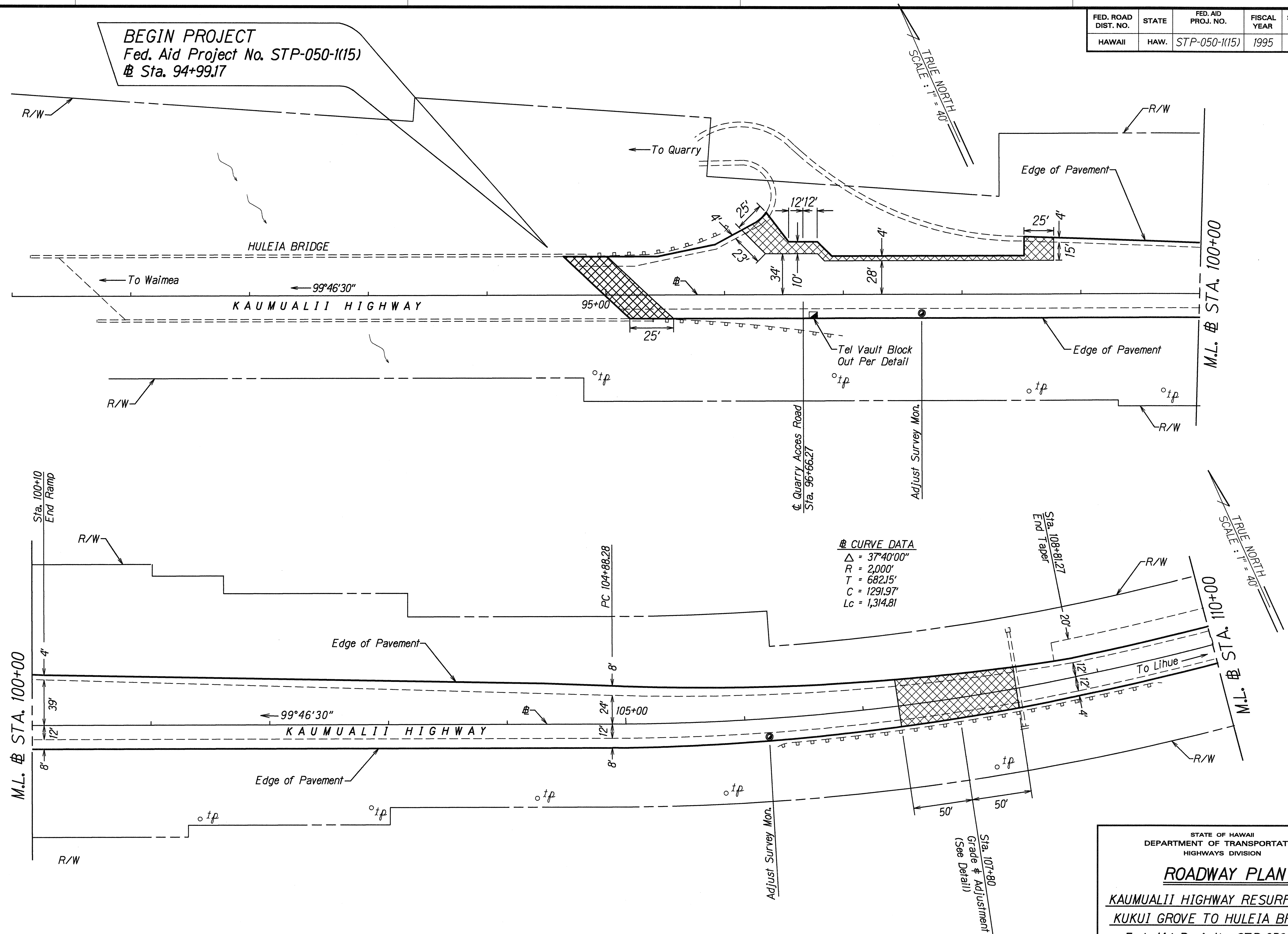


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	12	36



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
all gages	TRACED BY	
quantities	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

