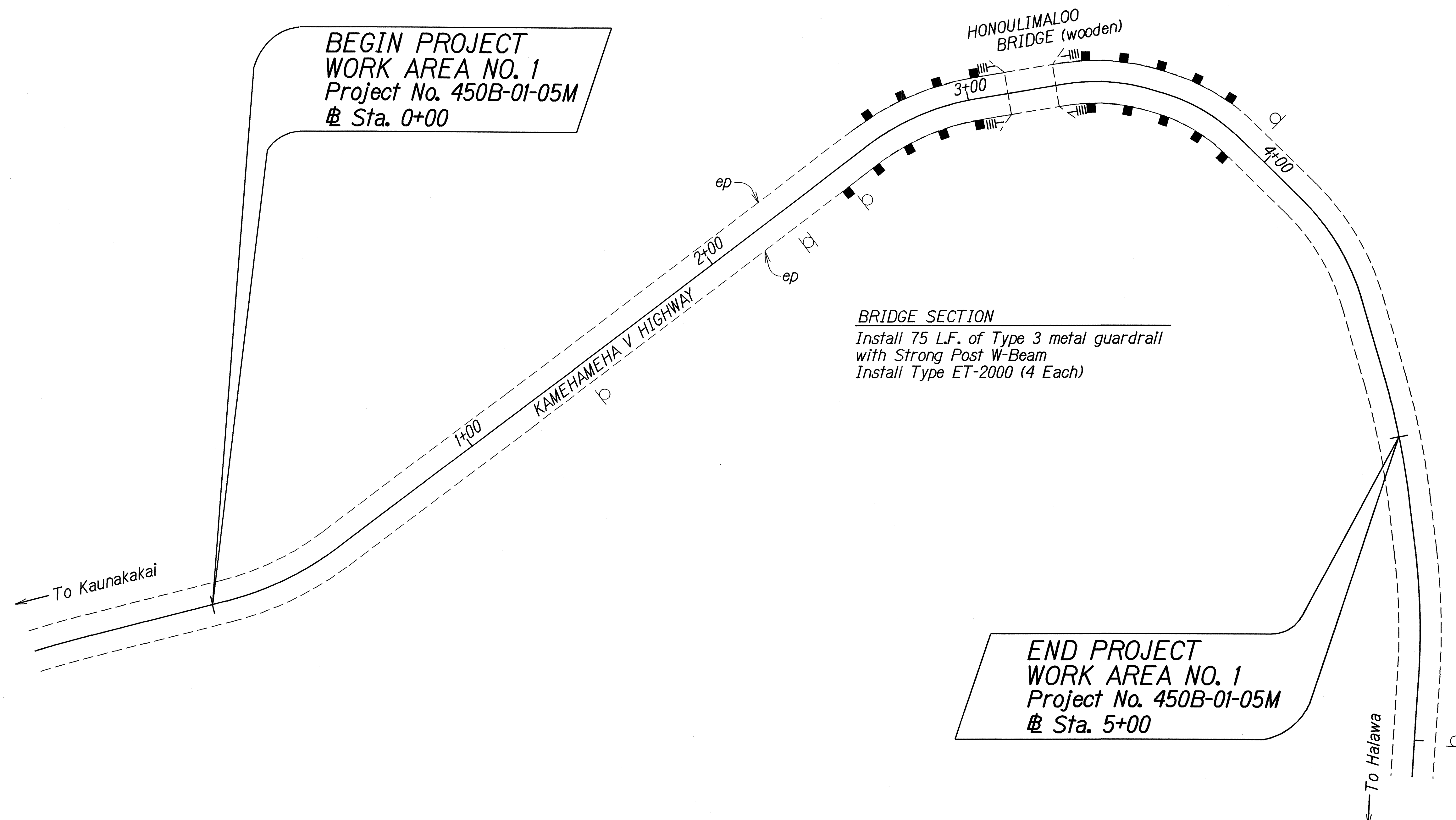


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	11	35

TRUE NORTH
SCALE : 1" = 20'



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	4/05
NOTE BOOK	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

