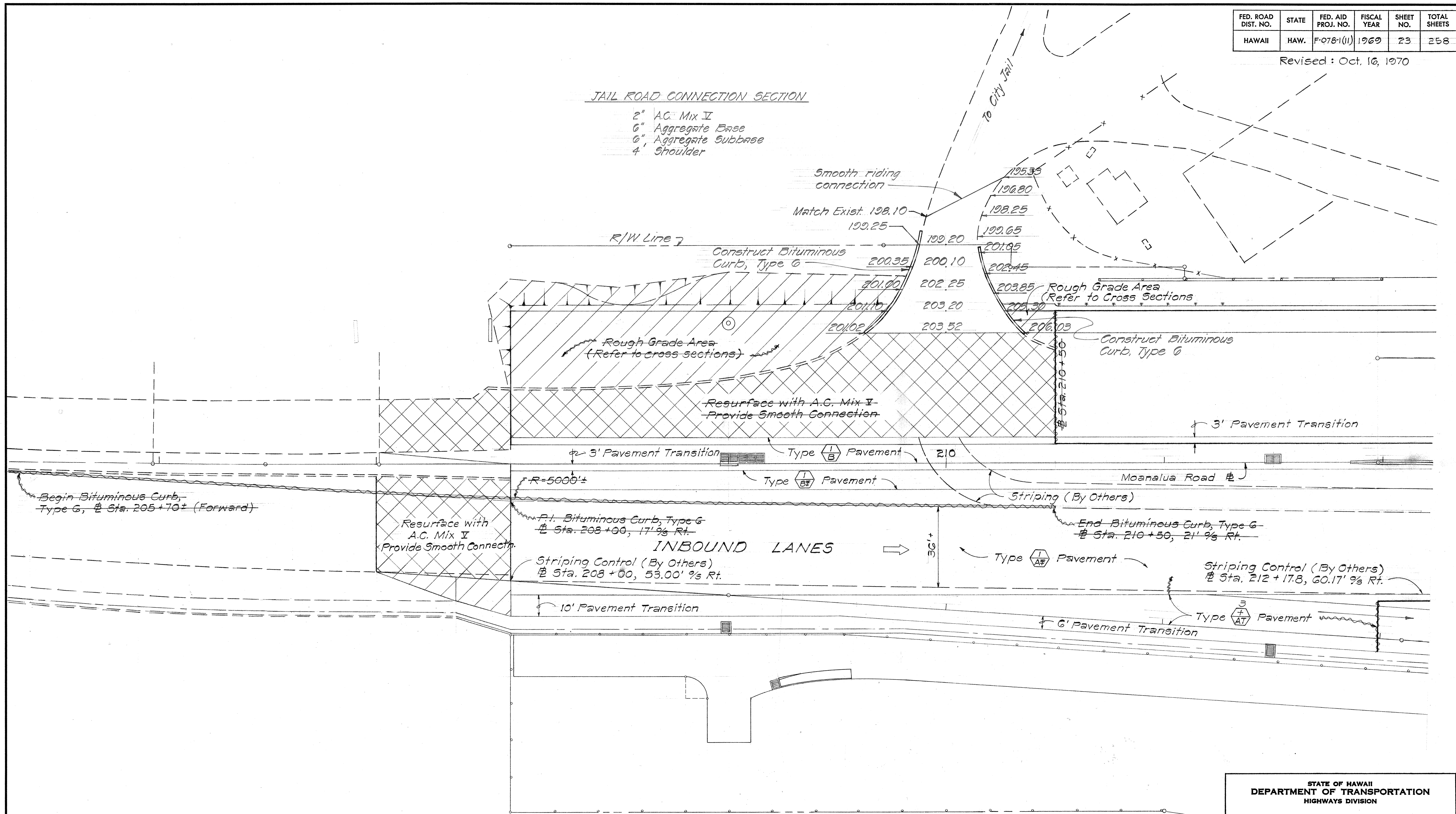


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	23	258

Revised : Oct. 16, 1970



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale : 1" = 20' Date : May, 1970

