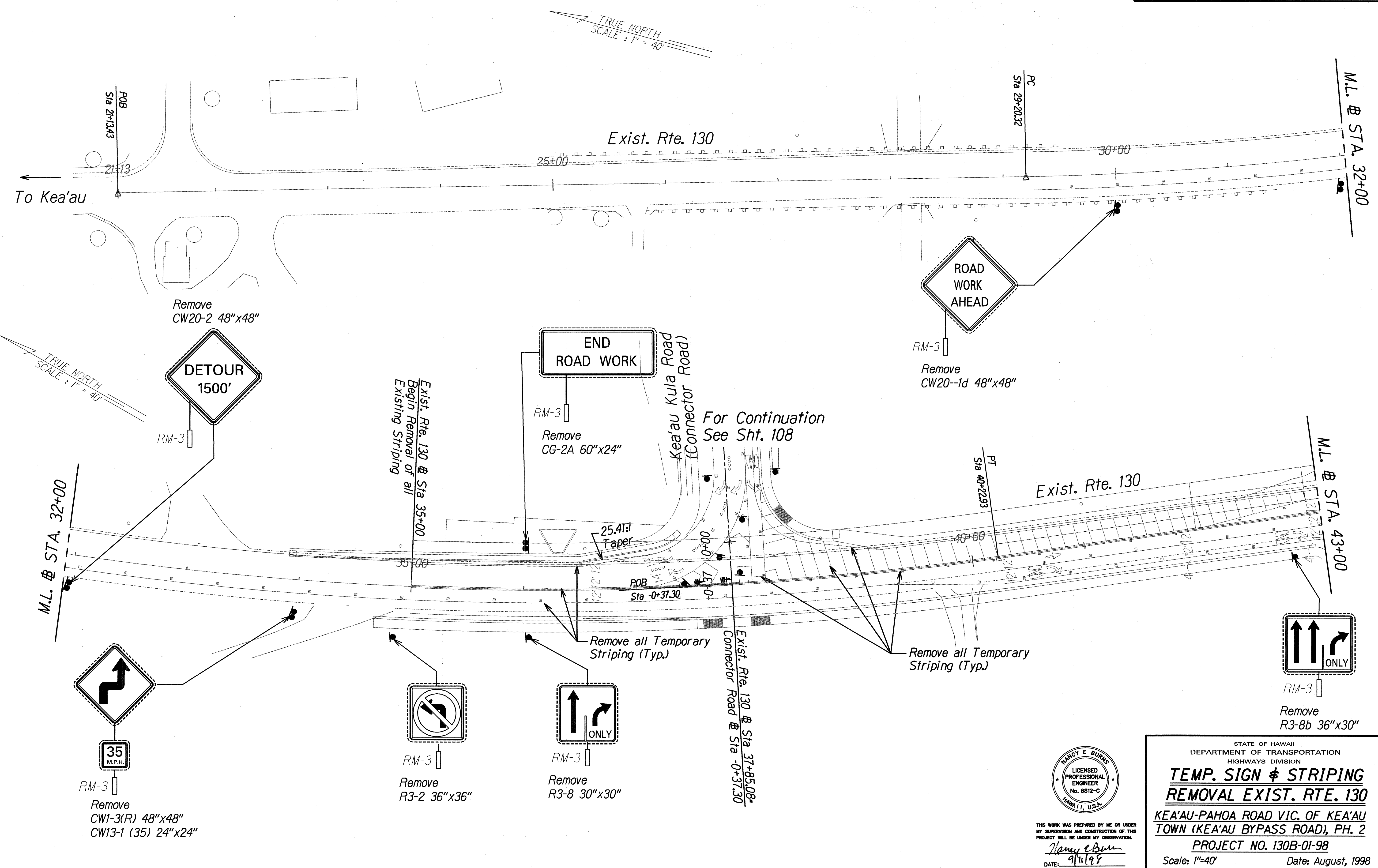
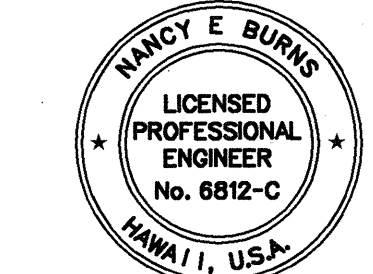


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	103	210



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DESIGNED BY	
CHECKED BY	



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Nancy E. Burns
DATE: 9/11/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. SIGN & STRIPING
REMOVAL EXIST. RTE. 130**

