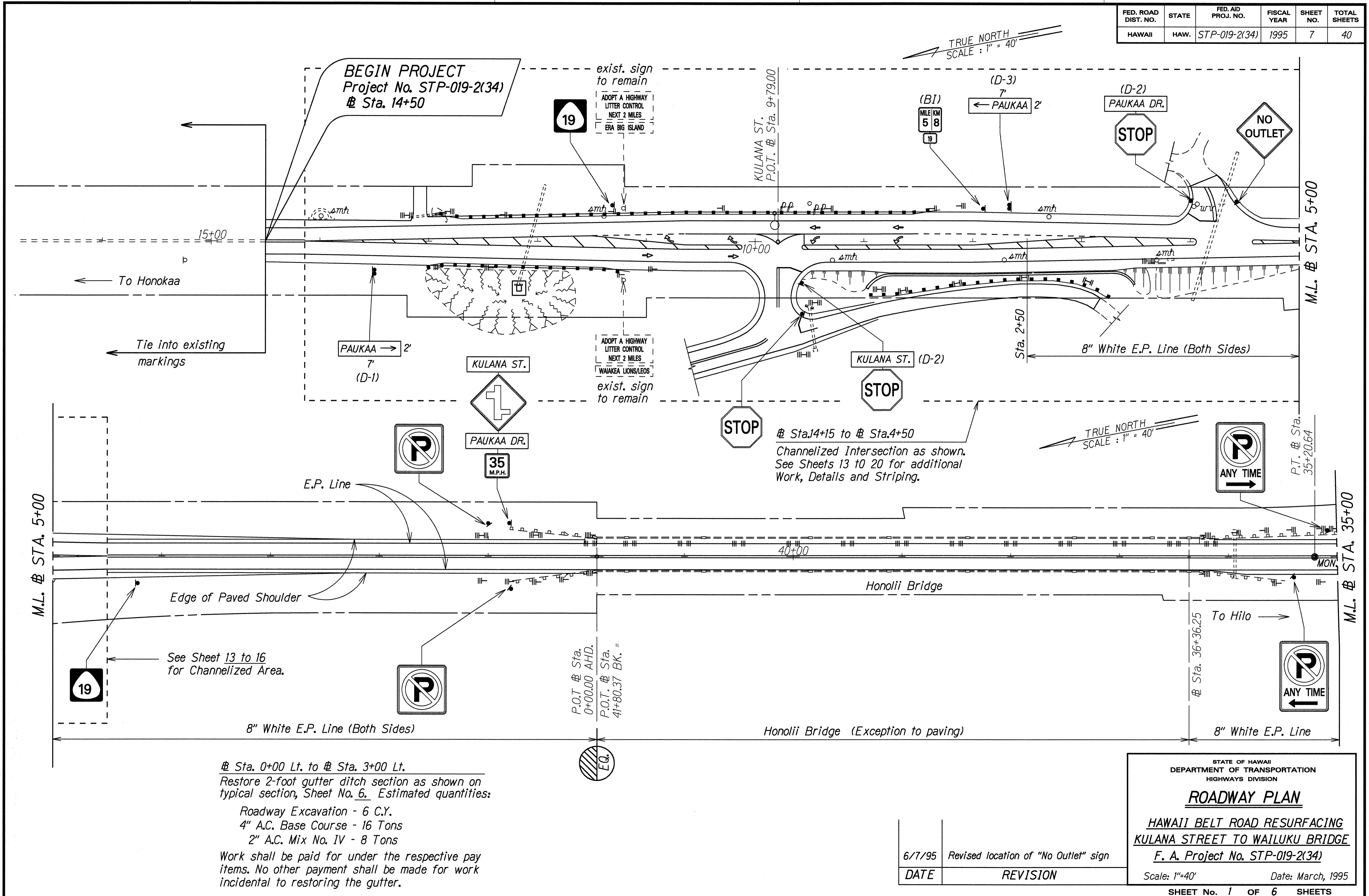


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(34)	1995	7	40



Sta. 0+00 Lt. to # Sta. 3+00 Lt.
Restore 2-foot gutter ditch section as shown on typical section, Sheet No. 6. Estimated quantities:
Roadway Excavation - 6 C.Y.
4" A.C. Base Course - 16 Tons
2" A.C. Mix No. IV - 8 Tons
Work shall be paid for under the respective pay items. No other payment shall be made for work incidental to restoring the gutter.

