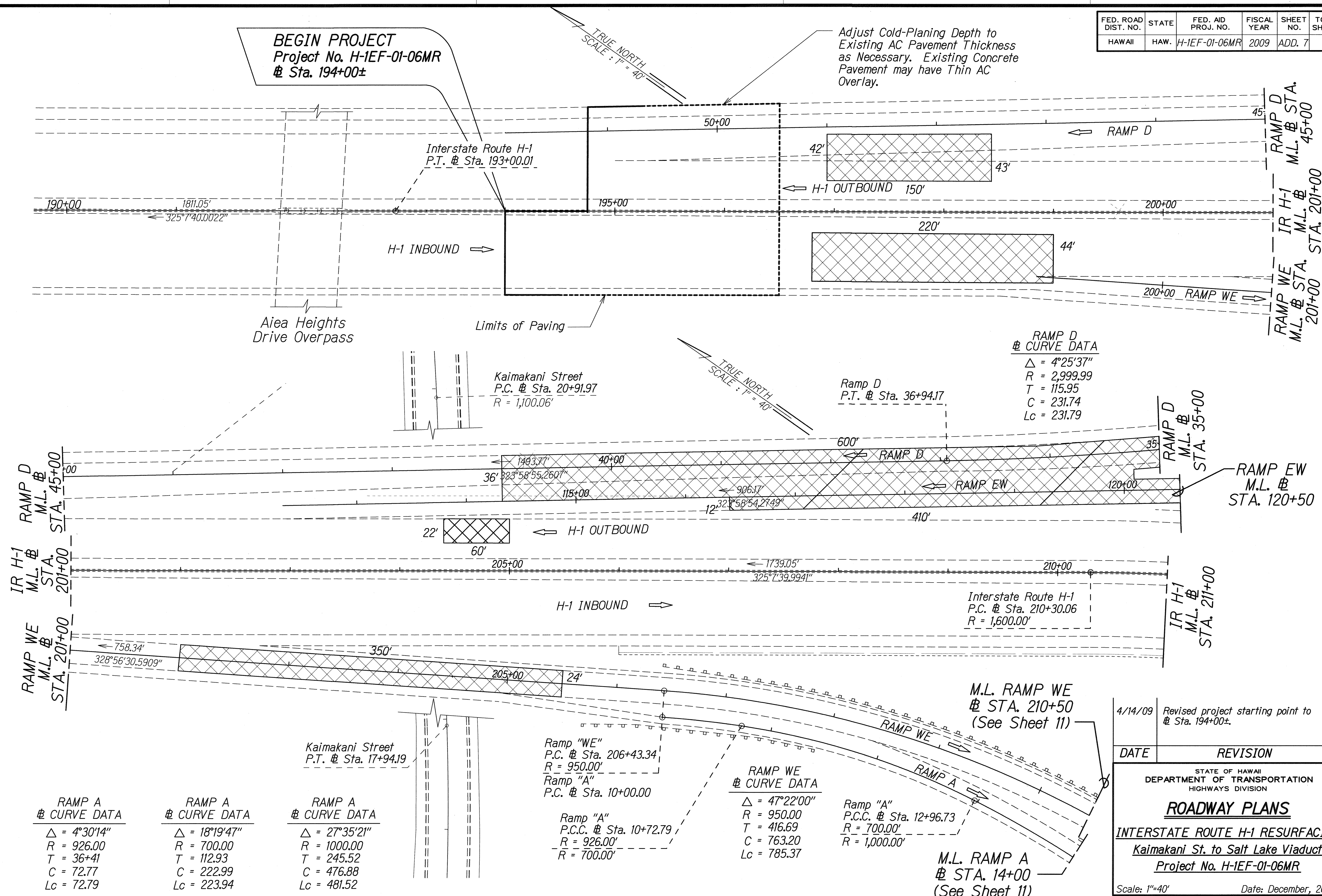


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	H-1EF-01-06MR	2009	ADD. 7	40



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

4/14/09	Revised project starting point to Sta. 194+00+.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

