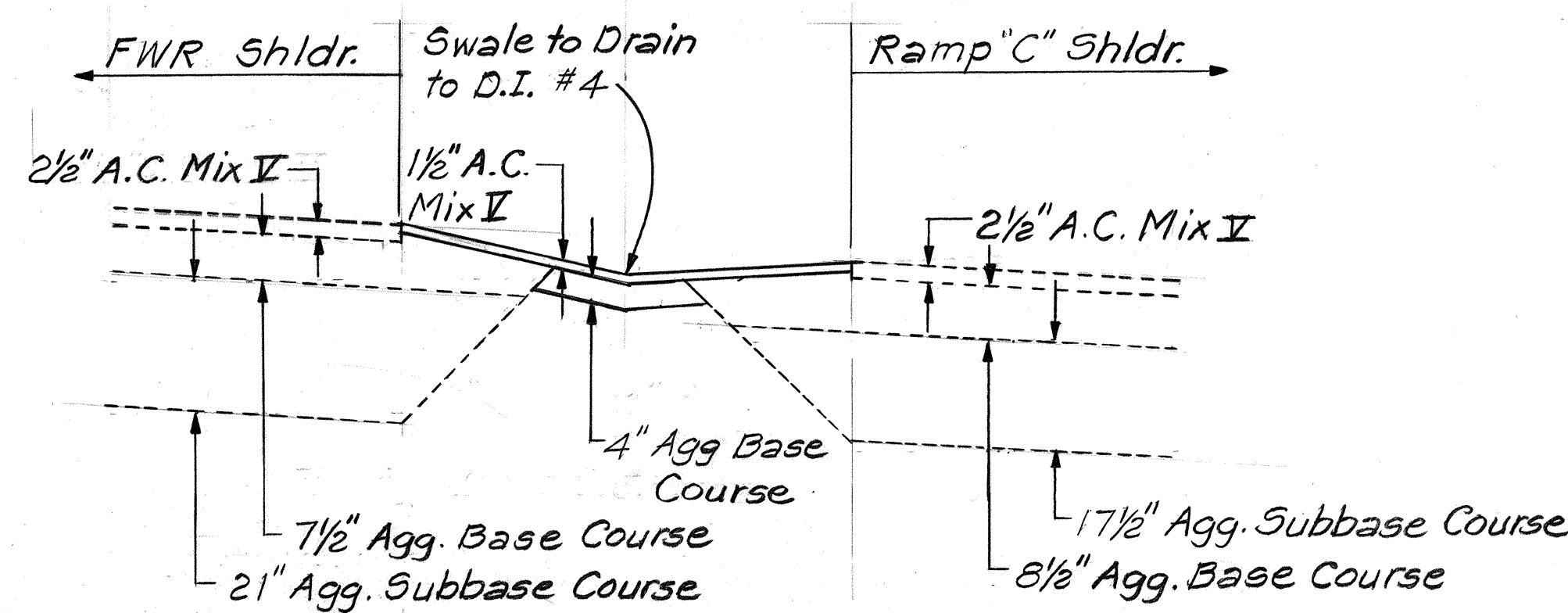


TYPICAL SECTION "A"
GORE AREA PAVEMENT
 Scale : 1/2" = 1' - 0"