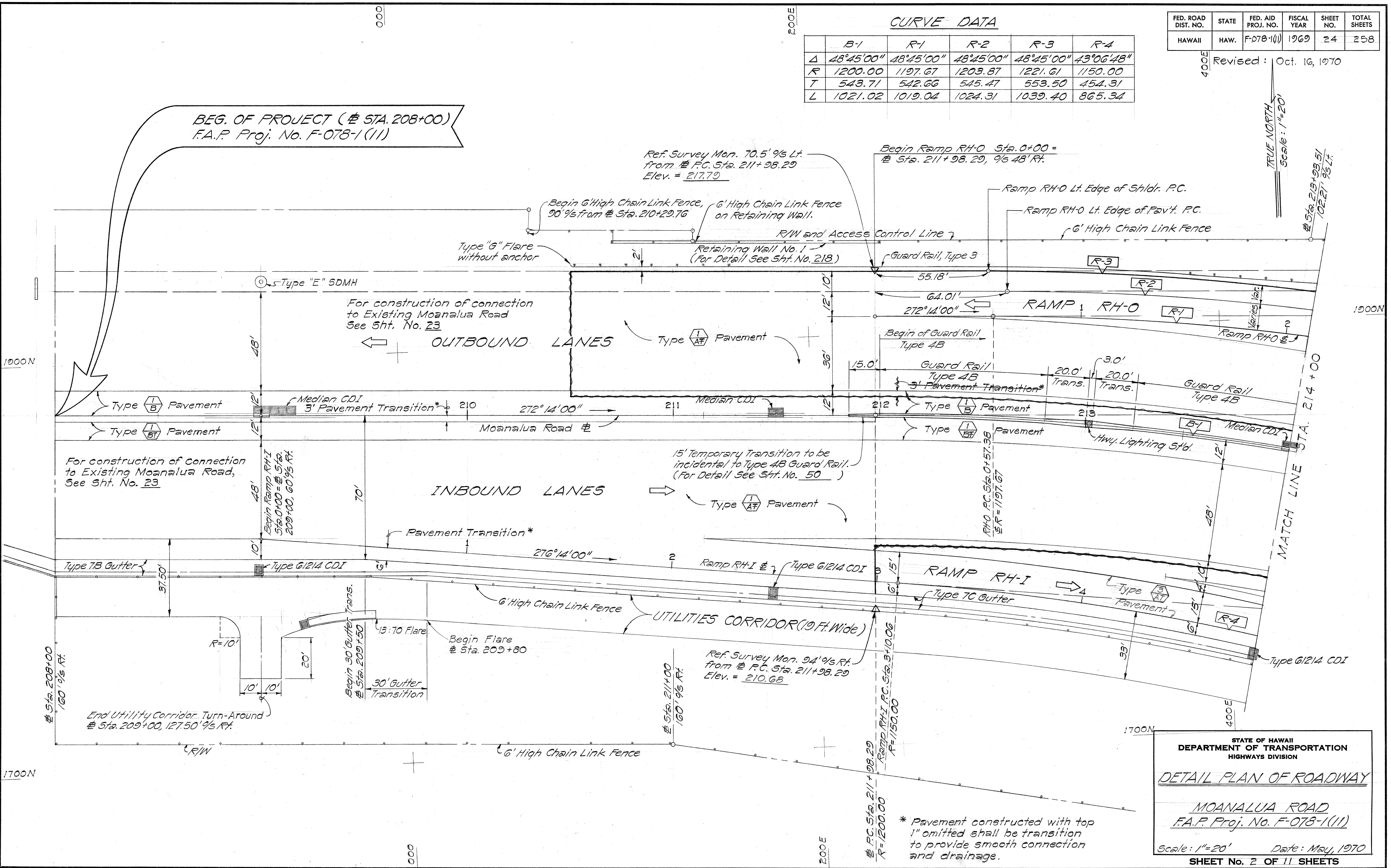
SHEET No. 1 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	24	258

CURVE DATA

	B-1	R-1	R-2	R-3	R-4
Δ	48°45'00"	48°45'00"	48°45'00"	48°45'00"	43°06'48"
R	1200.00	1197.67	1203.87	1221.61	1150.00
T	543.71	542.66	545.47	553.50	454.31
L	1021.02	1019.04	1024.31	1039.40	865.34

Revised: Oct. 16, 1970



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

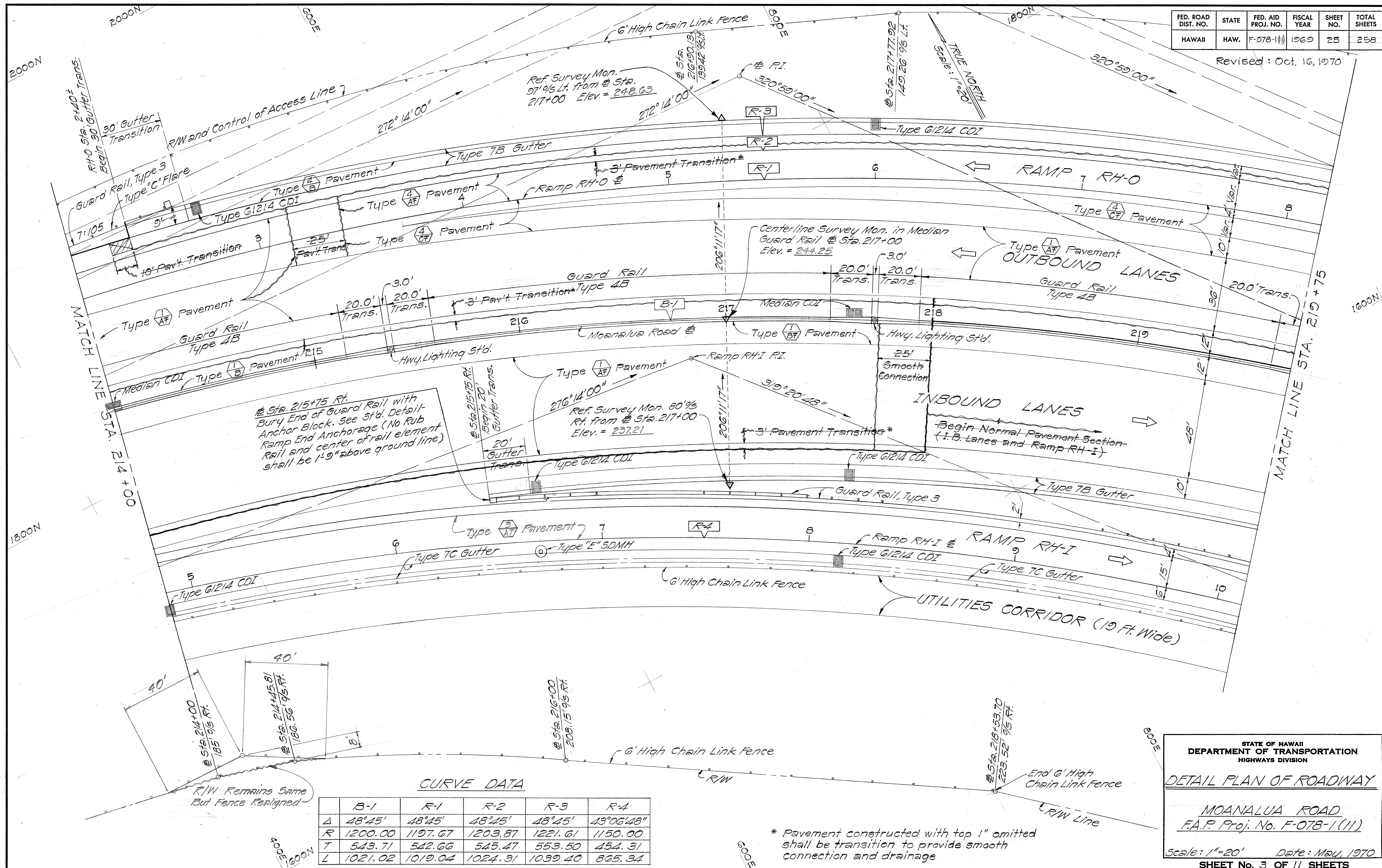
Scale: 1"=20' Date: May, 1970

SHEET No. 2 OF 11 SHEETS

* Pavement constructed with top 1" omitted shall be transition to provide smooth connection and drainage.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(II)	1969	25	258