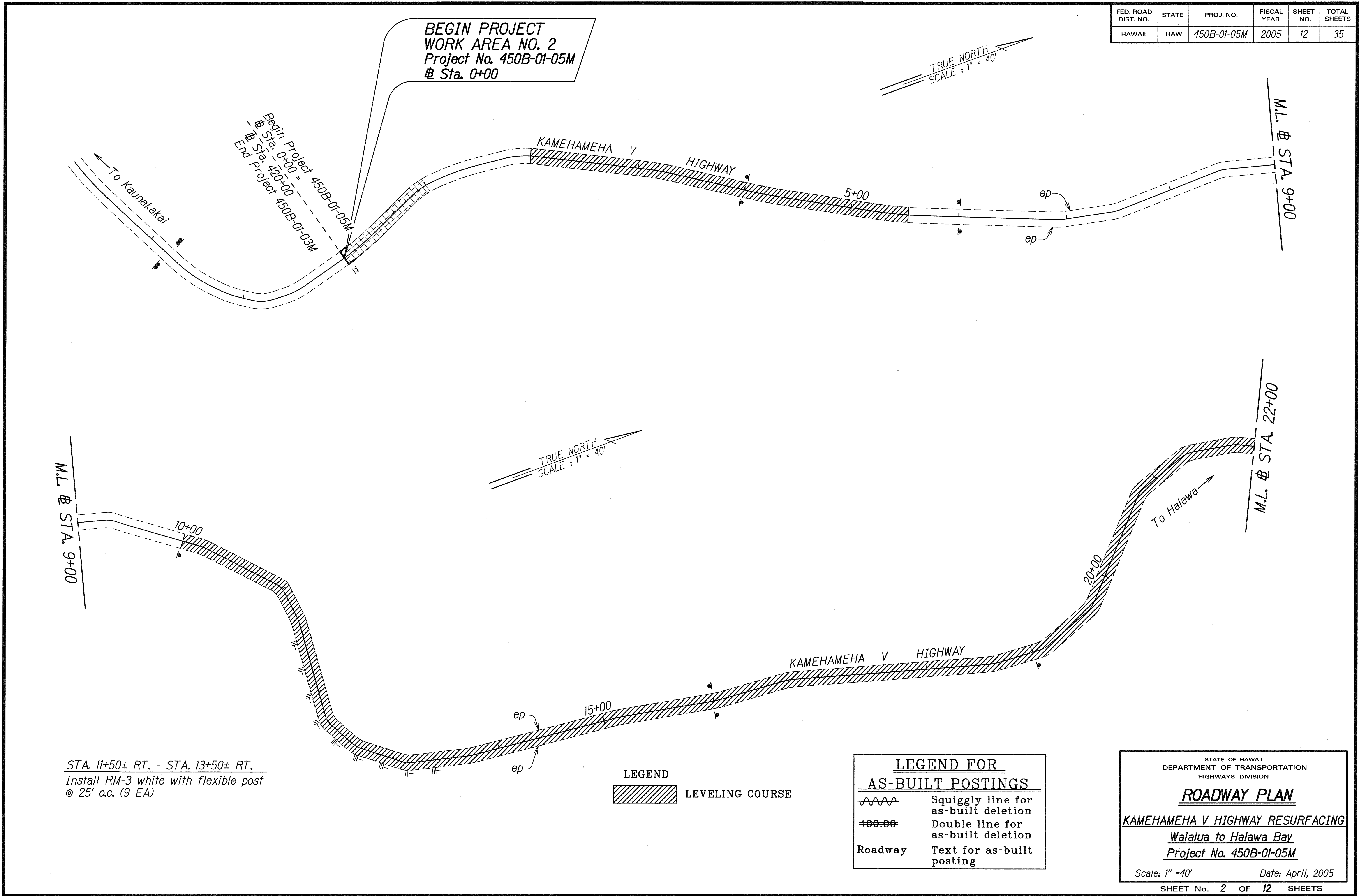
Waialua to Halawa Bay

Project No. 450B-01-05M

Scale: 1" = 20' Date: April, 2005

SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	12	35



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4/05
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
	CHECKED BY	

STA. 11+50± RT. - STA. 13+50± RT.
Install RM-3 white with flexible post
@ 25' o.c. (9 EA)

