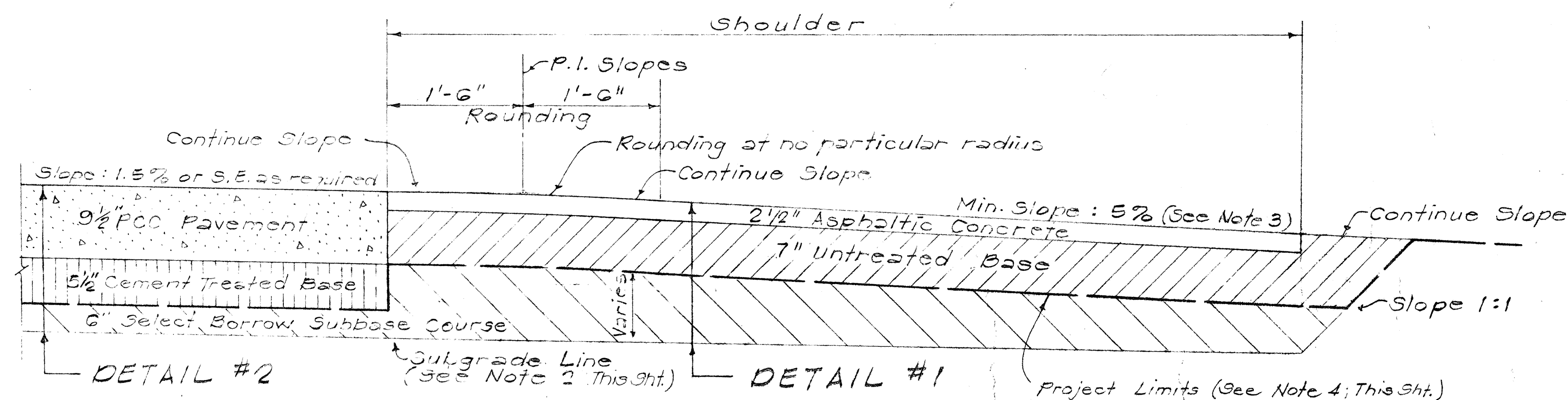
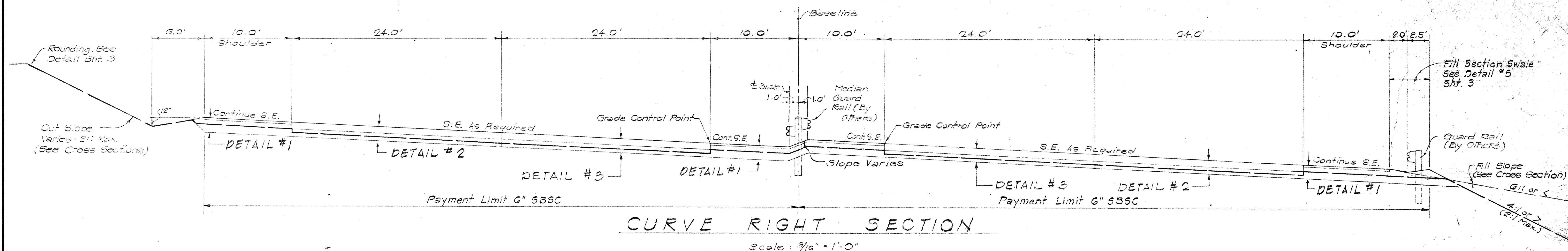
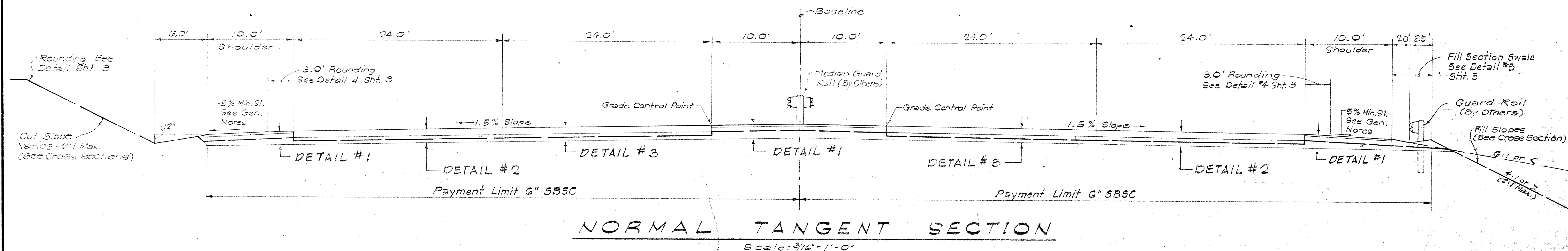
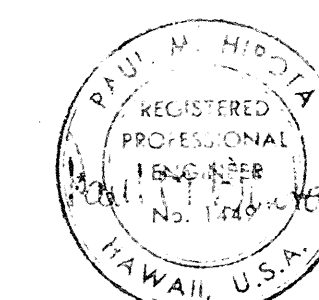


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(64)12 Unit 1	1969	2	158
I-HI-1(16)-11					



GENERAL NOTES

- 3/4" A.C. for shoulder shall be Asphaltic Concrete Mix No. IV, installed in one layer.
- Subgrade line shall be parallel to the pavement slope and shall end at the shoulder edge, except in fill section at the outer shoulder, where the pavement slopes to the outer shoulder, then the subgrade line shall continue to the edge of fill for drainage of the base course.
- Shoulders at normal tangent sections and on low side of super elevated sections shall have a minimum slope of 5% except when the pavement super elevation sloping down to the shoulder exceeds 5% then the pavement super elevation shall continue through the shoulder. Pavement super elevation shall also continue through the high side shoulders of super elevated sections. Transition from normal shoulder slope of 5% to 0% shall be made gradually within the pavement crown runoff distance.
- The limits of work under this contract for the highway sections shall be the heavy dash lines as shown on these typical sections unless otherwise specified in the plans. Base course and all highway pavement shall be by others under a separate contract.
- (*) Detail #3 Similar Except P.C.C. Pavement shall be 9" Thick & Cement Treated Base shall be 6" Thick.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

