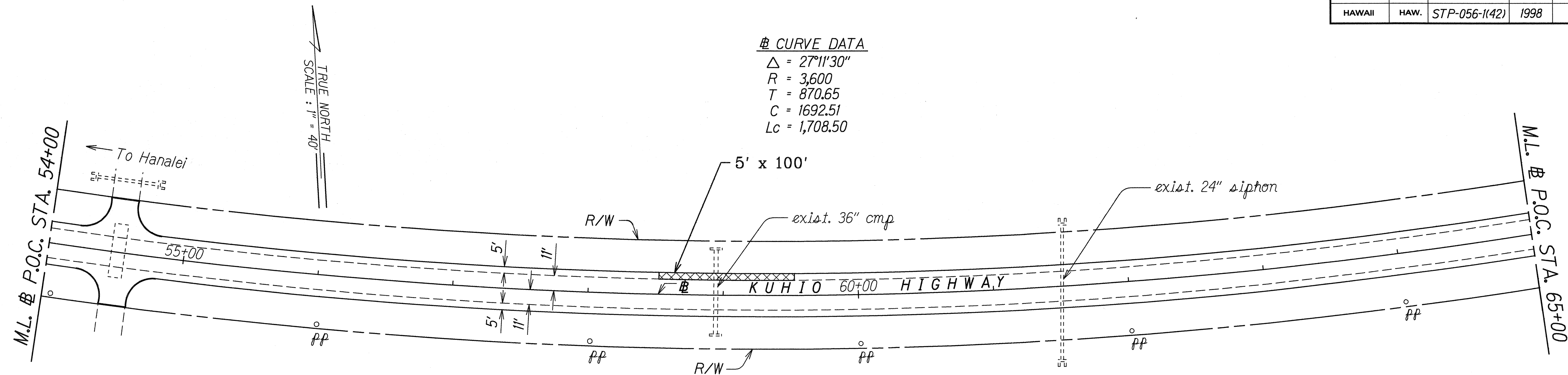
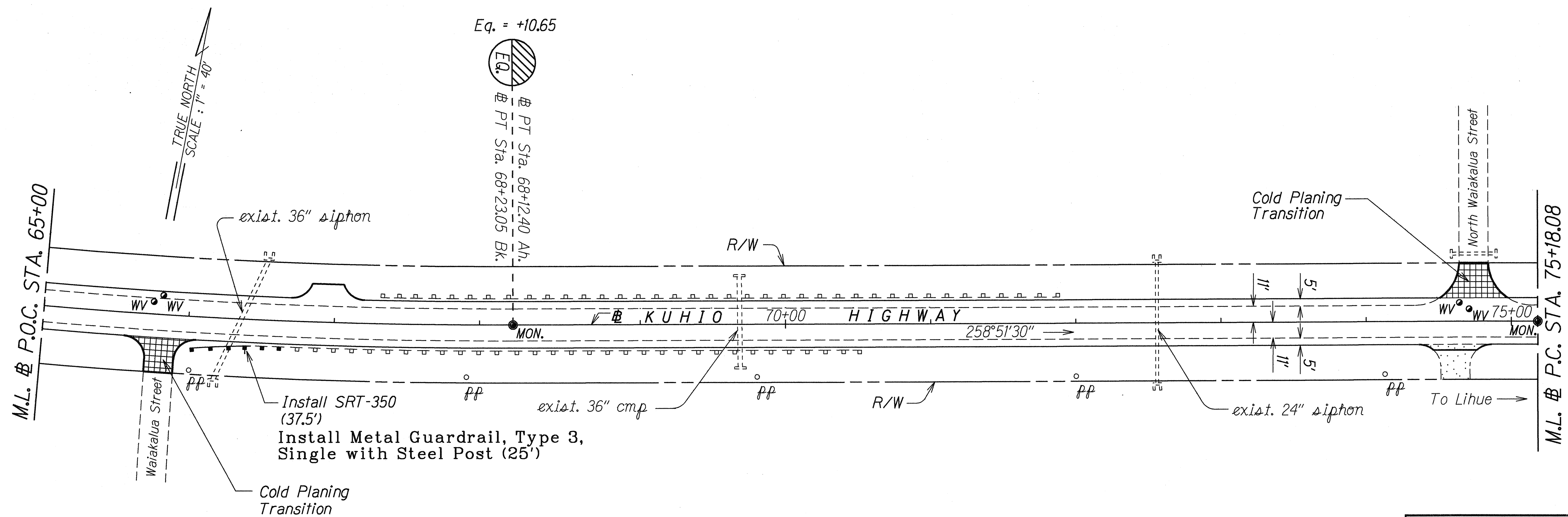


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	9	35



CURVE DATA
 $\Delta = 27^{\circ}11'30''$
 $R = 3,600$
 $T = 870.65$
 $C = 1692.51$
 $L_c = 1,708.50$



Install SRT-350 (37.5')
 Install Metal Guardrail, Type 3, Single with Steel Post (25')

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KUHIO HIGHWAY REHABILITATION
Waialua Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