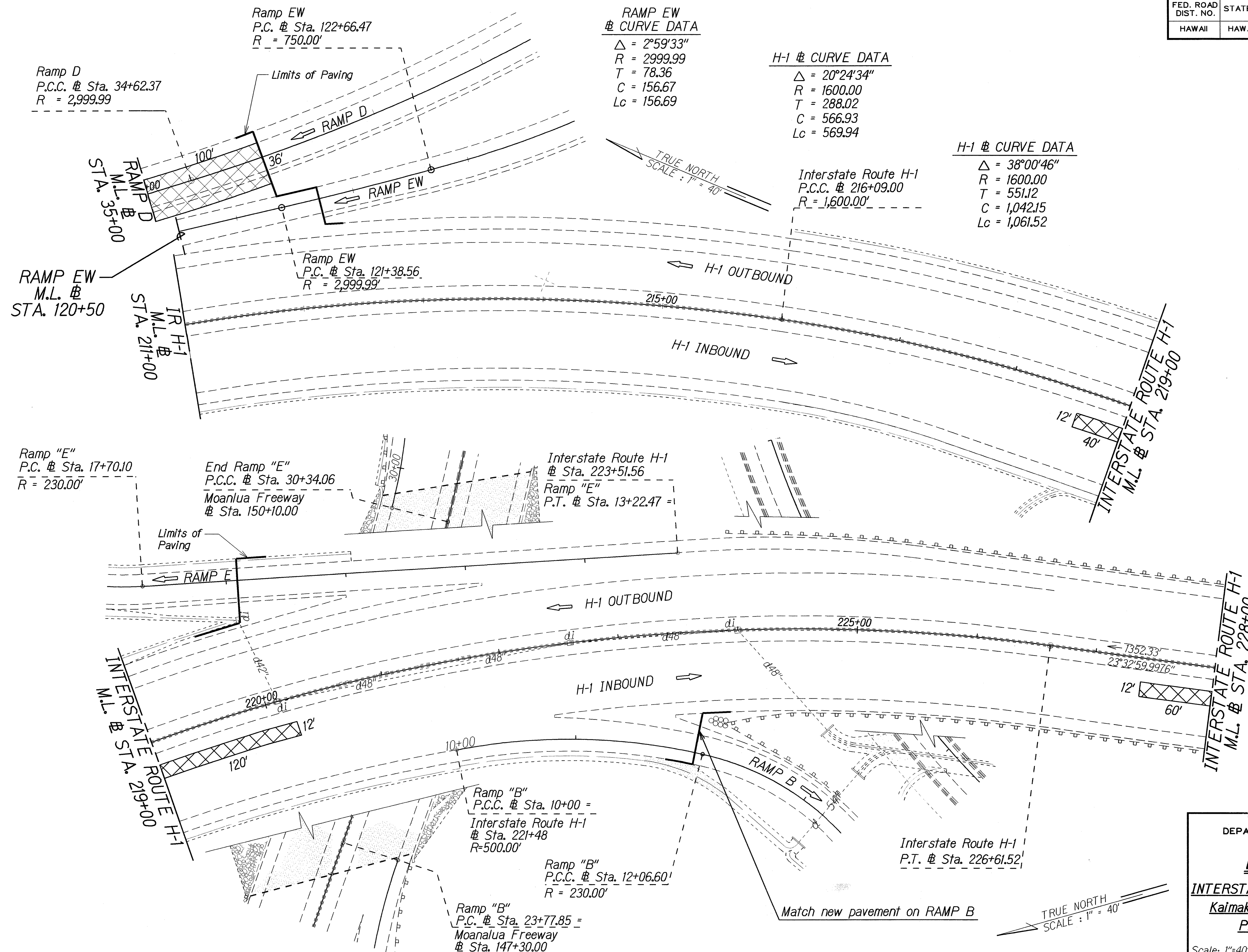
ROADWAY PLANS

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-1EF-01-06MR

Scale: 1"=40' Date: December, 2008

SHEET No. 1 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-1EF-01-06MR	2009	8	40



