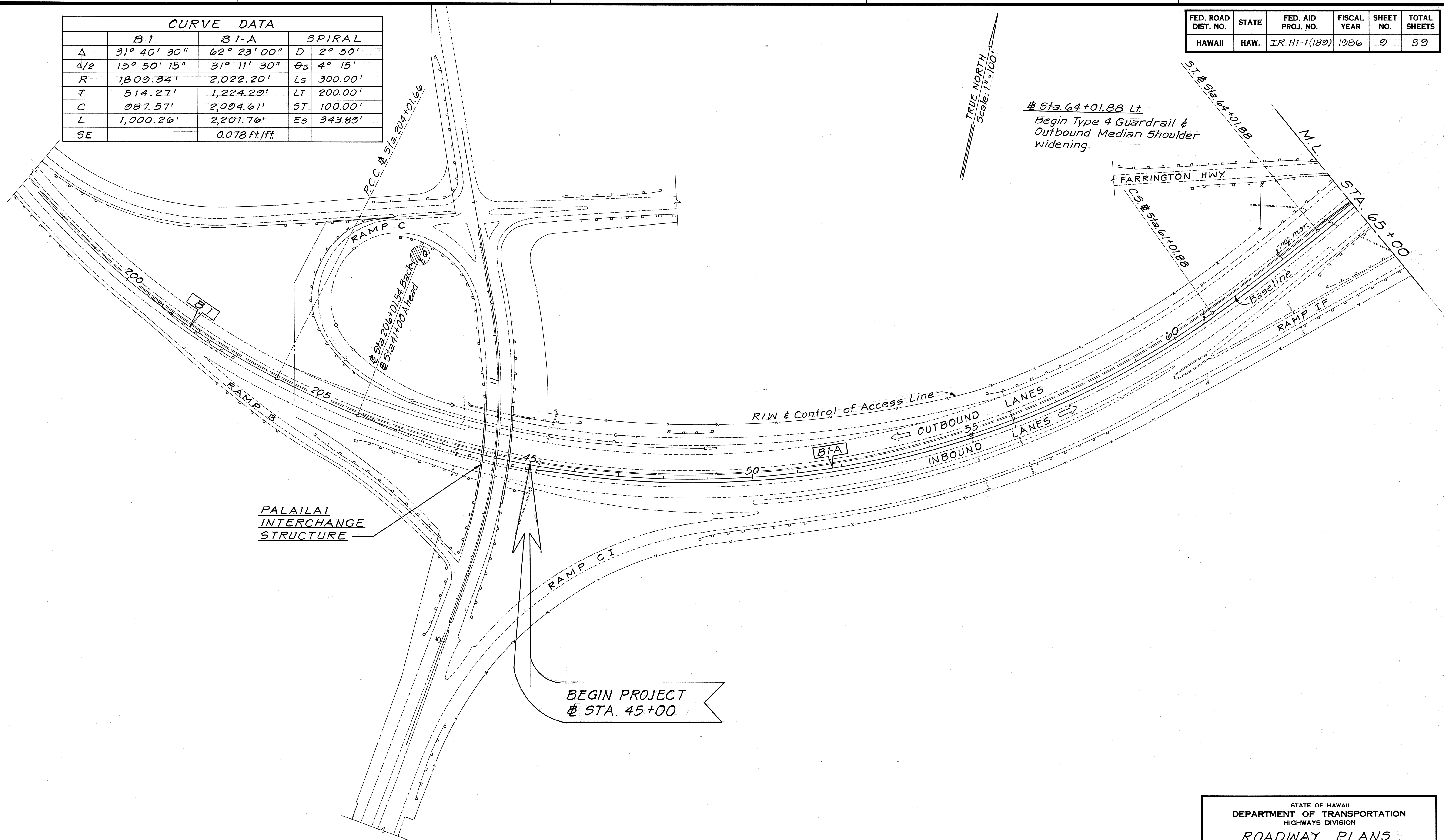


CURVE DATA				
	B1	B1-A	SPIRAL	
Δ	31° 40' 30"	62° 23' 00"	D	2° 50'
$\Delta/2$	15° 50' 15"	31° 11' 30"	θ_s	4° 15'
R	1,809.34'	2,022.20'	Ls	300.00'
T	514.27'	1,224.20'	LT	200.00'
C	987.57'	2,094.61'	ST	100.00'
L	1,000.26'	2,201.76'	Es	343.89'
SE		0.078 ft./ft.		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	9	99