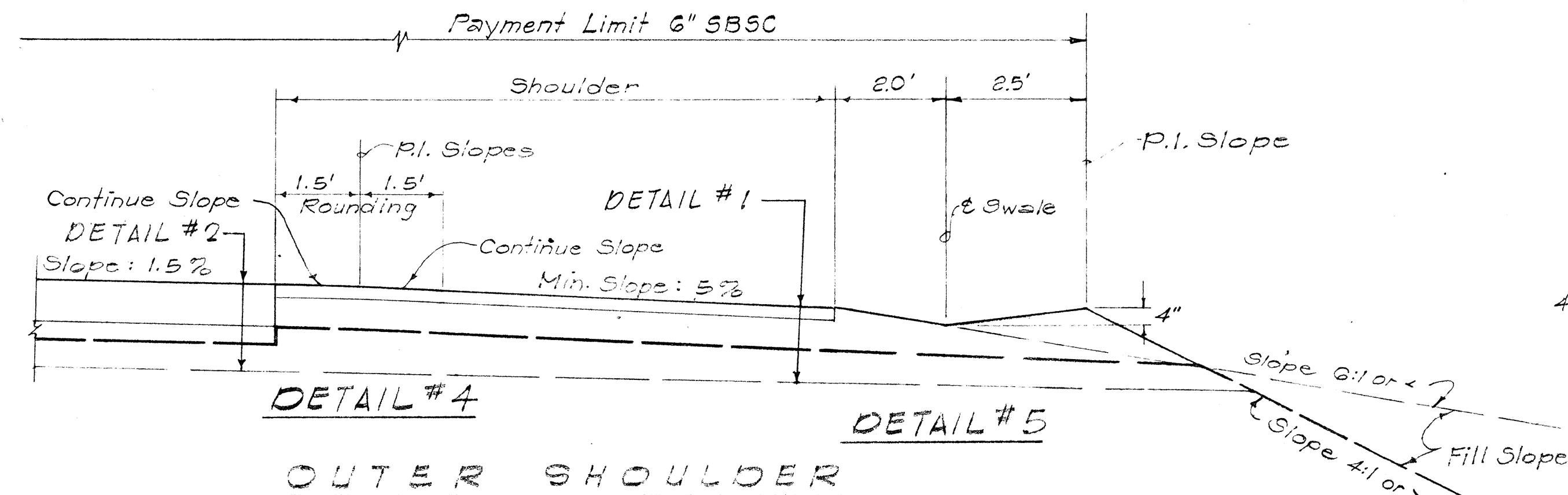
TYPICAL ROADWAY SECTIONS

INTERSTATE ROUTE 4-1
PROJ. NO. I-HI-1(64)12,
UNIT 1

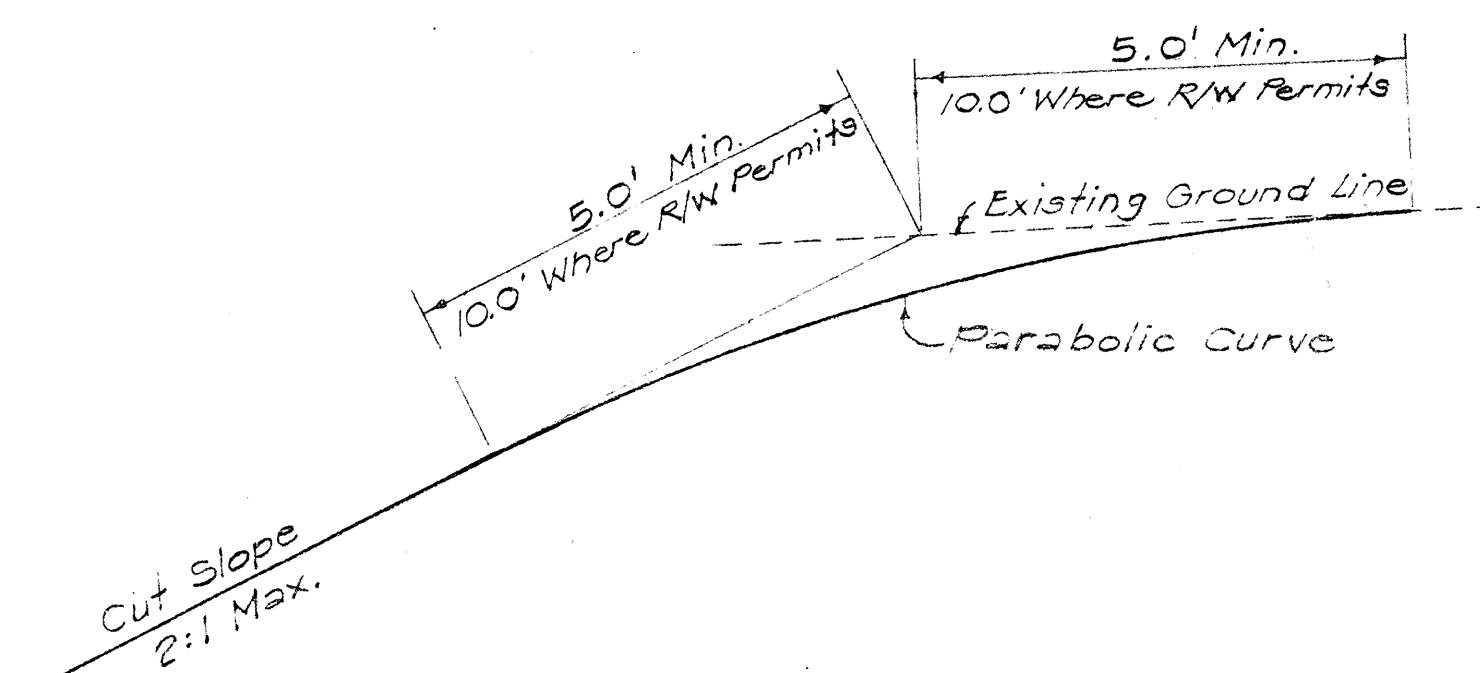
Scale: As Shown Date: 8/19/68
SHEET No. 1 OF 3 SHEETS

- & Detail #1 for median similar except that the Untreated Base shall be 6 1/2" thick.
- All quantities outside of the payment limit lines and/or varying in thickness from those shown in these Typical Sections shall be incidental to the related items of work.

