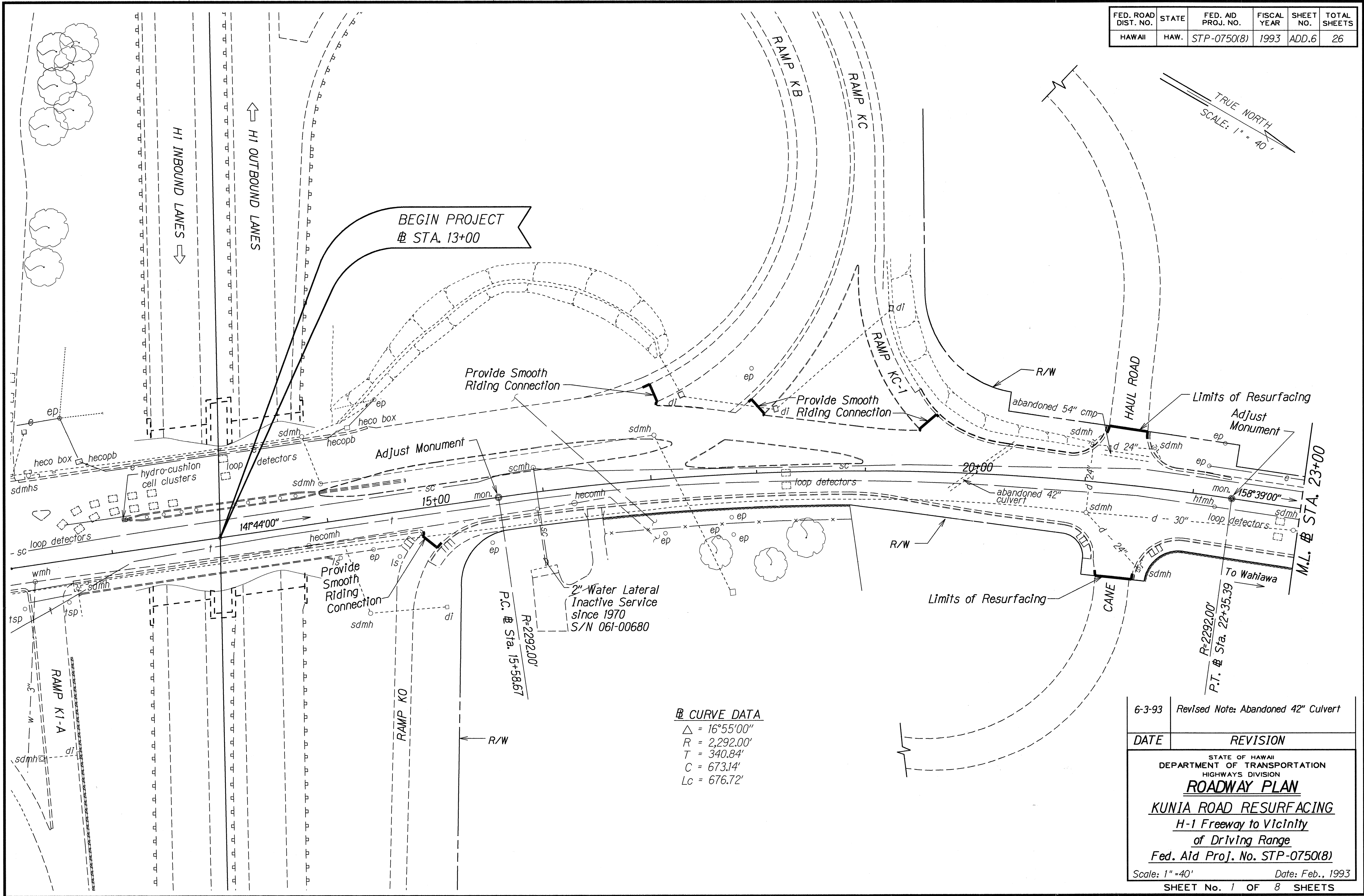


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	ADD.6	26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	2-28-93
NOTE BOOK	TRACED BY	
042.george	W. Yano	
042.george	QUANTITIES BY	
042.george	CHECKED BY	