LEGEND
 LEVELING COURSE

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

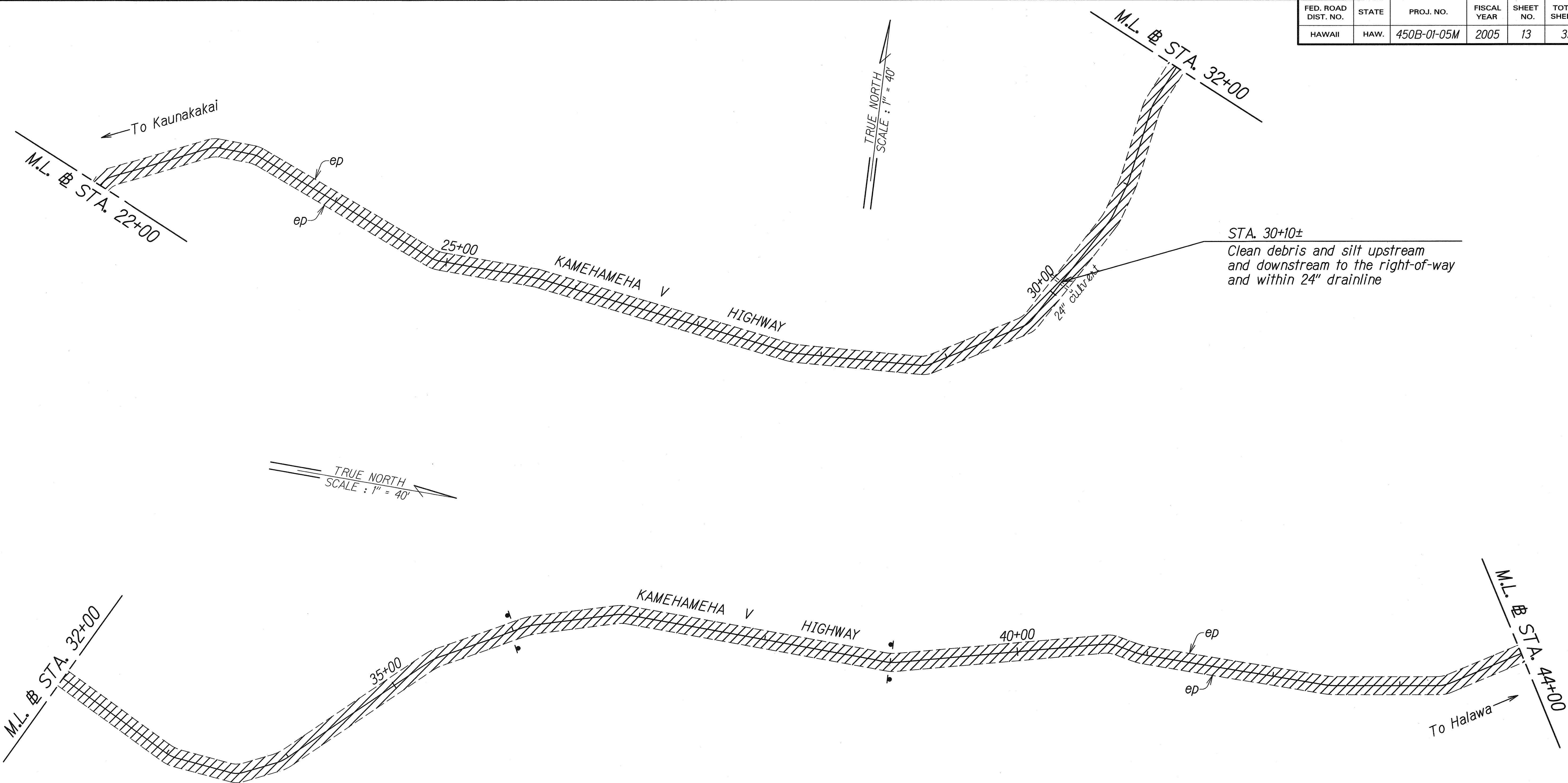
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
KAMEHAMEHA V HIGHWAY RESURFACING
Waialua to Halawa Bay
Project No. 450B-01-05M

Scale: 1" = 40'
Date: April, 2005

SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	13	35



ORIGINAL PLAN	DATE
NOTED BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

LEGEND

LEVELING COURSE

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

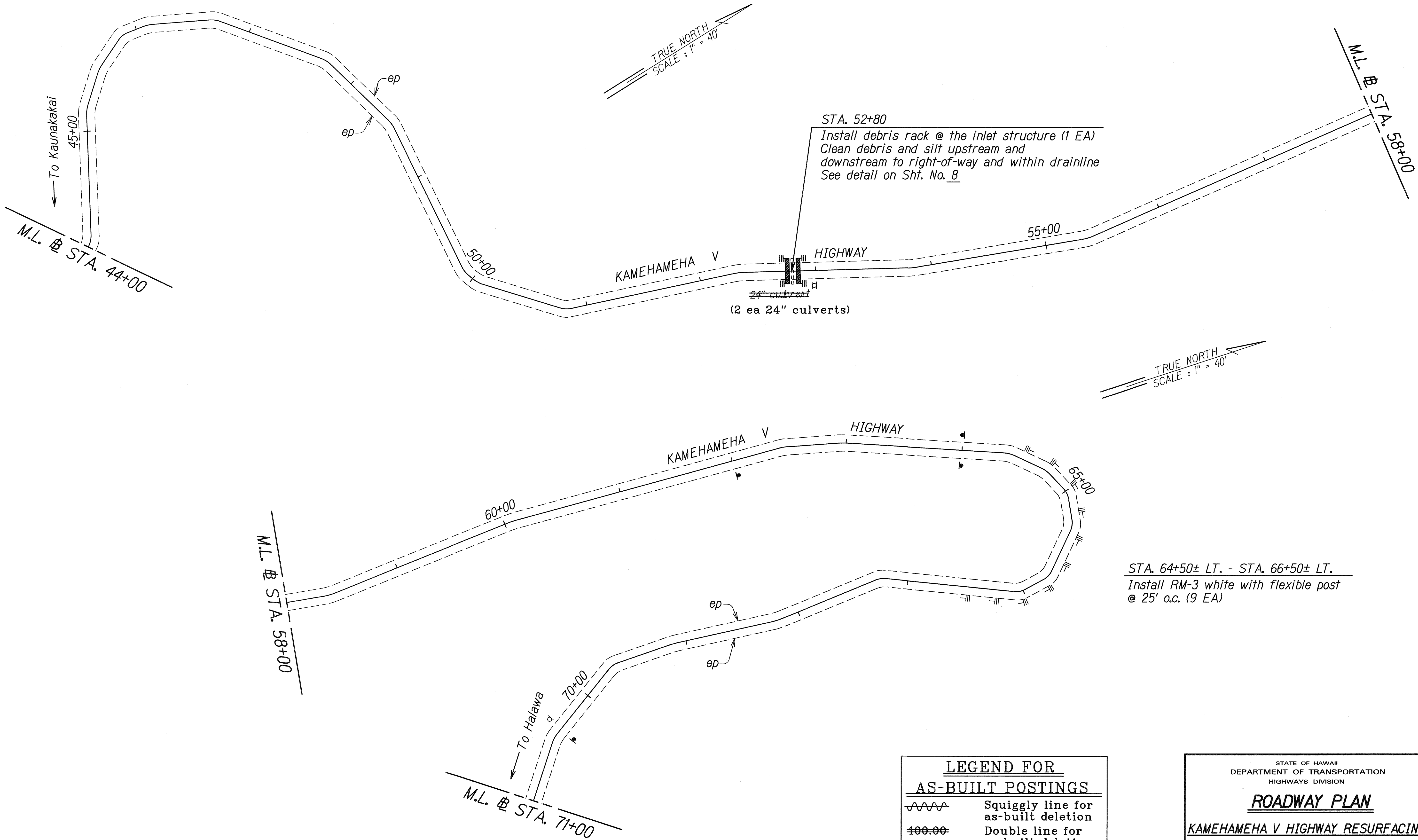
ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Waialua to Halawa Bay
Project No. 450B-01-05M

