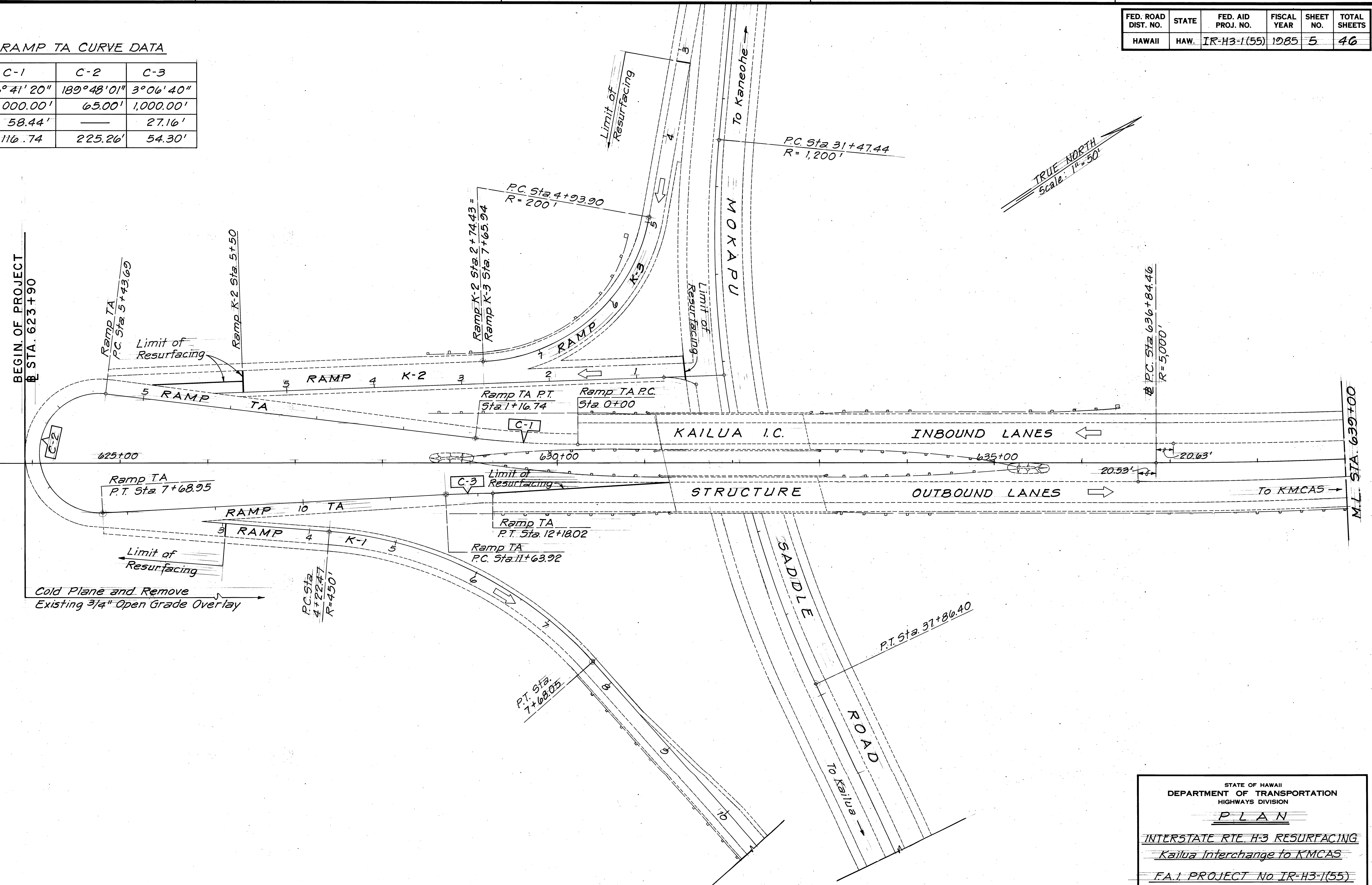


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H3-1(55)	1985	5	46

RAMP TA CURVE DATA

	C-1	C-2	C-3
Δ	6°41'20"	189°48'01"	3°06'40"
R	1,000.00'	65.00'	1,000.00'
T	58.44'	—	27.16'
L	116.74	225.26'	54.30'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

