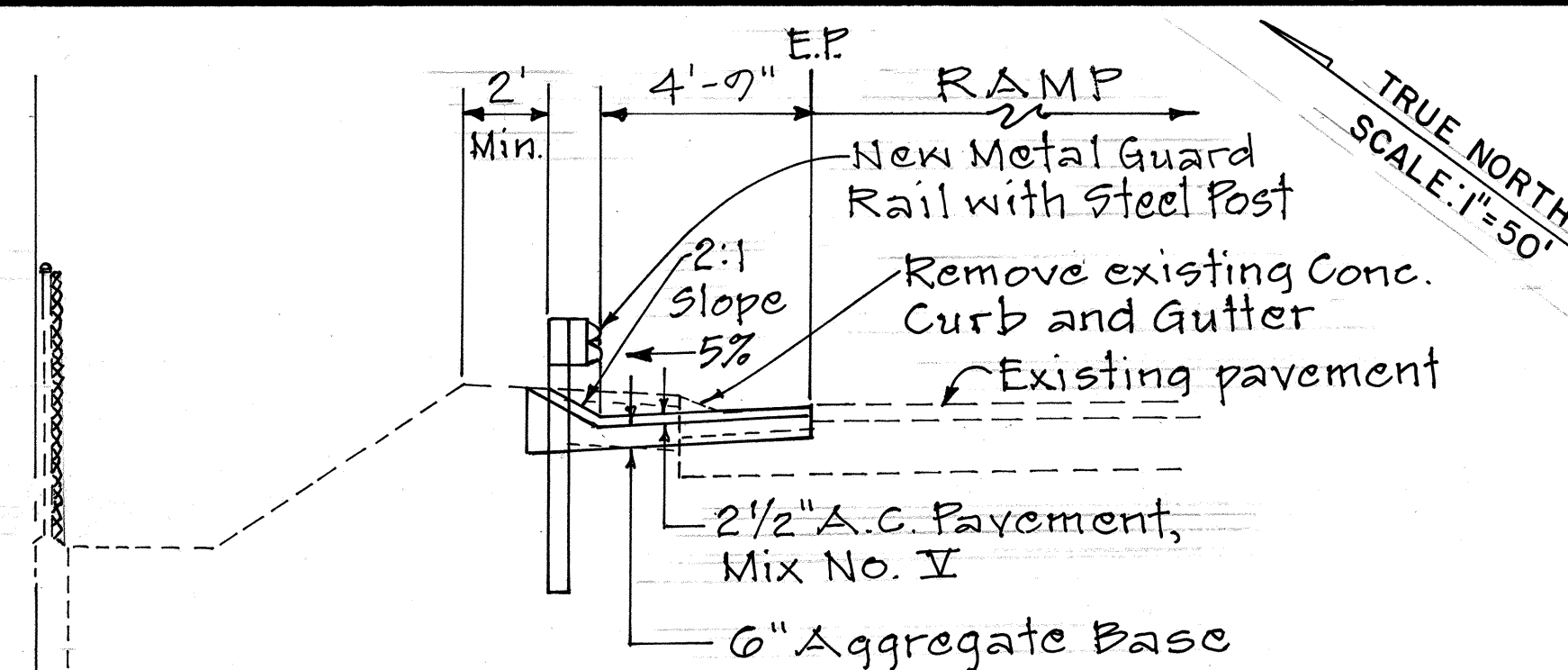


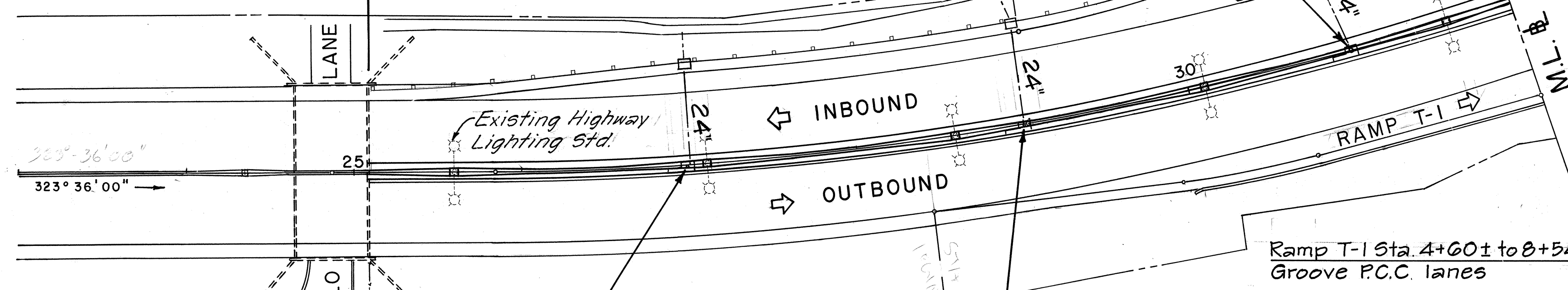
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(184)	1984	4	114



Sta. 25+09± to 32+00
Remove existing median curb and gutters, raised median, and metal guard rail.
Construct Concrete Barrier Type 50 and paved median.