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-1
Palailai Interchange to Kunia Interchange
Construction of Additional Lanes

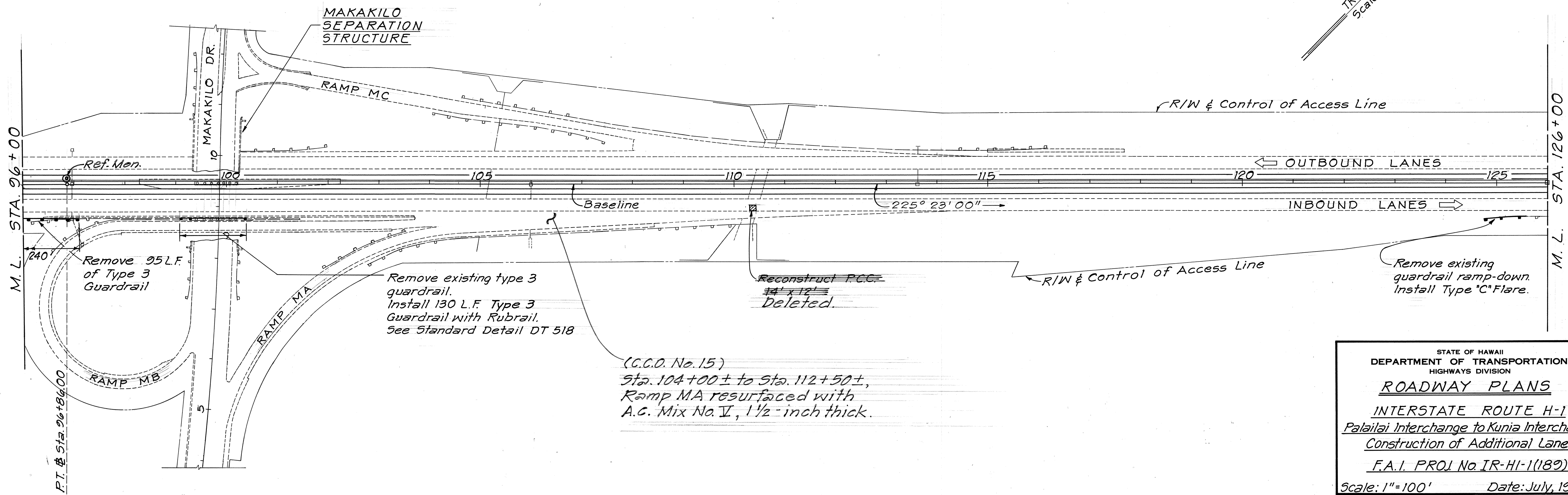
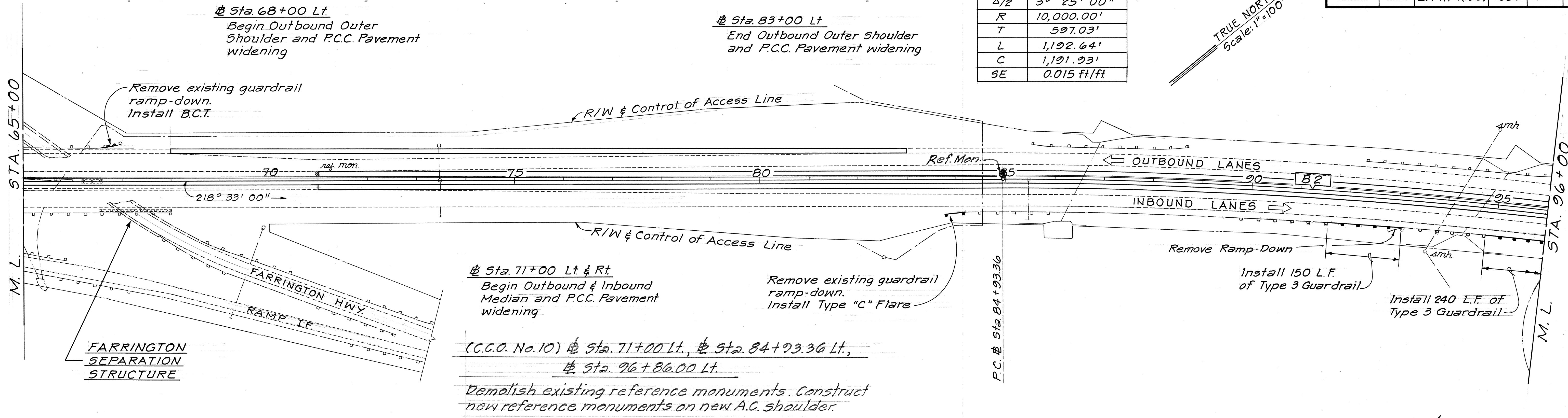
F.A.I. PROJ. No IR-HI-1(189)

