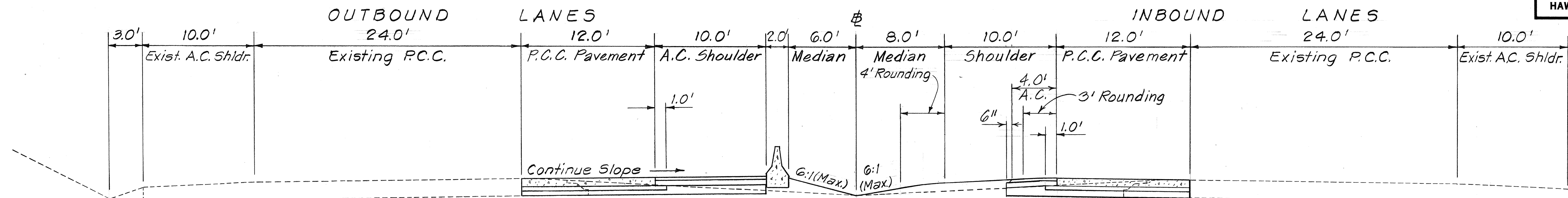
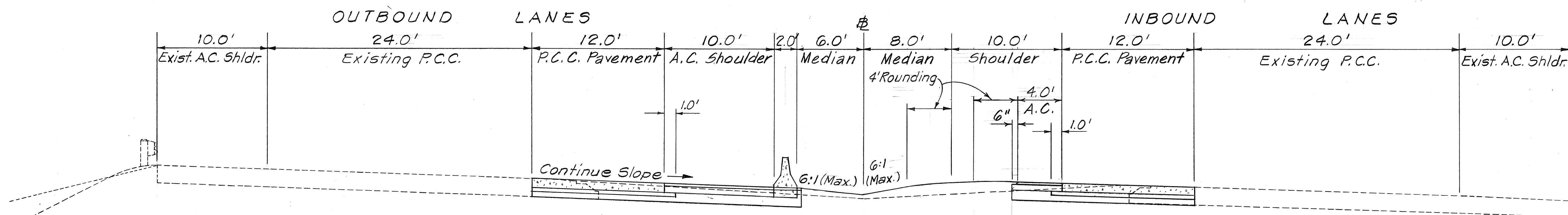


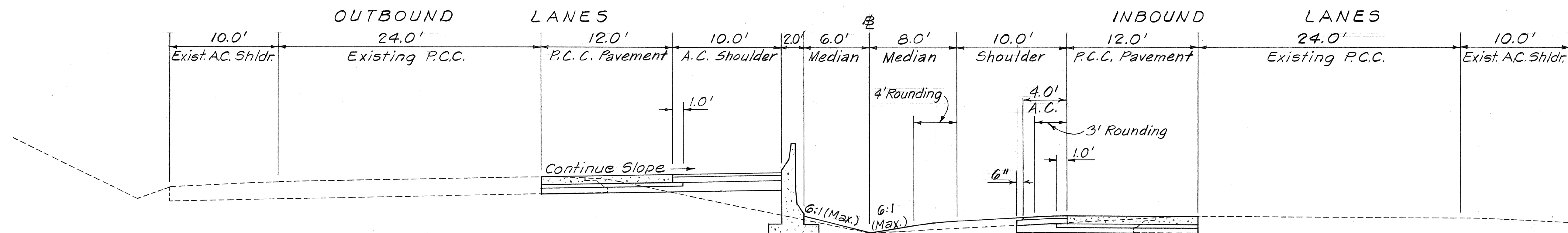
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	3	99



NORMAL TANGENT SECTION



NORMAL CURVE SECTION

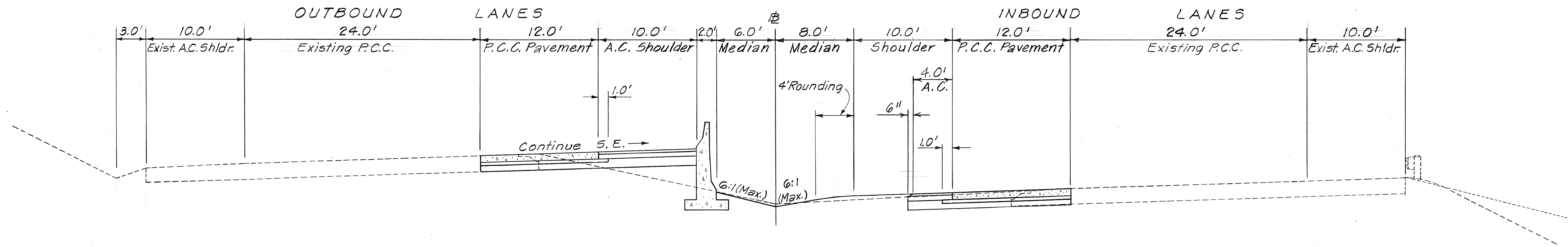


TANGENT SECTION WITH GRADE DIFFERENCE

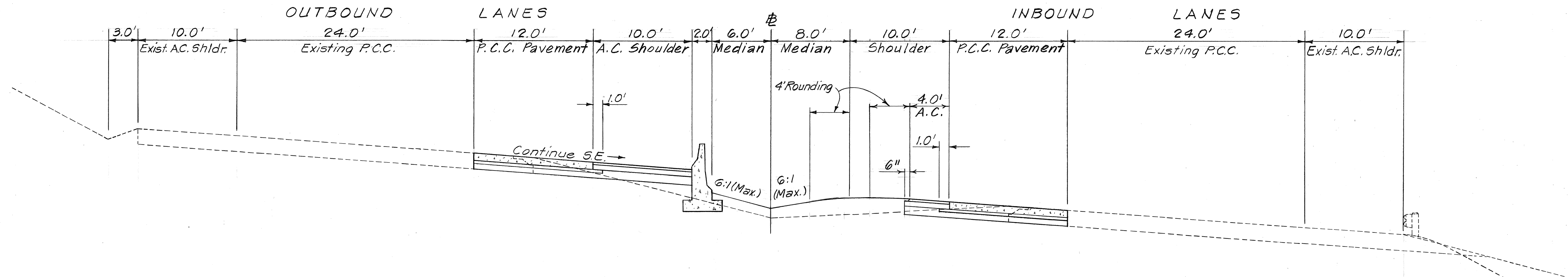
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
<u>TYPICAL ROADWAY SECTIONS</u>
<u>INTERSTATE ROUTE H-1</u>
<u>Palailai Interchange to Kunia Interchange</u>
<u>Construction of Additional Lanes</u>
<u>F.A.I. PROJ. No. IR-HI-1(189)</u>
Scale: 3/16"=1'-0' Date: July, 1985
SHEET No. 1 OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	4	99