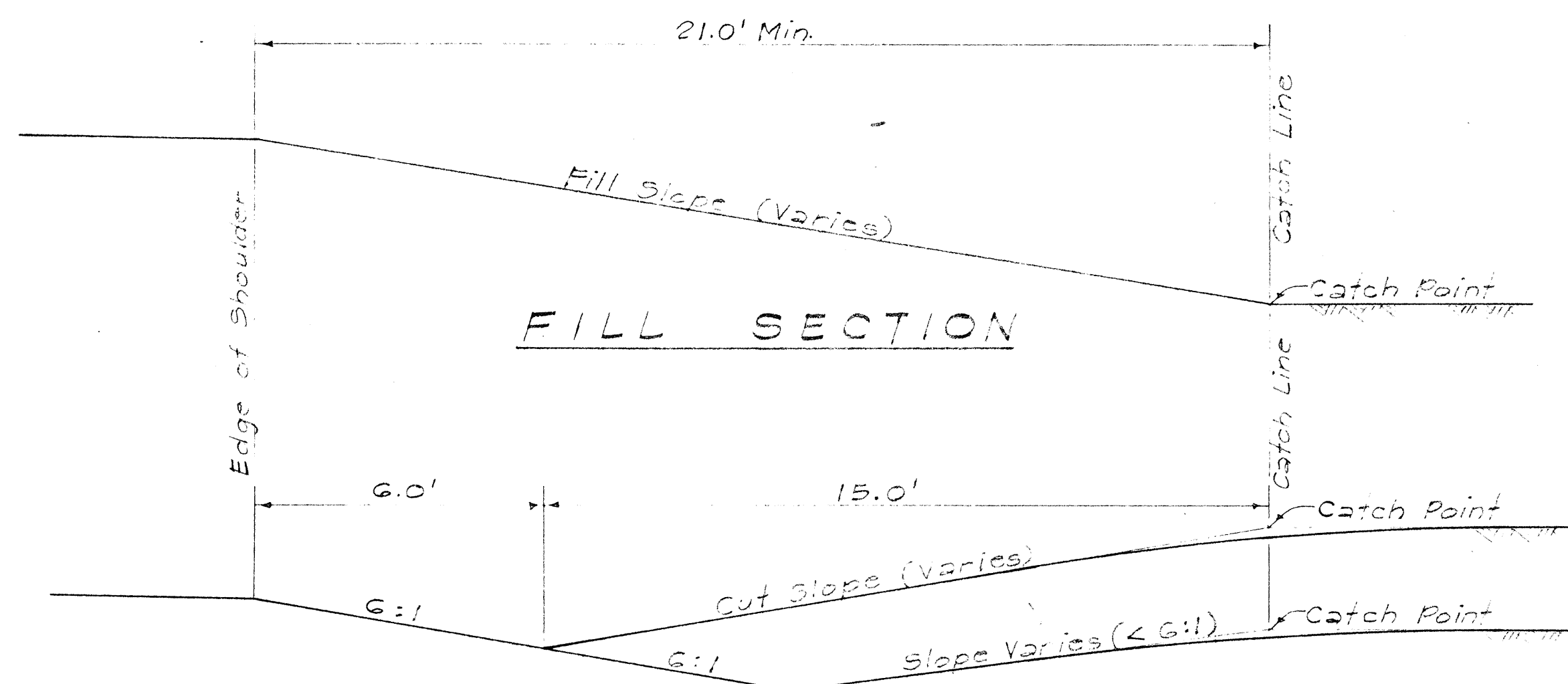
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H-1(64)12 Unit 1	1969	3	158



DETAILS #4 & #5
Scale: 1/2" = 1'-0"



ROUNDING AT TOP OF CUT
Scale: 1/2" = 1'-0"

