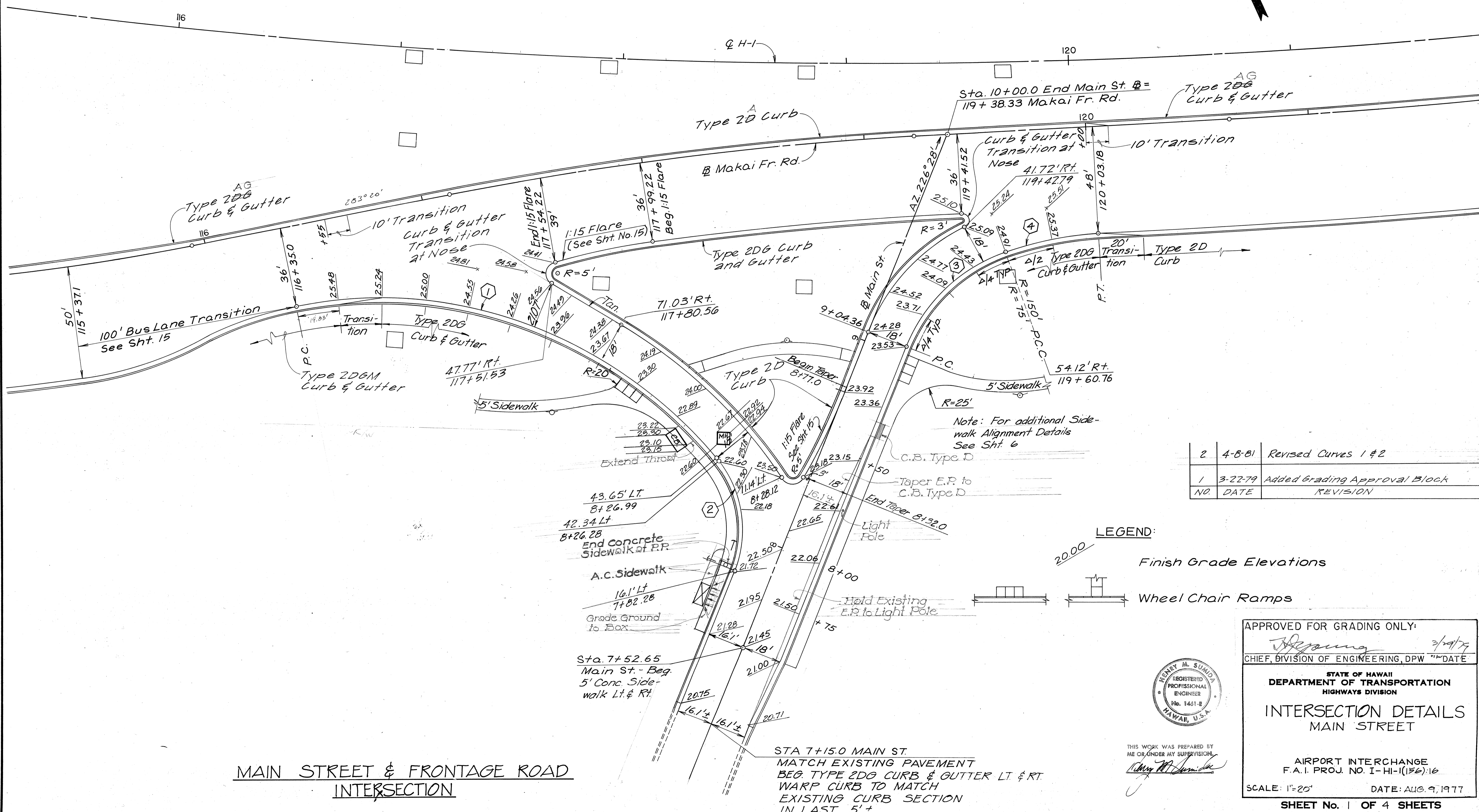
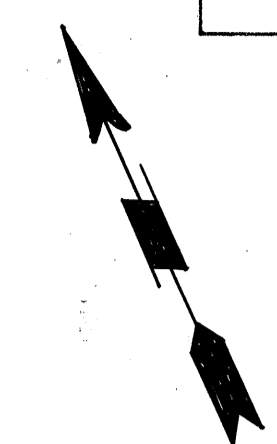


	①	②	③	④
Δ	61°30'00"	61°38'00"	48°28'17"	16°25'43"
Δ/2	30°45'00"	30°49'00"	24°14'8.5"	8°12'51.5"
R	195.00'	50.00'	75.00'	150.00'
T	116.01'	29.83'	33.76'	21.65'
Ch	199.40'	51.23'	61.57'	42.86'
Lc	209.31'	53.79'	63.45'	43.01'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HH-1(186)-16	1979	10	236