Scale: 1" = 40' Date: April, 2005

SHEET No. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	14	35



STA. 52+80
 Install debris rack @ the inlet structure (1 EA)
 Clean debris and silt upstream and downstream to right-of-way and within drainline
 See detail on Sht. No. 8

STA. 64+50± LT. - STA. 66+50± LT.
 Install RM-3 white with flexible post @ 25' o.c. (9 EA)

ORIGINAL PLAN	DATE
DESIGNED BY	4/05
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
REVISIONS 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

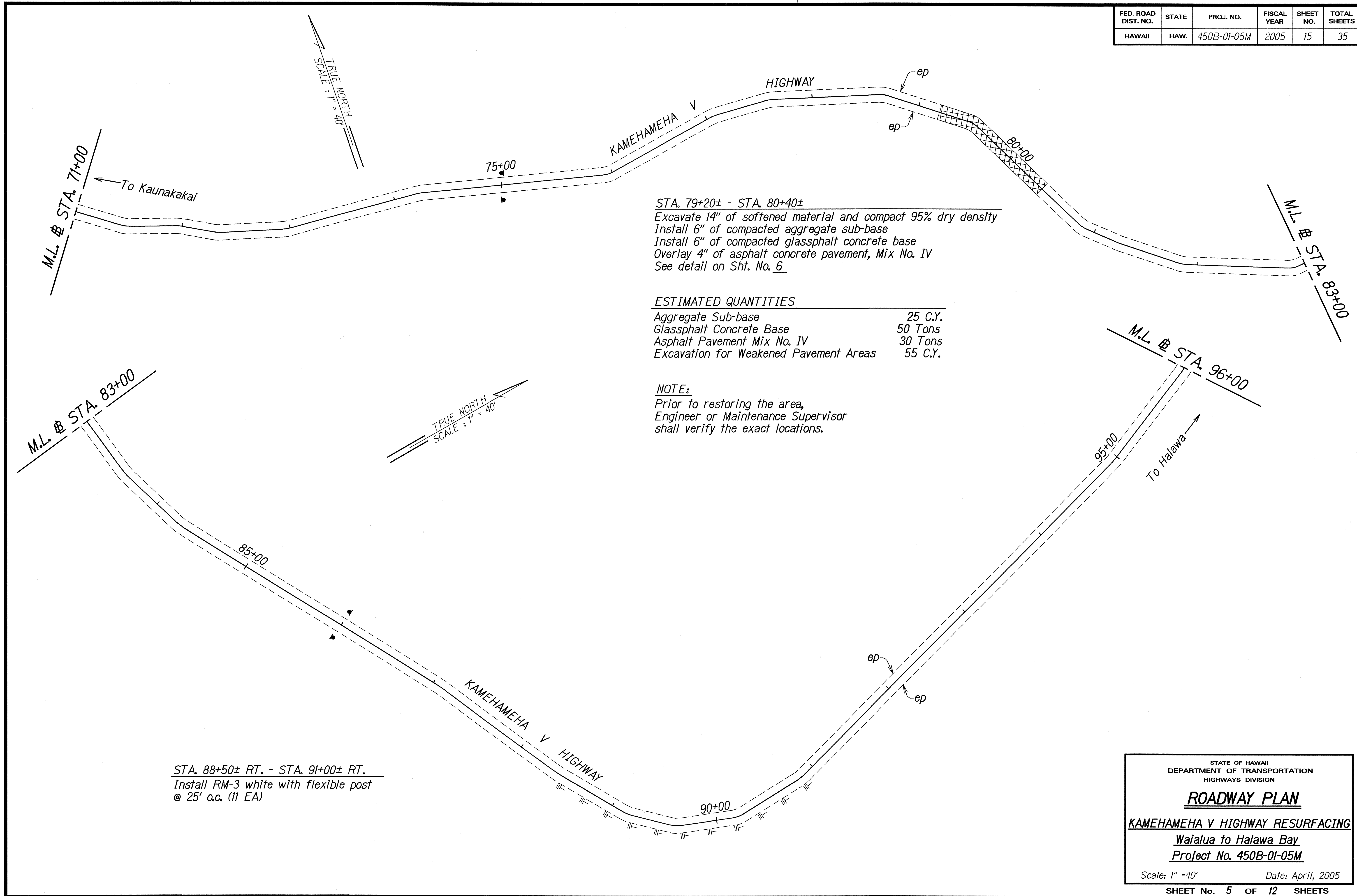
ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
 Waialua to Halawa Bay
 Project No. 450B-01-05M