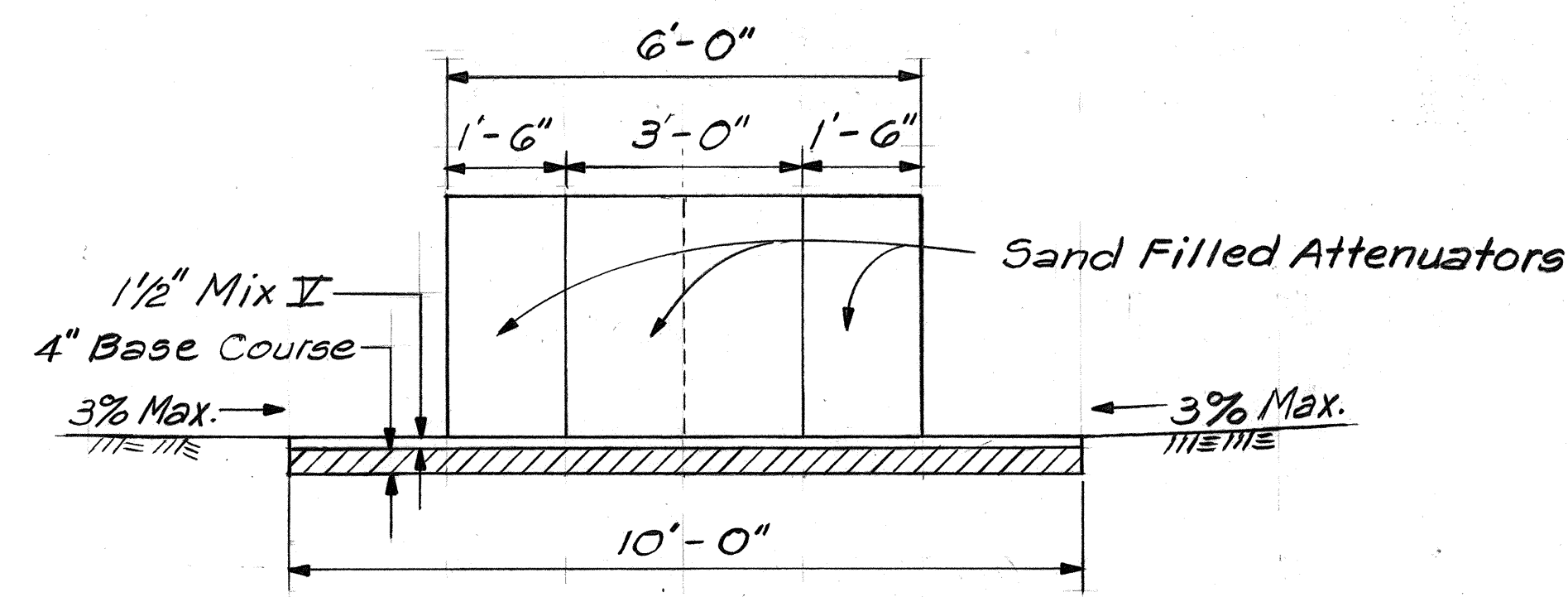
NOTE:
 Foundation Plan Typical for
 North and South Abutments.

PLAN VIEW
 Scale : 1/4" = 1' - 0"



TYPICAL SECTION "B"
 Scale : 1/2" = 1' - 0"

GORE TREATMENTS AT
RAMP "C-1" & "C"
RAMP "C" & F.W.R.
 Scale : As Shown



FRONT ELEVATION
 Scale : 1/2" = 1' - 0"