Revised: Oct. 16, 1970



CURVE DATA

	B-1	R-1	R-2	R-3	R-4
Δ	48°45'	48°45'	48°45'	48°45'	43°06'48"
R	1200.00	1197.67	1203.87	1221.61	1150.00
T	543.71	542.66	545.47	553.50	454.31
L	1021.02	1019.04	1024.31	1039.40	865.34

* Pavement constructed with top 1" omitted shall be transition to provide smooth connection and drainage

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

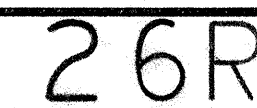
MOANALUA ROAD
F.A.P. Proj. No. F-078-1(II)

Scale: 1"=20' Date: May, 1970

SHEET No. 3 OF 11 SHEETS

SURVEYED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

Revised: Oct. 16, 1970
Apr. 15, 1971
Oct. 29, 1971

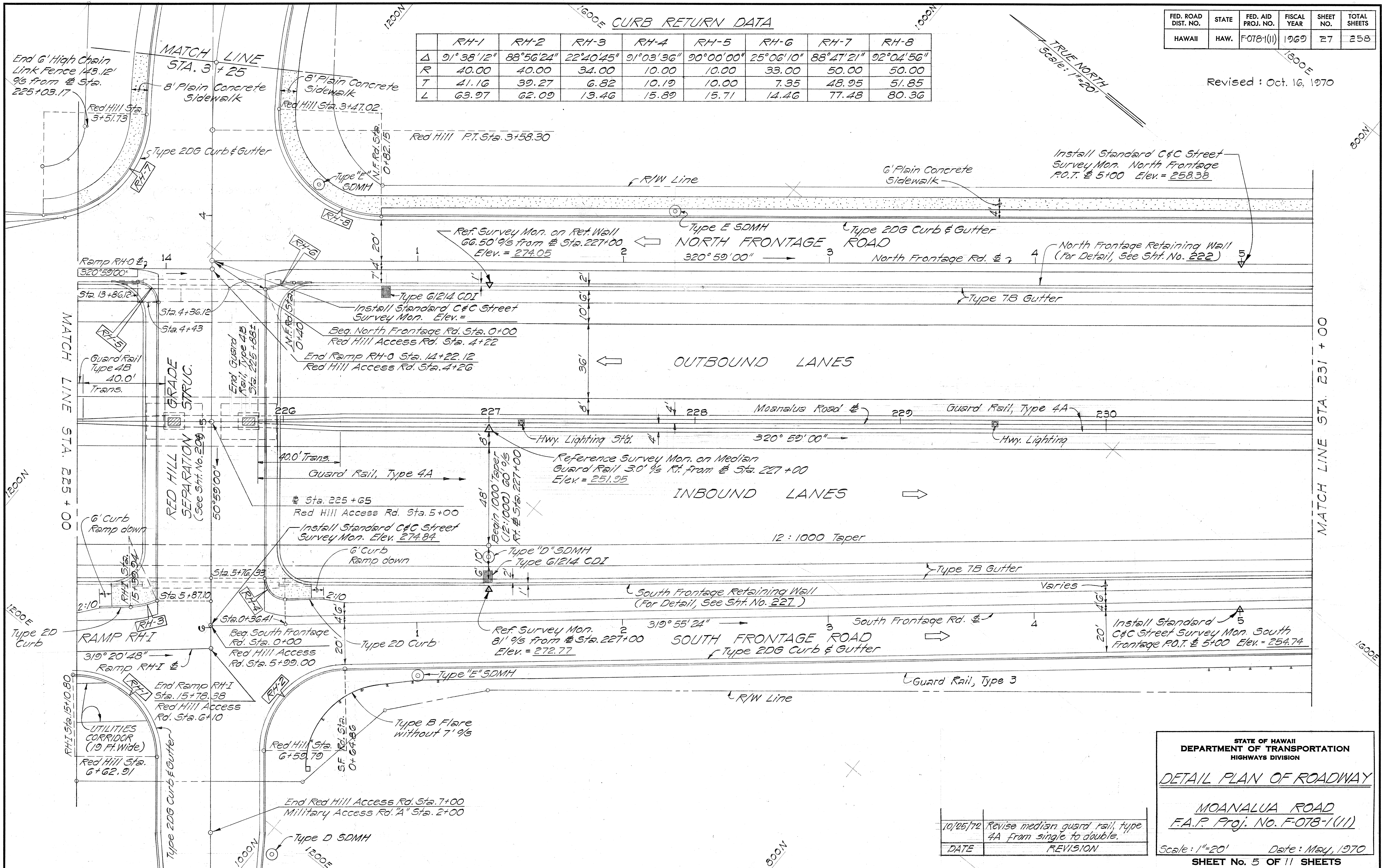


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	27	258

Revised: Oct. 16, 1970

CURB RETURN DATA

	RH-1	RH-2	RH-3	RH-4	RH-5	RH-6	RH-7	RH-8
Δ	91°38'12"	88°56'24"	22°40'45"	91°03'36"	90°00'00"	25°06'10"	88°47'21"	92°04'56"
R	40.00	40.00	34.00	10.00	10.00	33.00	50.00	50.00
T	41.16	39.27	6.82	10.19	10.00	7.35	48.95	51.85
L	63.97	62.09	13.46	15.89	15.71	14.46	77.48	80.36