Scale: 1" = 40'
Date: April, 2005

SHEET No. 4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	15	35



STA. 79+20± - STA. 80+40±
 Excavate 14" of softened material and compact 95% dry density
 Install 6" of compacted aggregate sub-base
 Install 6" of compacted glassphalt concrete base
 Overlay 4" of asphalt concrete pavement, Mix No. IV
 See detail on Sht. No. 6

ESTIMATED QUANTITIES

Aggregate Sub-base	25 C.Y.
Glassphalt Concrete Base	50 Tons
Asphalt Pavement Mix No. IV	30 Tons
Excavation for Weakened Pavement Areas	55 C.Y.

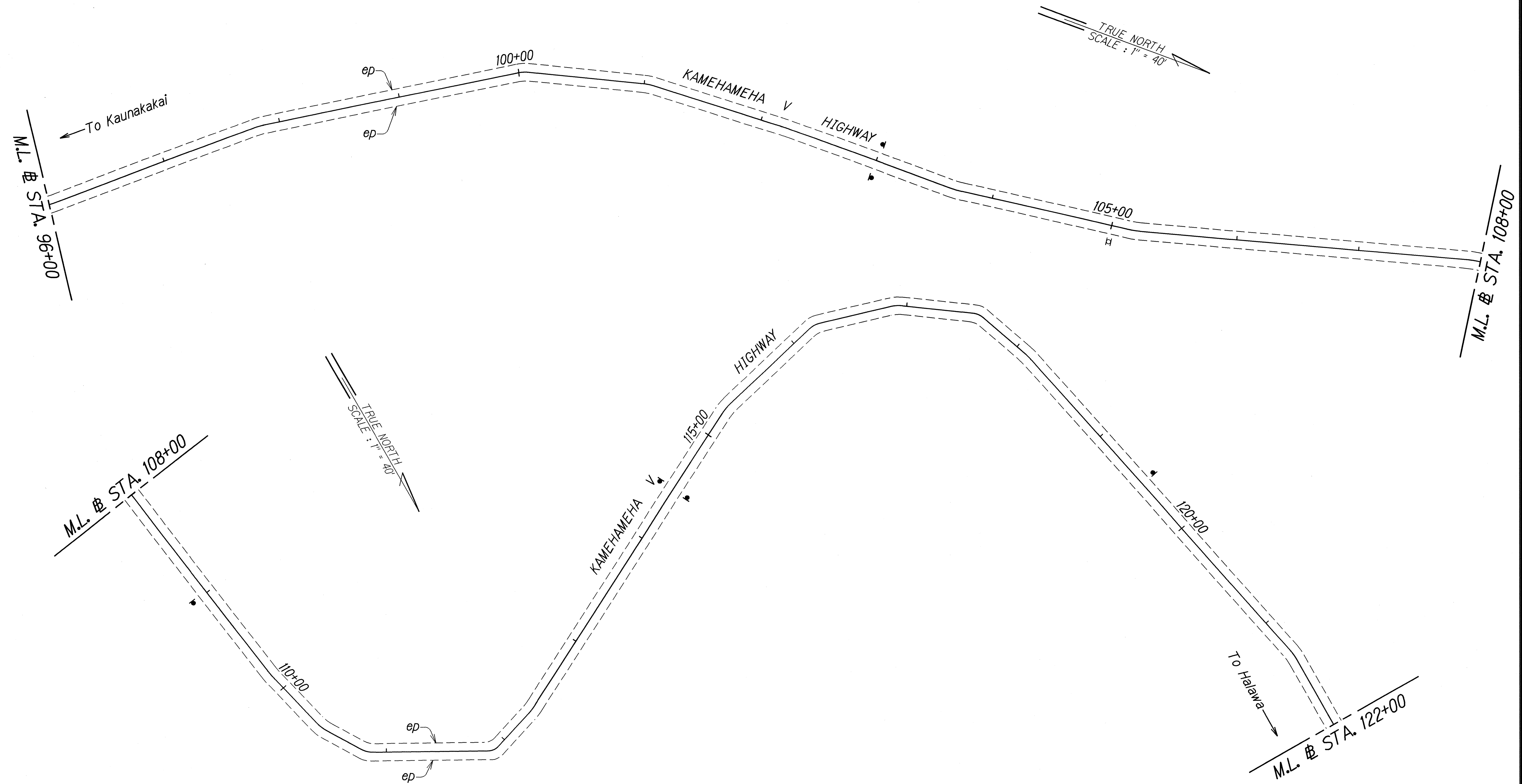
NOTE:
 Prior to restoring the area,
 Engineer or Maintenance Supervisor
 shall verify the exact locations.

