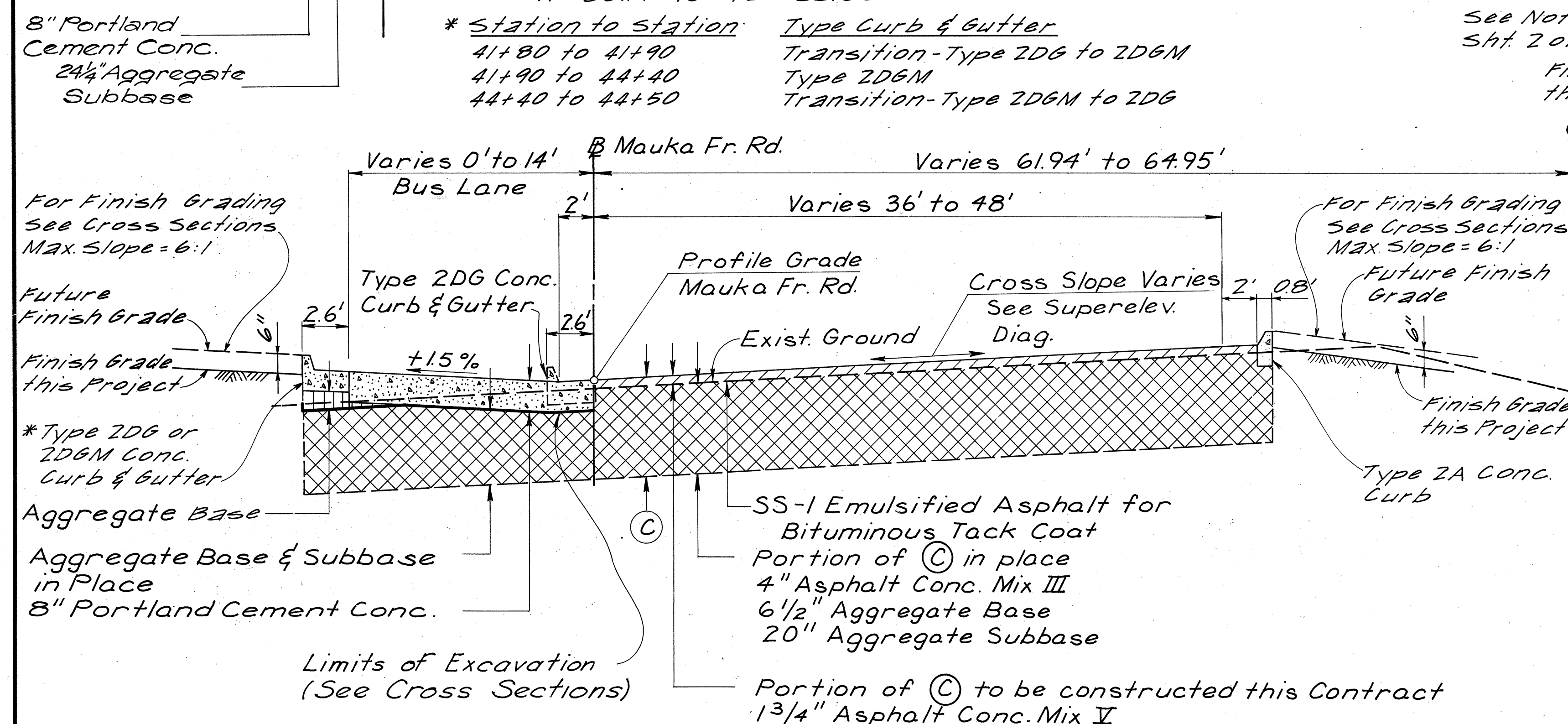
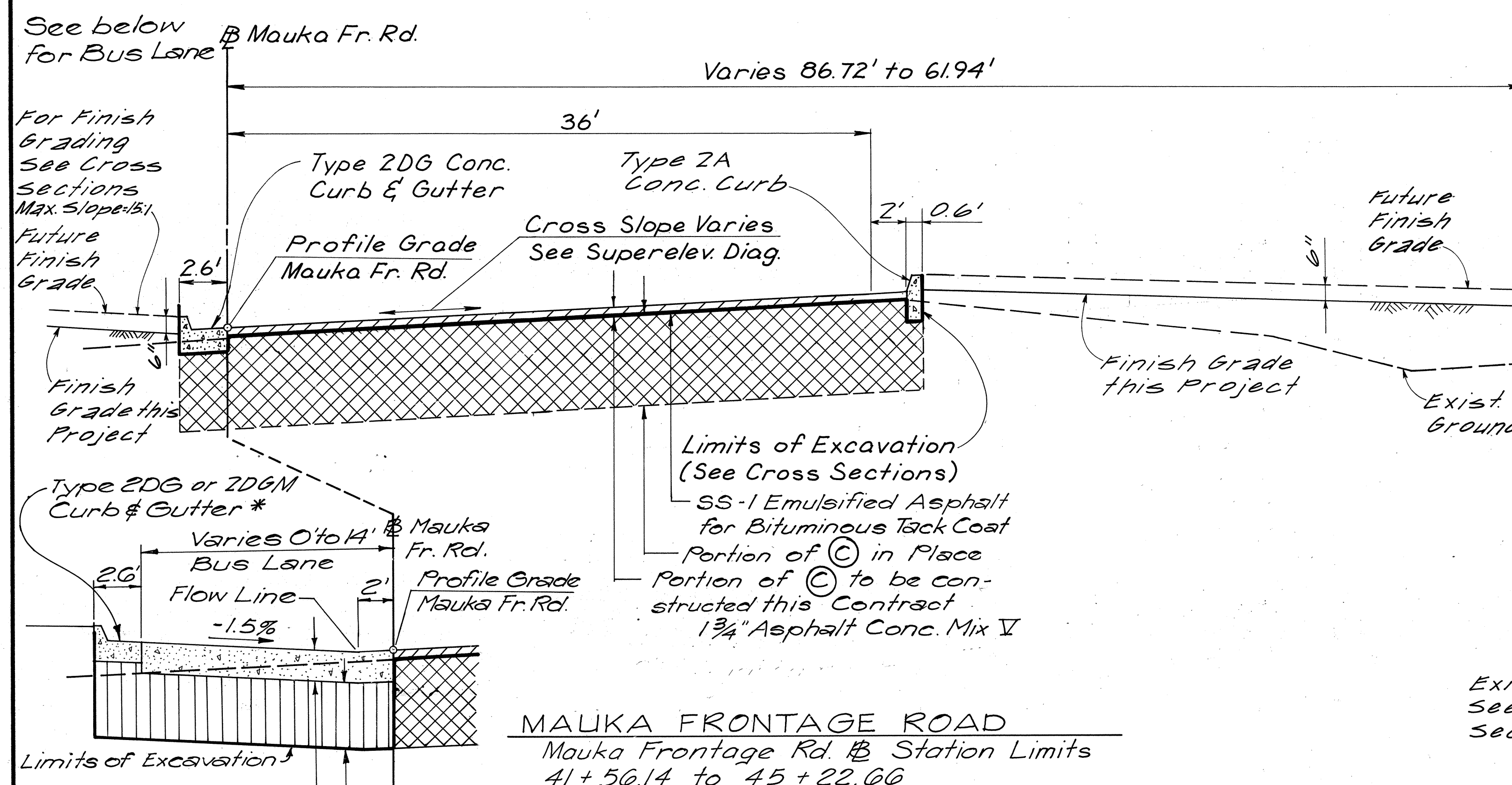