CURVE LEFT WITH GRADE DIFFERENCE
Scale: 3/16" = 1'-0"



CURVE RIGHT WITH GRADE DIFFERENCE
Scale: 3/16" = 1'-0"

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

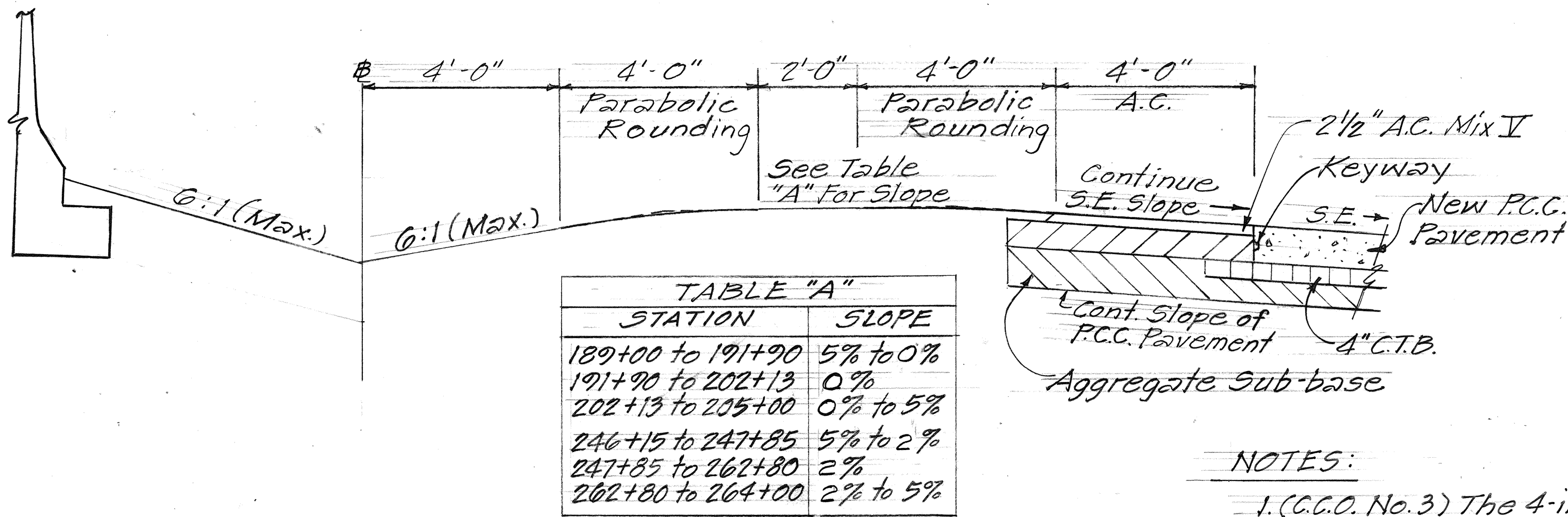
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL ROADWAY SECTIONS

INTERSTATE ROUTE H-1
Palailai Interchange to Kunia Interchange
Construction of Additional Lanes
F.A.I. PROJ. No IR-HI-1(189)
Scale: As Noted Date: July, 1985

SHEET No. 2 OF SHEETS

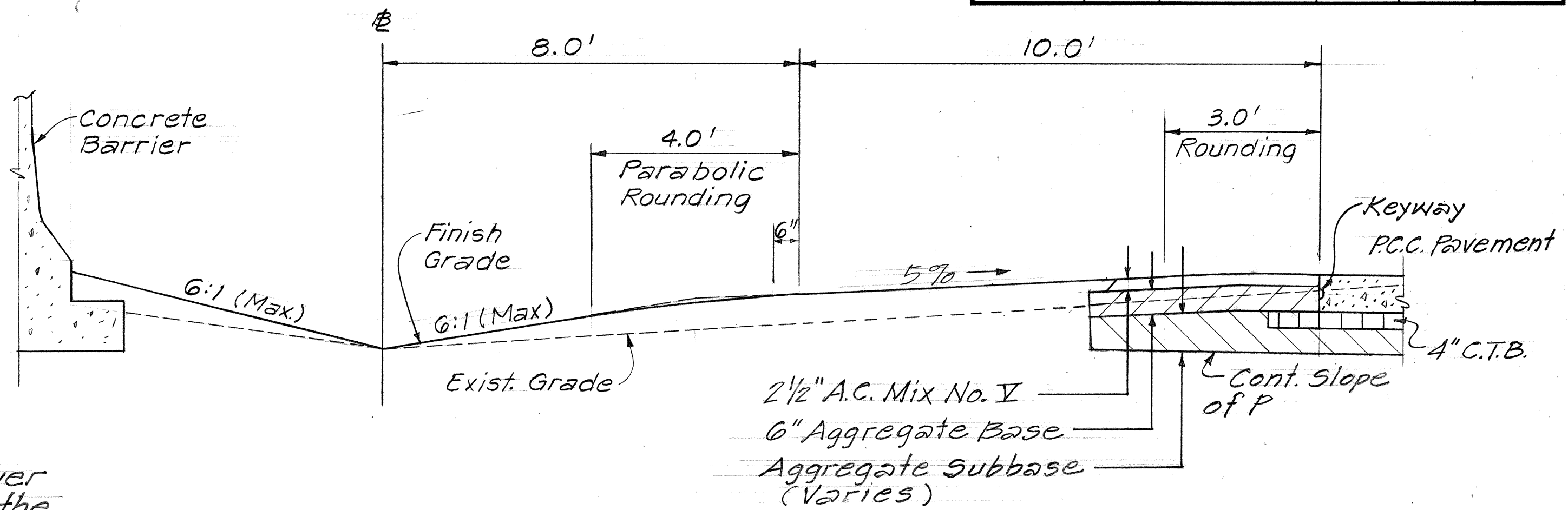
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	5	99