INTERSTATE RTE. H-3 RESURFACING
Kailua Interchange to KMCAS
FA.1 PROJECT No IR-H3-1(55)

Scale: As Noted Date: April, 1985

SHEET NO. 1 OF 6 SHEETS

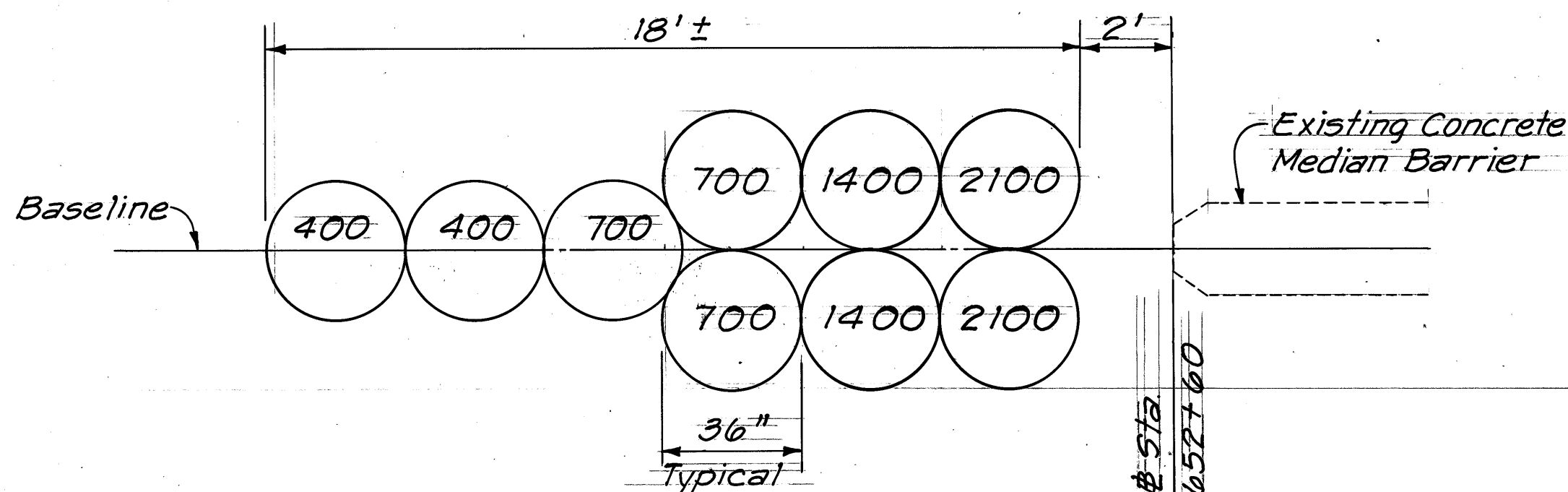
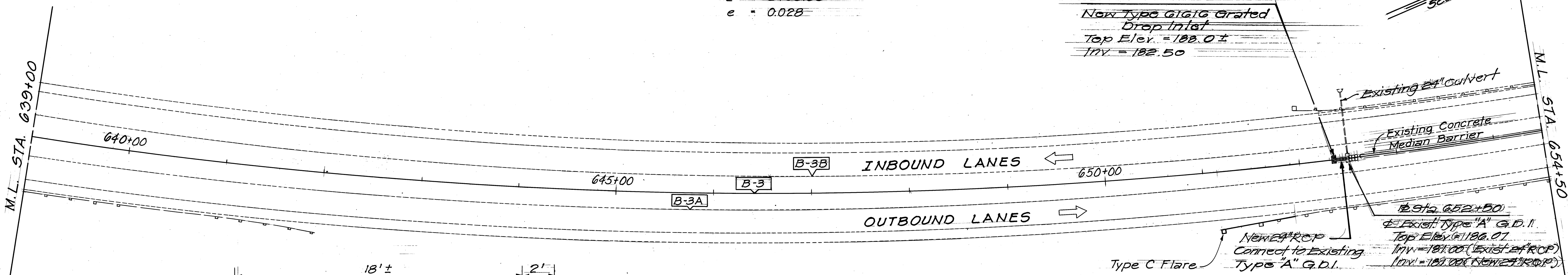
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H3-1(55)	1985	6	46

CURVE DATA

$\Delta = 27^\circ 34' 00''$
 $R = 5,000'$
 $T = 1226.58'$
 $L = 2405.65'$
 $e = 0.028$

Sta 652+50
 Install Inertial Barrier
 See detail this sheet.