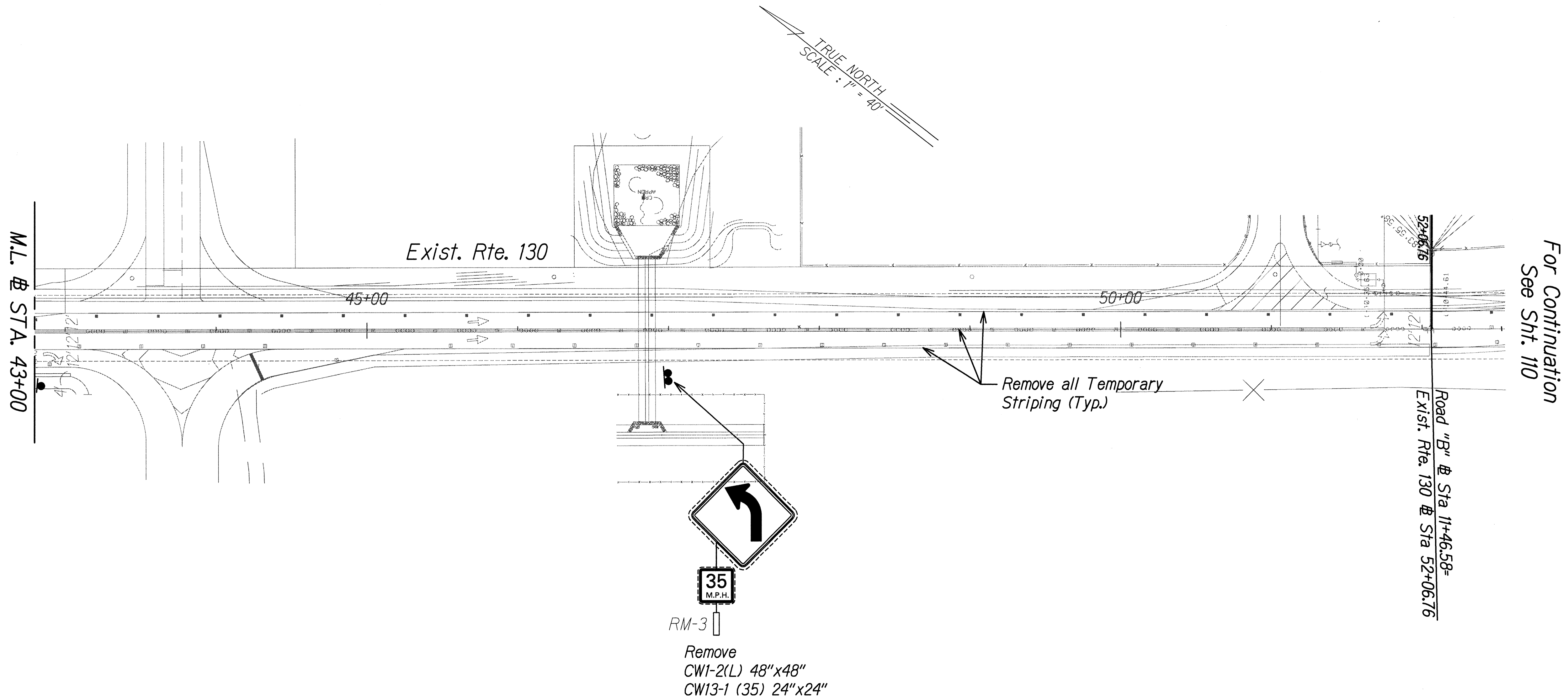
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2

PROJECT NO. 130B-01-98

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

SHEET NO. 1 OF 9 SHEETS

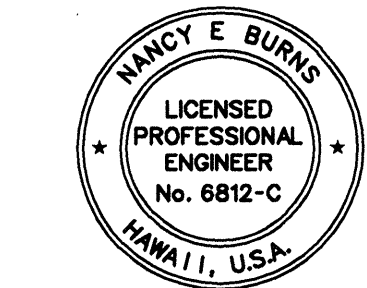
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	104	210



For Continuation
See Sht. 110

Remove
CW1-2(L) 48"x48"
CW13-1 (35) 24"x24"

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No. 10/20/2007	



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Nancy E. Burns
DATE: 8/24/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. SIGN & STRIPING
REMOVAL EXIST. RTE. 130**
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2
PROJECT NO. 130B-01-98
Scale: 1"=40' Date: August, 1998

SHEET No. 2 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	105	210

TRUE NORTH
SCALE : 1" = 40'

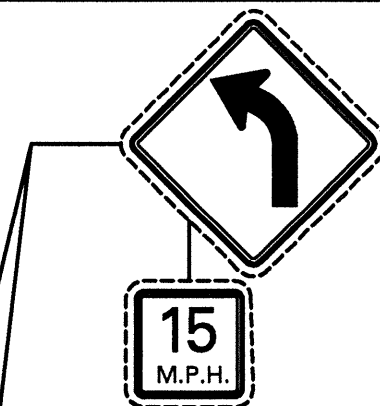
Remove
R11-2 48"x30" W/
Type III Road
Barricade. For Detail
See Std. Det. TE-66.

ROAD
CLOSED

CURVE DATA
Δ = 24°00'00"
R = 5001.76'
T = 1063.16'
C = 2079.85'
L = 2095.13'

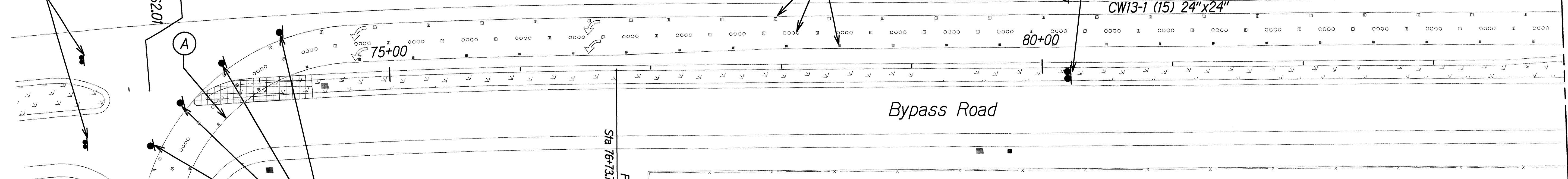
Bypass # Sta 73+15.78=
Kea'au Kula Road
(Connector Road) Sta 21+62.01

Remove all Temporary
Striping (Typ.)