INBOUND SHOULDER & MEDIAN
(Sta. 189+00 to Sta. 205+00)
(Sta. 246+15 to Sta. 264+00)

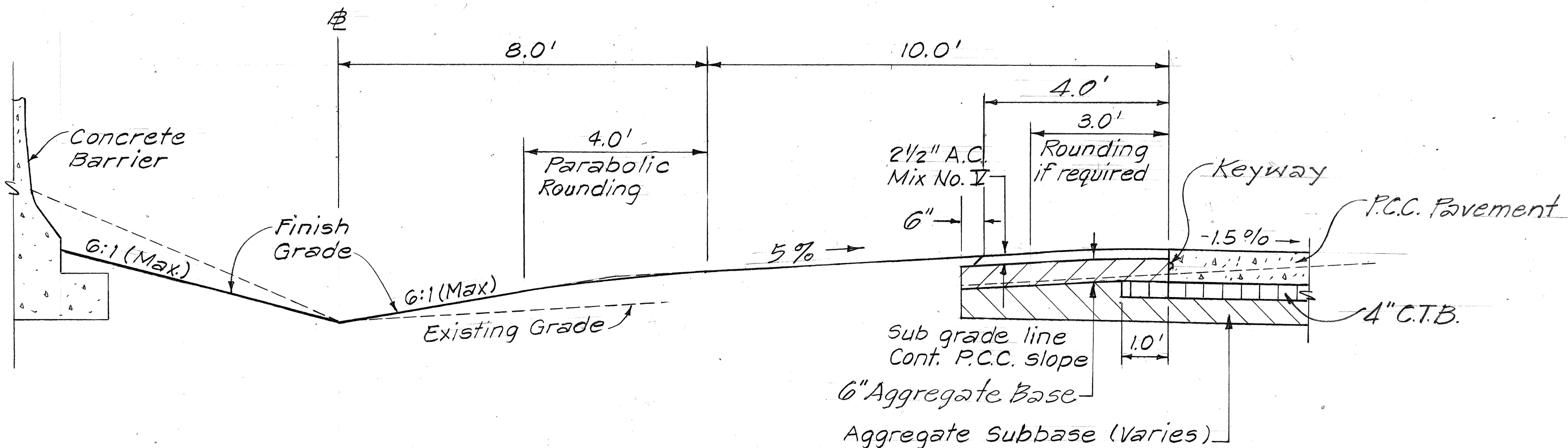
NOTES:

- (C.C.O. No. 3) The 4-inch C.T.B. layer is eliminated from under all of the New P.C.C. Pavement.
- (C.C.O. No. 3) In lieu of the C.T.B. layers the New P.C.C. Pavement thicknesses have been increased from 8 1/2-inches to 10-inches and from 7-inches to 10 1/2-inches.

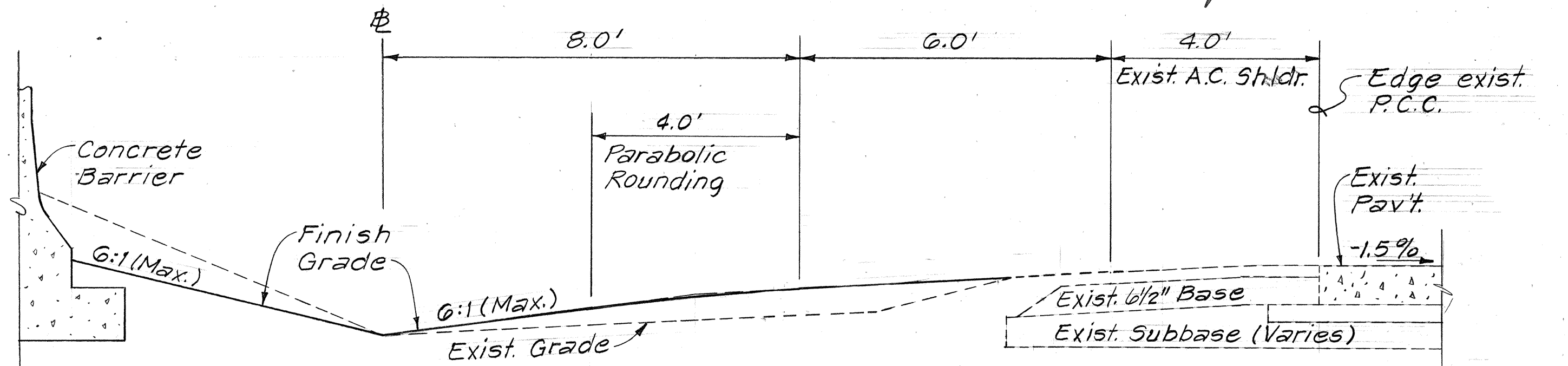


INBOUND SHOULDER & MEDIAN
(Sta. 71+00 to Sta. 187+00)
(Sta. 205+00 to Sta. 246+15)
(Sta. 264+00 to Sta. 283+00)