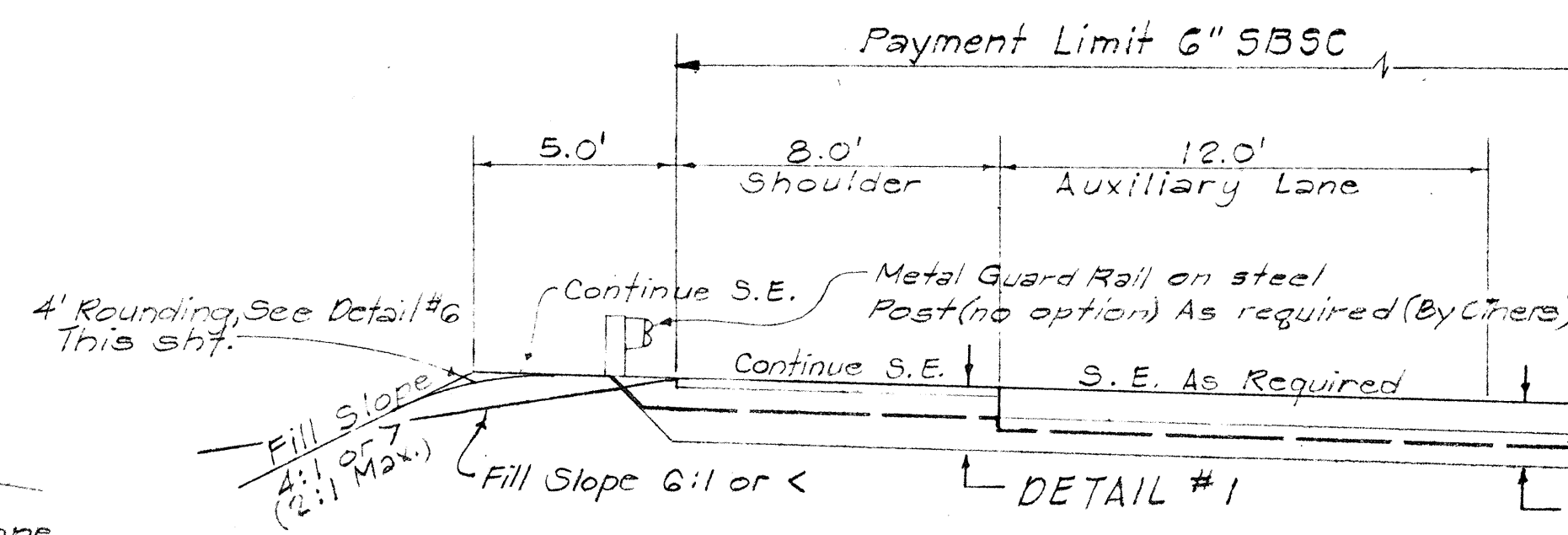


CUT SECTION

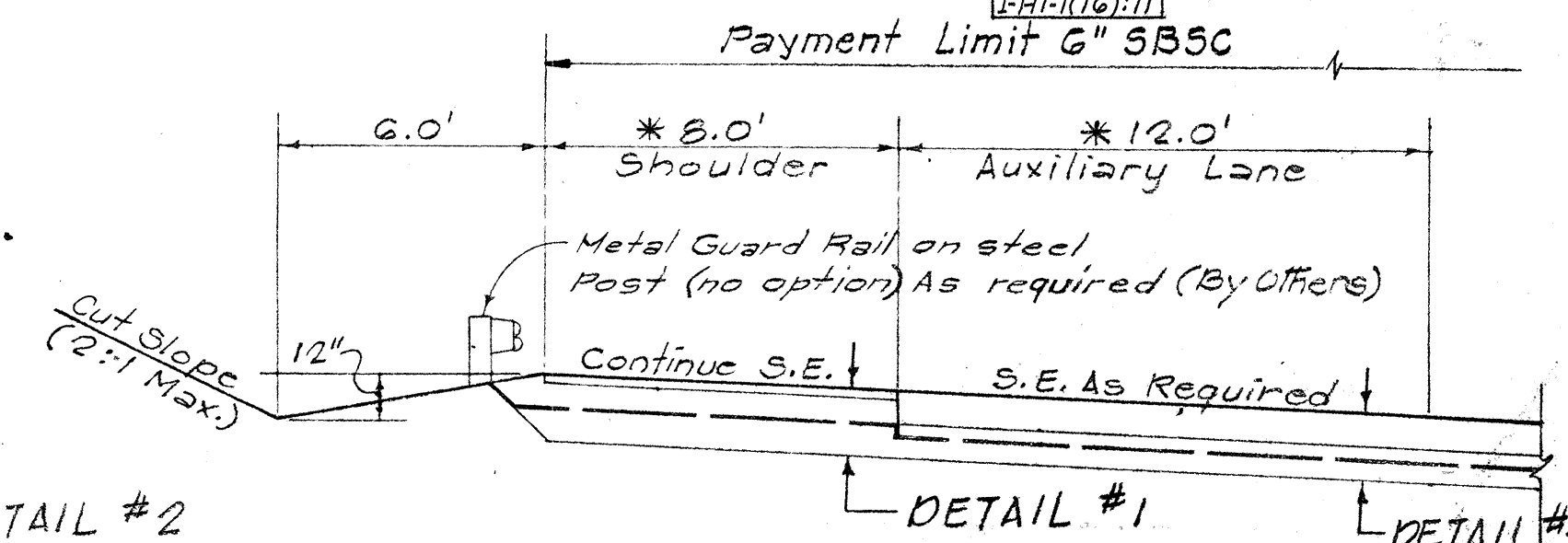
NOTE:

- Unless otherwise indicated, in sections where normal slopes catch in a distance less than 21' from edge of shoulder, flat slopes shall be used which catch on a line 21' from edge of shoulder.
- Transition between cut & fill section, shall be made by varying the cut slope beyond the $\frac{1}{2}$ of swale and holding the catch line at 21' from the edge of shoulder. Unless otherwise indicated, swale slopes roadway side of $\frac{1}{2}$ shall be 6:1.

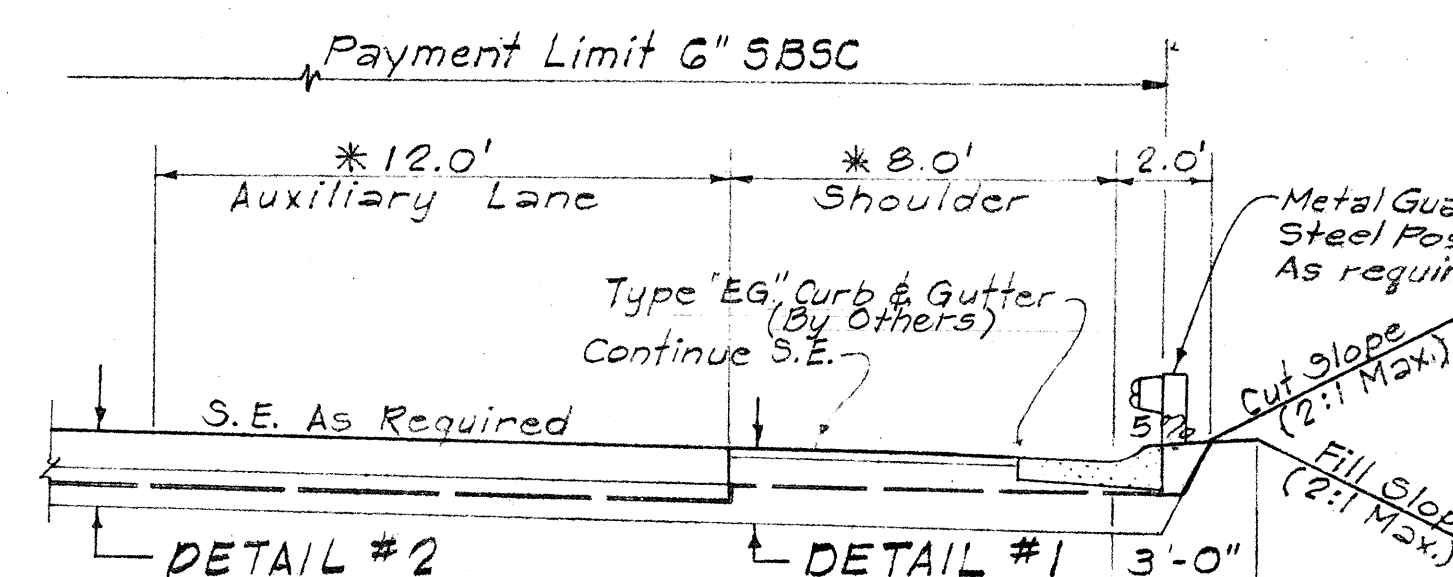
SLOPE TRANSITION DETAIL
Scale: 3/8" = 1'-0"