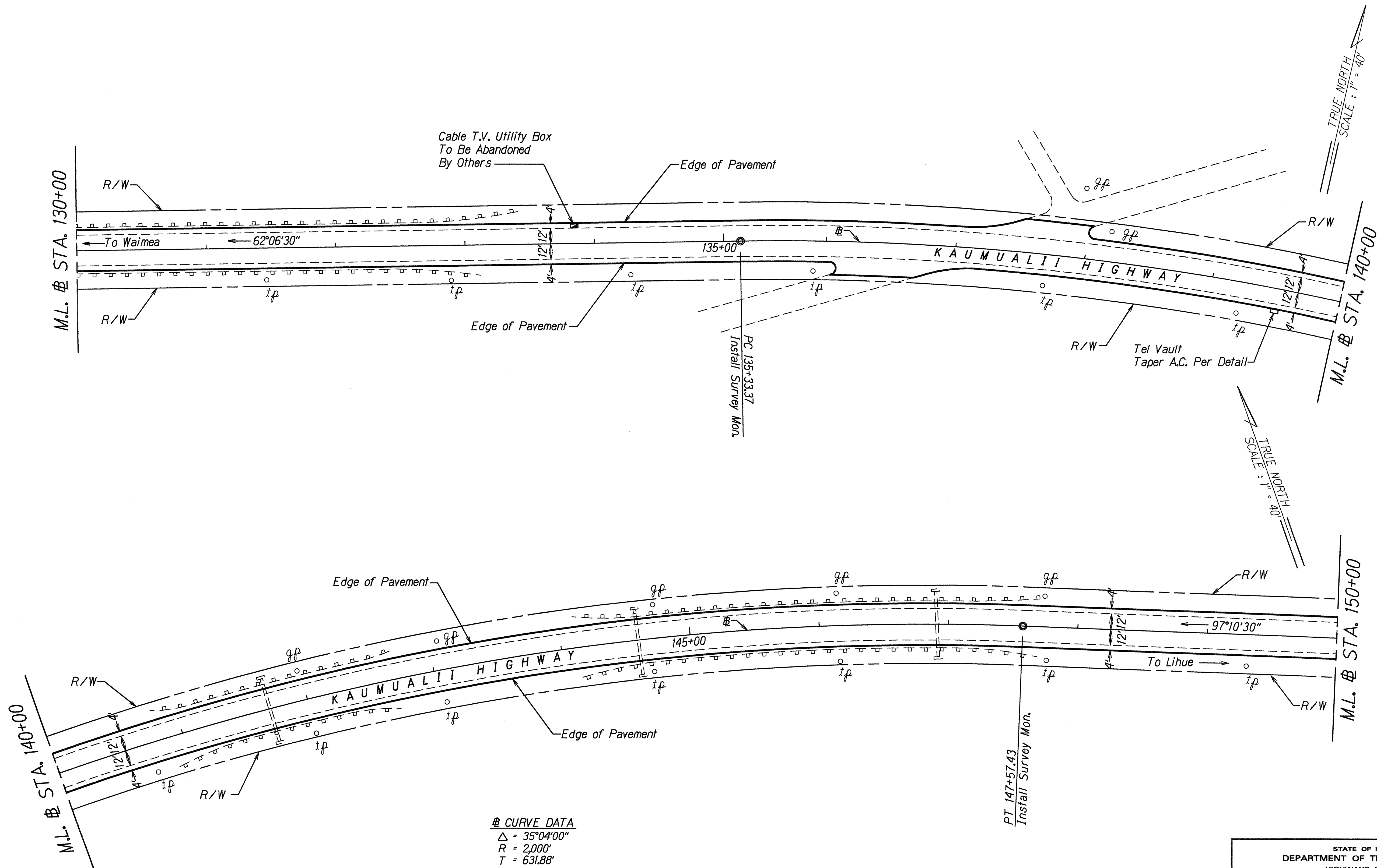
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 1 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	14	36



☯ CURVE DATA
 $\Delta = 35^{\circ}04'00''$
 $R = 2,000'$
 $T = 631.88'$
 $C = 1,205.04'$
 $L_c = 1224.06'$

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	
NOTED	TRACED BY	
NOTED	CHECKED BY	
NOTED	QUANTITIES BY	
NOTED	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

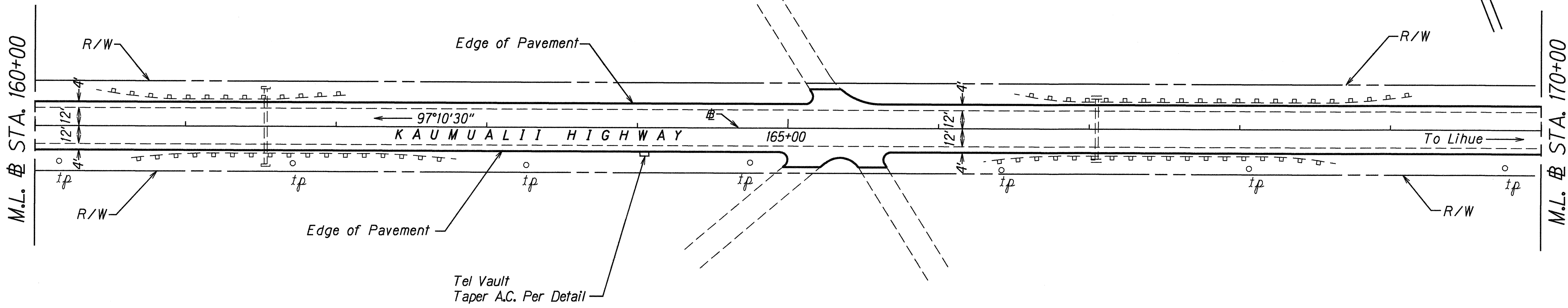
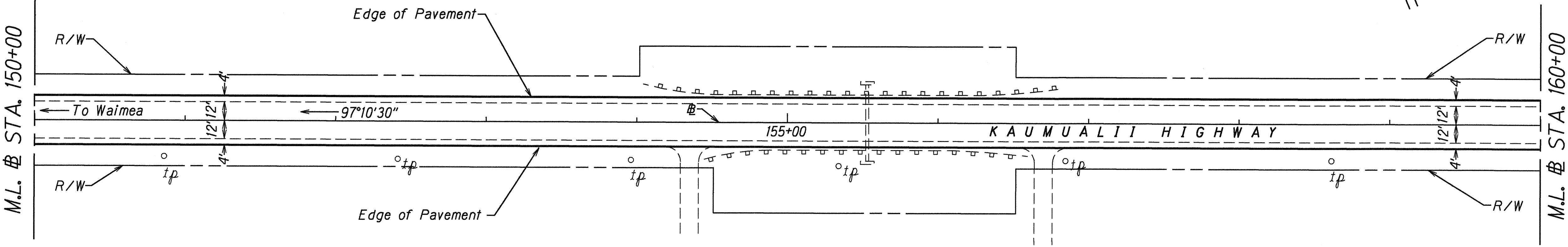
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 3 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	15	36