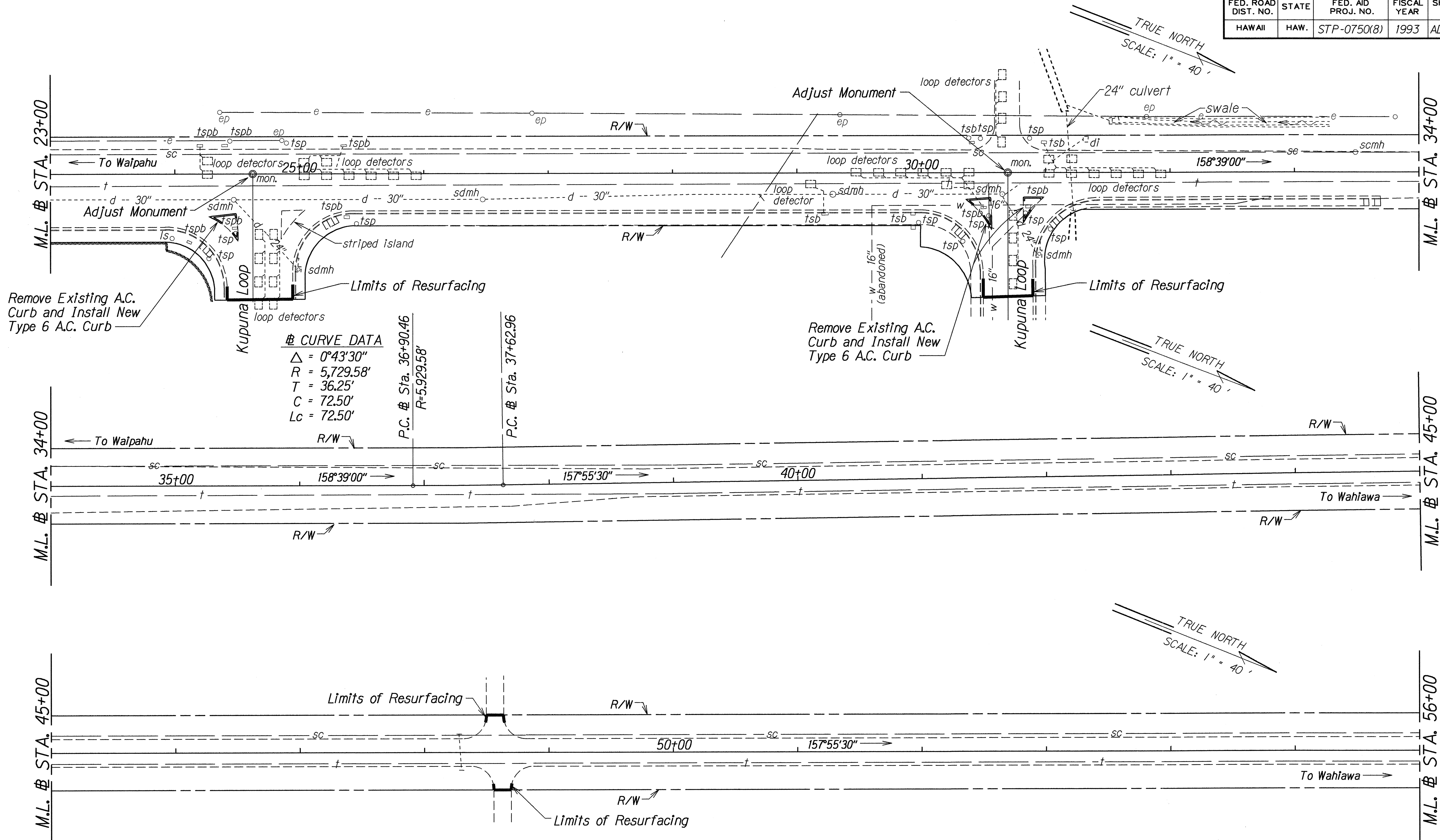
② CURVE DATA
 $\Delta = 16^{\circ}55'00''$
 $R = 2,292.00'$
 $T = 340.84'$
 $C = 673.14'$
 $Lc = 676.72'$

6-3-93 Revised Note: Abandoned 42" Culvert

DATE	REVISION
	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY PLAN KUNIA ROAD RESURFACING H-1 Freeway to Vicinity of Driving Range Fed. Aid Proj. No. STP-0750(8) Scale: 1"=40' Date: Feb., 1993 SHEET No. 1 OF 8 SHEETS

ADD. 6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	ADD.7	26



# CURVE DATA	
Δ	$= 0^\circ 43' 30''$
R	$= 5,729.58'$
T	$= 36.25'$
C	$= 72.50'$
Lc	$= 72.50'$

P.C. # Sta. 36+90.46
R=5,929.58'

P.C. # Sta. 37+62.96

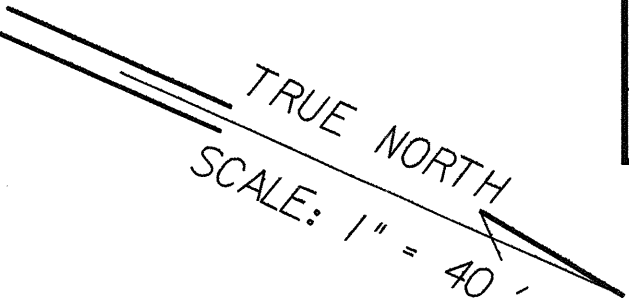
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	2-9-93
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	
	CHECKED BY	