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

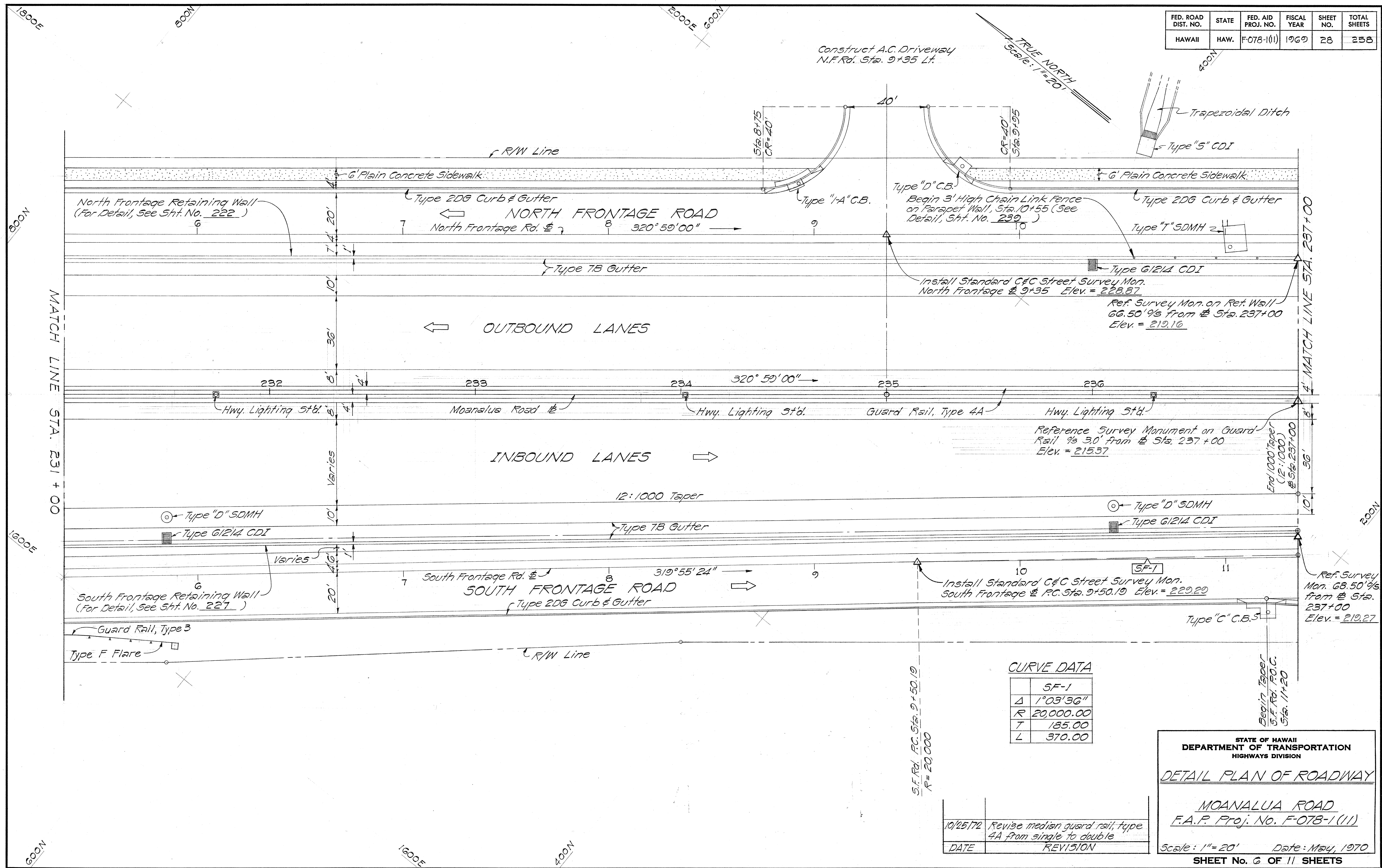
MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1"=20' Date: May, 1970
SHEET No. 5 OF 11 SHEETS

DATE	REVISION
10/25/72	Revise median guard rail, type 4A from single to double.

DATE	REVISION
10/25/72	Revise median guard rail, type 4A from single to double.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	28	258



CURVE DATA

	SF-1
Δ	1°03'36"
R	20,000.00
T	185.00
L	370.00

10/25/72	Revise median guard rail, type 4A from single to double
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1" = 20' Date: May, 1970
SHEET No. 6 OF 11 SHEETS