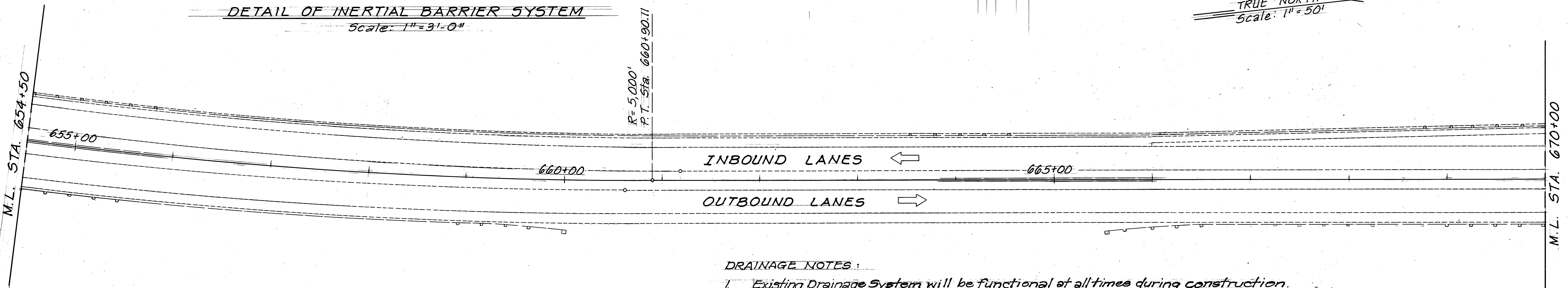
Sta 652+36
 New Type G1G1G Grated
 Drop Inlet
 Top Elev. = 182.0 ±
 Inv. = 182.50



Sta 652+36
 Construct: Type G1G1G G.D.I.
 (For details, see Plan sheet no. 12)
 Install 24" RCP

Estimated Quantities
 Struc. Exc. 26 C.Y.
 Class A Conc. 5 C.Y.
 24" RCP Class III 12 L.F.
 Reinforcing Steel 650 Lbs.
 Type G1G1G Steel
 Frame & Grates 1 Ea.

Sta 651+15 to # Sta 651+90 ± R.I.
 Remove existing guardrail ramp end
 and install new guardrail, Type 3
 Single with Steel Posts
 New Guardraile 75 lin. ft.
 Removal of ramp end incidental to
 Guardrail, Type 3.



DRAINAGE NOTES:

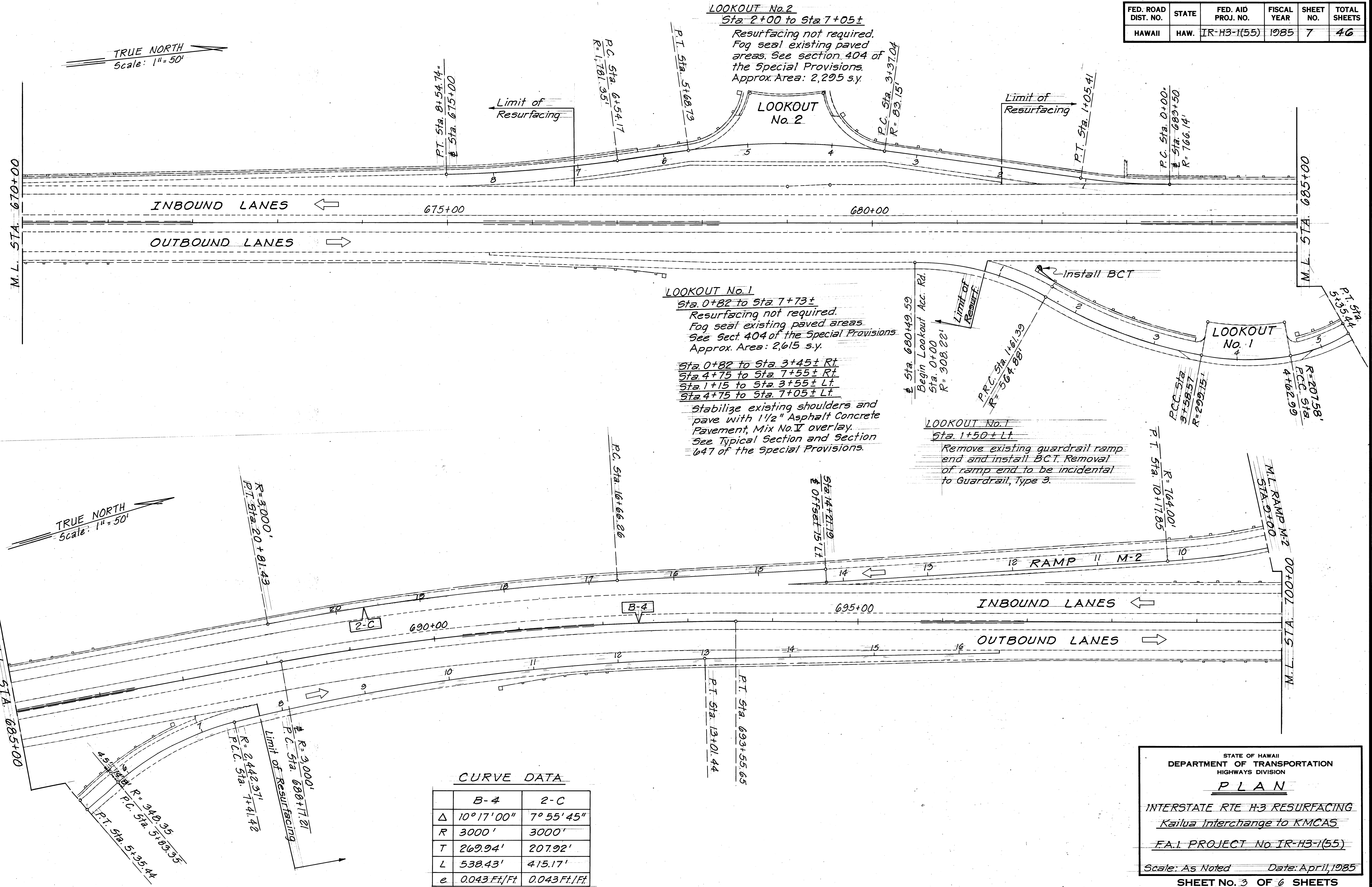
- Existing Drainage System will be functional at all times during construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be incidental to the various contract items.
- Connection of New 24" RCP, Class III to existing type "A" G.D.I. is incidental to 24" RCP Class III and will not be paid for separately.
- Contractor to verify invert of existing type "A" G.D.I. prior to installation of 24" RCP Class III.

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PLAN
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 Scale: As Noted Date: April, 1985
 SHEET No. 2 OF 6 SHEETS

6

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H3-1(55)	1985	7	46



	B-4	2-C
Δ	10° 17' 00"	7° 55' 45"
R	3000'	3000'
T	269.94'	207.92'
L	538.43'	415.17'
e	0.043 Ft./Ft.	0.043 Ft./Ft.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