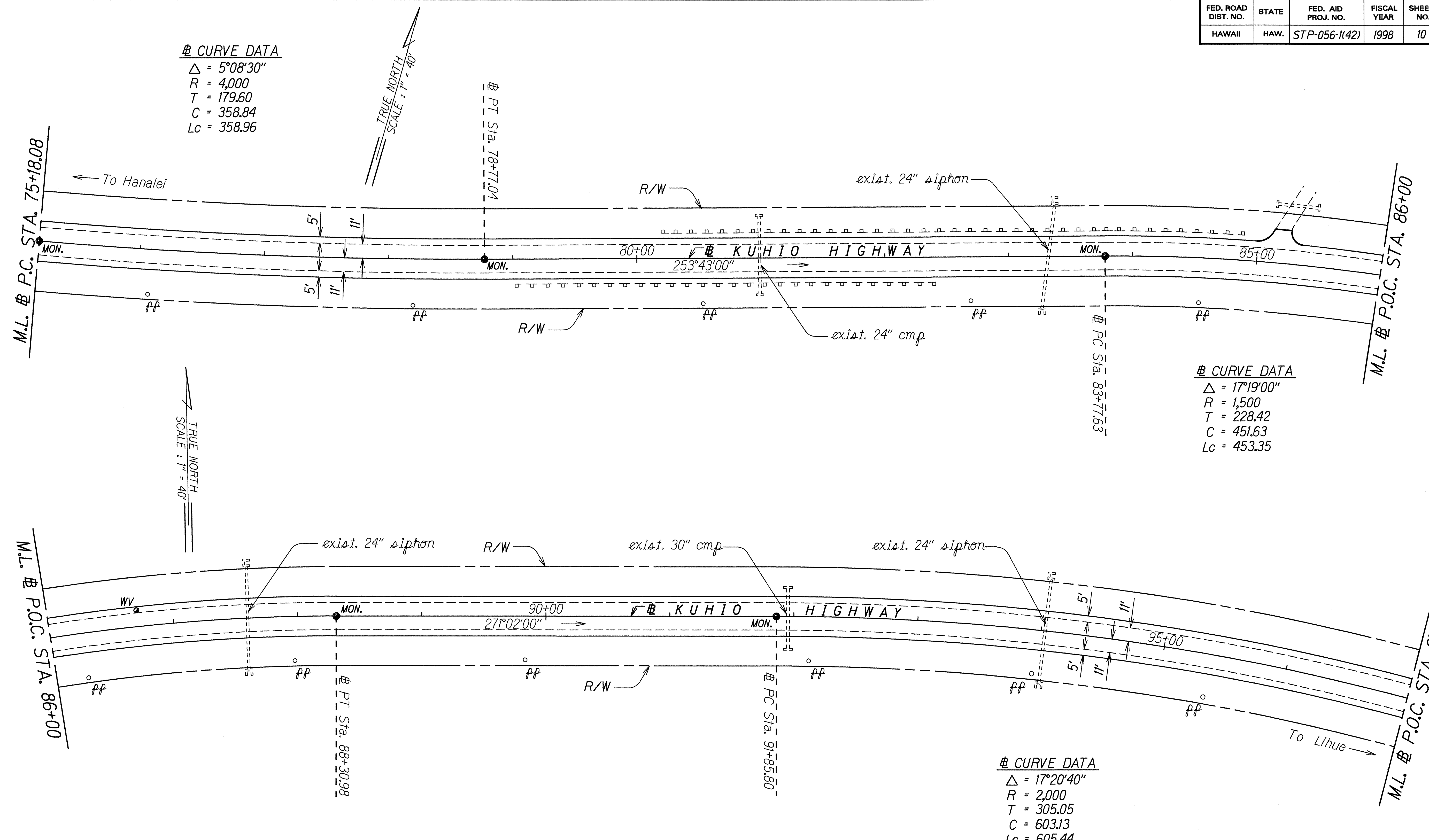
Scale: 1"=40'
Date: May, 1998

SHEET No. 2 OF 12 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLATTED BY	3/08/98
DRAWN BY	R. Acob
DESIGNED BY	R. Acob
CHECKED BY	R. Acob
NOTED BY	R. Acob
APPROVED BY	R. Acob