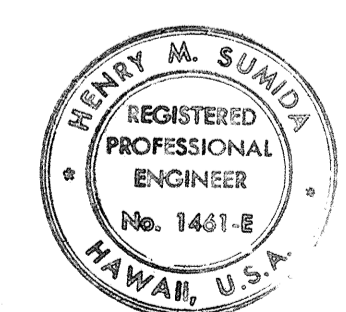
NO.	DATE	REVISION
2	4-8-81	Revised Curves 1 & 2
1	3-22-79	Added Grading Approval Block

LEGEND:
 20.00 Finish Grade Elevations
 Wheel Chair Ramps

MAIN STREET & FRONTAGE ROAD INTERSECTION

STA 7+150 MAIN ST.
 MATCH EXISTING PAVEMENT
 BEG TYPE 2DG CURB & GUTTER LT. & RT.
 WARP CURB TO MATCH
 EXISTING CURB SECTION
 IN LAST 5'±

DATE: _____
 SURVEY PLOTTED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 ORIGINAL PLAN NO. _____
 NOTE BOOK No. _____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Henry M. Sumida

APPROVED FOR GRADING ONLY:
Henry M. Sumida 3/19/79
 CHIEF, DIVISION OF ENGINEERING, DPW DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**INTERSECTION DETAILS
 MAIN STREET**

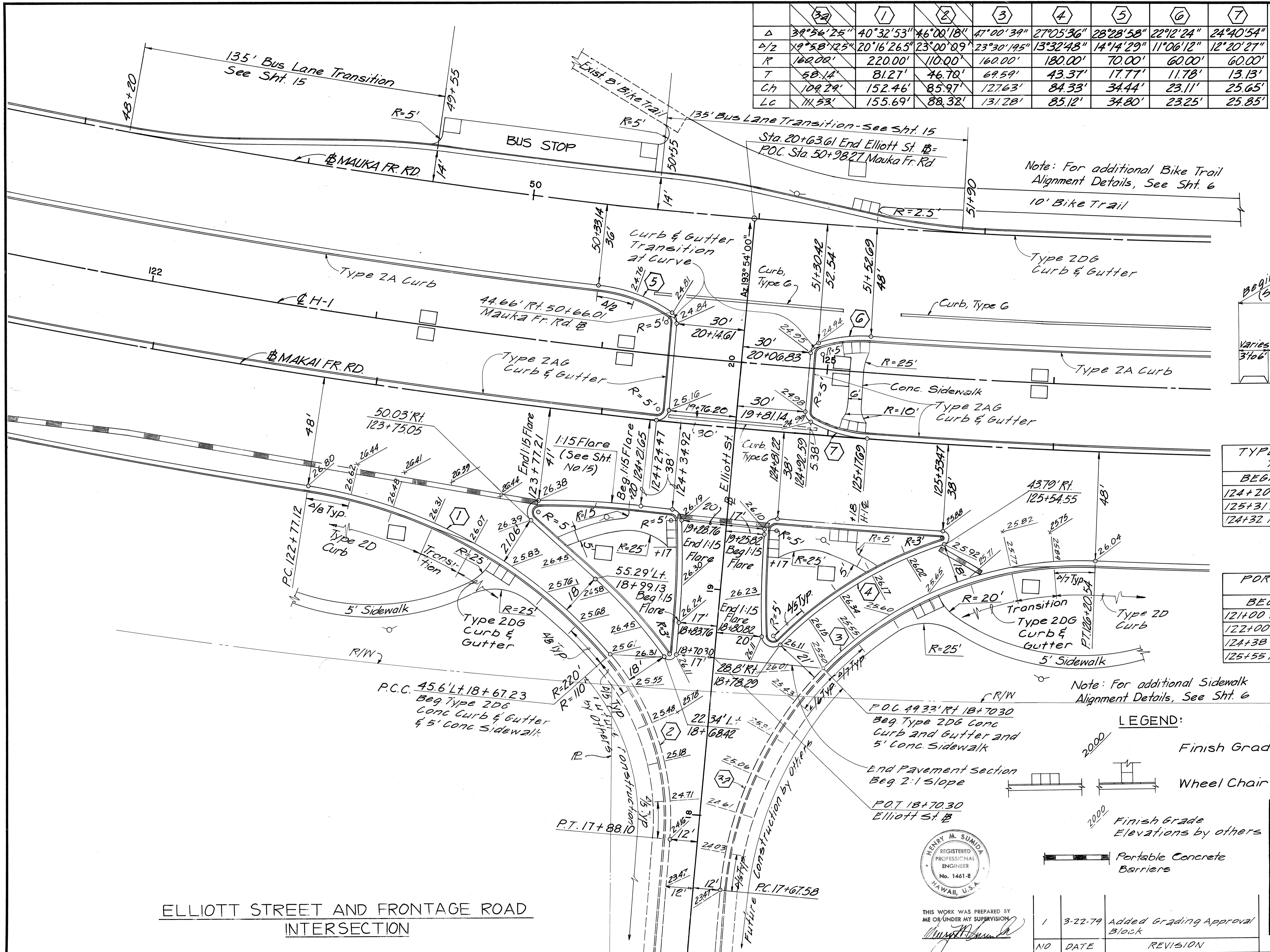
AIRPORT INTERCHANGE
 F.A.I. PROJ. NO. I-HI-1(186)-16