OUTBOUND FILL SECTION
(WITHOUT CURBS)



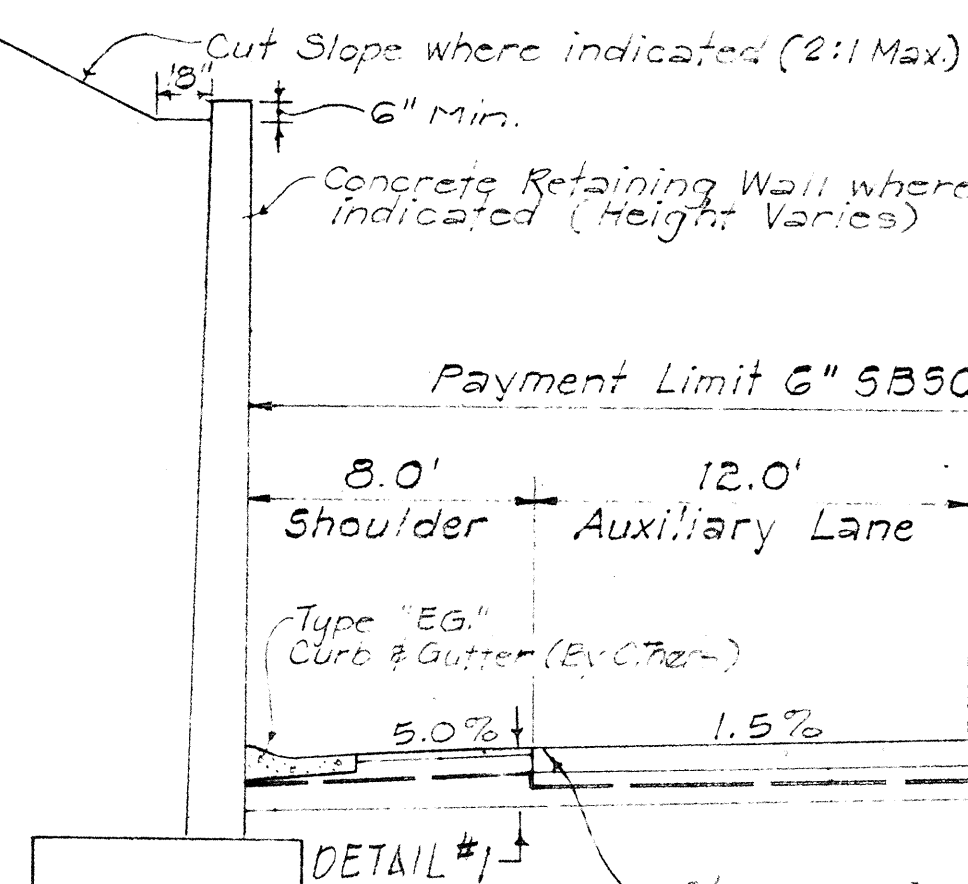
OUTBOUND CUT SECTION
(WITHOUT CURBS)



INBOUND CUT OR FILL SECTION
(WITH CURBS)

AIEA AUXILIARY LANE - CURVE RIGHT

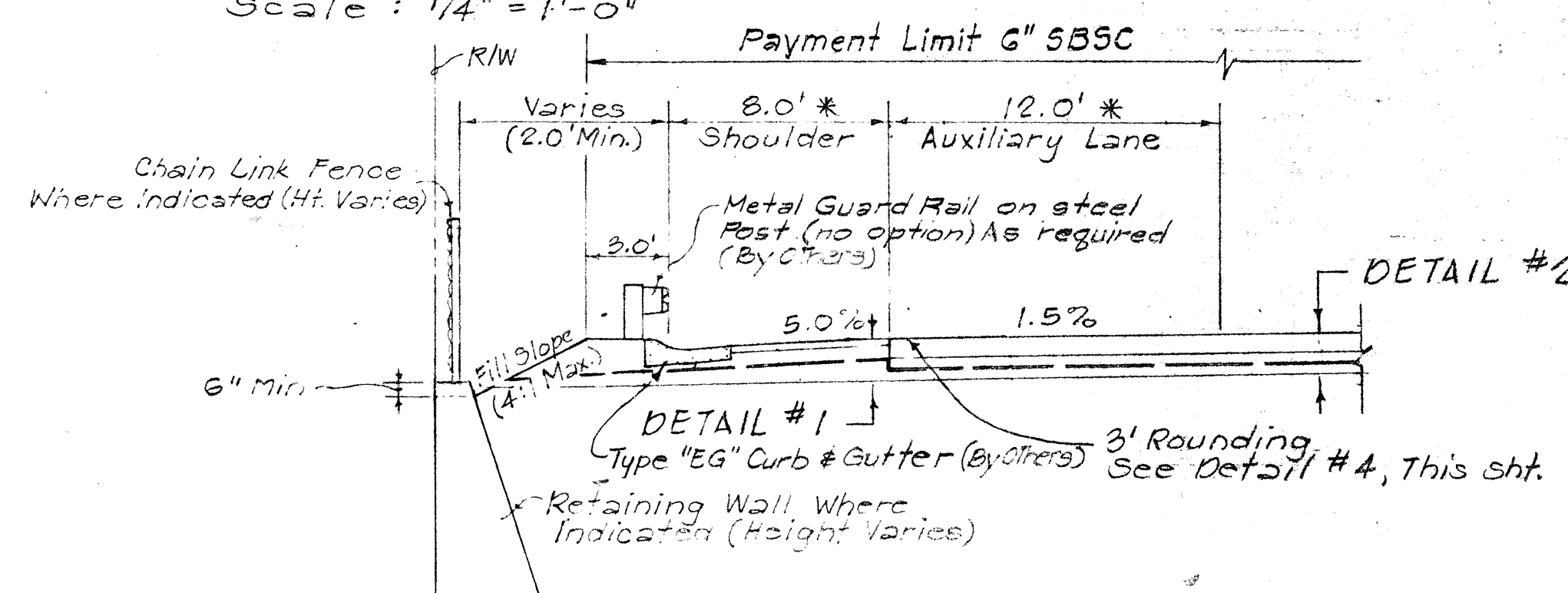
Scale: 1/4" = 1'-0"



