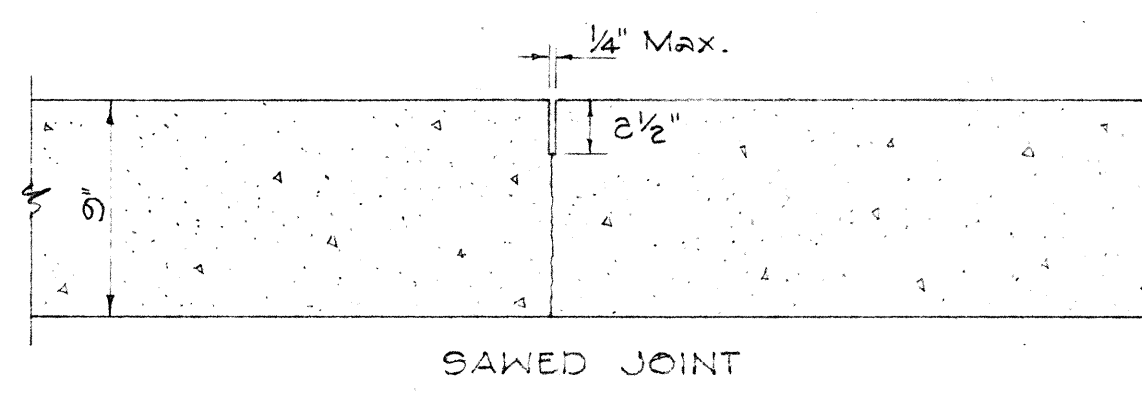
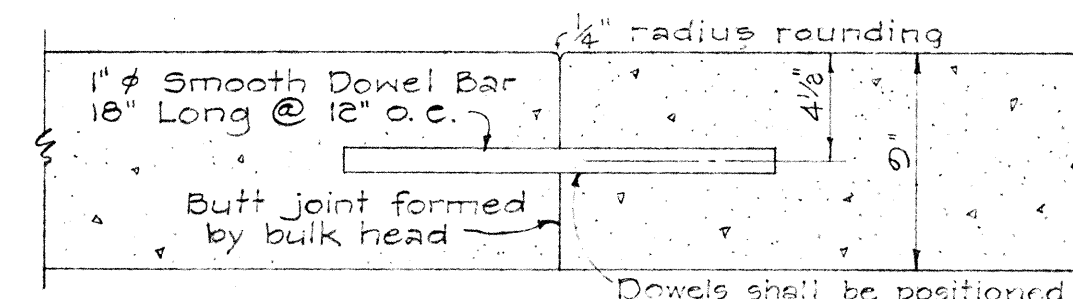
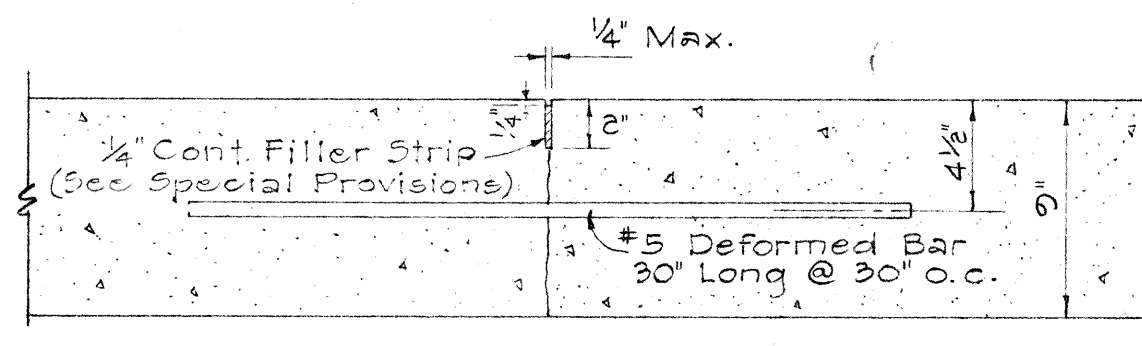




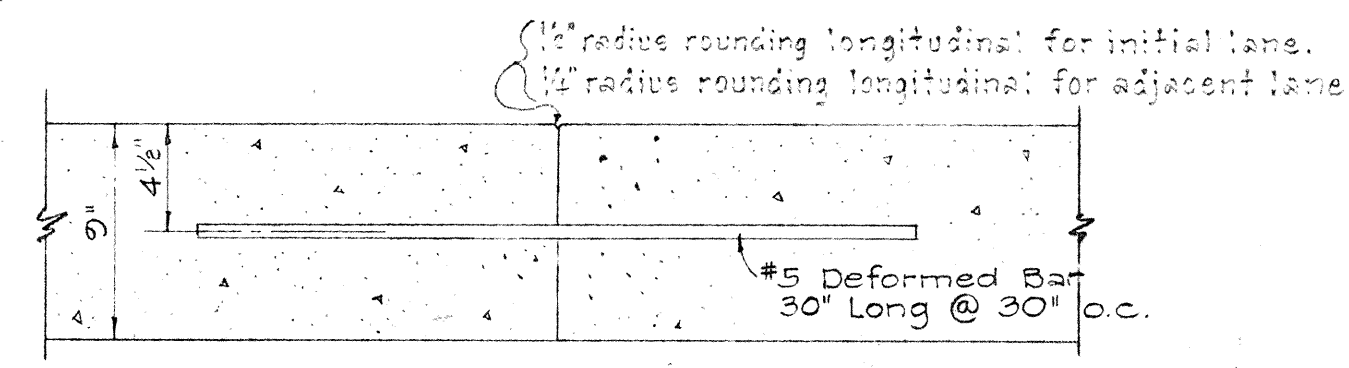
TRANSVERSE WEAKENED PLANE (CONTRACTION) JOINT
Scale: 1/2" = 1'-0"



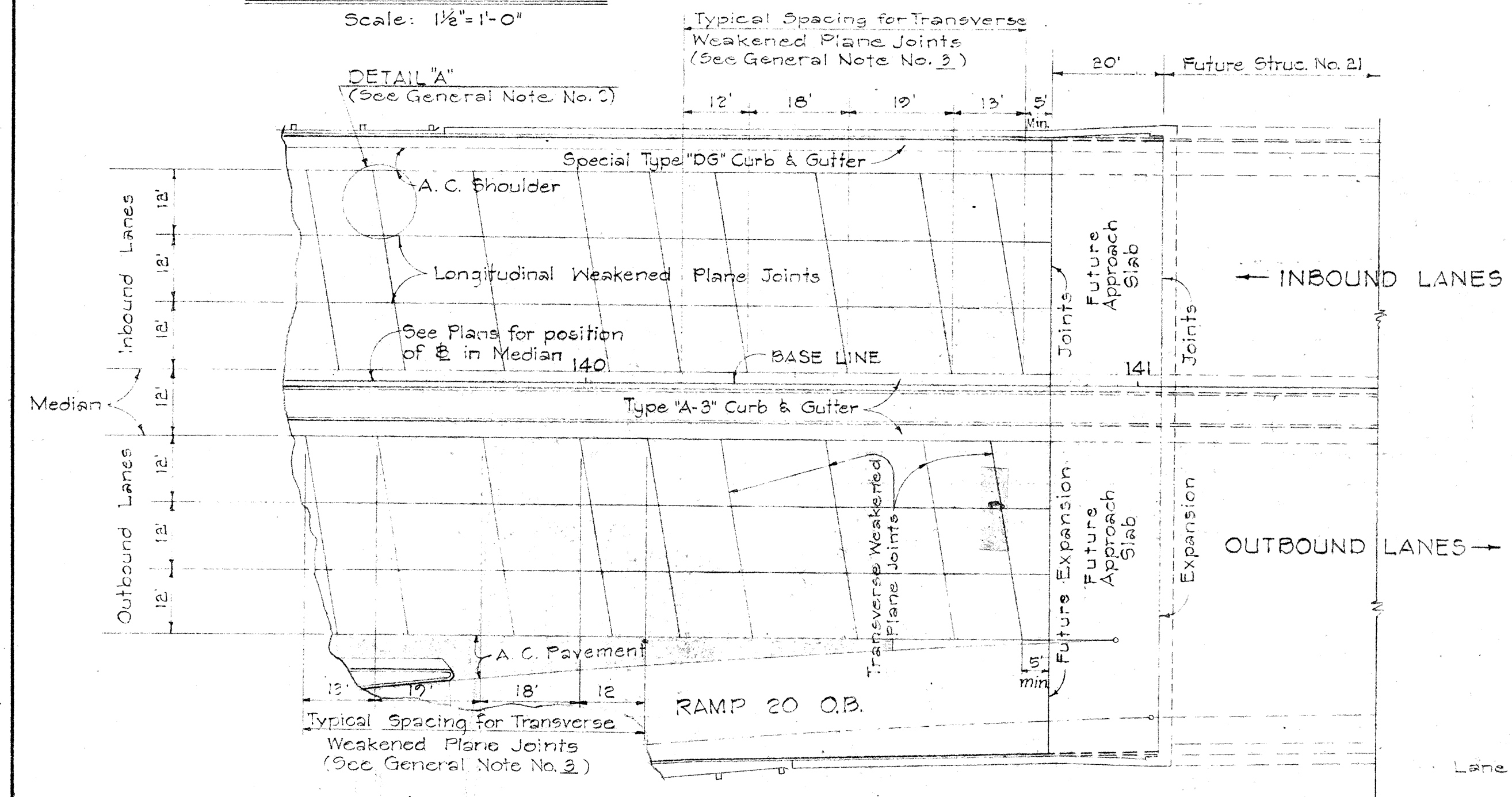
TRANSVERSE CONSTRUCTION (CONTACT) JOINTS
Scale: 1/2" = 1'-0"



PREFORMED FILLER JOINT



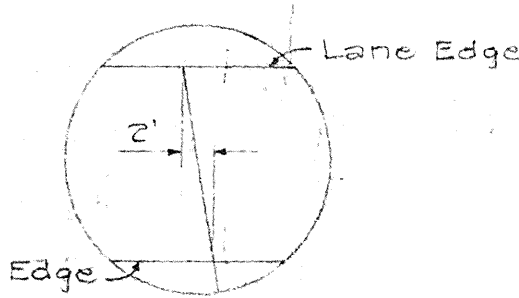
LONGITUDINAL CONSTRUCTION (CONTACT) JOINT
Scale: 1/2" = 1'-0"



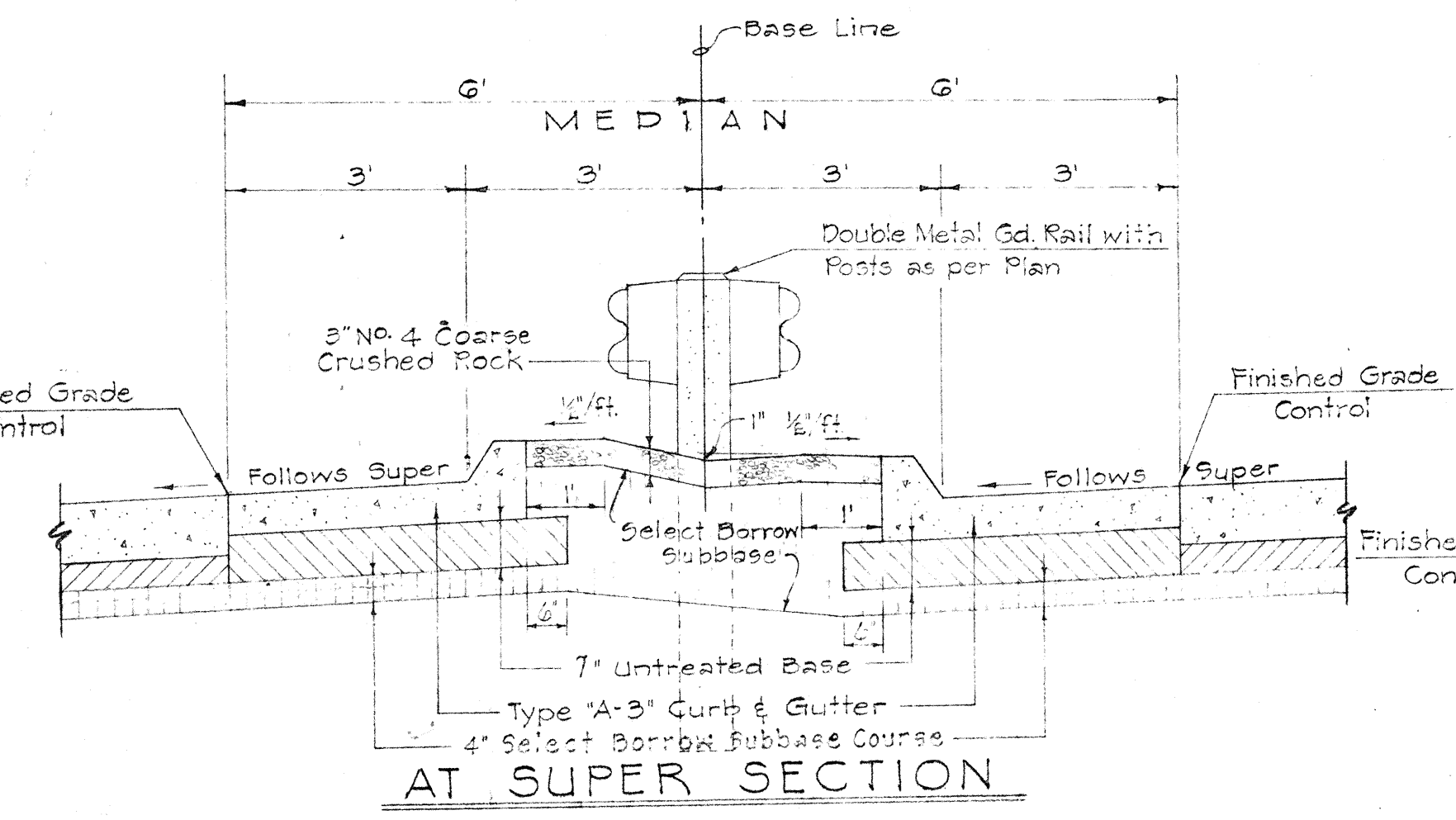
TYPICAL JOINT LOCATION AND LAYOUT PLAN FOR P.C.C. PAVEMENT
Scale: 1" = 20'

GENERAL NOTES - P.C.C. JOINTS

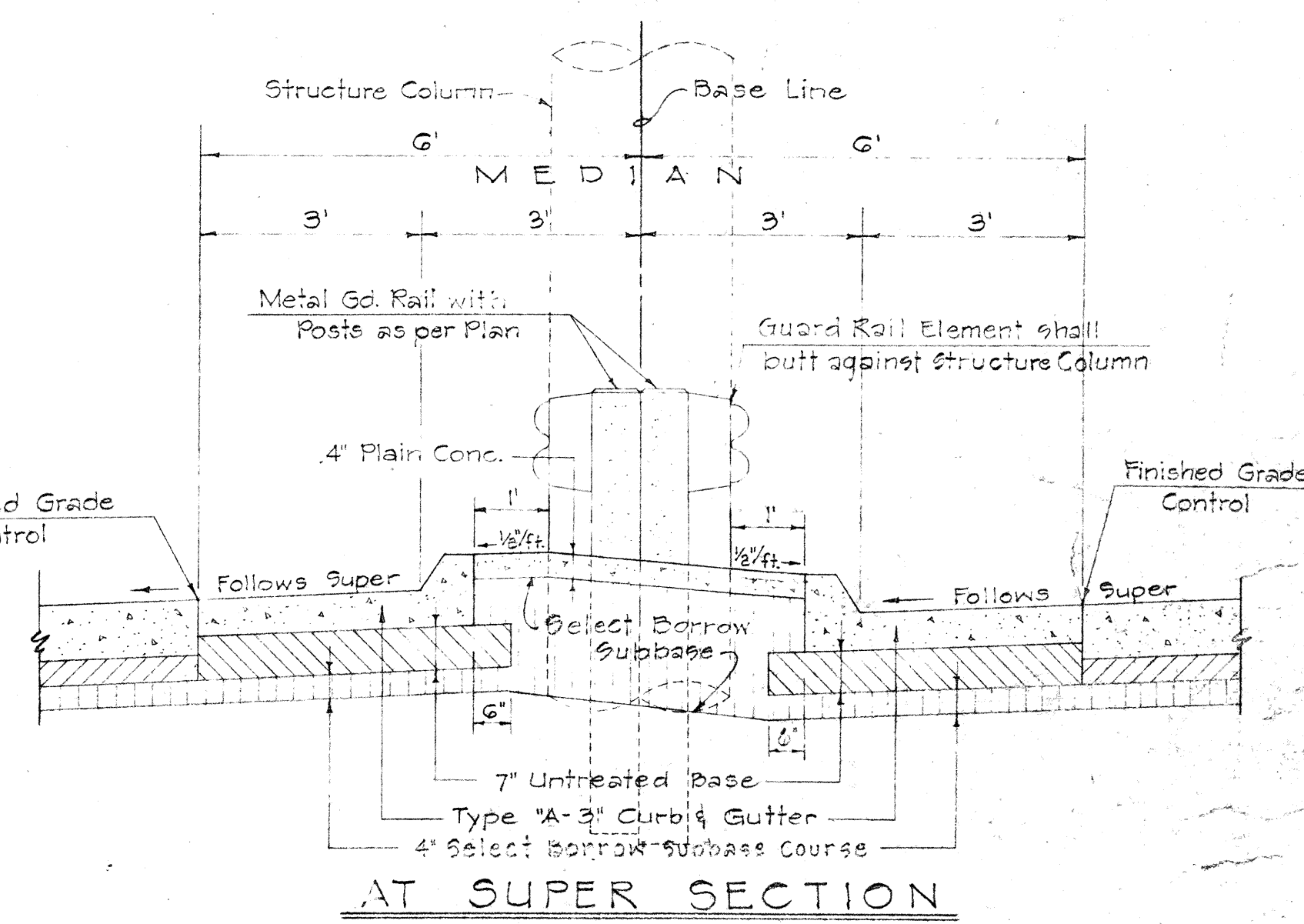
1. The longitudinal weakened plane joint detail shall be applicable at the intermediate traffic lane edge when 2 or more lanes are paved in one continuous pour. The straight tie bars shall be placed mechanically to the depth shown on the detail. All other longitudinal joints shall be constructed in accordance with the contact joint detail shown on this plan.
2. Transverse weakened plane joints shall be sawed diagonally as shown, unless otherwise directed by the Engineer. Where the plans call for only one lane of new concrete pavement, joints shall be sawed either diagonally or normal as directed by the Engineer. Transverse weakened plane joints shall be skewed counterclockwise at an offset of 2' for every 12' of lane width.
3. Transverse weakened plane joints shall be spaced at successive intervals of 13', 19', 18' and 12' in the direction of traffic. Repeat for the remaining joints.
4. Transverse contact joints shall be located at a minimum distance of 5' from the nearest planned transverse weakened plane joint.



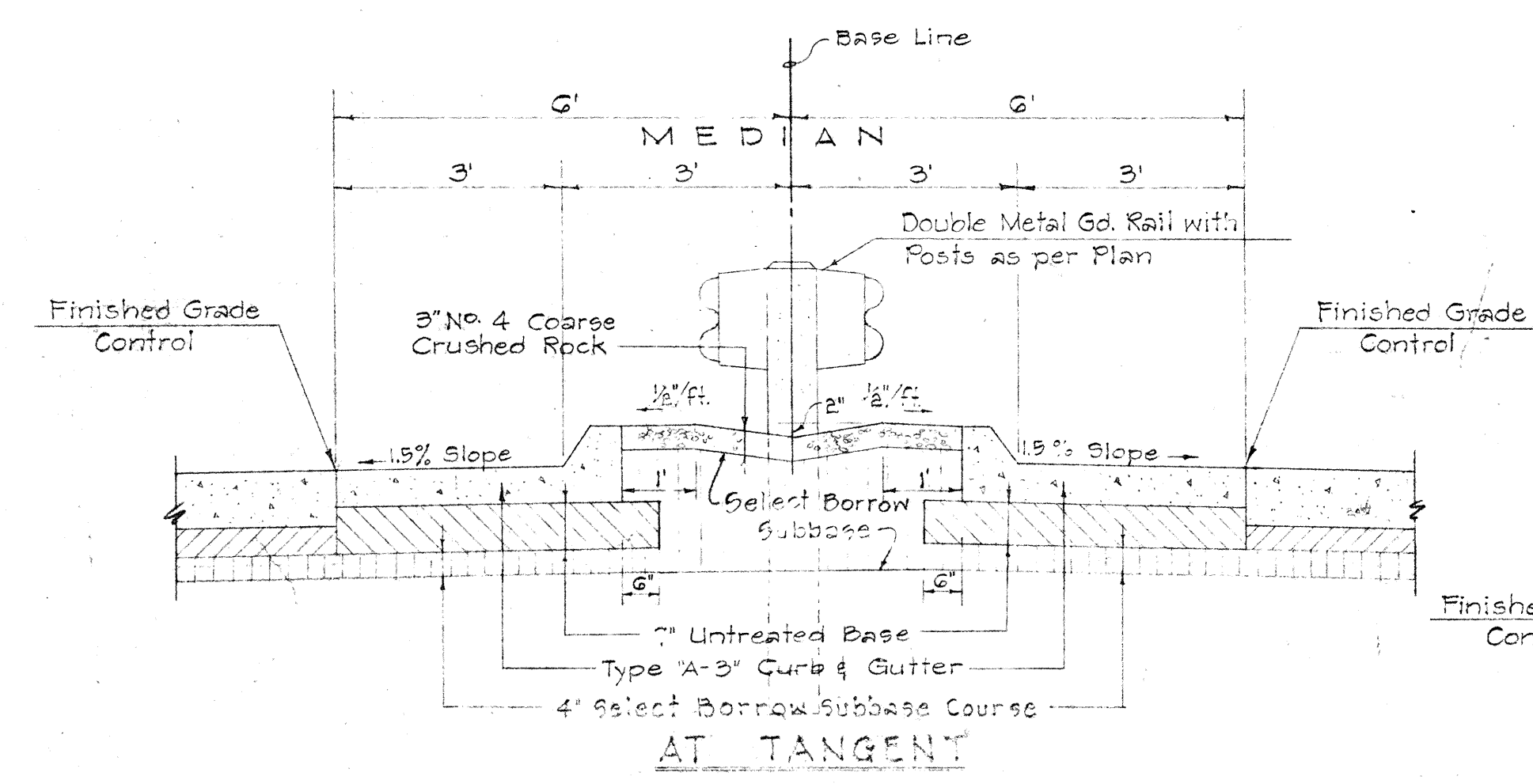
DETAIL "A"
Scale: 1/2" = 1'-0"