Scale: 1"=100' Date: July, 1985

SHEET No. 1 OF 6 SHEETS

CURVE DATA B2	
Δ	6° 50' 00"
$\Delta/2$	3° 25' 00"
R	10,000.00'
T	597.03'
L	1,192.64'
C	1,191.93'
SE	0.015 ft/ft

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	10	39



SURVEY PLOTTED BY	DATE
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CHECKED BY	
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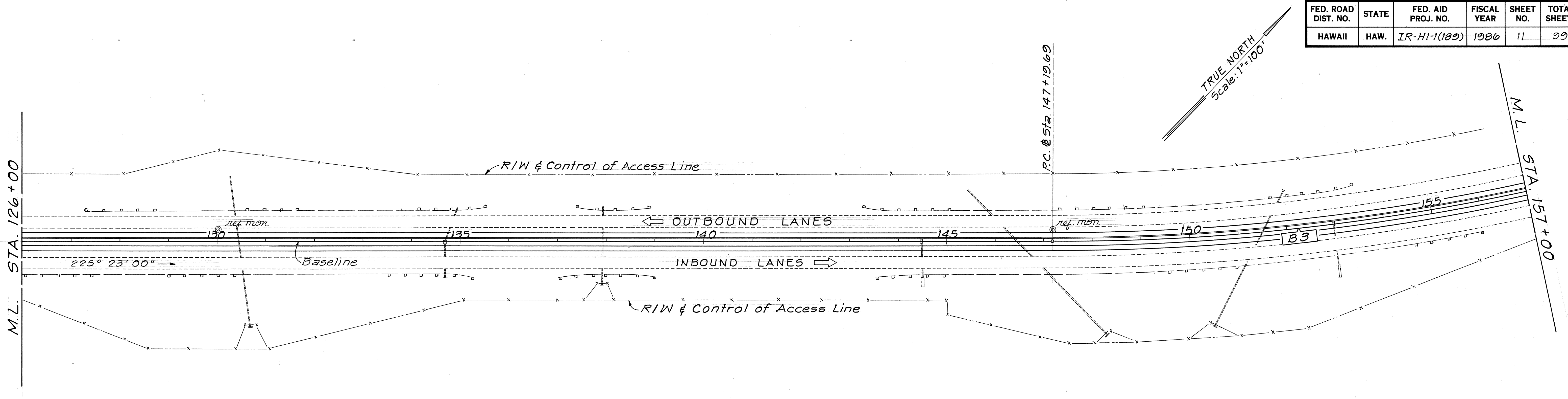
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