6-3-93	Added Notes: 24" Culvert and Swale
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUNIA ROAD RESURFACING
H-1 Freeway to Vicinity
of Driving Range
Fed. Aid Proj. No. STP-0750(8)
Scale: 1" = 40' Date: Feb., 1993
SHEET No. 2 OF 8 SHEETS

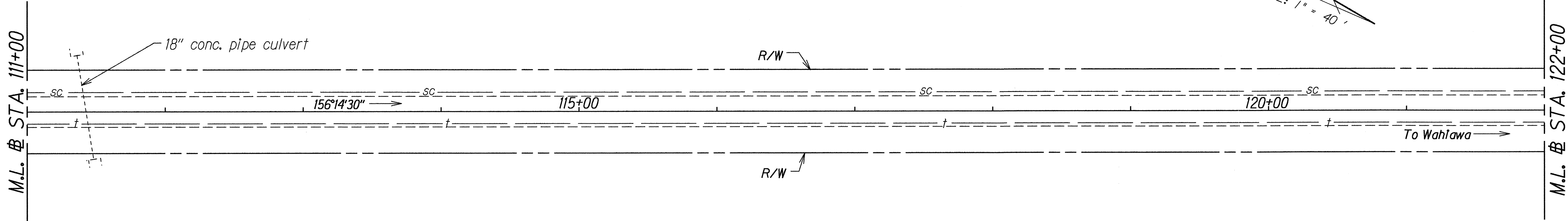
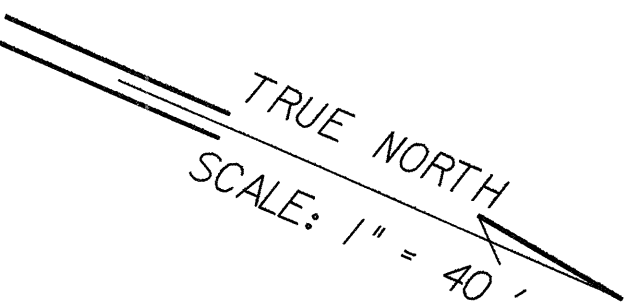
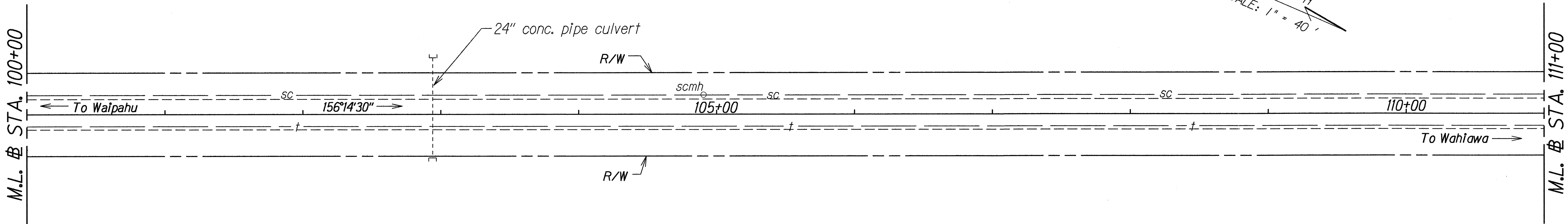
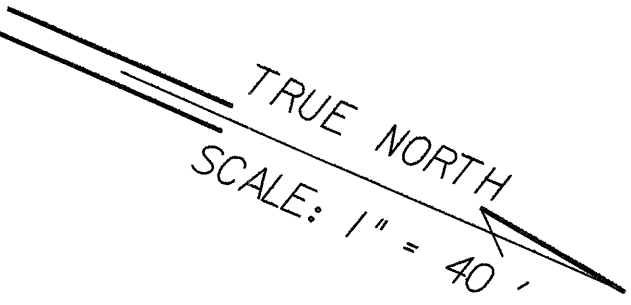
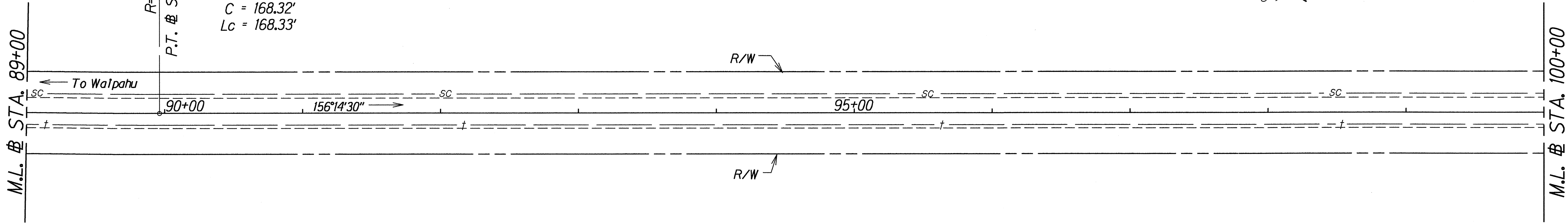
ADD. 7