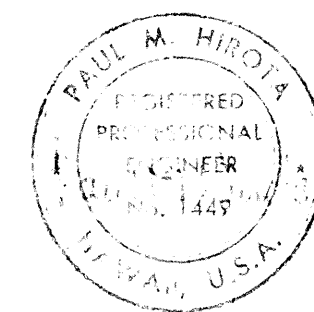
OUTBOUND-INBOUND CUT SECTION

AIEA AUXILIARY LANE - TANGENT SECTION

Scale: 3/16" = 1'-0"



OUTBOUND-INBOUND FILL SECTION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

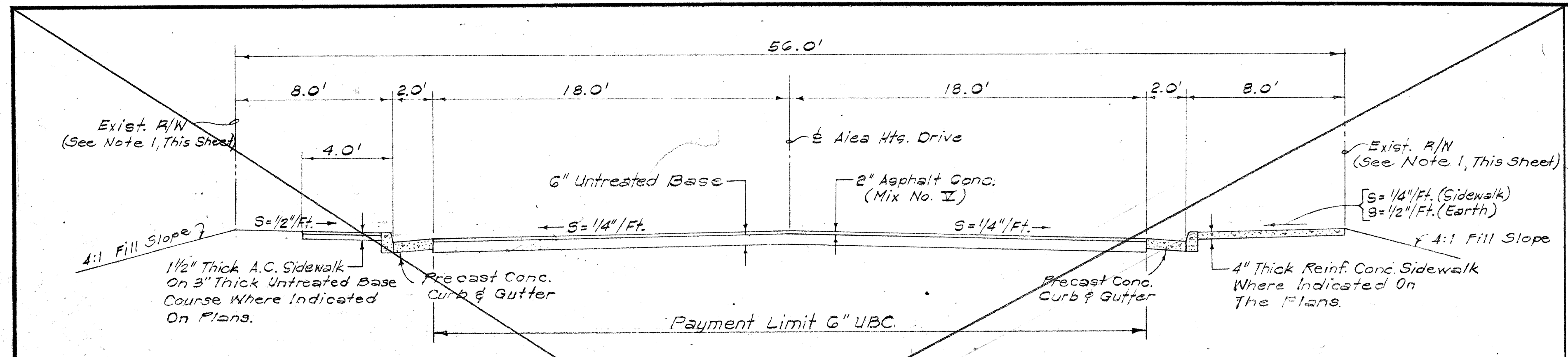
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY
SECTIONS

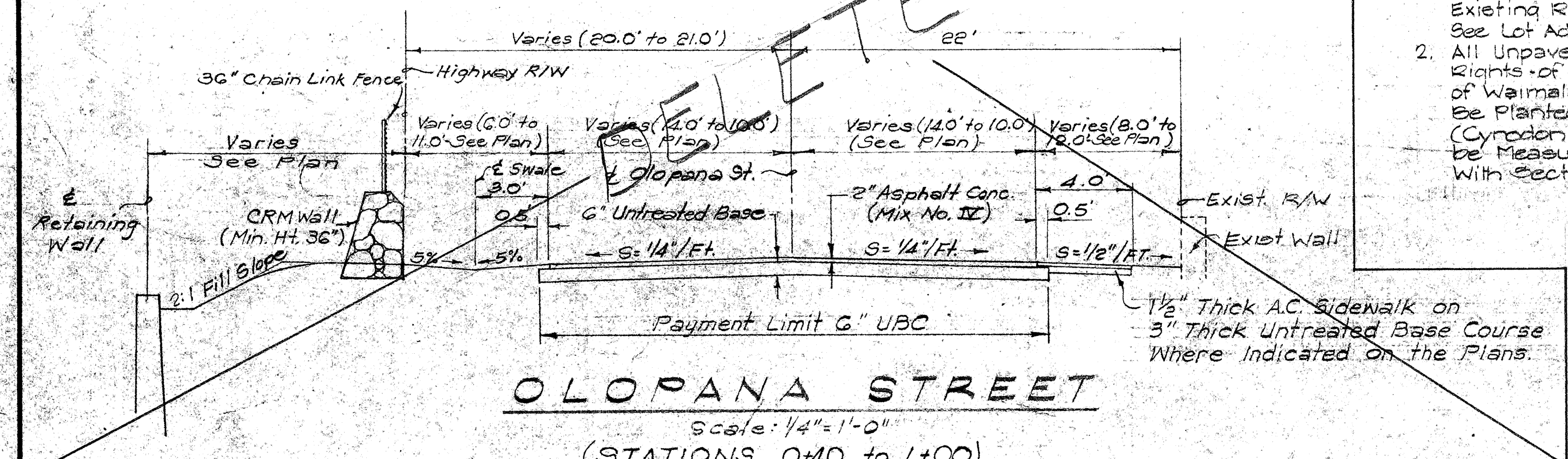
INTERSTATE ROUTE H-1
PROJ. NO. I-H-1(64)12,
UNIT 1