SCALE: 1"=20' DATE: AUG. 9, 1977

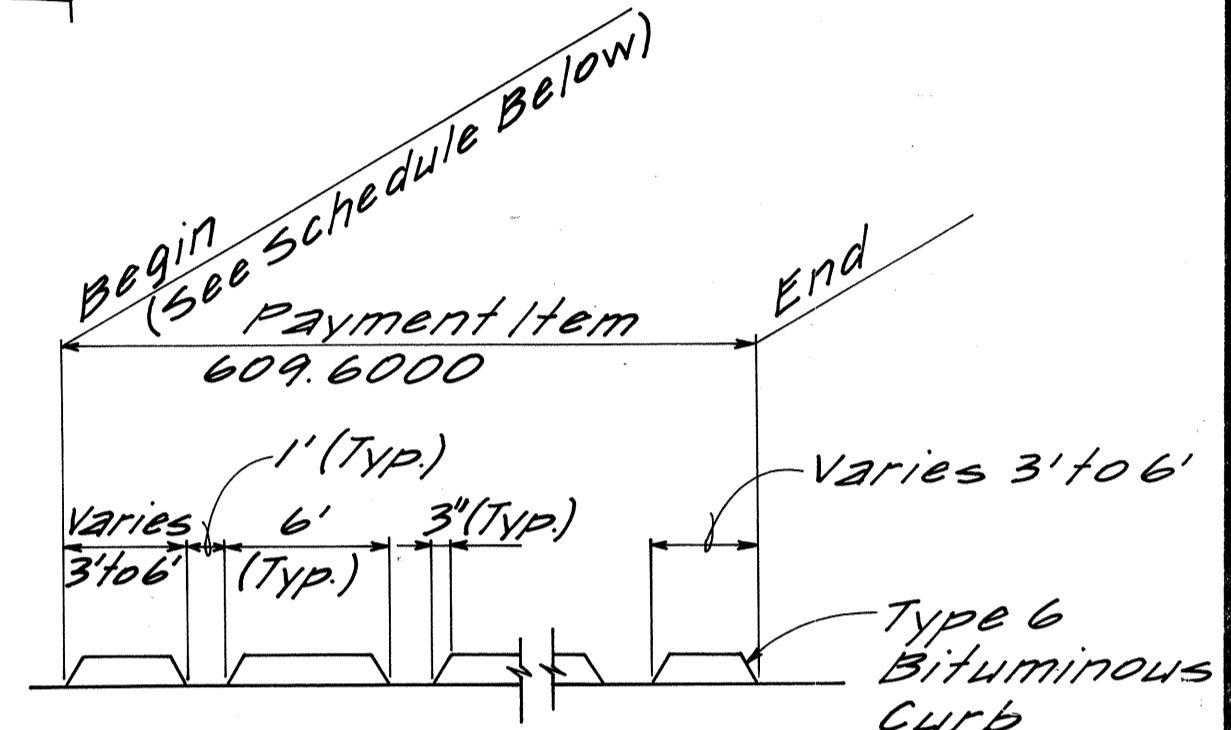
SHEET No. 1 OF 4 SHEETS

	③	①	②	③	④	⑤	⑥	⑦
Δ	38°56'25"	40°32'53"	46°00'18"	47°00'39"	27°05'36"	28°28'58"	22°12'24"	24°40'54"
P/2	19°58'12.5"	20°16'26.5"	23°00'09"	23°30'19.5"	13°32'48"	14°14'29"	11°06'12"	12°20'27"
R	162.00'	220.00'	110.00'	160.00'	180.00'	70.00'	60.00'	60.00'
T	58.14'	81.27'	46.78'	69.59'	43.37'	17.77'	11.78'	13.13'
Ch	109.24'	152.46'	85.97'	127.63'	84.33'	34.44'	23.11'	25.65'
Lc	114.93'	155.69'	88.32'	131.28'	85.12'	34.80'	23.25'	25.85'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	[HI-1(196)-16	1974	11	236



Note: For additional Bike Trail Alignment Details, See Sht. 6



BEGIN	END	QUANTITY
124+20 Lt. 26.5'	125+05 Lt. 26.5'	85 L.F.
125+31 Lt. 26.5'	129+45 Lt. 26.5'	414 L.F.
124+32 Rt. 26.5'	124+95 Rt. 26.5'	63 L.F.