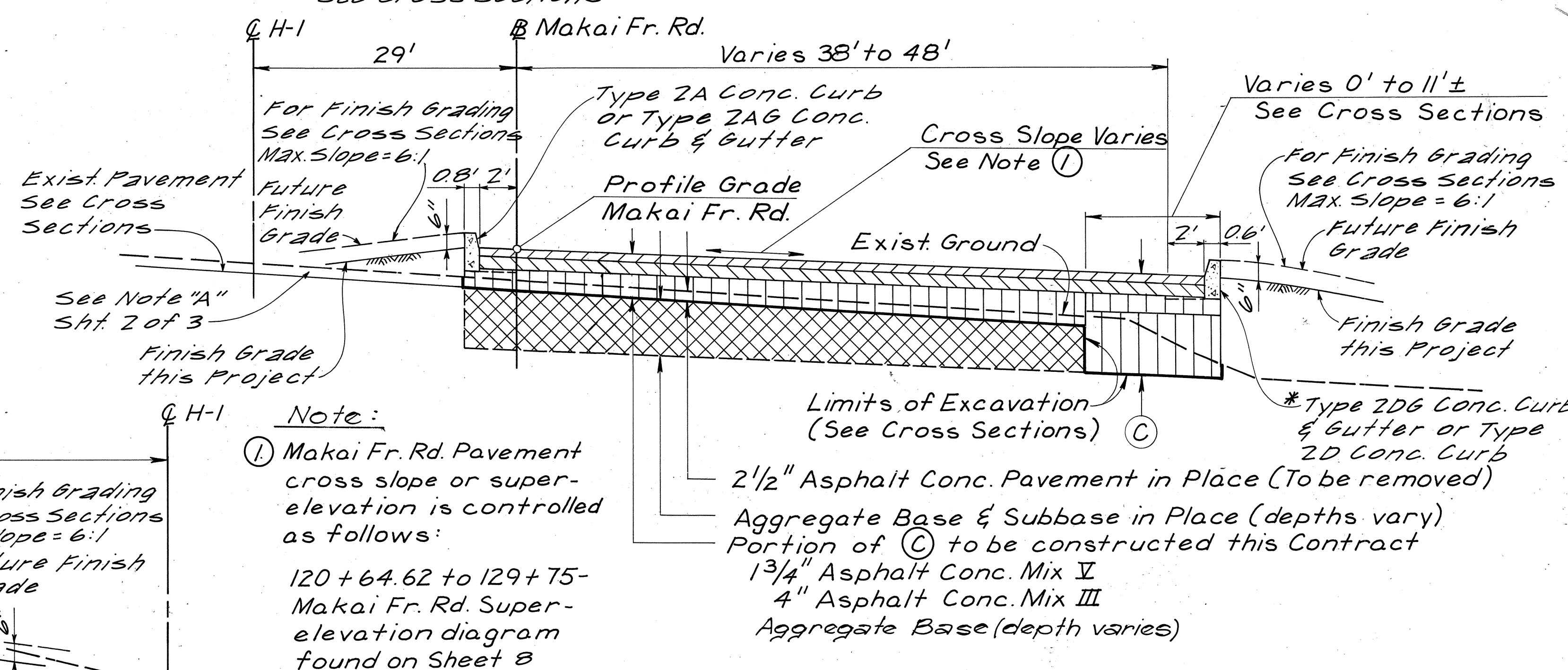
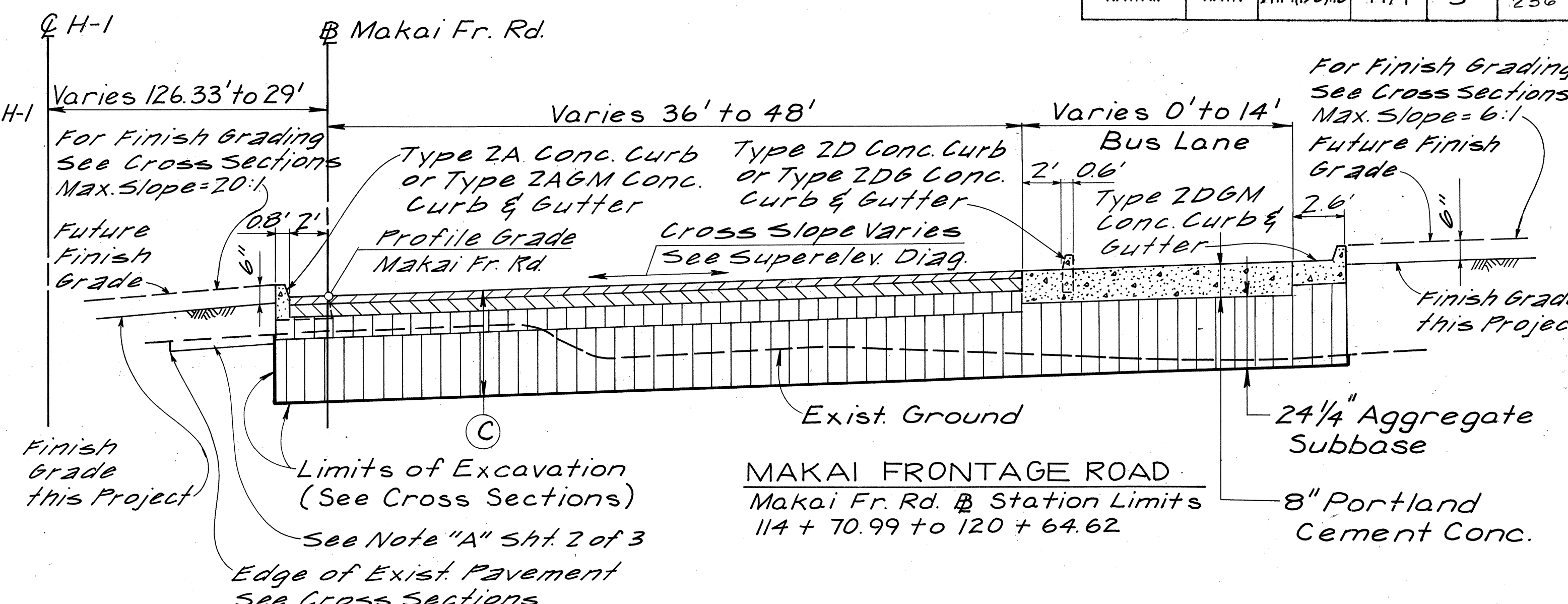