SURVEY PLOTTED BY	DATE
DESIGNED BY	6/7/95
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE: BOOK	
DATE	
NO.	

6/7/95	Revised location of "No Outlet" sign
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HAWAII BELT ROAD RESURFACING
KULANA STREET TO WAILUKU BRIDGE
F. A. Project No. STP-019-2(34)

Scale: 1"=40' Date: March, 1995

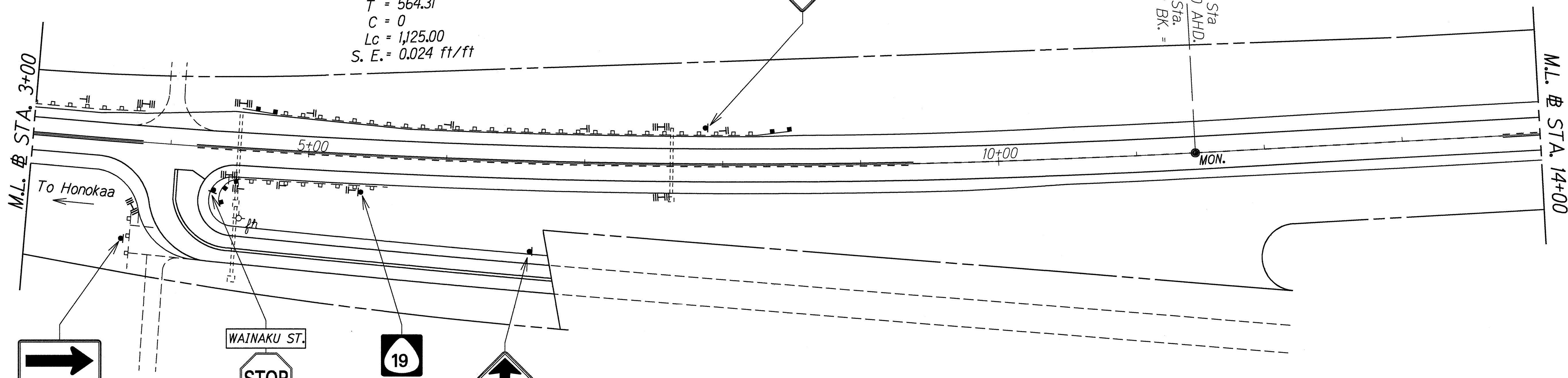
SHEET No. 1 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(34)	1995	9	40

CURVE DATA
 $\Delta = 11^{\circ}15'00''$
 $R = 5,729.58$
 $T = 564.31$
 $C = 0$
 $Lc = 1,125.00$
 $S. E. = 0.024 \text{ ft/ft}$

TRUE NORTH
SCALE: 1" = 40'

P.T. # Sta
11+50.00 AHD.
P.T. # Sta.
11+42.62 BK.