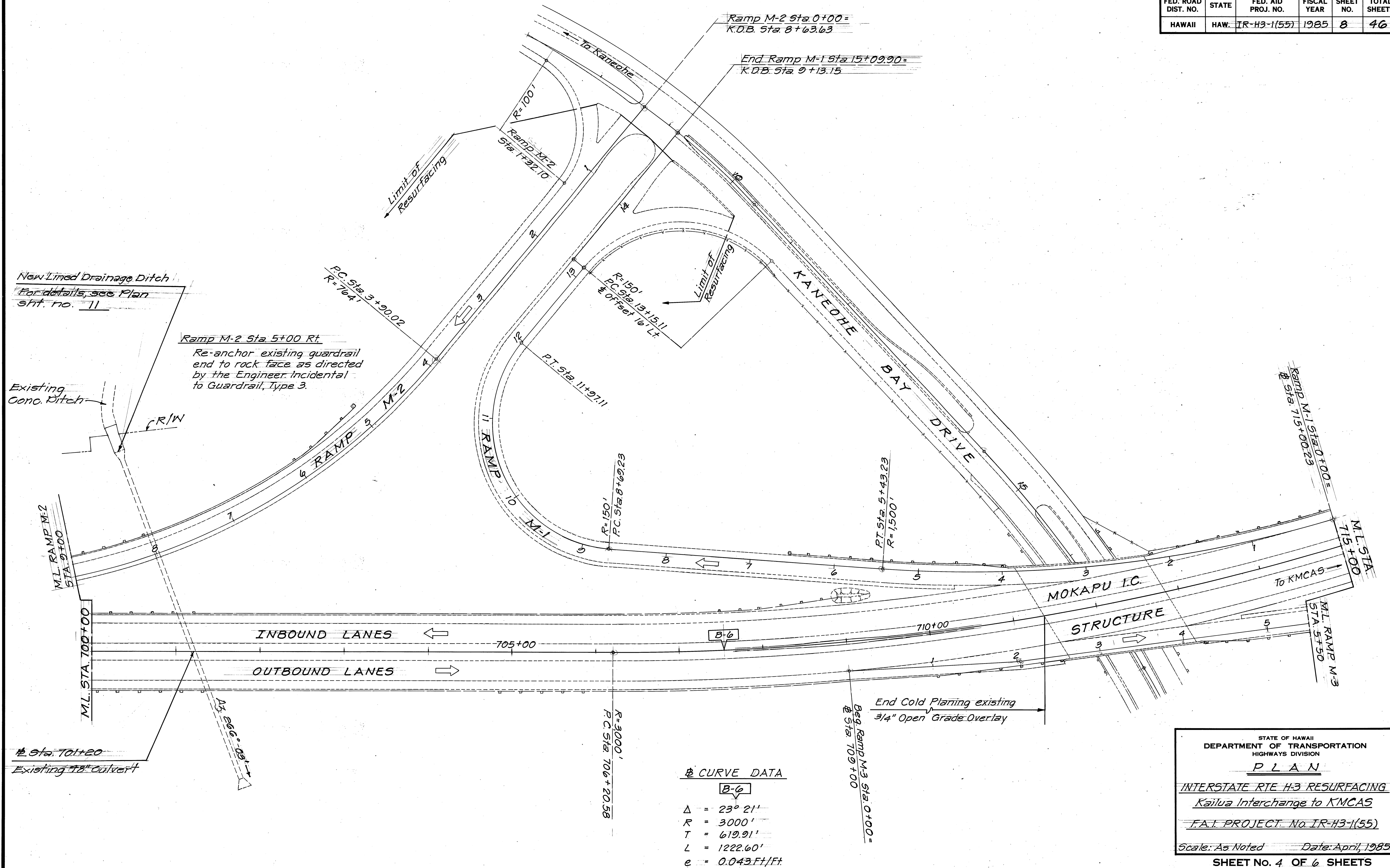
PLAN

INTERSTATE RTE H-3 RESURFACING
Kailua Interchange to KMCAS
F.A.I. PROJECT No. IR-H3-1(55)

Scale: As Noted Date: April, 1985

SHEET NO. 3 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H3-1(55)	1985	8	46