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	10	35



ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

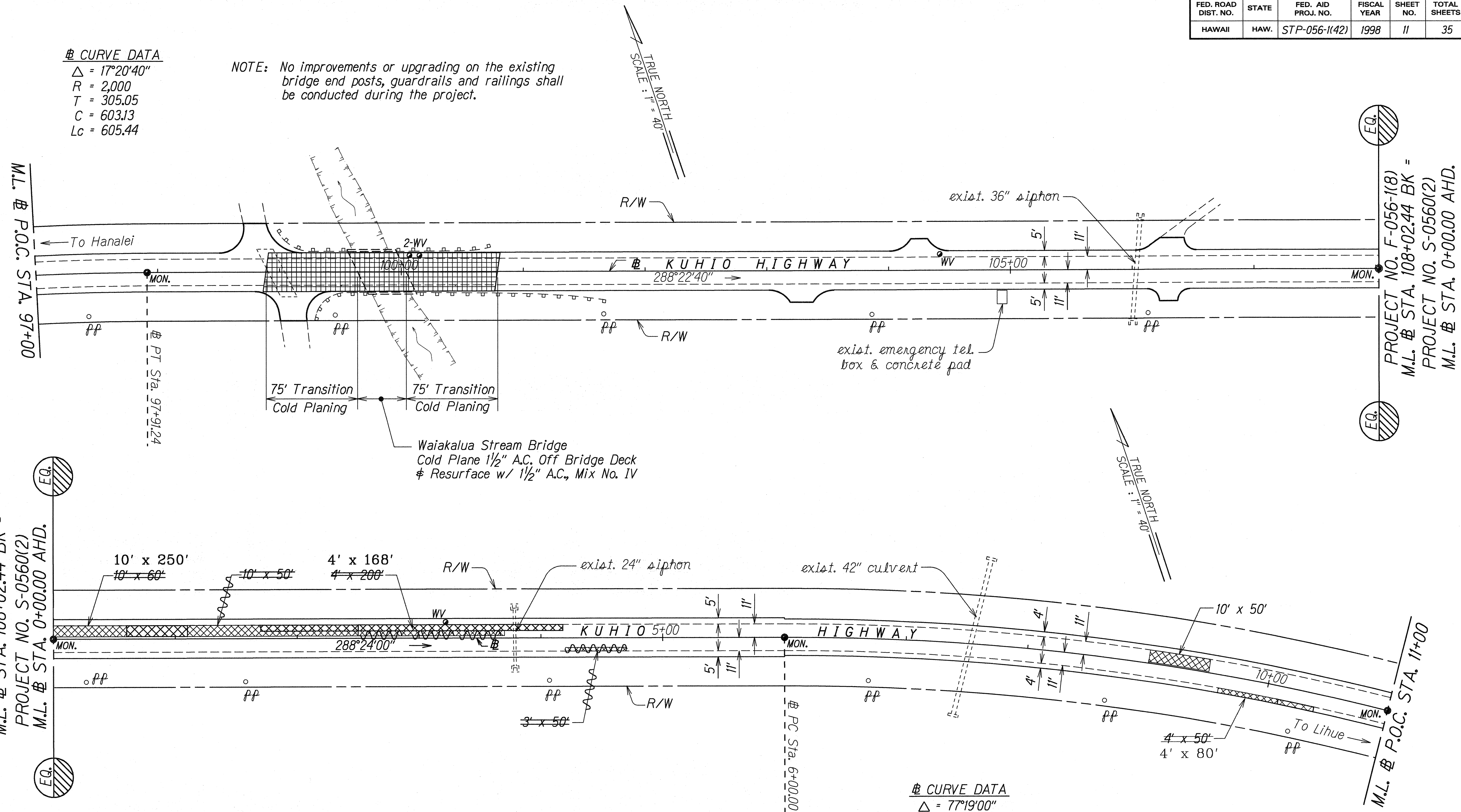
Scale: 1"=40'
Date: May, 1998

SHEET No. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	11	35

CURVE DATA
 $\Delta = 17^{\circ}20'40''$
 $R = 2,000$
 $T = 305.05$
 $C = 603.13$
 $L_c = 605.44$

NOTE: No improvements or upgrading on the existing bridge end posts, guardrails and railings shall be conducted during the project.



PROJECT NO. F-056-1(8)
M.L. # STA. 108+02.44 BK =
PROJECT NO. S-0560(2)
M.L. # STA. 0+00.00 AHD.

PROJECT NO. F-056-1(8)
M.L. # STA. 108+02.44 BK =
PROJECT NO. S-0560(2)
M.L. # STA. 0+00.00 AHD.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	3-08-98
DRAWN BY	R. Acob
DESIGNED BY	R. Acob
CHECKED BY	
NOTED BY	
APPROVED BY	

CURVE DATA
 $\Delta = 77^{\circ}19'00''$
 $R = 2,000$
 $T = 1,599.92$
 $C = 2,498.70$
 $L_c = 2,698.86$

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

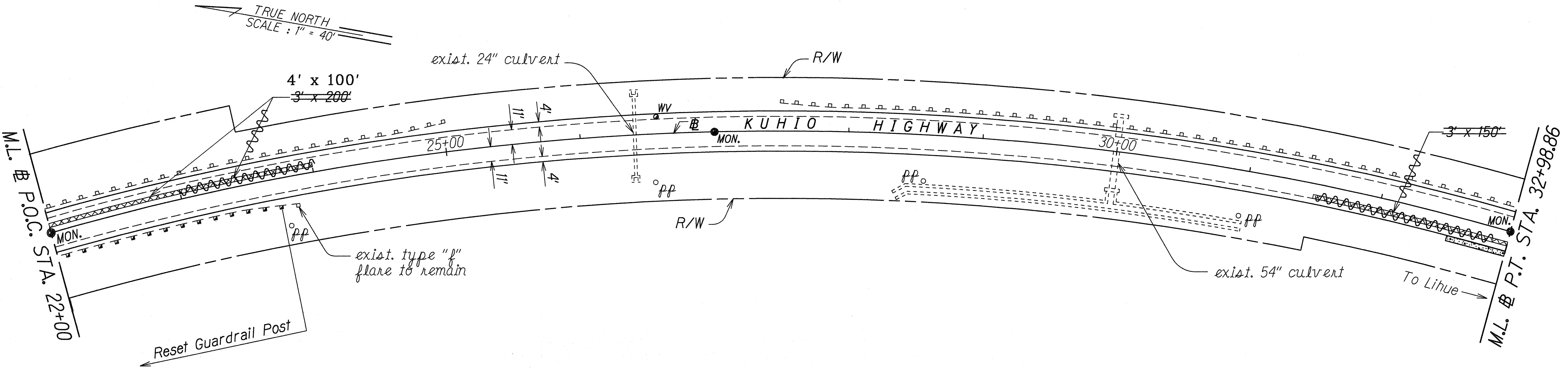
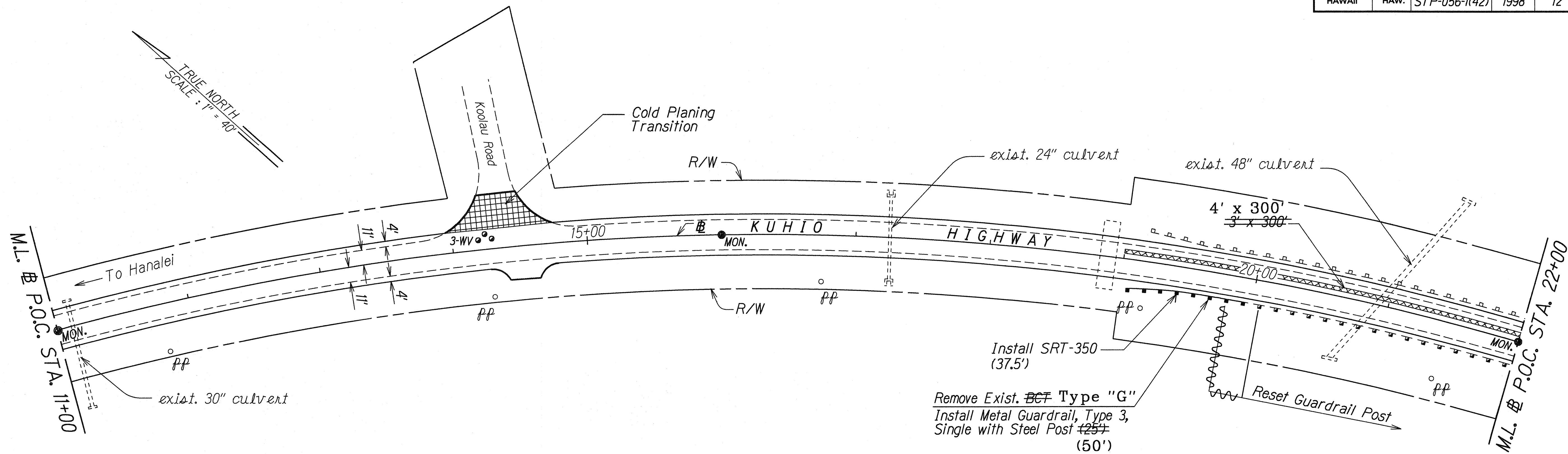
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40'
Date: May, 1998
SHEET NO. 4 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	12	35