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	X
add grace	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

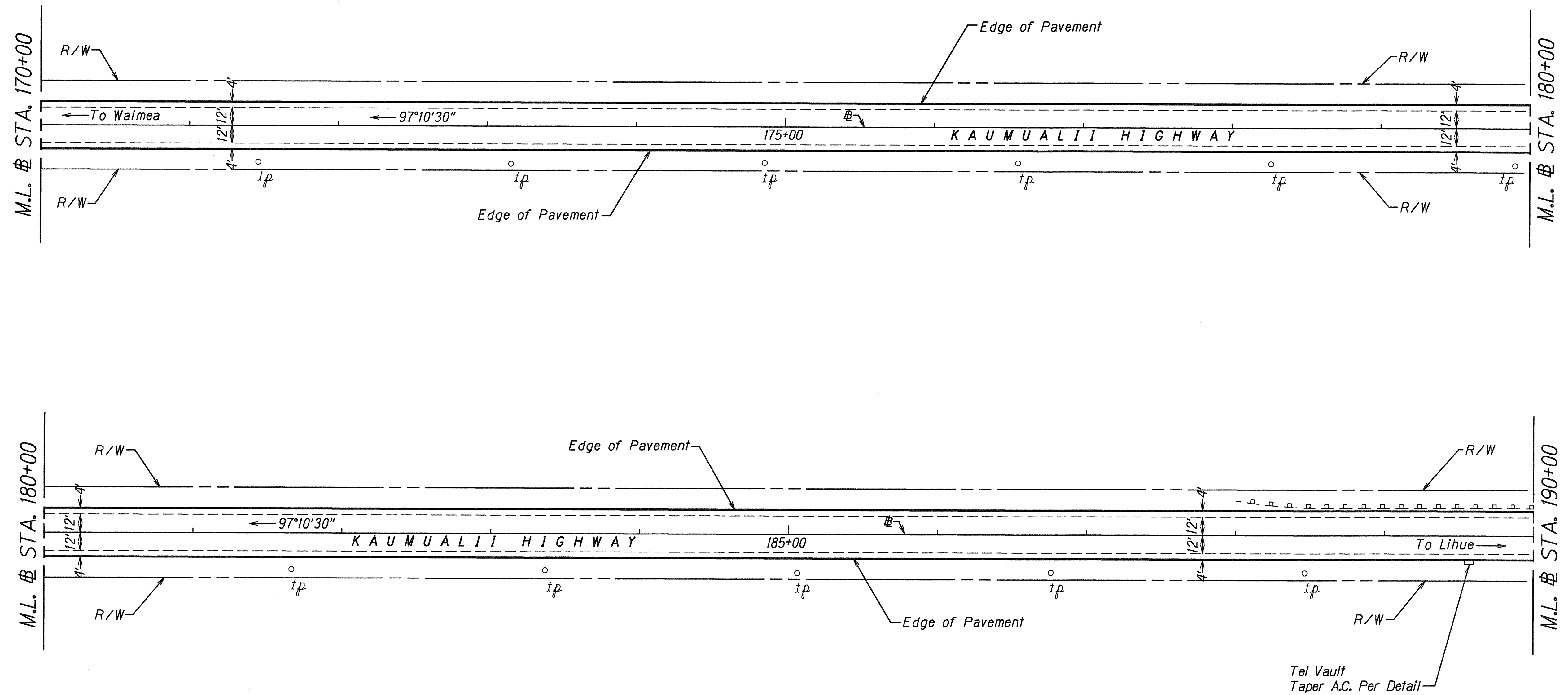
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 4 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-K(15)	1995	16	36



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	1995
odt grace	TRACED BY	
4/16/95	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