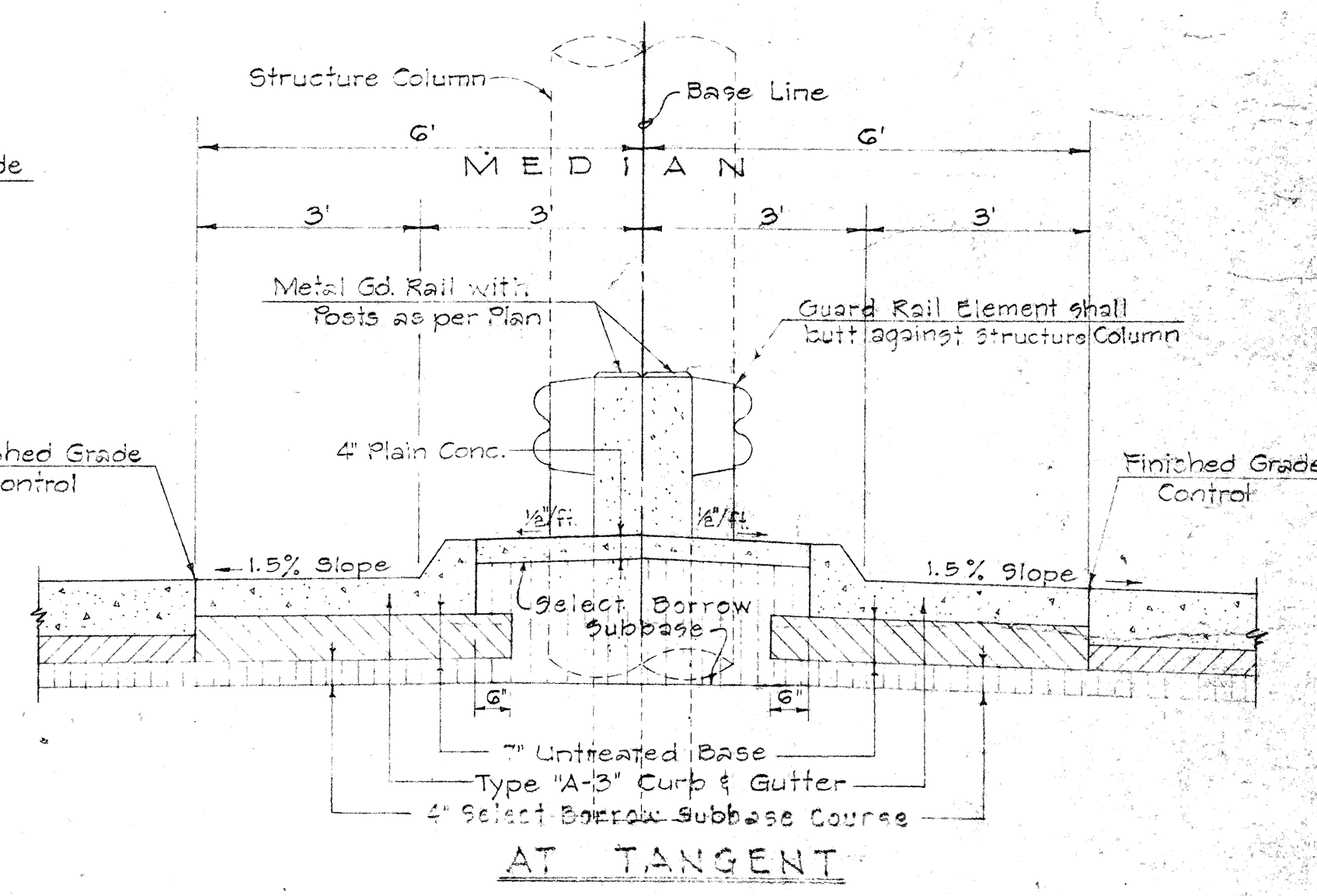
AT SUPER SECTION



AT SUPER SECTION



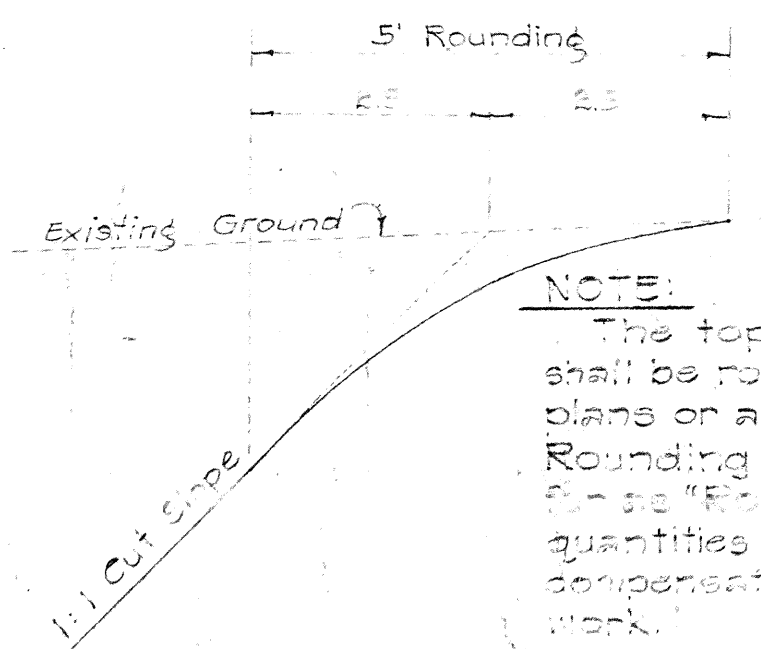
AT TANGENT MEDIAN DETAILS
Scale: 1/2" = 1'-0"



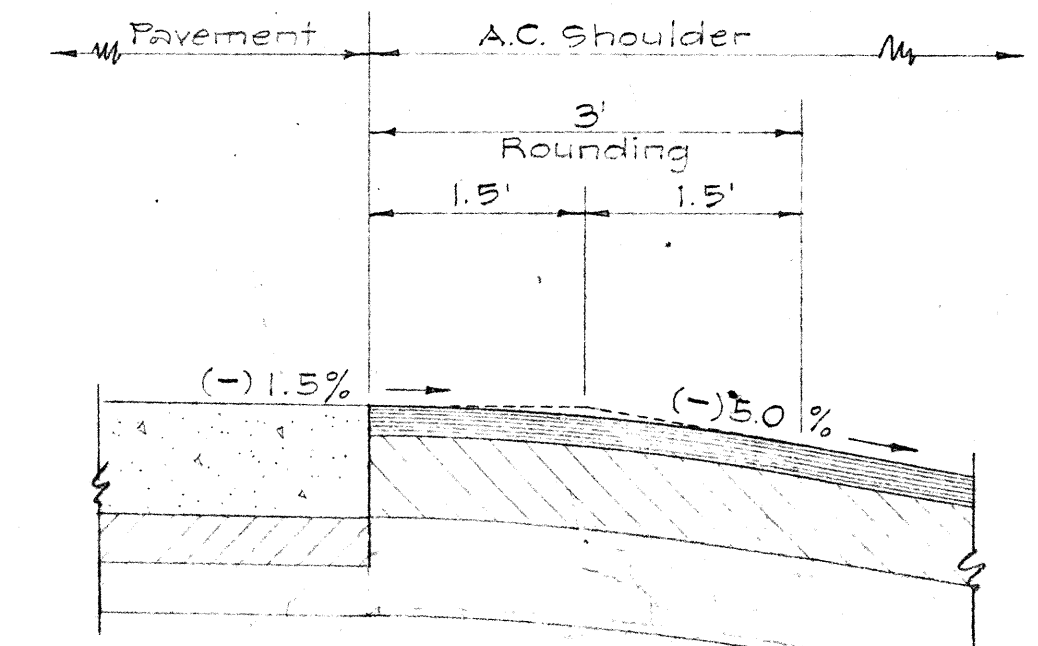
MEDIAN DETAILS UNDER STRUCTURES
Scale: 1/2" = 1'-0"

NOTE:

1. See plans for position of Base Line in Median from Sta. 132+71.62 to Sta. 141+03.38.
2. Double Metal Guard Rail with Posts shall be installed continuous in median except at structures where single guard rail shall straddle structure columns.



TYPICAL CUT SLOPE ROUNDING DETAIL
Scale: 1/2" = 1'-0"



A.C. PAVEMENT SHOULDER ROUNDING DETAIL FOR TANGENT SECTIONS ONLY
Not To Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE HIGHWAY (LUNALILO FWY)
F. A. I. PROJ. NO. I-HI-1(6) UNIT 2

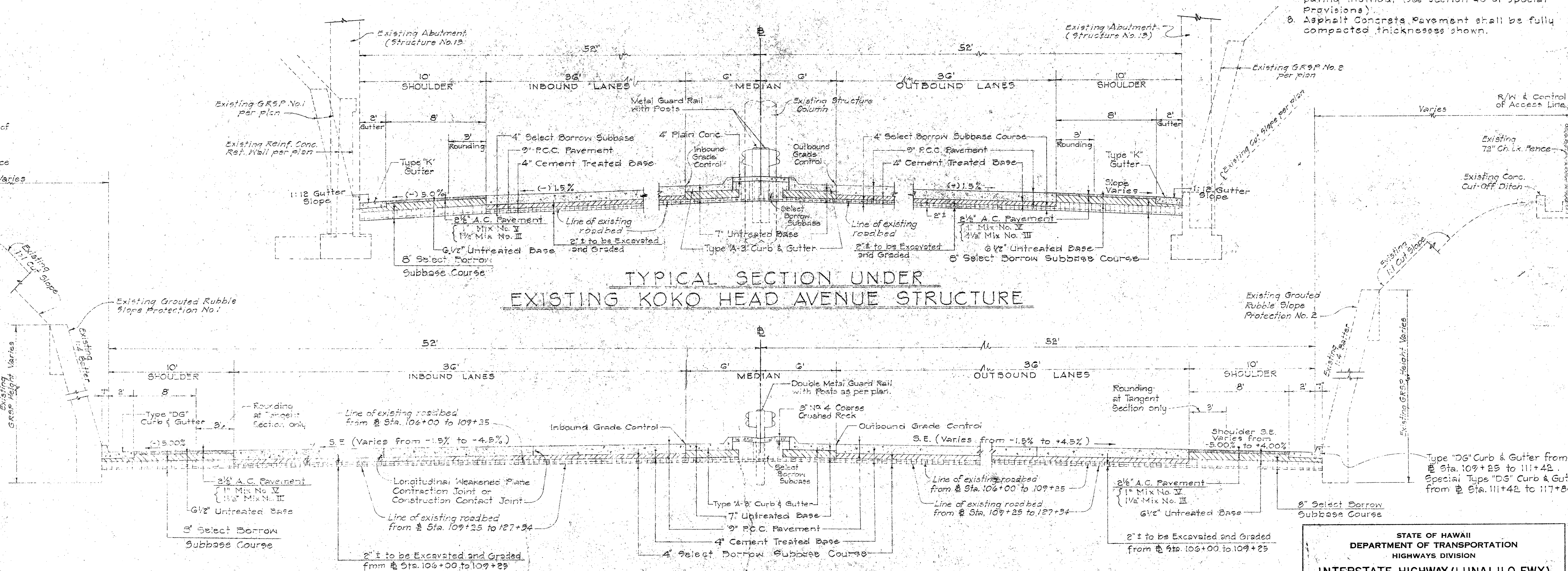
TYPICAL SECTIONS

Scale: As Noted Date: Aug. 1965

SHEET No. 1 OF 13 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

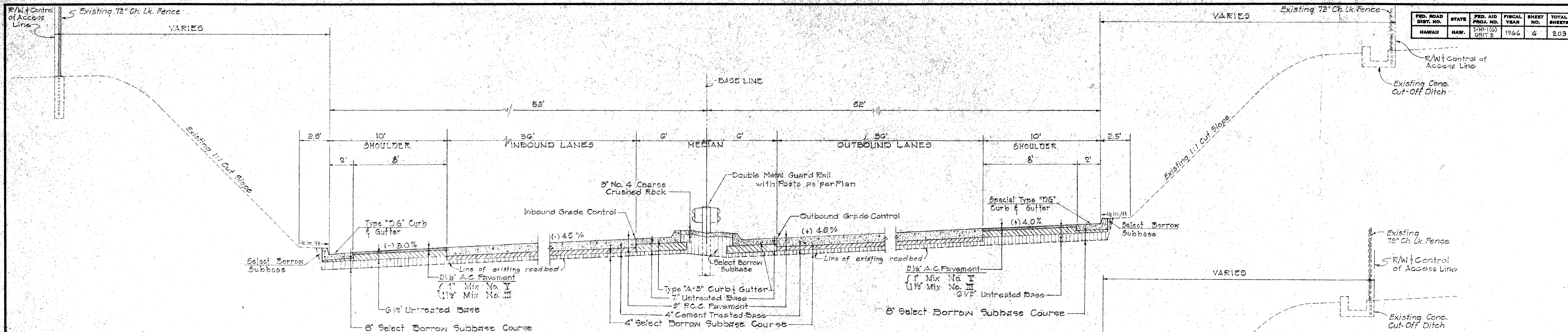
ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____ DRAWN BY _____ TRACED BY _____ DESIGNED BY _____ QUANTITIES BY _____ CHECKED BY _____
NOTE BOOK	
No. _____	



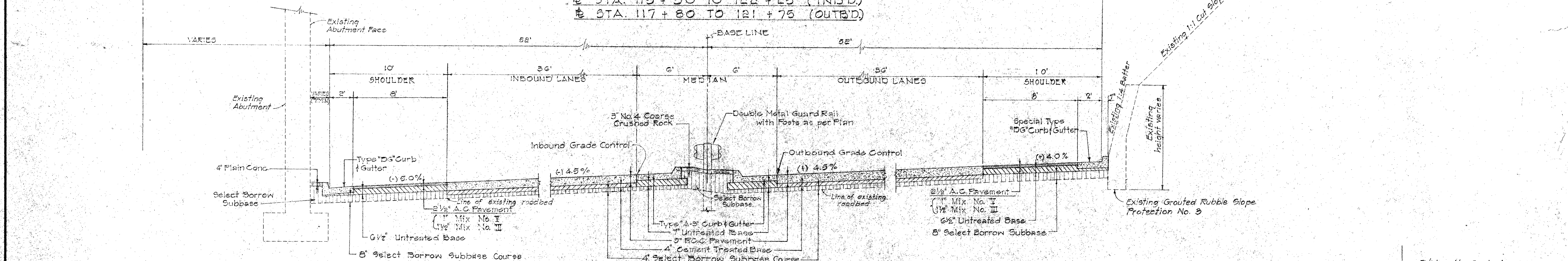
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
INTERSTATE HIGHWAY (LUNALILO FWY)
F. A. I. PROJ. NO. I-HI-1(6) UNIT 2
TYPICAL SECTIONS

PRINTED ON CLEARPRINT 1000-N

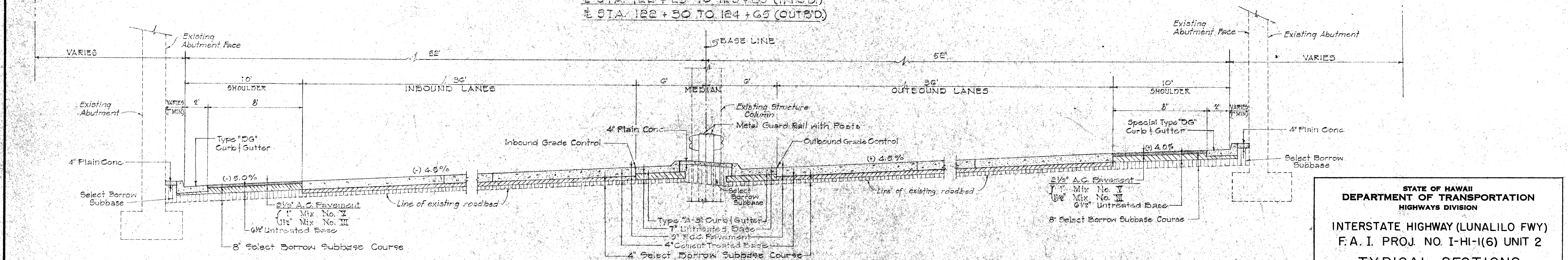
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	200(2) UNIT 2	1966	4	203



TYPICAL SECTION NO. 3
 STA. 115 + 50 TO 122 + 25 (INB'D)
 STA. 117 + 80 TO 121 + 75 (OUTB'D)



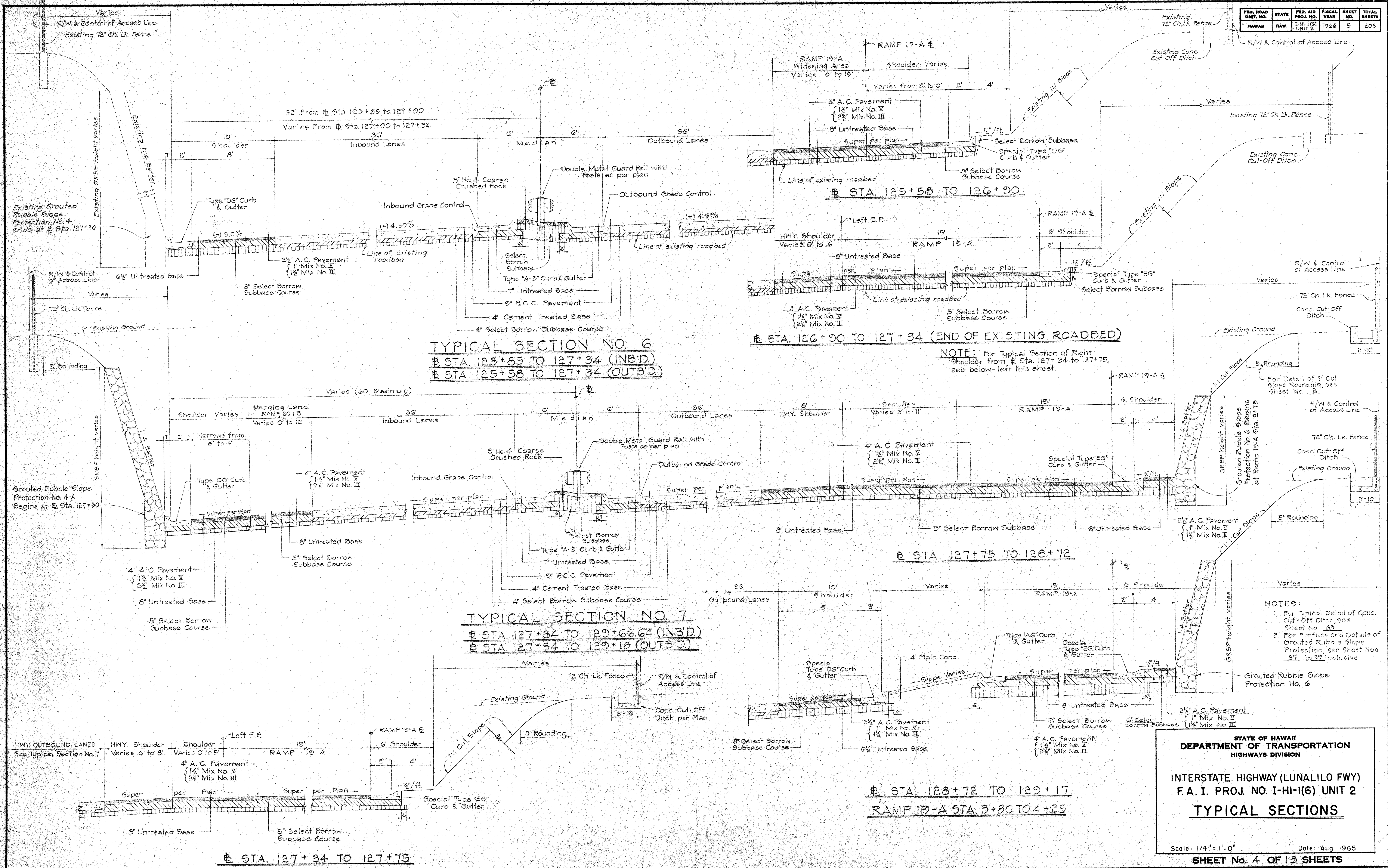
TYPICAL SECTION NO. 4
 STA. 123 + 25 TO 125 + 35 (INB'D)
 STA. 122 + 30 TO 124 + 65 (OUTB'D)

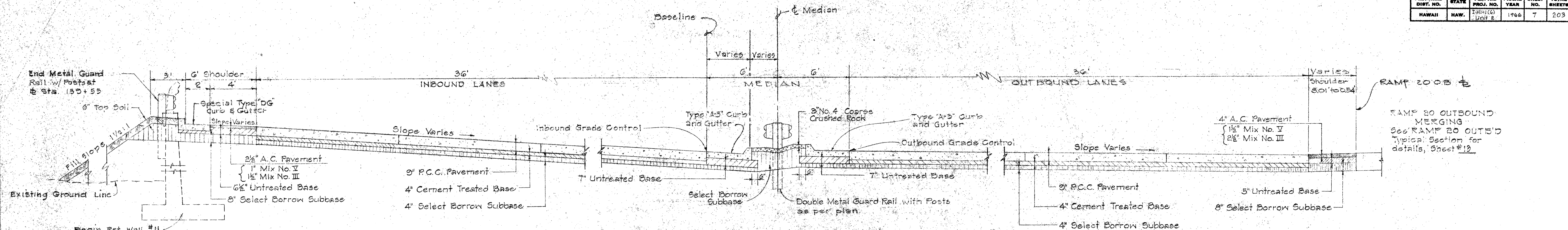


TYPICAL SECTION NO. 5
 UNDER EXISTING STRUCTURES *16 AND *17

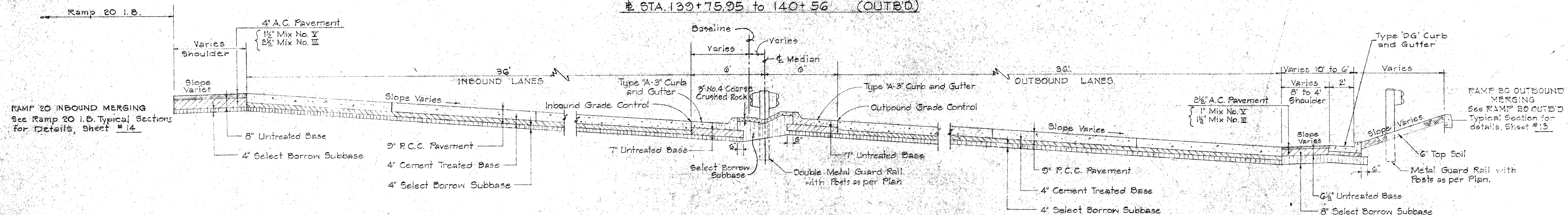
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 INTERSTATE HIGHWAY (LUNALILO FWY)
 F.A.I. PROJ. NO. I-HI-1(6) UNIT 2
 TYPICAL SECTIONS

Scale: 1/4" = 1'-0"
 Date: Aug. 1965
 SHEET No. 3 OF 13 SHEETS



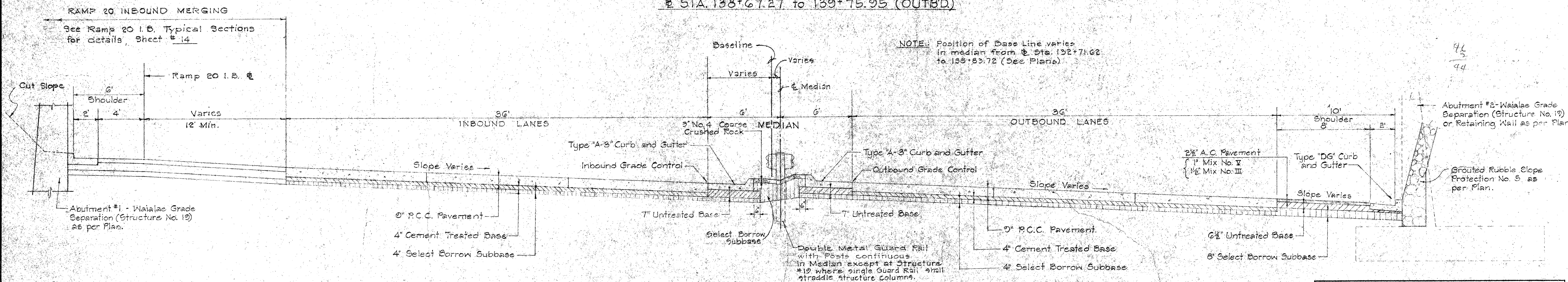


TYPICAL SECTION NO. 12
 ± STA. 136+26.94 to 140+56 (INB'D)
 ± STA. 139+75.95 to 140+56 (OUTB'D)

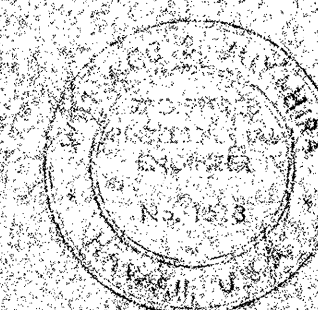


TYPICAL SECTION NO. 11
 ± STA. 134+63.92 to 139+75.95 (INB'D)
 ± STA. 138+67.27 to 139+75.95 (OUTB'D)

NOTE: Position of Base Line varies in median from ± Sta. 132+71.62 to 138+83.72 (See Plans)



TYPICAL SECTION NO. 10
 ± STA. 132+71.62 to 134+63.92 (INB'D)
 ± STA. 132+71.62 to 138+67.27 (OUTB'D)