⊕ CURVE DATA
 $\Delta = 77^{\circ}19'00''$
 $R = 2,000$
 $T = 1,599.92$
 $C = 2,498.70$
 $L_c = 2,698.86$

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

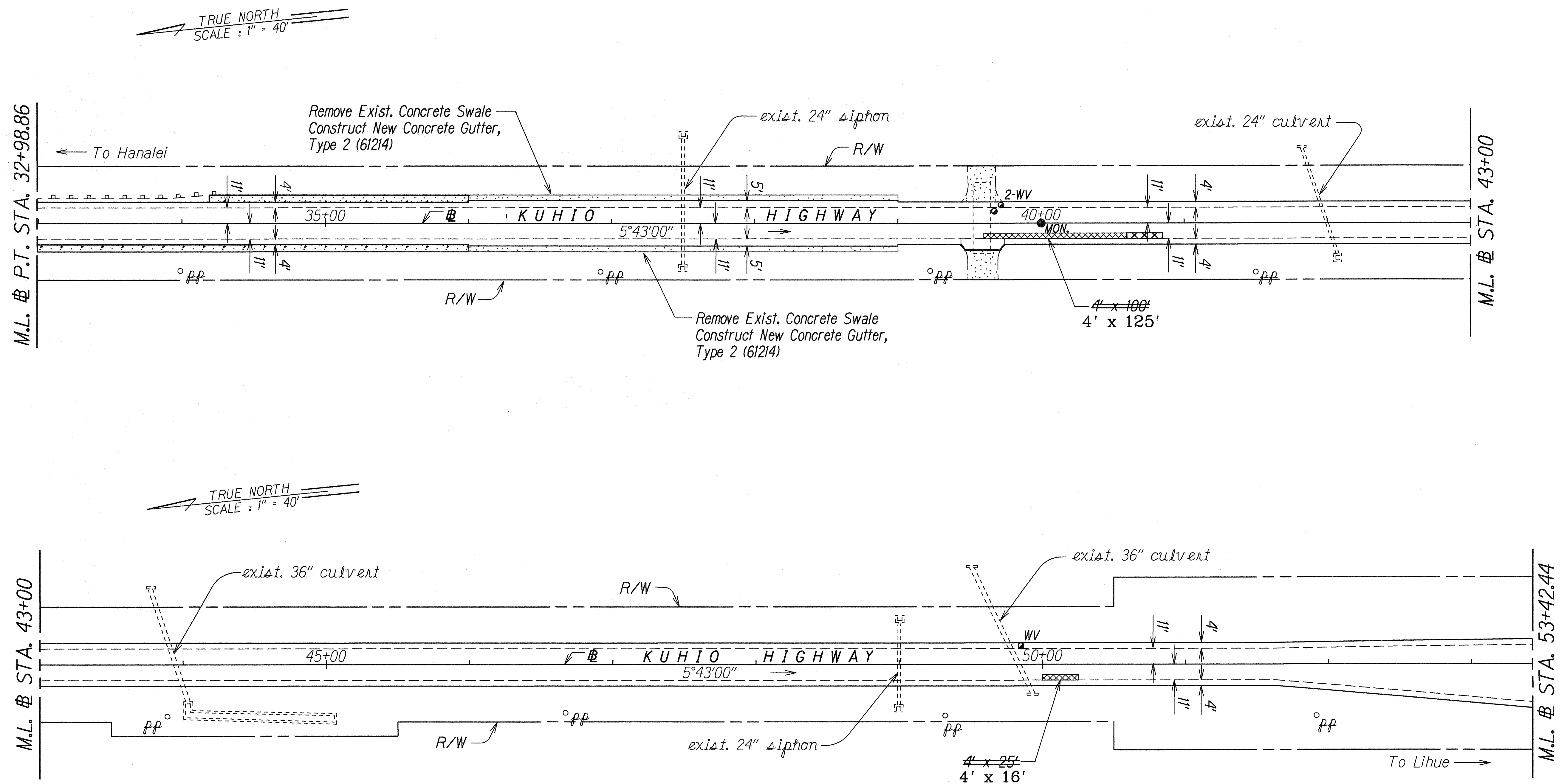
Scale: 1"=40'
Date: May, 1998

SHEET No. 5 OF 12 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	3/08/98
DRAWN BY	
DESIGNED BY	
CHECKED BY	
APPROVED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	13	35



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	3-08-98
102-1000	DESIGNED BY	
102-1000	CHECKED BY	