Sta. 31+00
Demolish: Existing C.B.
Construct: New C.B.
For details see sht. no. 31

Beg. Ramp T
P.C.C. Sta. 9+06.01



Sta. 40+00± to 46+21.1±
Reconstruct top of existing wall, Modify End Block and repair Wall Expansion Joint.
For Details, See Sht. No. 25

Sta. 27+00
Demolish: Existing C.B.
Construct: New C.B.
For details see sht. no. 31

Sta. 29+00
Demolish: Existing C.B.
Construct: New C.B.
For details see sht. no. 31

Sta. 45+50
Demolish: Existing C.B.
Construct: New C.B.
For details see sht. no. 36

Sta. 43+50
Demolish: Existing C.B.
Construct: New C.B.
For details see sht. no. 35

Sta. 45+73 to Sta. 54+50 O.B.
Groove pavement 2 lanes wide from Ramp HI-K

Sta. 45+68.33 to 48+00
For Median Details see Plan Sht. Nos. 106 & 107

Ramp WL-I
P.C. Sta. 8+65.51
Sta. 9+34.76
Beg. P.C.C. Pavt.

Ramp WL-O
P.T. Sta. 9+22.88

Ramp WL-O
Sta. 8+20.06
Beg. P.C.C. Pavt.

Sta. 36+00 and 36+07.4
Demolish: Existing C.B.
top and wing.
Construct: New top slab and new C.B.
For details see sht. no. 34

Sta. 34+14.6 and 34+20
Demolish: Existing C.B.
top and wing.
Construct: New top slab and new C.B.
For details see sht. no. 33

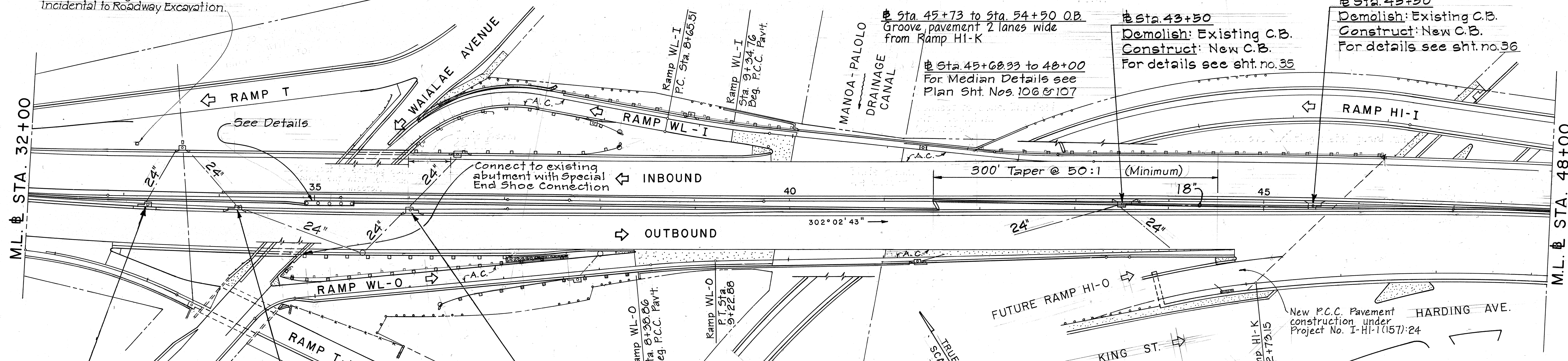
Sta. 33+25
Demolish: Existing C.B.
Construct: New C.B.
For details see sht. no. 32

Sta. 34+24.61 to 36+04.65 median.
Construct Concrete Barrier Type 50E and transitions.

NOTE:
For Ramp WL-I and Ramp WL-O Details,
See Sht. No. 8

Sta. 32+00 to 39+64.34 and Sta. 41+57.55 to 42+50±
Remove existing median curb and gutters, raised median and metal guard rail.
Construct Concrete Barrier Type 50 and paved median.

Remove Existing F.A. Marker and Post.
Incidental to Roadway Excavation.