Remove
CW1-2 (L) 48"x48"
CW13-1 (15) 24"x24"

M.L. # STA. 84+00



For Continuation
See Sht. 109

RM-3
Remove
CW1-8 (L) 18"x24"

CURVE DATA
Δ = 40°29'00"
R = 3501.23'
T = 1291.09'
C = 2422.72'
Lc = 2473.86'

Remove all Temporary
Striping, Signs & Reflector
Markers

Remove
R5-1 36"x36"
DO NOT
ENTER

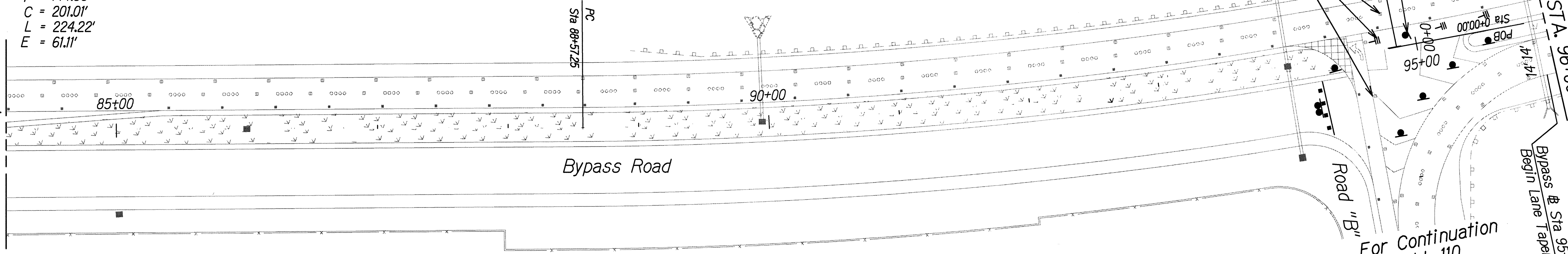
Bypass # Sta 94+89.80
Road "B" Sta 0+00

M.L. # STA. 96+00

A CURVE DATA
Δ = 91°45'47.82"
R = 140.00'
T = 144.38'
C = 201.01'
L = 224.22'
E = 61.11'

TRUE NORTH