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

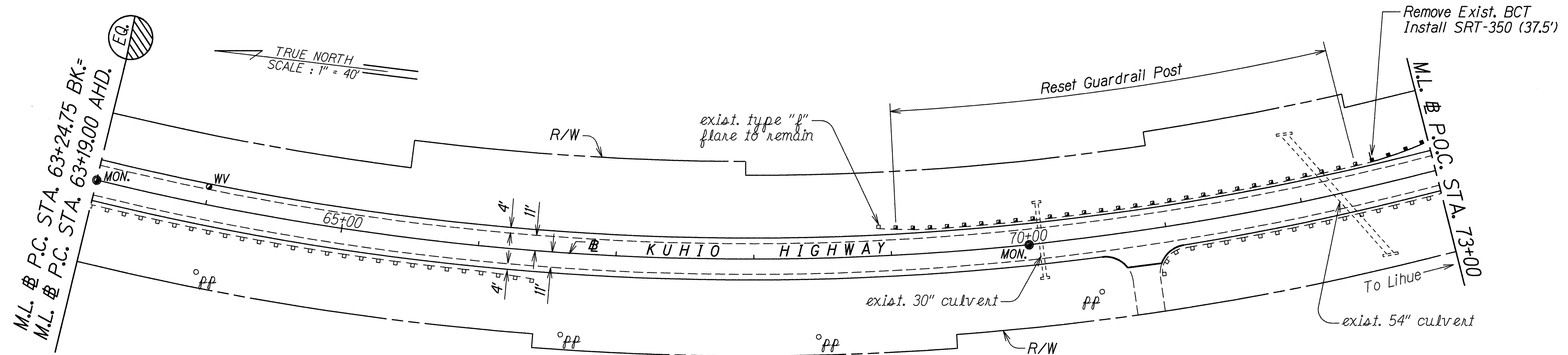
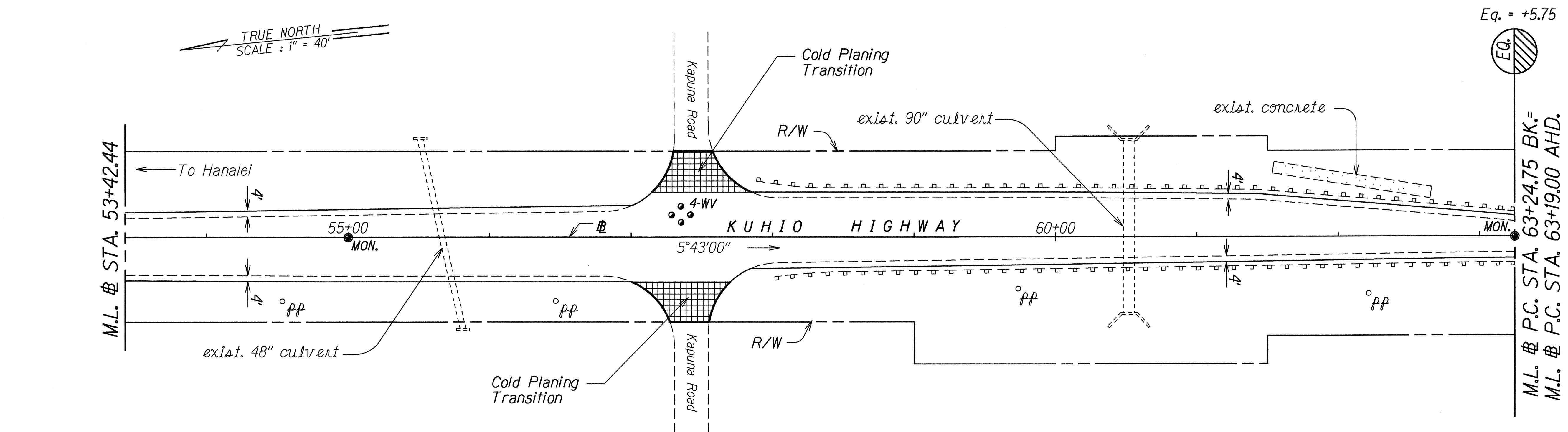
KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40' Date: May, 1998

SHEET No. 6 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	14	35



Δ CURVE DATA
Δ = 54°28'00"
R = 2,000
T = 1,029.33
C = 1,830.46
Lc = 1,901.25

ORIGINAL PLAN	DATE	3-18-98
SURVEY PLOTTED BY		
DRAWN BY		
DESIGNED BY		
CHECKED BY		
NOTED BY		
DATE		
BY		

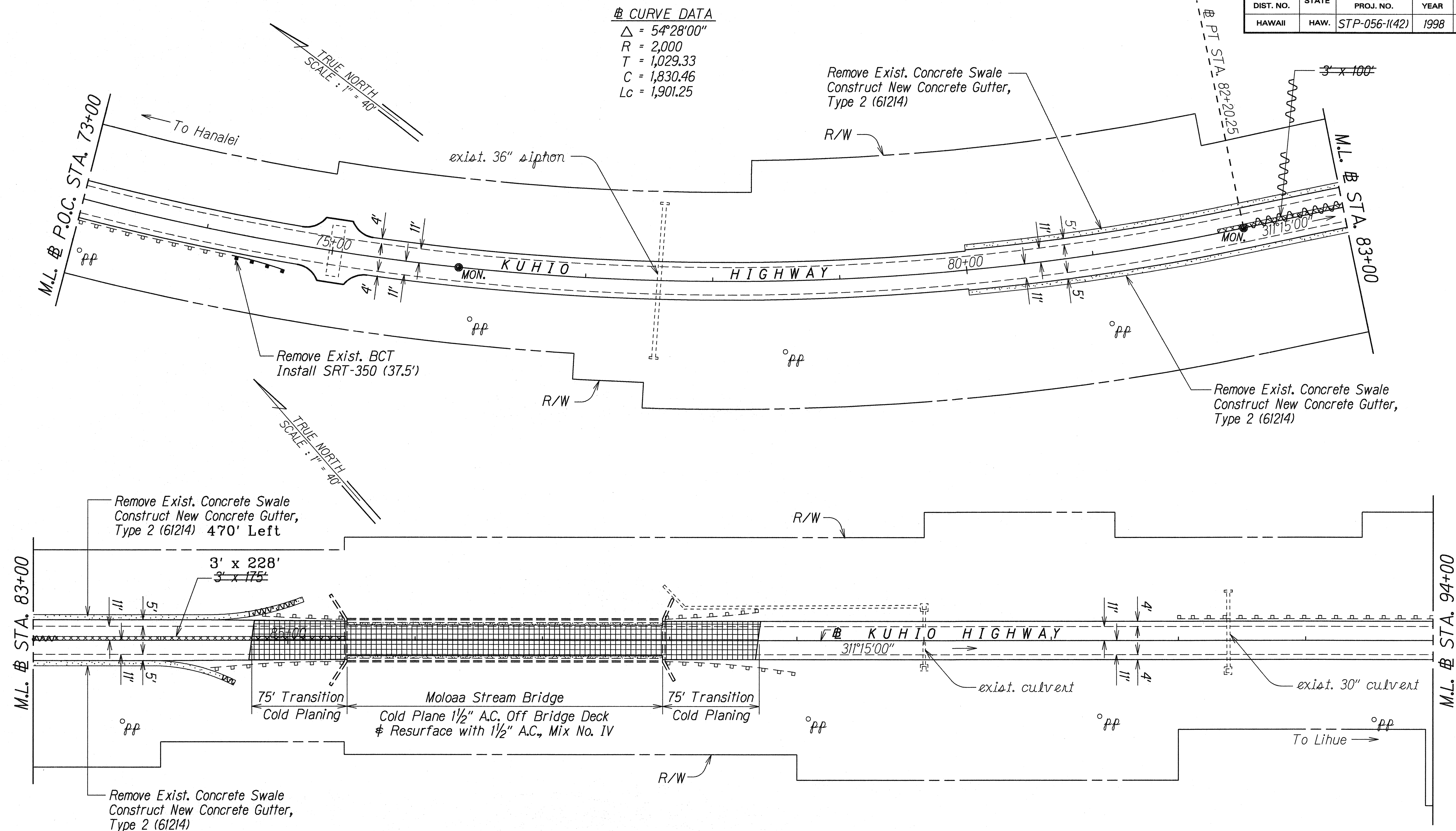
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40'
Date: May, 1998