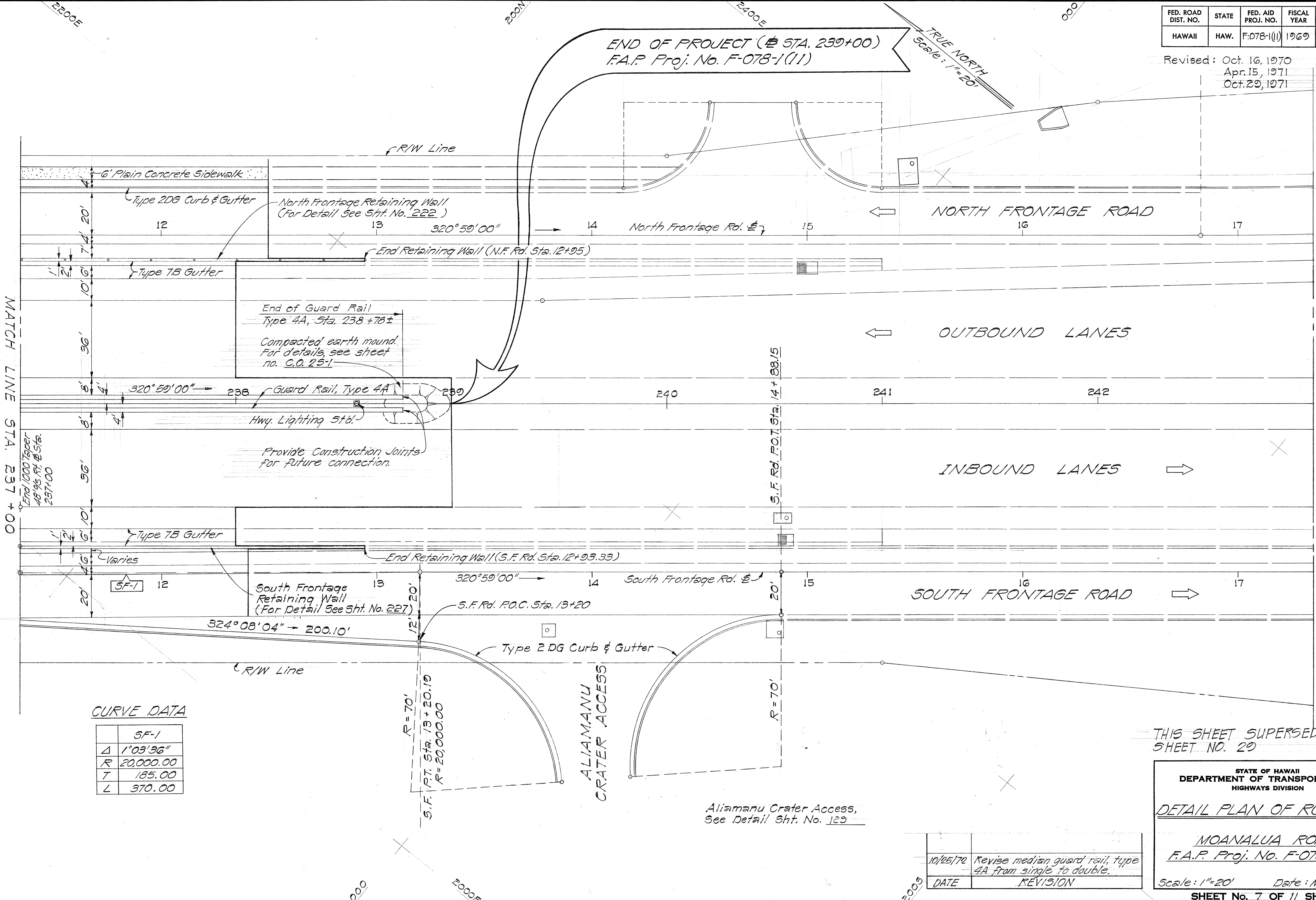
DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	20	258

Revised: Oct. 16, 1970
Apr. 15, 1971
Oct. 29, 1971

END OF PROJECT (Sta. 239+00)
F.A.P. Proj. No. F-078-1(11)

TRUE NORTH
Scale: 1"=20'



CURVE DATA

	SF-1
Δ	1°03'56"
R	20,000.00
T	185.00
L	370.00

THIS SHEET SUPERSEDES SHEET NO. 20

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1"=20' Date: May, 1970
SHEET No. 7 OF 11 SHEETS

DATE	REVISION
10/25/70	Revise median guard rail, type 4A from single to double.

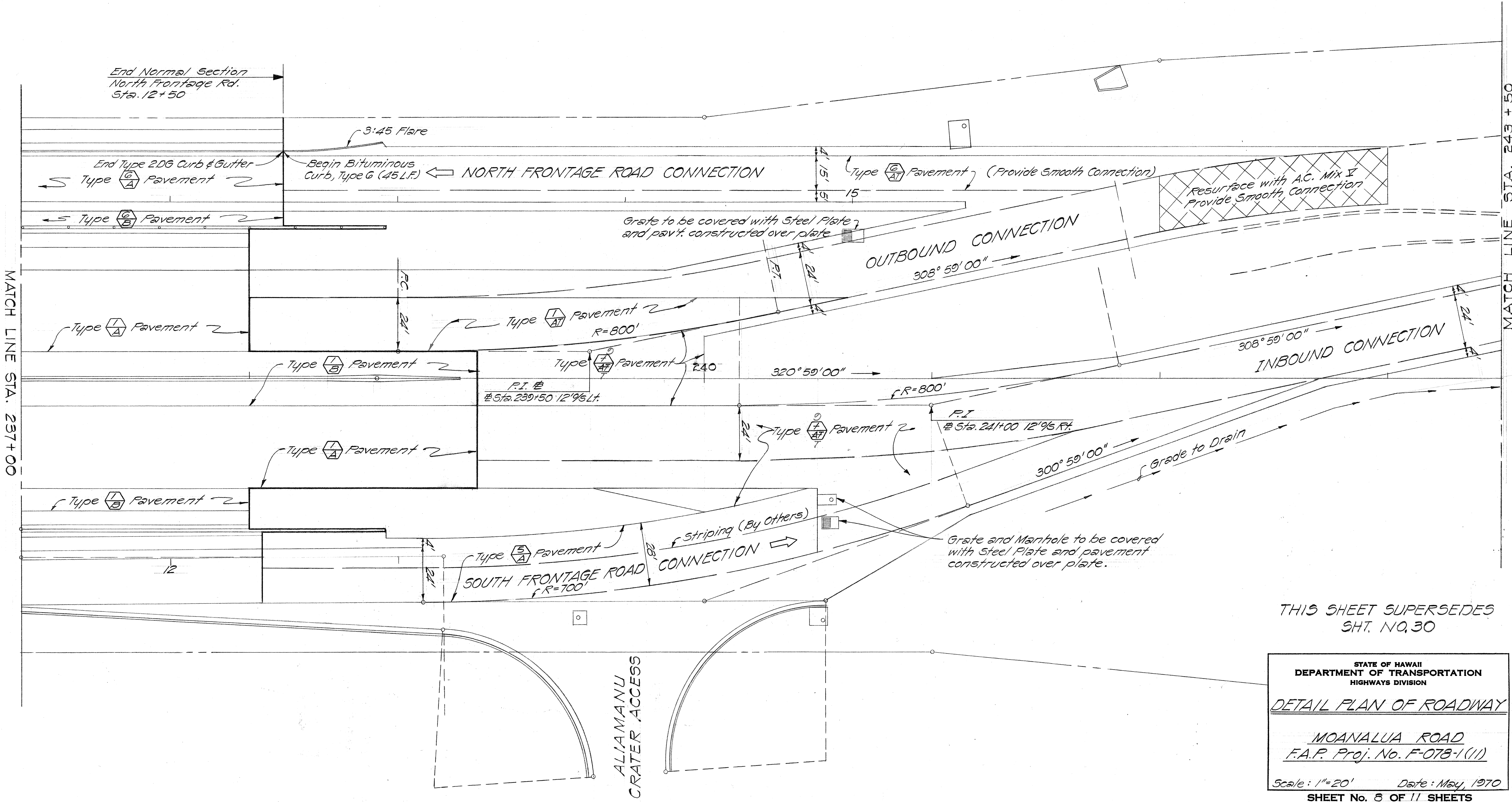
Aliamanu Crater Access,
See Detail Sht. No. 129