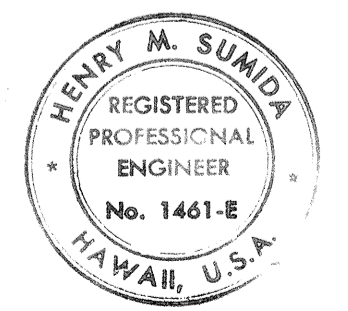
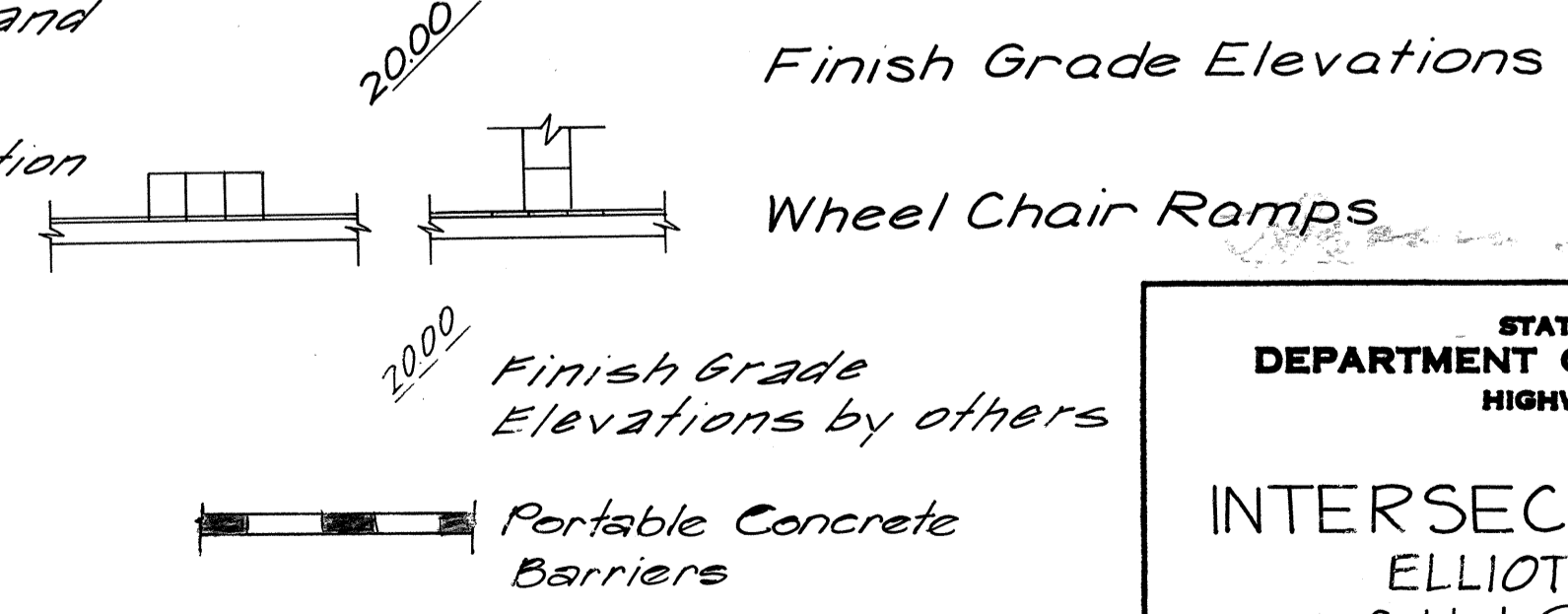
BEGIN	END	QUANTITY
121+00 Rt. 75.0'	122+00 Rt. 68.0'	100 L.F.
122+00 Rt. 68.0'	123+80 Rt. 71.0'	180 L.F.
124+38 Rt. 70.0'	124+78 Rt. 70.0'	40 L.F.
125+55 Rt. 75.0'	125+73 Rt. 85.0'	20 L.F.

APPROVED FOR GRADING ONLY:

 CHIEF, DIVISION OF ENGINEERING, DPW DATE 3/29/79

Note: For additional Sidewalk Alignment Details, See Sht. 6

LEGEND:



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

1	3-22-79	Added Grading Approval Block
NO	DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