SHEET No. 7 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	15	35



NOTE: No improvements or upgrading on the existing bridge end posts, guardrails and railings shall be conducted during the project.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY B. A. 1000	3-09-98
DESIGNED BY B. A. 1000		
CHECKED BY		

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

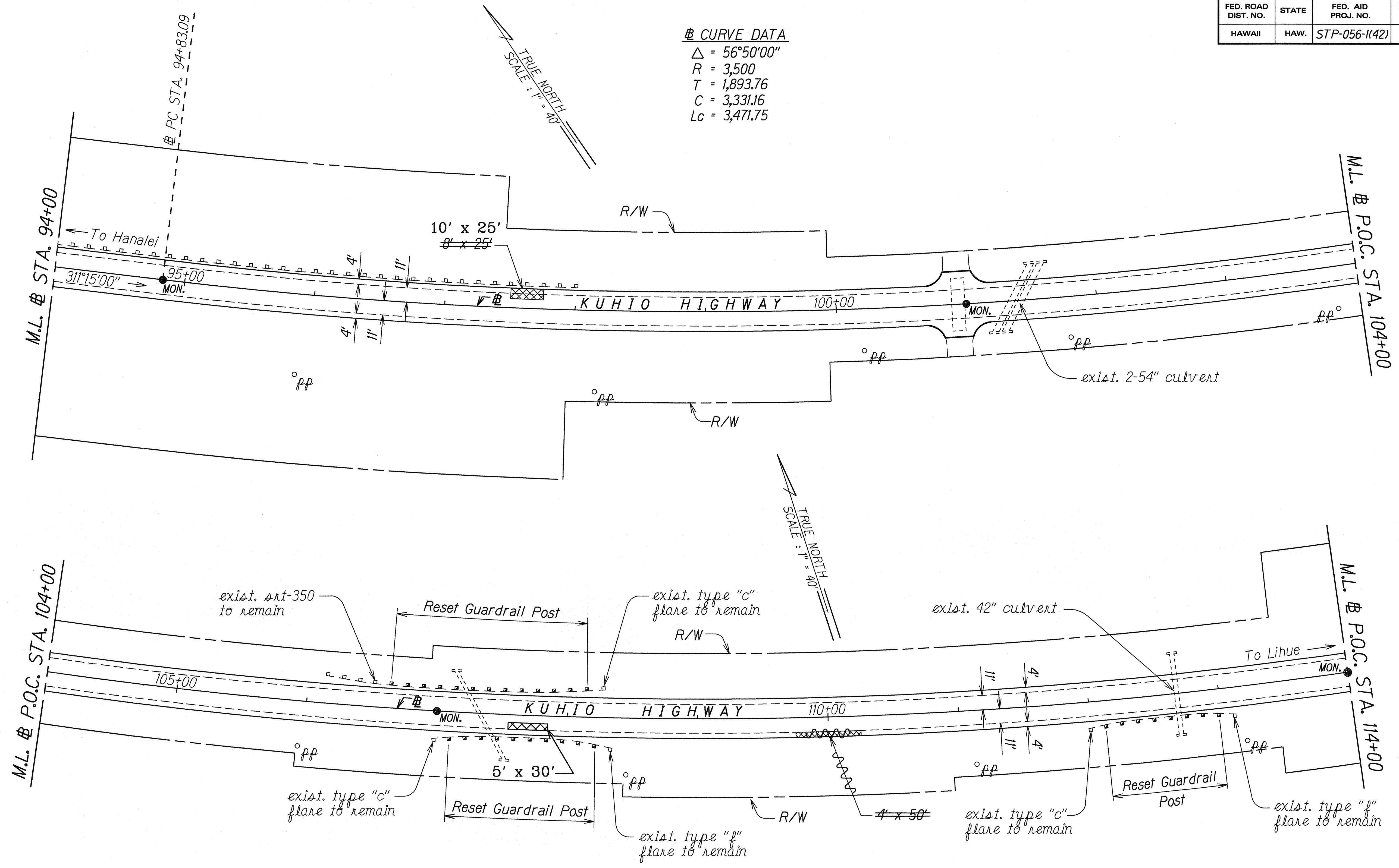
ROADWAY PLAN

KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40'
Date: May, 1998
SHEET NO. 8 OF 12 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	16	35



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	3/09/98
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40'
Date: May, 1998

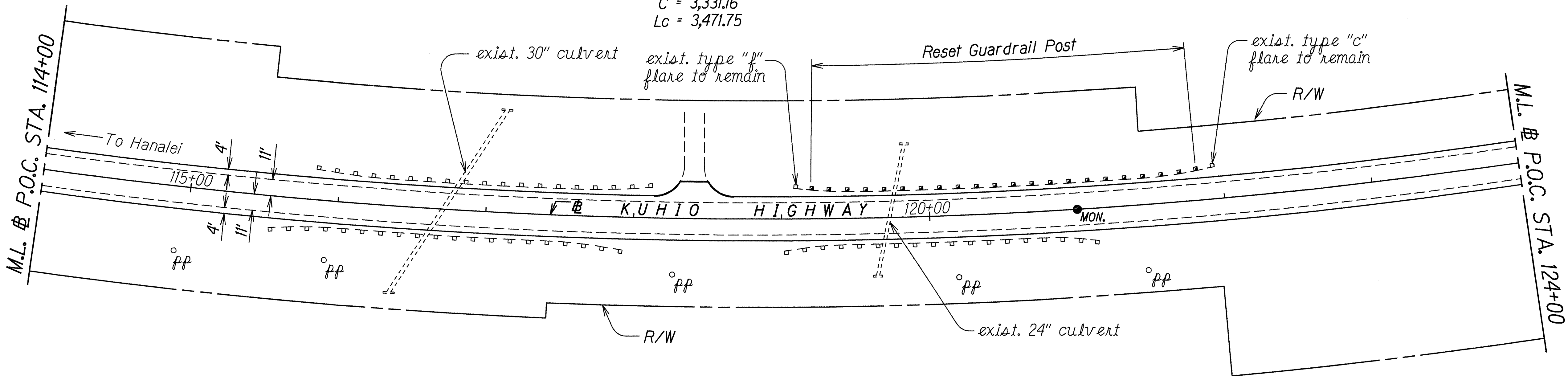
SHEET No. 9 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	17	35