STA. 88+50± RT. - STA. 91+00± RT.
 Install RM-3 white with flexible post
 @ 25' o.c. (11 EA)

SURVEY PLOTTED BY	DATE
DRAWN BY	4/05
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN
 KAMEHAMEHA V HIGHWAY RESURFACING
 Waialua to Halawa Bay
 Project No. 450B-01-05M
 Scale: 1" = 40' Date: April, 2005
 SHEET No. 5 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	16	35



ORIGINAL PLAN	DATE
SURVEY PLACED BY	4/05
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

Waialua to Halawa Bay

Project No. 450B-01-05M

Scale: 1" = 40' Date: April, 2005

SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	17	35

STA. 132+00± - STA. 136+00±
 Prior to resurfacing eradicate tree roots laying on the roadway. Spot locations shall be determined in the field by Engineer or Construction Inspector. This work shall be paid incidental to Item No. 401.0400 Asphalt Concrete Pavement, Mix No. IV. For detail, see Plan Sht. No. 6

STA. 144+50 LT. - STA. 147+35 LT.
 Reset existing guardrail post (30 EA)
 Install RM-5 mounted on rail @ 25' o.c. (8 EA)

STA. 145+65 RT. - STA. 147+35 RT.
 Reset existing guardrail post (12 EA)
 Install RM-5 mounted on rail @ 25' o.c. (8 EA)

STA. 144+90± LT. & RT. - STA. 147+35 LT. & RT.
 Install RM-3 white with flexible post @ 25' o.c. (10 each)