SCALE : 1" = 40'

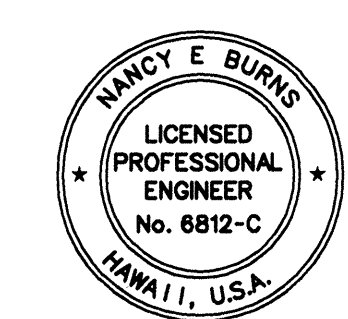
M.L. # STA. 84+00



For Continuation
See Sht. 110

Bypass # Sta 95+58.00
Begin Lane Taper

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



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Nancy E. Burns
DATE: 8/24/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. STRIPING REMOVAL
BYPASS ROAD**

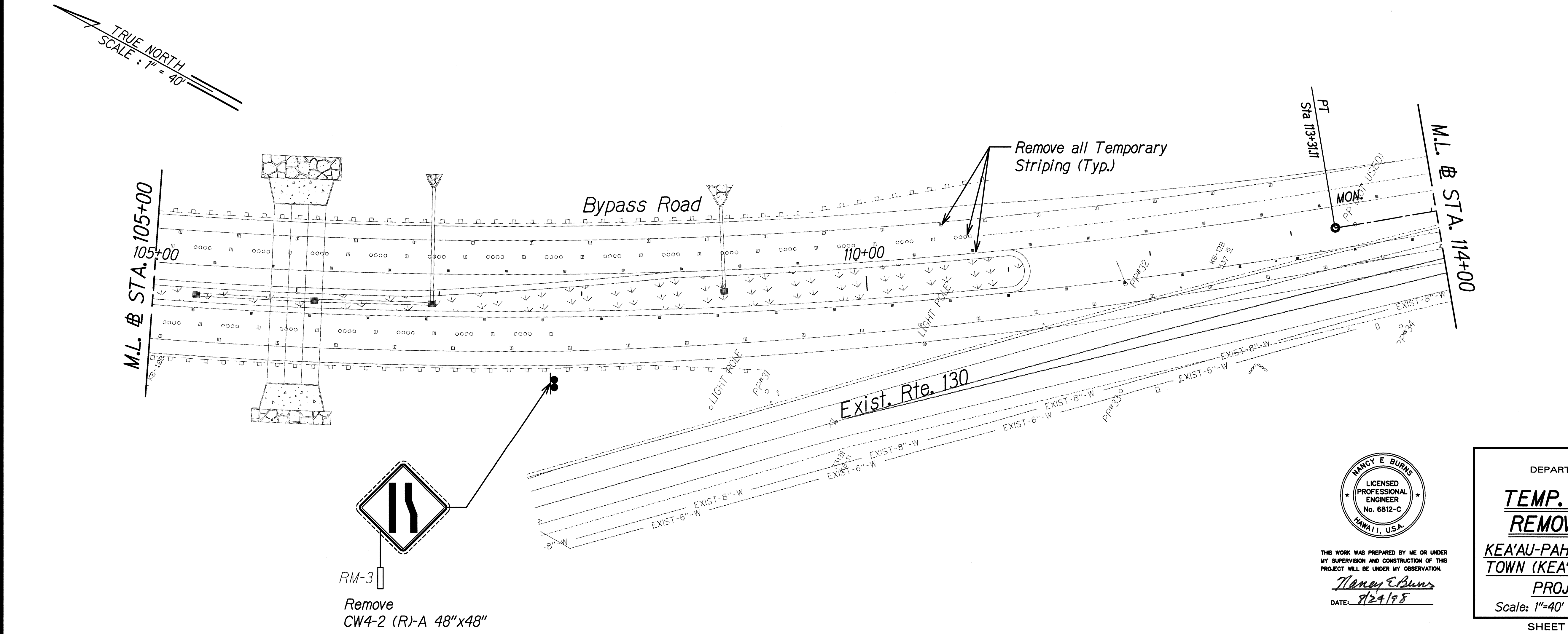
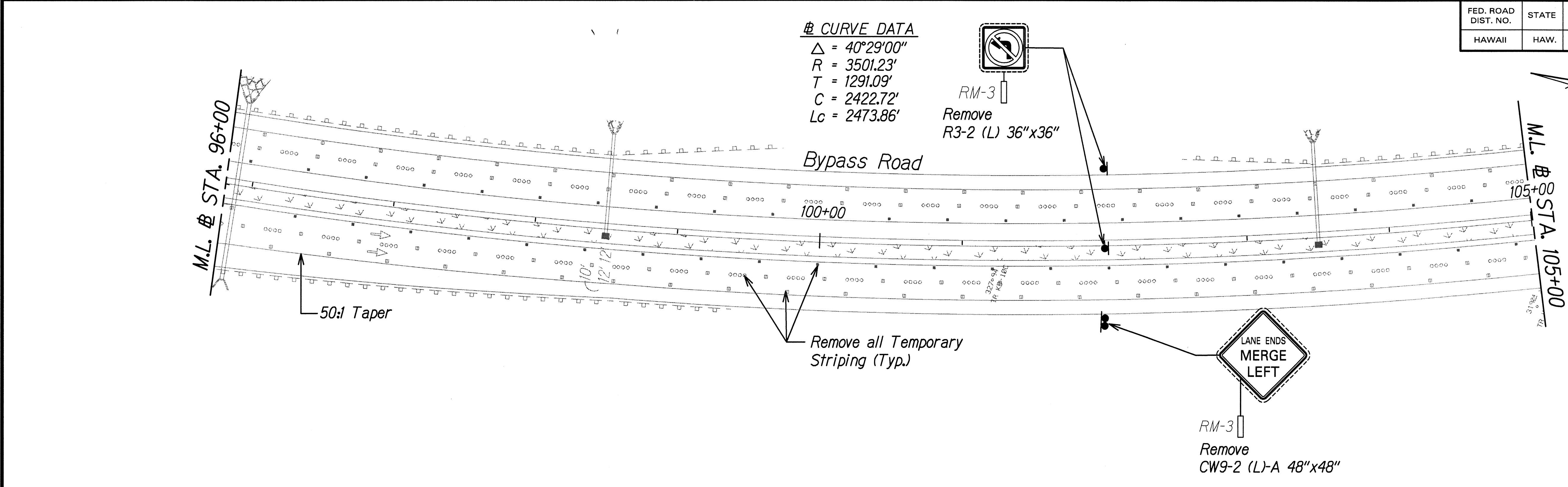
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2