INTERSECTION DETAILS
 ELLIOTT STREET
 & H-1 STA. 124+62
 AIRPORT INTERCHANGE
 F.A.I. PROJ. NO. I-HI-1(196)-16

SCALE: 1" = 20' DATE: AUG 9, 1977

SHEET No. 2 OF 4 SHEETS

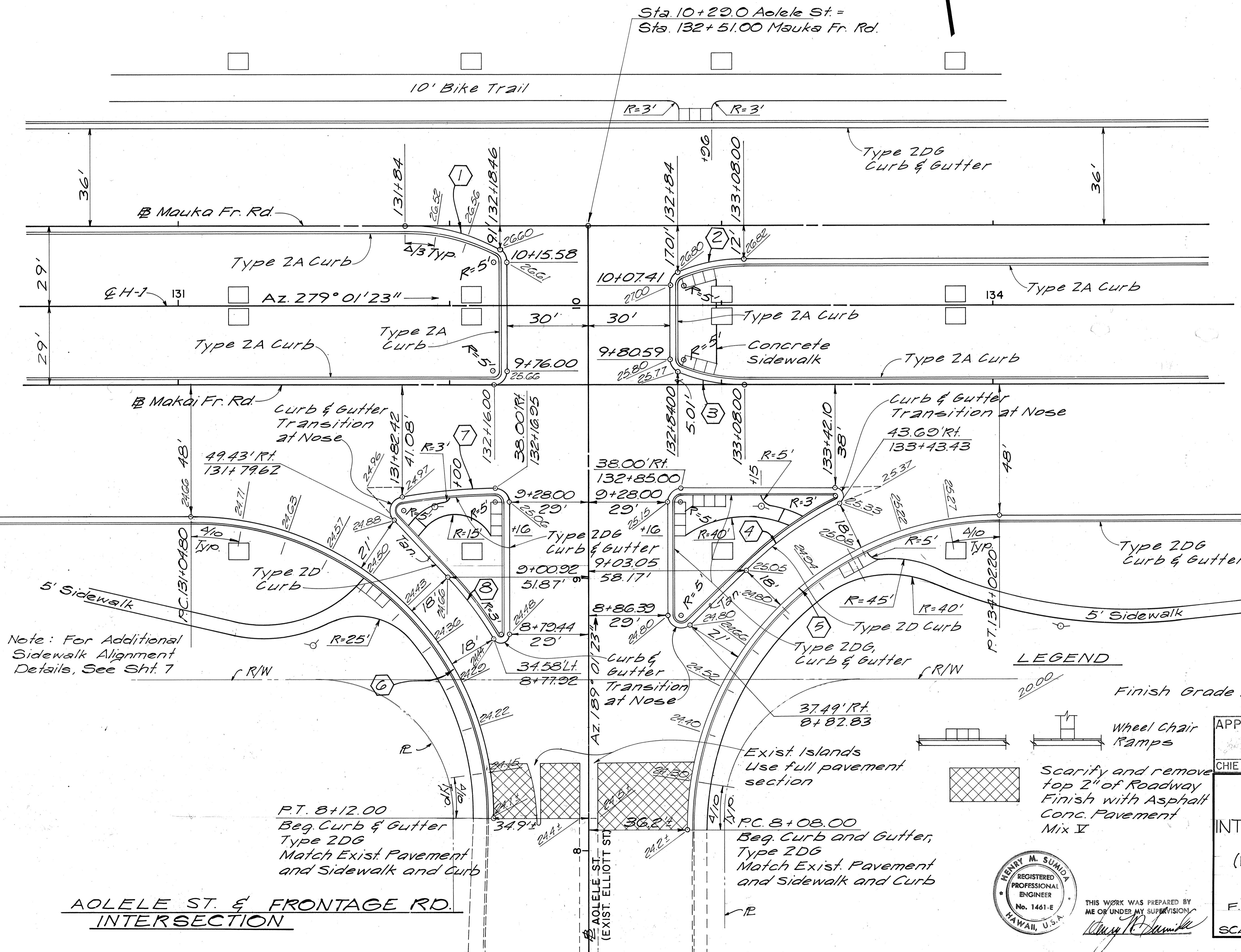
ELLIOTT STREET AND FRONTAGE ROAD
 INTERSECTION

DATE	
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

	①	②	③	④	⑤	⑥	⑦	⑧
Δ	29°29'33"	23°34'41"	23°34'41"	18°09'24"	90°00'00"	90°00'00"	9°02'21"	12°54'21"
A/2	14°44'46.5"	11°47'20.5"	11°47'20.5"	9°04'42"	45°00'00"	45°00'00"	4°31'10.5"	6°27'10.5"
R	70.00'	60.00'	60.00'	133.00'	115.00'	110.00'	220.00'	128.00'
T	18.42'	12.52'	12.52'	21.25'	115.00'	110.00'	17.39'	14.48'
Ch	35.64'	24.52'	24.52'	41.97'	162.63'	155.56'	34.67'	28.77'
Lc	36.03'	24.69'	24.69'	42.15'	180.64'	172.79'	34.71'	28.83'