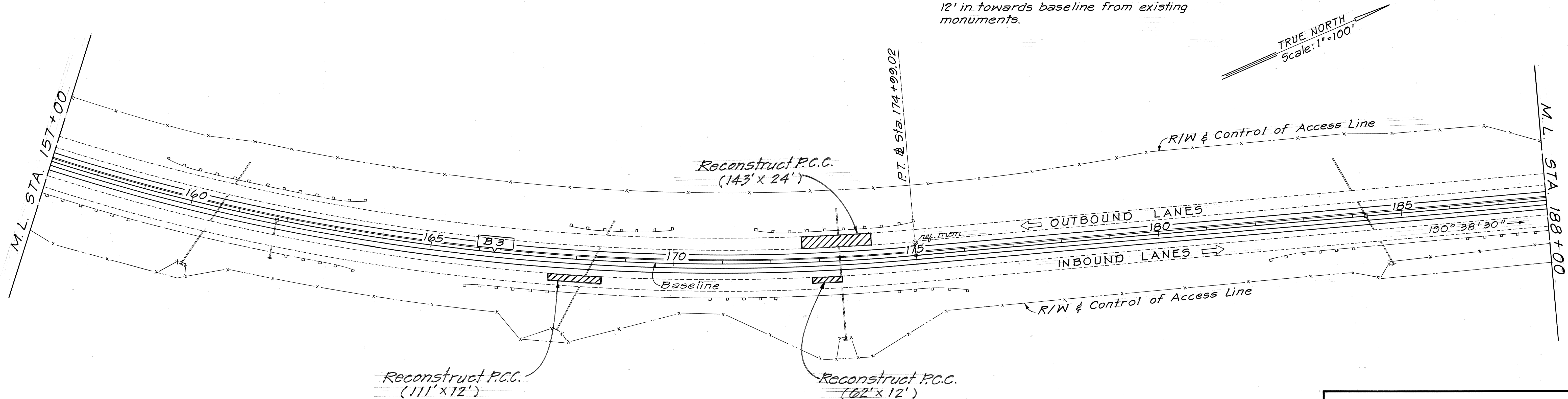
INTERSTATE ROUTE H-1
Palailai Interchange to Kunia Interchange
Construction of Additional Lanes
F.A.I. PROJ. No. IR-HI-1(189)

Scale: 1"=100' Date: July, 1985
SHEET No. 2 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	11	22



@ Sta. 130+00 Lt. @ Sta. 147+19.69 Lt. and
 @ Sta. 174+99.02 Lt.
 Demolish existing reference monuments.
 Construct new reference monuments
 12' in towards baseline from existing
 monuments.



CURVE DATA B3	
Δ	34° 44' 30"
$\Delta/2$	17° 22' 15"
R	4,583.66'
T	1,433.87'
L	2,779.33'
C	2,736.95'
SE	0.035 ft./ft.