PROJECT NO. 130B-01-98

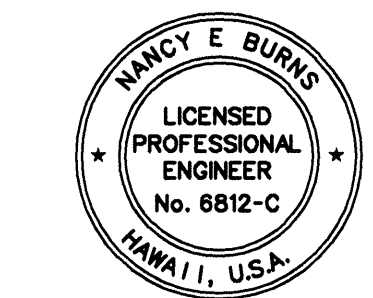
Scale: 1"=40' Date: August, 1998

SHEET No. 3 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	106	210



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTIFIED BY	
	CHECKED BY	
	No. Bypass Sign	



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Nancy E. Burns

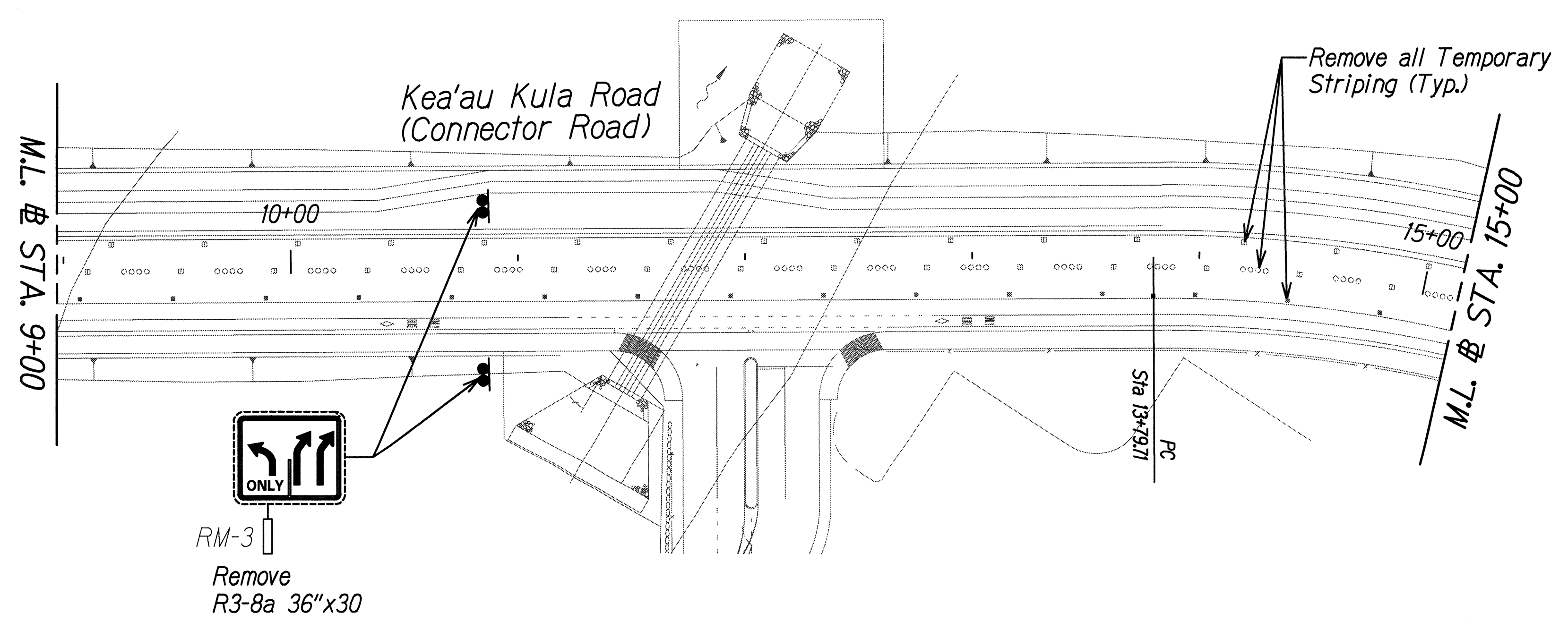
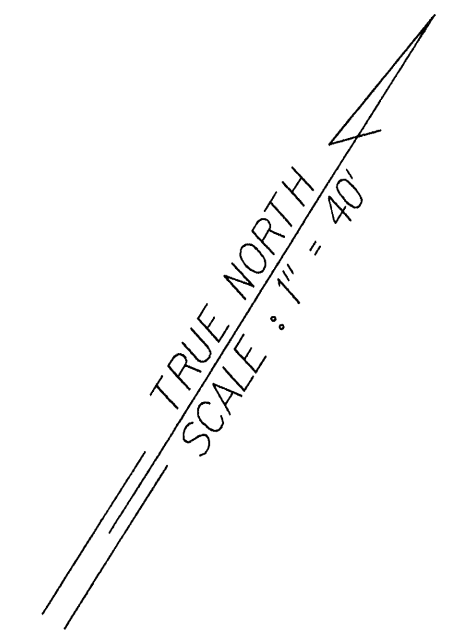
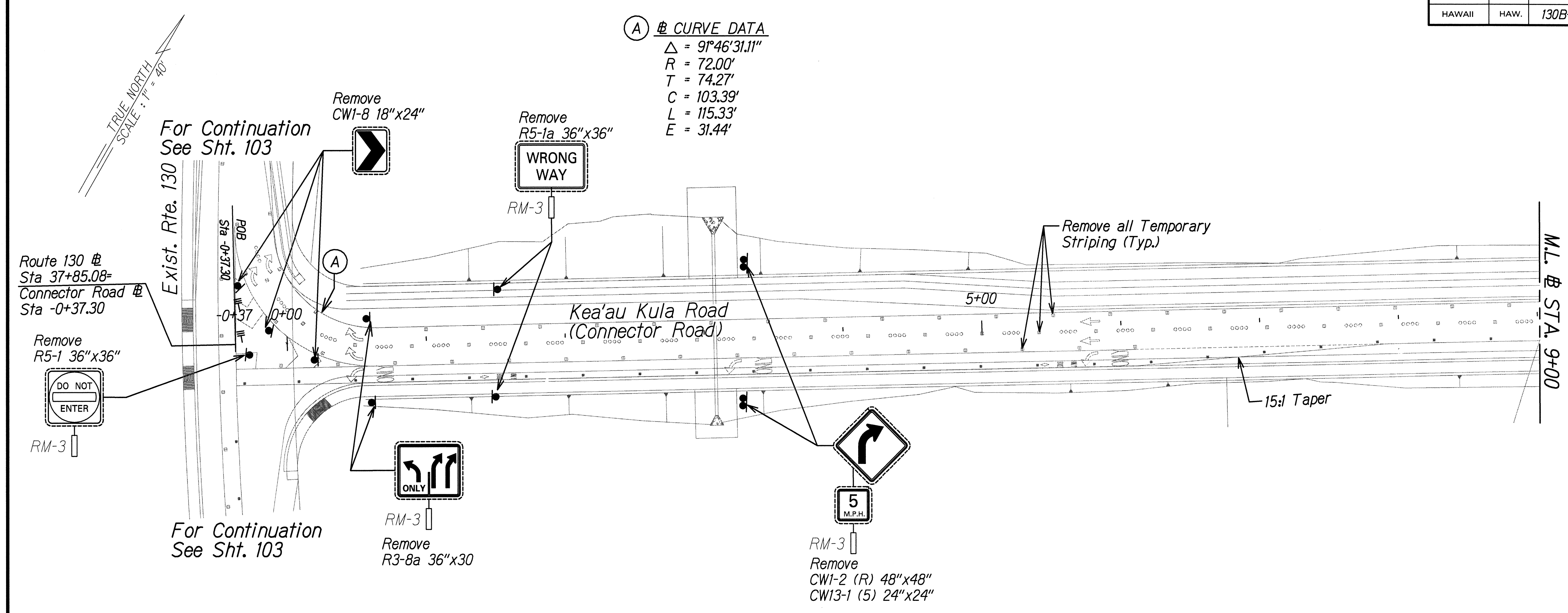
DATE: 8/24/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. SIGN & STRIPING
REMOVAL BYPASS ROAD**
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2
PROJECT NO. 130B-01-98
Scale: 1"=40' Date: August, 1998