This work was prepared by me or under my supervision.
 Wallace A. McPherson

WILSON, OKAMOTO, OKA, INC.
 PARK ASSOCIATES, INC.
 ARCHITECTS & ENGINEERS

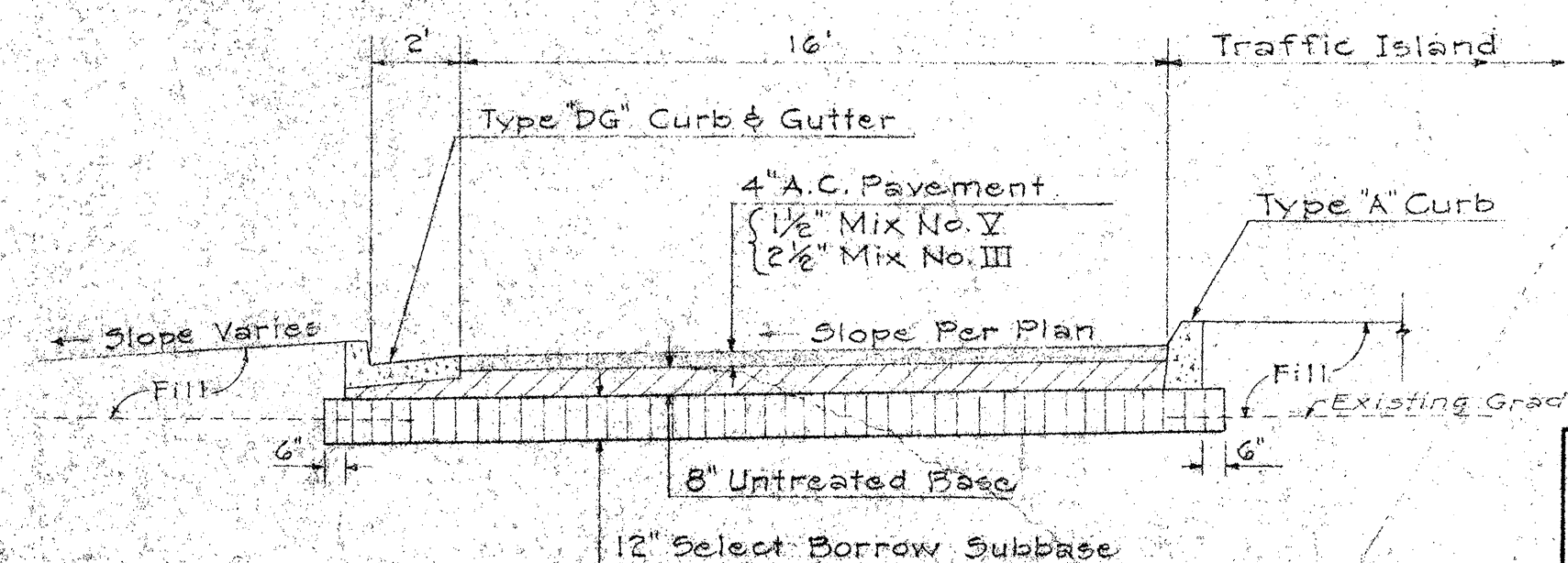
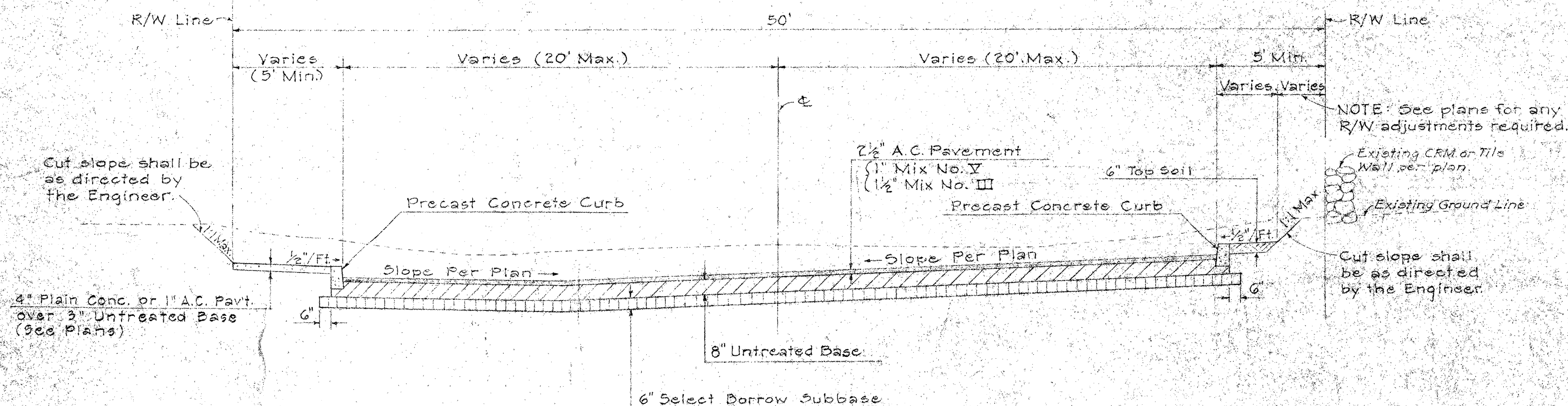
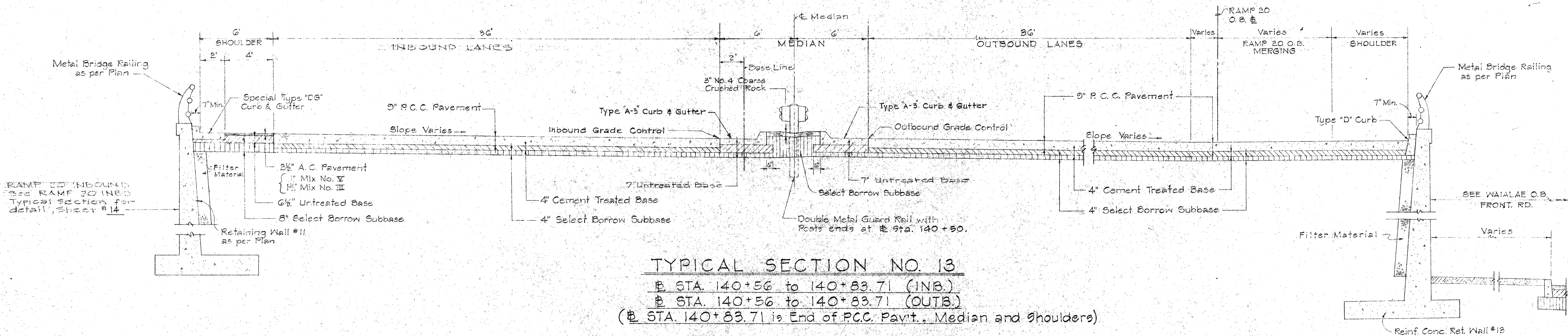
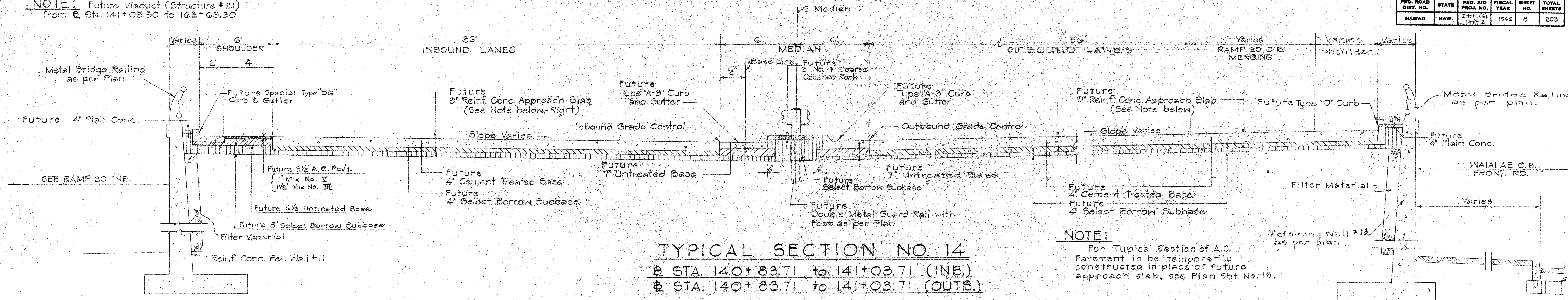
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 INTERSTATE HIGHWAY (LUNALILO FWY)
 F.A.I. PROJ. NO. I-HI-(16) UNIT 2
TYPICAL SECTIONS

Scale: 1/4" = 1'-0"
 Date: Aug. 1965
SHEET No. 6 OF 13 SHEETS

DATE	1965
SURVEY PLOTTED BY	WILSON, OKAMOTO, OKA, INC.
DRAWN BY	PARK ASSOCIATES, INC.
CHECKED BY	WILSON, OKAMOTO, OKA, INC.
NOTED BY	
NO.	

NOTE: Future Viaduct (Structure #21)
from Sta. 141+05.50 to 142+63.30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-1-1(6) Unit 2	1965	8	203



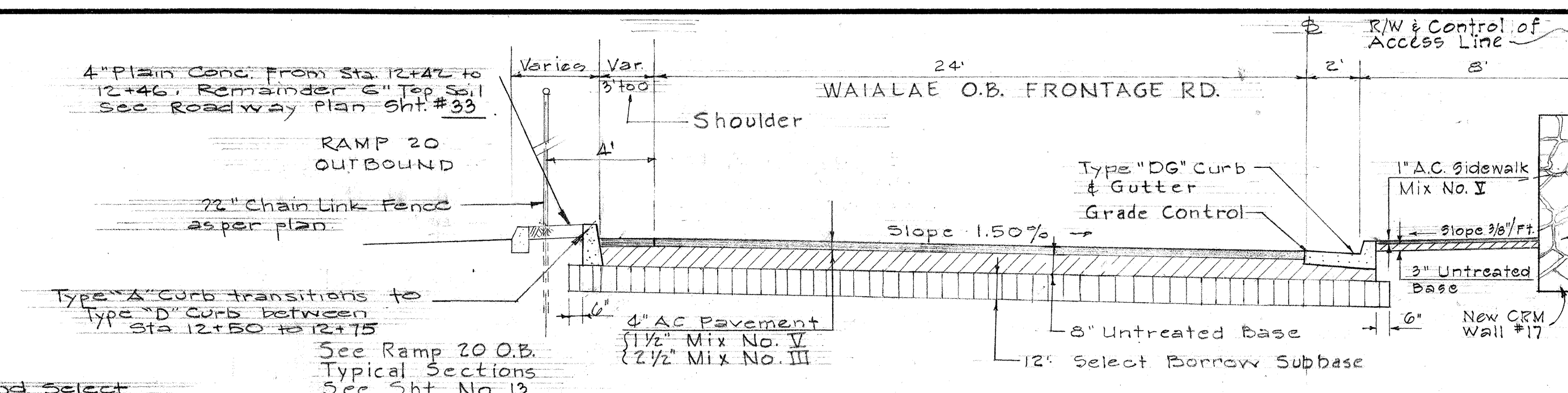
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 INTERSTATE HIGHWAY (LUNALILO FWY)
 F.A.I. PROJ. NO. 1-HI-1(6) UNIT 2
TYPICAL SECTIONS

WILSON, OKAMOTO, OKA, INC.
 PARK ASSOCIATES, INC.
 ARCHITECTS & ENGINEERS

Scale: 1/4" = 1'-0" Date: Aug. 1965
SHEET No. 7 OF 13 SHEETS

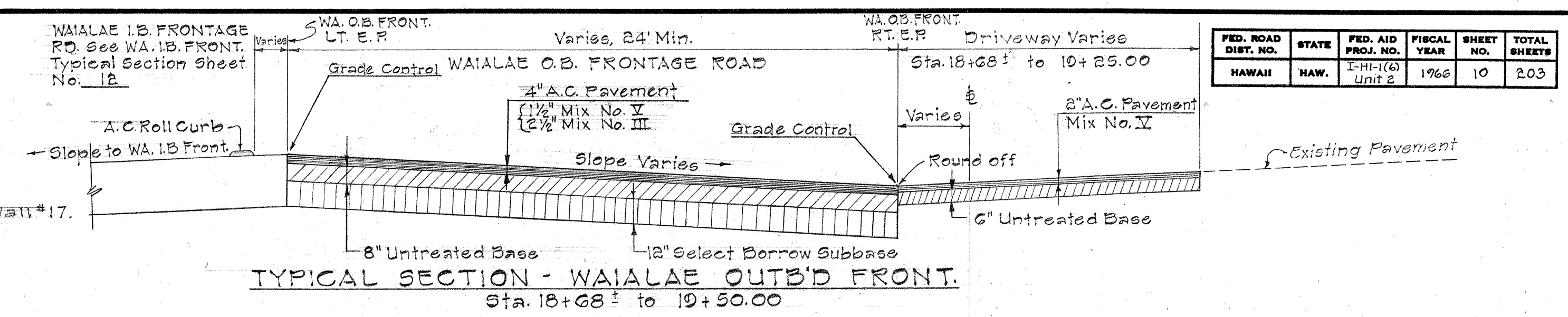
DESIGNED BY
 DRAWN BY
 CHECKED BY
 DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	Unit 2	1965	10	203

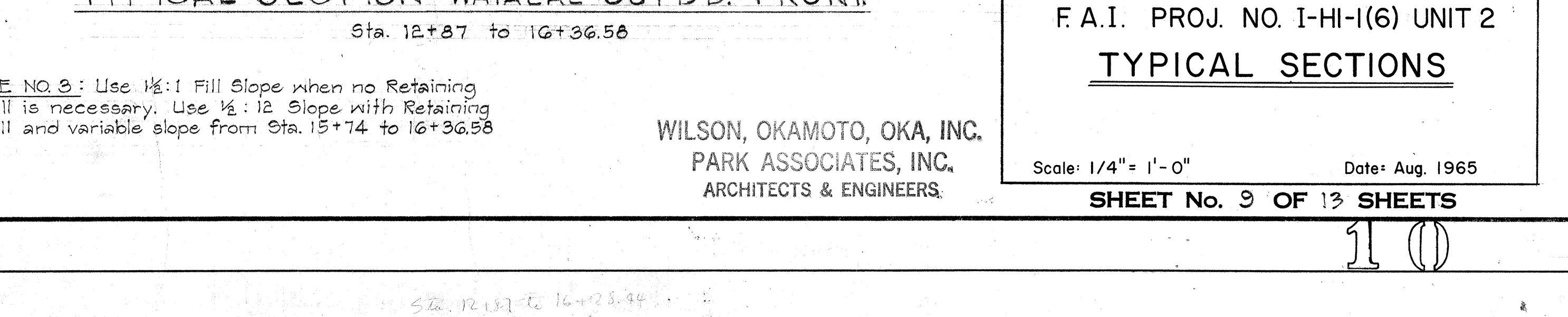
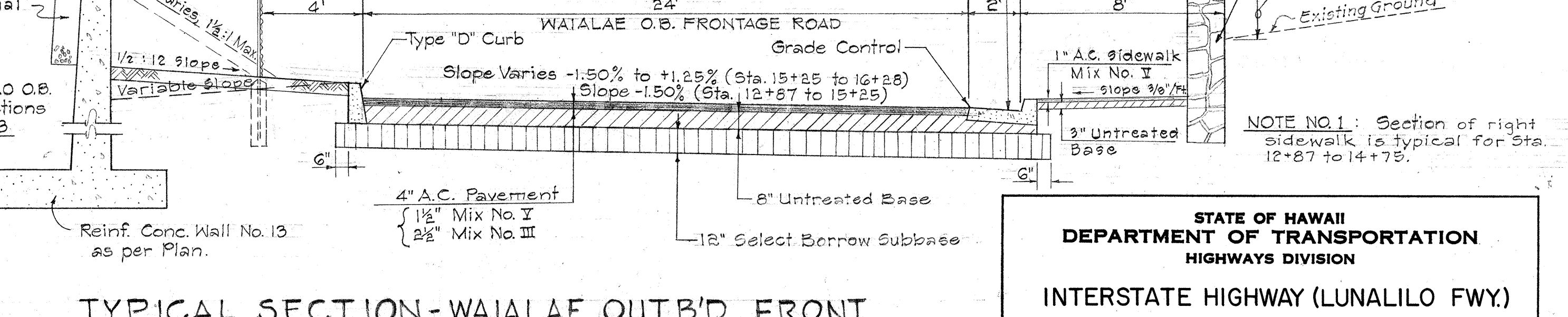
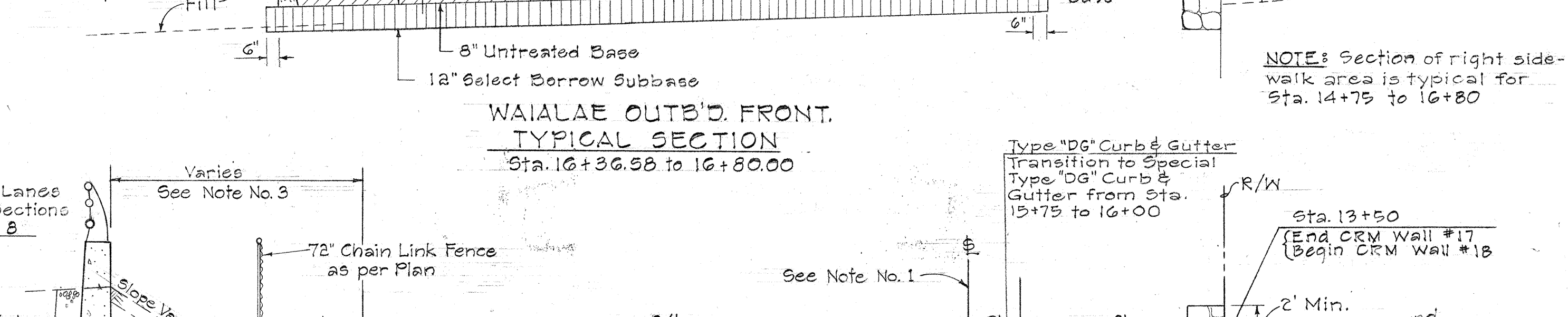
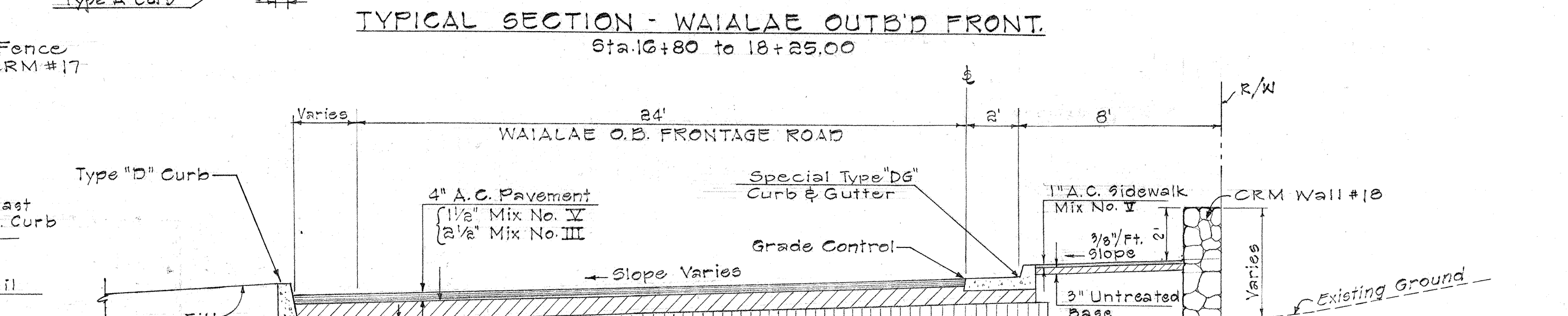
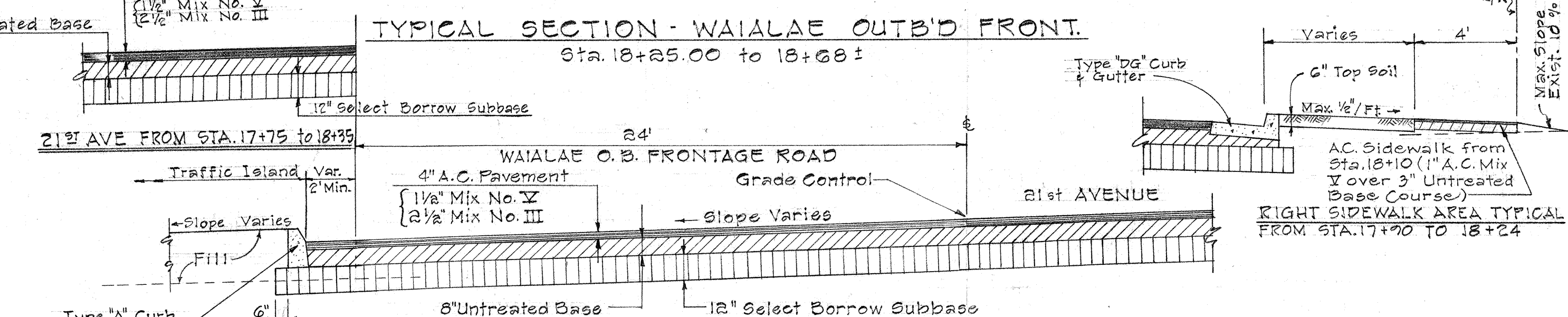
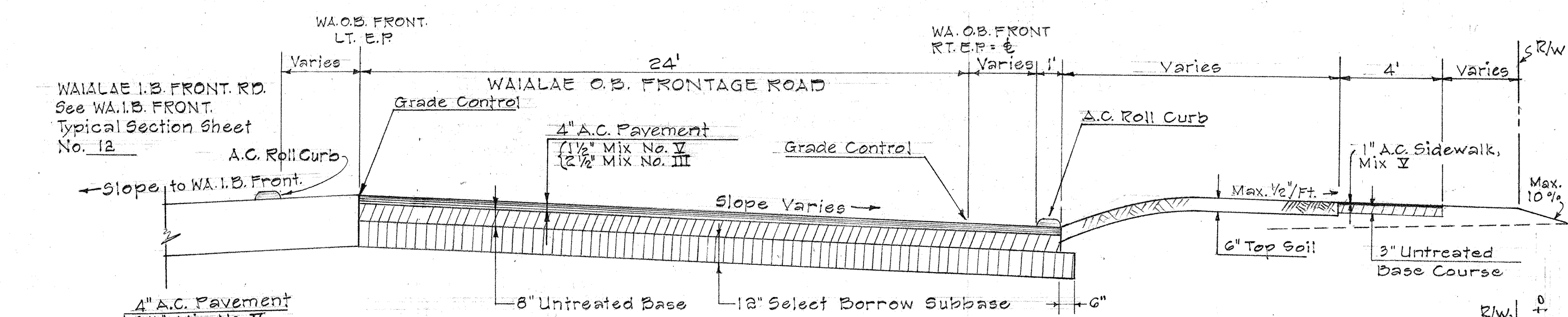


NOTE: Extend Select Borrow Where width between roadways is less than 5'

See Ramp 20 O.B. Typical Sections Sht. No. 12



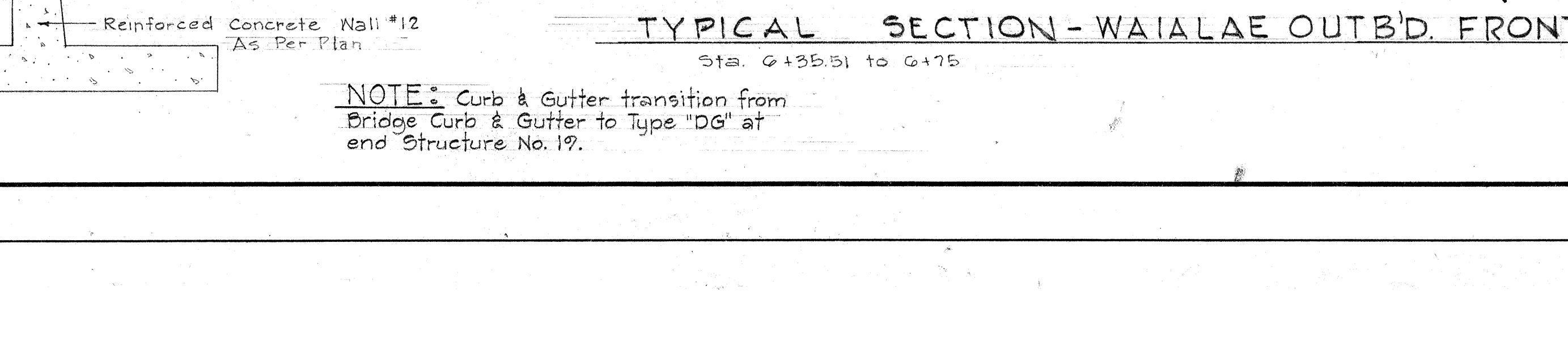
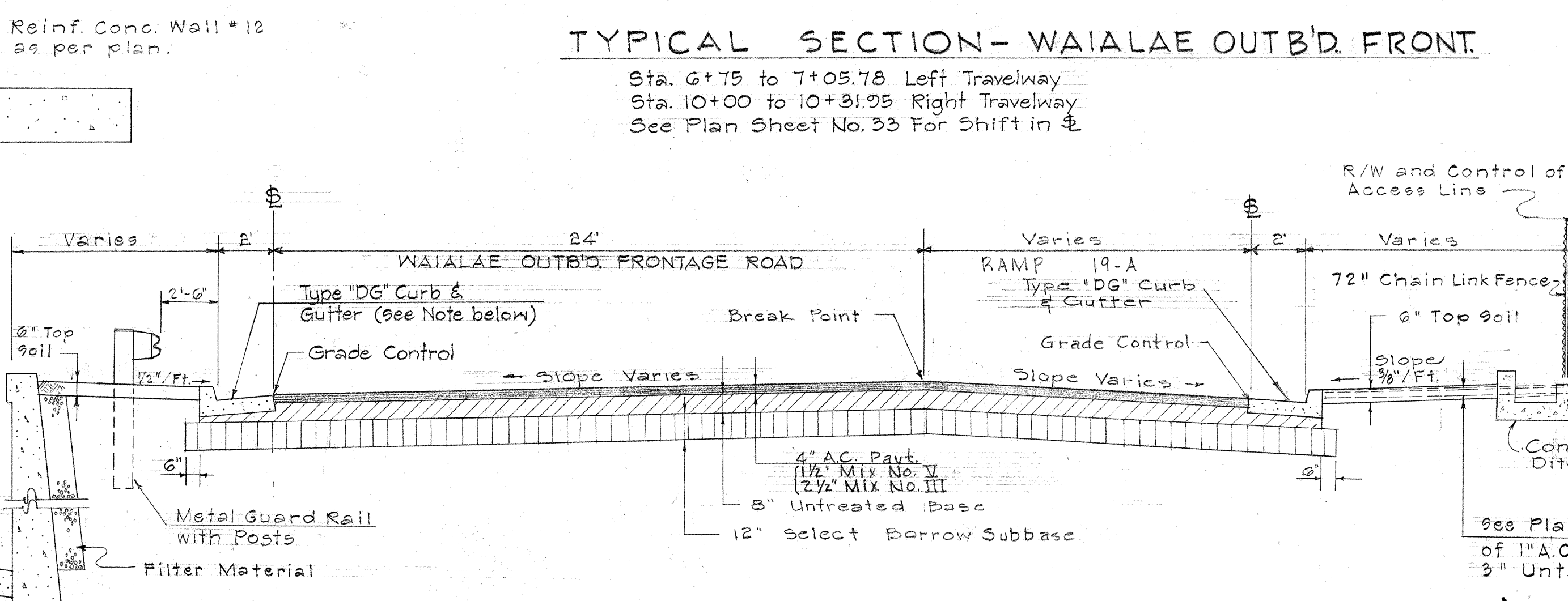
See Ramp 20 O.B. Typical Sections Sht. No. 12



NOTE NO. 3: Use 1 1/2:1 Fill Slope when no Retaining Wall is necessary. Use 1 1/2:12 Slope with Retaining Wall and variable slope from Sta. 15+74 to 16+36.58

WILSON, OKAMOTO, OKA, INC.
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ARCHITECTS & ENGINEERS.