DETAIL OF FITCH INERTIAL BARRIER SYSTEM
(SAND BARREL ATTENUATION DEVICE)
 Scale : As Shown

THIS TRACING PREPARED
 DURING "AS-BUILT" POSTING

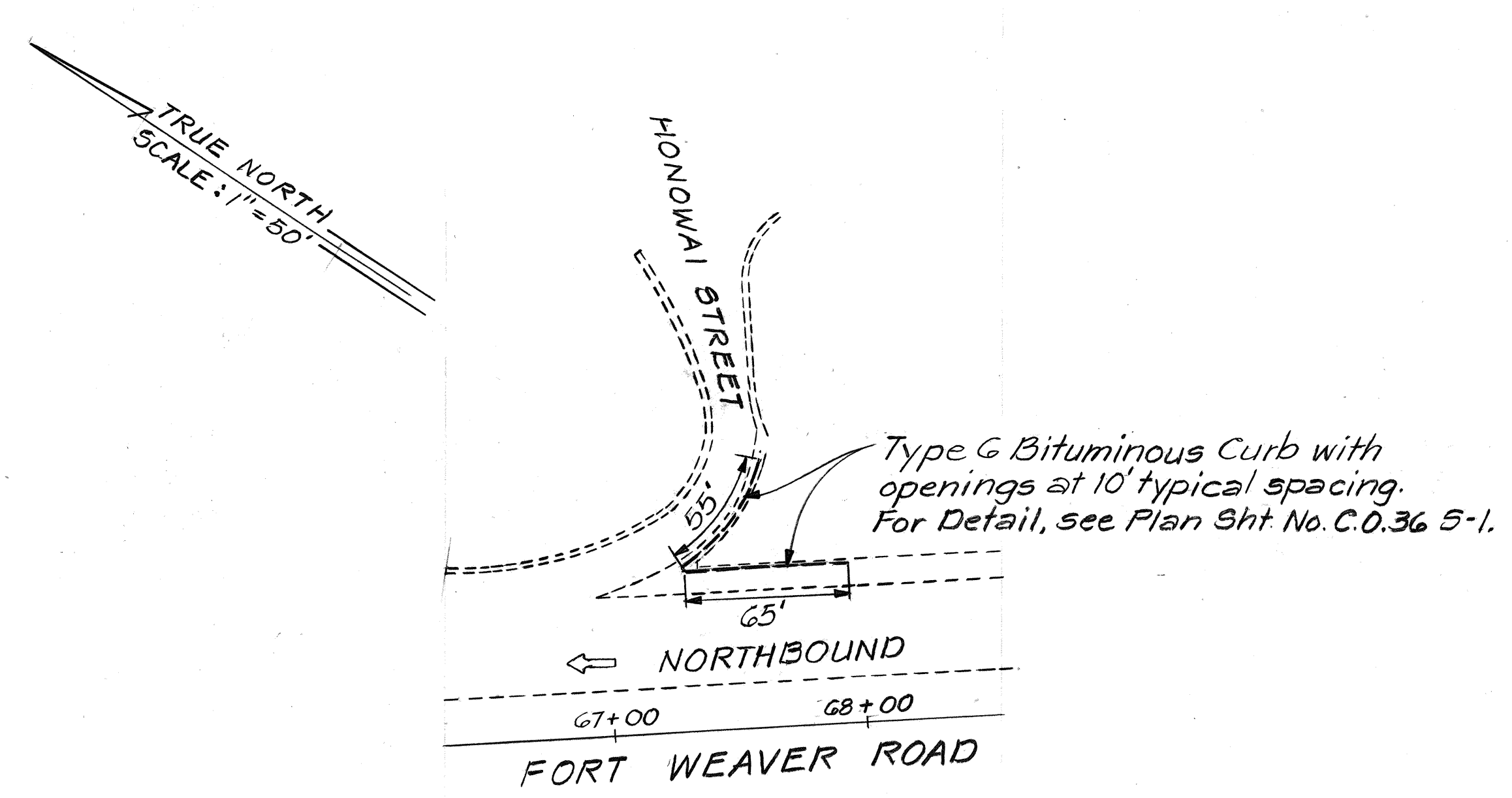
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**TYPICAL SECTIONS AND
 INERTIAL BARRIER DETAIL**
 FORT WEAVER ROAD
 SOUTH OF FARRINGTON HIGHWAY
 TO THE VICINITY OF RENTON ROAD
 SCALE: AS SHOWN DATE: JULY 1984

