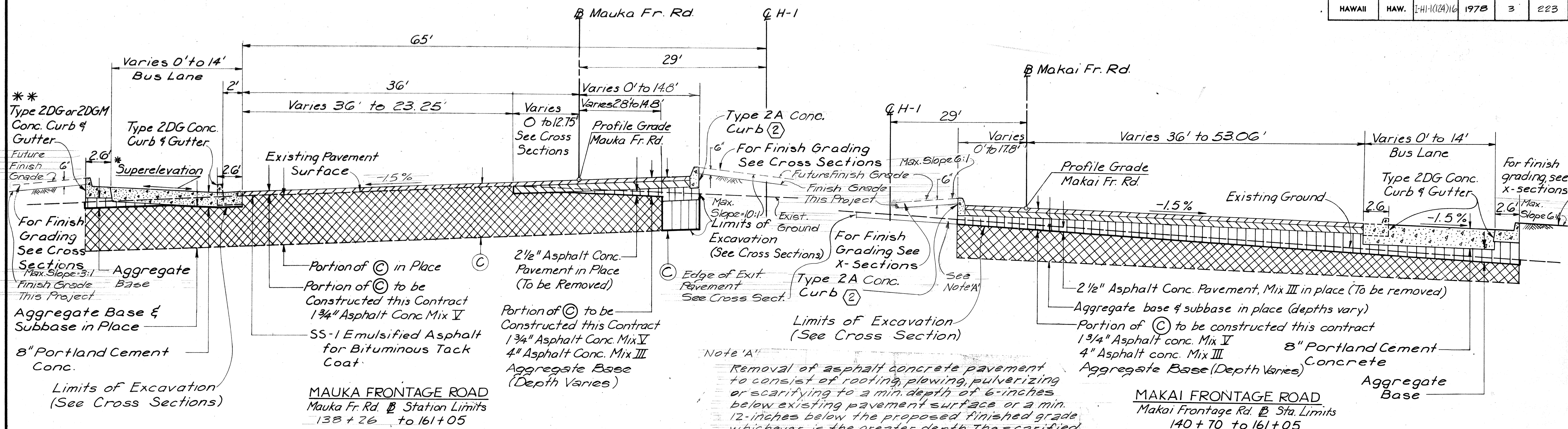


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(124)16	1978	3	223



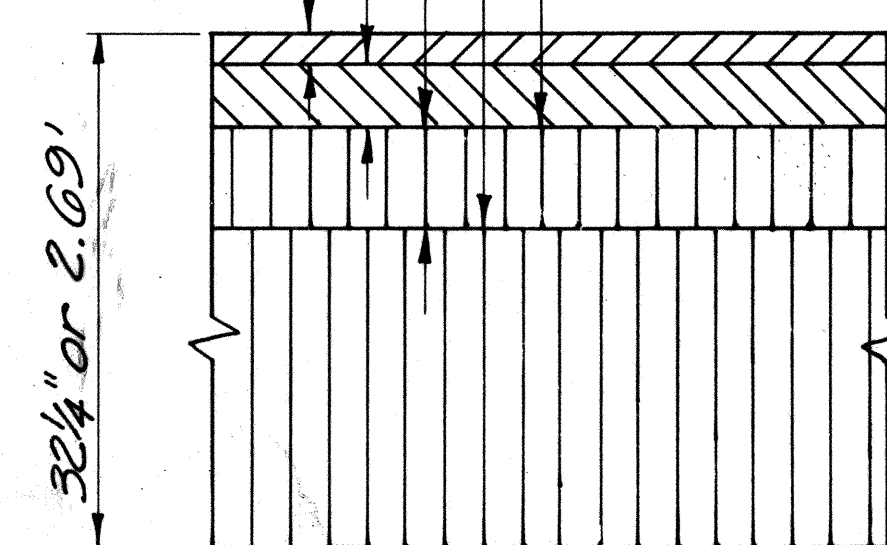
* Superelevation Rates for Bus Lanes are as follows:
Sta. 152+50 to Sta. 155+00
-1.5% to Lt. of B

** Station to Station Curb & Gutter
152+50 to 155+00 Type 2DG

Note 'A'
Removal of asphalt concrete pavement to consist of rooting, plowing, pulverizing or scarifying to a min. depth of 6-inches below existing pavement surface or a min. 12-inches below the proposed finished grade whichever is the greater depth. The scarified material that is within 6-inches of the proposed finished grade shall be removed. Where the proposed finished grade is above the exist. pavement surface, that area above the exist. pavement shall be filled to within 6-inches of the proposed finished grade with an approved earth cover.

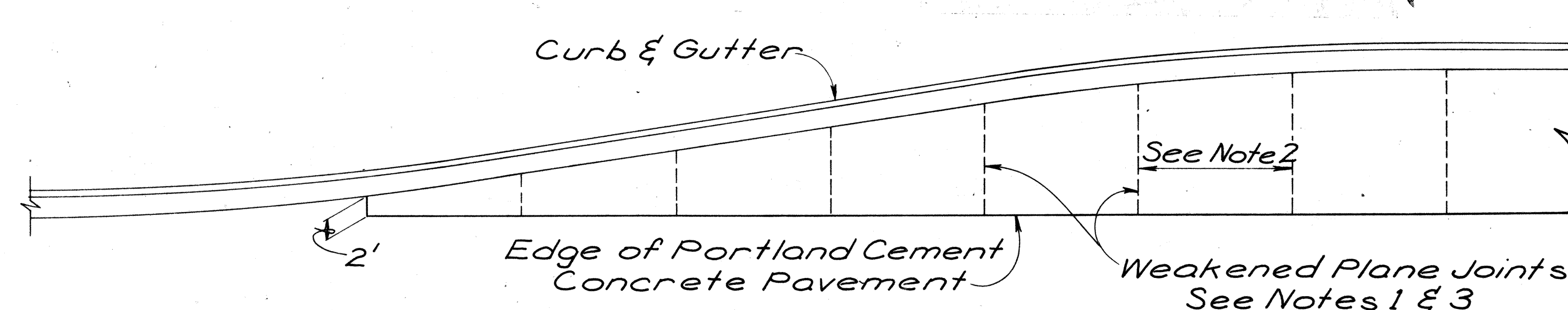
DATE	BY
DESIGNED BY	
CHECKED BY	
NO.	