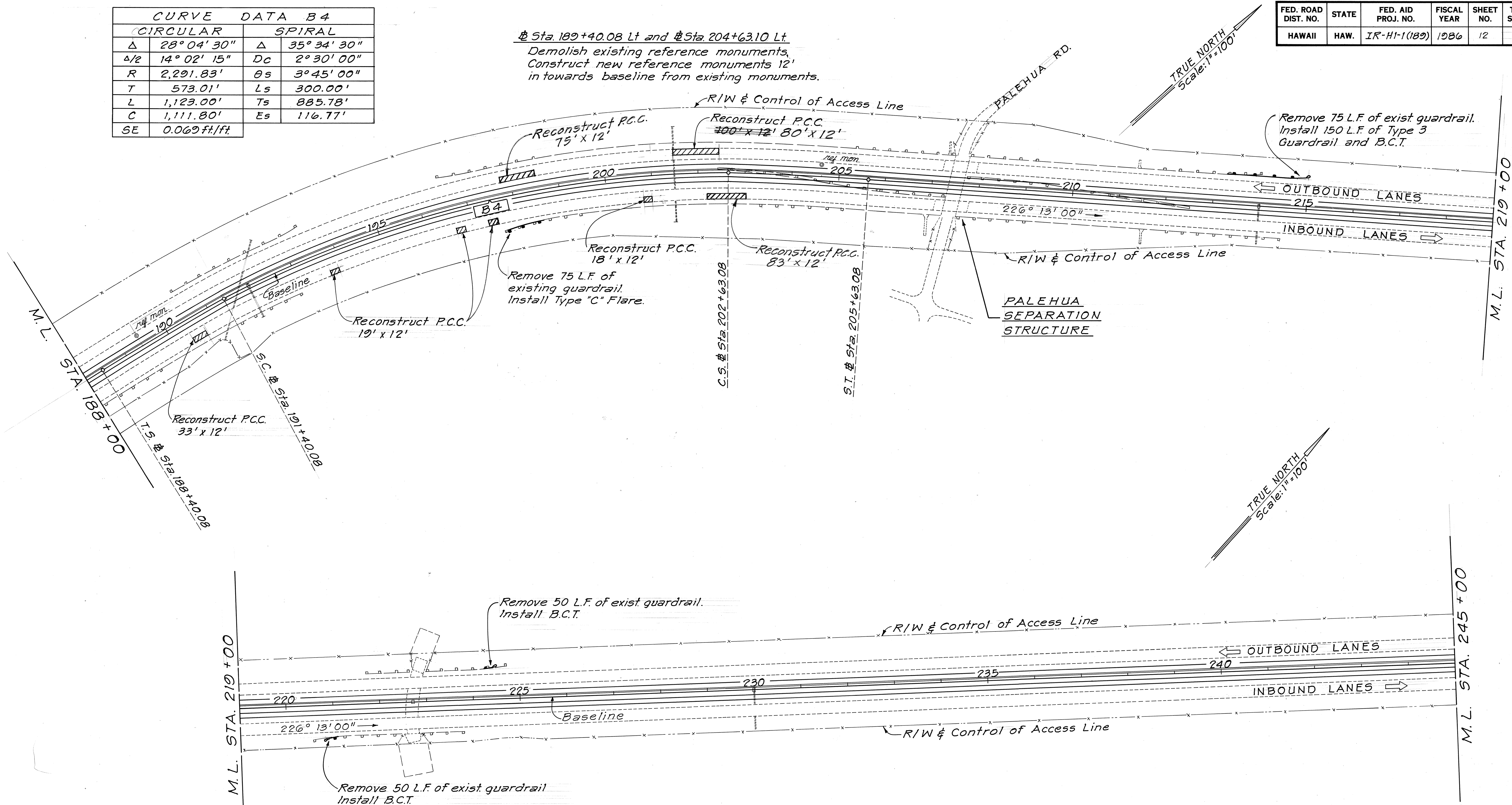
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLANS
 INTERSTATE ROUTE H-1
 Palailai Interchange to Kunia Interchange
 Construction of Additional Lanes
 F.A.I. PROJ. No. IR-HI-1(189)
 Scale: 1"=100' Date: July, 1985
 SHEET NO. 3 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
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CHECKED BY	
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NOTE BOOK	
No.	

CURVE DATA B4			
CIRCULAR		SPIRAL	
Δ	28° 04' 30"	Δ	35° 34' 30"
Δ/2	14° 02' 15"	Dc	2° 30' 00"
R	2,291.83'	θs	3° 45' 00"
T	573.01'	Ls	300.00'
L	1,123.00'	Ts	885.78'
C	1,111.80'	Es	116.77'
SE	0.069 ft/ft		

Sta. 189+40.08 Lt and Sta. 204+63.10 Lt
Demolish existing reference monuments,
Construct new reference monuments 12'
in towards baseline from existing monuments.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	12	99



SURVEY PLOTTED BY	DATE
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CHECKED BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-1
Palailai Interchange to Kunia Interchange
Construction of Additional Lanes

F.A.I. PROJ. No. IR-HI-1(189)