SHEET No. 20 OF 2 SHEETS

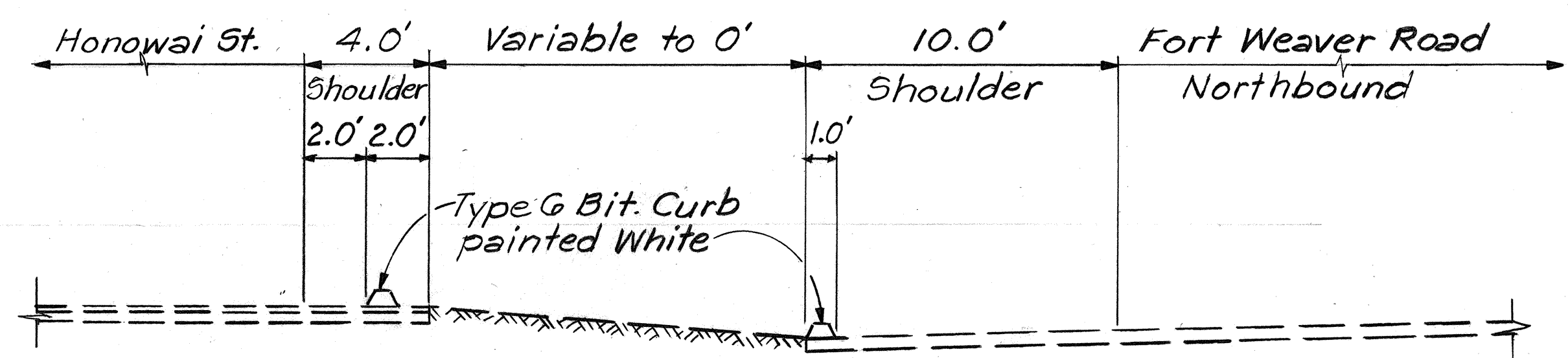
C.O. 40S-3

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	C.O. 40S-4	244

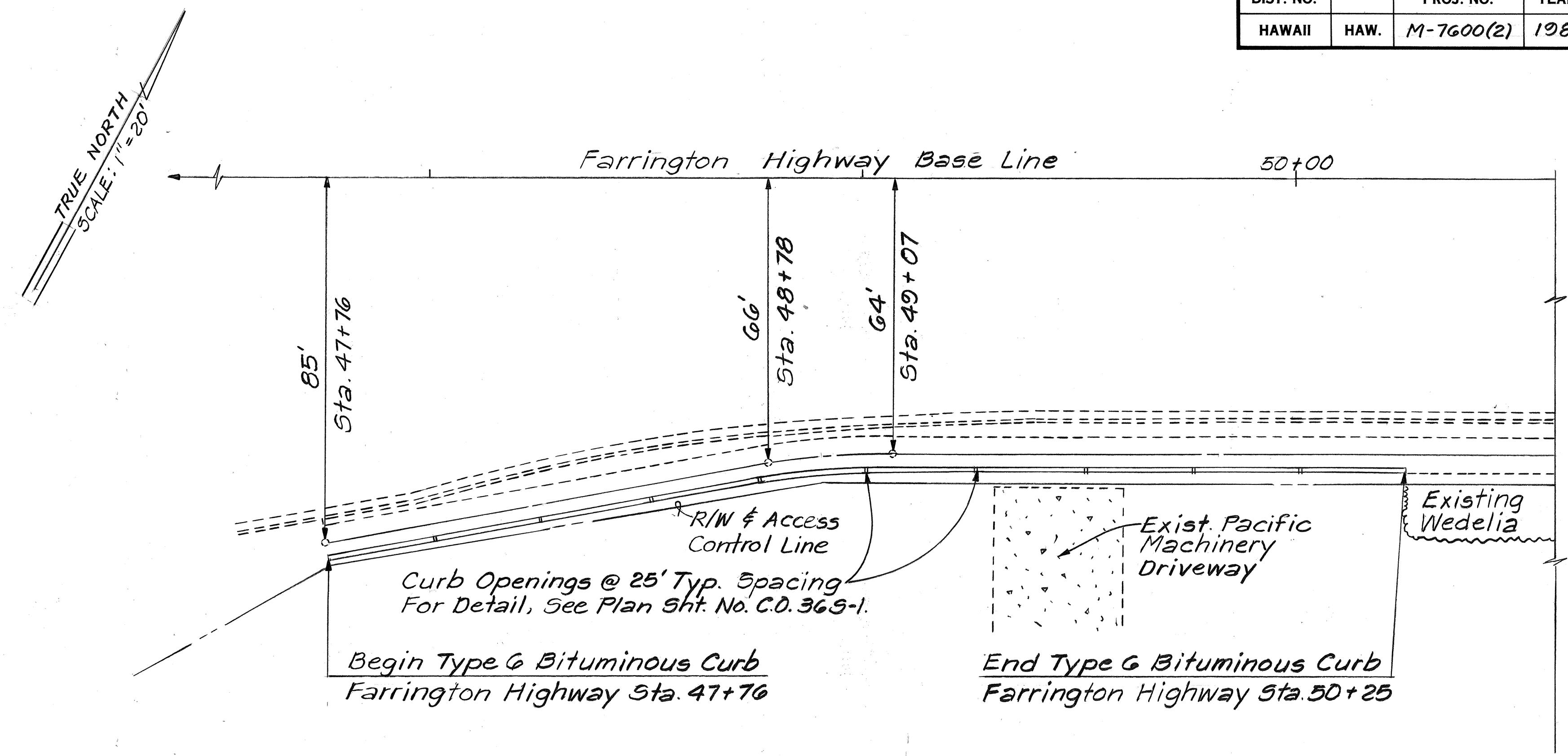


PLAN
Scale: 1" = 50'