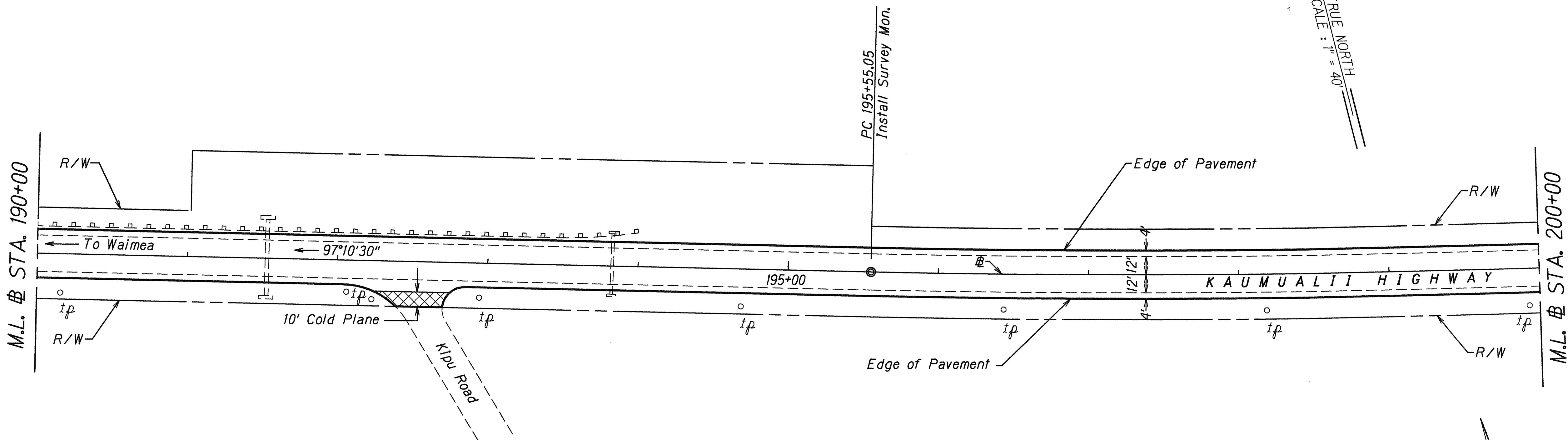
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-K(15)

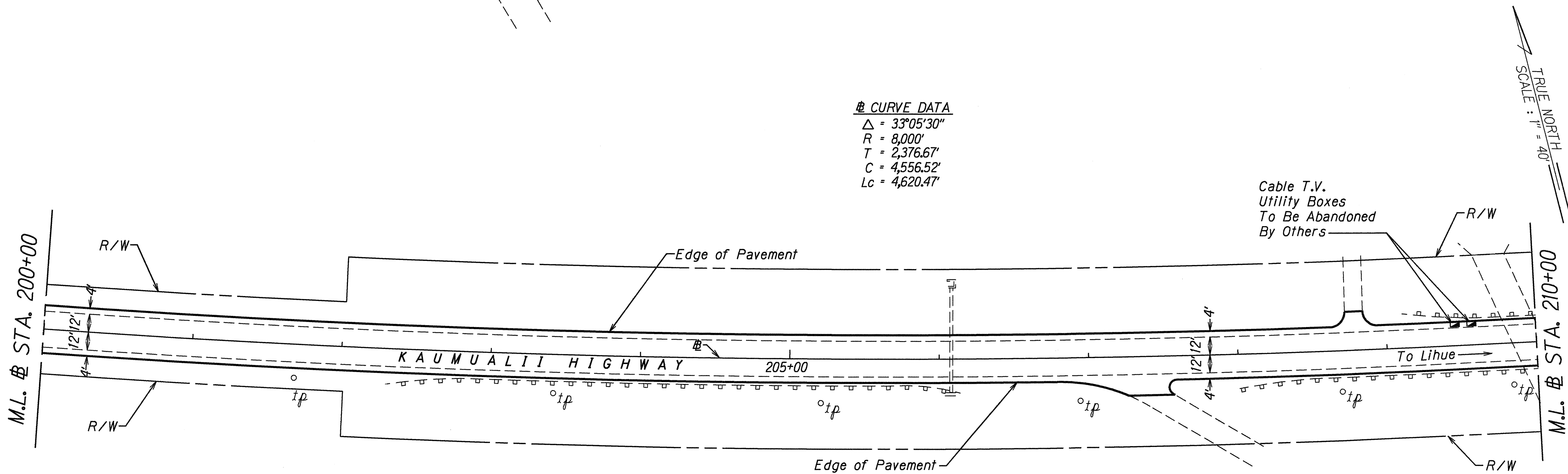
Scale: 1" = 40' Date: Apr, 1995

SHEET No. 5 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	17	36



CURVE DATA
 $\Delta = 33^\circ 05' 30''$
 $R = 8,000'$
 $T = 2,376.67'$
 $C = 4,556.52'$
 $L_c = 4,620.47'$



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	
DESIGNED BY	BY	
CHECKED BY	BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