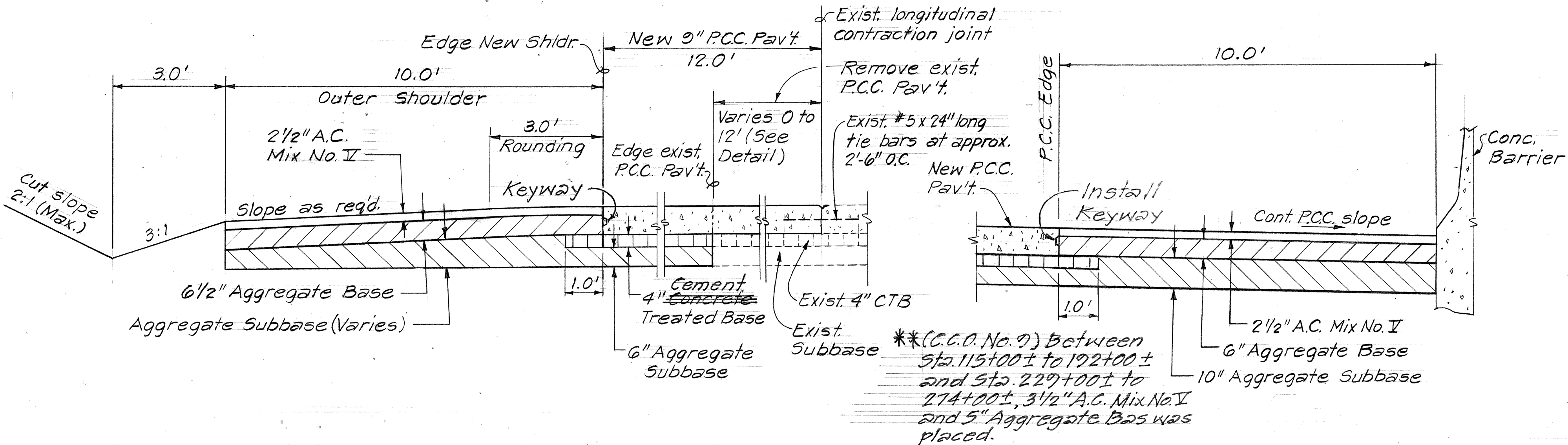
*(C.C.O. No. 9) Between Sta. 116+00± to 256+00±, 3 1/2" A.C. Mix No. V and 5" Aggregate Base was placed.



INBOUND SHOULDER & MEDIAN
(Sta. 283+00 to Sta. 317+00)

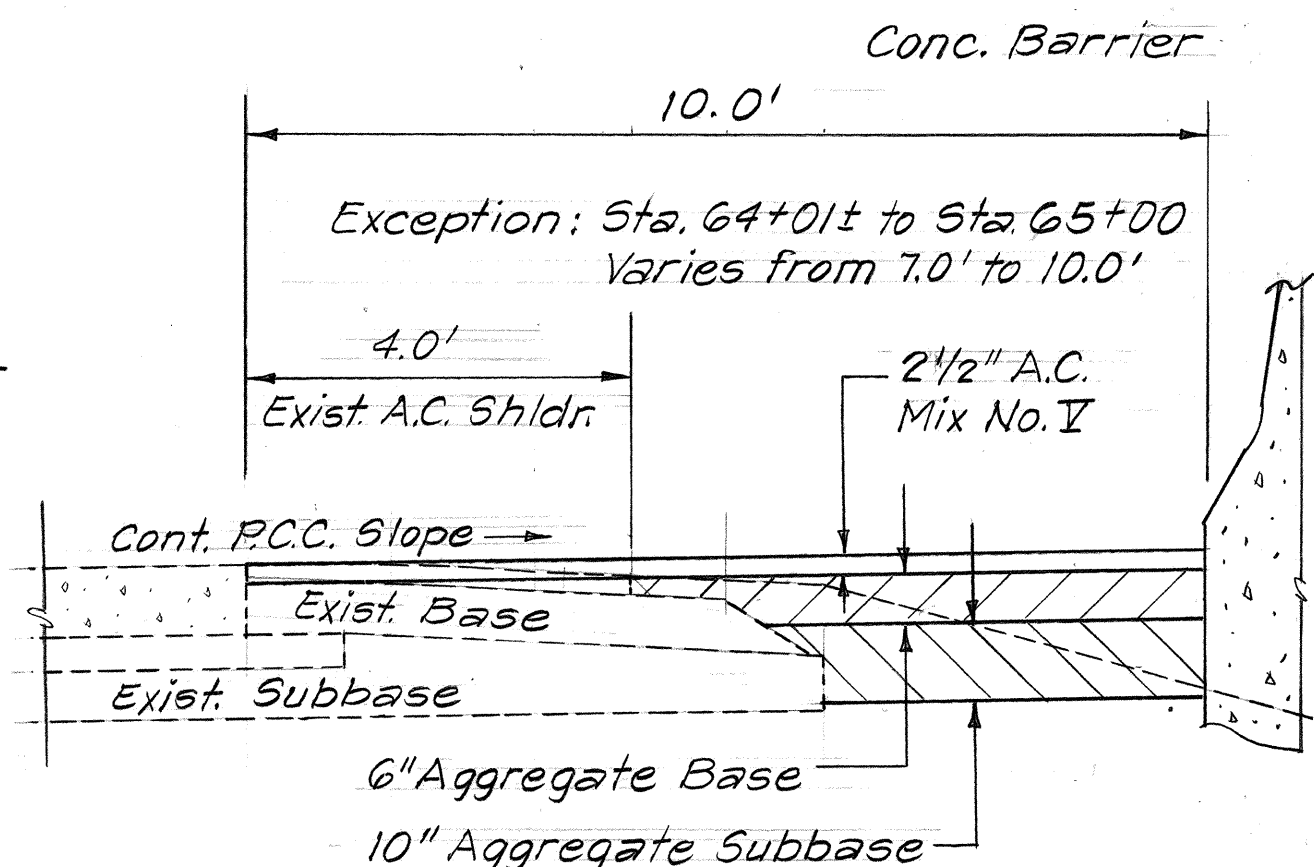


INBOUND SHOULDER & MEDIAN
(Sta. 317+00 to Sta. 324+10±)