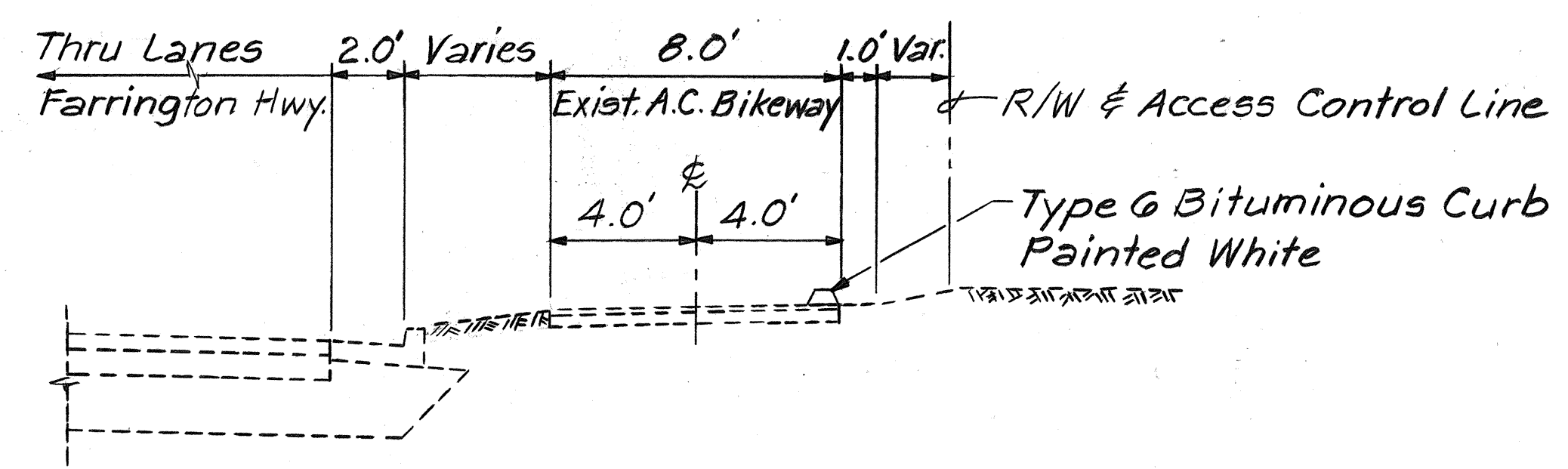


**TYPICAL SECTION
HONOWAI ST. GORE AREA**
Scale: 1/4" = 1'-0"

**BITUMINOUS CURB INSTALLATION AT
HONOWAI STREET & FORT WEAVER ROAD**
Scale: As Shown



LAYOUT PLAN
Scale: 1" = 20'