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	ADD.9	26



CURVE DATA
 $\Delta = 1^\circ 14' 00''$
 $R = 5,729.58'$
 $T = 84.17'$
 $C = 168.32'$
 $L_c = 168.33'$

$R=5729.58'$
P.T. # Sta. 89+96.26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4-30-93
Checked by	W. T. T. T.	
Checked by	W. T. T. T.	

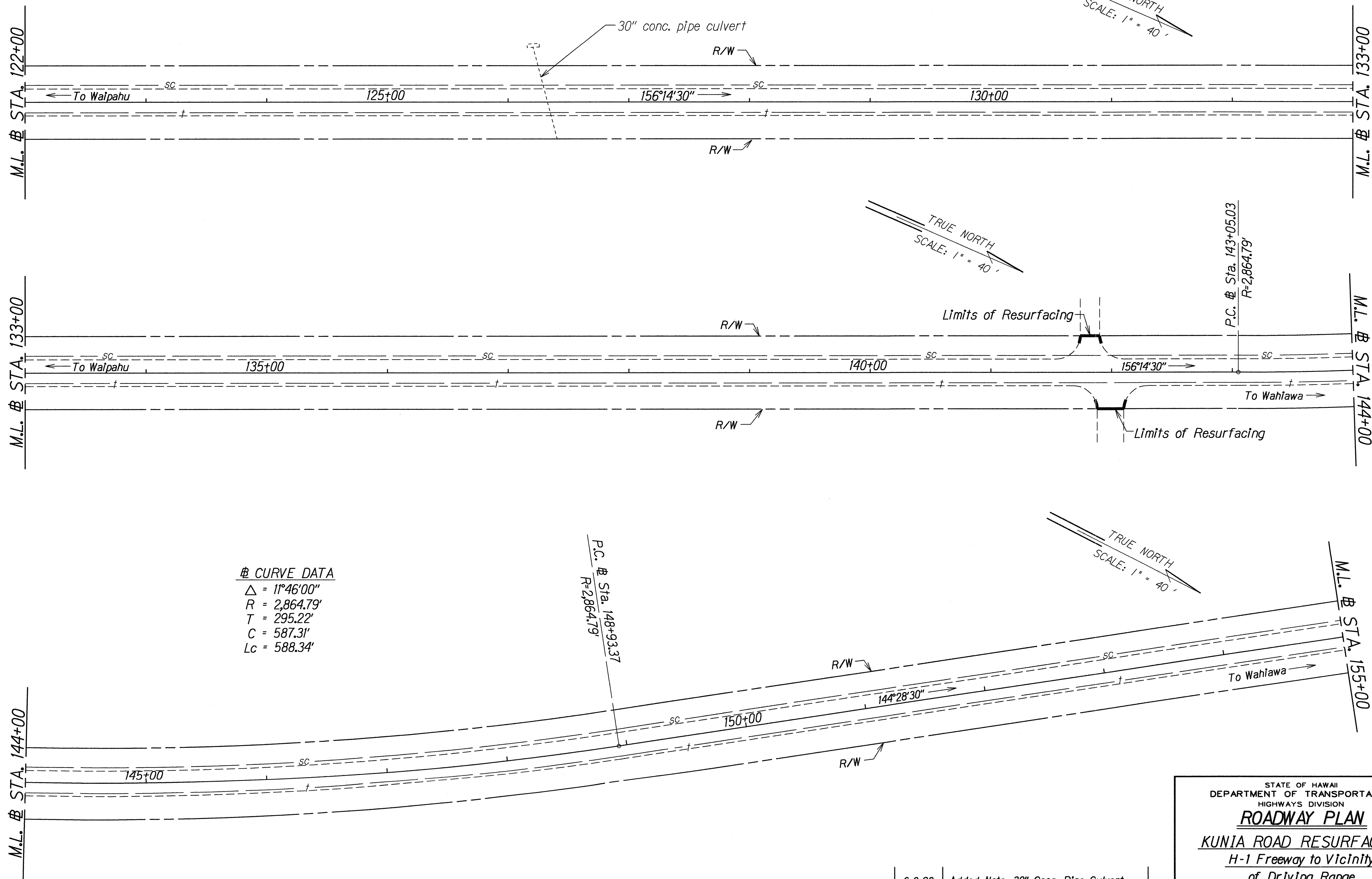
6-3-93 Added Notes: 24" & 18" Conc. Pipe Culvert