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

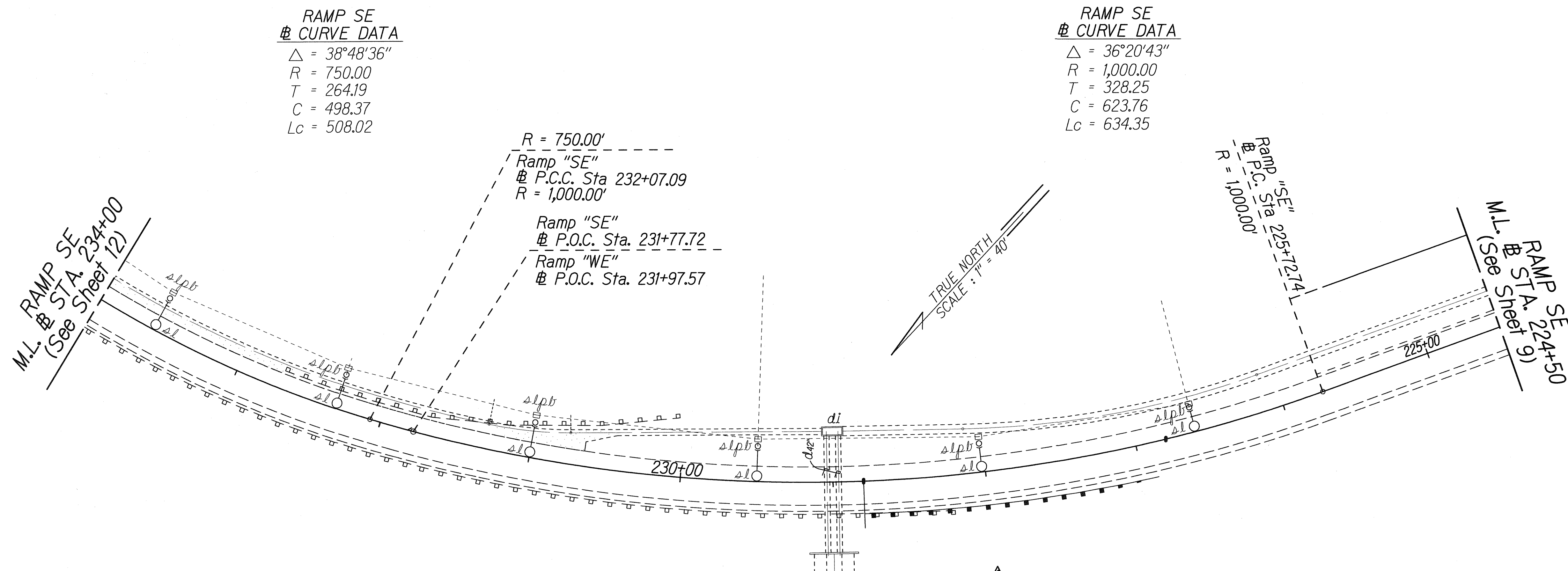
ROADWAY PLANS

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-1EF-01-06MR

Scale: 1"=40' Date: December, 2008

SHEET No. 2 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-1EF-01-06M	2009	C.O. 10	40



▲ Sta. 226+80± to Sta. 228+80± Lt.
Remove and Dispose Existing Wooden Post, Guardrail and Terminal. Install 150 L.F. of New Type 3 Guardrail and Post with New ET-2000 Terminal.

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
APPROVED BY	
DATE	

7/2/2010 ▲ Extended Guardrail

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS (RAMP SE)
INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-1EF-01-06M

Scale: 1"=40' Date: December, 2008

SHEET No. 4 OF 8 SHEETS

[illegible]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	12	40

The diagram illustrates the horizontal alignment of Ramp P, including its connection to the main roadway. Key features include:

- Ramp "WE" M.L. STA. 231+00**: Located at the top left, connecting to the main road.
- RAMP SE STA. 234+00 M.L. (See Sheet 10)**: Located near the top center.
- Ramp "SE" P.T. Sta 237+45.11**: A transition point further along the ramp.
- Ramp "SE" P.I. Sta 240+00.01**: The intersection point of the ramp with the main road.
- RAMP WE M.L. STA. 242+00**: Located at the bottom right, connecting to the main road.
- RAMP P M.L. STA. 11+00**: The main alignment of the ramp shown in this sheet.
- Curve Data for RAMP WE**:
 - $\Delta = 112^\circ 25' 54''$
 - $R = 1,000$
 - $T = 1494.67$
 - $C = 1662.28$
 - $Lc = 1962.30$
- Curve Data for RAMP WE**:
 - $\Delta = 18^\circ 38' 34''$
 - $R = 1,000$
 - $T = 164.14$
 - $C = 323.94$
 - $Lc = 325.38$
- Stationing**: Various points are marked along the alignment, including 235+00, 240+00, 245+00, 250+00, 252+33, and 255+00.
- Limits of Paving**: Indicated by dashed lines and labels throughout the plan.
- Overhead sign**: Shown near station 245+00.
- Scale**: TRUE NORTH, SCALE: 1"=40'.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	12	40