1 3/4" Asphalt Conc. Pavement, Mix V
4" Asphalt Conc. Pavement, Mix III
6 1/2" Aggregate Base
20" Aggregate Subbase
MC-30 Liquid Asphalt for Prime Coat



FRONTAGE ROAD SECTION C
SCALE: 1"=1'

NO.	DATE	REVISION
②	4-9-79	Changed Median Curb to Type 2A
1	1-19-79	Added Approval Block
		Added Max. Slope on Sections



Notes:

1. All weakened plane joints shall be constructed normal to edge of pavement.
2. Spacing of weakened plane joints shall be 15'. Weakened plane joints shall be constructed at least 10' from any transverse contact joint.
3. Joint depth = min. 1/6 to max. 1/4 of slab depth.

PORTLAND CEMENT CONCRETE PAVING DETAILS NO SCALE



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Henry M. Sumida

APPROVED FOR GRADING ONLY:
CHIEF, DIVISION OF ENGINEERING, DPW DATE 2/9/79

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

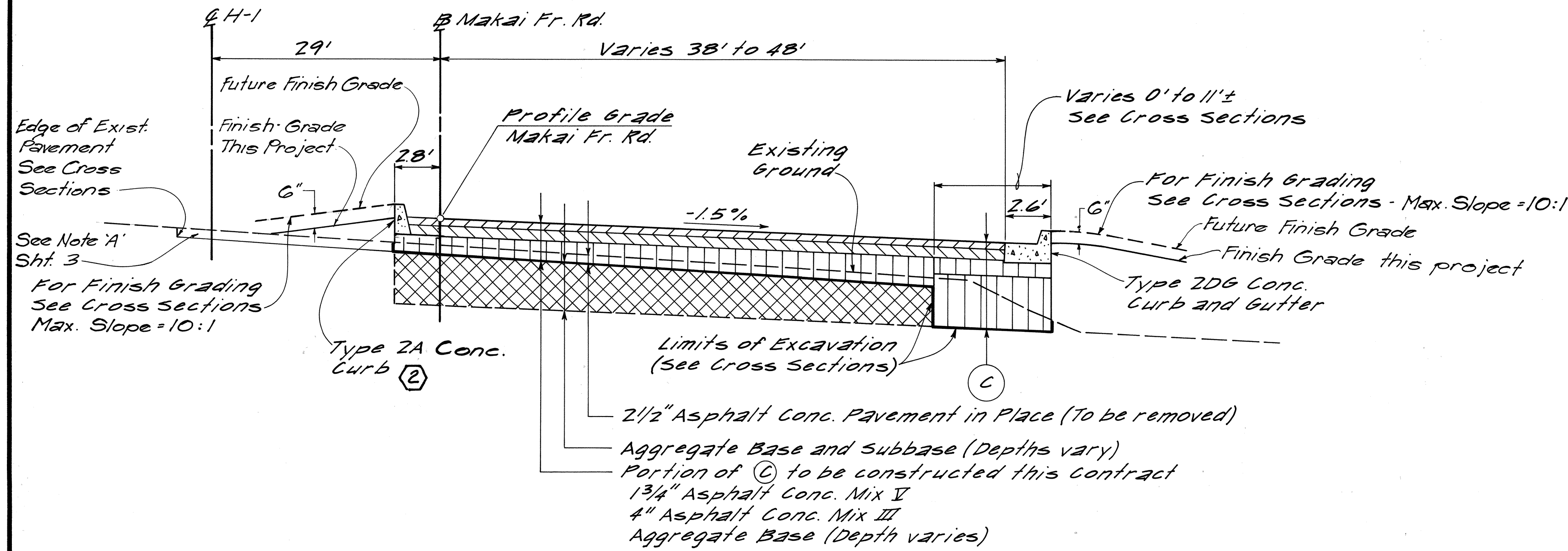
TYPICAL ROADWAY SECTIONS

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-H-1(124)16

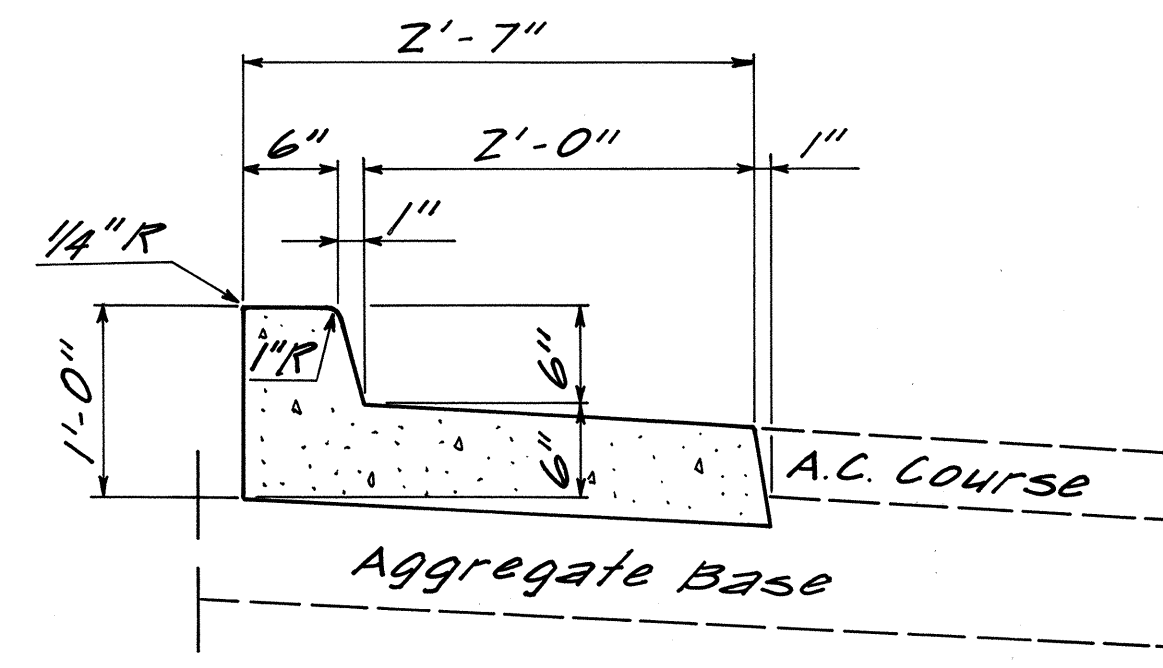
SCALE: NO SCALE DATE: AUG. 9, 1977

SHEET No. 1 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(124)-16	1978	4	223

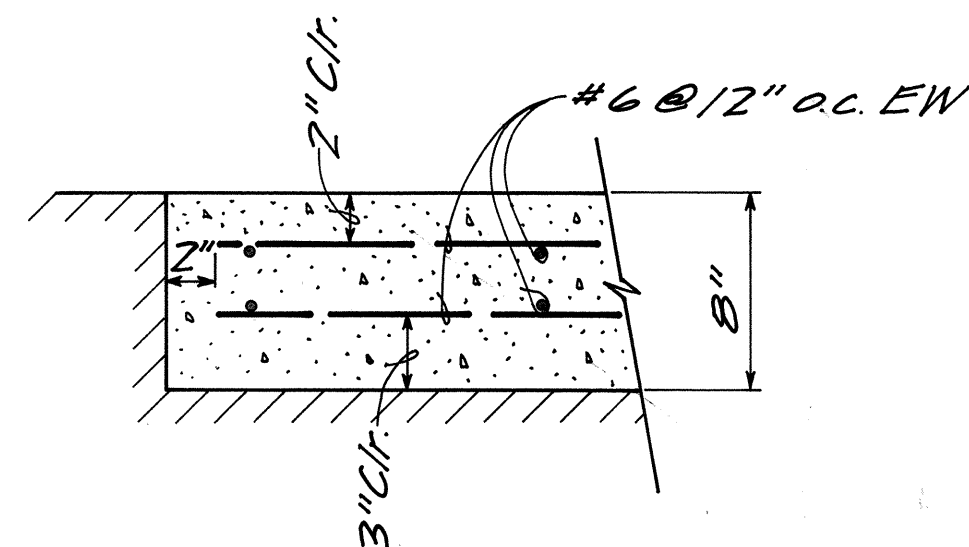


MAKAI FRONTAGE ROAD
Makai Fr. Rd. Station Limits
138+26 to 140+70



CURB AND GUTTER TYPE 2DGM
SCALE: 1" = 1'-0"

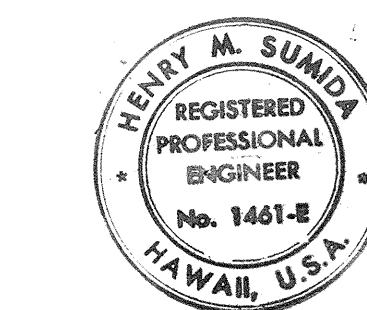
TYPICAL DETAIL OF
CAST-IN-PLACE CONC.
CURB AND GUTTER



BUS LANE PCC
PAV'T SECTION
NOT TO SCALE

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

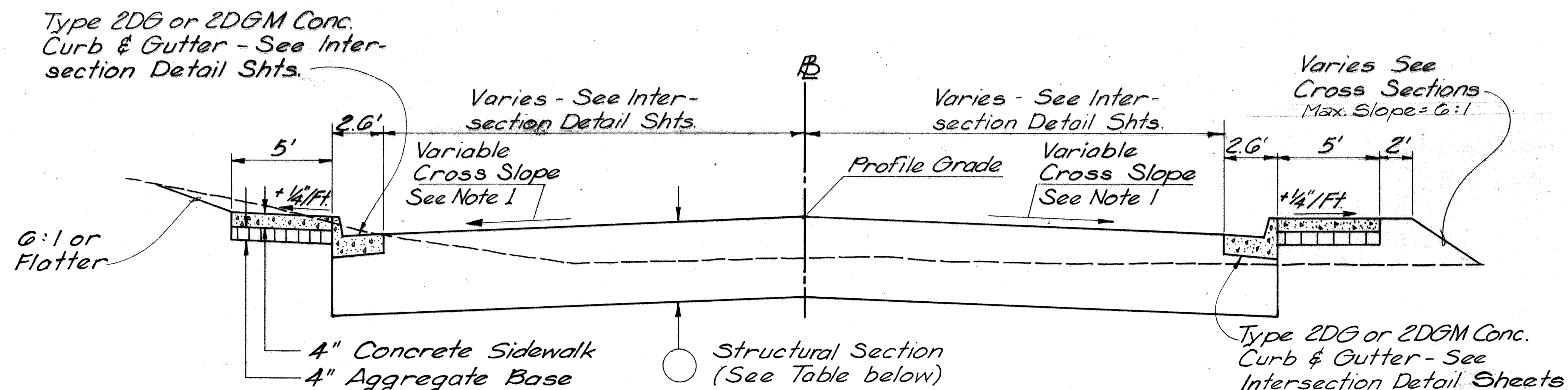
NO.	DATE	REVISION
2	4-5-79	Changed Curb Type
1	1-19-79	Added Approval Block Added Max. Slope on Section