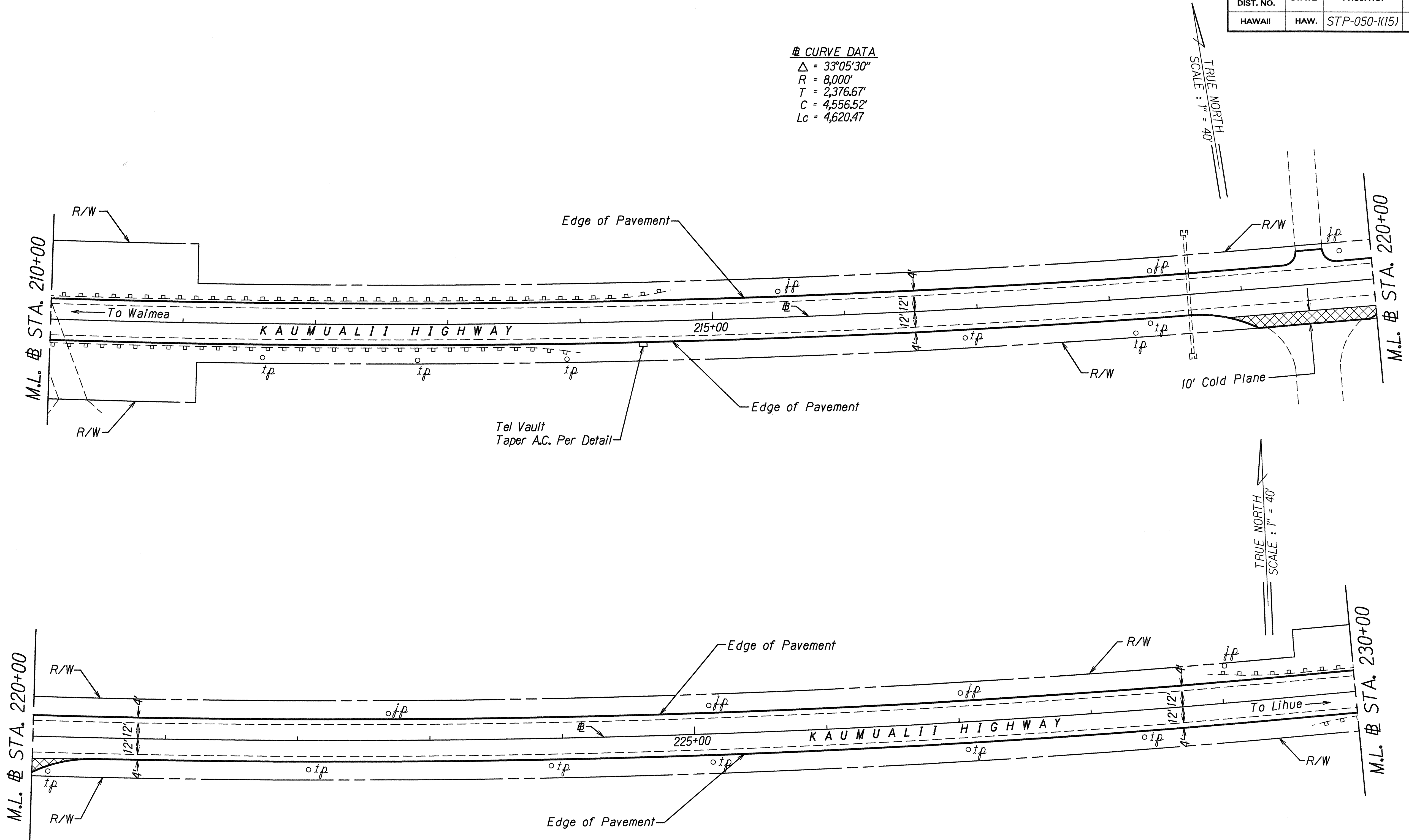
KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 6 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	18	36

△ CURVE DATA
 $\Delta = 33^{\circ}05'30''$
 $R = 8,000'$
 $T = 2,376.67'$
 $C = 4,556.52'$
 $L_c = 4,620.47'$



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
ddi grace	TRACED BY	
skm/kp/07/95	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-1(15)