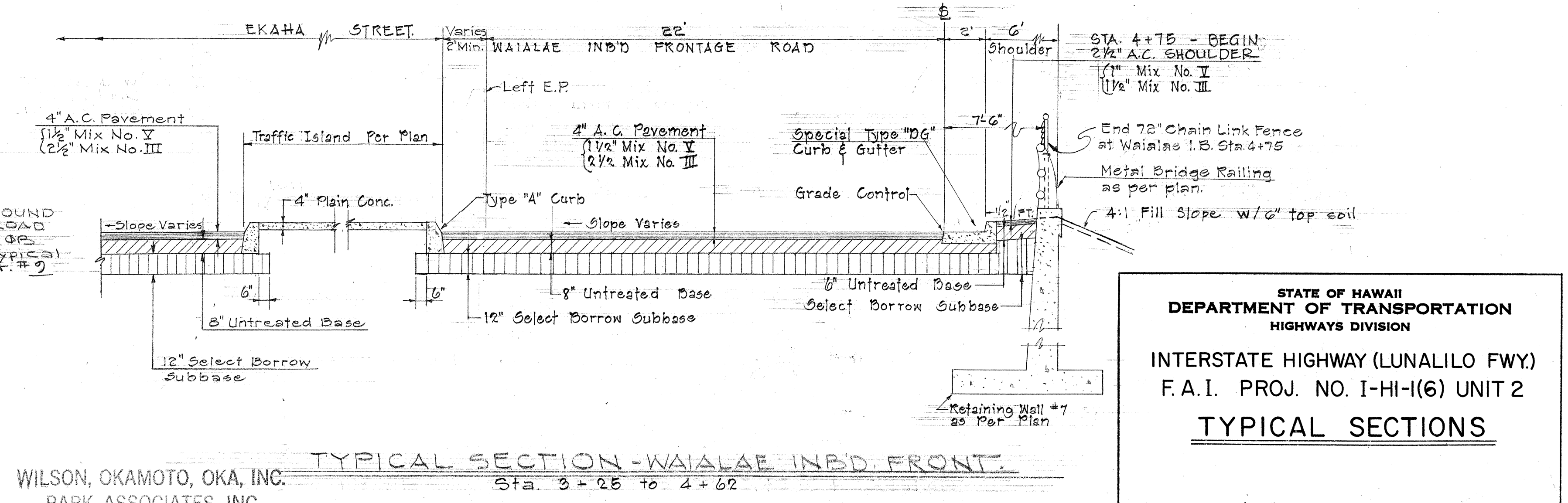
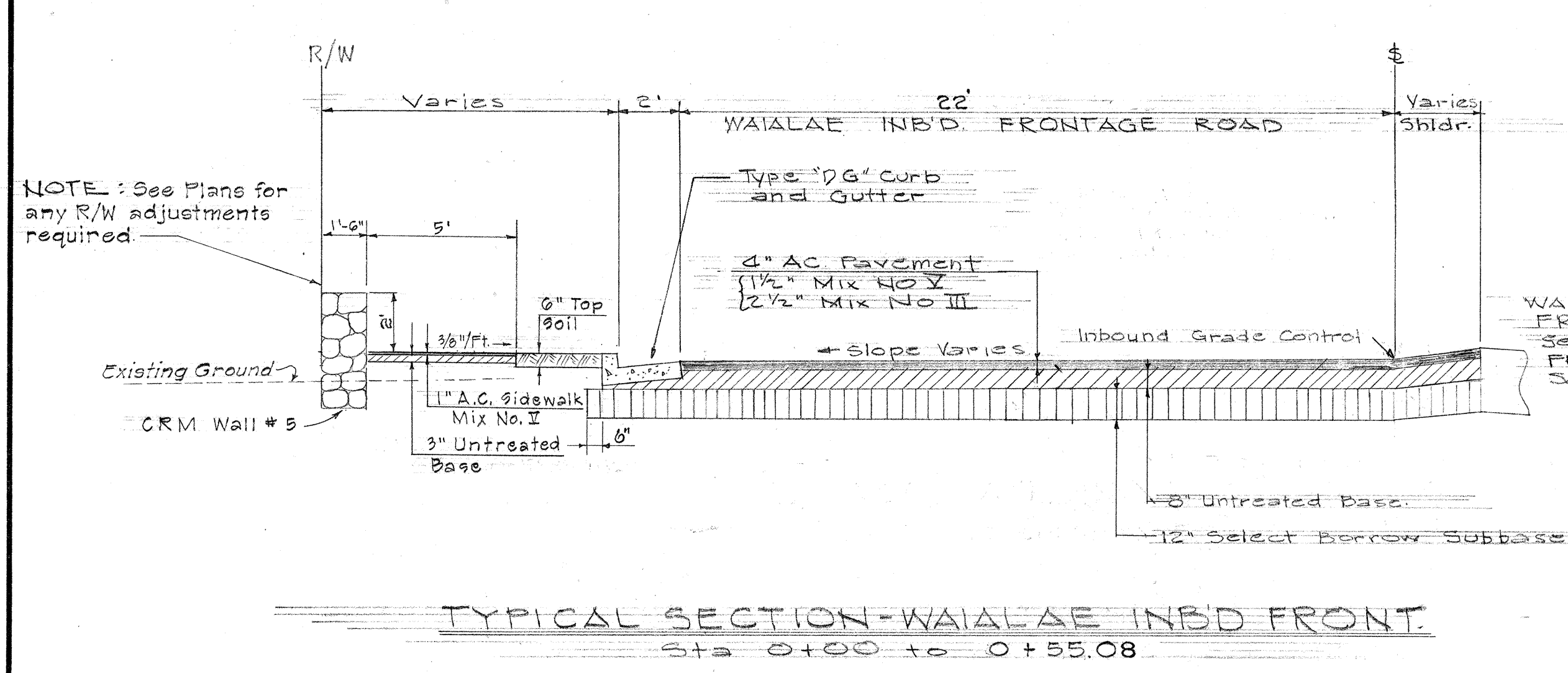
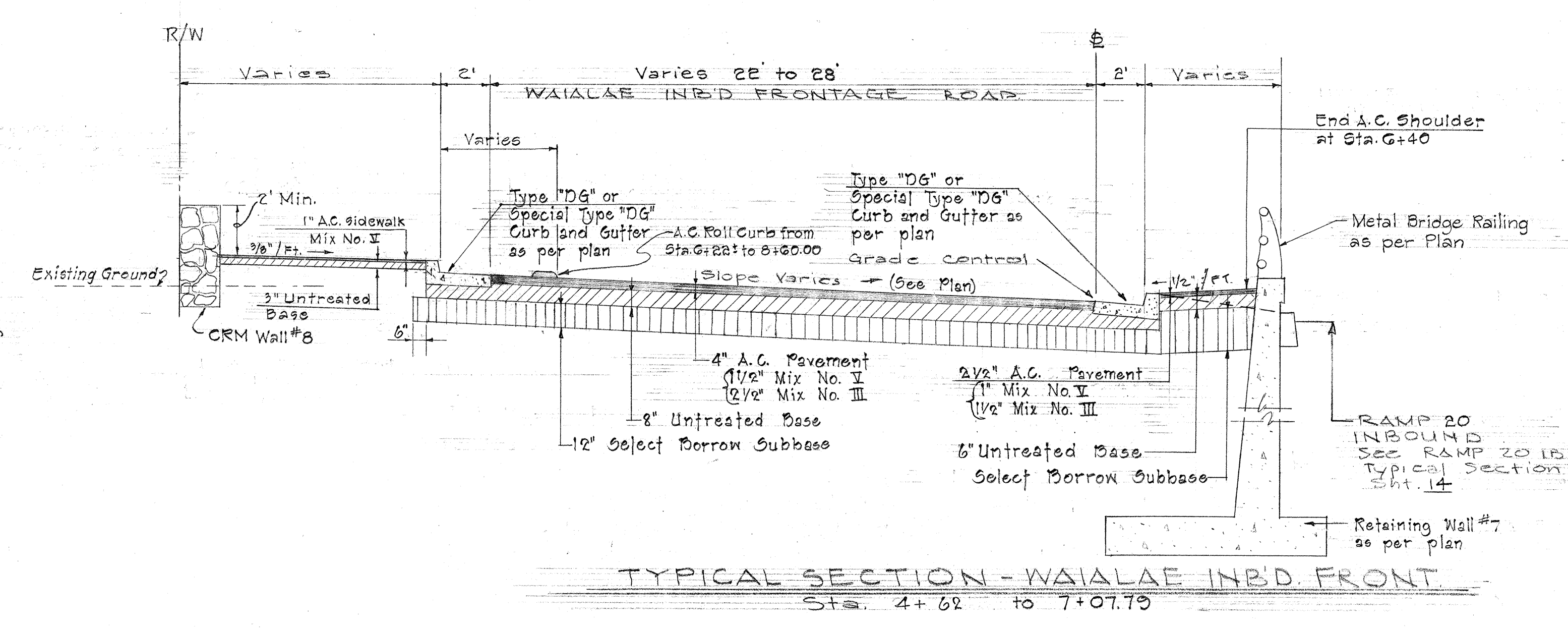
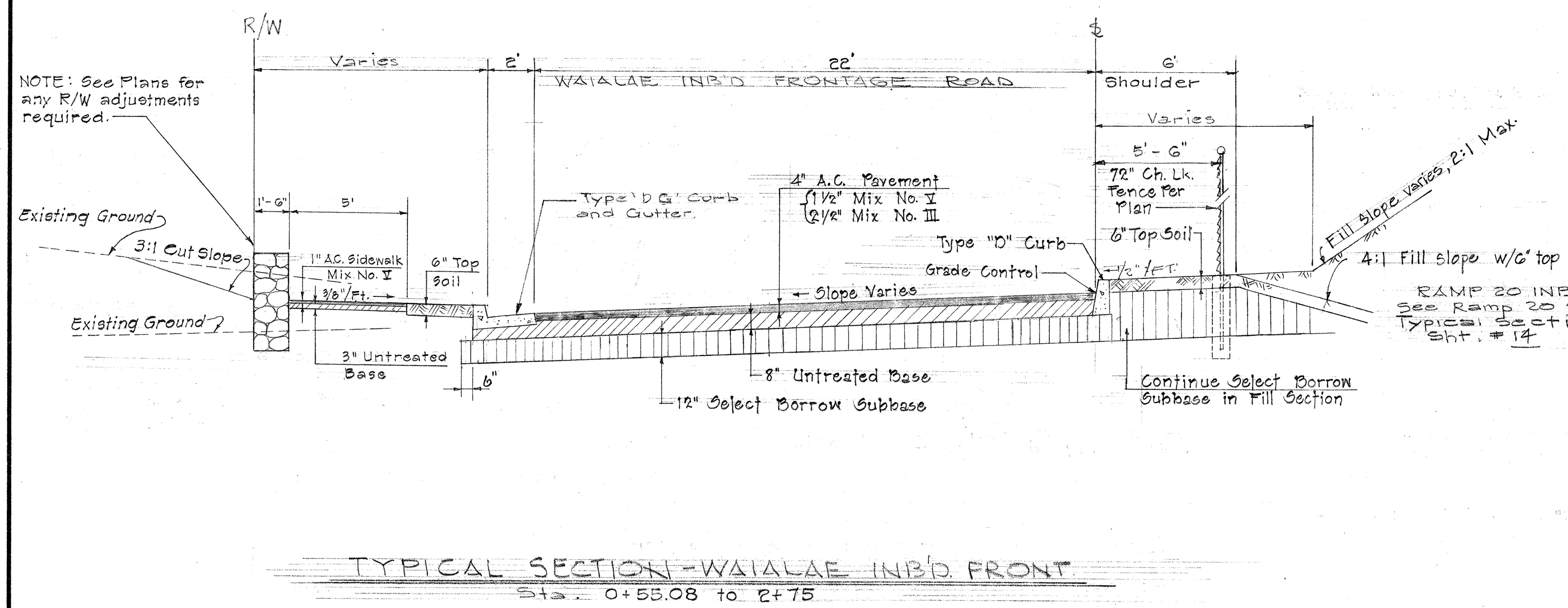
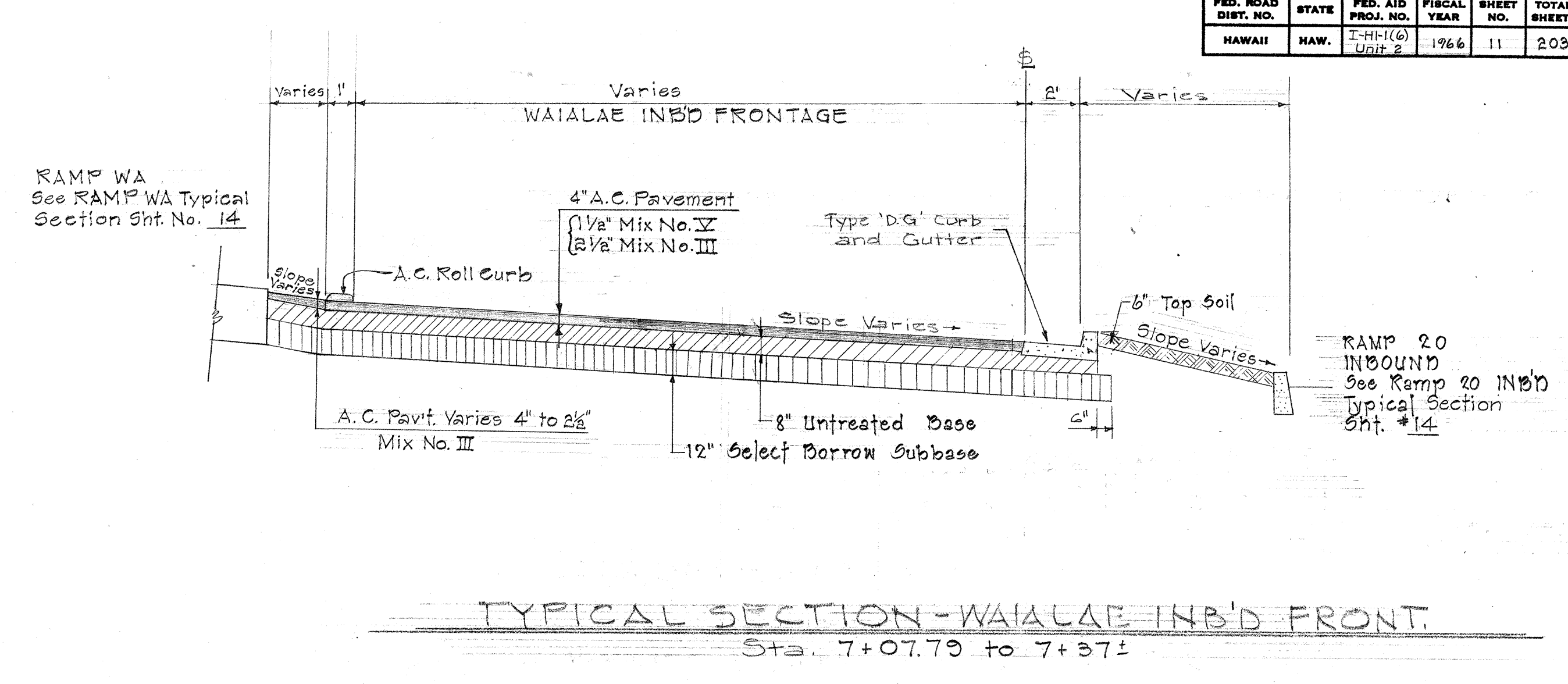
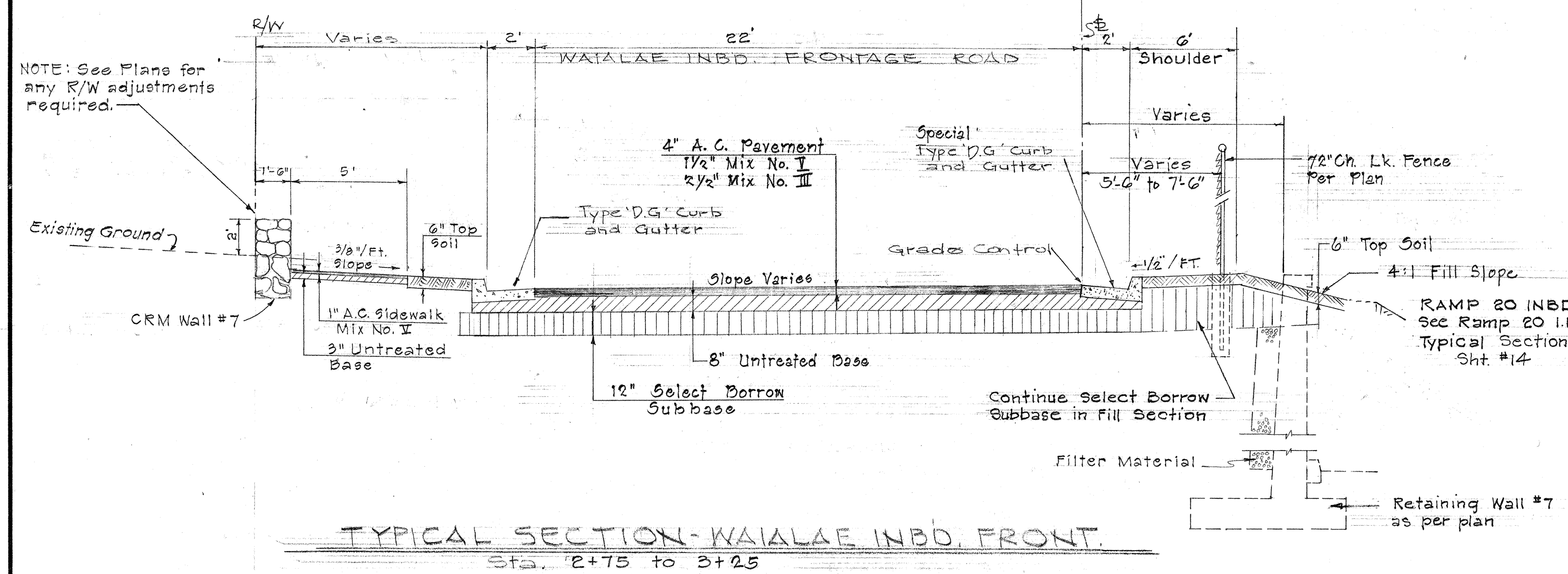
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
INTERSTATE HIGHWAY (LUNALILO FWY)
F.A.I. PROJ. NO. I-HI-1(6) UNIT 2
TYPICAL SECTIONS
Scale: 1/4" = 1'-0" Date: Aug. 1965
SHEET No. 9 OF 13 SHEETS



NOTE: Curb & Gutter transition from Bridge Curb & Gutter to Type "DG" at end Structure No. 19.

DATE	DESIGNED BY	CHECKED BY
PLAN	DESIGNED BY	CHECKED BY
NOTE BOOK	DESIGNED BY	CHECKED BY
No.	DESIGNED BY	CHECKED BY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	2-111(6) Unit 2	1966	11	203