Scale: As Shown Date: 8/19/68
SHEET No. 2 OF 3 SHEETS

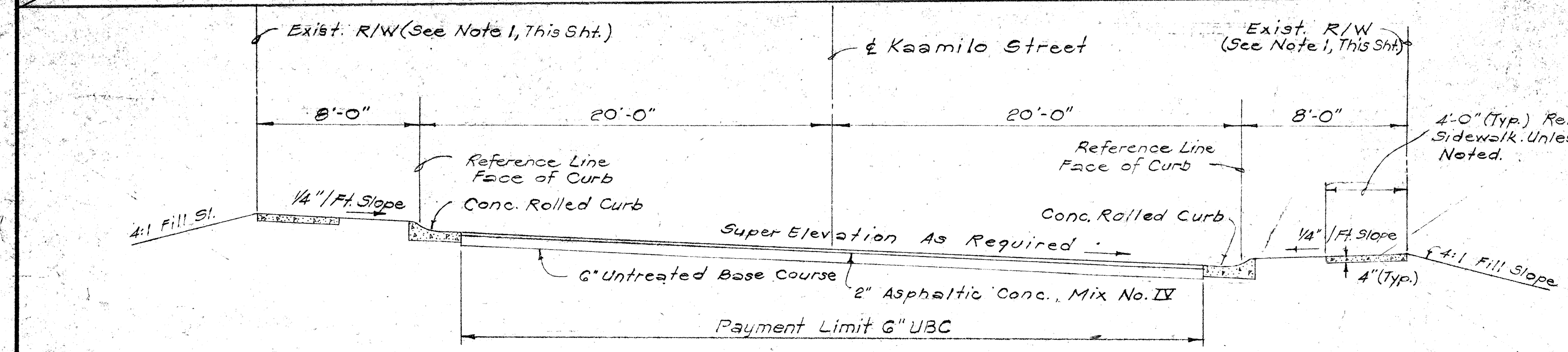
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(64)12 Unit 1	1969	4	158
		1-HI-1(16)11			



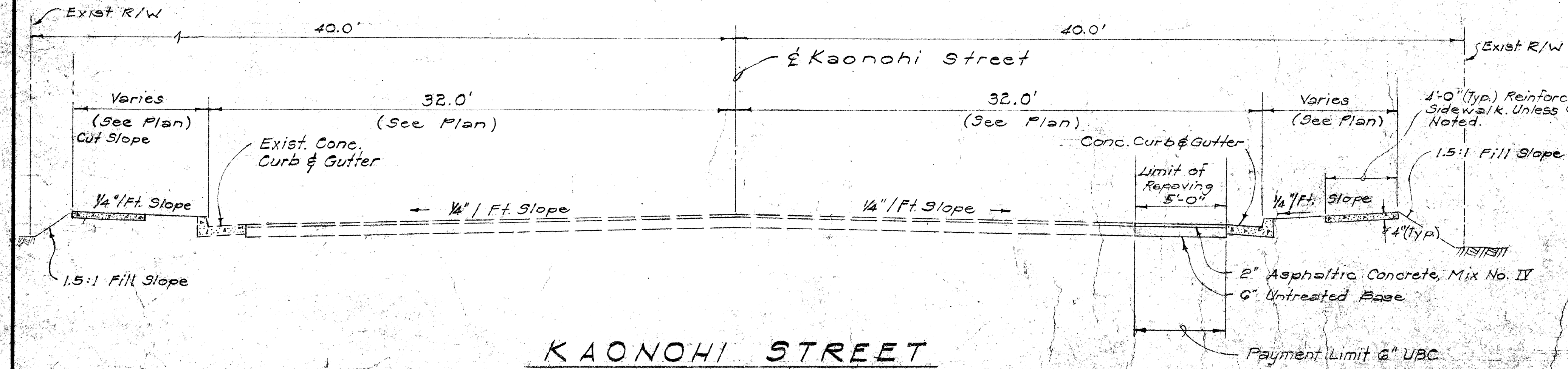
AIEA HEIGHTS DRIVE
Scale: 1/4" = 1'-0"



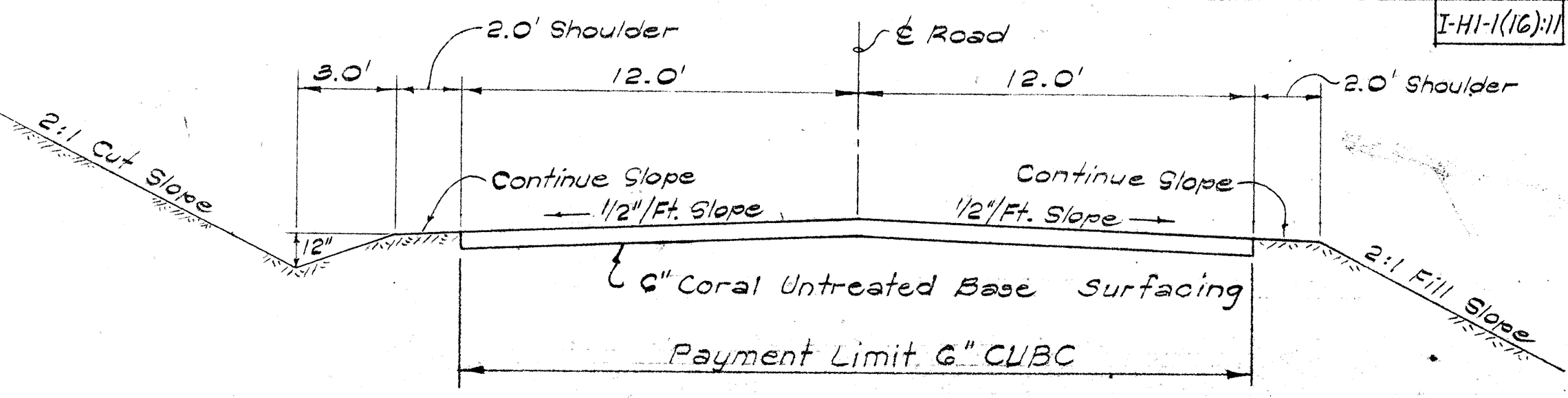
OLOPANA STREET
Scale: 1/4" = 1'-0"
(STATIONS 0+40. to 1+00)