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

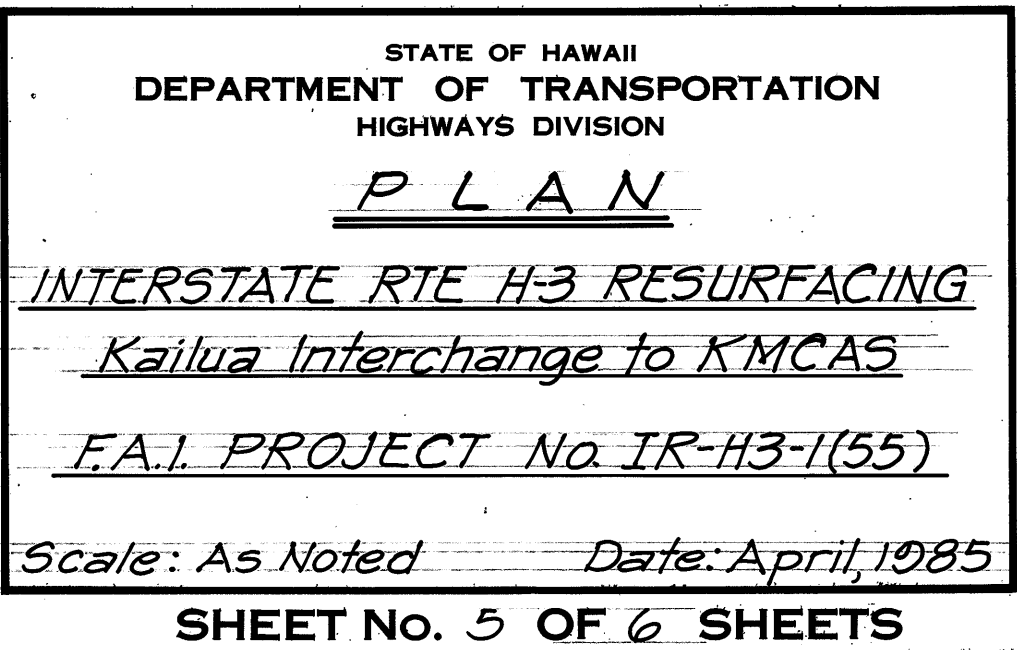
PLAN

INTERSTATE RTE H-3 RESURFACING
Kailua Interchange to KMCAS
F.A.I. PROJECT No. IR-H3-1(55)

Scale: As Noted Date: April, 1985

SHEET NO. 4 OF 6 SHEETS

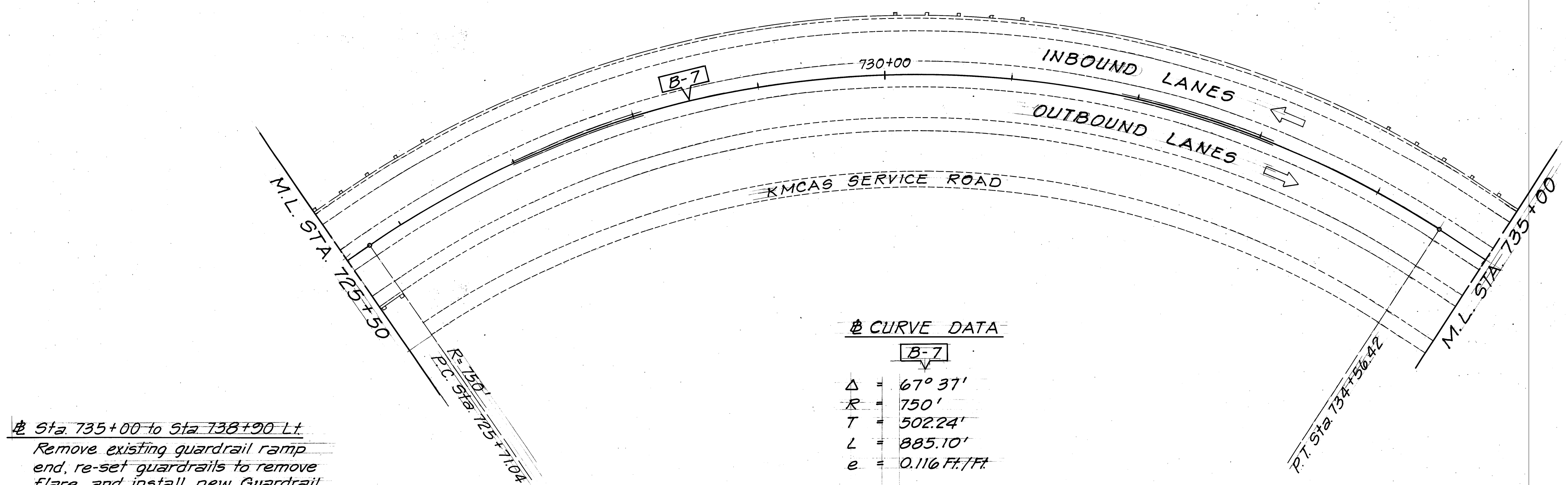
ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
No. _____	CHECKED BY _____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H3-1(55)	1985	10	46