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Henry M. Sumida

APPROVED FOR GRADING ONLY:	
<i>[Signature]</i>	2/9/79
CHIEF, DIVISION OF ENGINEERING, DPW DATE	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LAND TRANSPORTATION FACILITIES DIVISION	
TYPICAL ROADWAY SECTIONS	
AIRPORT INTERCHANGE F.A.I. PROJ. NO. 1-HI-1(124)-16	
SCALE: NO SCALE	DATE: AUG. 3, 1978
SHEET NO. 2 OF 4 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1024)6	1978	5	223

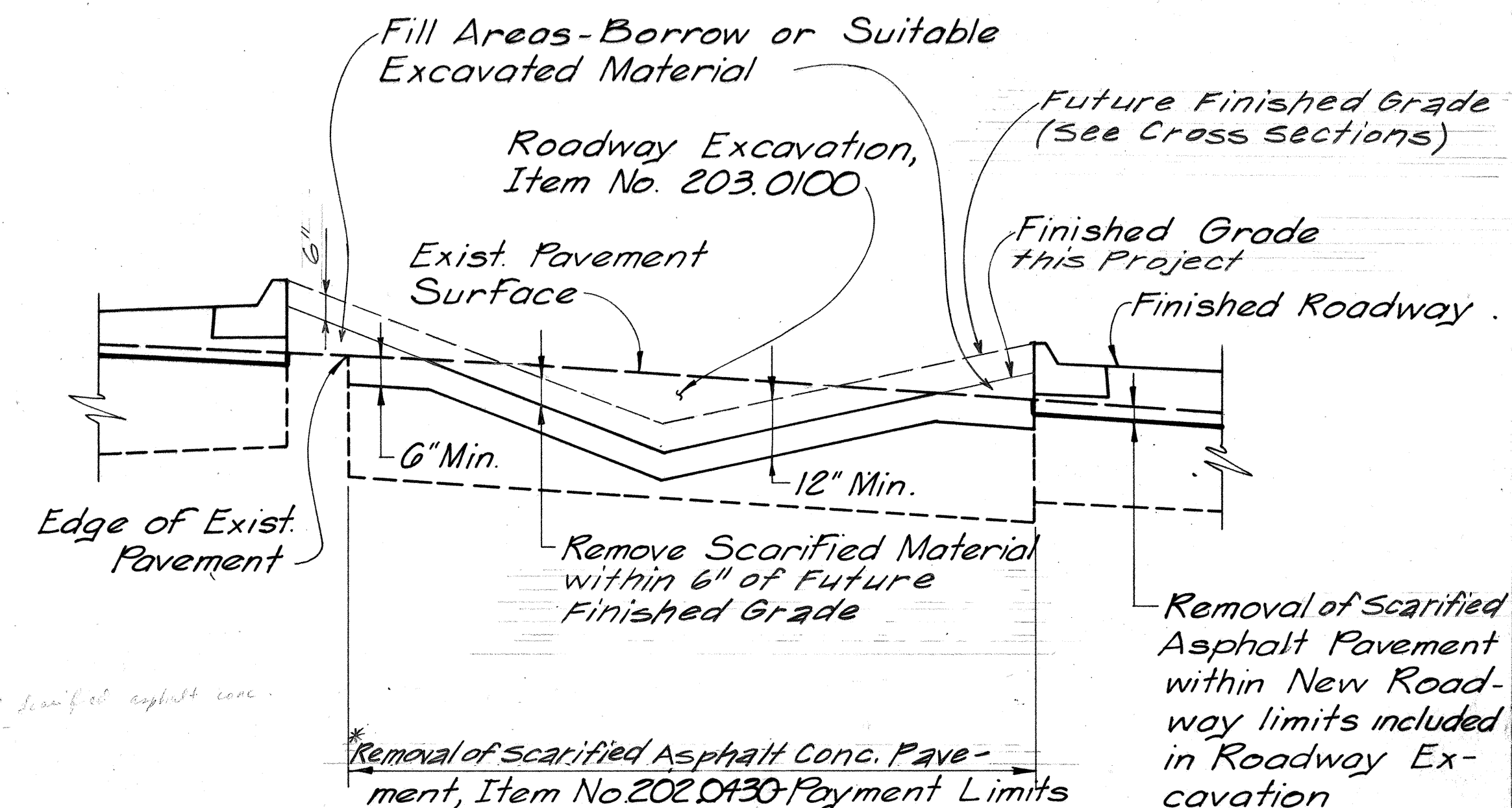


Street Name	Structural Section	Intersection Detail Sht. No.
Catlin Drive	D	11
Rodgers Blvd.	E	12
Future Aolele St.	E	10