LEGEND FOR AS-BUILT POSTINGS

~~~~~	Squiggly line for as-built deletion
==	Double line for as-built deletion
Roadway	Text for as-built posting

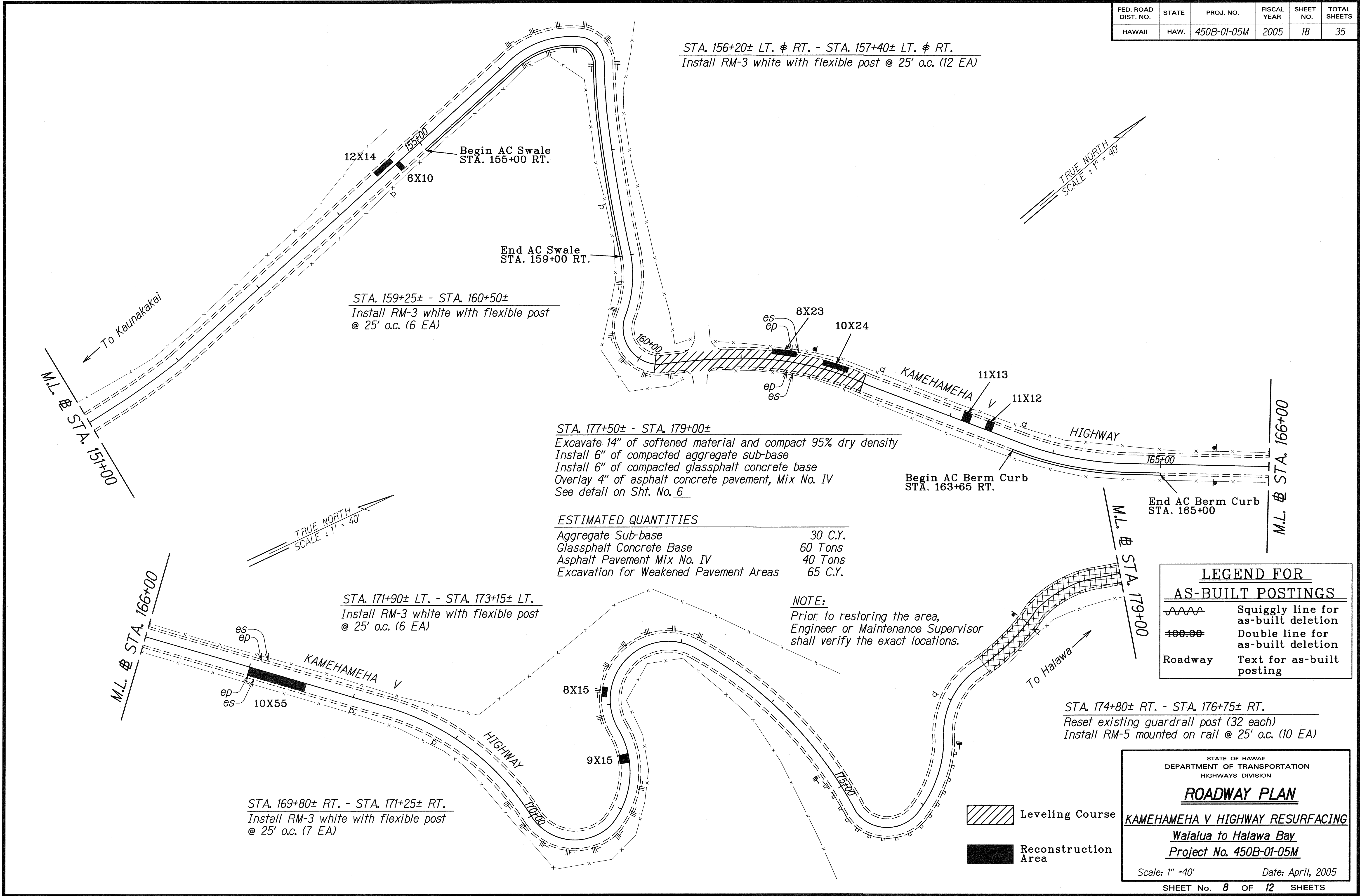
**LEVELING COURSE**  
**RECONSTRUCTION AREA**

**ROADWAY PLAN**  
 KAMEHAMEHA V HIGHWAY RESURFACING  
 Waialua to Halawa Bay  
 Project No. 450B-01-05M  
 Scale: 1" = 40' Date: April, 2005  
 SHEET No. 7 OF 12 SHEETS

17



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	18	35



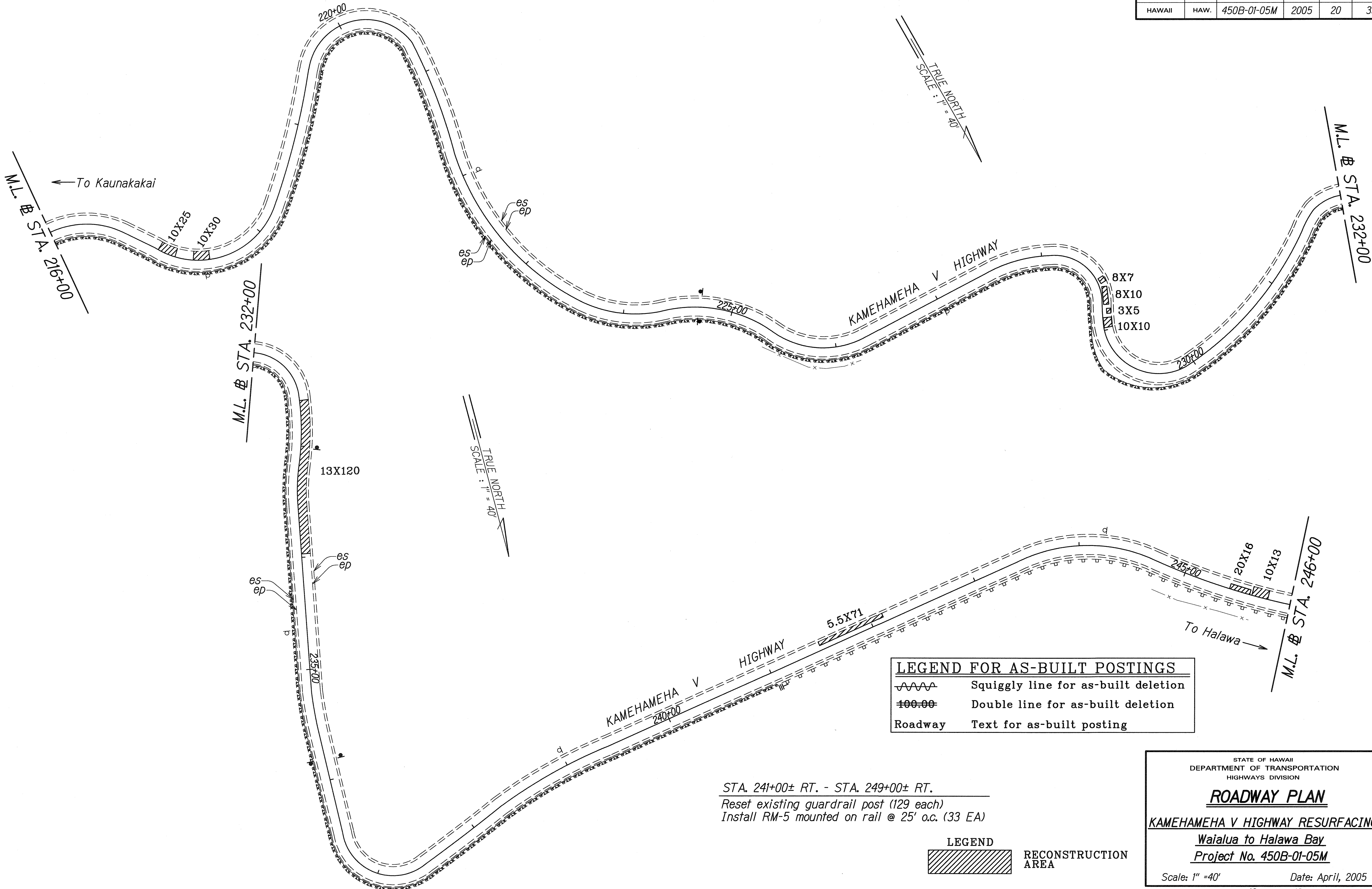
AS-BUILT







FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	20	35



ORIGINAL PLAN	DATE
NOTED BY	4/05
DESIGNED 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

STA. 241+00± RT. - STA. 249+00± RT.  