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUNIA ROAD RESURFACING
H-1 Freeway to Vicinity
of Driving Range
Fed. Aid Proj. No. STP-0750(8)
Scale: 1"=40' Date: Feb., 1993
SHEET No. 4 OF 8 SHEETS

ADD. 9

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	ADD.10	26



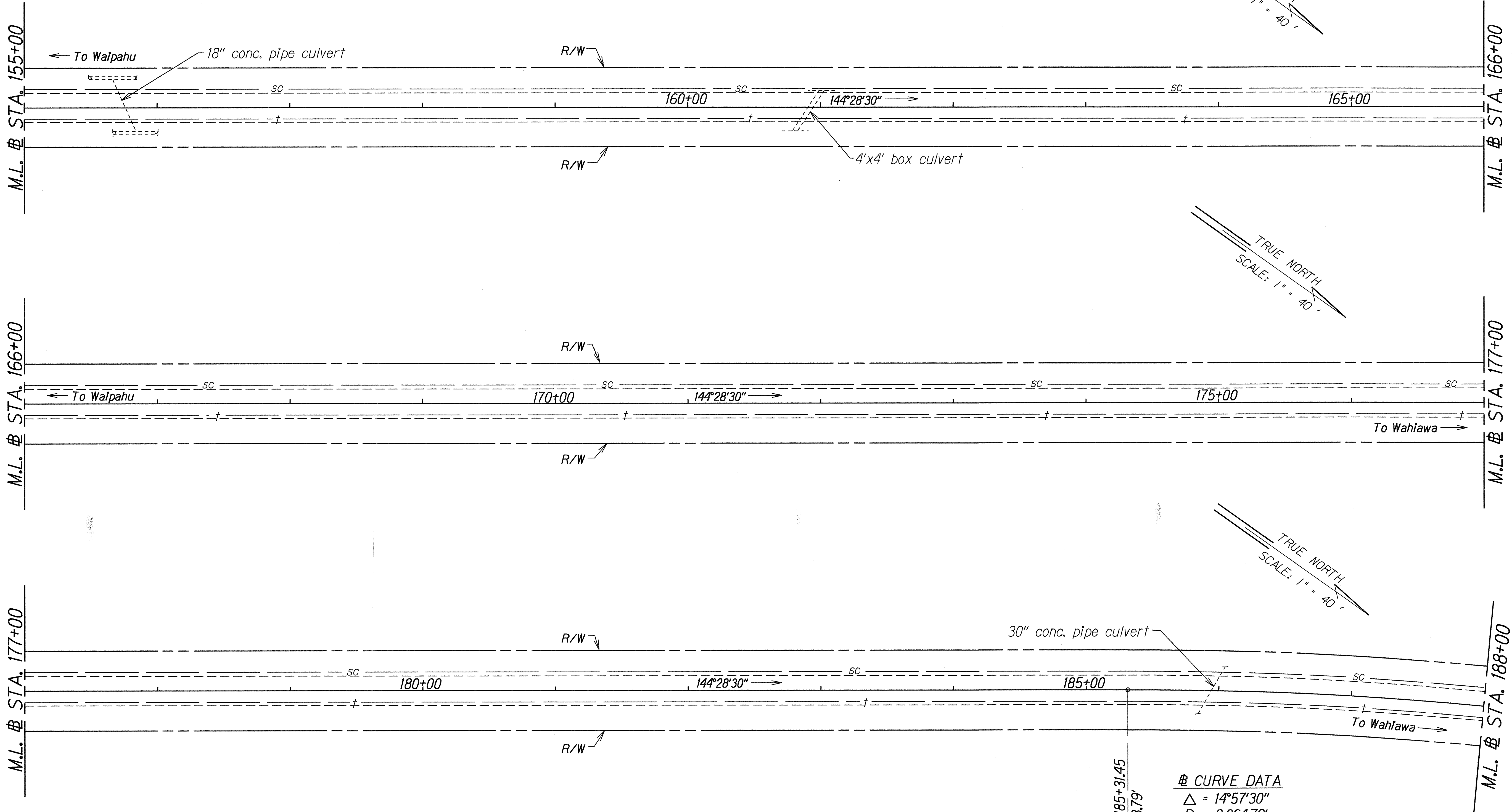
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4-9-93
log 11: kundp5.dgn	TRACED BY	
log 12: kundp5.dgn	CHECKED BY	
log 13: kundp5.dgn	QUANTITIES BY	
log 14: kundp5.dgn		