OUTBOUND OUTER SHOULDER & PAVEMENT
(Sta. 68+00 to Sta. 83+00)

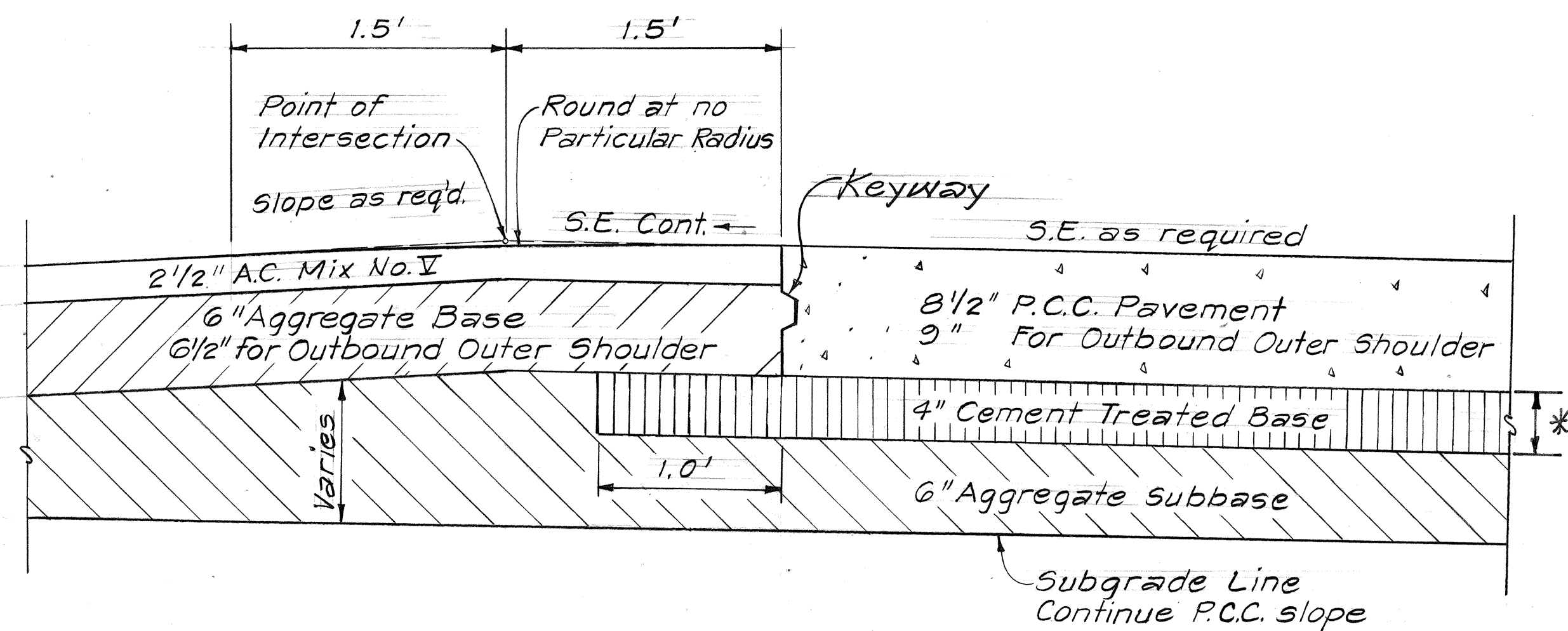
OUTBOUND MEDIAN SHOULDER
(Sta. 71+00 to Sta. 283+00)**



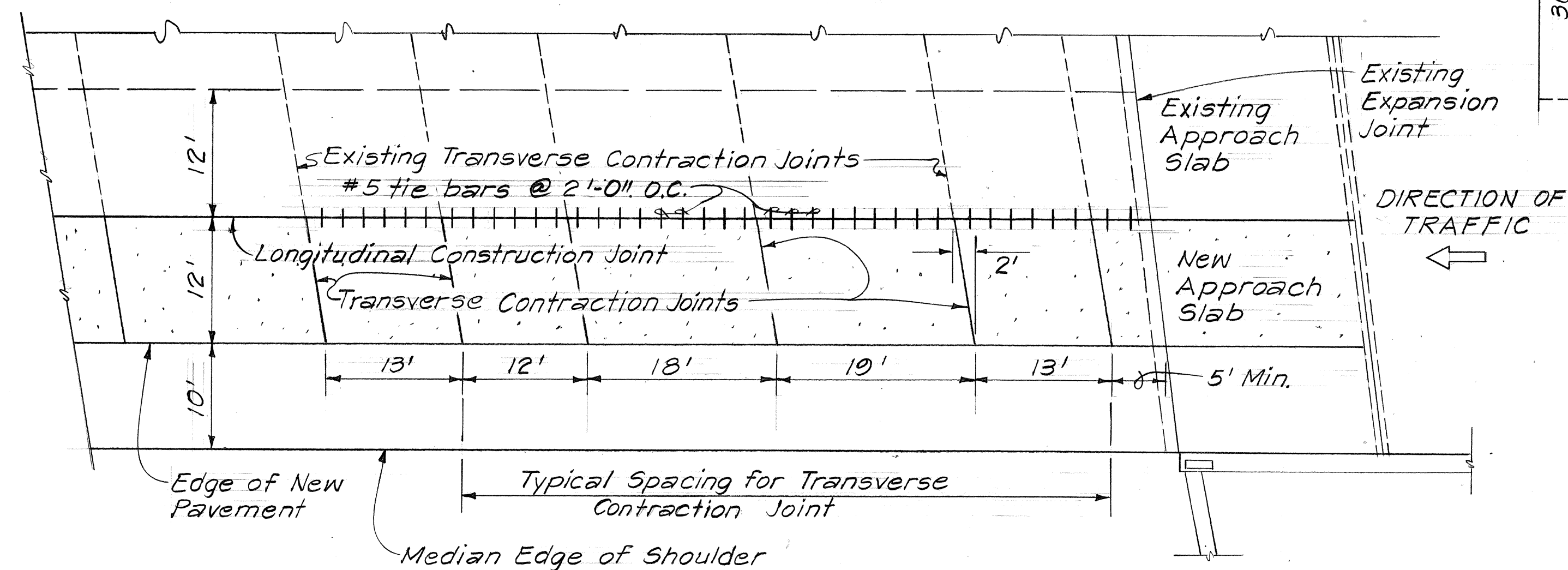
OUTBOUND MEDIAN SHOULDER
(Sta. 64+01± to Sta. 71+00)
(Sta. 283+00 to Sta. 324+10±)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL ROADWAY SECTIONS
INTERSTATE ROUTE H-1
Palailai Interchange to Kunia Interchange
Construction of Additional Lanes
F.A.I. PROJ. No. IR-HI-1(189)
Scale: 1/2"=1'-0" Date: July, 1985
SHEET NO. OF SHEETS