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

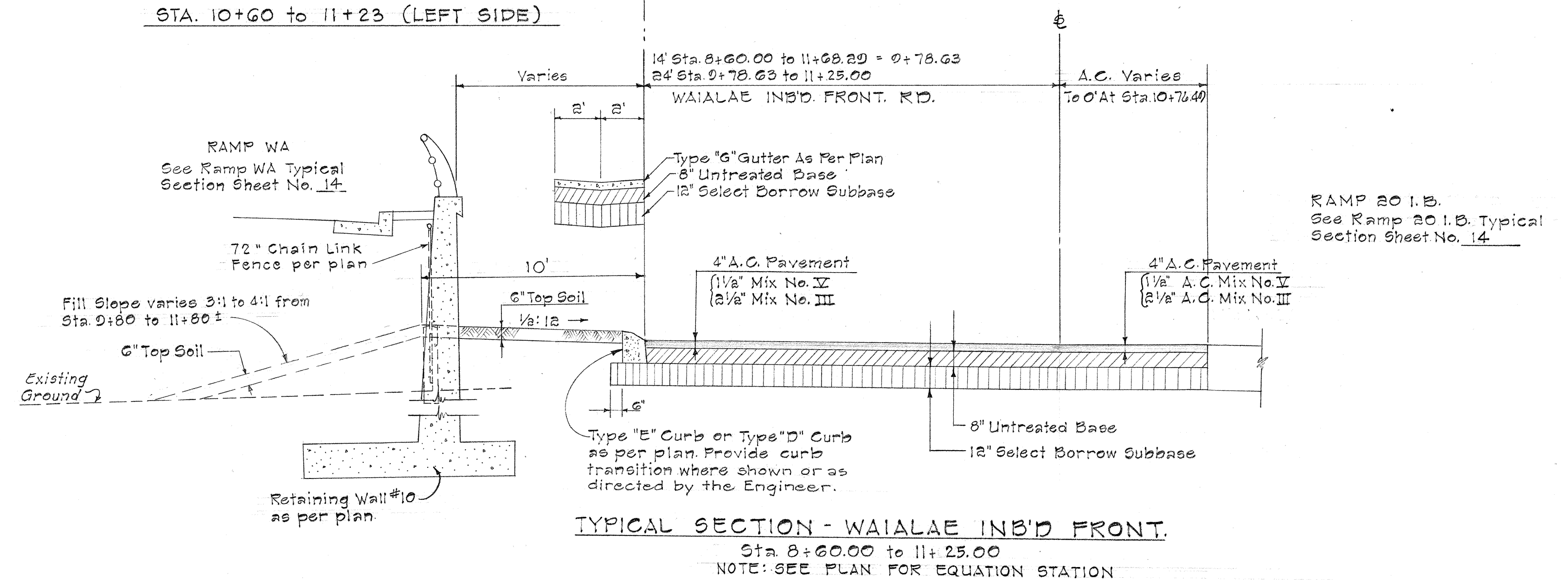
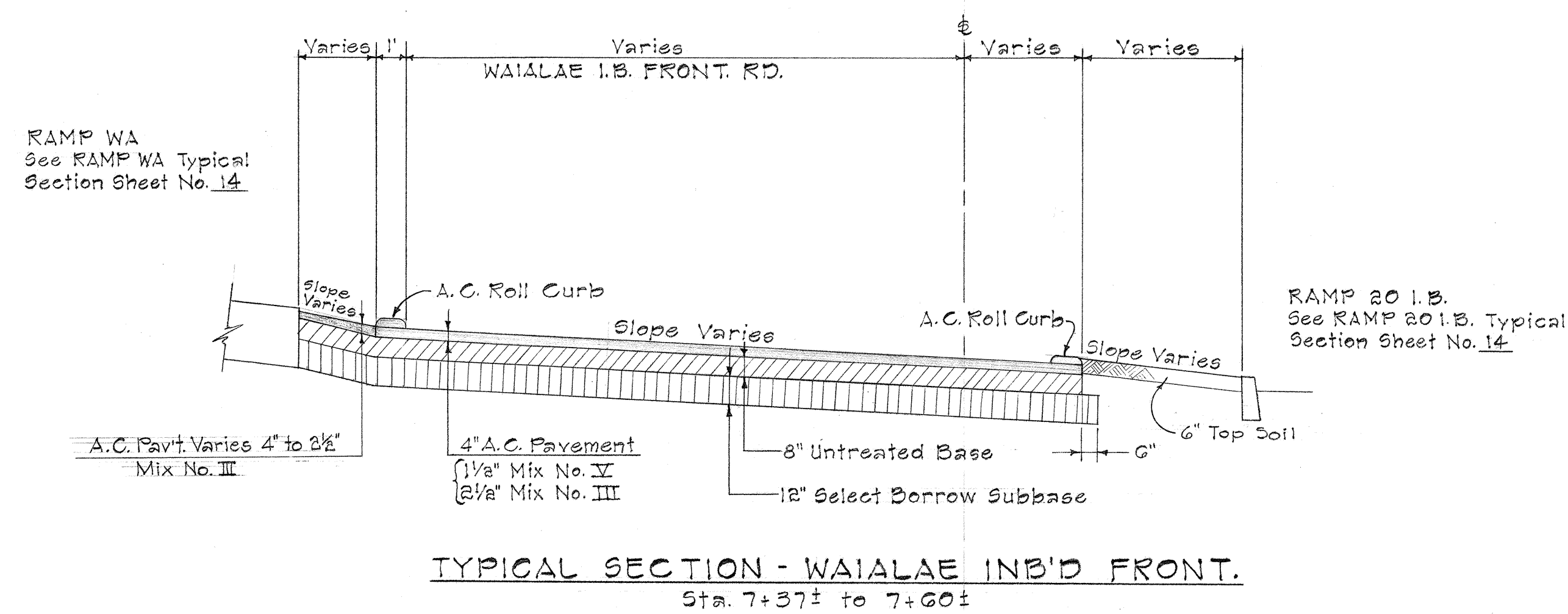
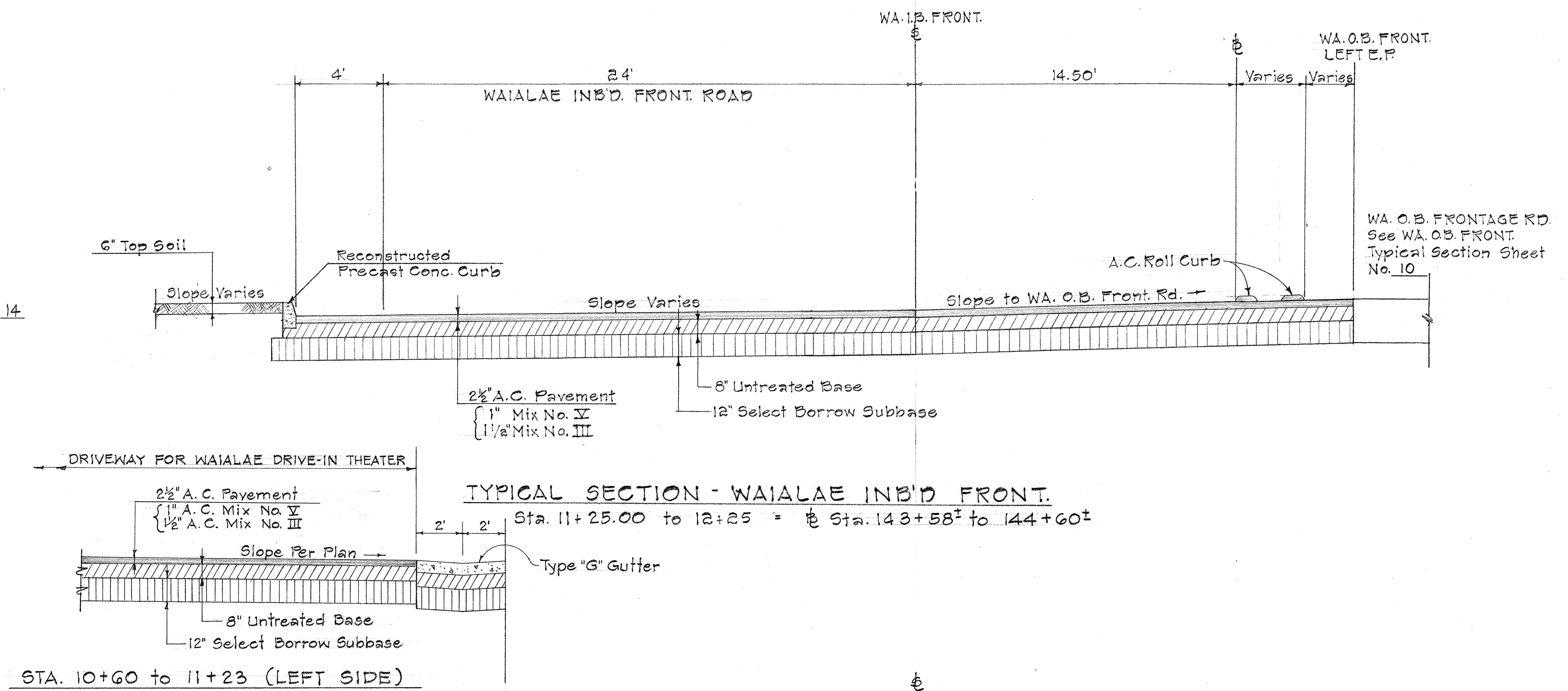
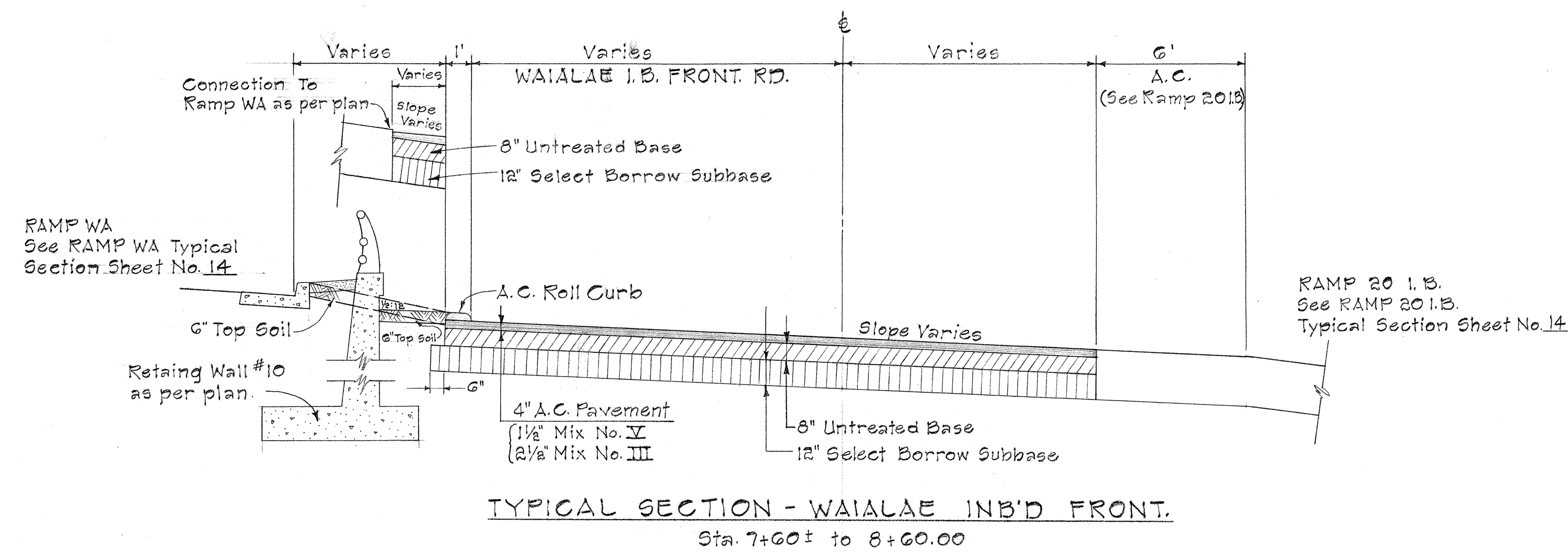
WILSON, OKAMOTO, OKA, INC.
PARK ASSOCIATES, INC.
ARCHITECTS & ENGINEERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE HIGHWAY (LUNALILO FWY.)
F.A.I. PROJ. NO. I-HI-1(6) UNIT 2
TYPICAL SECTIONS

Scale: 1/4" = 1'-0"
Date: Aug. 1965
SHEET No. 10 OF 13 SHEETS

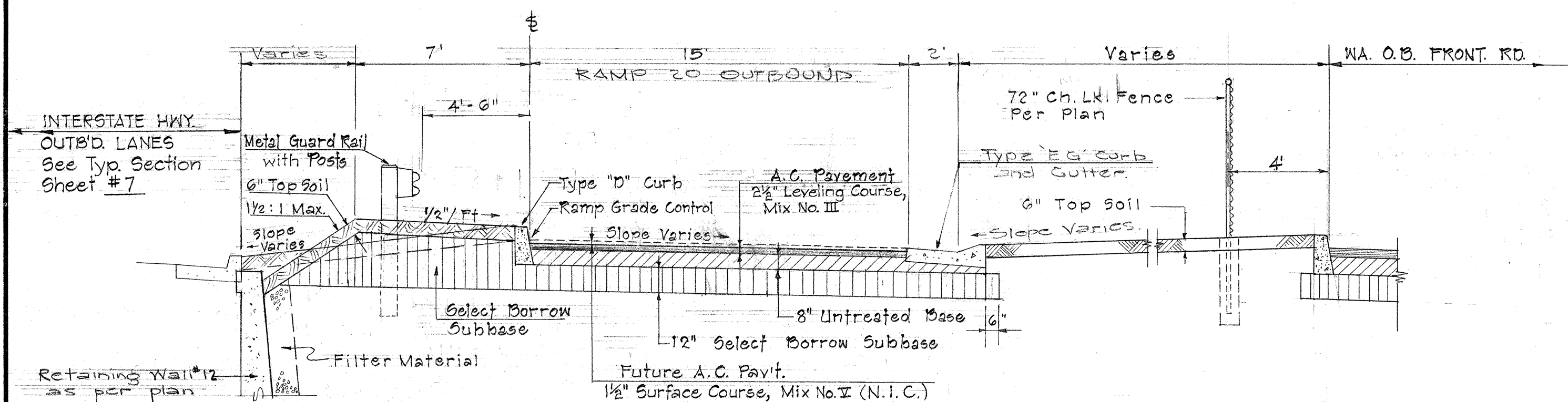
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) Unit 2	1966	12	203



DATE	
SURVEY PLATTED BY	
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
INTERSTATE HIGHWAY (LUNALILO FWY.)
F.A.I. PROJ. NO. I-HI-1(6) UNIT 2
TYPICAL SECTIONS

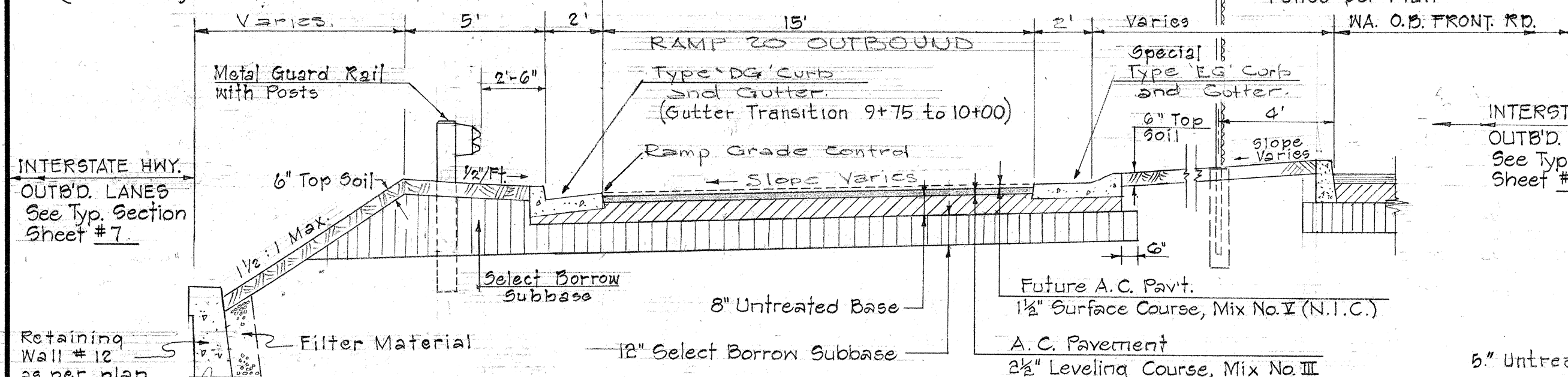
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Date: Oct. 1965
SHEET No. 11 OF 13 SHEETS



TYPICAL SECTION - RAMP 20 OUTBD.

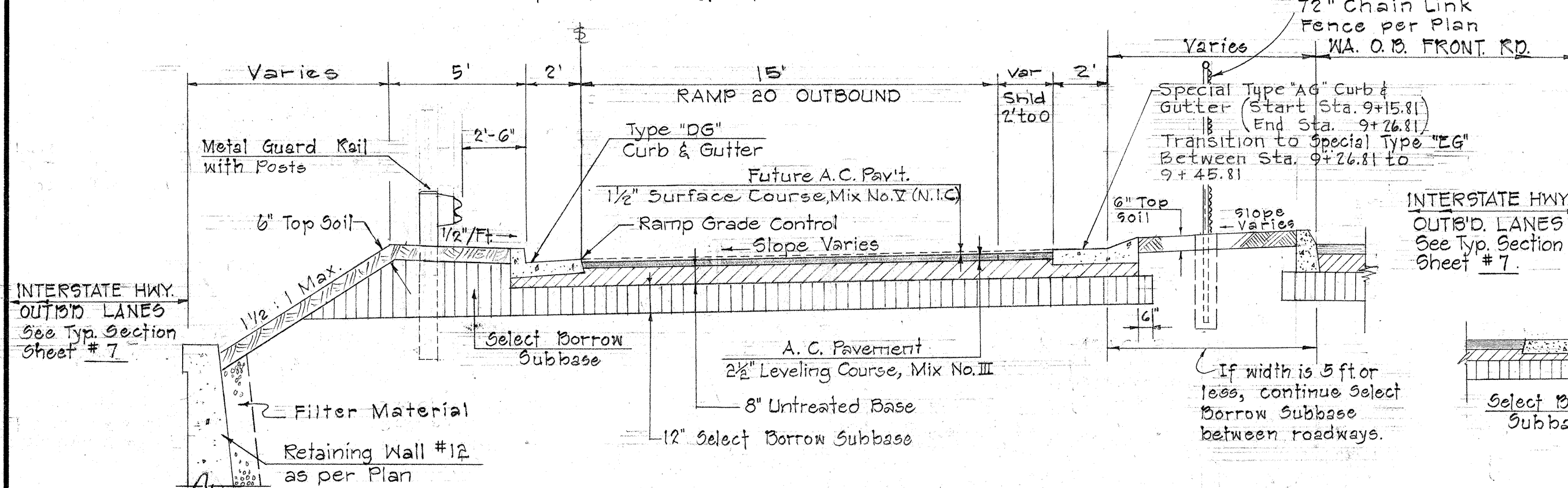
Sta. 10+00 to 10+28.12

NOTE: Gutter Transition from Sta. 9+75 to 10+00 (2' to 0')



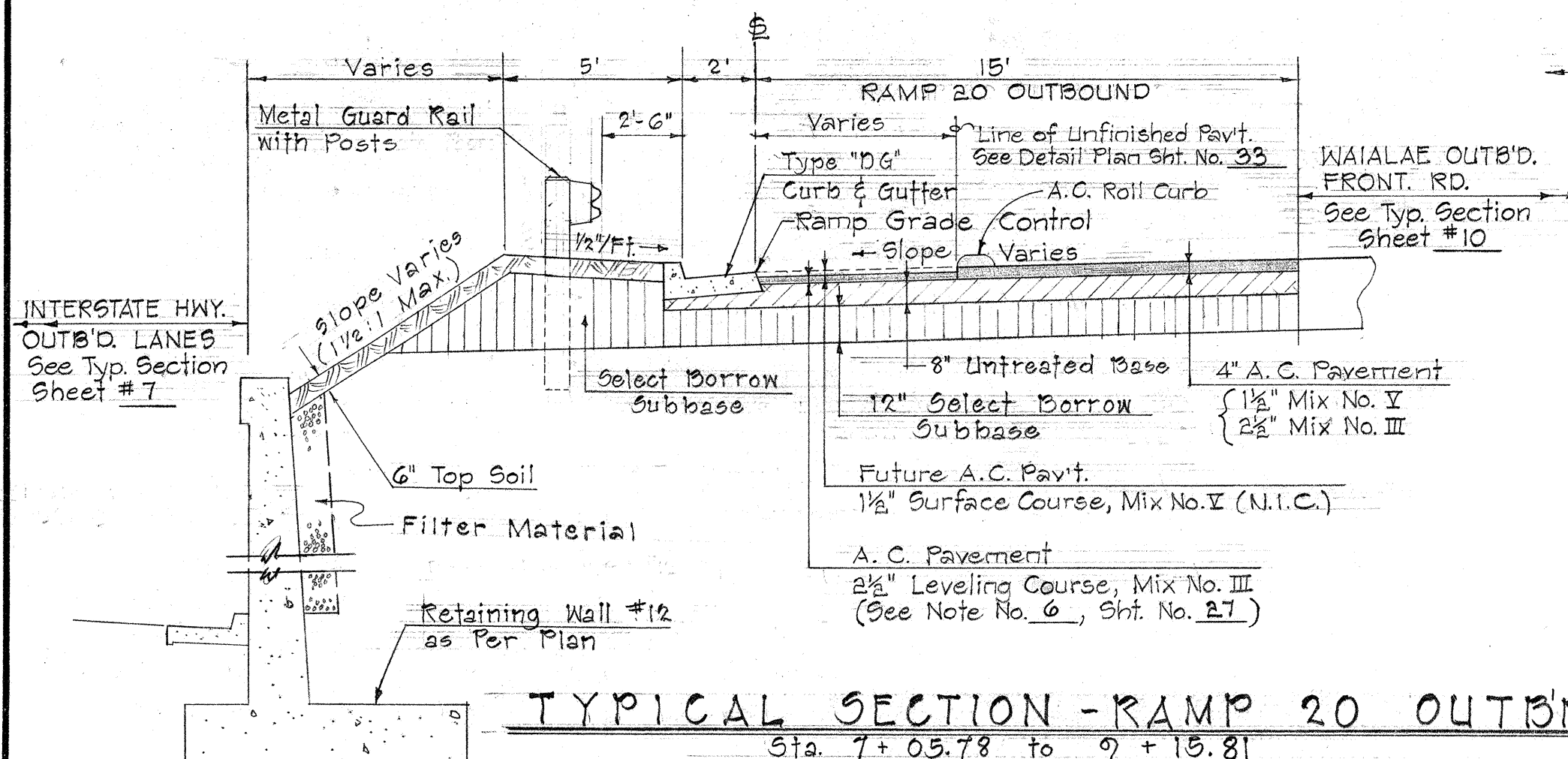
TYPICAL SECTION - RAMP 20 OUTBD.

Sta. 9+45.81 to 10+00



TYPICAL SECTION RAMP 20 OUTBD.

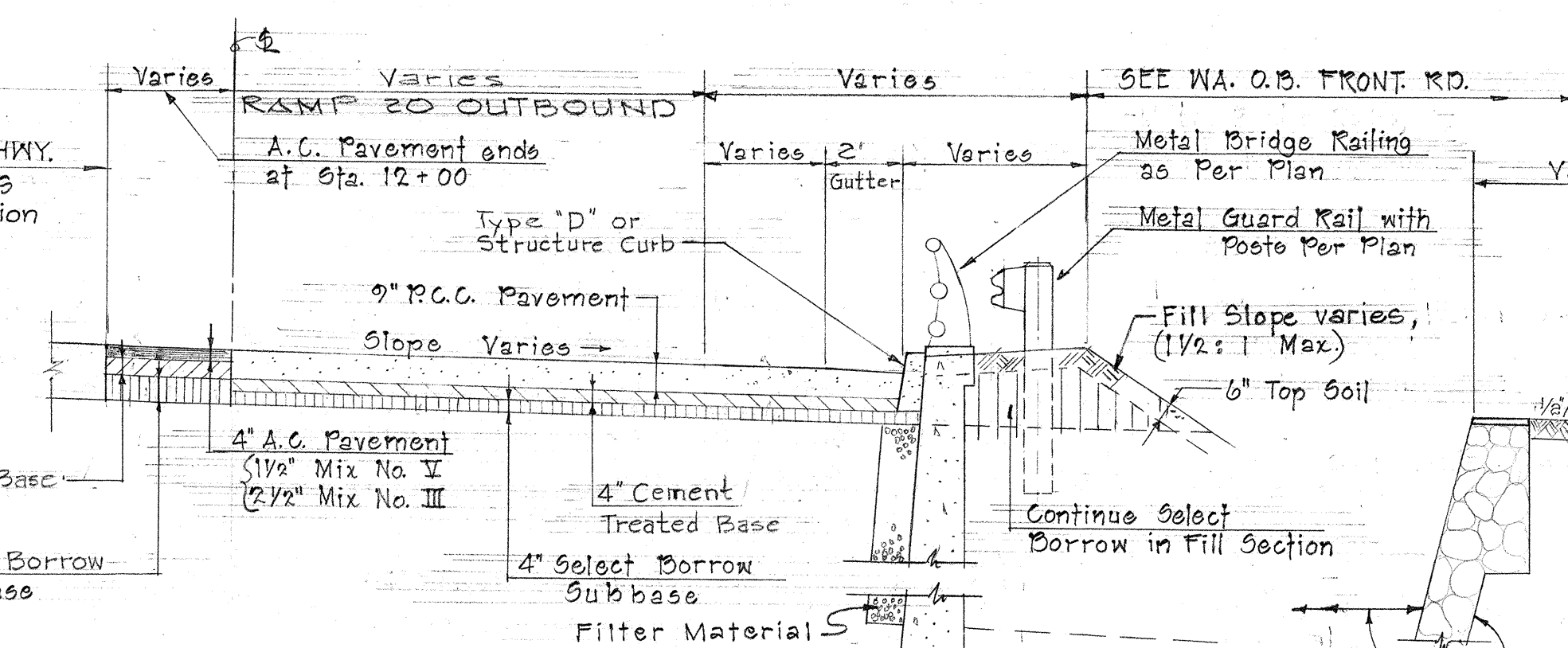
Sta. 9+15.81 to 9+45.81



TYPICAL SECTION - RAMP 20 OUTBD.

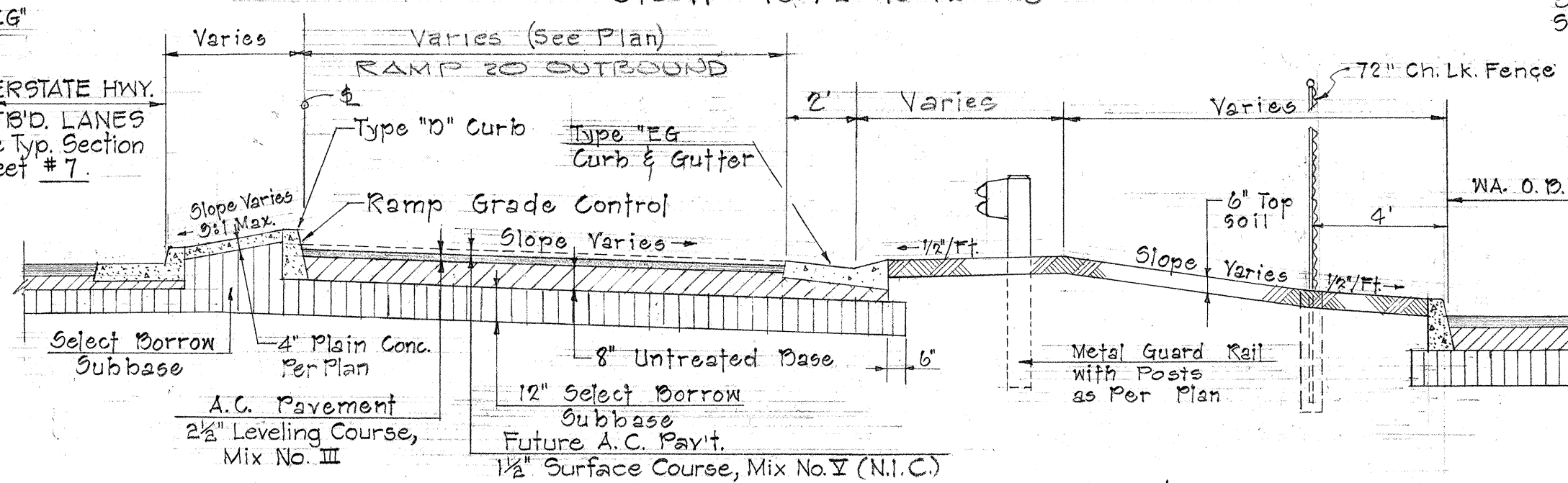
Sta. 7+05.78 to 9+15.81
NOTE: 7+05.78 = Begin Ramp 20 O.B. Sta.