 Reset existing guardrail post (129 each)  
 Install RM-5 mounted on rail @ 25' o.c. (33 EA)

LEGEND	RECONSTRUCTION AREA

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**ROADWAY PLAN**  
 KAMEHAMEHA V HIGHWAY RESURFACING  
 Waialua to Halawa Bay  
 Project No. 450B-01-05M  
 Scale: 1" = 40'      Date: April, 2005

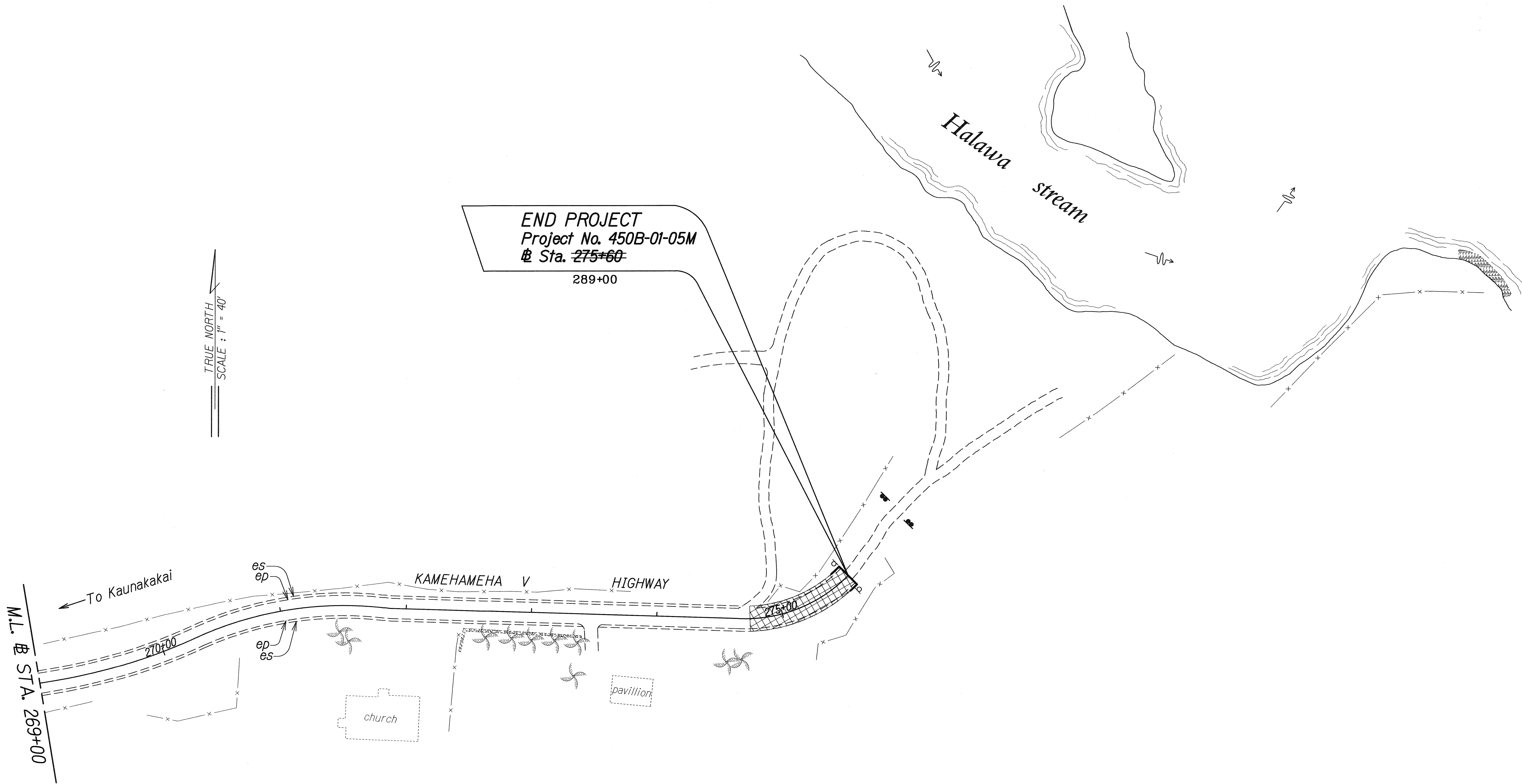
SHEET No. 10 OF 12 SHEETS







FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-05M	2005	22	35



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	4/05
DESIGNED BY	TRACED 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	
<b>ROADWAY PLAN</b>	
KAMEHAMEHA V HIGHWAY RESURFACING	
Waialua to Halawa Bay	
Project No. 450B-01-05M	
Scale: 1" = 40'	Date: April, 2005
SHEET No. 12 OF 12 SHEETS	