6-3-93	Added Note: 30" Conc. Pipe Culvert
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUNIA ROAD RESURFACING
H-1 Freeway to Vicinity
of Driving Range
Fed. Aid Proj. No. STP-0750(8)
Scale: 1"=40' Date: Feb., 1993
SHEET No. 5 OF 8 SHEETS

ADD. 10

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	ADD.11	26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4-30-93
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	

# CURVE DATA	
Δ	$= 14^{\circ}57'30''$
R	$= 2,864.79'$
T	$= 376.12'$
C	$= 745.80'$
Lc	$= 747.91'$

P.C. # Sta. 185+31.45
R=2,863.79'

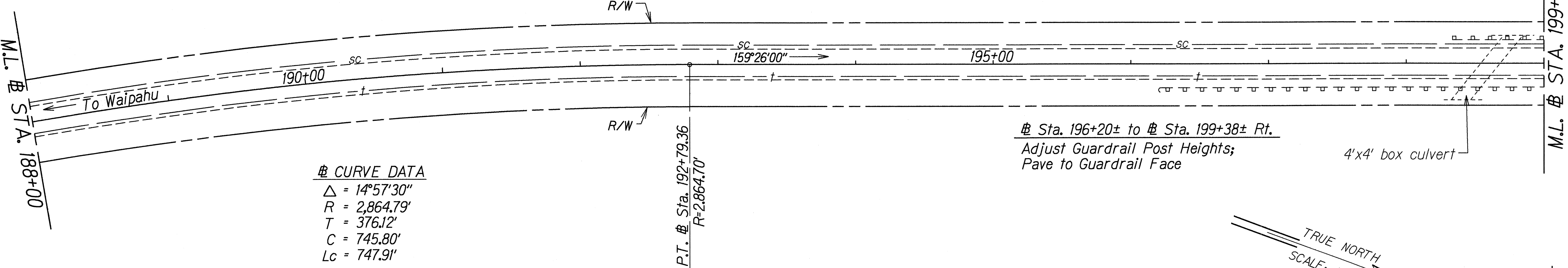
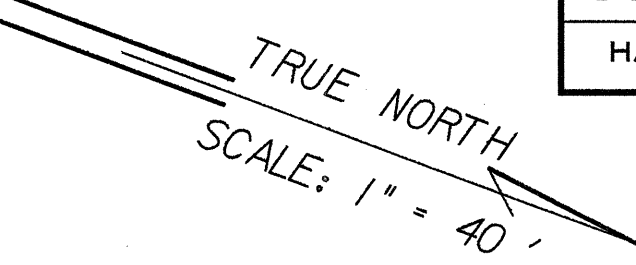
6-3-93 Added Notes: 18" & 30" Conc. Pipe Culvert and 4'x4' Box Culvert

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUNIA ROAD RESURFACING
H-1 Freeway to Vicinity
of Driving Range
Fed. Aid Proj. No. STP-0750(8)
Scale: 1"=40' Date: Feb., 1993
SHEET No. 6 OF 8 SHEETS