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(156)16	1979	3	236



Station	Curb & Gutter Type	MAUKA FRONTAGE ROAD
48+20 to 48+55.4	Transition Type 2DG to 2DGM	Mauka Fr. Rd. Station Limits 45+22.66 to 53+30.79
48+55.4 to 51+54.6	Type 2DGM	
51+54.6 to 51+90	Transition Type 2DGM to 2DG	

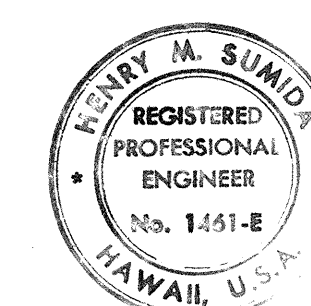
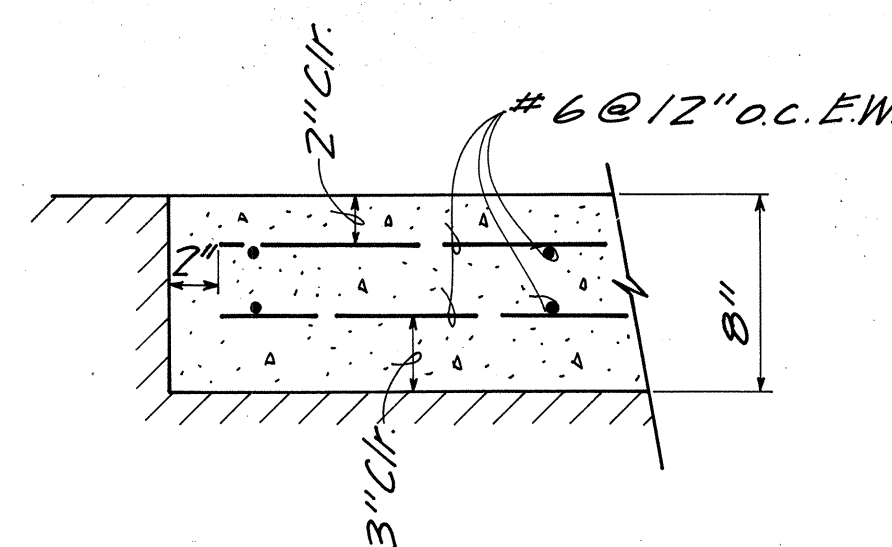


Note:

(1) Makai Fr. Rd. Pavement cross slope or super-elevation is controlled as follows:

120+64.62 to 129+75- Makai Fr. Rd. Super-elevation diagram found on Sheet 8

129+75 to 138+26 Cross Slope = -1.5% to the right of



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(156)16

SCALE: NO SCALE DATE: AUG. 9, 1977

SHEET No. 1 OF 3 SHEETS

APPROVED FOR GRADING ONLY:

3/24/79

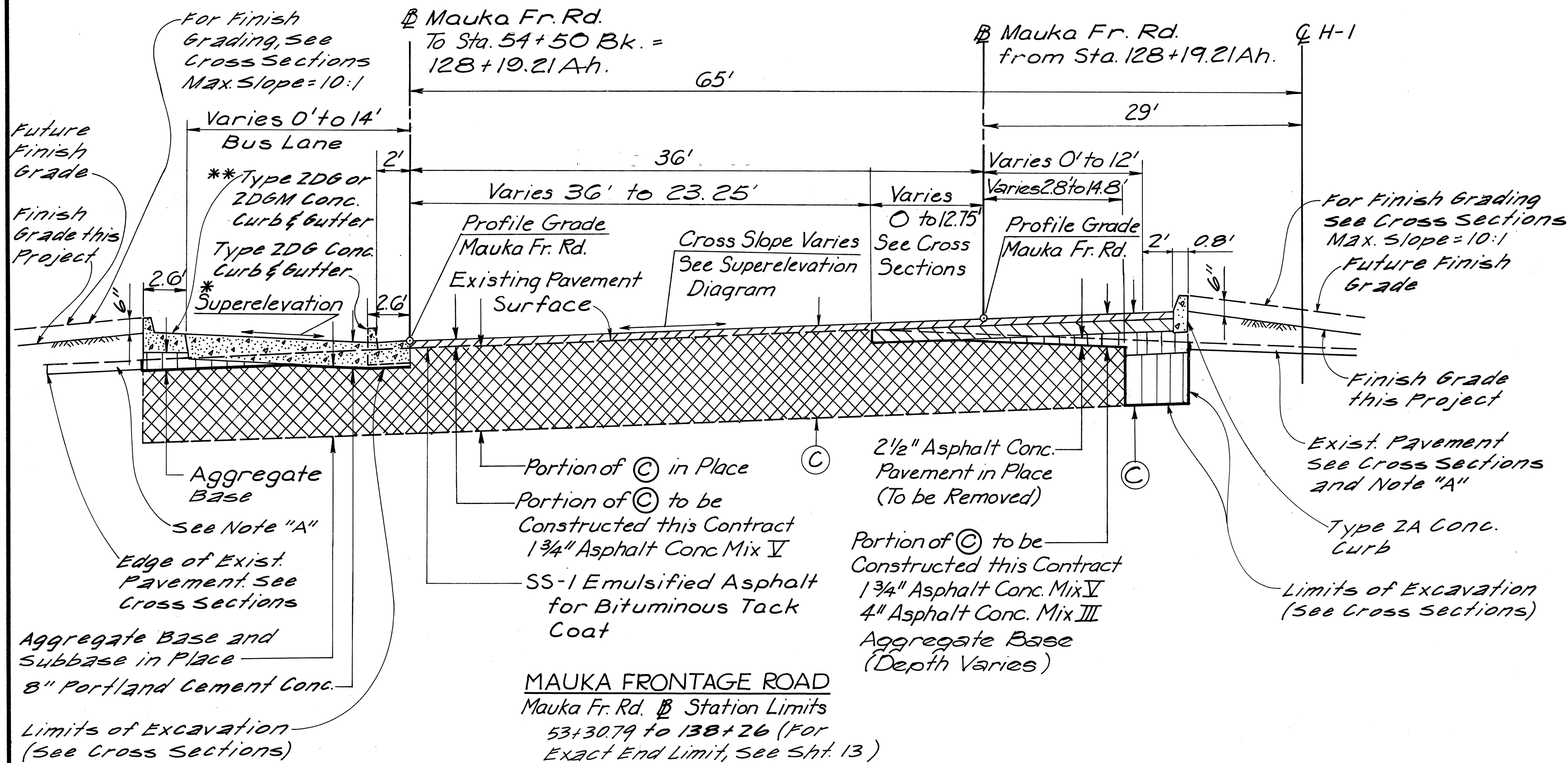
CHIEF, DIVISION OF ENGINEERING, DPW

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

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

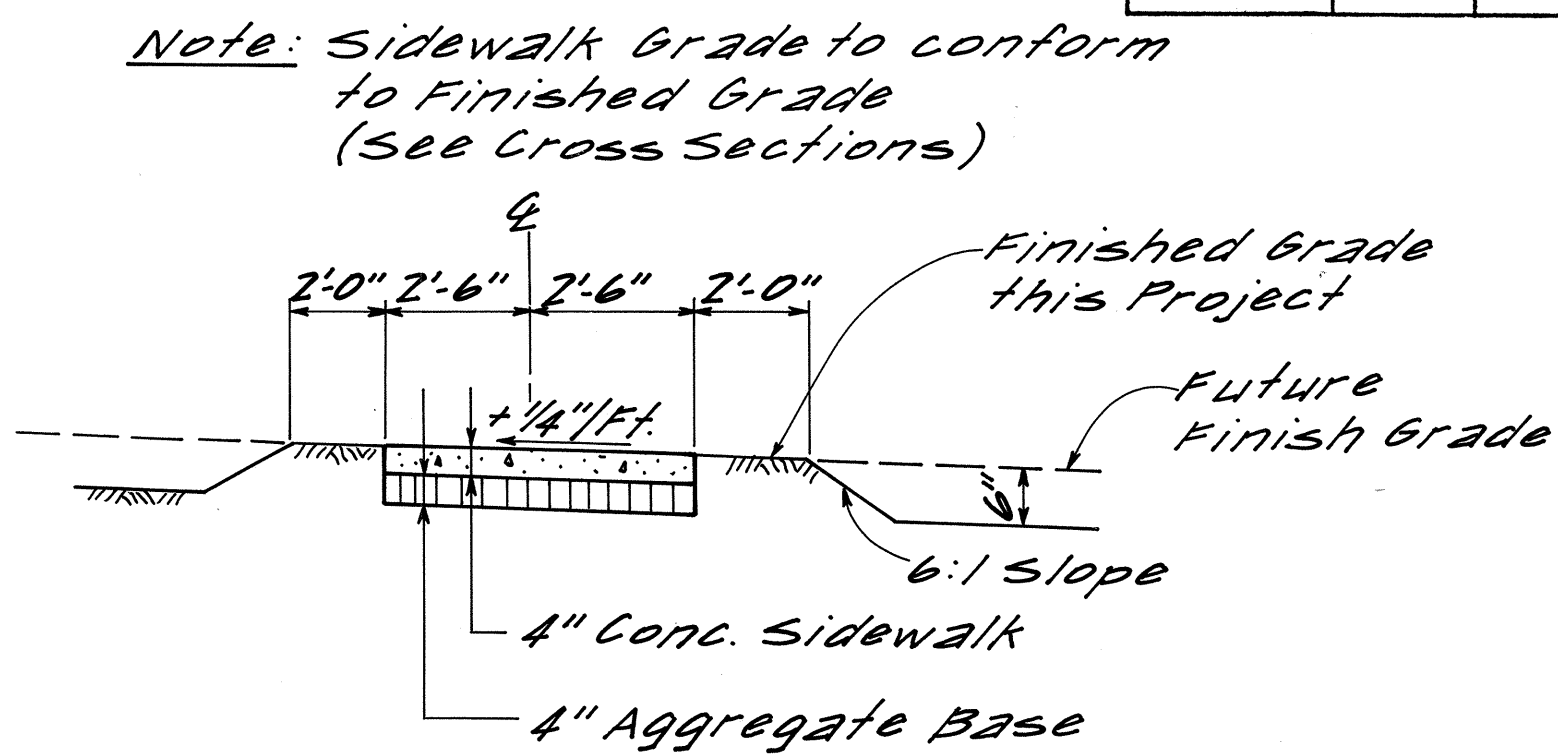
Henry M. Sumida

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(196)-16	1979	4	236

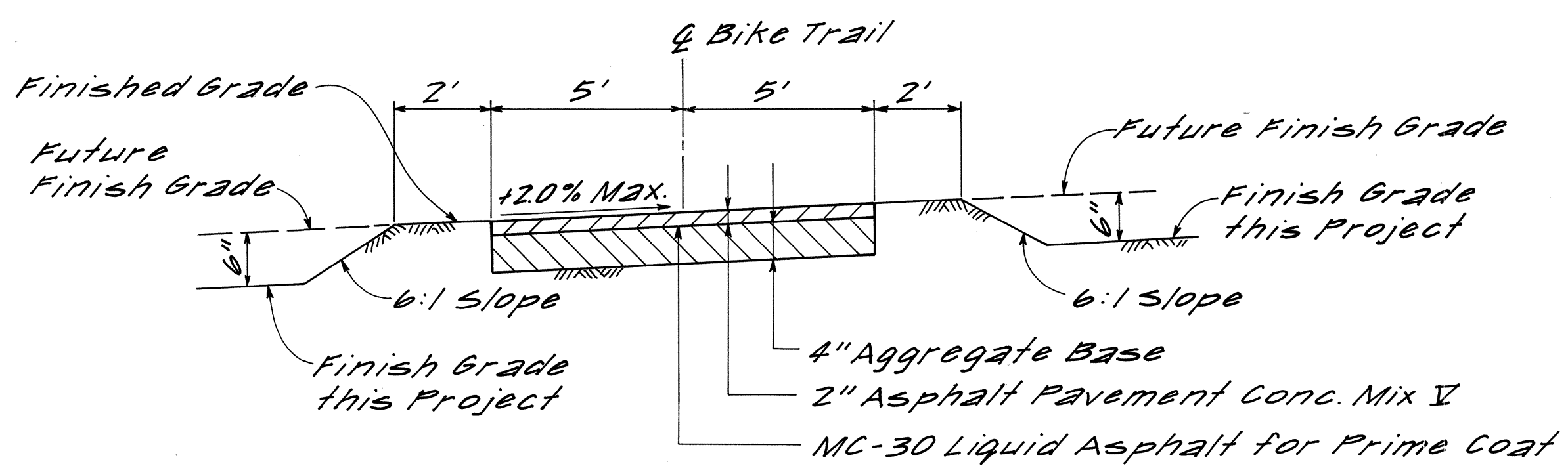


* Superelevation Rates for Bus Lanes are as follows:
Sta. 135+75 to Sta. 139+65
+1.5% to Lt. of B

* Station to Station Curb & Gutter
135+65 to 136+00.4 Transition Type 2DG to 2DGM
136+00.4 to 139+24.6 Type 2DGM
139+24.6 to 139+60 Transition Type 2DGM to 2DG



SIDEWALK SECTION
See Shts 6 & 7 for Alignment



BIKE TRAIL SECTION