SHEET No. 4 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	108	210



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
DATE	_____



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Nancy E. Burns

DATE: 8/24/98

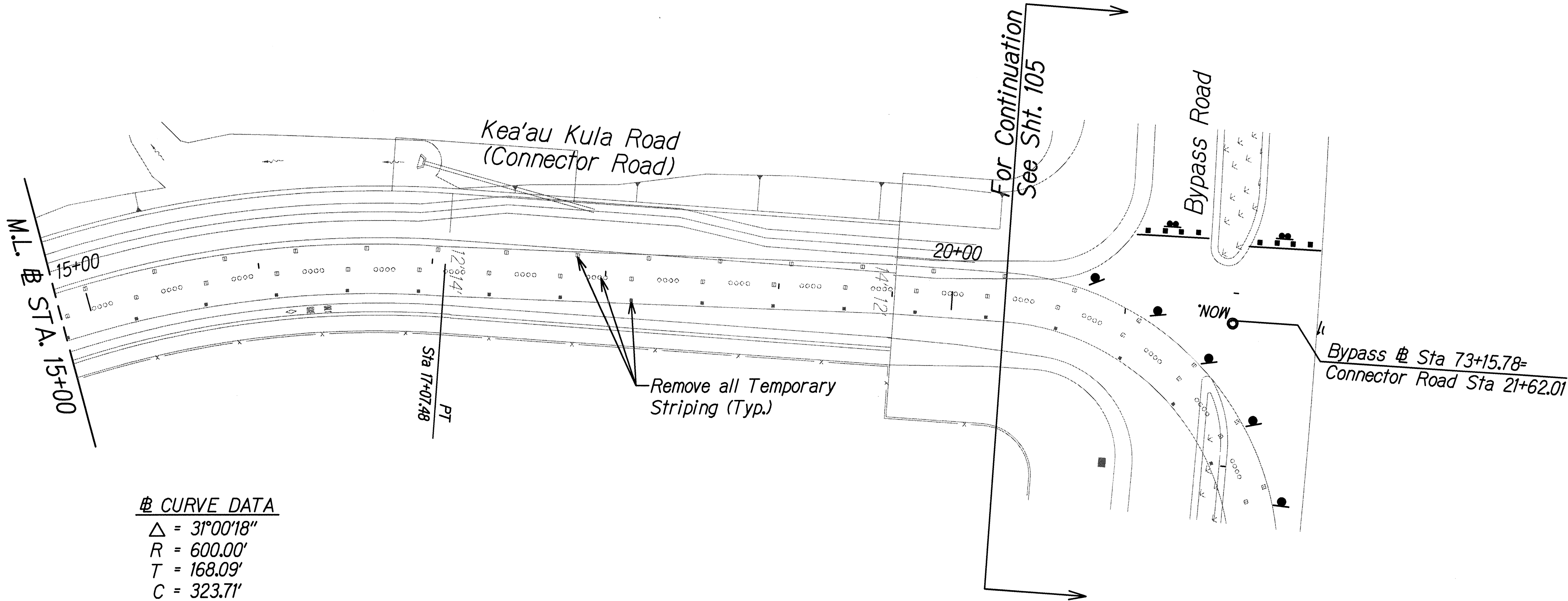
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. SIGN & STRIPING
REMOVAL KEA'AU KULA RD.**
KEA'AU-PAHOA ROAD VIC. OF KEA'AU TOWN (KEA'AU BYPASS ROAD), PH. 2
PROJECT NO. 130B-01-98
Scale: 1"=40' Date: August, 1998

SHEET No. 6 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	109	210

TRUE NORTH
SCALE : 1" = 40'



CURVE DATA
 $\Delta = 31^{\circ}00'18''$
 $R = 600.00'$
 $T = 168.09'$
 $C = 323.71'$
 $L = 327.77'$

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No. <i>Copy 2/99</i>	QUANTITIES BY	
	CHECKED BY	