NOTE: FOR TYPICAL SECTION OF RAMP 20 O.B. STA. 12+28 TO 12+39.65 (END RAMP), SEE HWY. TYPICAL SECTION #13 AND #14 SHEET NO. 8



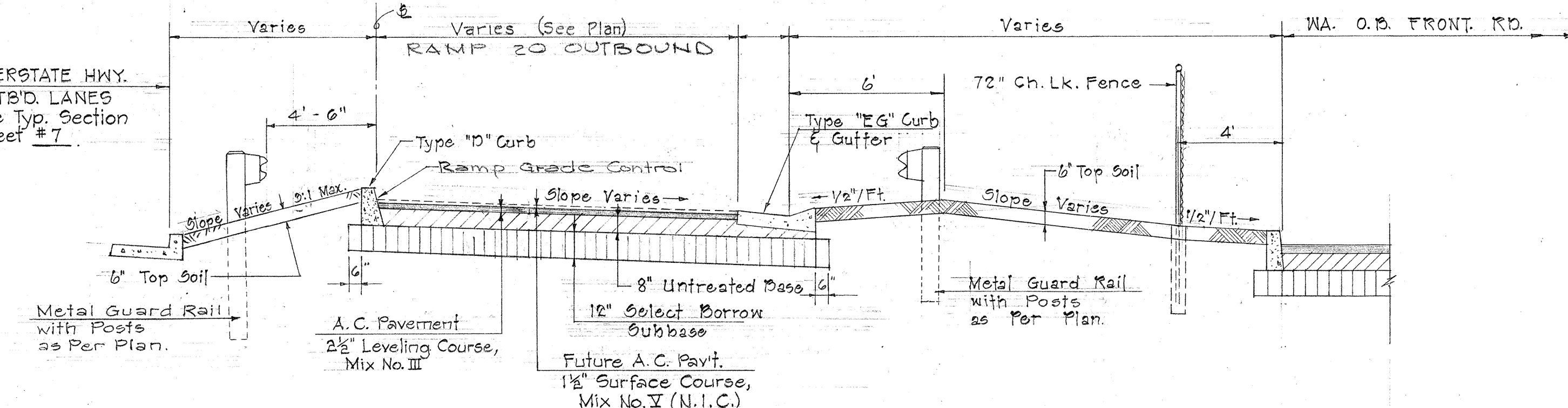
TYPICAL SECTION - RAMP 20 OUTBD.

Sta. 11+18.92 to 12+28



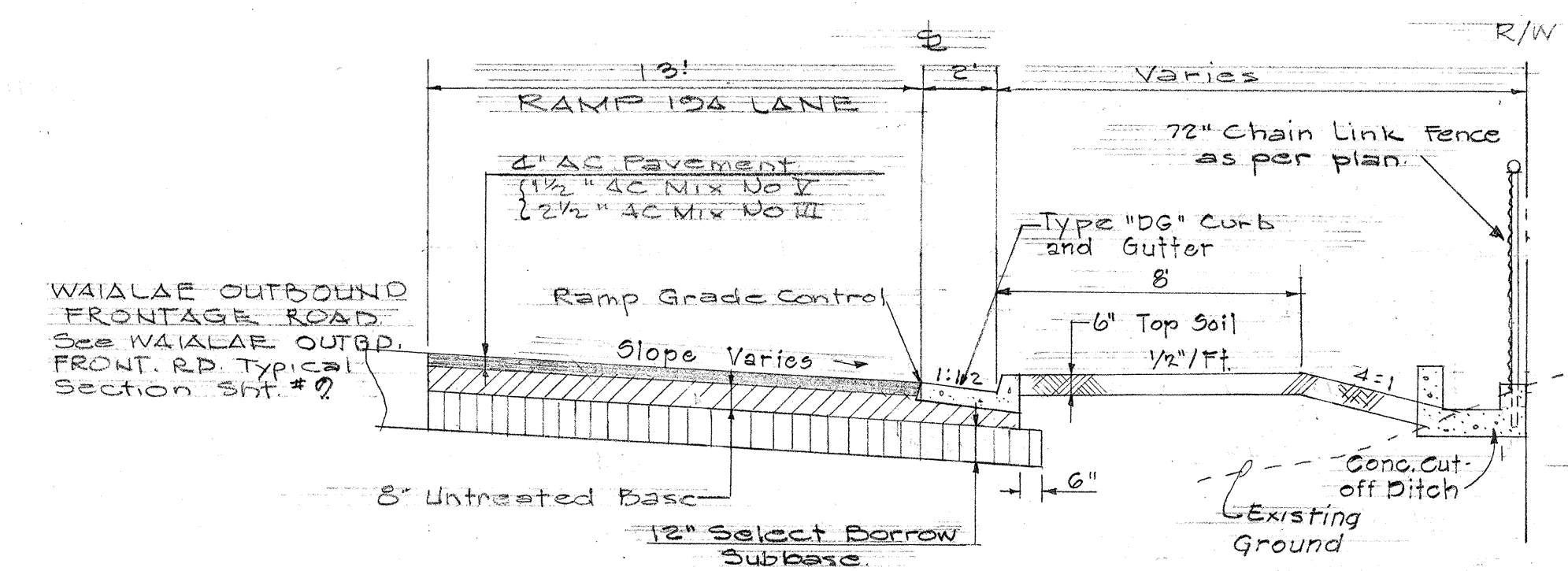
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Sta. 11+00 to 11+18.92



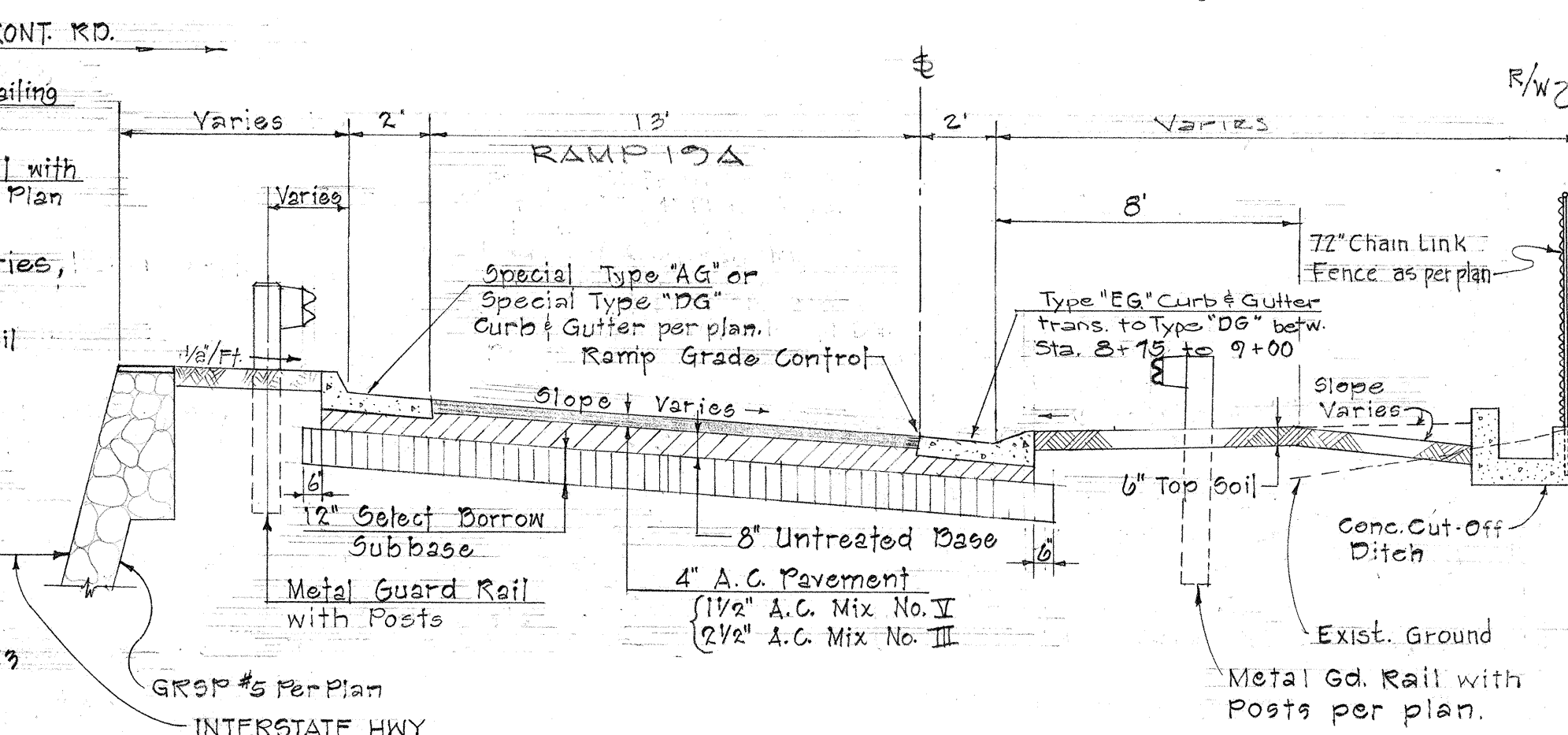
TYPICAL SECTION - RAMP 20 OUTBD.

Sta. 10+28.12 to 11+00



TYPICAL SECTION RAMP 19-A

Sta. 9+29.06 to 9+41.96



TYPICAL SECTION - RAMP 19-A

Sta. 8+00 to 9+29.06 (NOSE)

NOTE: Pedestrian Overpass, Structure No. 19-A from Sta. 8+60 to 9+10.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE HIGHWAY (LUNALILO FWY.)
F.A.I. PROJ. NO. I-HI-1(6) UNIT 2

TYPICAL SECTIONS

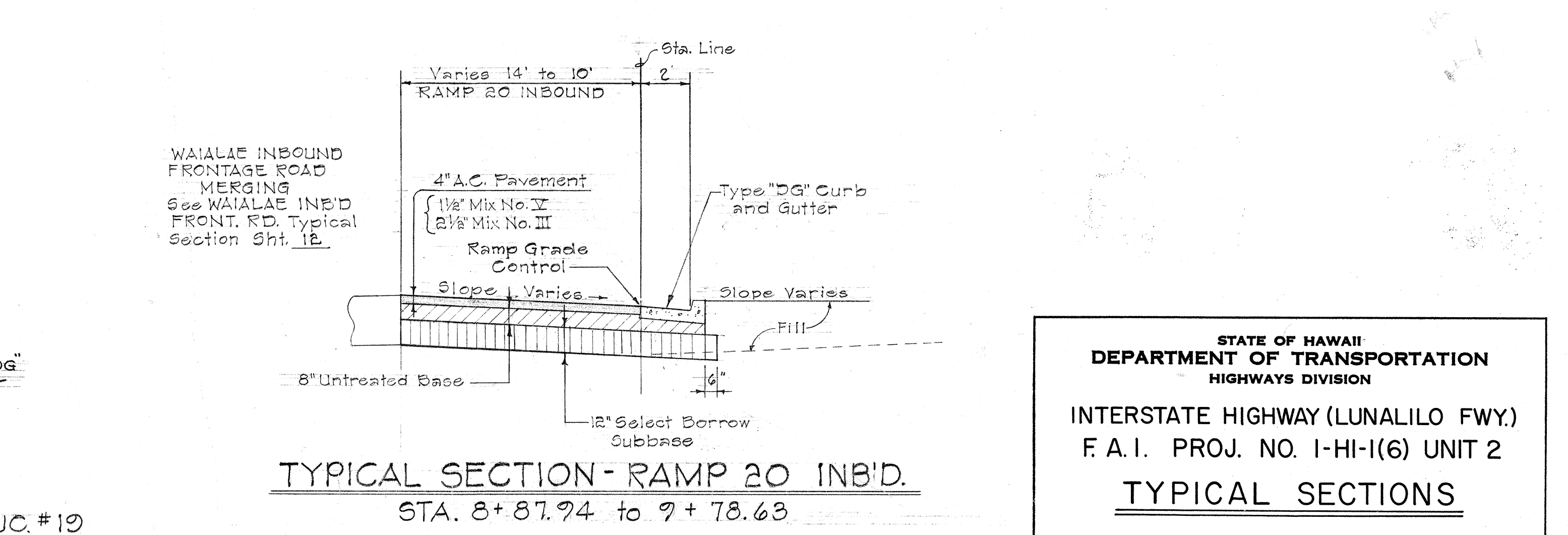
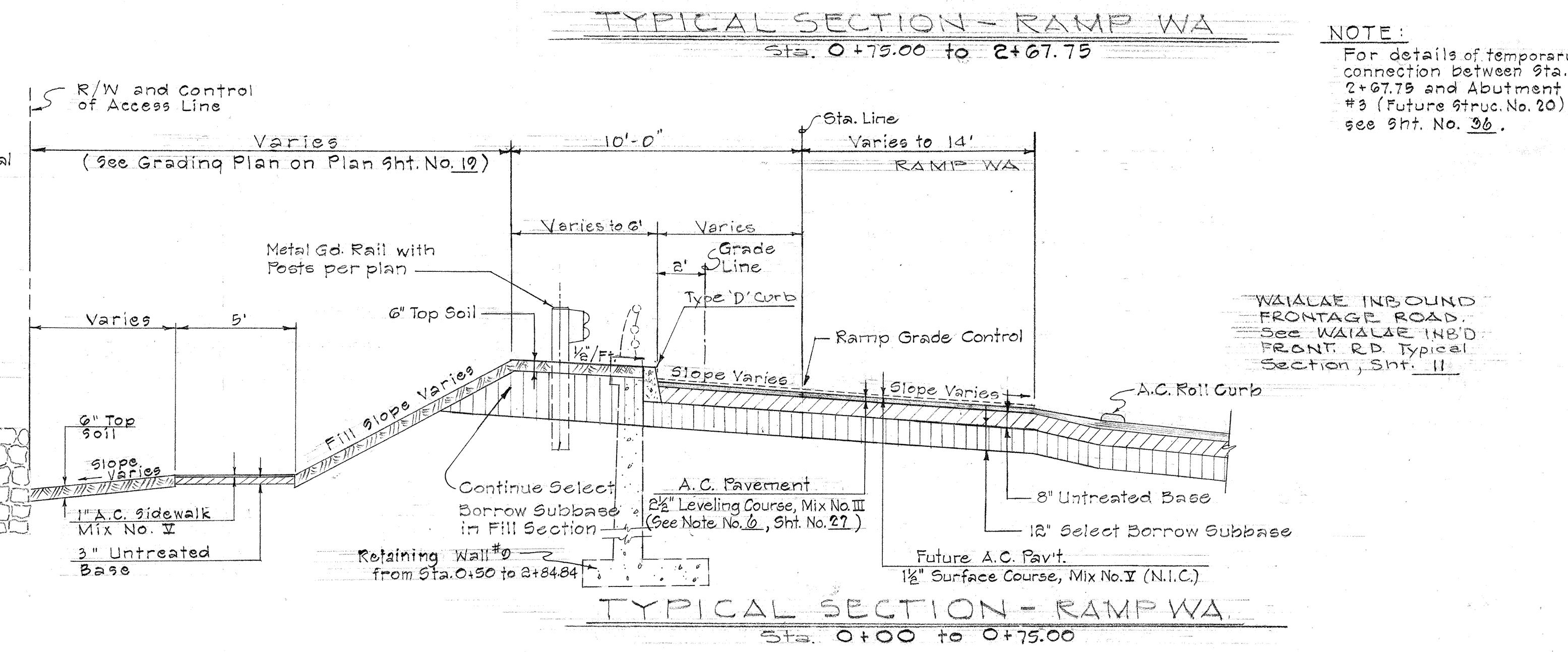
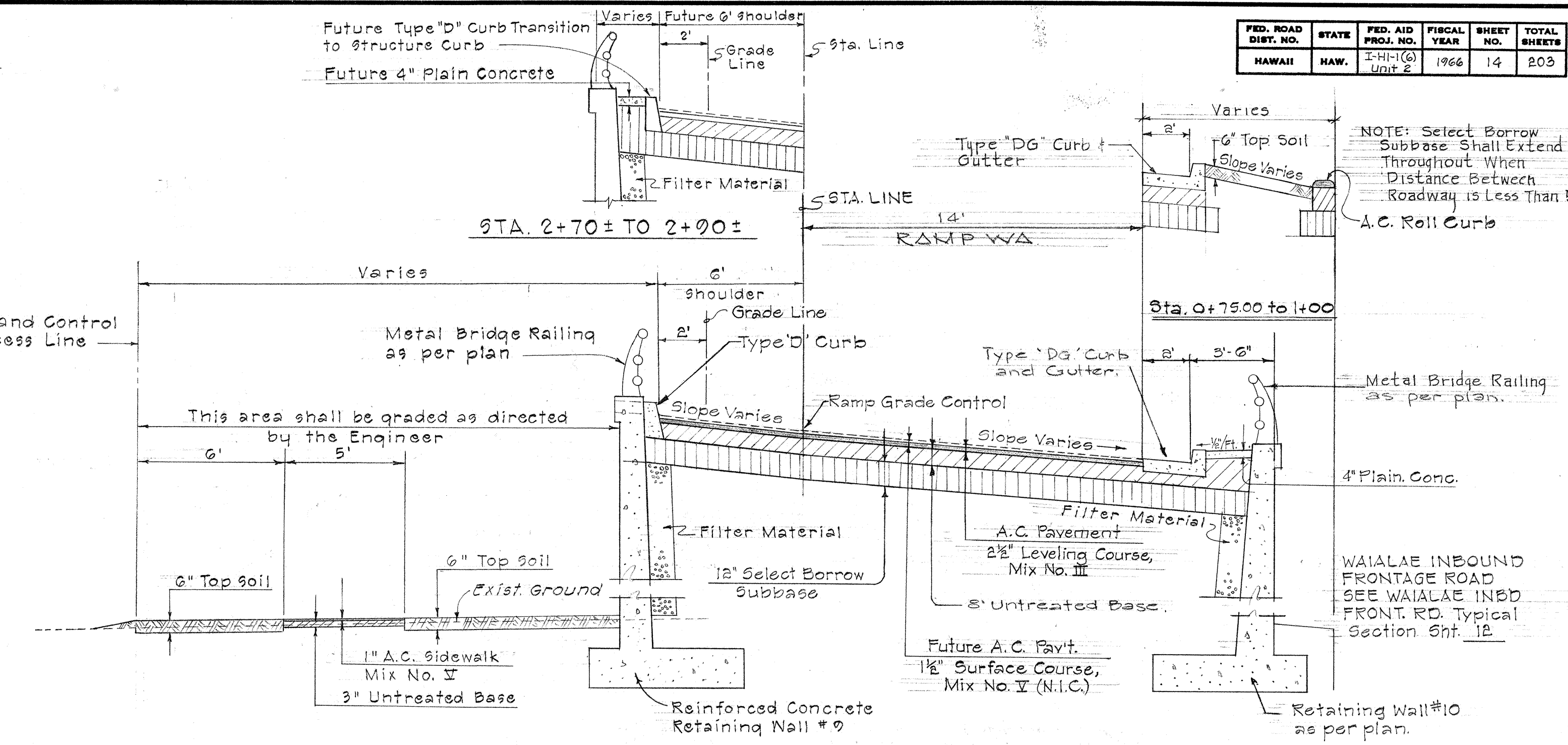
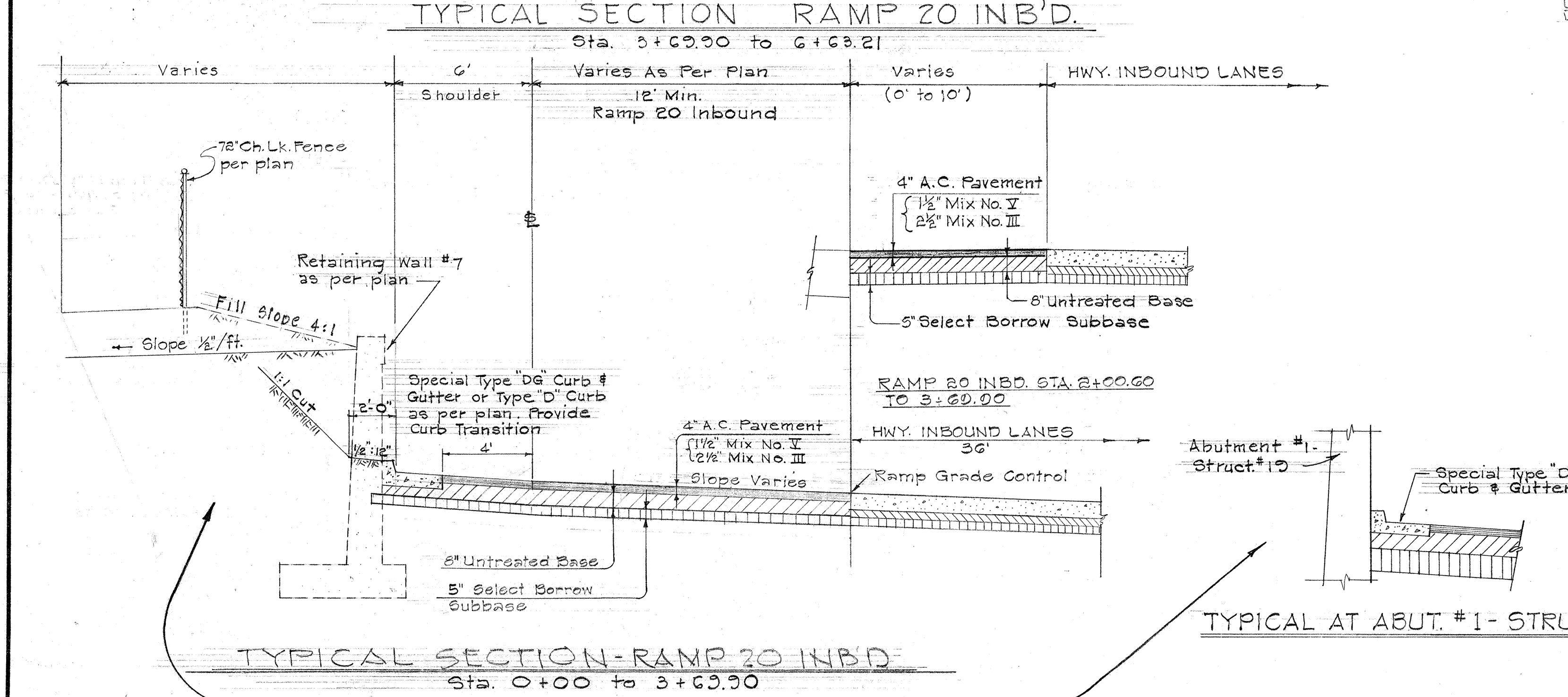
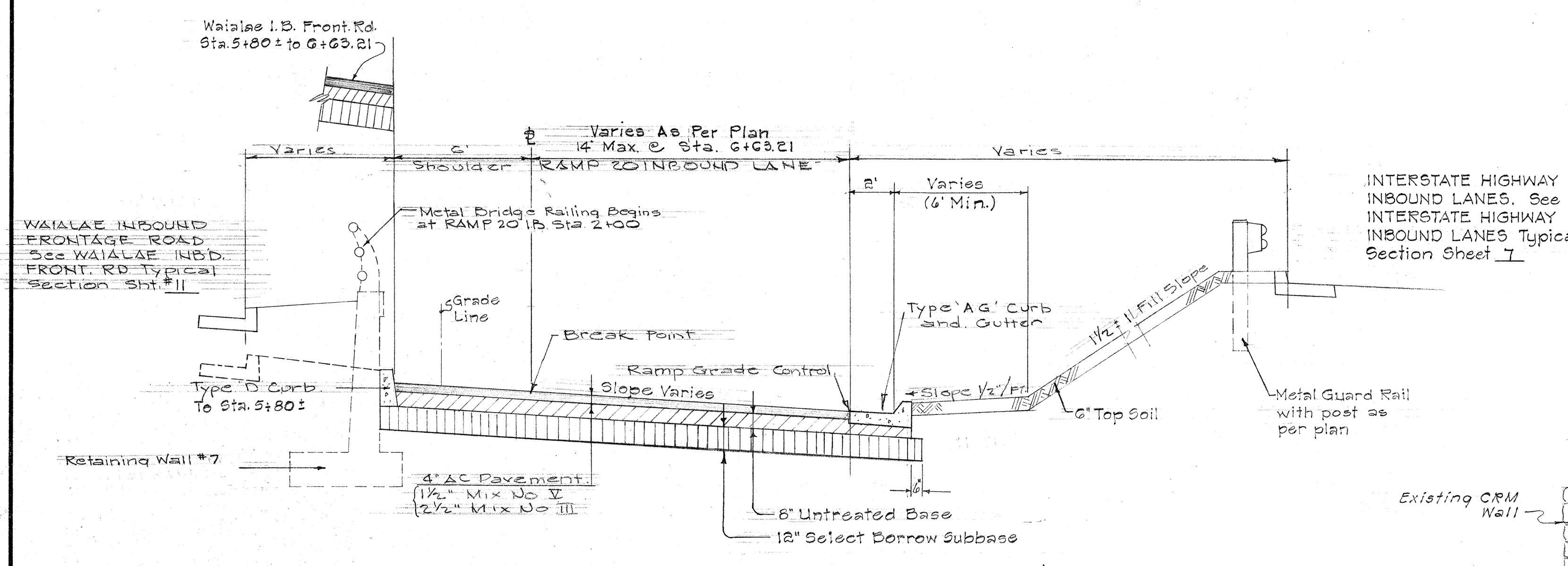
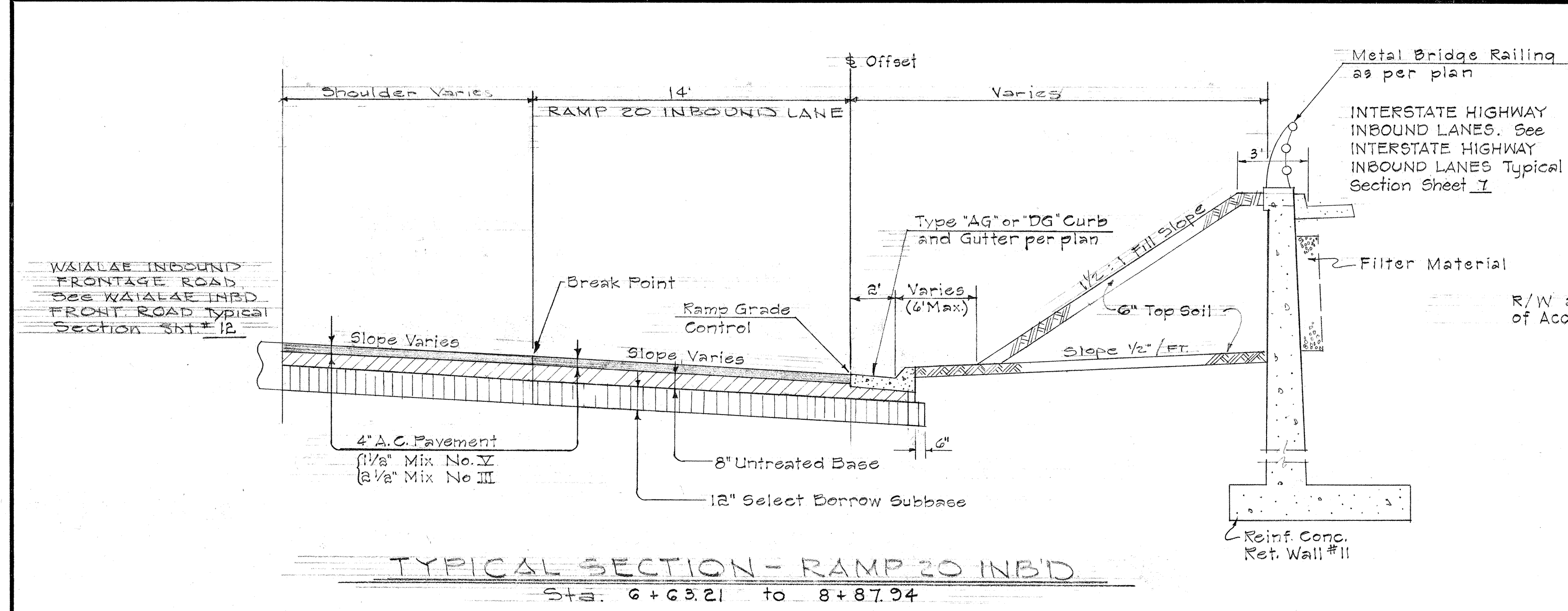
Scale: 1/4" = 1'-0"