ALIAMANU
CRATER ACCESS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	30	258

Revised: Oct. 16, 1970
 Apr. 15, 1971
 Oct. 29, 1971



THIS SHEET SUPERSEDES
 SH. NO. 30

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

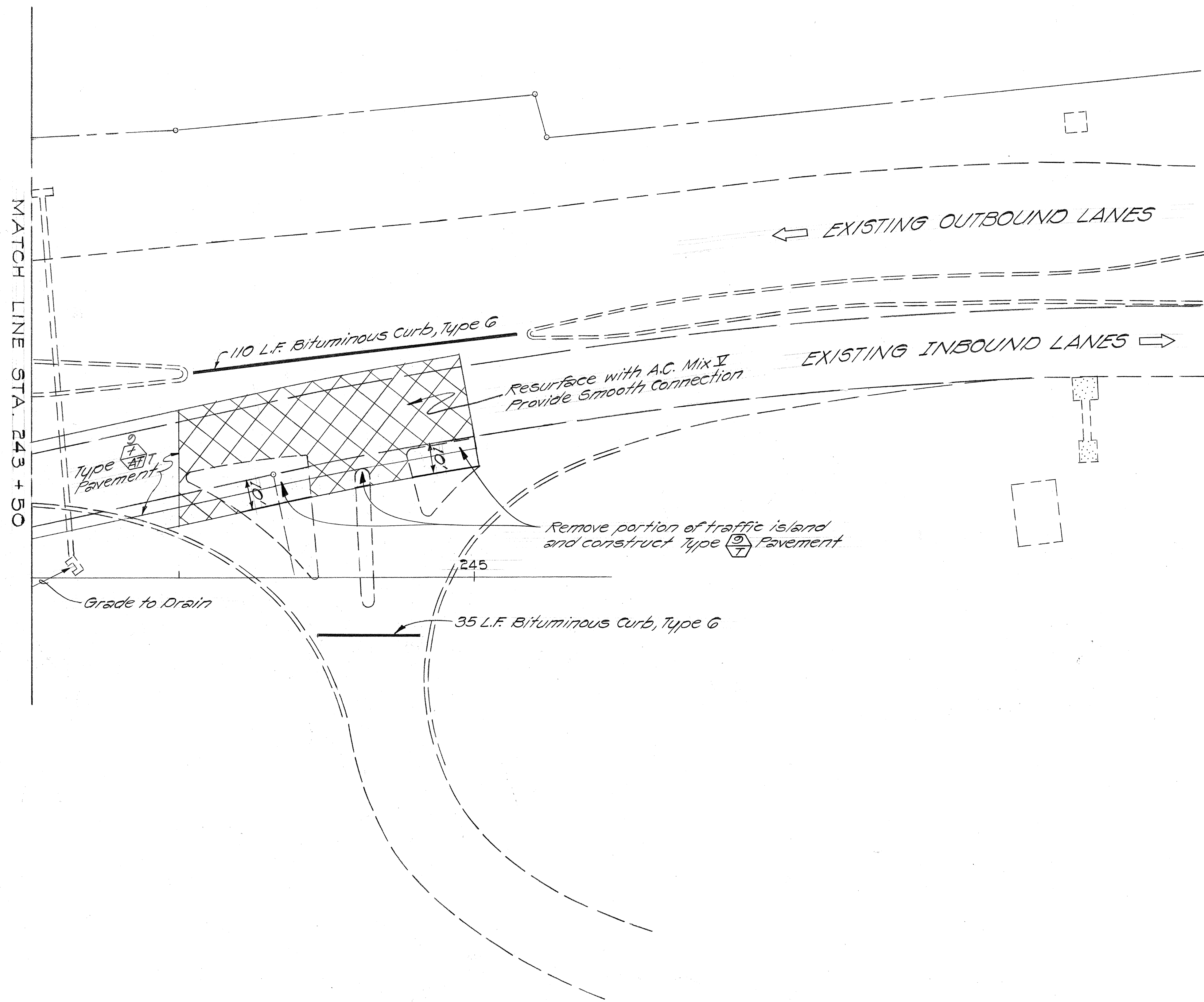
DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1"=20' Date: May, 1970
SHEET No. 8 OF 11 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	31	258



ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

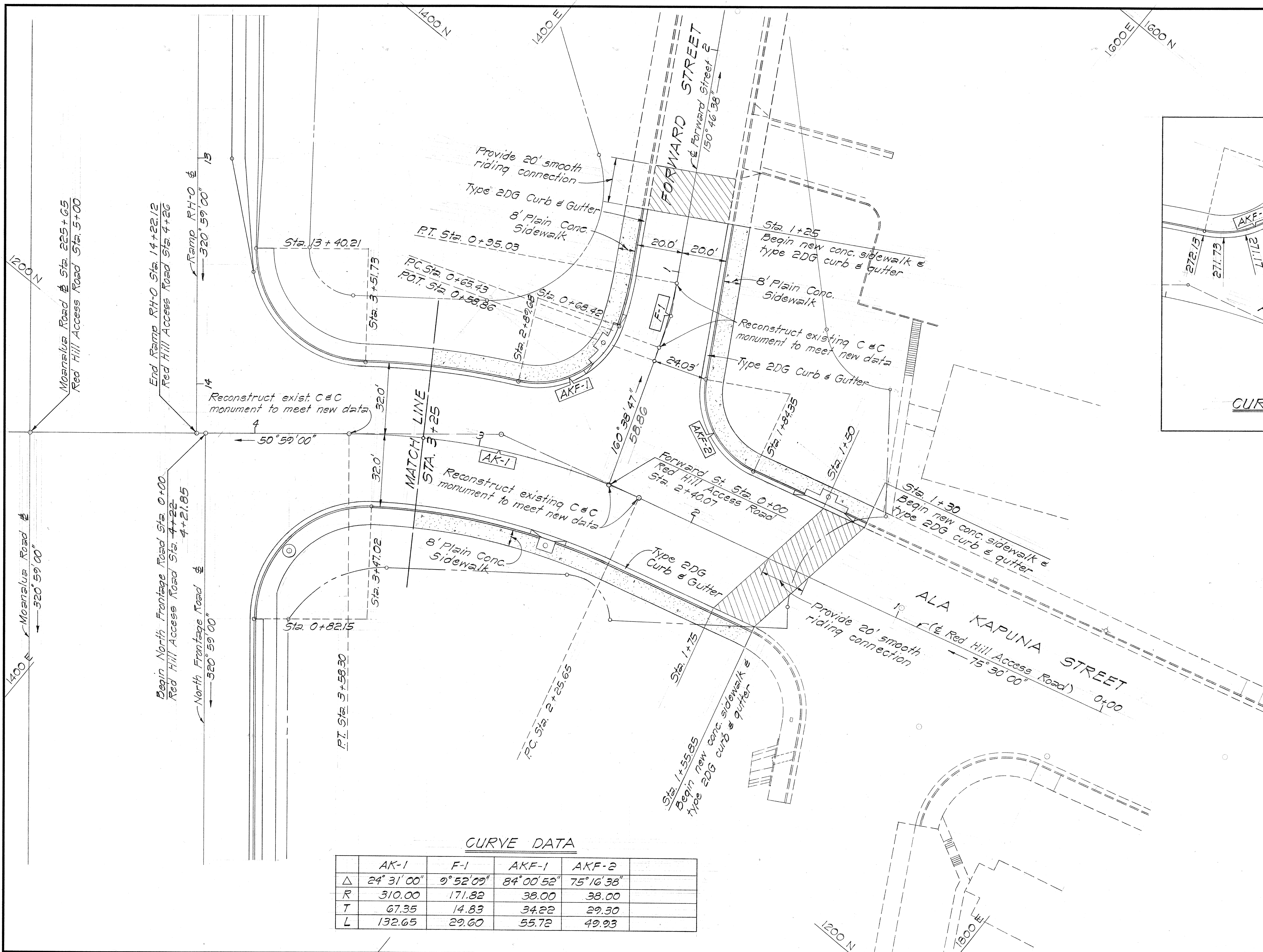
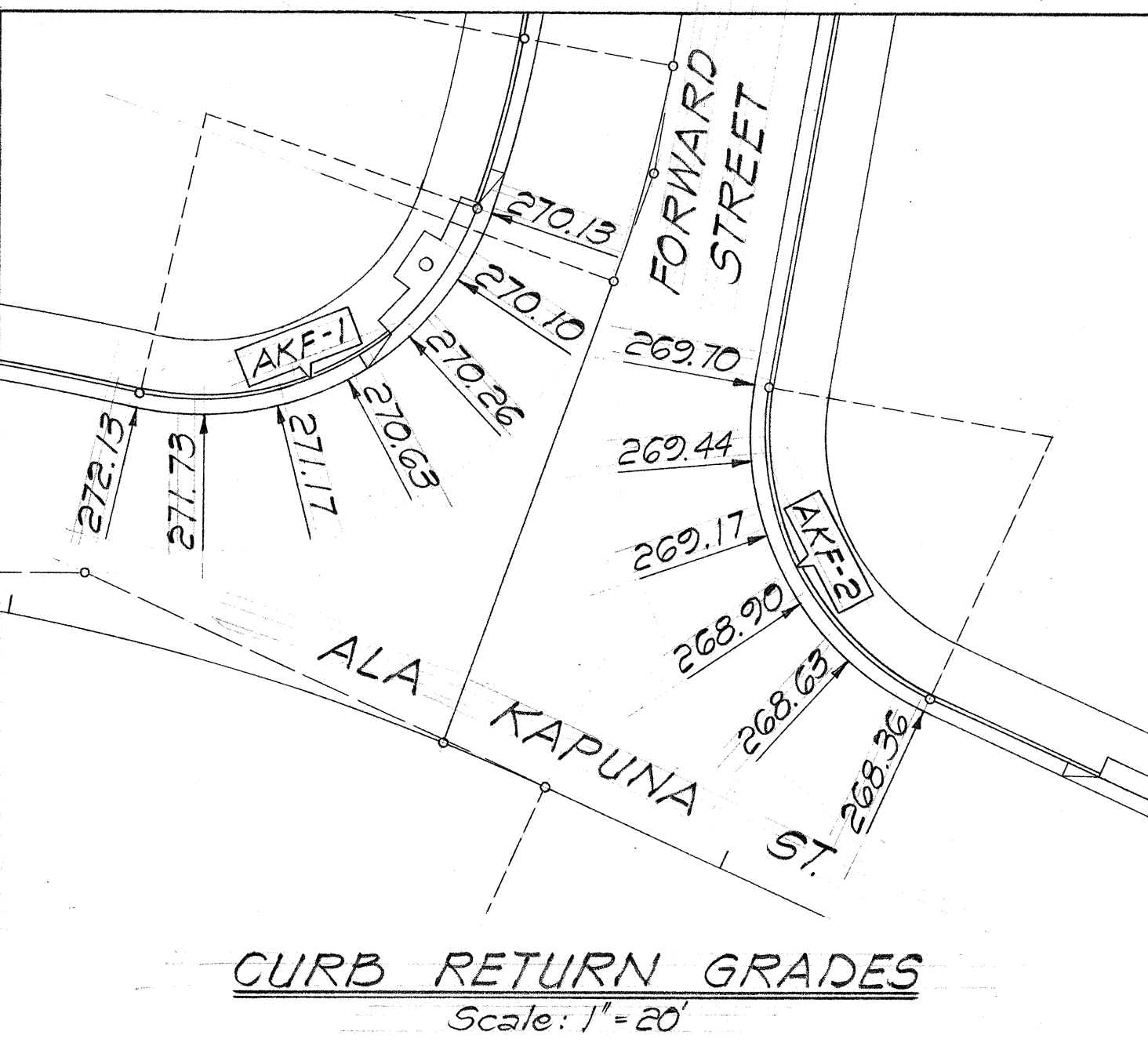
DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1"=20' Date: May, 1970