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS (RAMP P)

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-IEF-01-06MR

Scale: 1"=40' Date: December, 2008

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	12	40

The diagram illustrates the horizontal alignment of Ramp P, including its connection to the main roadway. Key features include:

- Ramp "WE" M.L. STA. 231+00**: Located at the top left, connecting to the main road.
- RAMP SE STA. 234+00 M.L. (See Sheet 10)**: Located near the top center.
- Ramp "SE" P.T. Sta 237+45.11**: A transition point further along the ramp.
- Ramp "SE" P.I. Sta 240+00.01**: The intersection point of the ramp with the main road.
- RAMP WE M.L. STA. 242+00**: Located at the bottom right, indicating the end of the ramp section.
- RAMP "WE" M.L. STA. 242+00**: Another label for the ramp's location.
- RAMP "SE" P.C. Sta 239+12.94 R = 1,000.00**: Curve data for a segment of the ramp.
- RAMP WE CURVE DATA**:
 - $\Delta = 112^\circ 25' 54''$
 - $R = 1,000$
 - $T = 1494.67$
 - $C = 1662.28$
 - $Lc = 1962.30$
- RAMP WE CURVE DATA**:
 - $\Delta = 18^\circ 38' 34''$
 - $R = 1,000$
 - $T = 164.14$
 - $C = 323.94$
 - $Lc = 325.38$
- Stationing**: Various points are marked with station numbers such as 235+00, 240+00, 245+00, 250+00, 252+33, and 255+00.
- Limits of Paving**: Indicated by dashed lines and labels throughout the plan.
- Scale**: TRUE NORTH, SCALE: 1" = 40'.
- Other Labels**: "overhead sign", "di", "slpb", "dmh", "npw", "POE Sta 252+33.06 PT Sta 252+33.06 PT Sta 252+33.07".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

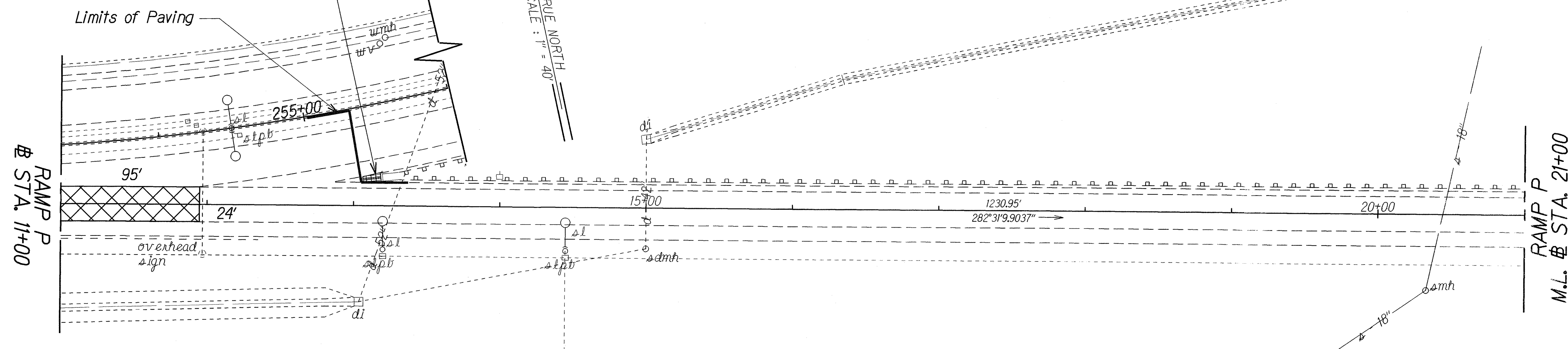
ROADWAY PLANS (RAMP P)