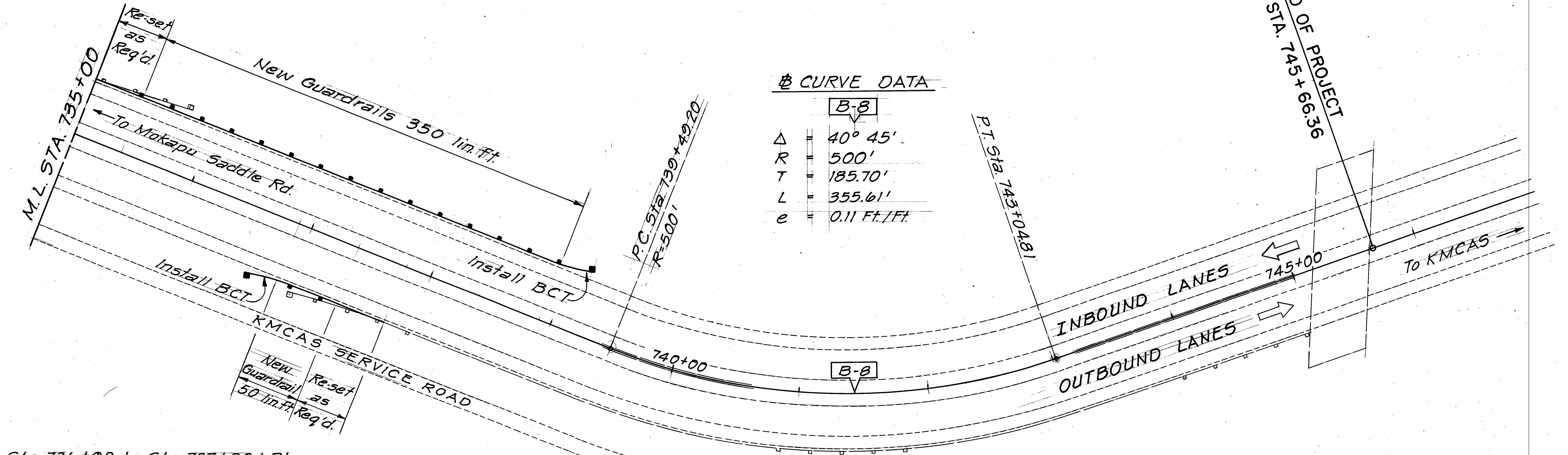
TRUE NORTH
Scale: 1"=50'

TRUE NORTH
Scale: 1"=50'



B CURVE DATA	
B-7	
Δ	67° 37'
R	750'
T	502.24'
L	885.10'
e	0.116 Ft./Ft.

Sta 735+00 to Sta 738+90 Lt.
Remove existing guardrail ramp end, re-set guardrails to remove flare, and install new Guardrail, Type 3 Single with Steel Posts & BCT.
New Guardrails: 350 lin. ft.
Removal of ramp end and re-setting guardrails to be incidental to Guardrail Type 3.



B CURVE DATA	
B-8	
Δ	40° 45'
R	500'
T	185.70'
L	355.61'
e	0.11 Ft./Ft.

Sta 736+90 to Sta 737+80 Rt.
Remove existing guardrail ramp end, re-set existing guardrails to remove flare, and install new Guardrail, Type 3 Single with Steel Posts and BCT.
New Guardrail: 50 lin. ft.
Removal of ramp end and re-setting guardrails to be incidental to Guardrail, Type 3.

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Kailua Interchange to KMCAS
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SHEET NO. 6 OF 6 SHEETS