LOCAL STREETS NO SCALE

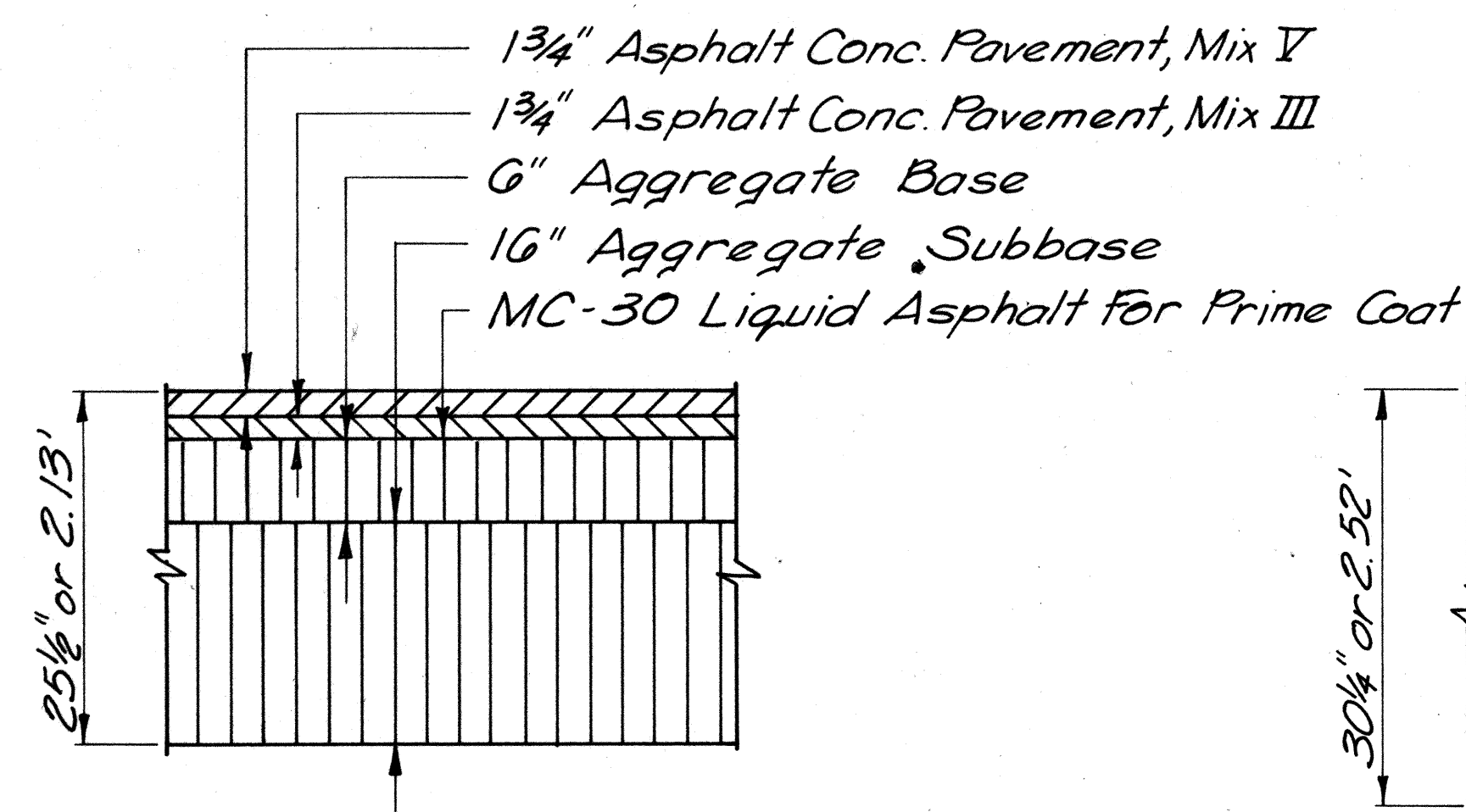
Catlin Drive
Rodgers Blvd.
Future Aolele St.

NOTES:
1. Cross Slopes determined by spot elevations shown on Intersection Detail Sheets.



* Removal of scarified asphalt conc. pavement between payment limits, as shown above, to consist of rooting, plowing, pulverizing or scarifying to a minimum depth of 6-inches below existing pavement surface or a minimum 12-inches below the proposed finished grade, whichever is the greater depth. The scarified material that is within 6-inches of the proposed finished grade shall be removed. Where the proposed finish grade is above the existing pavement surface that area above the existing pavement shall be filled to within 6 inches of the proposed finished grade with an approved earth cover. Removal of scarified asphalt conc. pavement shall be applicable to those areas outside or beyond the limits of excavation as shown in the New Roadway sections.