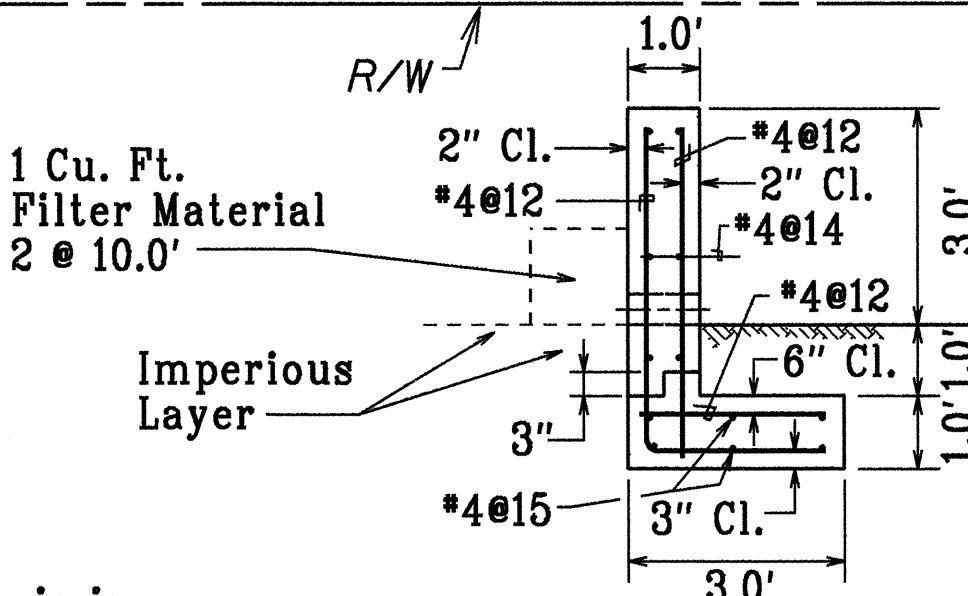
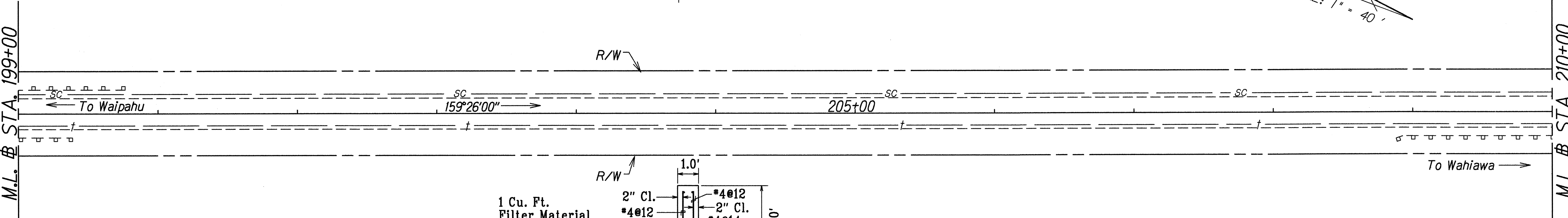
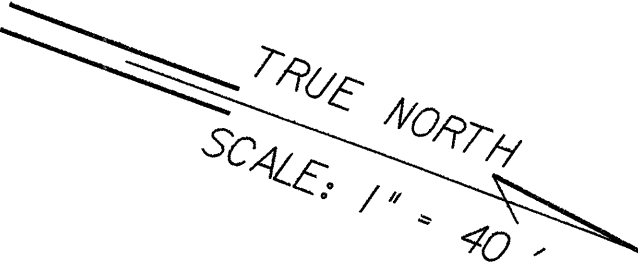
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	ADD.12	26

Sta. 198+34± to # Sta. 199+76± Lt.
Adjust Guardrail Post Heights;
Pave to Guardrail Face



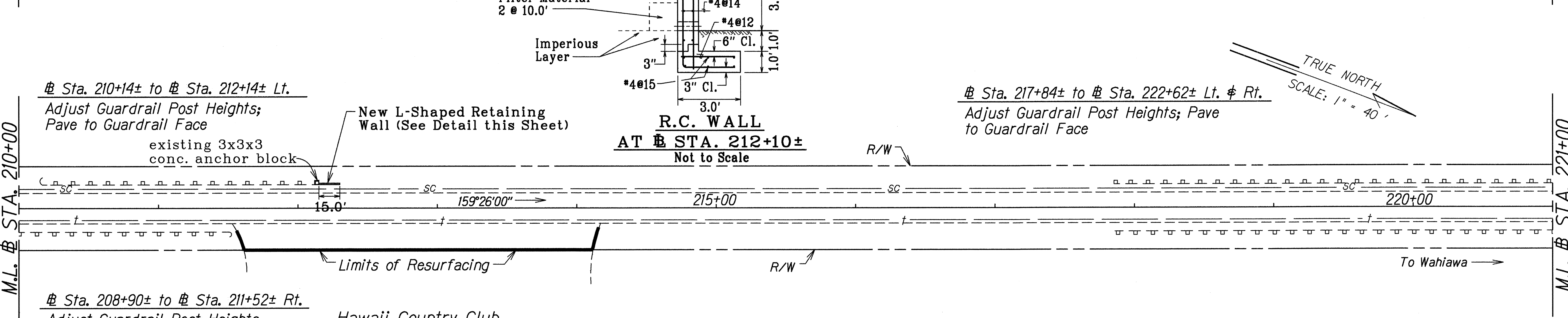
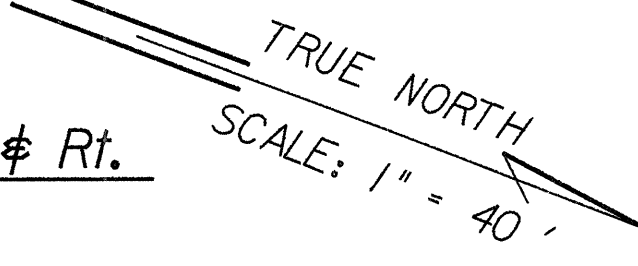
CURVE DATA
Δ = 14°57'30"
R = 2,864.79'
T = 376.12'
C = 745.80'
Lc = 747.91'