NO.	DATE	REVISION
1	3-22-79	Added Grading Approval Block

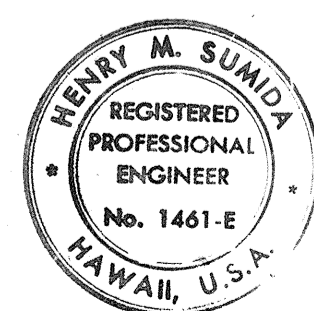
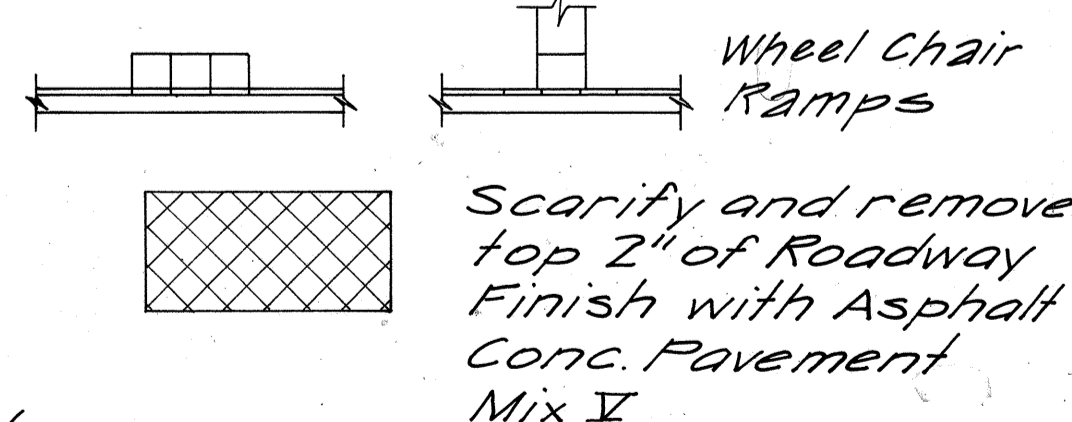
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(150)-16	1979	12	236



Note: For Additional Sidewalk Alignment Details, See Sht. 7

LEGEND
2000 Finish Grade Elevations

AOLELE ST. & FRONTAGE RD. INTERSECTION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Henry M. Suniga

APPROVED FOR GRADING ONLY:
[Signature] 3/29/79
CHIEF, DIVISION OF ENGINEERING, DPW DATE

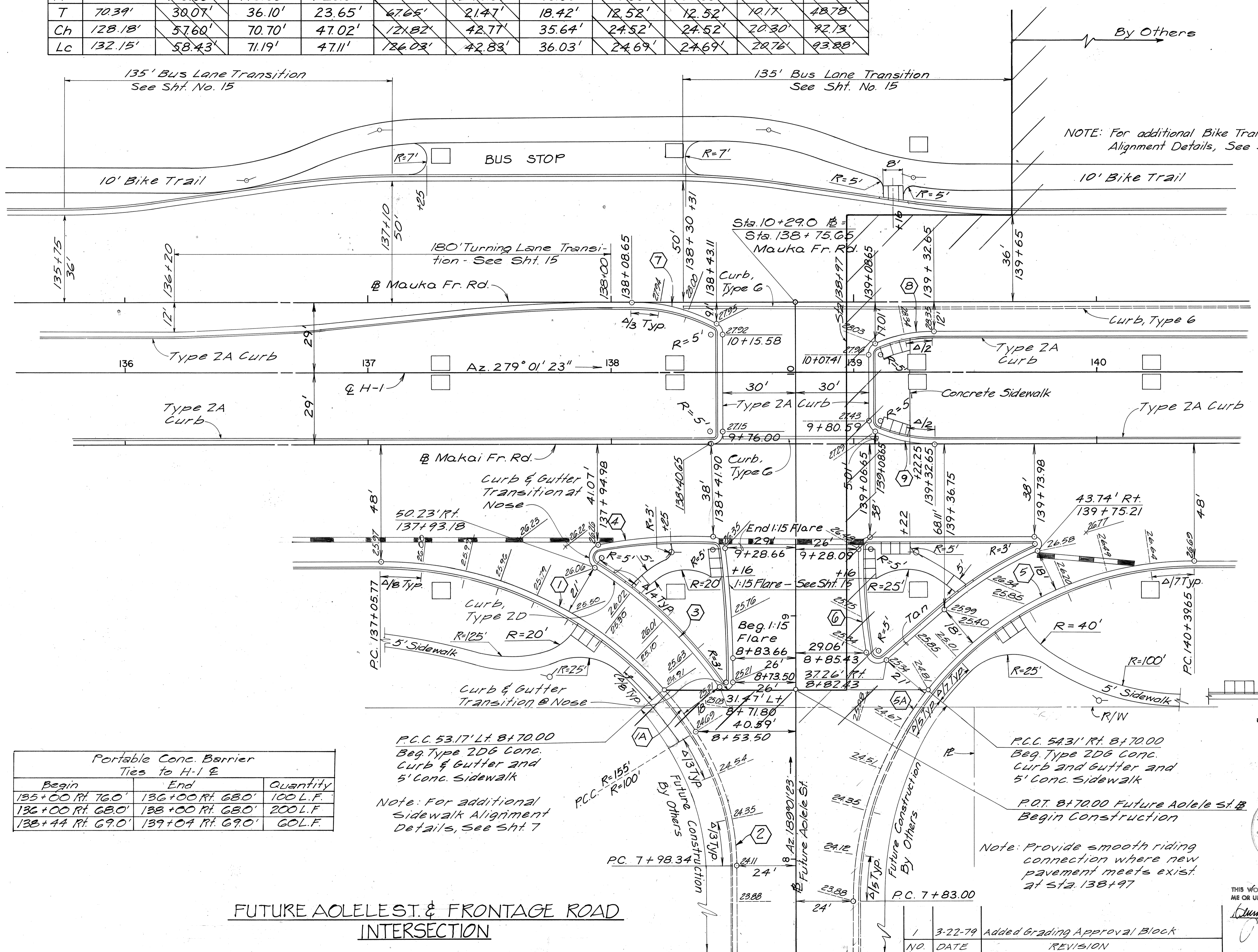
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION DETAILS
AOLELE STREET
(EXISTING ELLIOTT ST.)
& H-1 STA. 132+51
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(150)-16