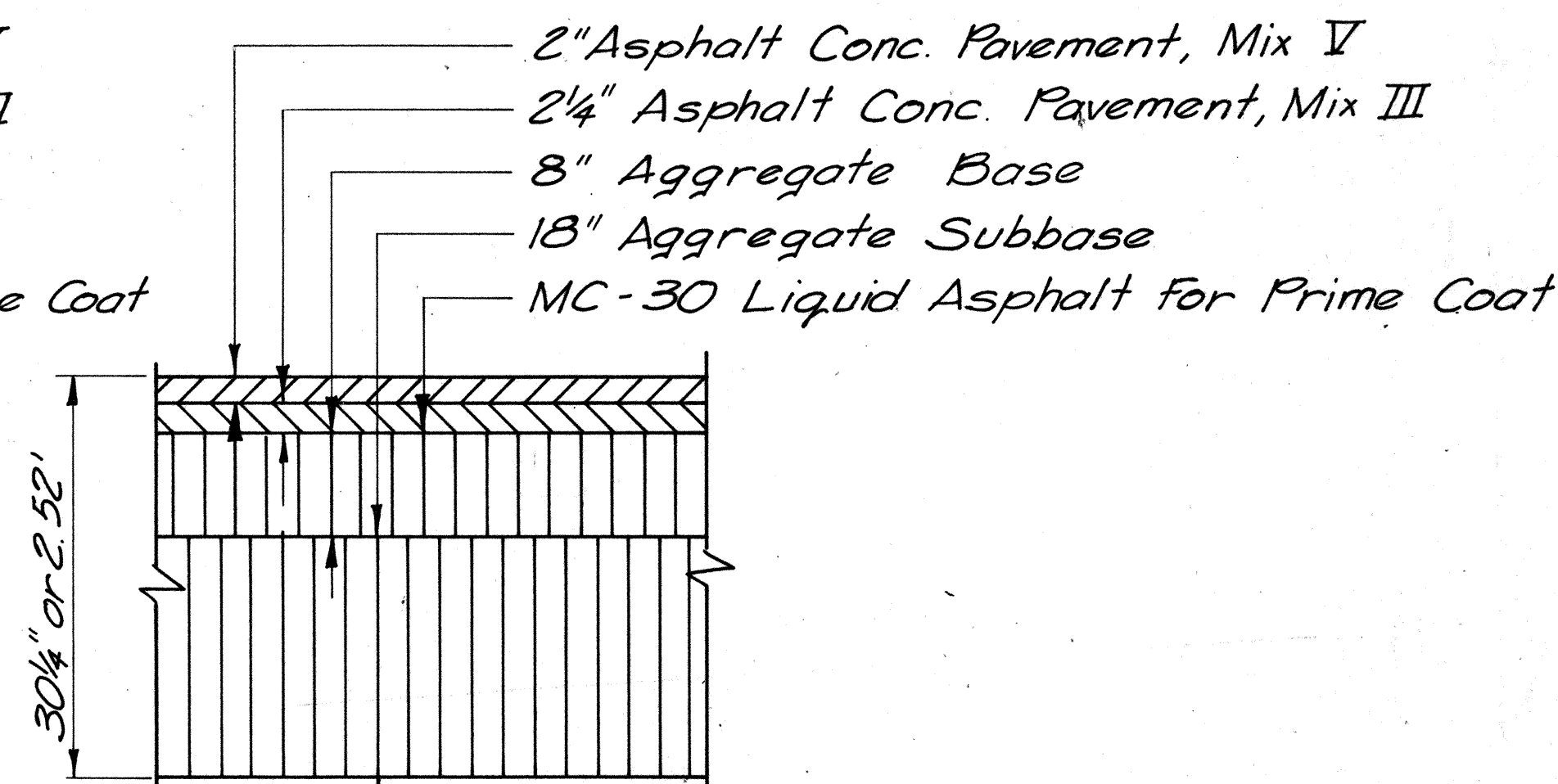
TYPICAL ROADWAY OBLITERATION NO SCALE



LOCAL ROAD SECTION D

SCALE: 1" = 1'

Catlin Drive



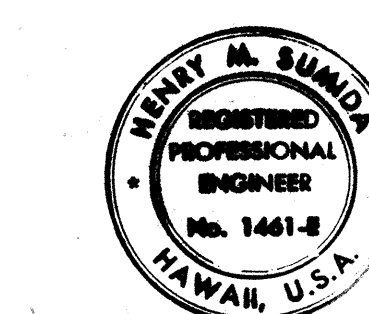
LOCAL ROAD SECTION E

SCALE: 1" = 1'

Rodgers Blvd.
Future Aolele St.

DATE	11/79
DESIGNED BY	...
TRACED BY	...
QUANTITIES BY	...
CHECKED BY	...
ORIGINAL PLAN	...
NOTE BOOK	...
NO.	...