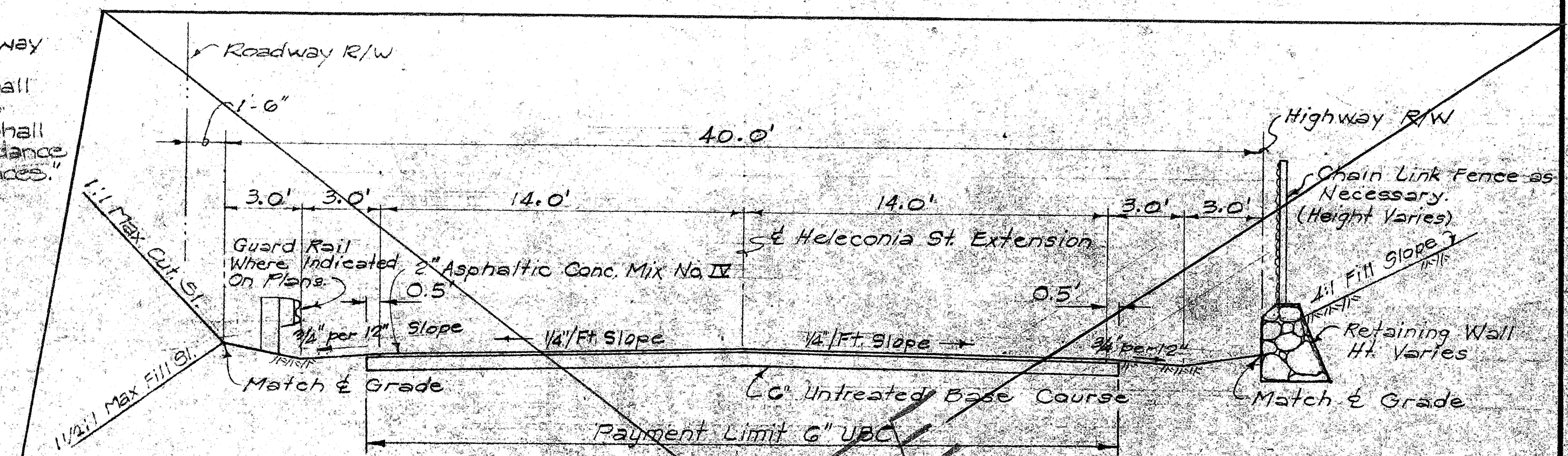
KAAMILO STREET
Scale: 1/4" = 1'-0"



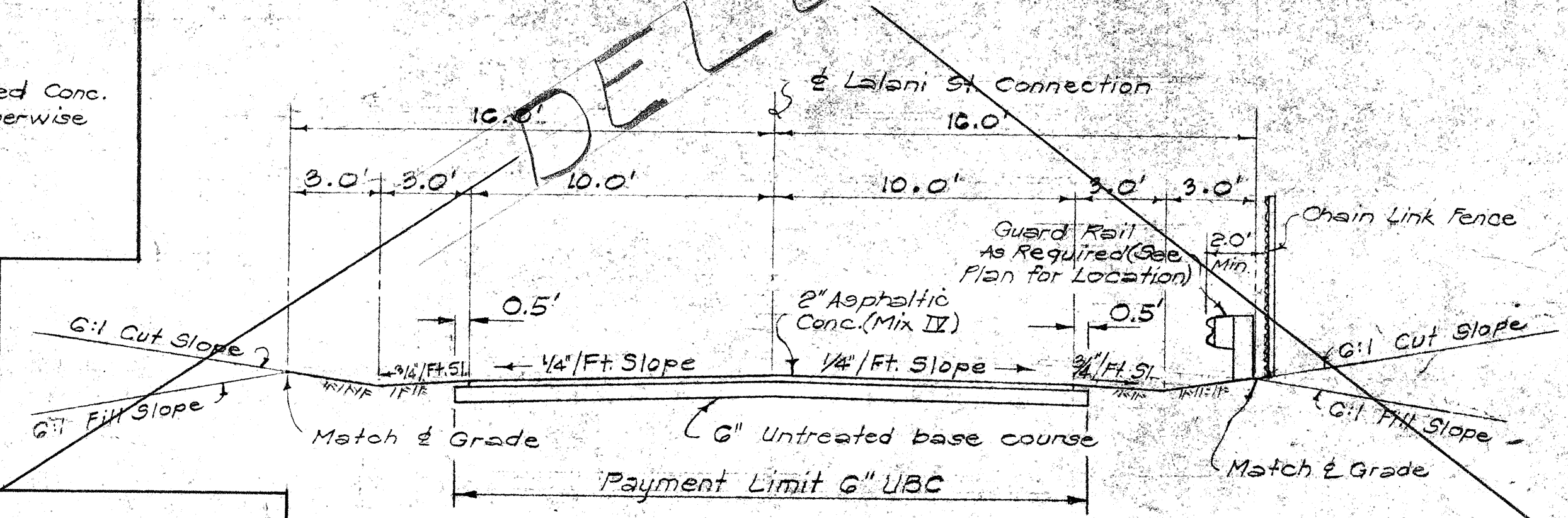
KAONOH I STREET
Scale: 1/4" = 1'-0"



WAIMALU VALLEY ACCESS ROAD
Scale: 1/4" = 1'-0"



HELECONIA STREET EXTENSION
Scale: 1/4" = 1'-0"



LALANI STREET CONNECTION
Scale: 1/4" = 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

INTERSTATE ROUTE 4-1
PROJ. NO. 1-HI-1(64)12
UNIT 1

Scale: As Shown Date: 8/12/68
SHEET No. 3 OF 3 SHEETS

DATE	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	
NO.	