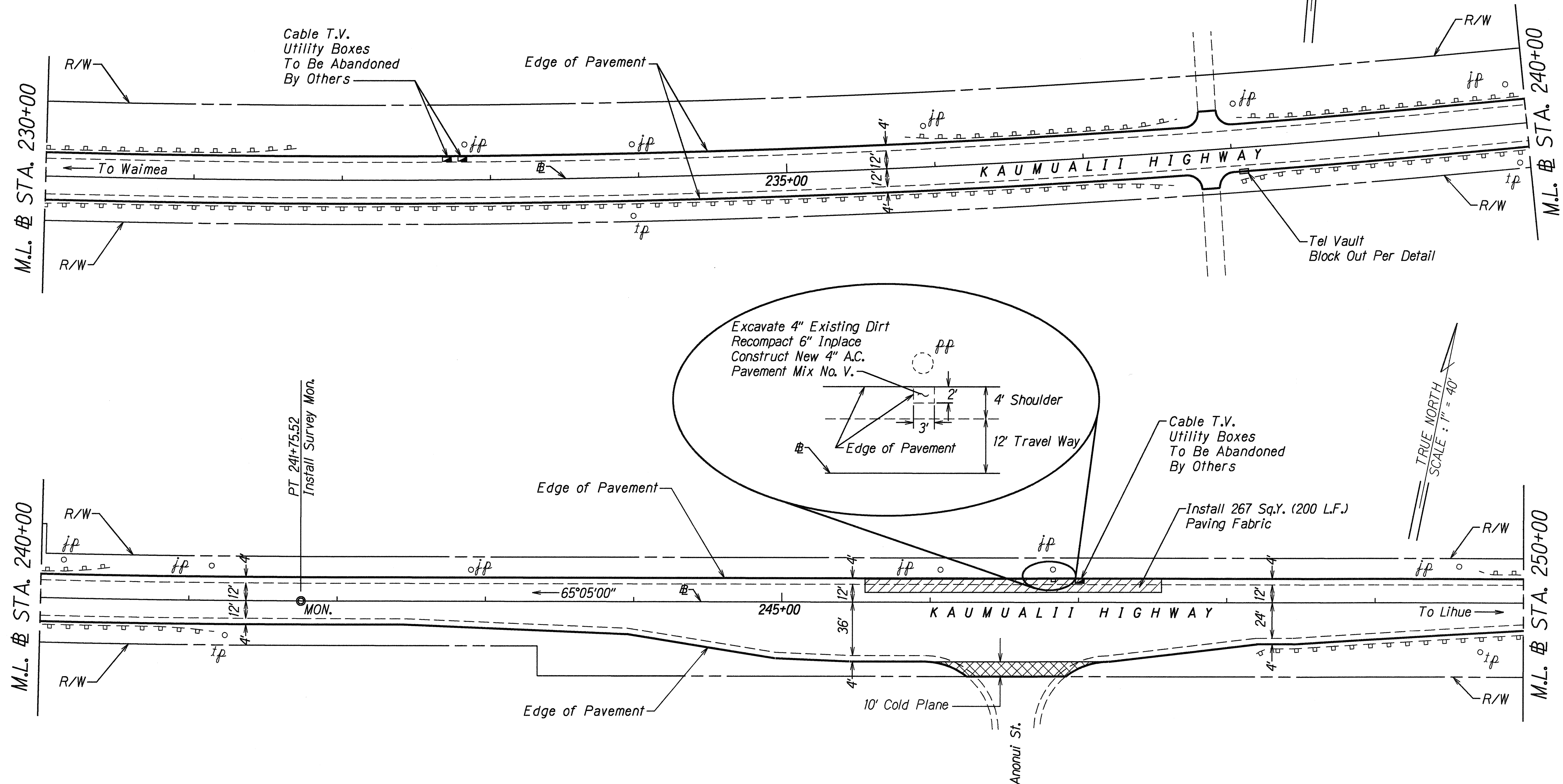
Scale: 1" = 40' Date: Apr, 1995

SHEET No. 7 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	19	36

CURVE DATA

$\Delta = 33^{\circ}05'30''$
 $R = 8,000'$
 $T = 2,376.67'$
 $C = 4,556.52'$
 $Lc = 4,620.47'$



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
del. grace	TRACED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