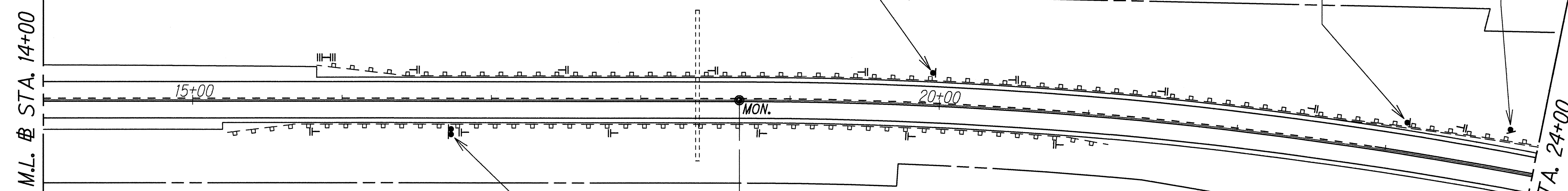


(Bi-Dir)
MILE
3
2
19

TRUE NORTH
SCALE: 1" = 40'

ALL VEHICLES
KEEP OUT

NO MOTOR
VEHICLES



CURVE DATA
 $\Delta = 22^{\circ}14'00''$
 $R = 2,864.79$
 $T = 562.91$
 $C = 0$
 $Lc = 1,111.67$
 $S. E. = 0.05 \text{ ft/ft}$