See Shts. 6 & 7 for Alignment

Note: Bike Trail Grade to conform to Finished Grade (See Cross Sections)

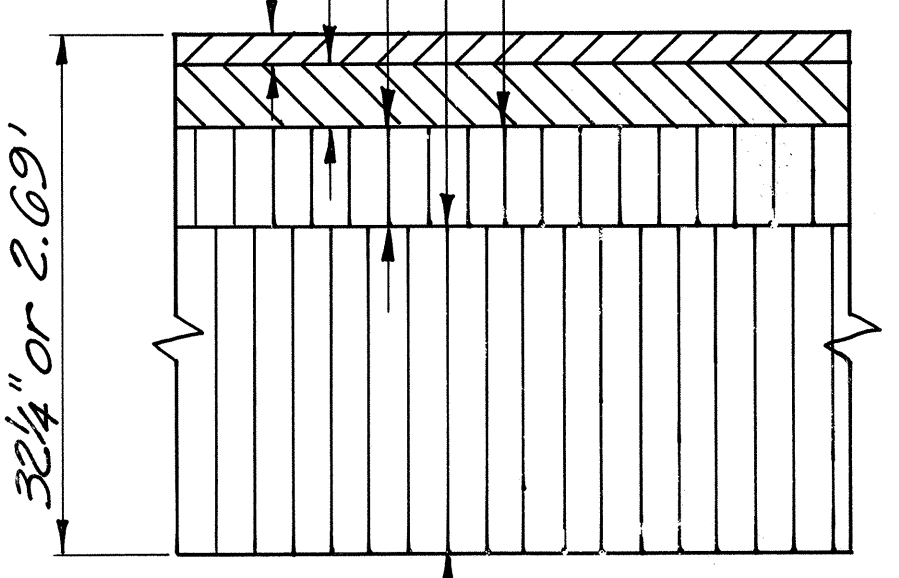
1 3/4" Asphalt Conc. Pavement, Mix V

4" Asphalt Conc. Pavement, Mix III

6 1/2" Aggregate Base

20" Aggregate Subbase

MC-30 Liquid Asphalt for Prime Coat

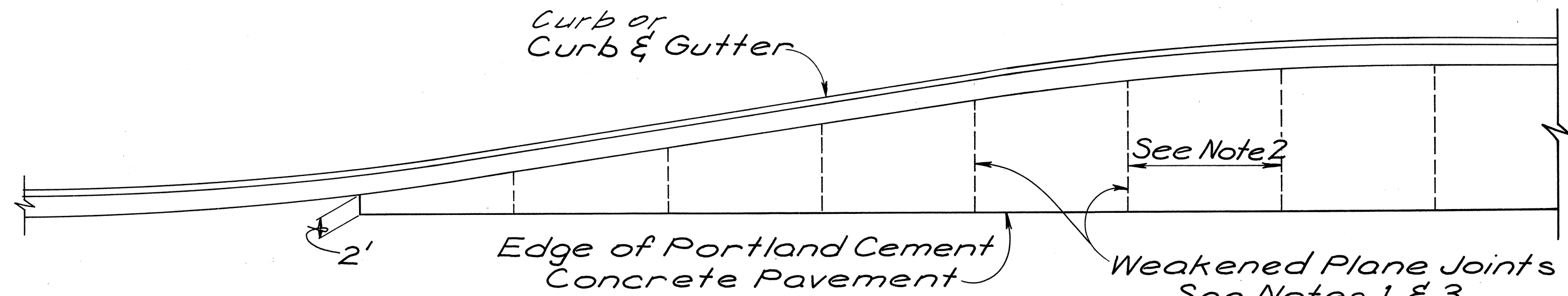


FRONTAGE ROAD SECTION C

SCALE: 1"=1'

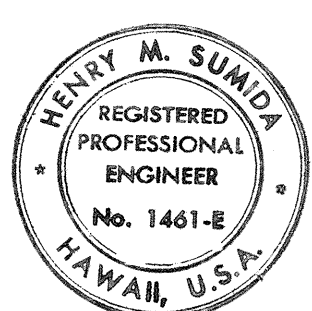
NOTE "A"

Removal of scarified asphalt conc. pavement beyond the limits of excavation shall consist of rooting, plowing, pulverizing or scarifying to a min. depth of 6-inches below exist. 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 w/ an approved earth cover.