NO.	DATE	REVISION
1	1-19-79	Added Approval Block Add Max. Slope on Section

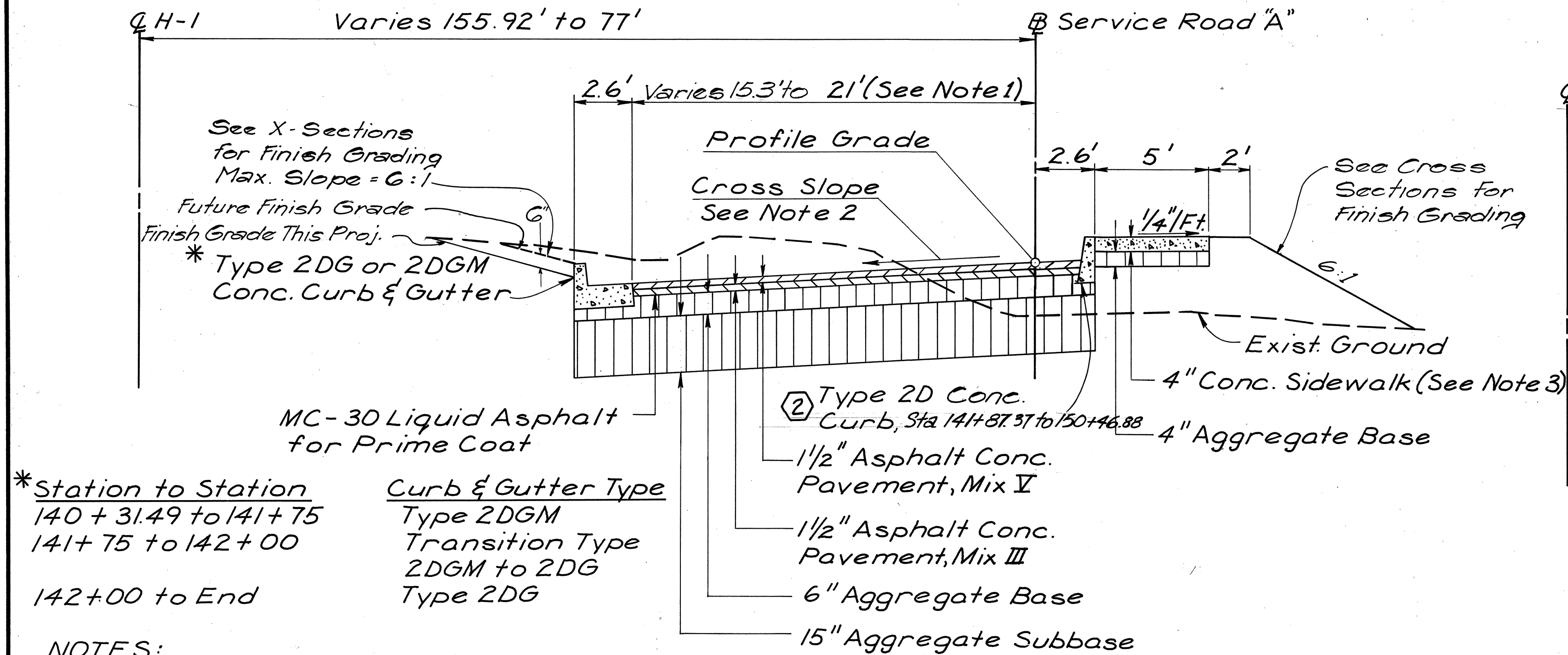


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Henry A. Samia

APPROVED FOR GRADING ONLY:	
<i>J. Agnew</i>	11/79
CHIEF, DIVISION OF ENGINEERING, DPW	DATE
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL ROADWAY SECTIONS	
AIRPORT INTERCHANGE F.A.I. PROJ. NO. I-HI-1024)6	
SCALE: AS SHOWN	DATE: AUG. 9, 1977
SHEET No. 3 OF 4 SHEETS	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(124)16	1978	6	223



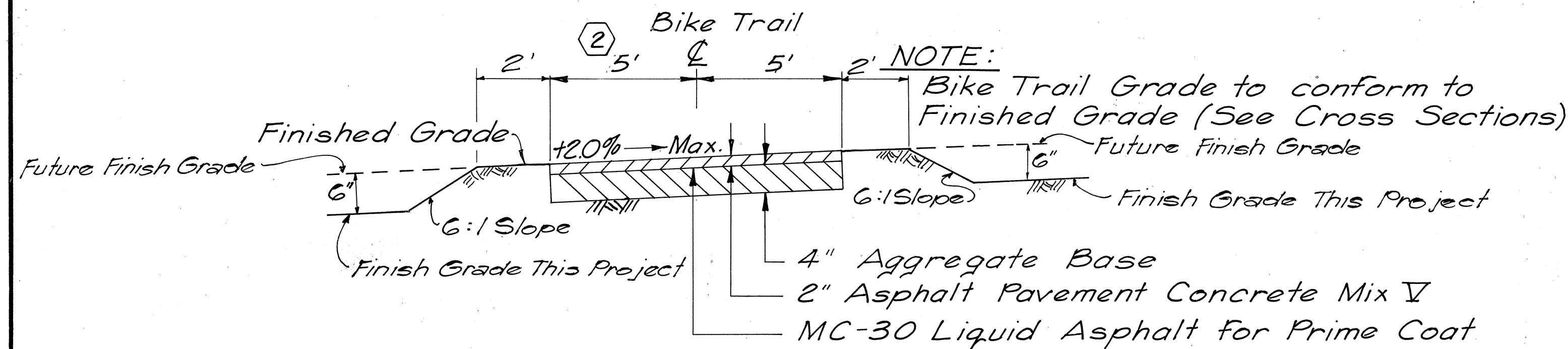
* Station to Station	Curb & Gutter Type
140 + 31.49 to 141 + 75	Type 2DGM
141 + 75 to 142 + 00	Transition Type 2DGM to 2DG
142 + 00 to End	Type 2DG

NOTES:

- Roadway width as follows:
140 + 31.49 to 141 + 27.37 - 15.3' to 21'
141 + 27.37 to 141 + 87.37 - 21' to 18'
141 + 87.37 to End - 18'
- Roadway Cross Slope as follows:
140 + 31.49 to 142 + 00 - Cross Slope controlled by spot elevations shown on Sheet 13.
142 + 00 to 148 + 75 - -1.5% to Lt. of B
148 + 75 to End - Cross Slope controlled by spot elevations shown on Sheet 13.

SERVICE ROAD "A"
Service Rd. "A" Station Limits
140 + 31.49 to 151 + 03.84

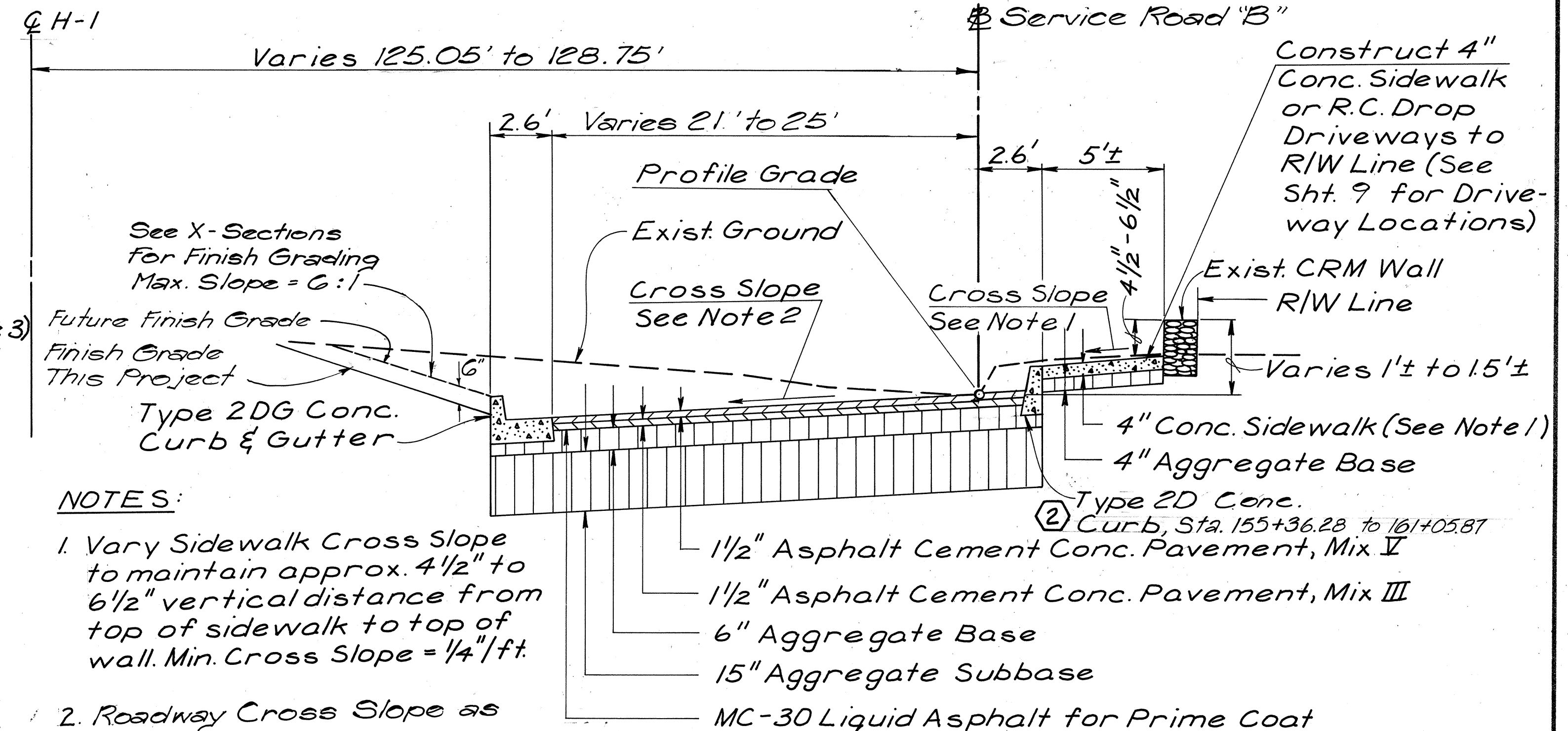
- Sidewalk located adjacent to Curb & Gutter from 141 + 18. ± to 150 + 30 ± only. See Sheet 8