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-IEF-01-06MR

Scale: 1"=40' Date: December, 2008

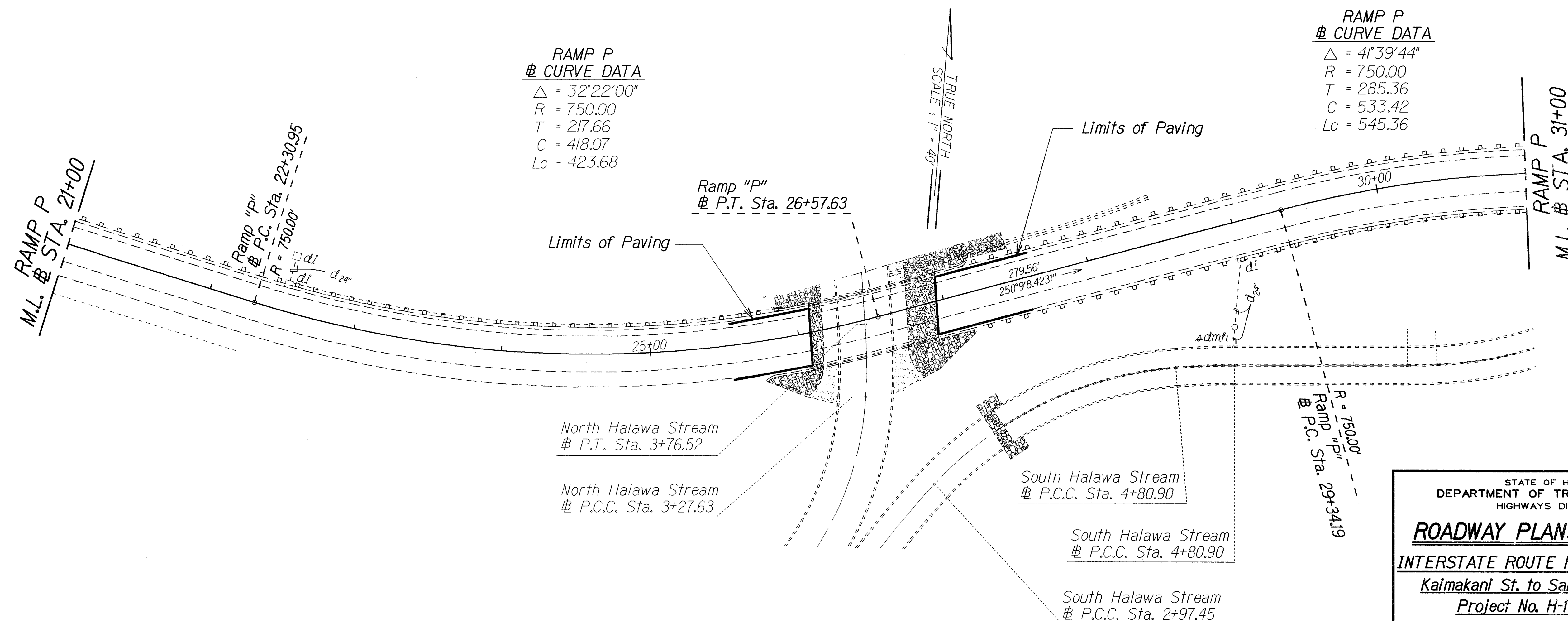
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-1EF-01-06MR	2009	13	40

Remove existing crash cushion. Install new Quad Guard System (TL-3) 90" model or TAU, II, or approved equal. Reconnect to existing guardrails.



RAMP P
CURVE DATA
 $\Delta = 32^{\circ}22'00''$
 $R = 750.00$
 $T = 217.66$
 $C = 418.07$
 $Lc = 423.68$

RAMP P
CURVE DATA
 $\Delta = 41^{\circ}39'44''$
 $R = 750.00$
 $T = 285.36$
 $C = 533.42$
 $Lc = 545.36$