- 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 CONC. PAVING DETAILS



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Henry M. Sumoy

APPROVED FOR GRADING ONLY:

Henry M. Sumoy 3/29/79
CHIEF, DIVISION OF ENGINEERING, DPW DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

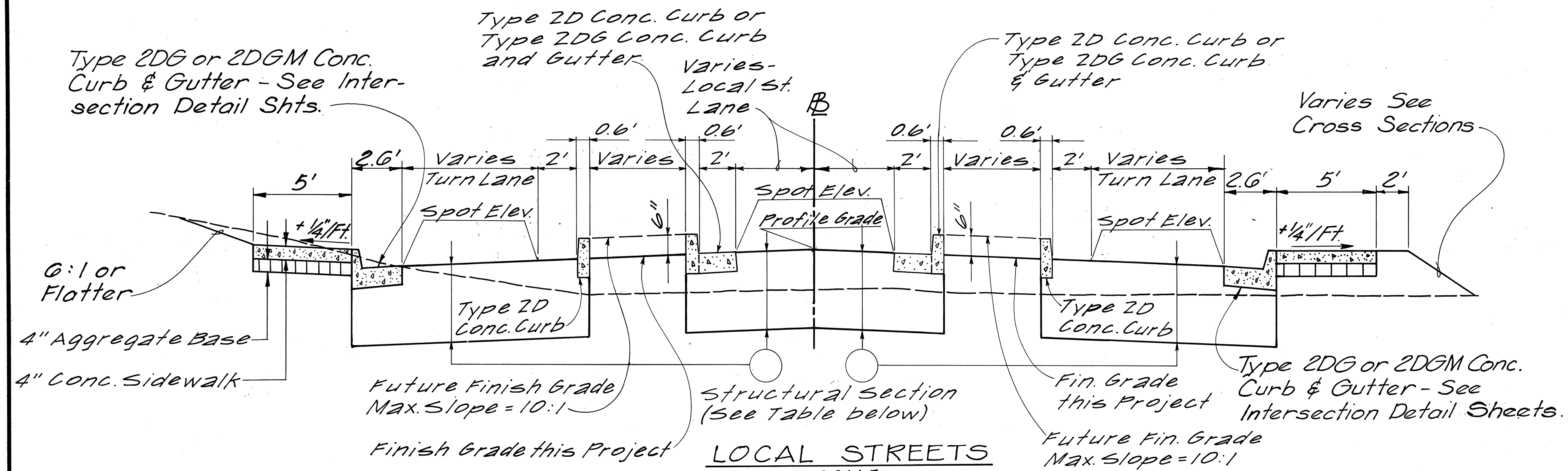
TYPICAL ROADWAY SECTIONS

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(196)-16

SCALE: NO SCALE DATE: AUG. 9, 1977

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IHI-1(156)-16	1979	5	236

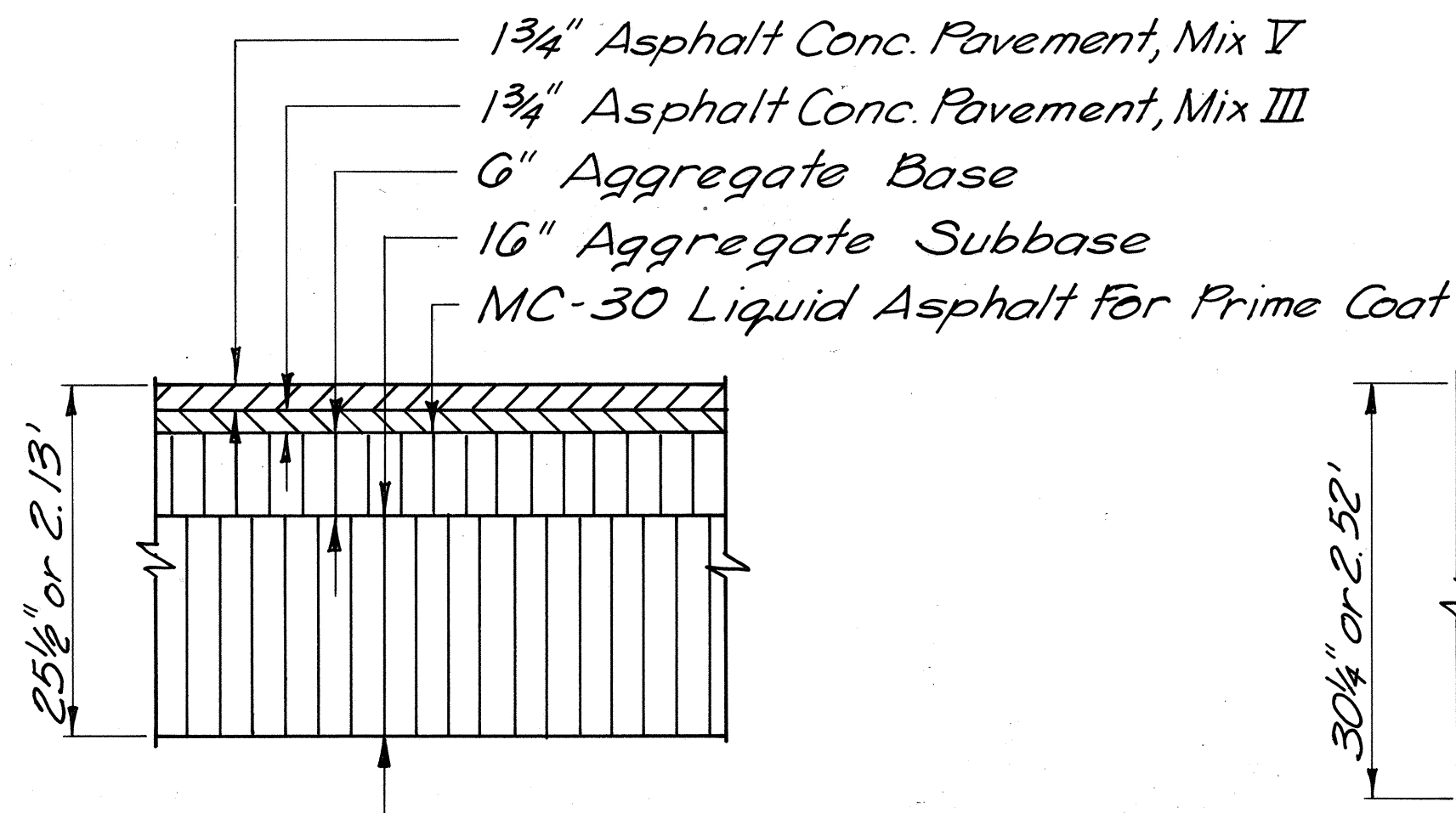


Street Name	Structural Section	Intersection Detail Sht. No.
Main Street	Ⓐ	10
Elliott Street	Ⓑ	11
Future Aolele St.	Ⓒ	13
Aolele Street	Ⓓ	12