**TYPICAL SECTION
STA. 47+76 TO STA. 50+25**
Scale: 1/4" = 1'-0"

**BITUMINOUS CURB INSTALLATION ON
BIKEWAY ALONG FARRINGTON HIGHWAY**
Scale: As Shown

THIS TRACING PREPARED
DURING "AS-BUILT" POSTING

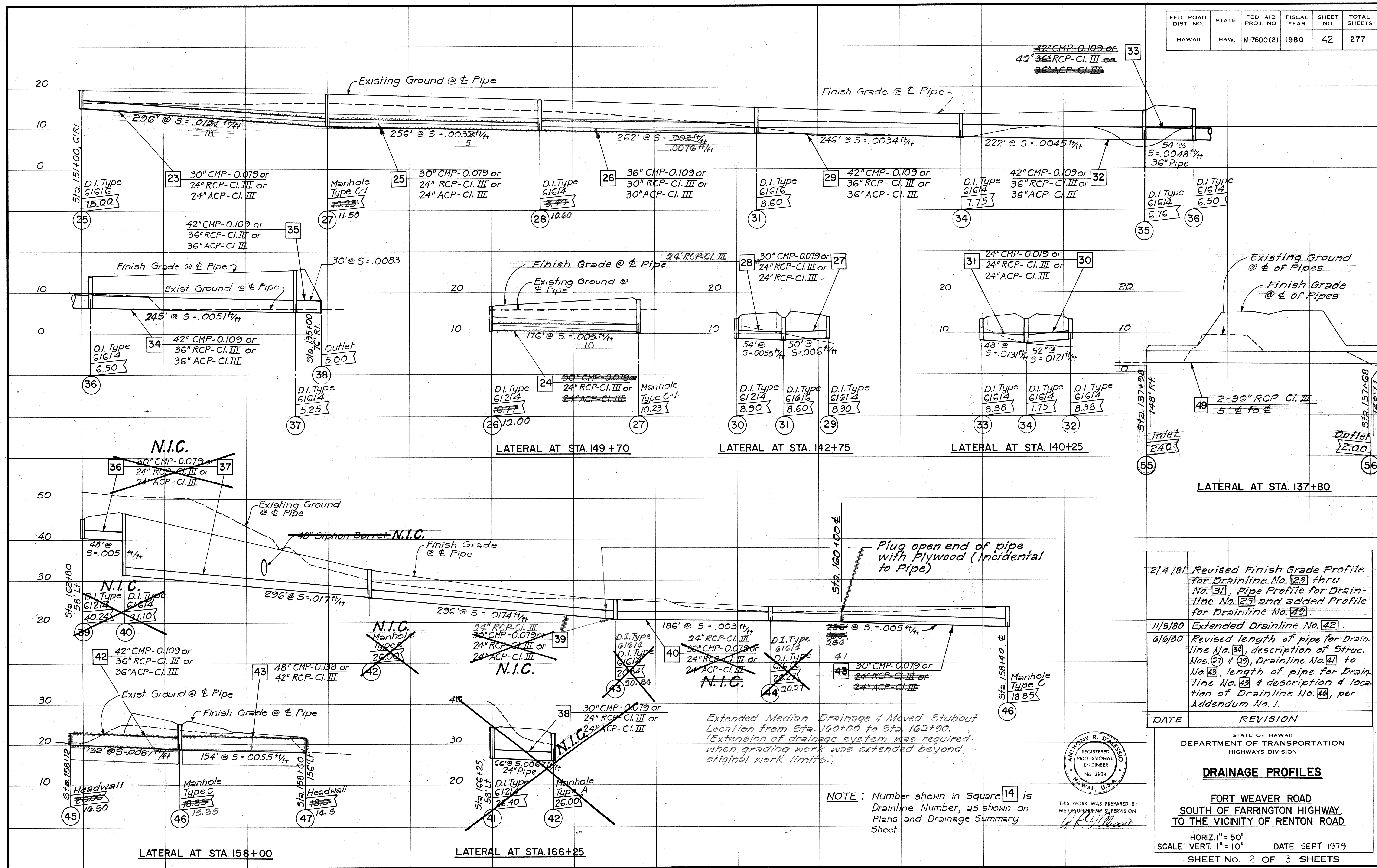
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**CURB INSTALL. ALONG FARRINGTON
HWY. AND HONOWAI ST.**
FORT WEAVER ROAD
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD
SCALE: AS SHOWN DATE: JULY 1984