P.C. # Sta.
8+66.03

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

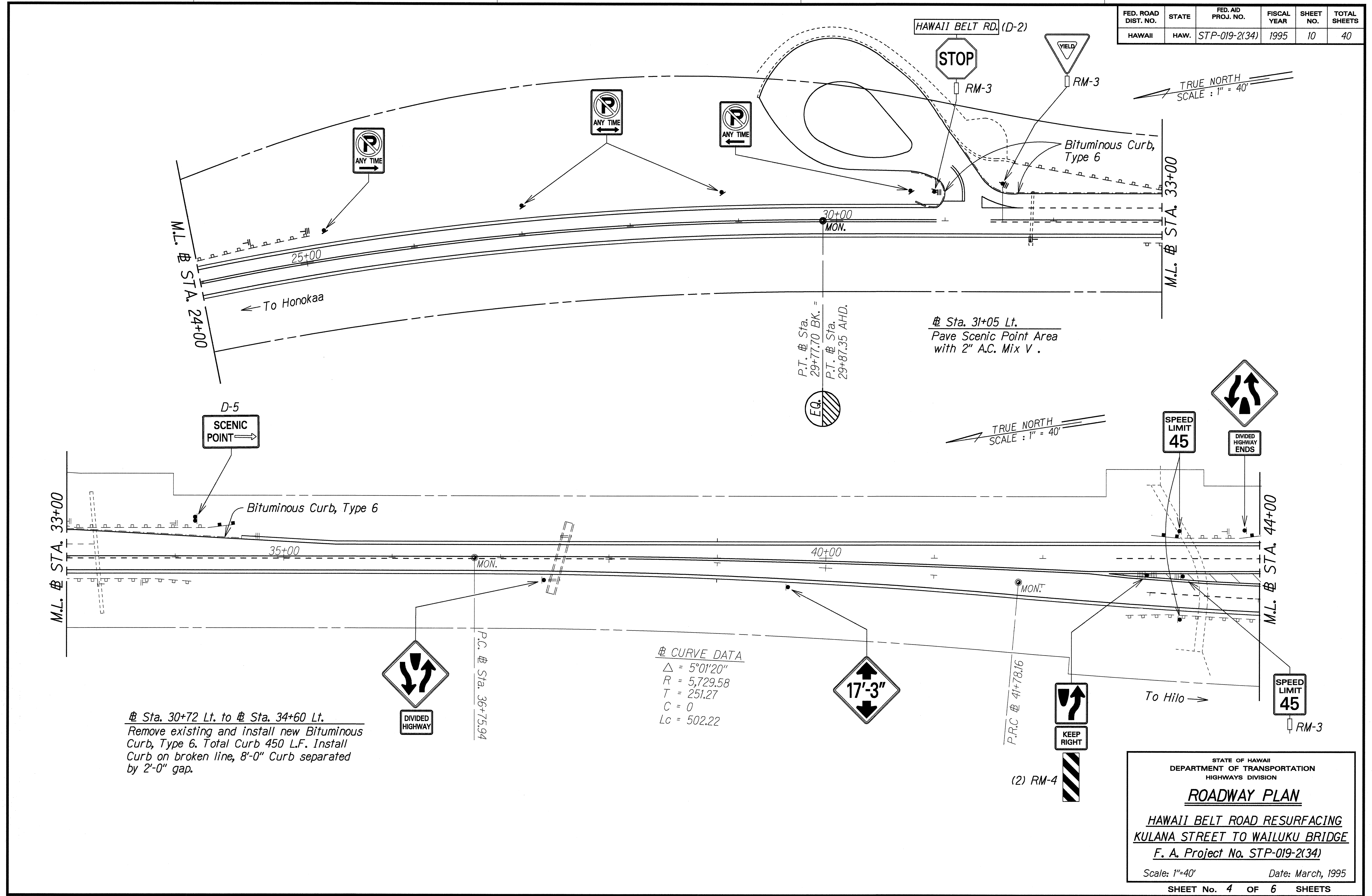
ROADWAY PLAN

HAWAII BELT ROAD RESURFACING
KULANA STREET TO WAILUKU BRIDGE
F. A. Project No. STP-019-2(34)

Scale: 1"=40' Date: March, 1995

SHEET No. 3 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(34)	1995	10	40



DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

HAWAII BELT ROAD RESURFACING
 KULANA STREET TO WAILUKU BRIDGE
 F. A. Project No. STP-019-2(34)