LOCAL STREETS NO SCALE

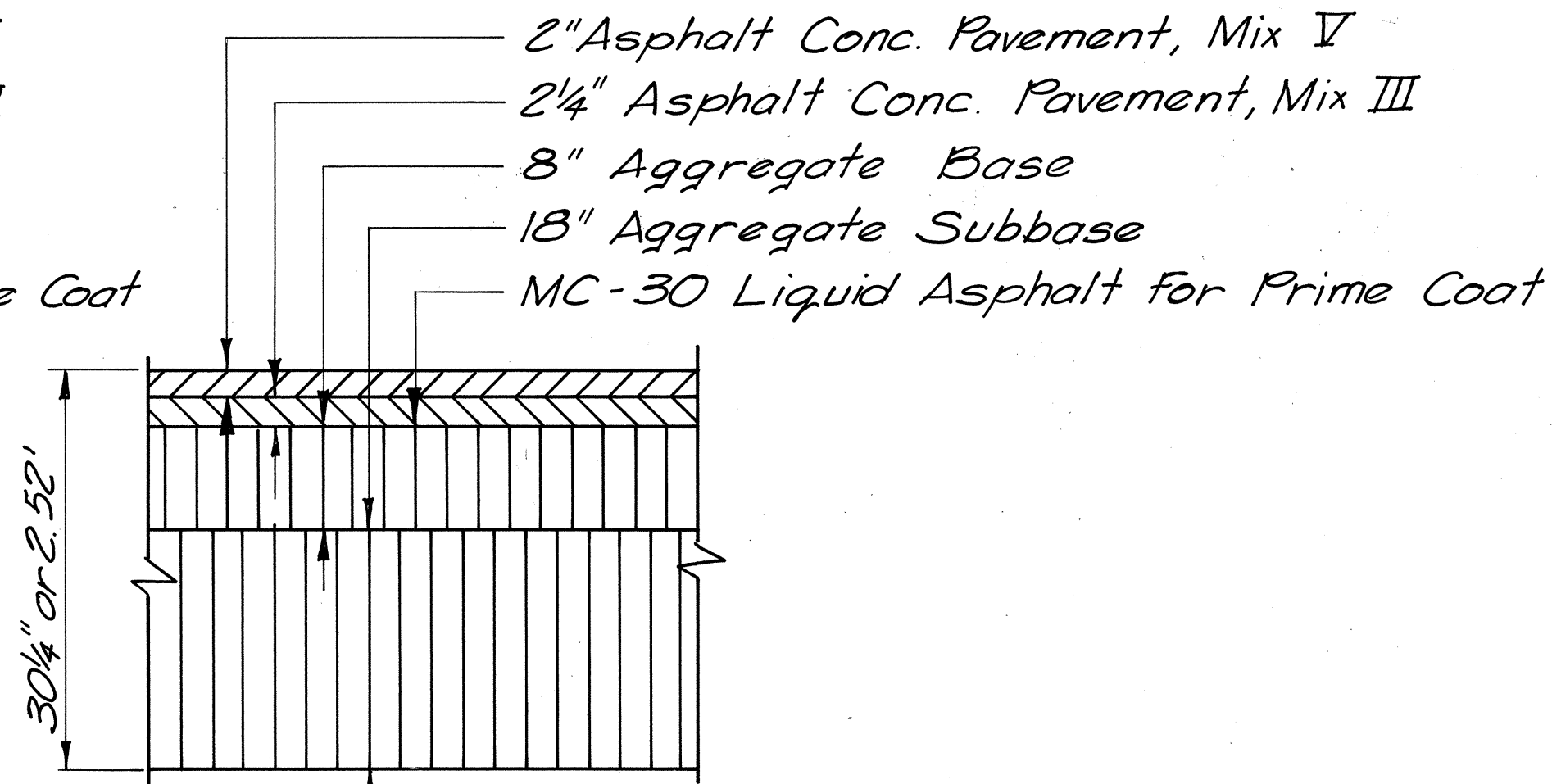
Main Street
Elliott Street
Future Aolele St.
Aolele St. (Exist. Elliott St.)