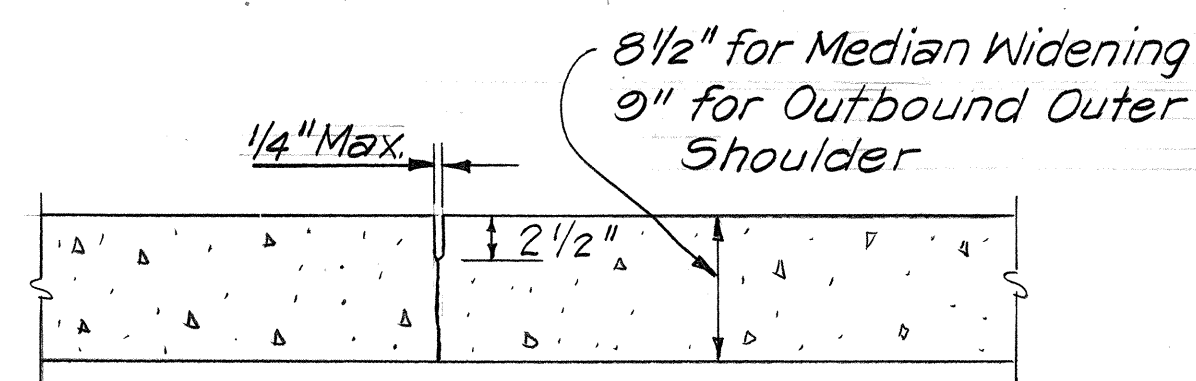
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	6	99



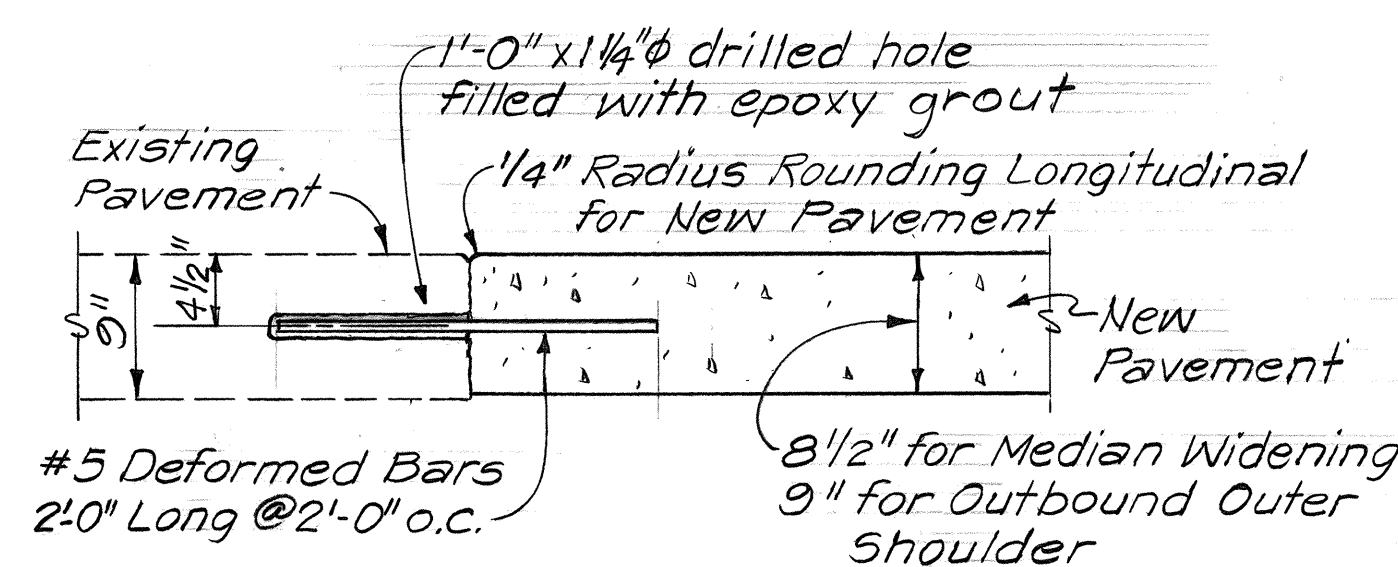
**SHOULDER ROUNDING DETAIL
AND
PAVEMENT DESIGN DETAIL**
Scale: 1 1/2" = 1'-0"