Sta. 196+20± to # Sta. 199+38± Rt.
Adjust Guardrail Post Heights;
Pave to Guardrail Face



R.C. WALL
AT # STA. 212+10±
Not to Scale

Sta. 217+84± to # Sta. 222+62± Lt. # Rt.
Adjust Guardrail Post Heights; Pave
to Guardrail Face



Sta. 210+14± to # Sta. 212+14± Lt.
Adjust Guardrail Post Heights;
Pave to Guardrail Face

New L-Shaped Retaining
Wall (See Detail this Sheet)

existing 3x3x3
conc. anchor block

Hawaii Country Club
Golf Course #
Driving Range

Sta. 208+90± to # Sta. 211+52± Rt.
Adjust Guardrail Post Heights;
Pave to Guardrail Face

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4-8-93
QUANTITIES BY	CHECKED BY	
NO.		

6-3-93	Added Notes: Guardrail Adjustments and 4'x4' Box Culvert
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUNIA ROAD RESURFACING

H-1 Freeway to Vicinity
of Driving Range

Fed. Aid Proj. No. STP-0750(8)

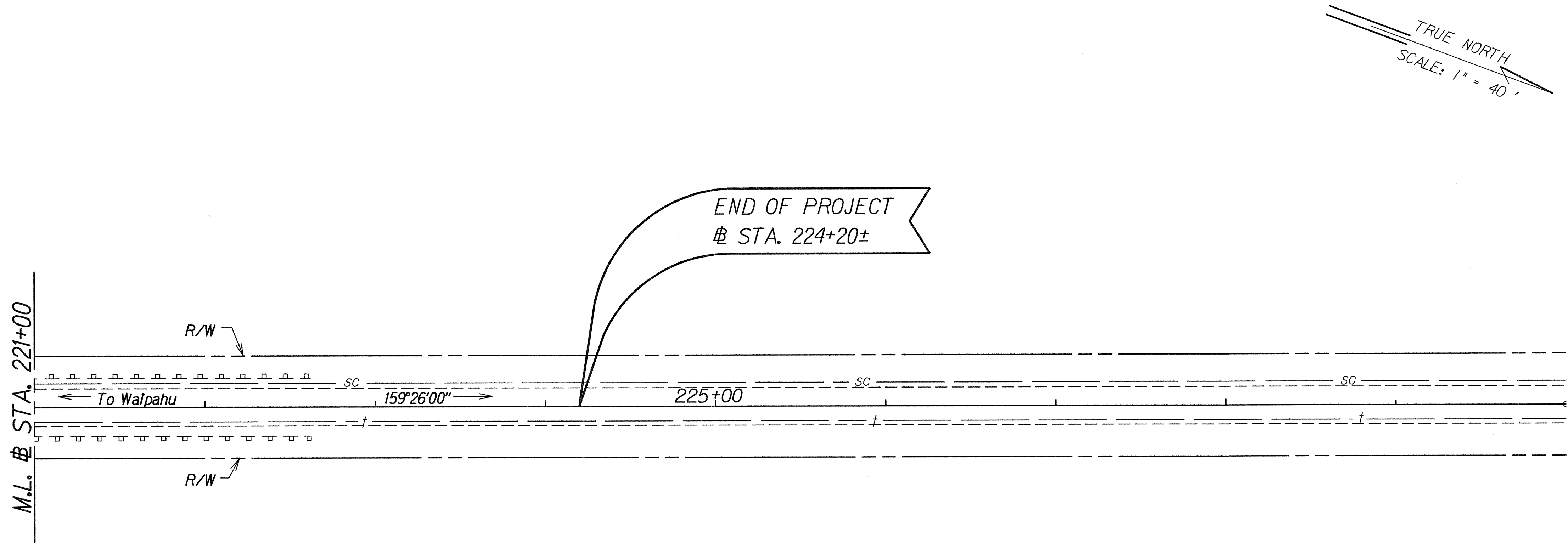
Scale: 1"=40' Date: Feb., 1993

SHEET No. 7 OF 8 SHEETS

"AS-BUILT"

ADD. 12

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0750(8)	1993	13	26



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4/93
of the roadway project	TRACED BY	
N.	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
KUNIA ROAD RESURFACING
H-1 Freeway to Vicinity
of Driving Range
Fed. Aid Proj. No. STP-0750(8)
Scale: 1"=40' Date: Feb., 1993
SHEET No. 8 OF 8 SHEETS