DATE	REVISION
7/17/84	Revisions made per Addendum Nos. 2 & 4. Also Revised Sheet Nos. 4R, 5R & 6R.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

INTERSTATE ROUTE H-1
SAFETY IMPROVEMENTS
KALO LANE TO AINAKOIA AVE.
F.A.I. PROJECT NO. IR-HI-1(184)

SCALE: 1" = 50'
SEPT. 1983
SHEET No. 1 OF 3 SHEETS

7/20/84 Revisions made for G.D.I. at Sta. 58+32 and Sta. 58+92
7/17/84 Revision made per Addendum Nos. 2 & 4. Also Revised Sht. Nos. 4R, 5R & 6R.

DATE REVISION

Sta. 48+00 to 54+83.33
For Median Details see Plan Sht. Nos. 106 & 107

Sta. 54+83.33 to 64+00
Remove existing median curb and gutters, raised median and metal guard rail.
Construct Concrete Barrier Type 50C and paved median.

56+00 to Sta. 54+50 to 64+00 I.B. and O.B.
Groove existing P.C.C. lanes

Sta. 54+95
Demolish: Existing C.B. top and wing
Construct: New C.B. top slab
For details see sht. no. 37
Sta. 59+28.50 to 59+81.50 median
Construct Concrete Barrier Type 50E and transitions.

CURVE DATA
 $\Delta = 22^\circ 14' 30''$
 $R = 2250.00$
 $T = 442.28'$
 $Lc = 873.43$

Sta. 63+35
Demolish: Existing S.D.M.H. top
Construct: New S.D.M.H. top
For details see sht. no. 38

Sta. 61+00 ± Lt.
Salvage RCV, cap 2" pipe, cut and insulate control wires.

Shut-off valve

Shut-off Valve

Modify Conc. End Post and connect with Terminal Connector
For Details, see Sht. No. 39

Sta. 58+55 ± Lt.
Cap 2 1/2" pipe, cut and insulate control wires

New 24" Culvert

See Details

OUTBOUND

308° 23' 09"

Sta. 62+40
Demolish: Existing C.B. top
Construct: New C.B. top
For details see sht. no. 37

Sta. 58+92
Demolish: Existing C.B.

Construct: Type 2 A-12 G.D.I.
Inv. = 49.00
For details see sht. no. C.O. 319-1

Modify Conc. End Post and connect with Terminal Connector
For Details, see Sht. No. 22

Sta. 58+22
Construct: Type 3A-12 G.D.I.
Inv. = 50.00
Install: 24" CAP, t=0.075" or 24" C9P, t=0.079" or 24" RCB, CL III or 24" ACP, CL III
For details see sht. no. C.O. 319-1

Sta. 64+00 to 80+00
I.B. and O.B.
Groove existing P.C.C. lanes

Sta. 66+45.50 to 66+98.50 median
Construct Concrete Barrier Type 50E and transitions.

Sta. 50+00 ± Lt.
Remove existing sand barrel assembly.
Install Cushion Barrier (Cell Sandwich Unit) Impact Attenuation Device

P.T. STA. 65+71.93 =
P.O.T. STA. 65+71.22

Reconstruct and Resurface Ramp 5A. For Scope of Work see Sht. No. 28

Begin Ramp 5A Sta. 67+54

Install Median End
Remove Existing Curb and Gutter, and Pave Gore Area with 2 1/2" A.C. Pavement Mix No. V, 8" Aggregate Base and 6" Aggregate Subbase

Sta. 74+50 ± Rt.
Salvage RCV, Cap 2" Pipe, Cut and Insulate Control Wires

INBOUND

Abandon 2" Pipe

Sta. 79+20 ± Rt.
Salvage RCV, cap 2" pipe, cut and insulate control wires.
RCV to Remain

Abandon 2" pipe

Sta. 66+50
Demolish: Existing C.B. top
Construct: New C.B. top
For details see sht. no. 39

Sta. 67+86 ± Rt.
Salvage RCV, cap 2" pipe, cut and insulate control wires. RCV to Remain

Shut-off valve

Sta. 67+25 ± to 80+00
Remove existing median curb and gutters, raised median, and metal guard rail.
Construct Concrete Barrier Type 50 and paved median.

Sta. 64+00 to 67+25 ±
Remove existing median curb and gutters, raised median, and metal guard rail.
Construct Concrete Barrier Type 50C and paved median.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

INTERSTATE ROUTE H-1
SAFETY IMPROVEMENTS
KALO LANE TO AINAKOA AVE.
F.A.I. PROJECT NO. IR-HI-1(184)

SCALE: 1" = 50' SEPT. 1983

SHEET NO. 2 OF 3 SHEETS

C.O. 5R

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

6R