BIKE TRAIL SECTION

No Scale
See Shts 7-9 for Alignment

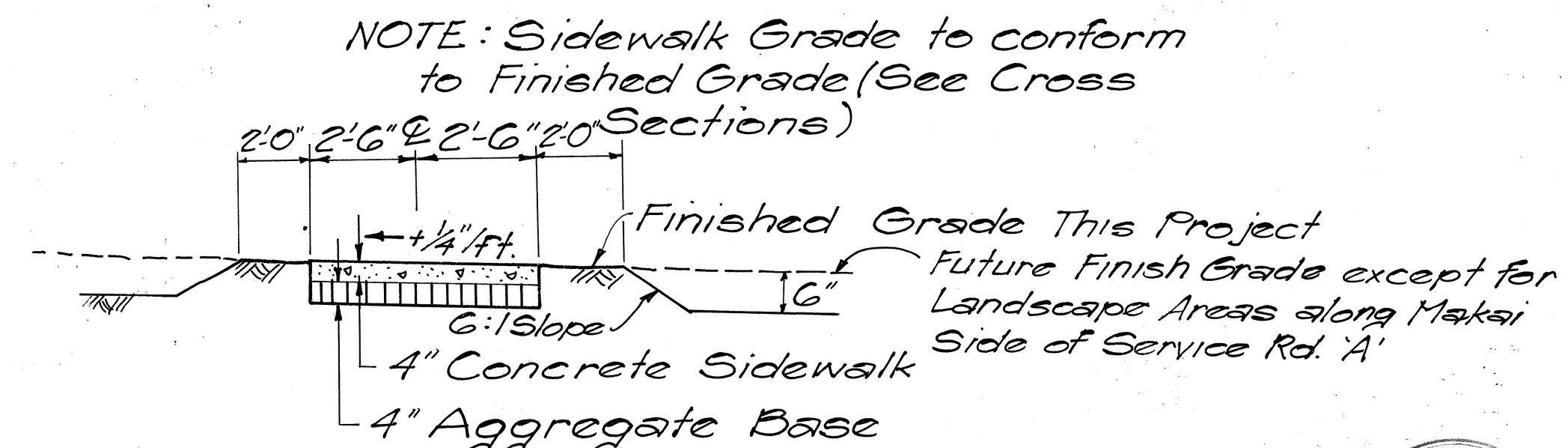
NO.	DATE	REVISION
②	4-5-79	Changed Curb Type and Bike Trail Width.
1	1-19-79	Added Approval Block
		Added Max. Slope on the Sections



NOTES:

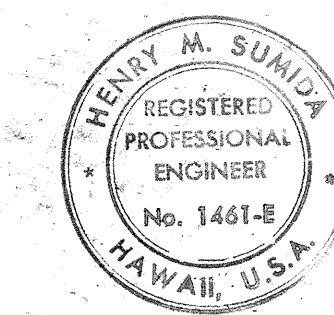
- Vary Sidewalk Cross Slope to maintain approx. 4 1/2" to 6 1/2" vertical distance from top of sidewalk to top of wall. Min. Cross Slope = 1/4" / ft.
- Roadway Cross Slope as follows:
154 + 80.63 to 156 + 13.83 - Cross Slope controlled by spot elevation shown on Sht. 12
156 + 13.83 to 159 + 25 - 1.5% to Lt. of B
159 + 25 to 161 + 05.87 - Cross Slope controlled by spot elevation shown on Sht. 14

SERVICE ROAD "B"
Service Rd. "B" Station Limits
154 + 80.63 to 161 + 05.87



SIDEWALK SECTION

No Scale
See Shts 7-9 for Alignment



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11/19/79 H. M. Sumida

APPROVED FOR GRADING ONLY:
J. H. Young 11/19/79
CHIEF, DIVISION OF ENGINEERING, DPW DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-H-1(124)16
SCALE: NO SCALE DATE: AUG. 9, 1977
SHEET No. 4 OF 4 SHEETS