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

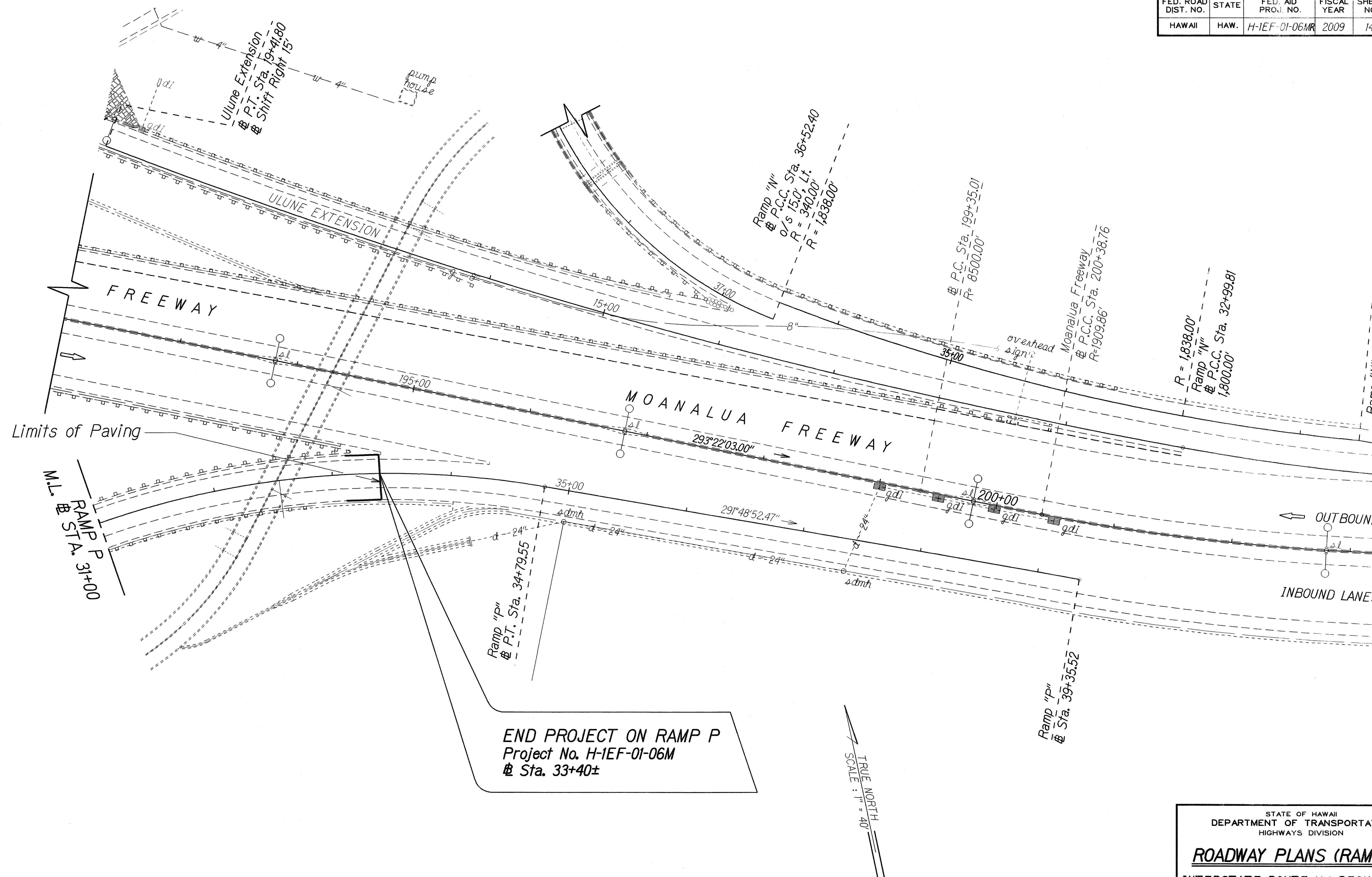
ROADWAY PLANS (RAMP P)

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-1EF-01-06MR

Scale: 1"=40'
Date: December, 2008

SHEET No. 7 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	14	40



END PROJECT ON RAMP P
Project No. H-IEF-01-06M
Sta. 33+40±

ORIGINAL PLAN	DATE
NOTED BY	DESIGNED BY
CHECKED BY	QUANTITIES BY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS (RAMP P)

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. H-IEF-01-06MR

Scale: 1"=40' Date: December, 2008

SHEET No. 8 OF 8 SHEETS