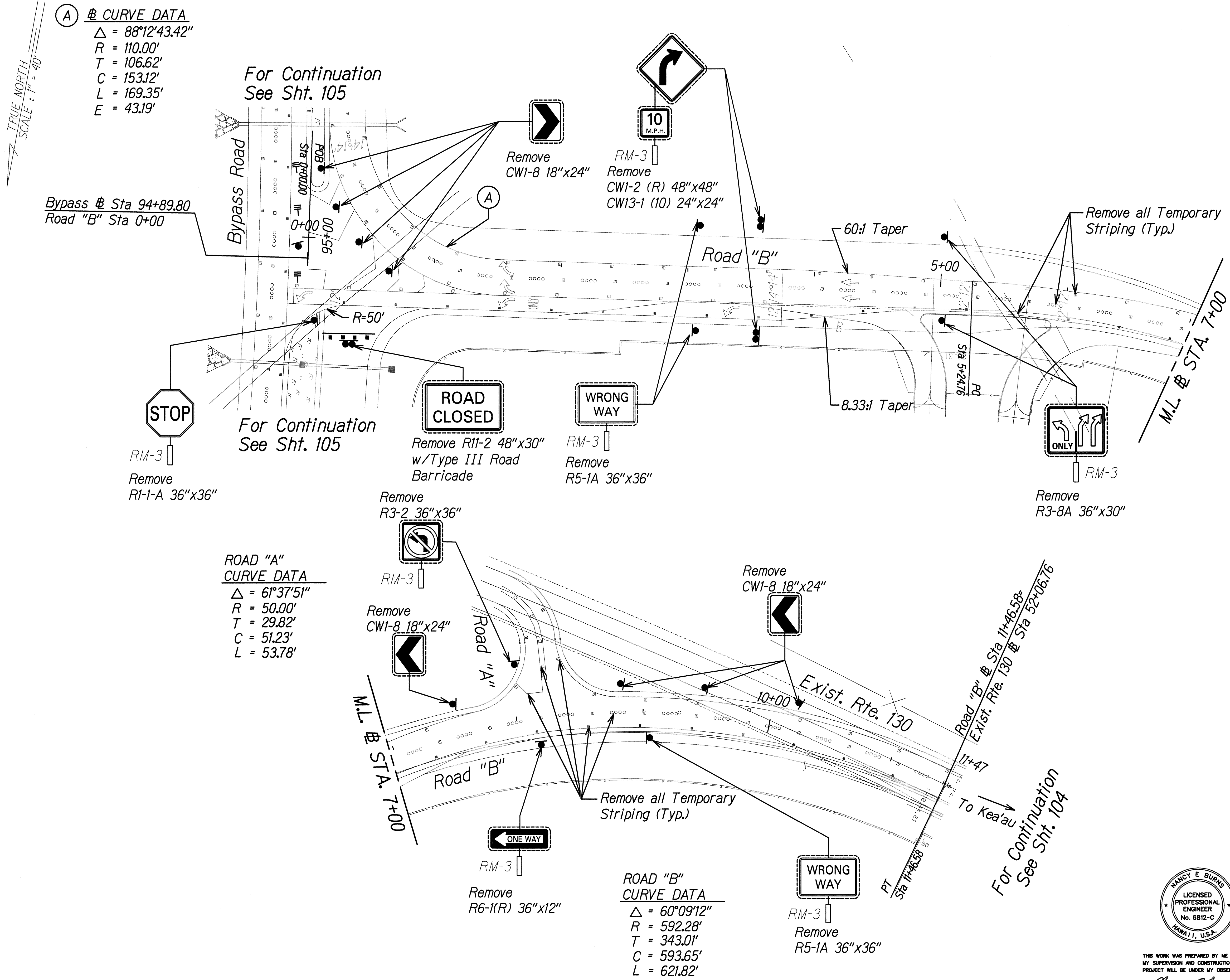
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Nancy E. Burns
 DATE: *8/24/98*

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. SIGN & STRIPING
REMOVAL CONNECTOR ROAD**
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2
PROJECT NO. 130B-01-98
Scale: 1"=40' Date: August, 1998

SHEET No. 7 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	110	210



A CURVE DATA
 $\Delta = 88^{\circ}12'43.42''$
 $R = 110.00'$
 $T = 106.62'$
 $C = 153.12'$
 $L = 169.35'$
 $E = 43.19'$

For Continuation
See Sht. 105

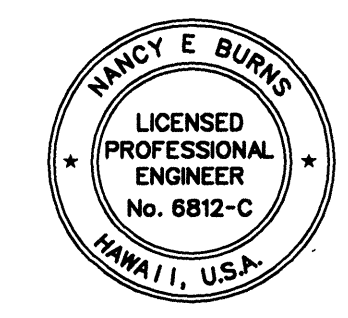
Bypass Sta 94+89.80
Road "B" Sta 0+00

For Continuation
See Sht. 105

ROAD "A"
CURVE DATA
 $\Delta = 61^{\circ}37'51''$
 $R = 50.00'$
 $T = 29.82'$
 $C = 51.23'$
 $L = 53.78'$

ROAD "B"
CURVE DATA
 $\Delta = 60^{\circ}09'12''$
 $R = 592.28'$
 $T = 343.01'$
 $C = 593.65'$
 $L = 621.82'$

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	



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Nancy E. Burns
DATE: 8/24/98

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMP. SIGN & STRIPING
REMOVAL ROAD "B"**