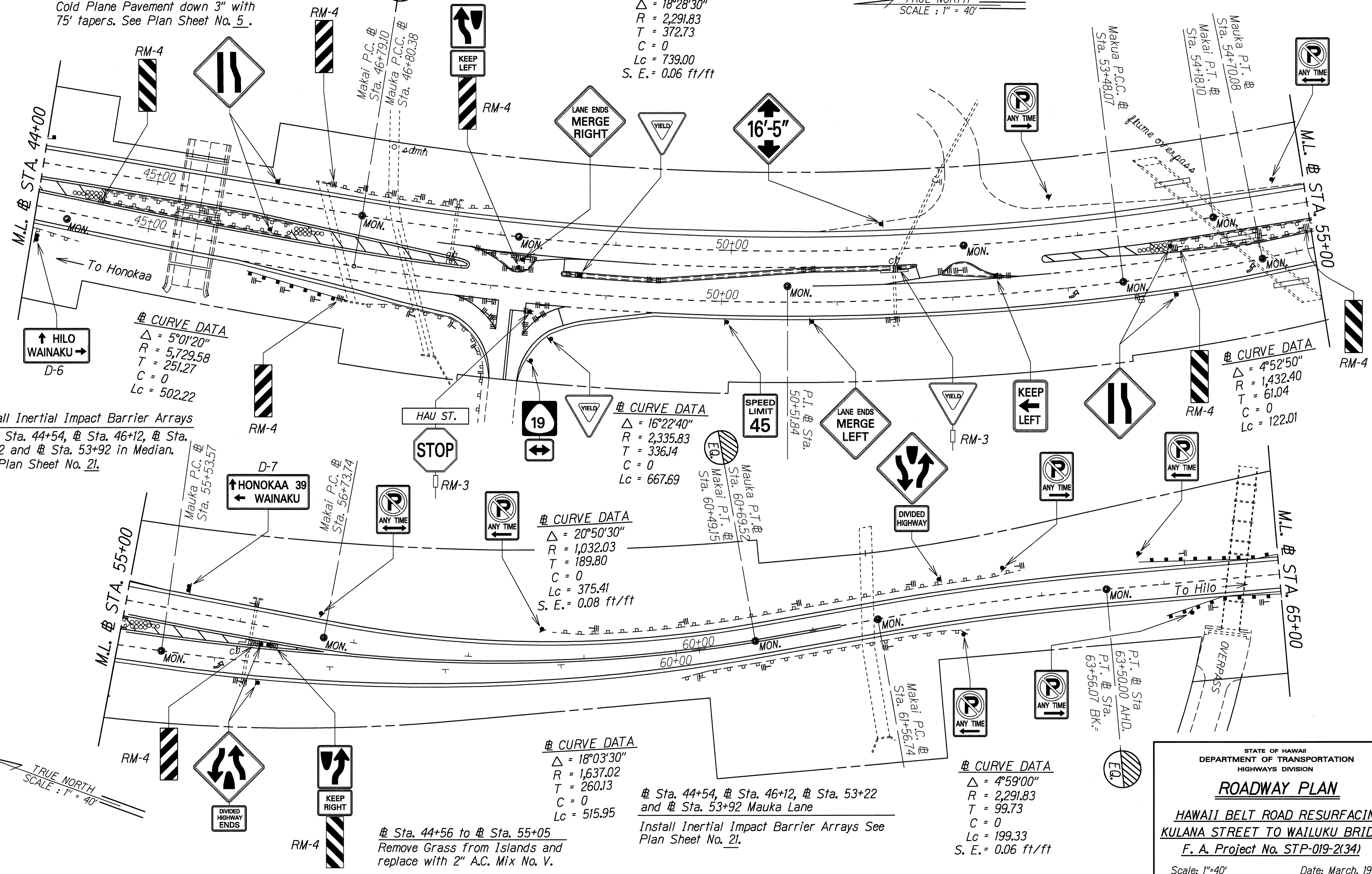
Scale: 1"=40' Date: March, 1995

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-2(34)	1995	11	40

Sta. 44+20 to Sta. 46+60 Makai Lane
Cold Plane Pavement down 3" with 75' tapers. See Plan Sheet No. 5.

CURVE DATA
 $\Delta = 18^\circ 28' 30''$
 $R = 2,291.83$
 $T = 372.73$
 $C = 0$
 $Lc = 739.00$
 $S. E. = 0.06 \text{ ft/ft}$

TRUE NORTH
SCALE: 1" = 40'



CURVE DATA
 $\Delta = 5^\circ 01' 20''$
 $R = 5,729.58$
 $T = 251.27$
 $C = 0$
 $Lc = 502.22$

Install Inertial Impact Barrier Arrays
At Sta. 44+54, Sta. 46+12, Sta. 53+22 and Sta. 53+92 in Median.
See Plan Sheet No. 21.

CURVE DATA
 $\Delta = 16^\circ 22' 40''$
 $R = 2,335.83$
 $T = 336.14$
 $C = 0$
 $Lc = 667.69$

CURVE DATA
 $\Delta = 20^\circ 50' 30''$
 $R = 1,032.03$
 $T = 189.80$
 $C = 0$
 $Lc = 375.41$
 $S. E. = 0.08 \text{ ft/ft}$

CURVE DATA
 $\Delta = 18^\circ 03' 30''$
 $R = 1,637.02$
 $T = 260.13$
 $C = 0$
 $Lc = 515.95$

CURVE DATA
 $\Delta = 4^\circ 59' 00''$
 $R = 2,291.83$
 $T = 99.73$
 $C = 0$
 $Lc = 199.33$
 $S. E. = 0.06 \text{ ft/ft}$

Sta. 44+56 to Sta. 55+05
Remove Grass from Islands and replace with 2" A.C. Mix No. V.

Sta. 44+54, Sta. 46+12, Sta. 53+22 and Sta. 53+92 Mauka Lane
Install Inertial Impact Barrier Arrays See Plan Sheet No. 21.

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

ROADWAY PLAN

HAWAII BELT ROAD RESURFACING
KULANA STREET TO WAILUKU BRIDGE
F. A. Project No. STP-019-2(34)

Scale: 1"=40' Date: March, 1995

SHEET No. 5 OF 6 SHEETS