Date: Aug. 1965

SHEET No. 12 OF 13 SHEETS

WILSON, OKAMOTO, OKA, INC.
PARK ASSOCIATES, INC.
ARCHITECTS & ENGINEERS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) UNIT 2	1966	14	203



WILSON, OKAMOTO, OKA, INC.
PARK ASSOCIATES, INC.
ARCHITECTS & ENGINEERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE HIGHWAY (LUNALILO FWY.)
F.A.I. PROJ. NO. I-HI-1(6) UNIT 2

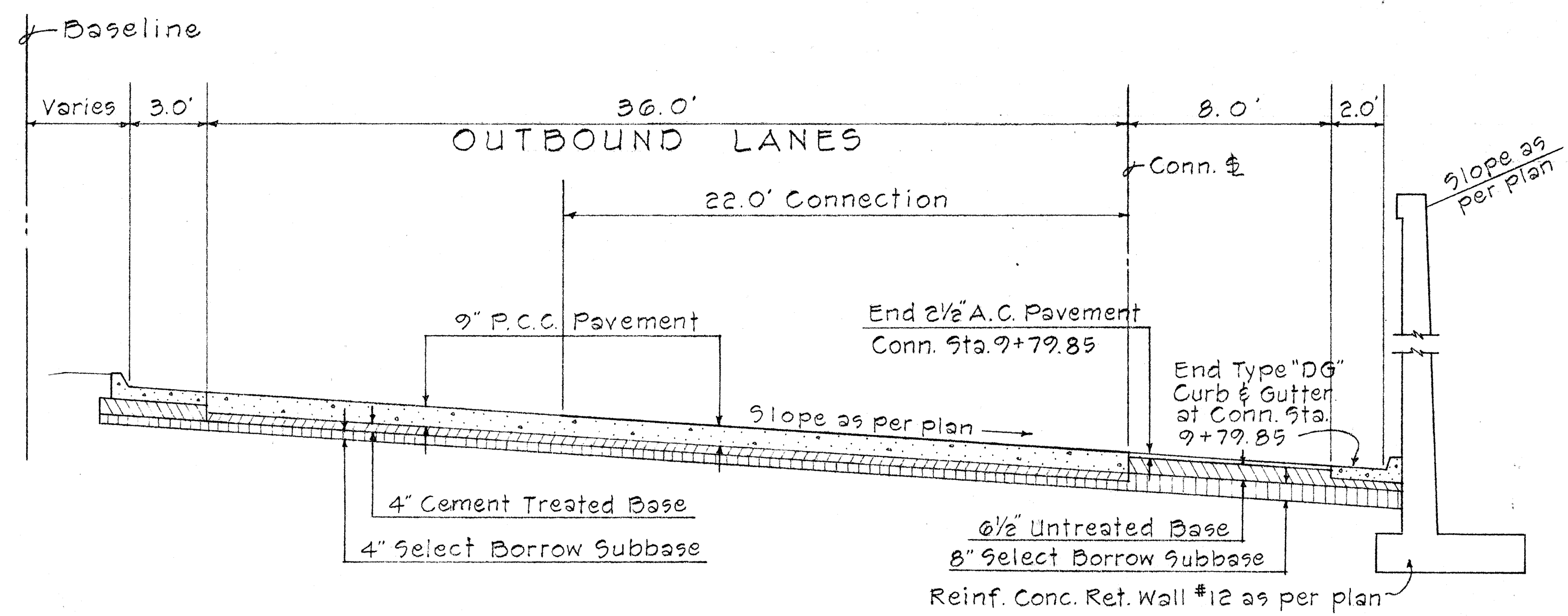
TYPICAL SECTIONS

Scale: 1/4" = 1'-0" Date: Aug. 1965

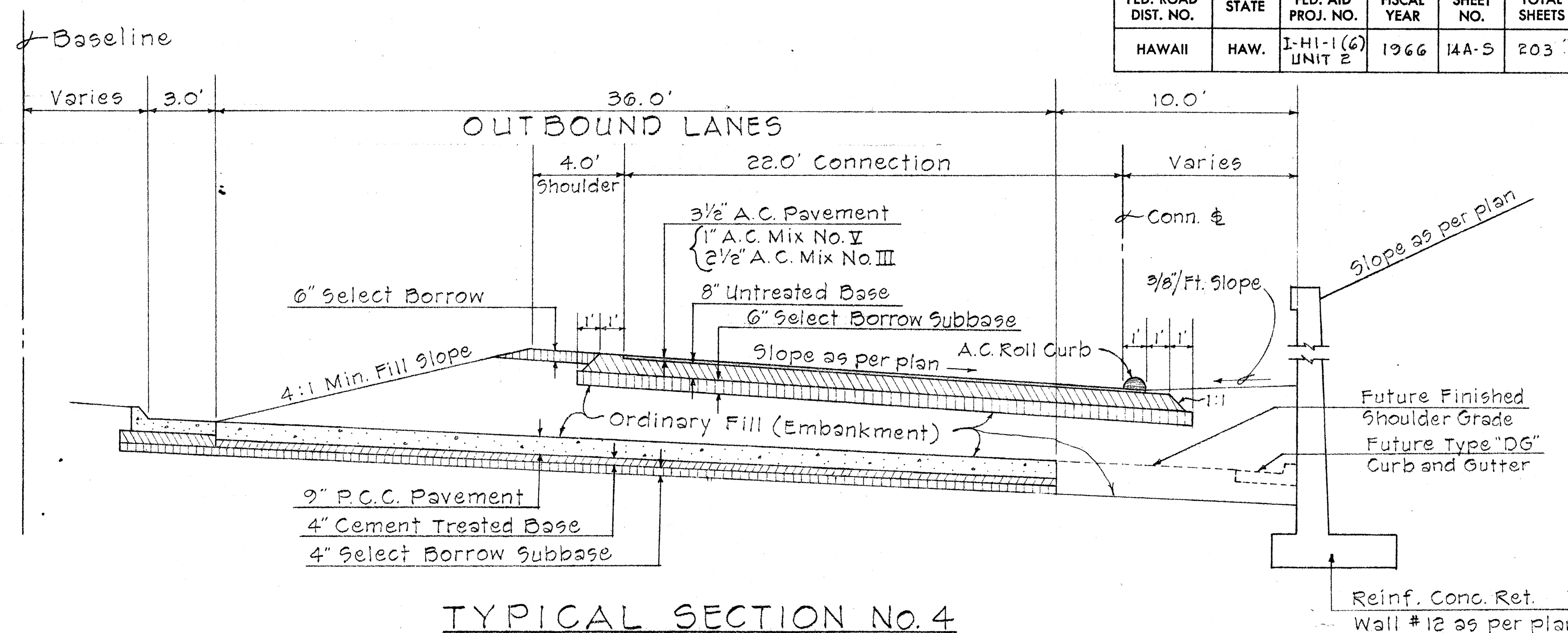
SHEET No. 13 OF 13 SHEETS

DATE	*****
SURVEY PLOTTED BY	*****
ORIGINAL PLAN	*****
DRAWN BY	*****
TRACED BY	*****
NOTED BY	*****
CHECKED BY	*****
NO.	*****

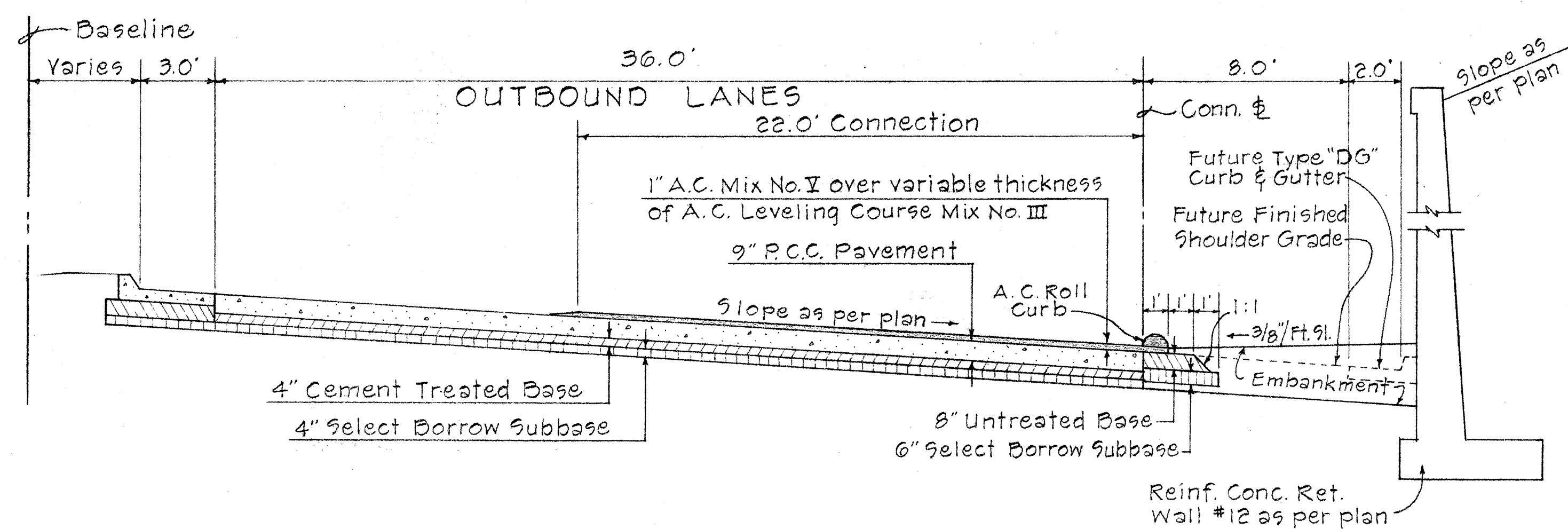
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) UNIT 2	1966	14A-5	203



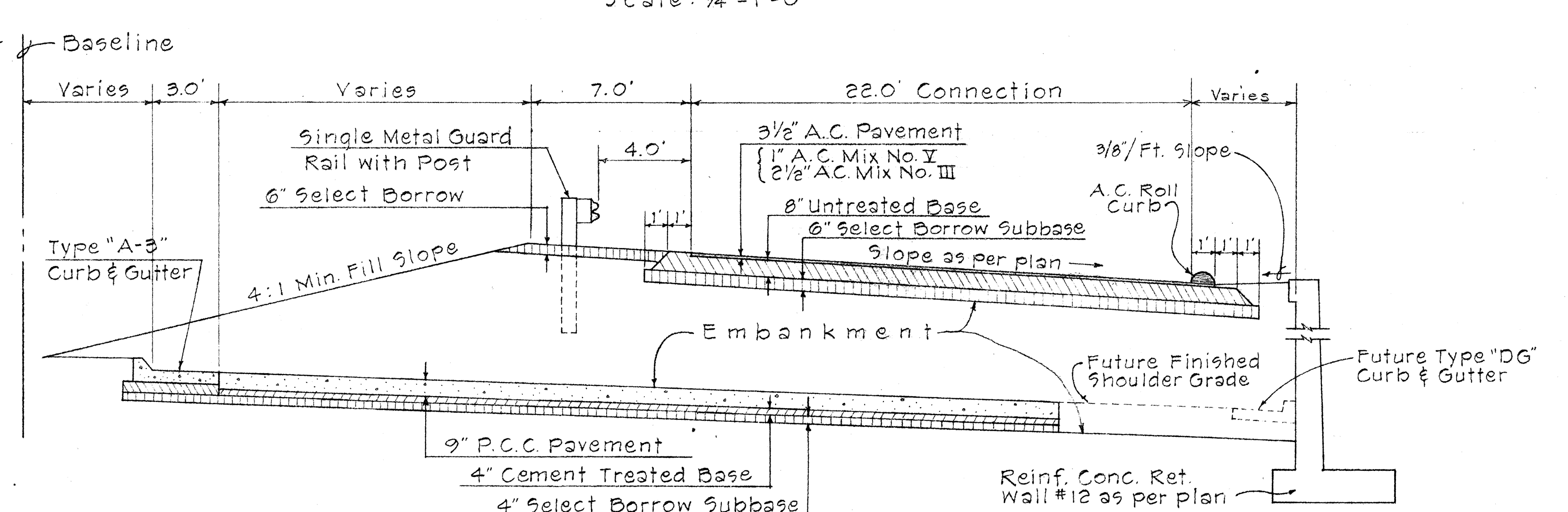
TYPICAL SECTION No. 1
 BEG. CONNECTION STA. 9+79.85 = STA. 135+04.64
 Scale: 1/4" = 1'-0"



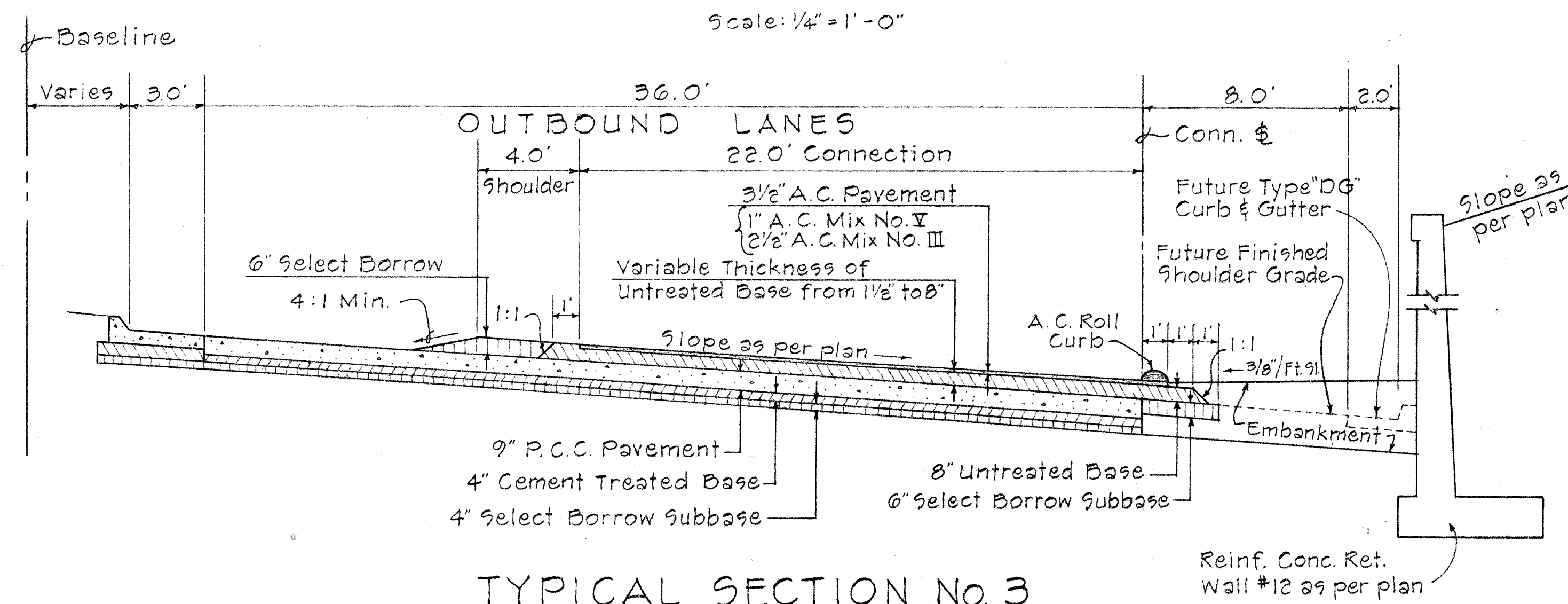
TYPICAL SECTION No. 4
 CONNECTION STA. 10+60± TO 11+75±
 Scale: 1/4" = 1'-0"



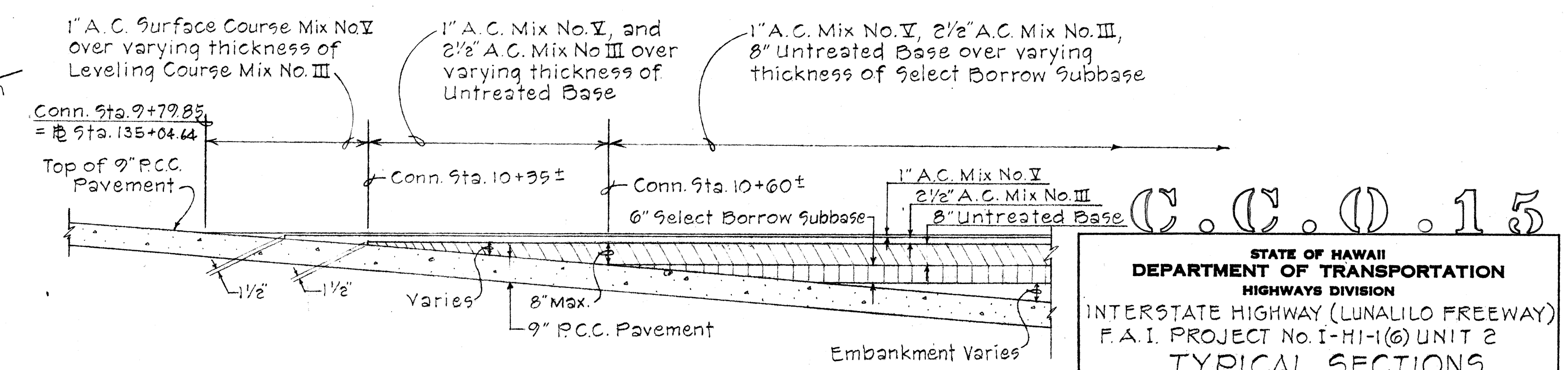
TYPICAL SECTION No. 2
 CONNECTION STA. 9+75.85 TO 10+35±
 Scale: 1/4" = 1'-0"



TYPICAL SECTION No. 5
 CONNECTION STA. 11+75± TO 12+25±
 Scale: 1/4" = 1'-0"



TYPICAL SECTION No. 3
 CONNECTION STA. 10+35± TO 10+60±
 Scale: 1/4" = 1'-0"



PROFILE - PAYMENT TRANSITION
 AT BEG. OF CONNECTION
 Not to Scale

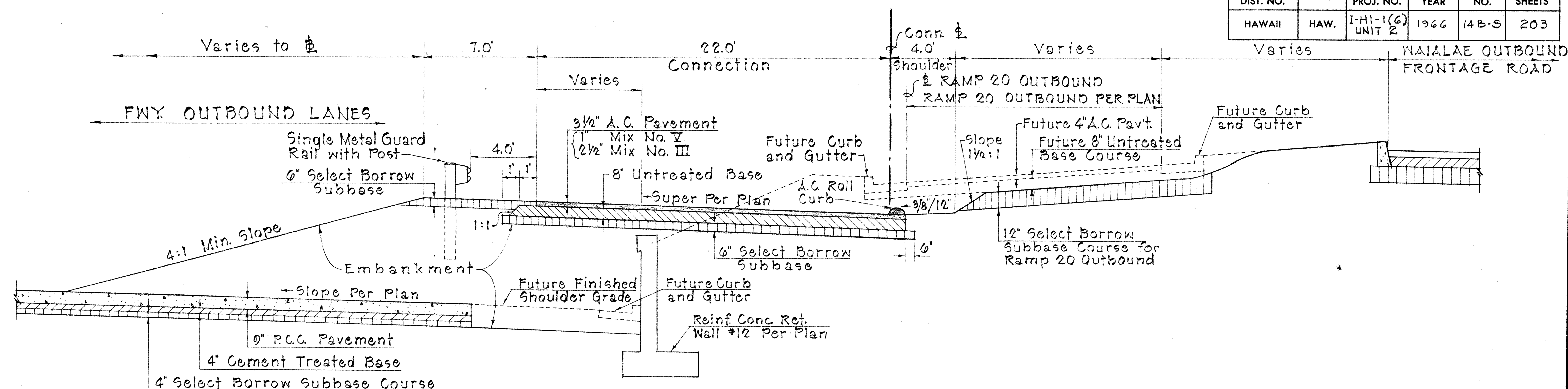
C.C.O. 15

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 INTERSTATE HIGHWAY (LUNALILO FREEWAY)
 F.A.I. PROJECT No. I-HI-1(6) UNIT 2
TYPICAL SECTIONS
 TEMPORARY CONNECTION
 AND PAYMENT WIDENINGS