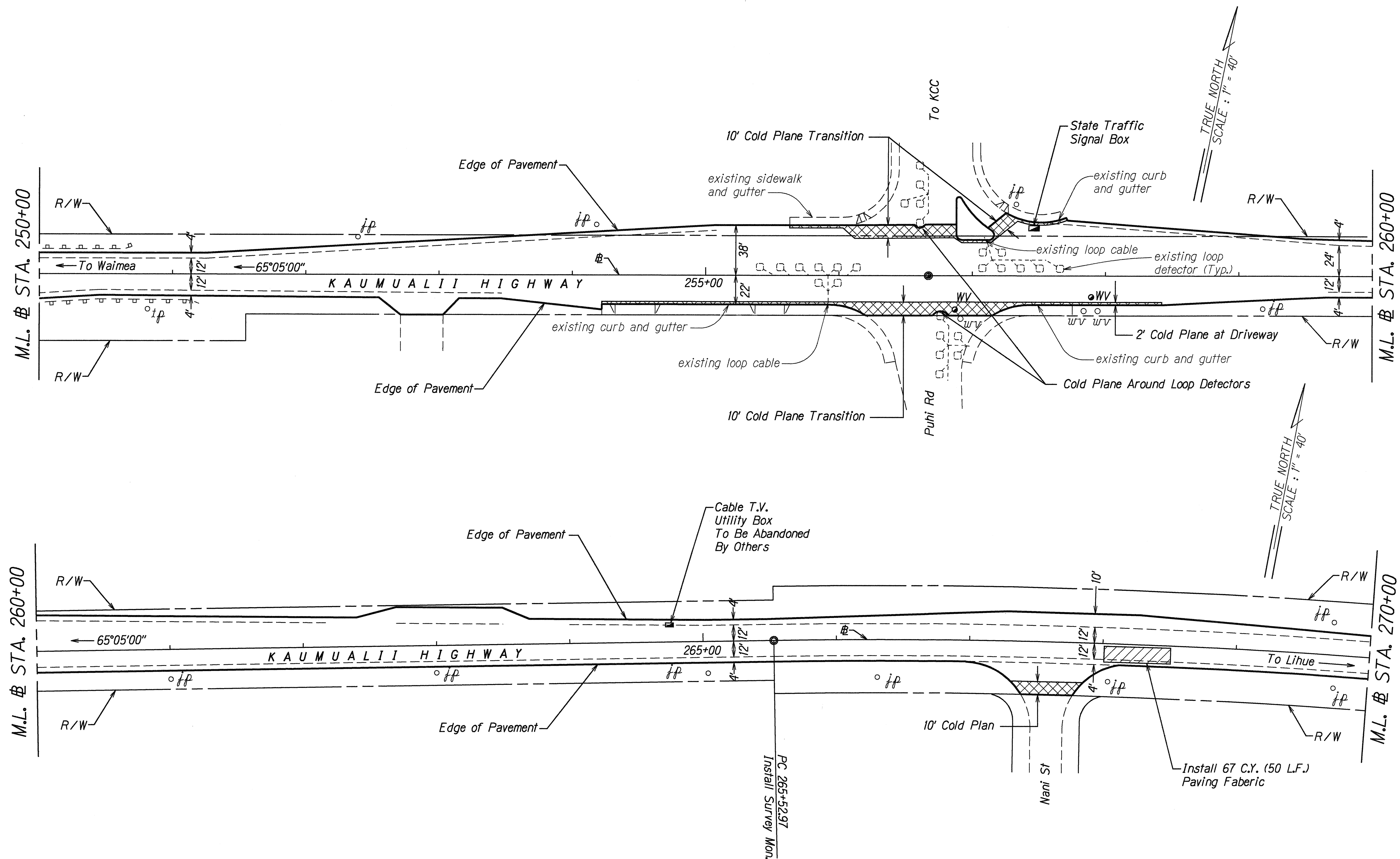
ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No STP-050-1(15)

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

SHEET No. 8 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	20	36



⊕ CURVE DATA
 $\Delta = 6^\circ 58' 00''$
 $R = 5,000'$
 $T = 304.35'$
 $C = 607.58'$
 $L_c = 607.96'$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

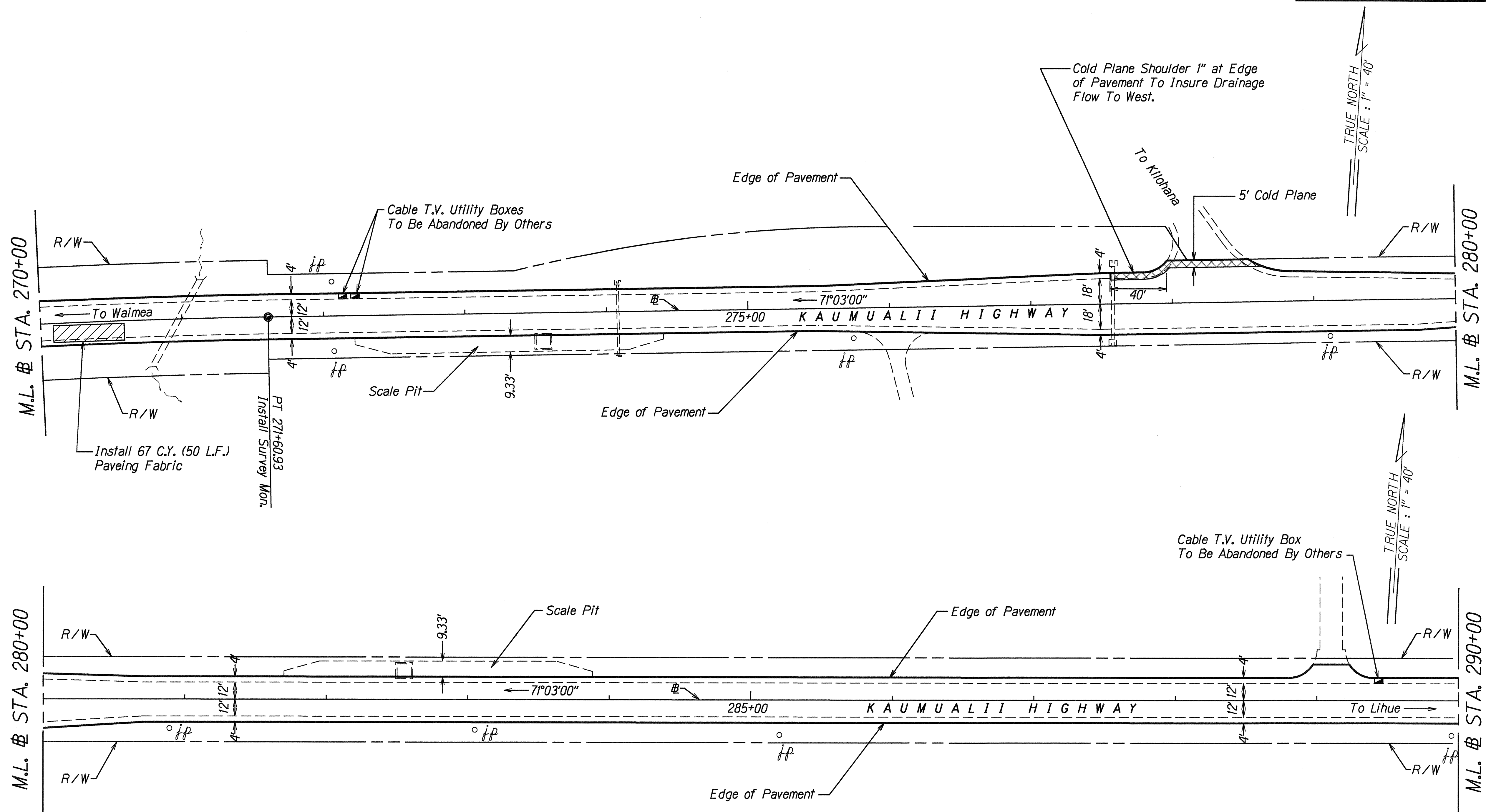
**KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE**

Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 9 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	21	36



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	5/19/95
del gree	TRACED BY	
kmpldgen	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

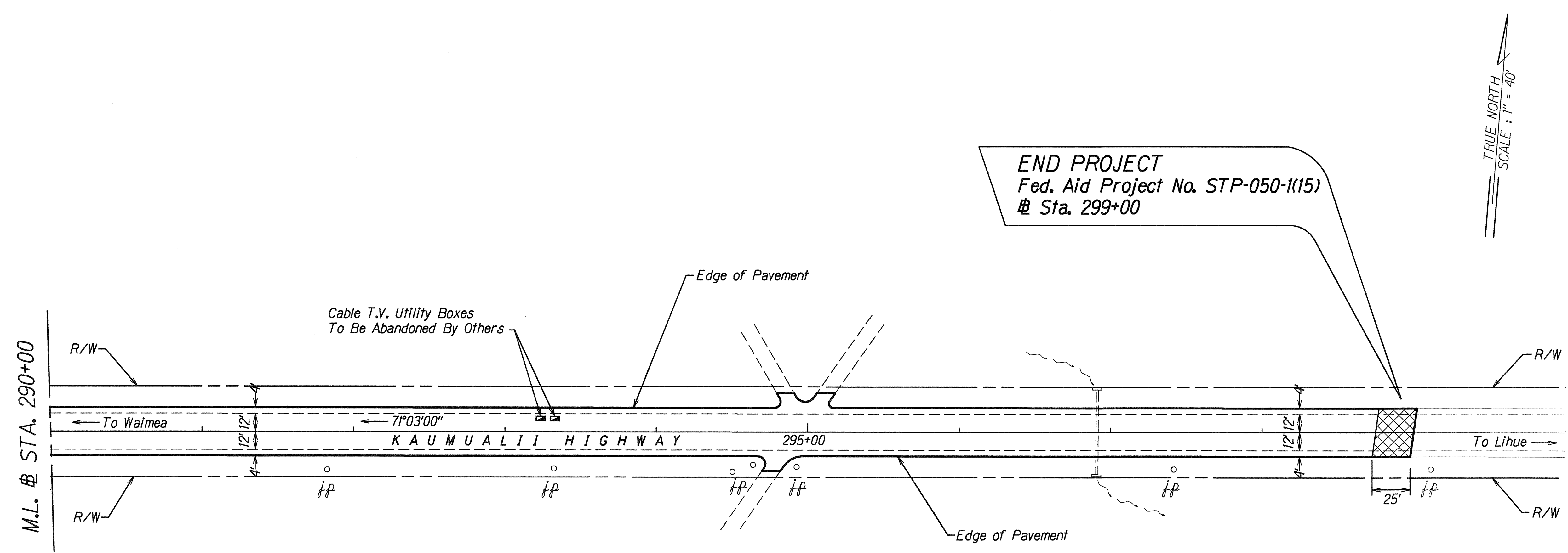
**KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE**

Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 10 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(15)	1995	22	36



END PROJECT
Fed. Aid Project No. STP-050-1(15)
Sta. 299+00

TRUE NORTH
SCALE : 1" = 40'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY <i>Maurice</i>	<i>X</i>
<i>ddi grace</i>	DESIGNED BY <i>HWK</i>	
<i>Wukolip</i>	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAUMUALII HIGHWAY RESURFACING
KUKUI GROVE TO HULEIA BRIDGE
Fed. Aid Proj. No. STP-050-1(15)

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

SHEET No. 11 OF 11 SHEETS