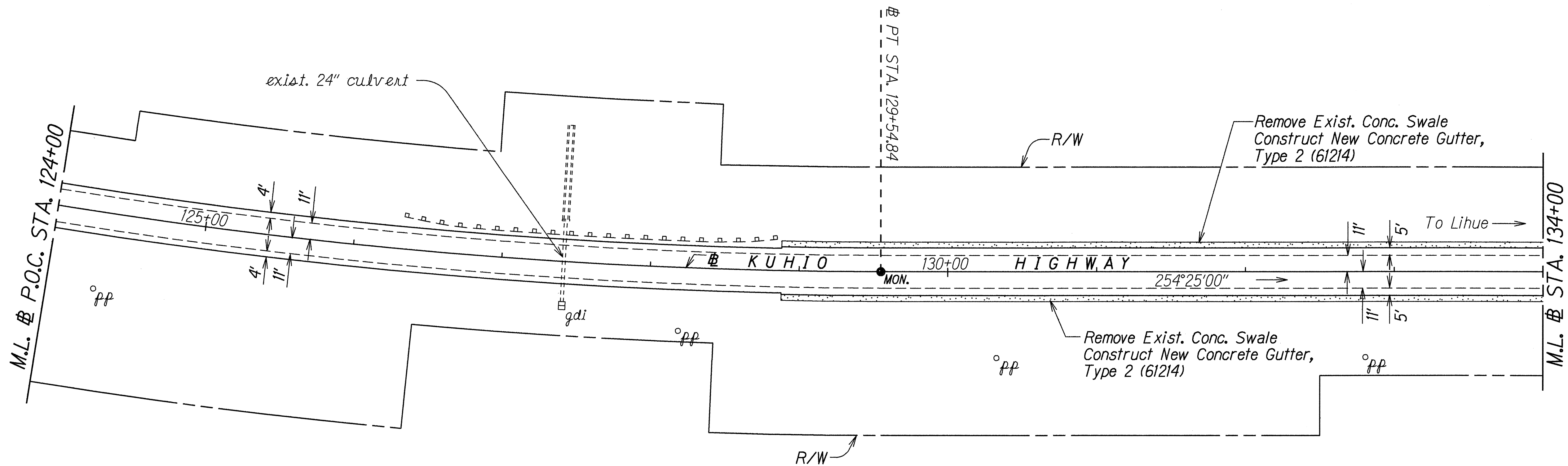
⊕ CURVE DATA

$\Delta = 56^{\circ}50'00''$
 $R = 3,500$
 $T = 1,893.76$
 $C = 3,331.16$
 $Lc = 3,471.75$

TRUE NORTH
SCALE: 1" = 40'



TRUE NORTH
SCALE: 1" = 40'



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	3-10-98
QUANTITIES BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