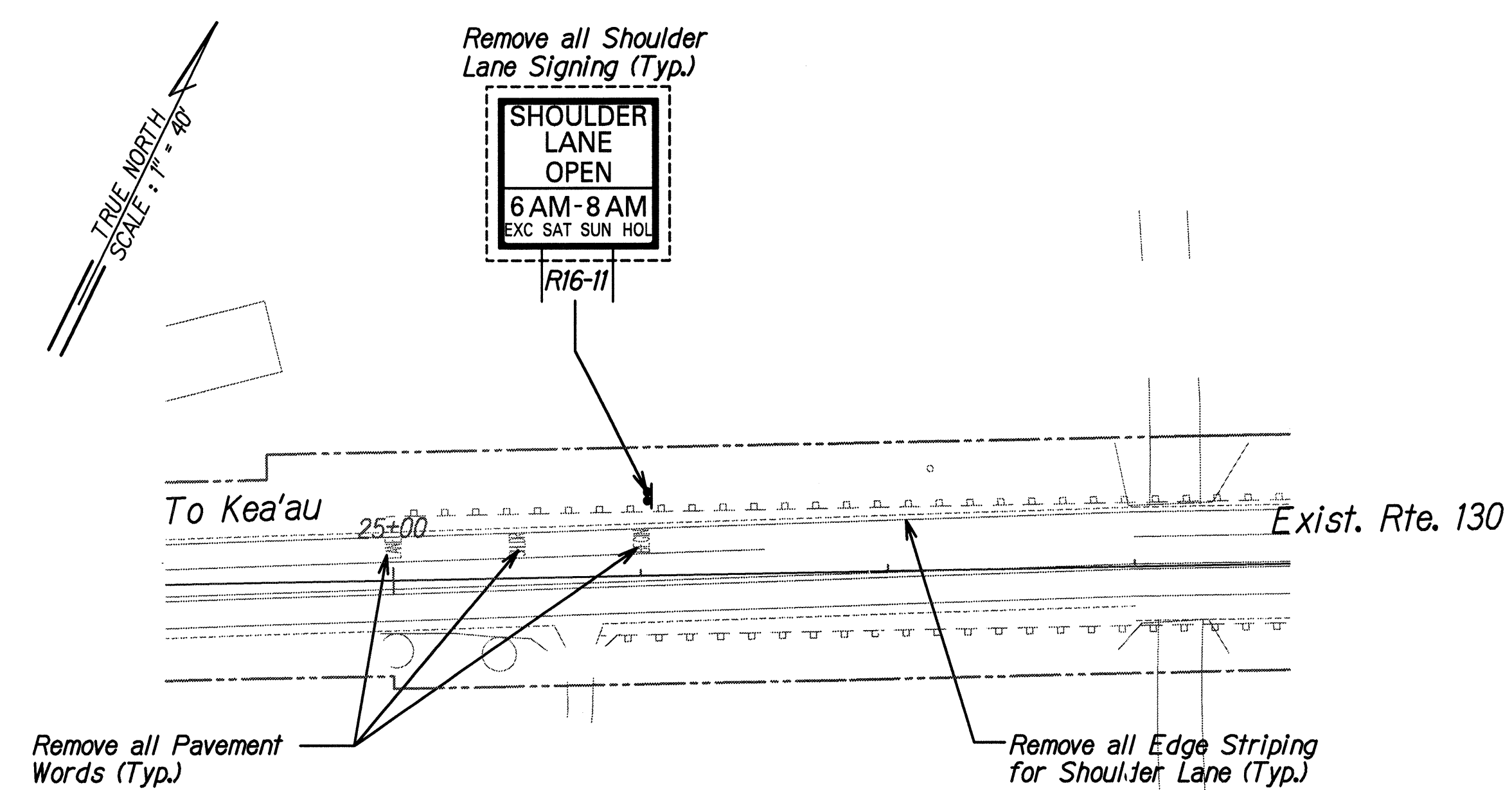
KEA'AU-PAHOA ROAD VIC. OF KEA'AU
TOWN (KEA'AU BYPASS ROAD), PH. 2

PROJECT NO. 130B-01-98

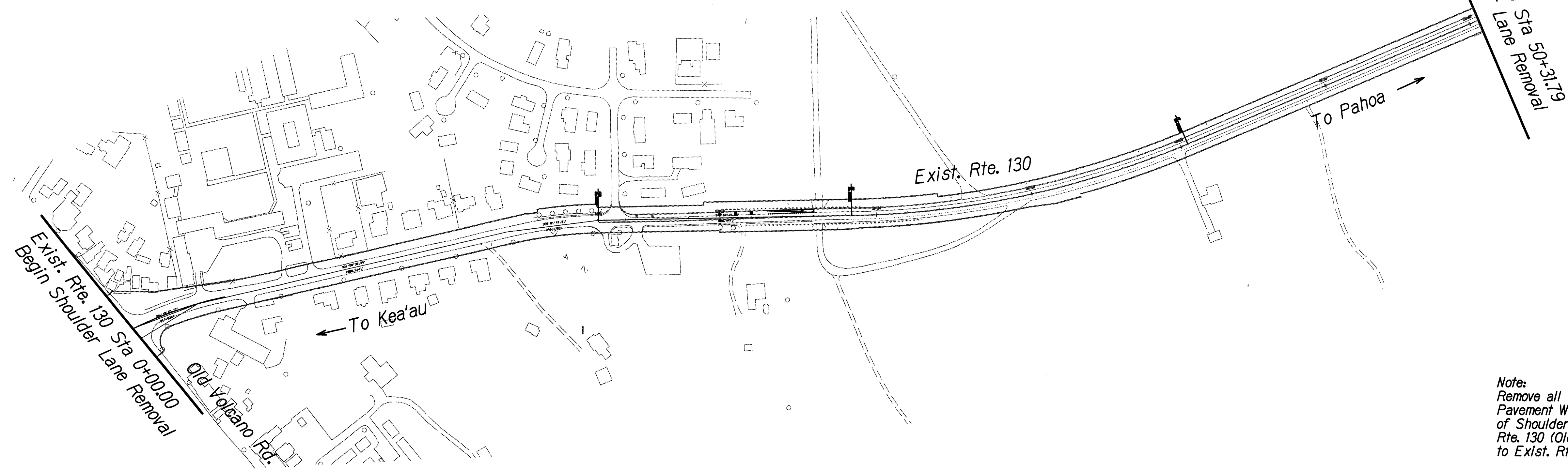
Scale: 1"=40' Date: August, 1998

SHEET NO. 8 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-98	1999	111	210



TYPICAL SHLDR. LANE REMOVAL DETAIL
SCALE: 1"=40'



SHLD. LANE REMOVAL PLAN
Scale: 1"=200'

Note:
Remove all Shoulder Lane Signs,
Pavement Words, & Outside Edge
of Shoulder Lane Line From Exist.
Rte. 130 (Old Volcano Rd.) Sta 0+00
to Exist. Rte. 130 Sta 50+31.79.

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	
DATE	

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Nancy E. Burns
 DATE: 8/24/98

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SHLD. LANE REMOVAL PLAN
EXIST. RTE. 130
 KEA'AU-PAHOA ROAD VIC. OF KEA'AU TOWN (KEA'AU BYPASS ROAD), PH. 2
 PROJECT NO. 130B-01-98
 Scale: As Noted Date: August, 1998
 SHEET No. 9 OF 9 SHEETS