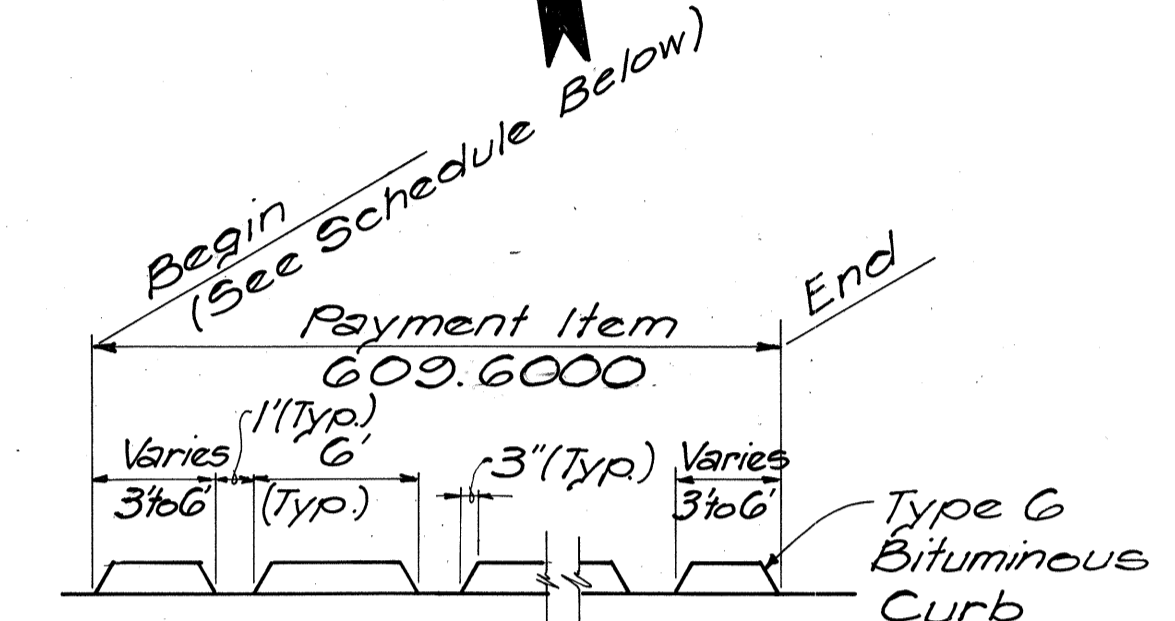
SCALE: 1"=20' DATE: AUG. 9, 1977
SHEET No. 3 OF 4 SHEETS

	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
Δ	48°50'51"	33°28'34"	23°18'34"	12°16'9"	5°34'46"	10°13'28"	29°29'33"	23°34'41"	23°34'41"	7°40'35"	38°25'14"	
Δ/2	24°25'25.5"	16°44'17"	11°39'17"	6°08'4.5"	2°47'23"	5°6'44"	14°44'46.5"	11°47'20.5"	11°47'20.5"	3°50'17.5"	19°12'37"	
R	155.00'	100.00'	175.00'	220.00'	140.00'	240.00'	70.00'	60.00'	60.00'	135.00'	140.00'	
T	70.39'	30.07'	36.10'	23.65'	67.65'	21.47'	18.42'	12.52'	12.52'	10.17'	48.78'	
Ch	128.18'	57.60'	70.70'	47.02'	121.82'	42.77'	35.64'	24.52'	24.52'	20.30'	42.13'	
Lc	132.15'	58.43'	71.19'	47.11'	126.03'	42.83'	36.03'	24.69'	24.69'	20.76'	43.88'	