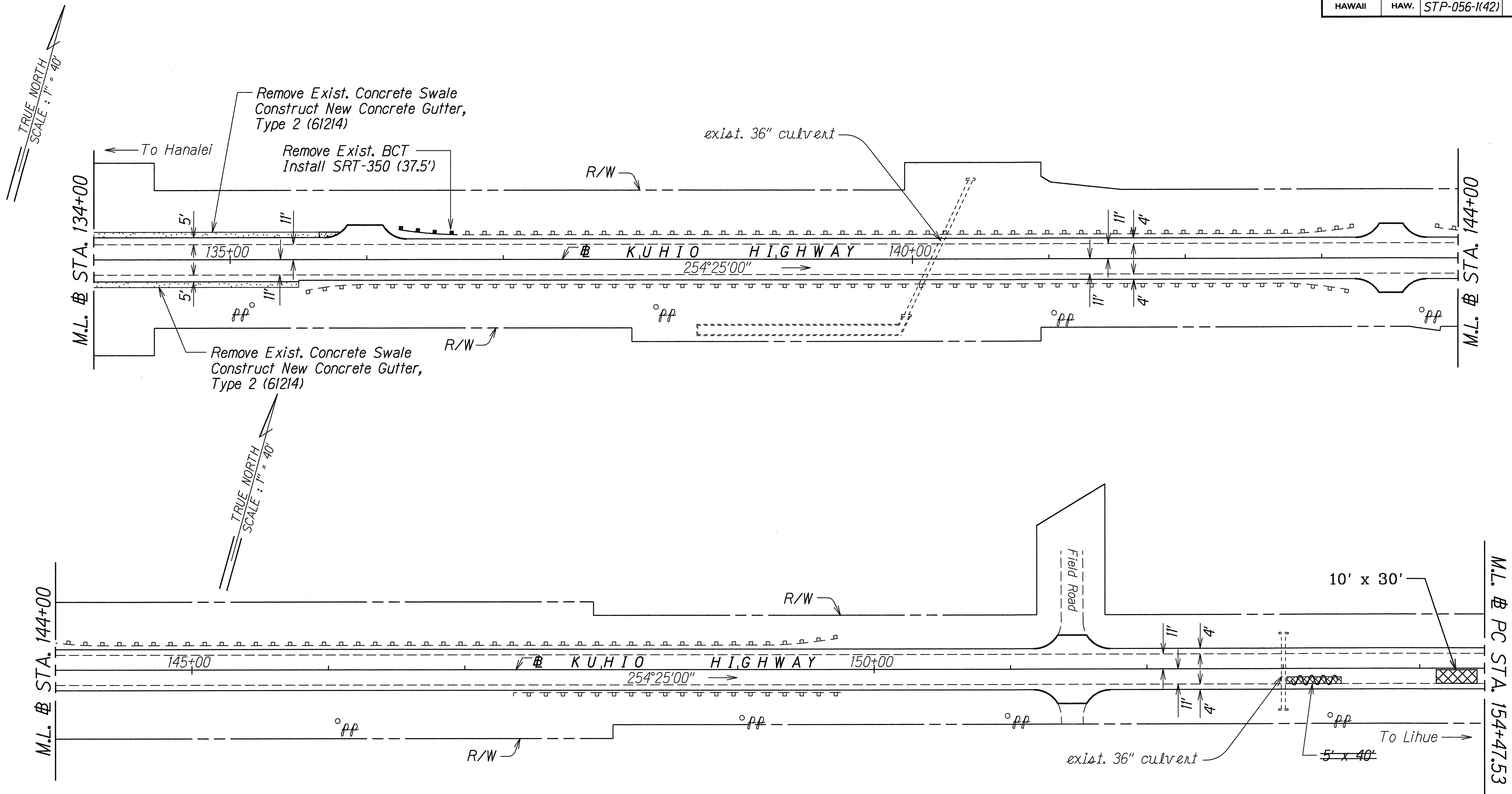
ROADWAY PLAN

KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40' Date: May, 1998

SHEET No. 10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	18	35



ORIGINAL PLAN	SURVEY PLATTED BY	DATE
NOTED BY	DRAWN BY	3-02-98
DESIGNED BY	DESIGNED BY	
CHECKED BY	CHECKED BY	

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

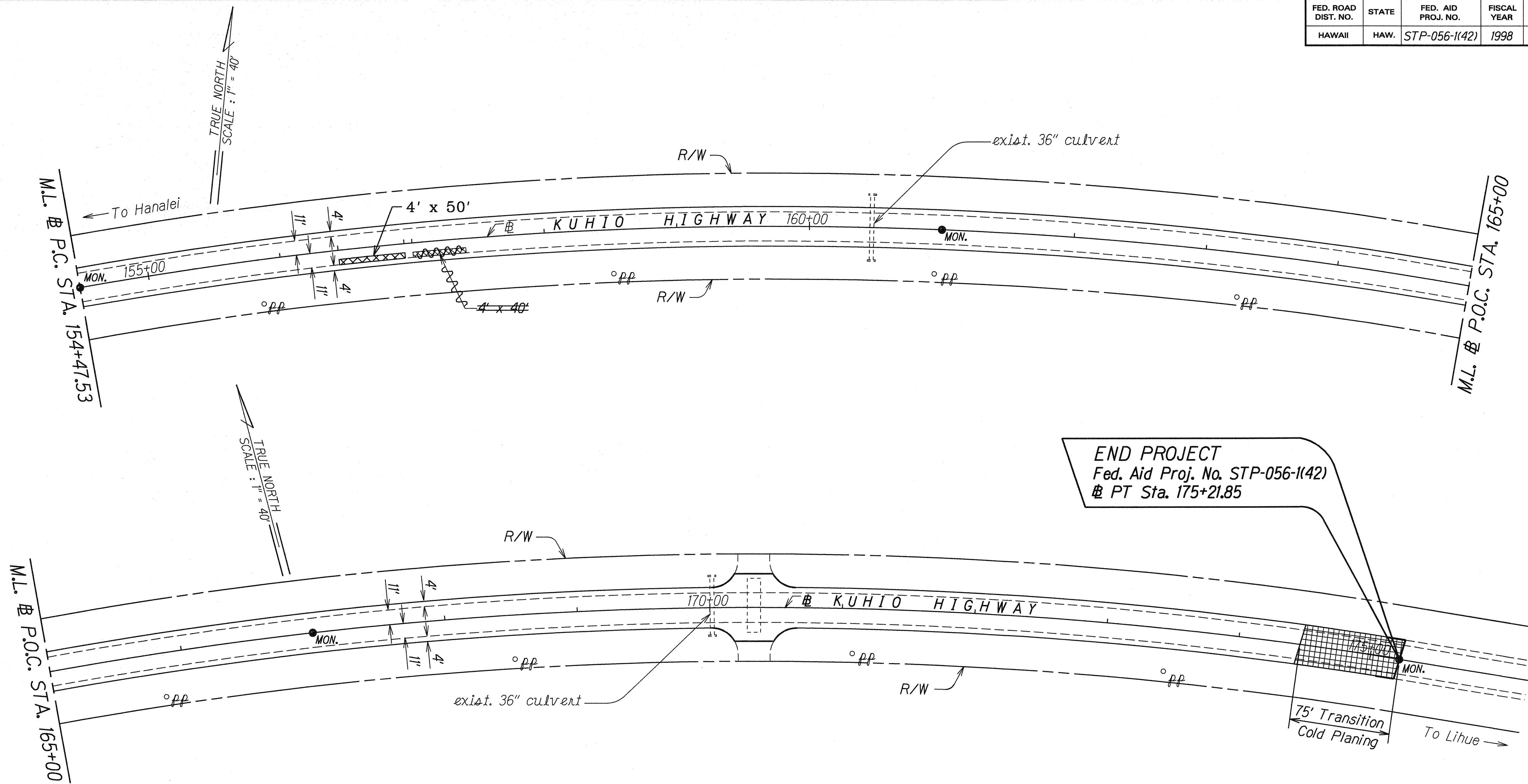
ROADWAY PLAN

KUHIO HIGHWAY REHABILITATION
Wailapa Road to Vicinity of Koolau Road
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40'
Date: May, 1998

SHEET No. 11 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-056-1(42)	1998	19	35



END PROJECT
Fed. Aid Proj. No. STP-056-1(42)
PT Sta. 175+21.85

CURVE DATA
 $\Delta = 39^\circ 37' 00''$
 $R = 3,000$
 $T = 1,080.56$
 $C = 2,033.25$
 $Lc = 2,074.32$

ORIGINAL PLAN	SURVEY PLACED BY	DATE
	DRAWN BY B. Acob	3/02/98
	NOTED BY	
	DESIGNED BY B. Acob	
	QUANTITIES BY	
	CHECKED BY	

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY REHABILITATION  
Wailapa Road to Vicinity of Koolau Road  
Federal Aid Proj. No. STP-056-1(42)

Scale: 1"=40'      Date: May, 1998

SHEET No. 12 OF 12 SHEETS