Scale: 1"=100' Date: July, 1985

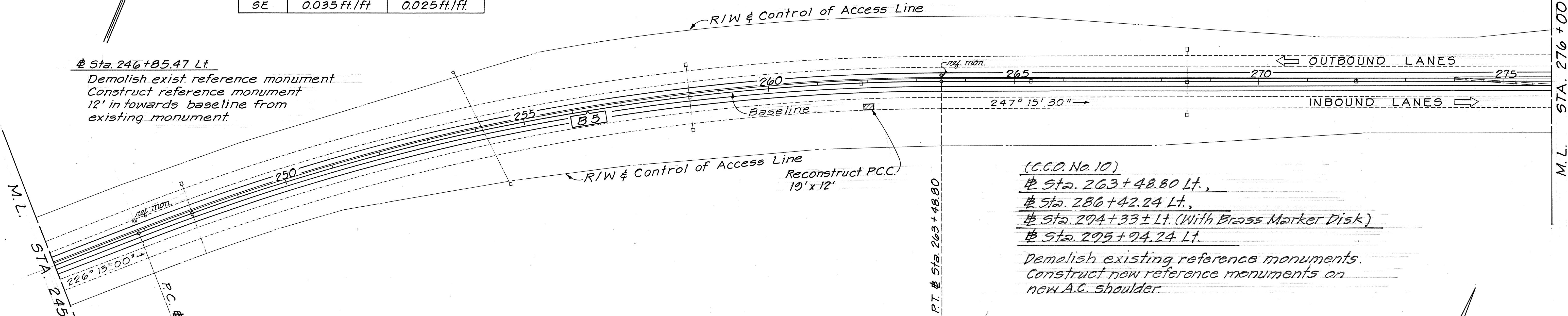
SHEET No. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	13	99

CURVE DATA		
	B5	B6
Δ	21° 02' 30"	8° 23' 30"
$\Delta/2$	10° 31' 15"	4° 11' 45"
R	4,583.66'	6,500.00'
T	851.26'	476.85'
L	1,683.33'	952.00'
C	1,673.89'	951.15'
SE	0.035 ft./ft.	0.025 ft./ft.

TRUE NORTH
Scale: 1"=100'

Sta. 246+85.47 Lt.
Demolish exist reference monument
Construct reference monument
12' in towards baseline from
existing monument.



(C.C.O. No. 10)
Sta. 263+48.80 Lt.,
Sta. 286+42.24 Lt.,
Sta. 294+33± Lt. (With Brass Marker Disk)
Sta. 295+94.24 Lt.
Demolish existing reference monuments.
Construct new reference monuments on
new A.C. shoulder.

TRUE NORTH
Scale: 1"=100'

Sta. 283+00 to # Sta. 295+00 Median
Scarify existing A.C. Taper from
top of existing P.C.C. Pavement.

Sta. 283+00 Lt.
End Outbound Median
P.C.C. Pav't Widening

HONOULULU
STREAM
BRIDGE

Remove 50 L.F. of
existing guardrail.
Install B.C.T.

Sta. 287+75
Adjust Oahu Sugar Company's
Facilities. See Details
(C.C.O. No. 23)
Work Deleted

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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ROADWAY PLANS

INTERSTATE ROUTE H-1
Palailai Interchange to Kunia Interchange
Construction of Additional Lanes

F.A.I. PROJ. No. IR-HI-1(189)