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

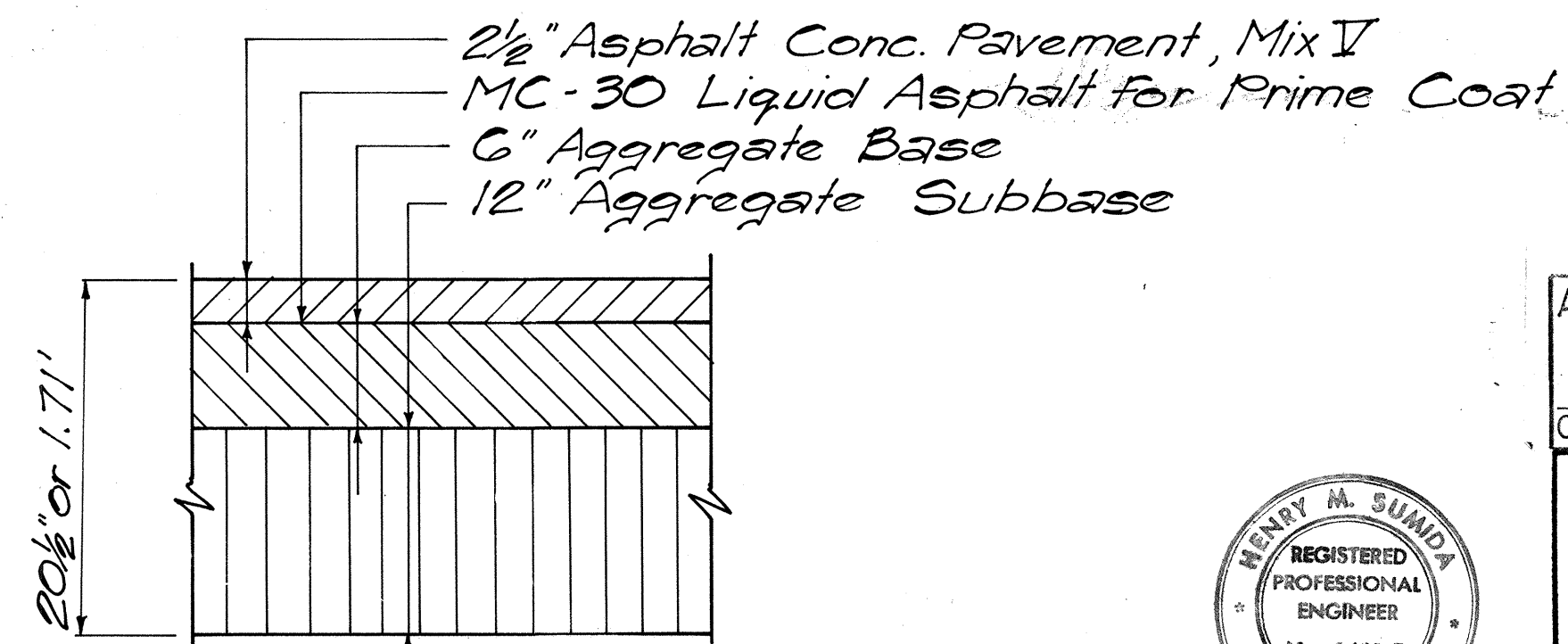


LOCAL ROAD SECTION Ⓓ
SCALE: 1" = 1'

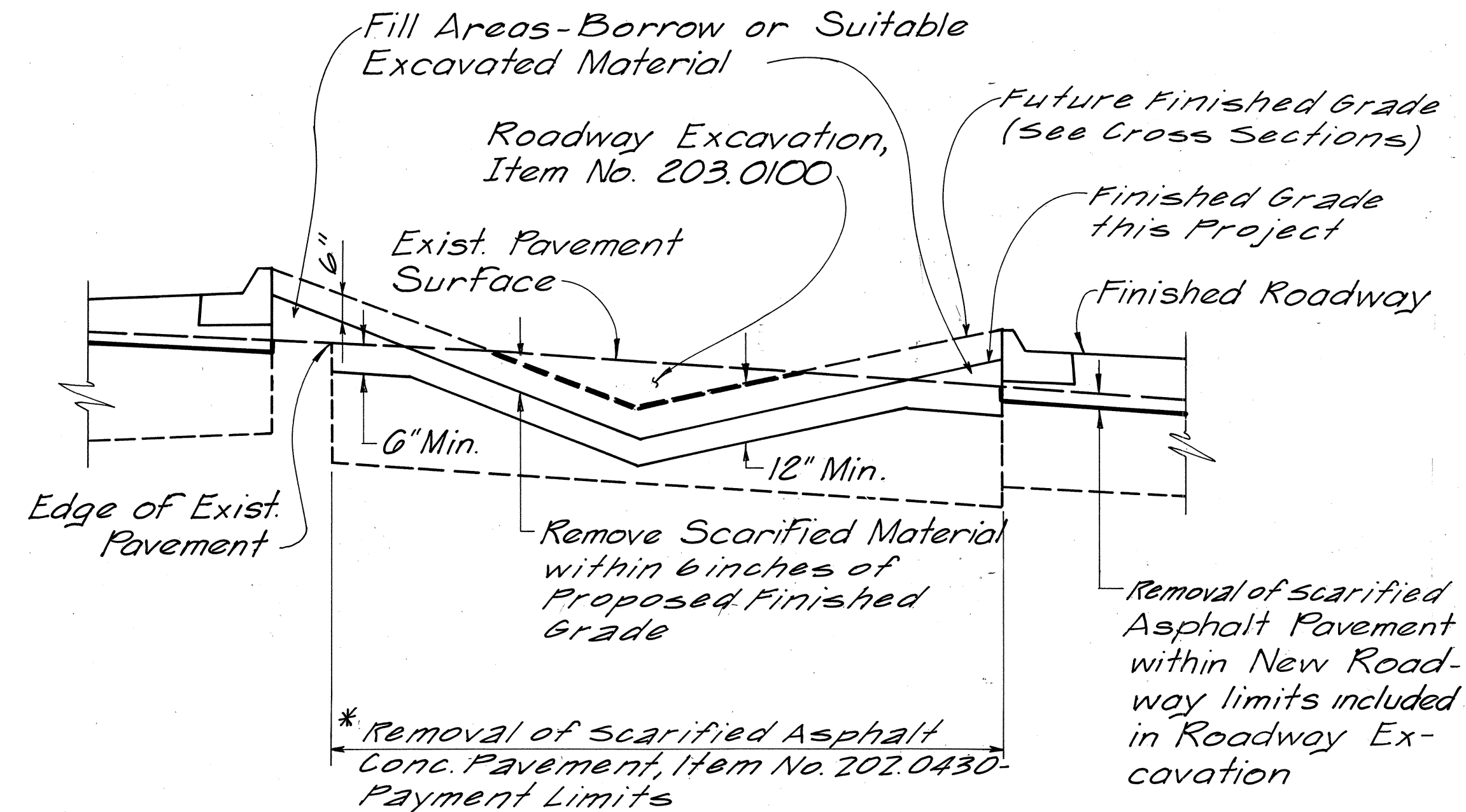
Main Street
Elliott Street
Aolele Street



LOCAL ROAD SECTION Ⓔ
SCALE: 1" = 1'
Future Aolele St.

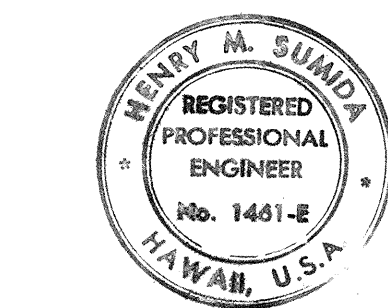


SECTION Ⓕ
SCALE: 1" = 1'
Detour



* Removal of scarified asphalt conc. pavement within 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 exist. 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



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

APPROVED FOR GRADING ONLY:	
<i>Henry M. Sundt</i>	3/29/77
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-1(156)-16	
SCALE: AS SHOWN	DATE: AUG. 9, 1977
SHEET No. 3 OF 3 SHEETS	