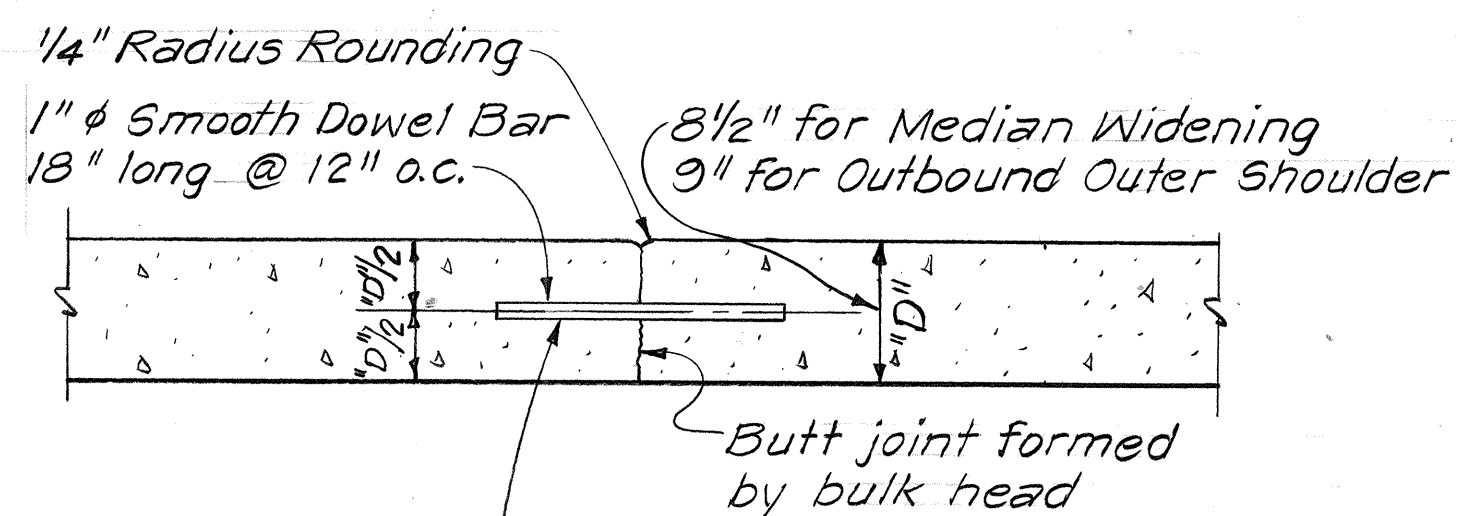
TYPICAL JOINT LOCATION & LAYOUT PLAN
Scale: 1" = 10'-0"



**SAWED JOINT
TRANSVERSE CONTRACTION JOINT**
Scale: 1" = 1'-0"

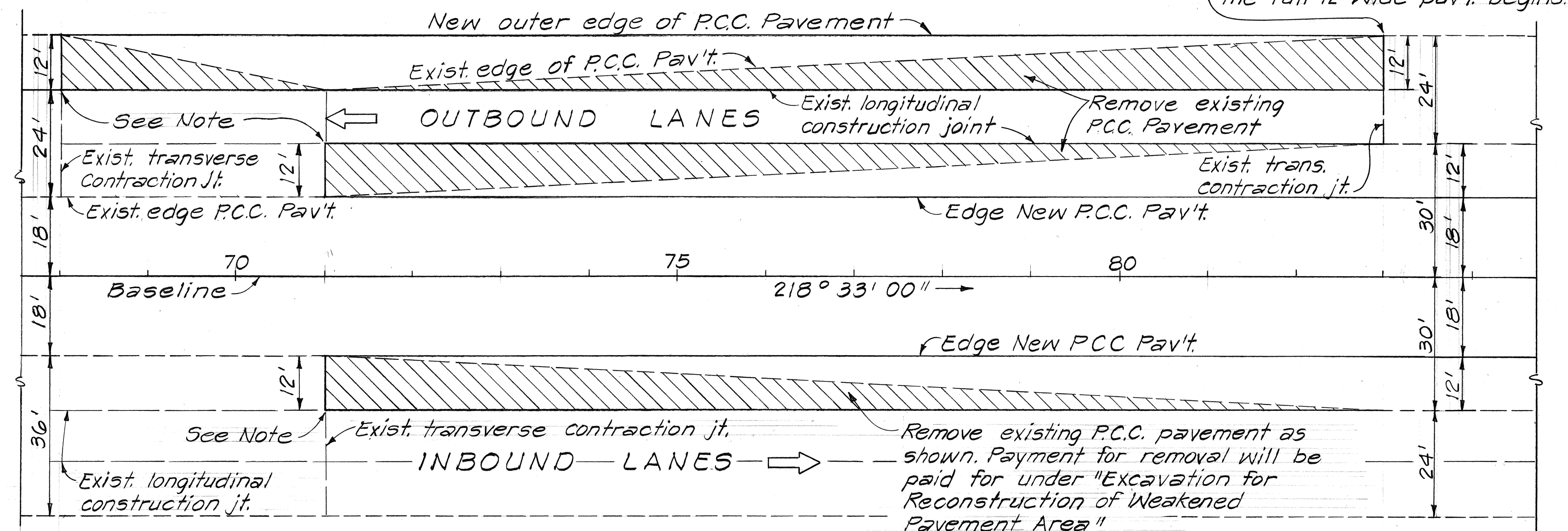


LONGITUDINAL CONSTRUCTION JOINT
Scale: 1" = 1'-0"