SHEET No. 31 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	32	258



CURVE DATA

	AK-1	F-1	AKF-1	AKF-2
Δ	24° 31' 00"	9° 52' 09"	84° 00' 52"	75° 16' 38"
R	310.00	171.82	38.00	38.00
T	67.35	14.83	34.22	29.30
L	132.65	29.60	55.72	49.93

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

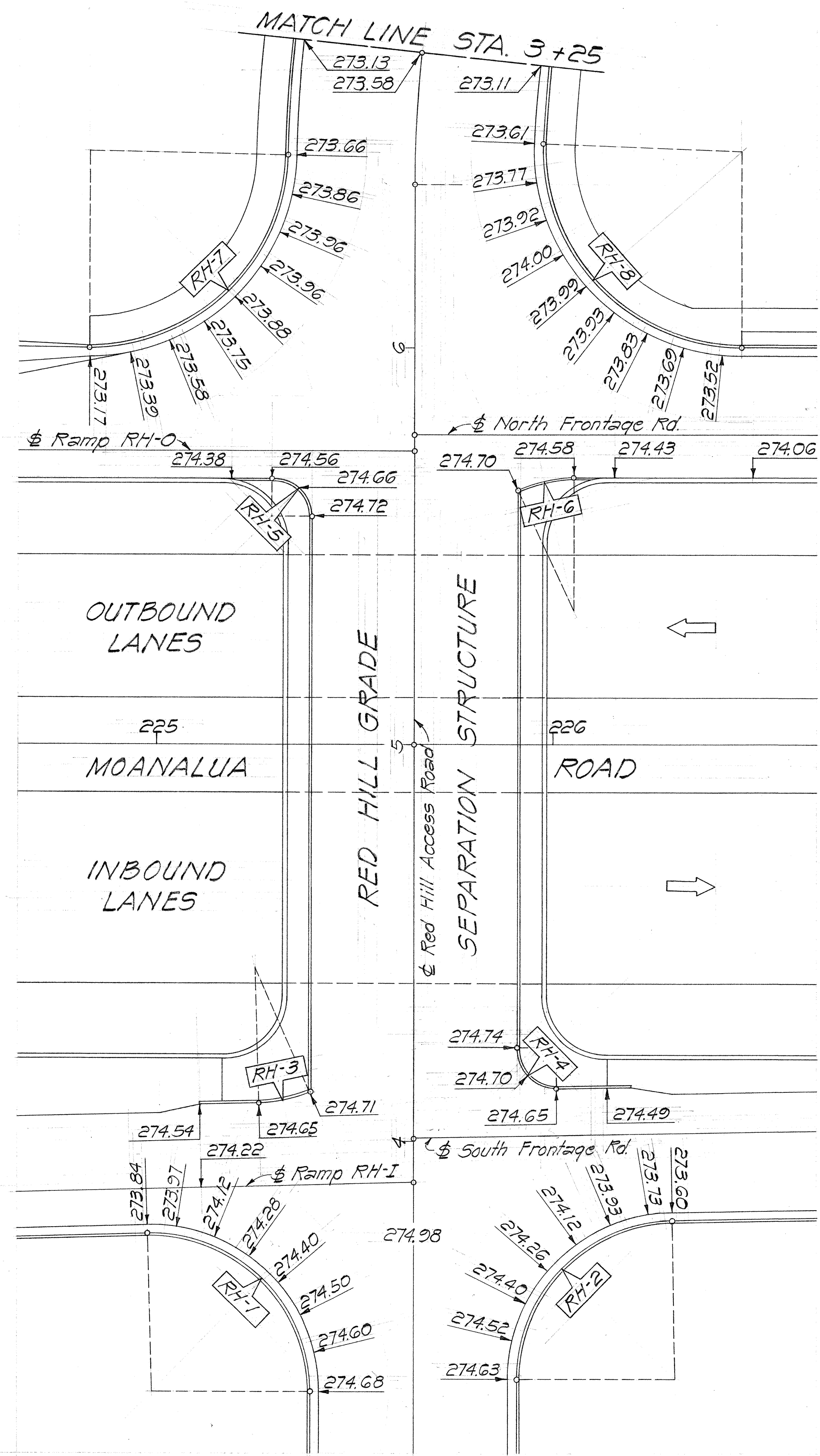
MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1"=20' Date: May, 1970

SHEET No. 10 OF 11 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-078-1(11)	1969	33	258



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

MOANALUA ROAD
F.A.P. Proj. No. F-078-1(11)

Scale: 1"=20' Date: May, 1970

SHEET No. 11 OF 11 SHEETS