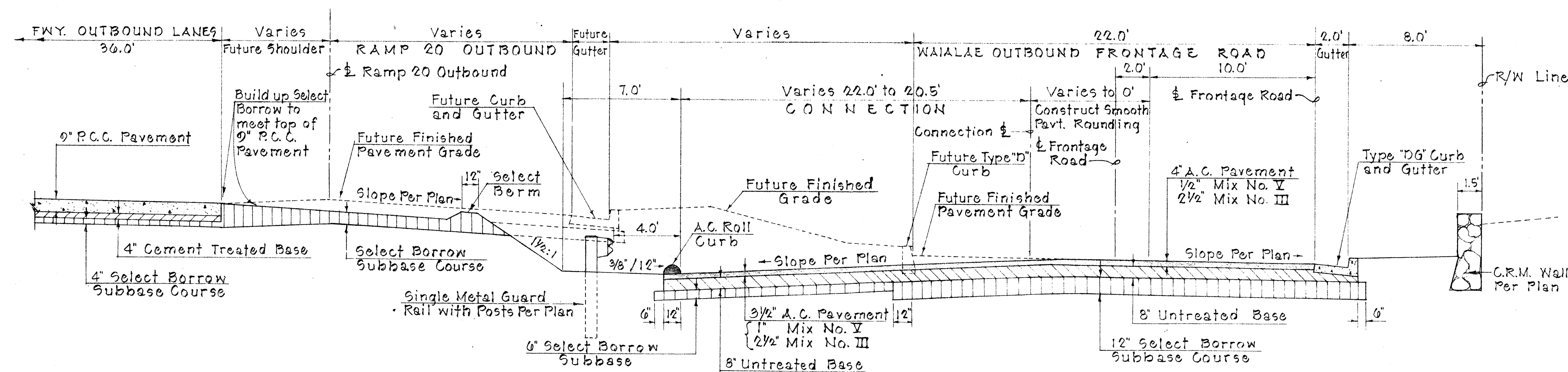
Scale: 1/4" = 1'-0" Feb. 1967
SHEET No. 1 OF 3 SHEETS

ORIGINAL PLAN
 SURVEY PLotted BY
 DRAWN BY
 CHECKED BY
 DATE

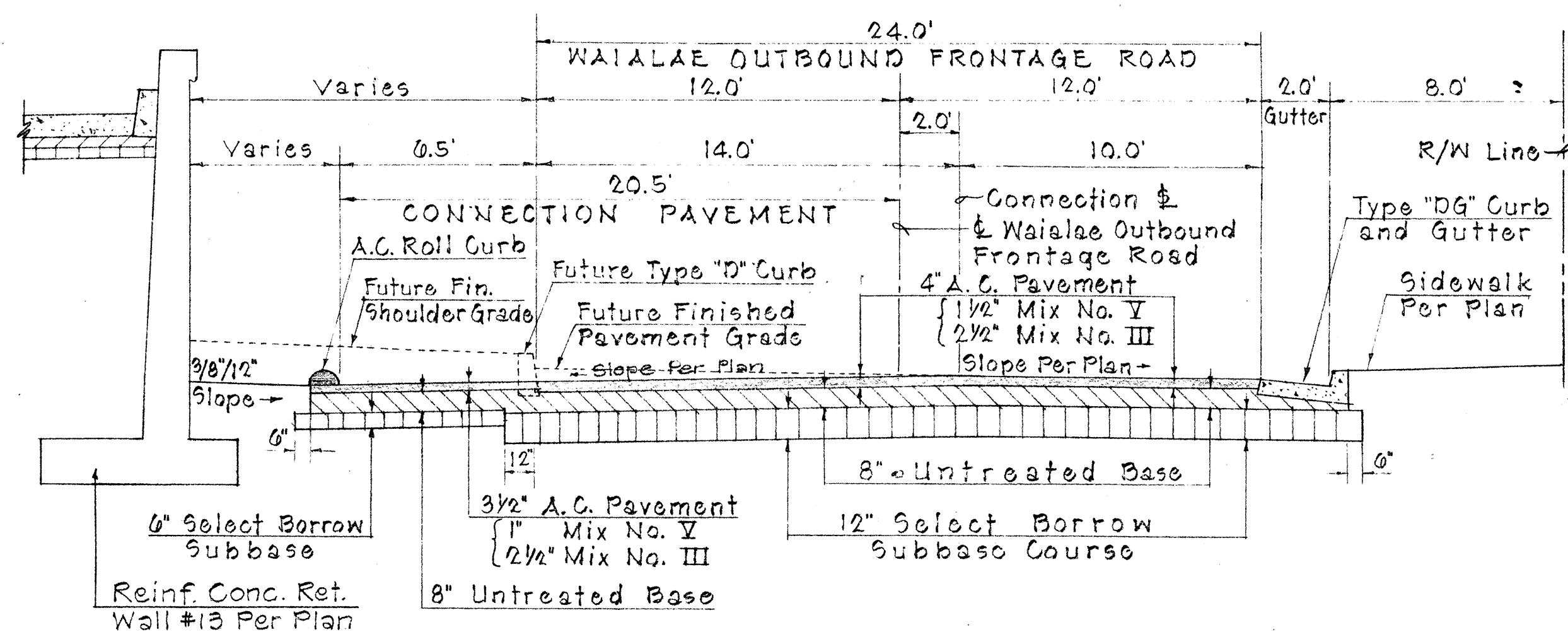
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) UNIT 2	1966	14B-S	203



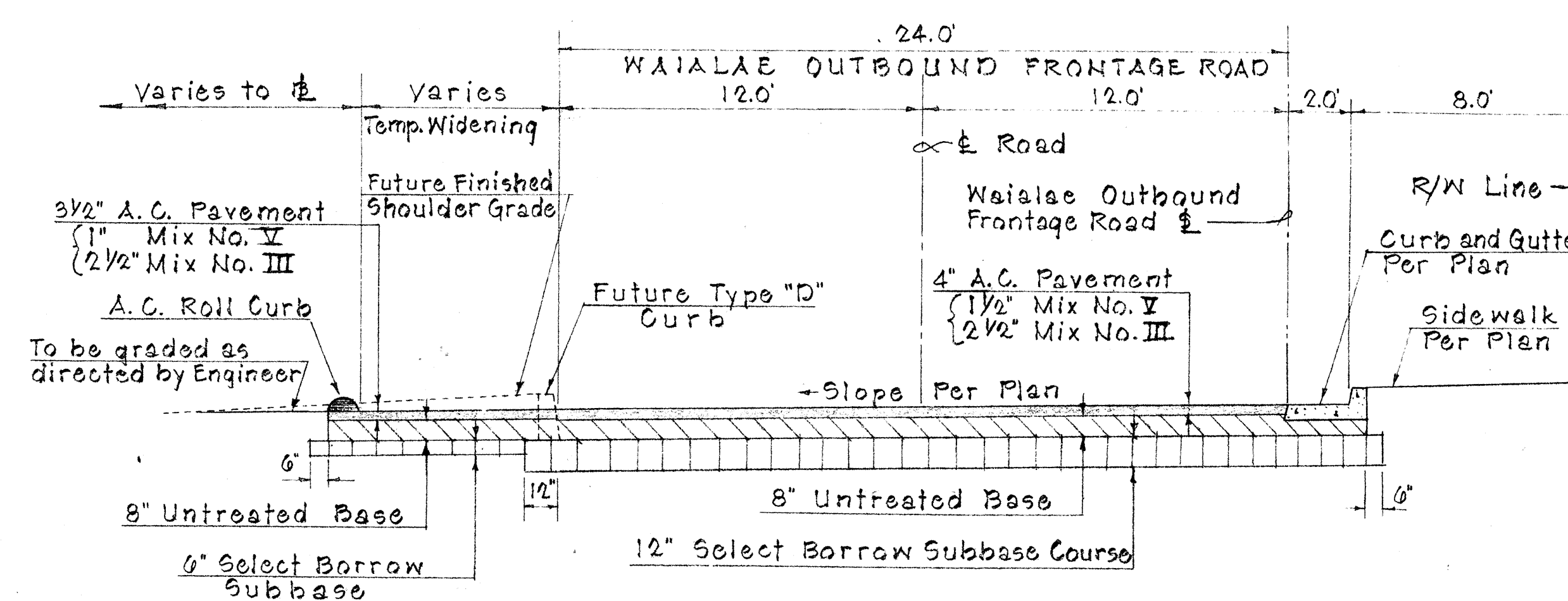
TYPICAL SECTION #6
 CONNECTION STA. 12+25 TO 13+75
 Scale: 1/4" = 1'-0"



TYPICAL SECTION #7
 CONNECTION STA. 13+75 TO 15+00
 Scale: 1/4" = 1'-0"



TYPICAL SECTION #8
 CONNECTION STA. 15+00 TO 15+75±
 Scale: 1/4" = 1'-0"



TYPICAL SECTION #9
 WAIALAE OUTBOUND FRONTAGE ROAD STA. 15+75 TO 16+50±
 Scale: 1/4" = 1'-0"

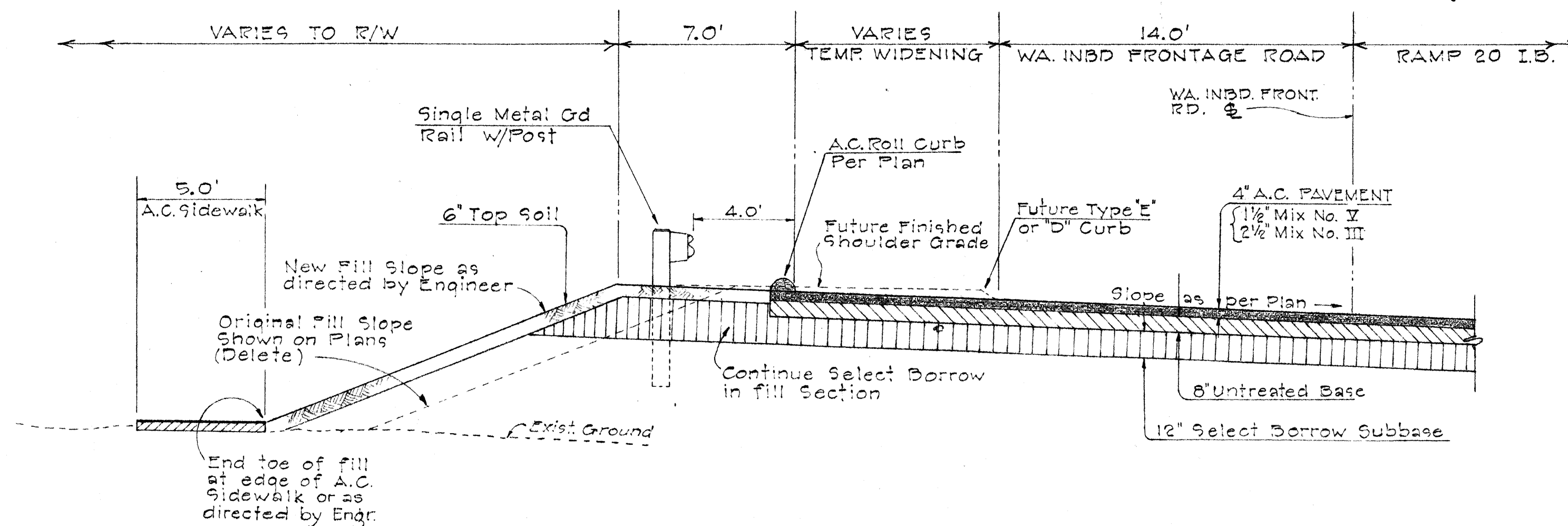
C.C.O. 15

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 INTERSTATE HIGHWAY (LUALABE FREEWAY)
 F.A.I. PROJECT NO. I-HI-1(6) UNIT 2
TYPICAL SECTIONS
 TEMPORARY CONNECTION
 AND PAVEMENT WIDENINGS

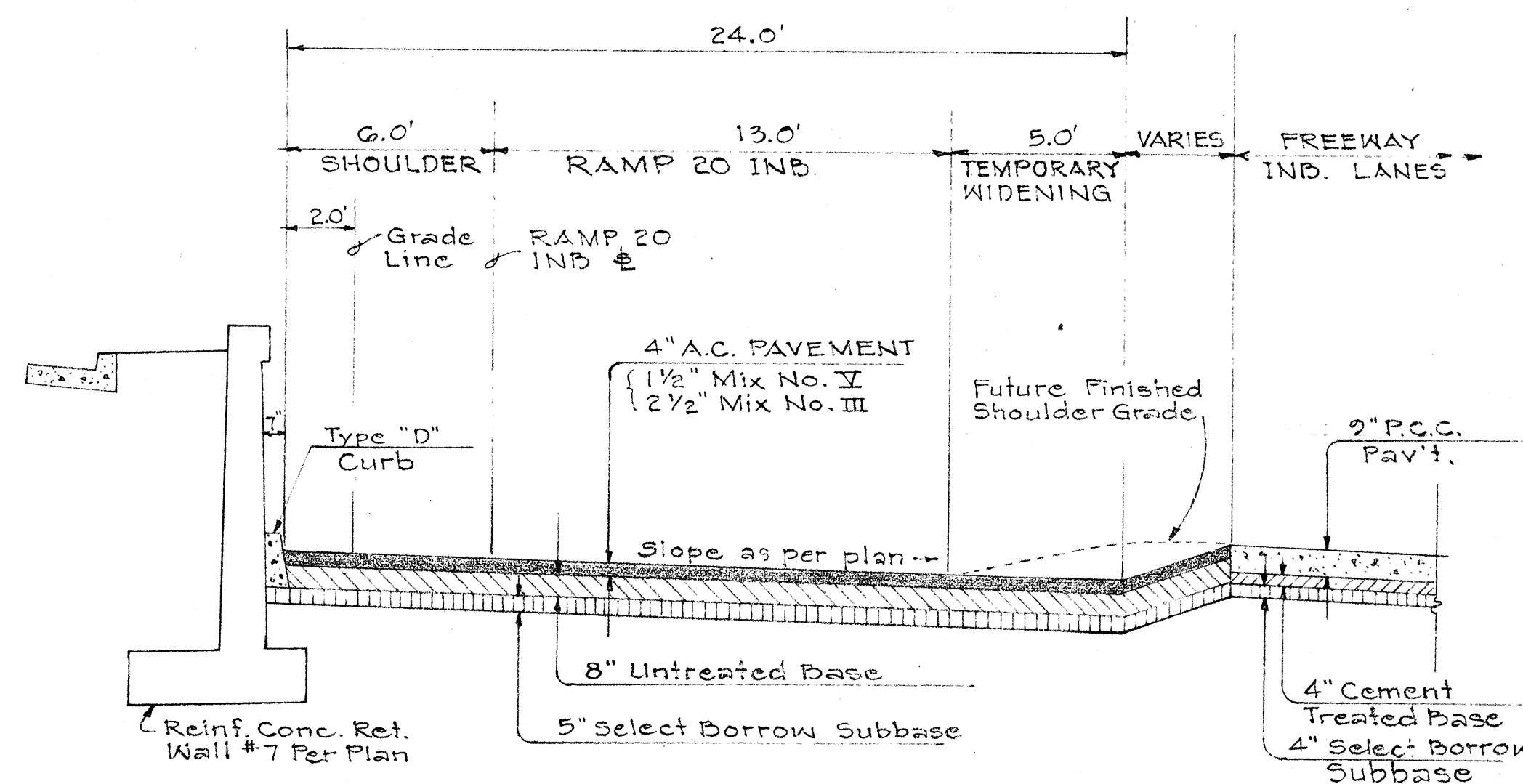
Scale: 1/4" = 1'-0" FEB. 1967
 SHEET No. 2 OF 3 SHEETS

14B-S

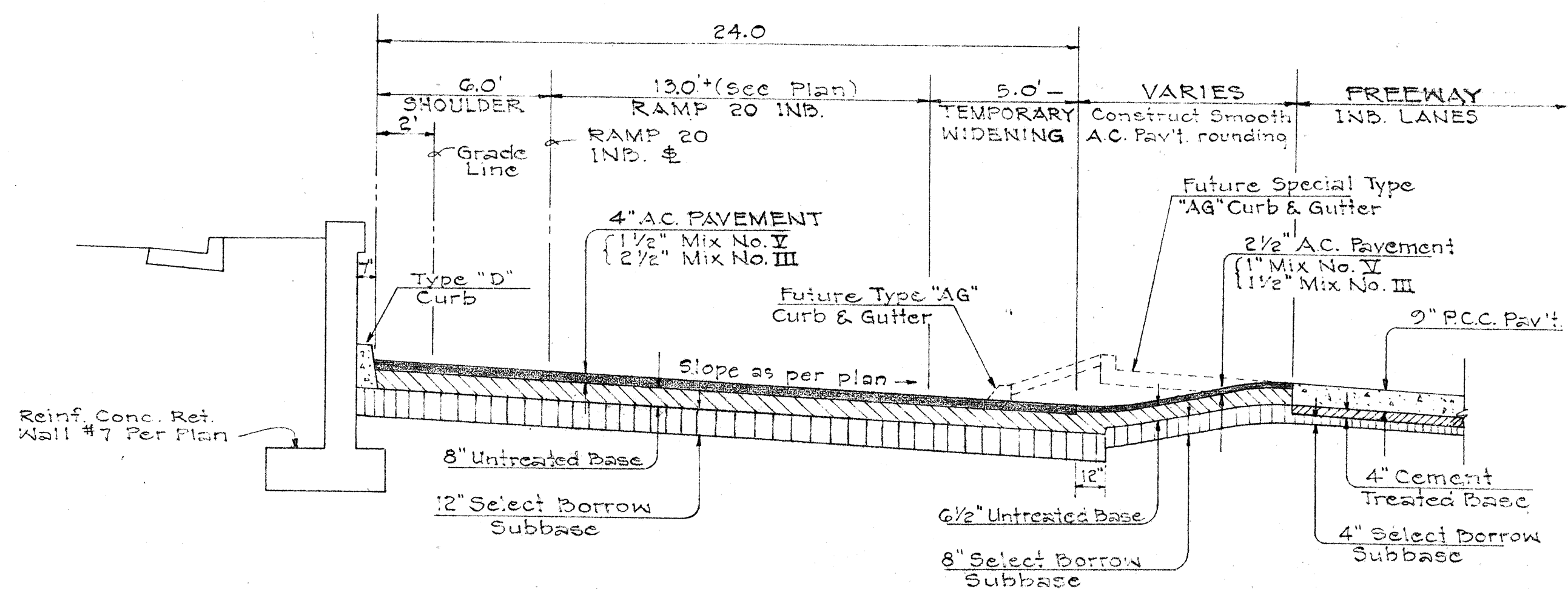
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) UNIT 2	1966	14C-5	203



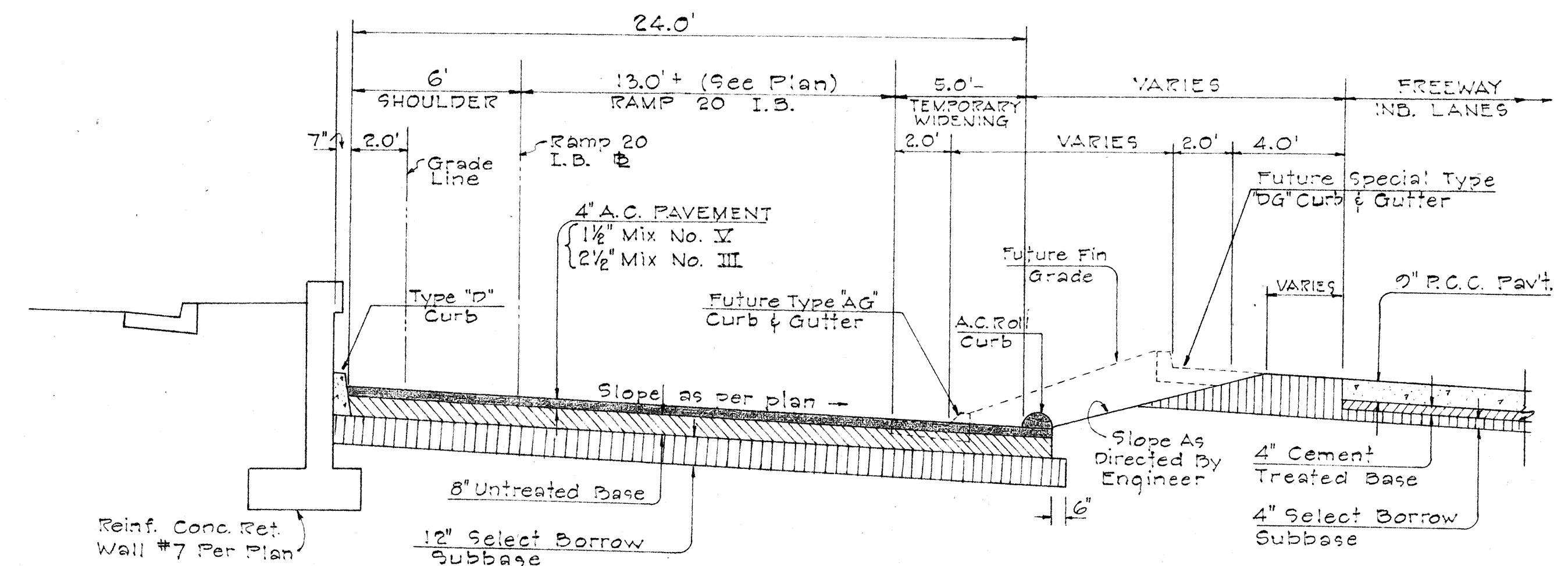
TEMPORARY WIDENING ~ WAIALAE INBD FRONTAGE ROAD
WA. INBD FRONT. STA. 0+50 TO STA. 10+50
SCALE: 1/4" = 1'-0"



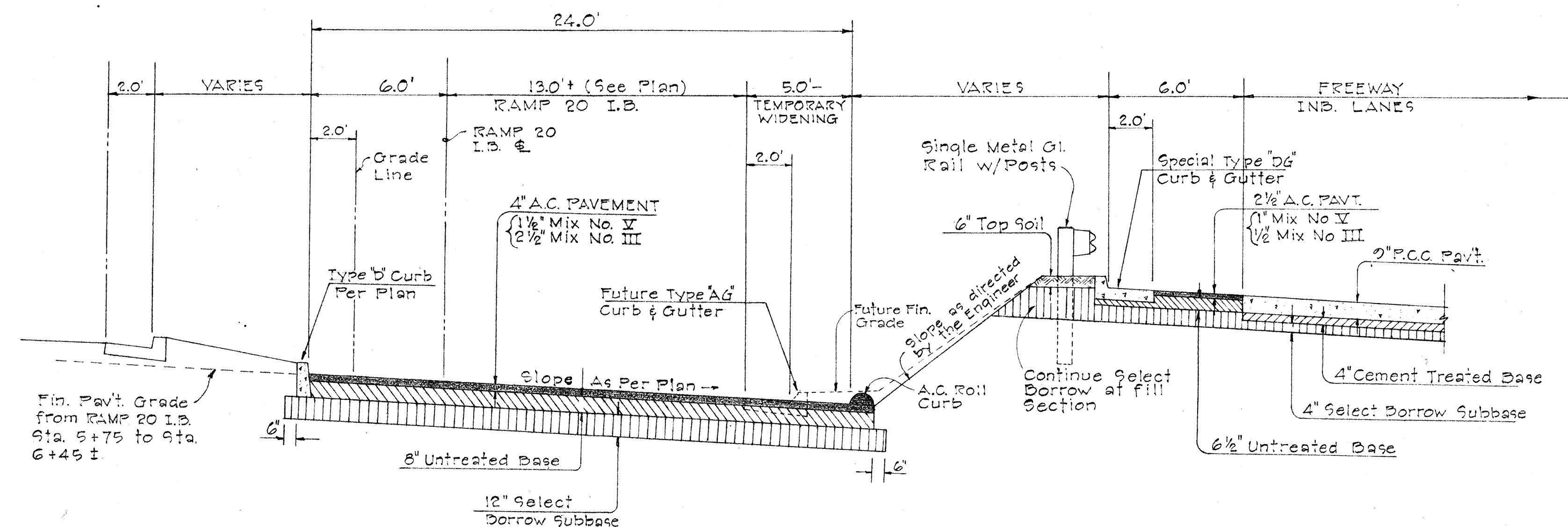
TEMPORARY WIDENING ~ RAMP 20 INBD
RAMP 20 INBD. STA. 3+20 TO STA. 3+62.90
SCALE: 1/4" = 1'-0"



TEMPORARY WIDENING ~ RAMP 20 INBD
RAMP 20 INBD. STA. 3+62.90 TO 4+00
SCALE: 1/4" = 1'-0"



TEMPORARY WIDENING ~ RAMP 20 INBD
RAMP 20 I.B. STA. 4+00 TO 4+60 ±
SCALE: 1/4" = 1'-0"



TEMPORARY WIDENING ~ RAMP 20 INBD
RAMP 20 I.B. STA. 4+60 TO 6+45 ±
SCALE: 1/4" = 1'-0"

C.C.O. 15

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE HIGHWAY (LUNALILO FWY)
FAL PROJ. NO. I-HI-1(6) UNIT 2

TYPICAL SECTIONS

TEMPORARY CONNECTION AND
PAVEMENT WIDENING

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

FEB. 1967

SHEET No. 3 OF 3 SHEETS

14C-5