SHEET No. 30 OF 30 SHEETS

C.O. 40S-4

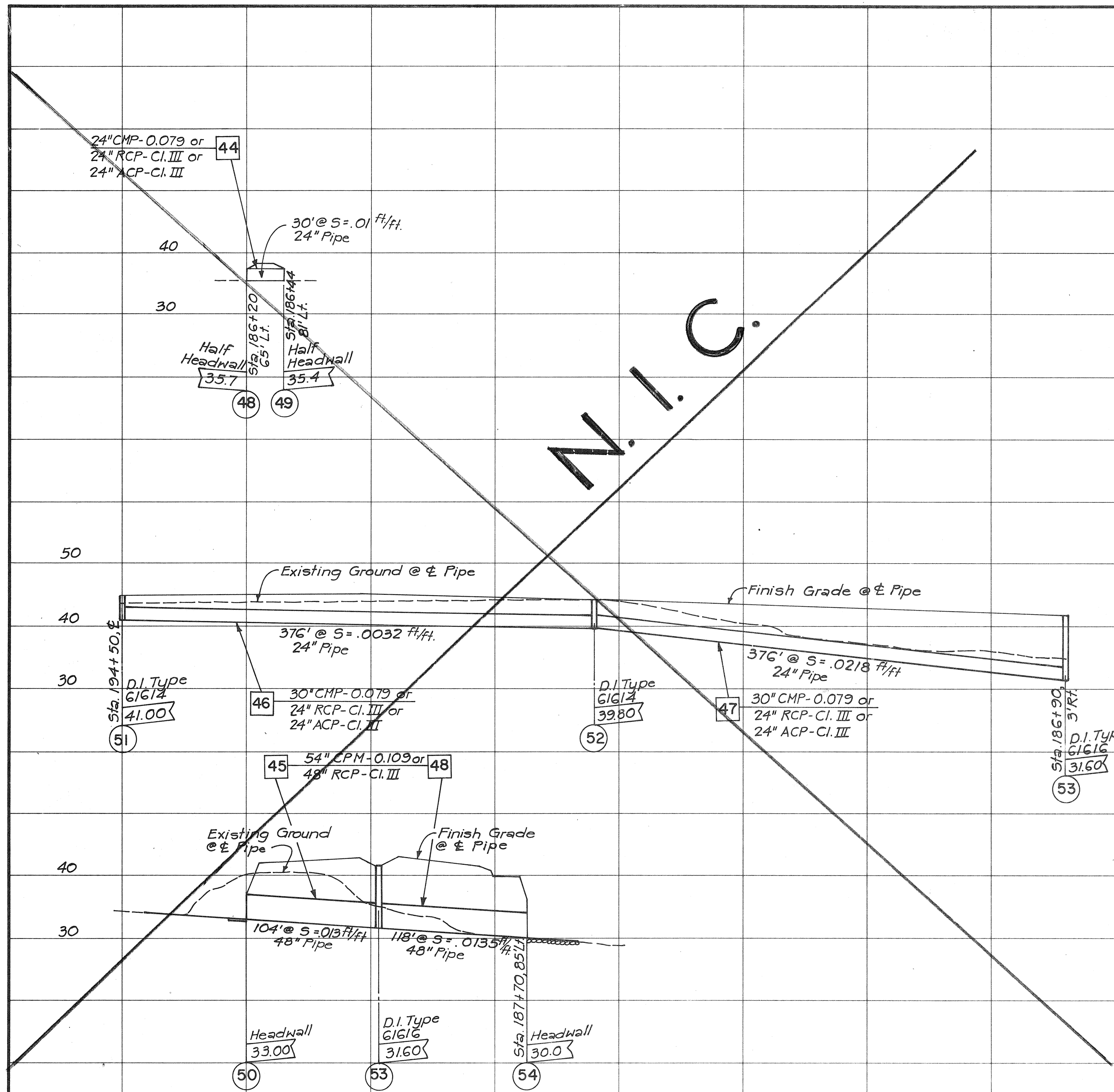
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600(2)	1980	42	277

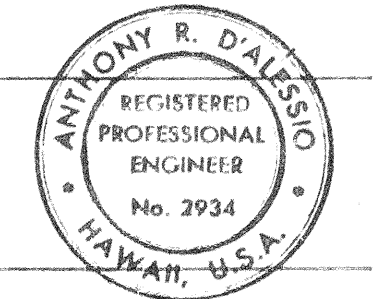


C O 42R

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	M-7600 (2)	1980	43	244



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
SOUTH OF FARRINGTON HIGHWAY
TO THE VICINITY OF RENTON ROAD

HORIZ. 1" = 50'
SCALE: VERT. 1" = 10' DATE: SEPT 1979

SHEET No. 3 OF 3 SHEETS