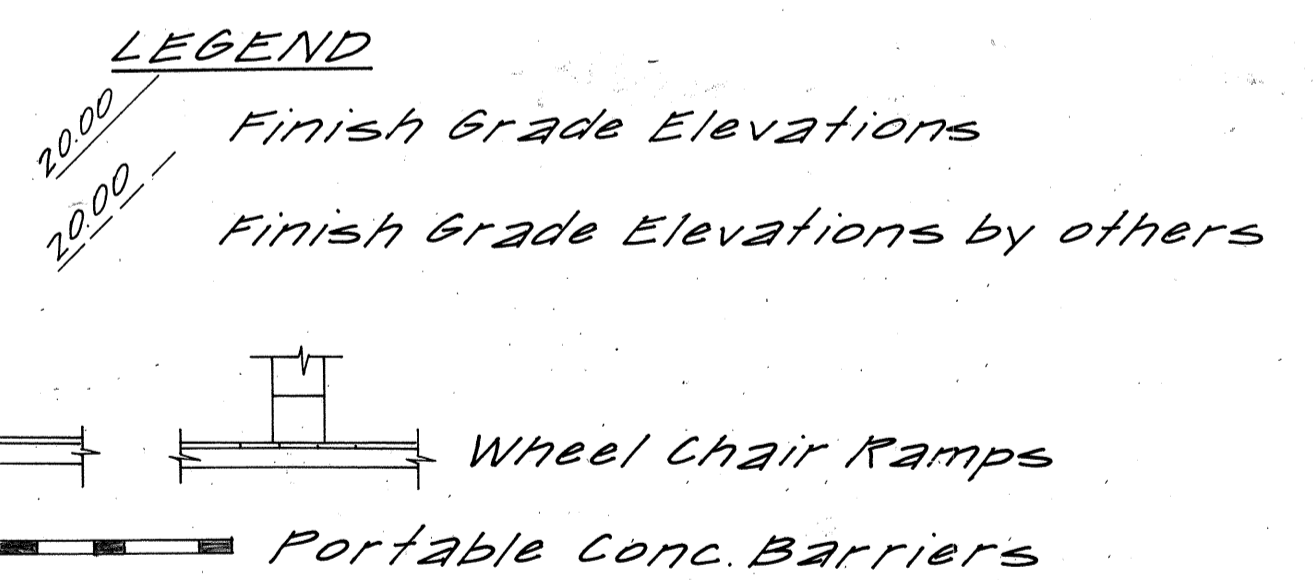
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FHI-1(156)16	1979	13	236



NOTE: For additional Bike Trail Alignment Details, See Sht. 7



Φ Type G Bituminous Curb Ties to H-1		
Begin	End	Quantity
138+30 Lt. 26.5'	139+10 Lt. 26.5'	80 L.F.
138+46 Rt. 26.5'	139+10 Rt. 26.5'	64 L.F.
Total		144 L.F.

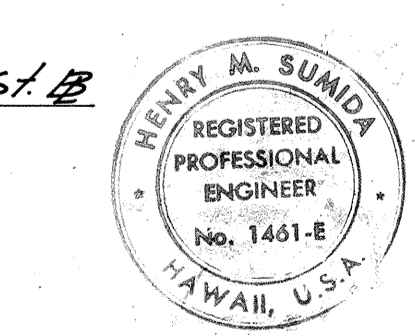


Portable Conc. Barrier Ties to H-1		
Begin	End	Quantity
135+00 Rt. 76.0'	136+00 Rt. 68.0'	100 L.F.
136+00 Rt. 68.0'	138+00 Rt. 68.0'	200 L.F.
138+44 Rt. 69.0'	139+04 Rt. 69.0'	60 L.F.

P.C.C. 53.17' Lt. 8+70.00
 Beg. Type 2D6 Conc. Curb & Gutter and 5' Conc. Sidewalk
 Note: For additional sidewalk Alignment Details, See Sht. 7

P.C.C. 54.31' Rt. 8+70.00
 Beg. Type 2D6 Conc. Curb and Gutter and 5' Conc. Sidewalk
 P.O.T. 8+70.00 Future Aoolele St. Begin Construction

Note: Provide smooth riding connection where new pavement meets exist. at sta. 138+97



APPROVED FOR GRADING ONLY:
 [Signature] 3/29/79
 CHIEF, DIVISION OF ENGINEERING, DPW DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 INTERSECTION DETAILS
 FUTURE AOOLELE ST.
 H-1 STA. 138+76
 AIRPORT INTERCHANGE
 F.A.I. PROJ. NO. I-HI-1(156)16
 SCALE: 1"=20' DATE: NOV. 27, 1978
 SHEET No. 4 OF 4 SHEETS

NO.	DATE	REVISION
1	3-22-79	Added Grading Approval Block

SURVEY PLOTTED BY: _____ DATE: _____
 TRACKED BY: _____
 DESIGNED BY: _____
 NOTE BOOK: _____
 QUANTITIES BY: _____
 CHECKED BY: _____

FUTURE AOOLELE ST. & FRONTAGE ROAD INTERSECTION