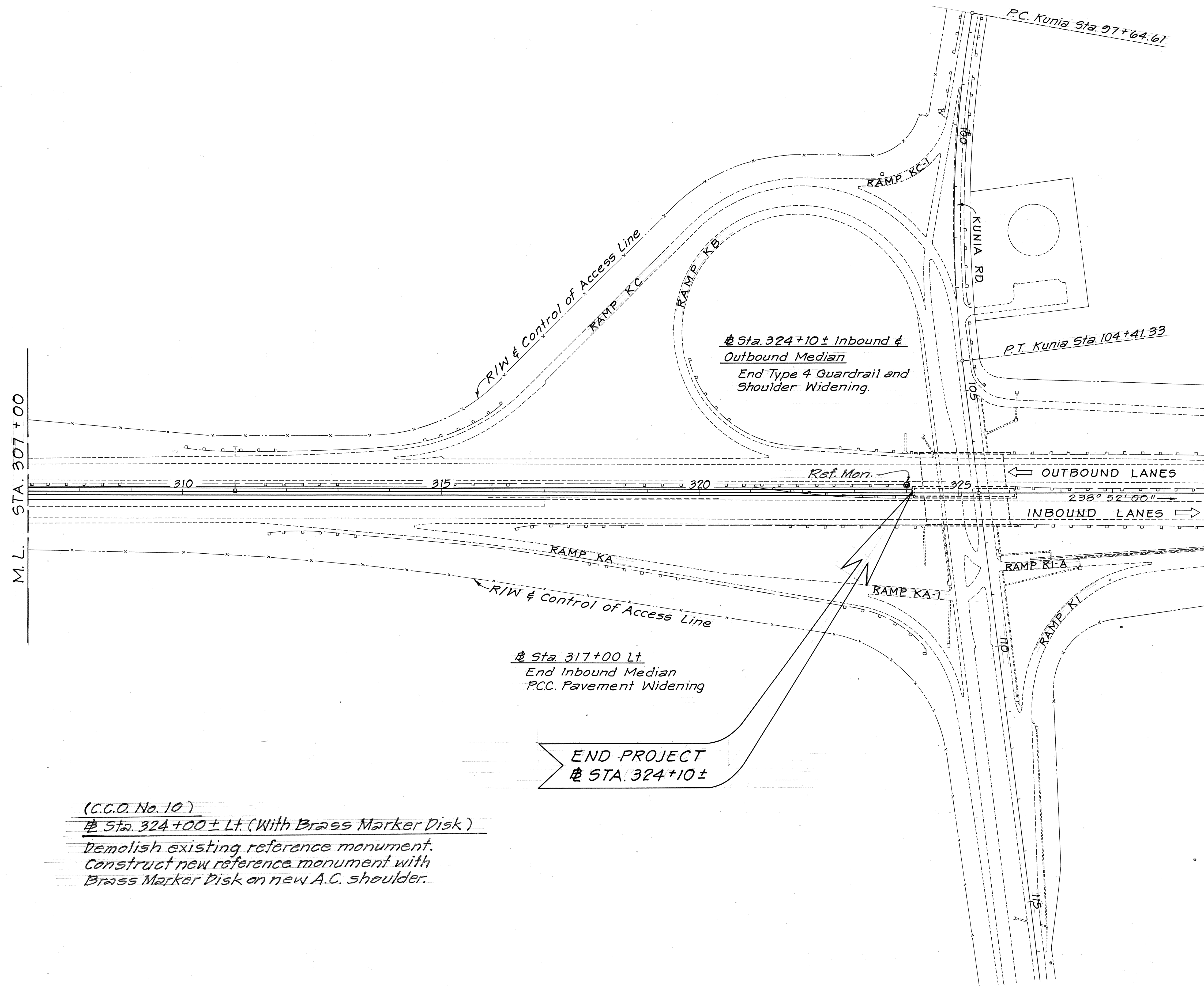
Scale: 1"=100' Date: July, 1985

SHEET No. 5 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
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ORIGINAL PLAN	
NOTE BOOK	
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(189)	1986	14	99

TRUE NORTH
Scale: 1"=100'



(C.C.O. No. 10)
 @ Sta. 324+00 ± Lt. (With Brass Marker Disk)
 Demolish existing reference monument.
 Construct new reference monument with
 Brass Marker Disk on new A.C. shoulder.

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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-1
 Palailai Interchange to Kunia Interchange
 Construction of Additional Lanes

F.A.I. PROJ. No. IR-HI-1(189)
 Scale: 1"=100' Date: July, 1985
 SHEET No. 6 OF 6 SHEETS