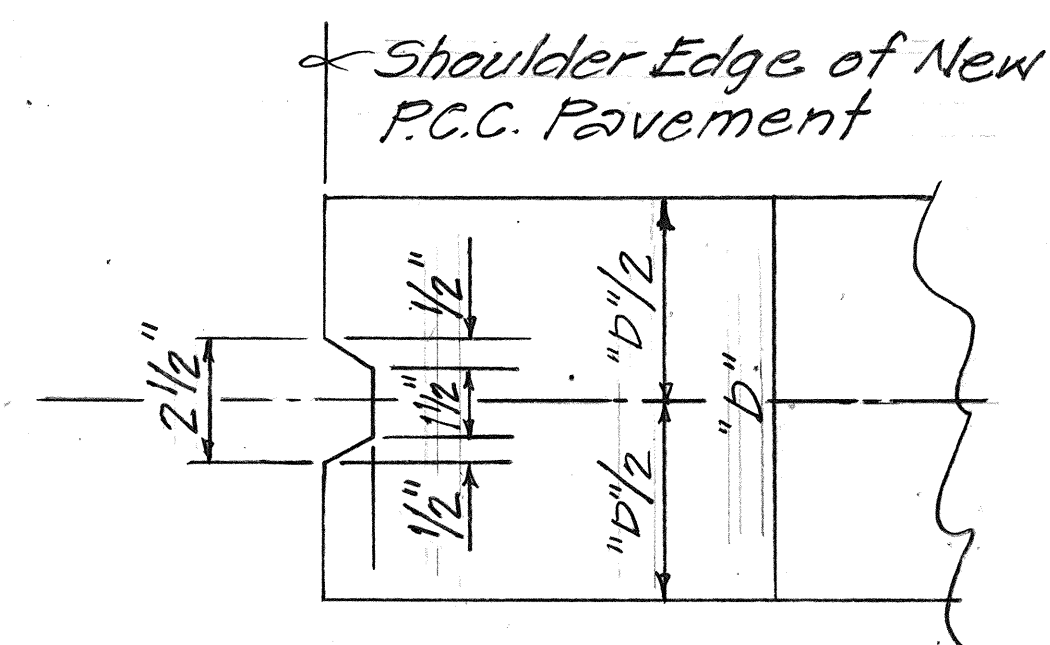


TRANSVERSE CONSTRUCTION JOINT
Scale: 1" = 1'-0"

NOTE
Remove existing P.C.C. from the transverse joint before the full 12' wide section ends.

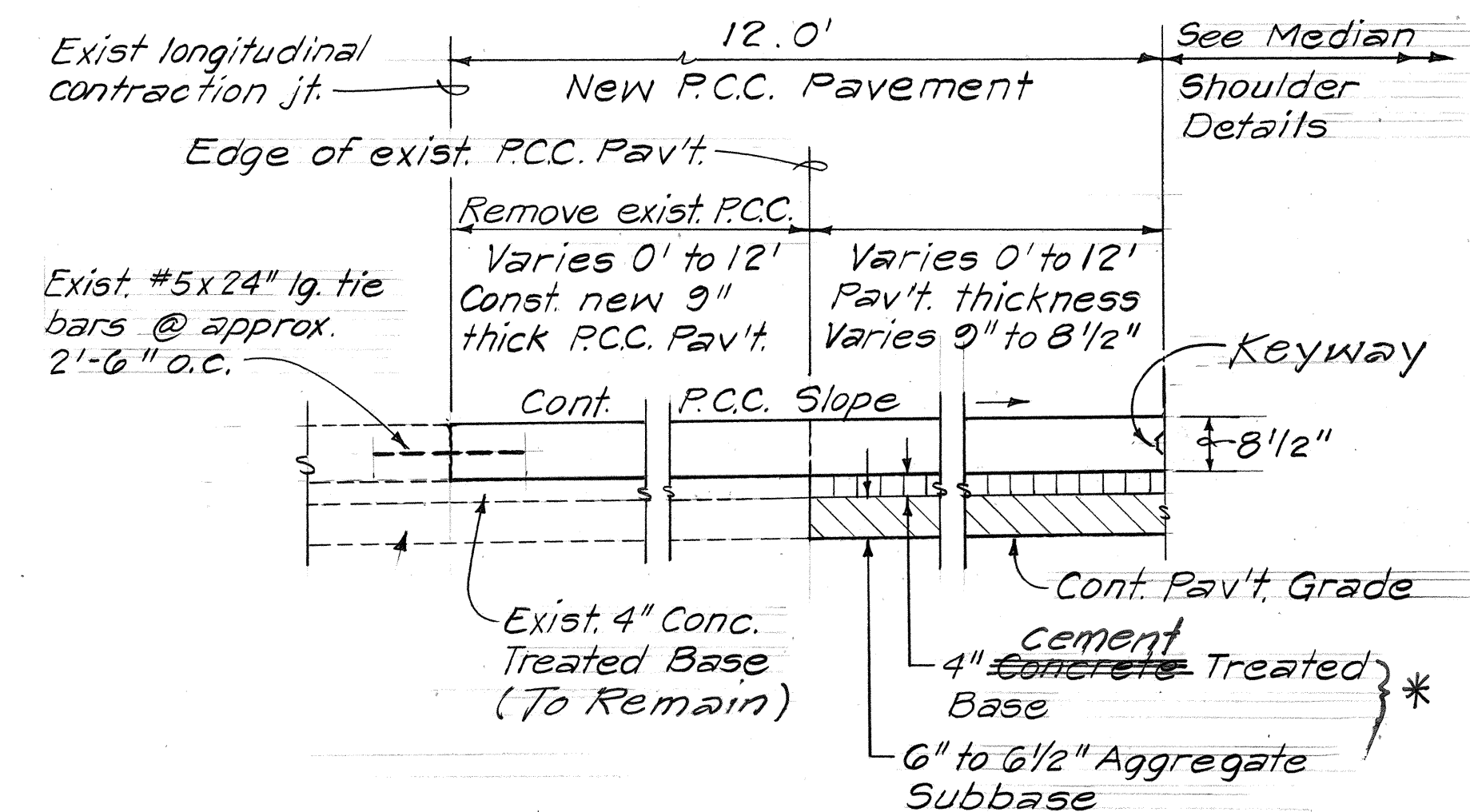


**PLAN
DETAIL OF P.C.C. PAVEMENT TRANSITION**
Sta. 68+00 to Sta. 83+00
Not to Scale



KEYWAY DETAIL
Scale: 3" = 1'-0"

* (C.C.O. No. 3) See Notes 1 and 2
Added on Sheet No. 5.



PAVEMENT DESIGN
(Sta. 71+00 to Sta. 83+00)
Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL ROADWAY DETAILS

INTERSTATE ROUTE H-1
Palakiai Interchange to Kunia Interchange
Construction of Additional Lanes
F.A.I. PROJ. No. IR-HI-1(189)
Scale: As Noted Date: July, 1985
SHEET No. OF SHEETS