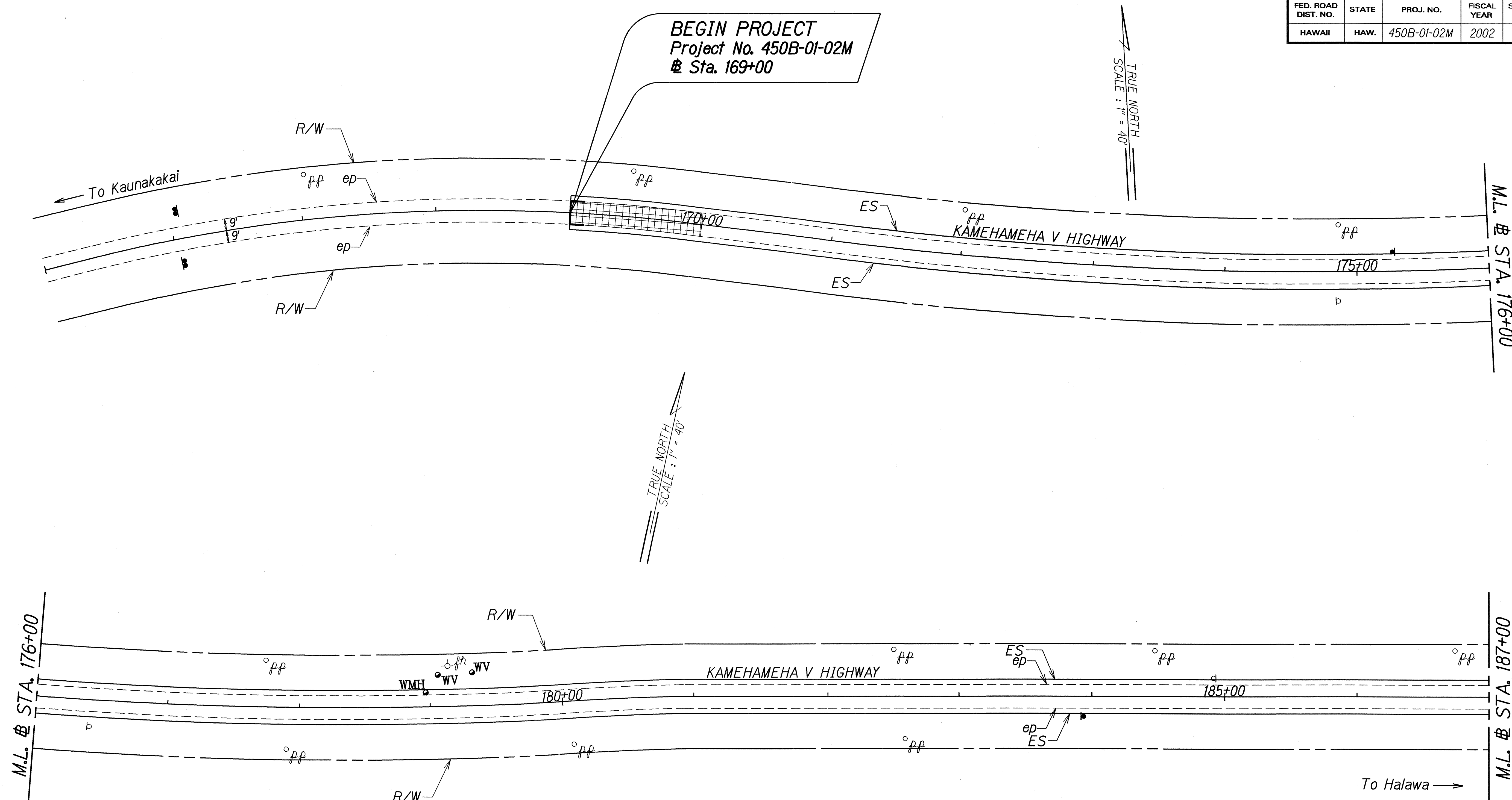


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	11	40



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	June 01
DESIGNED BY	CHECKED 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

KAMEHAMEHA V HIGHWAY RESURFACING

Kamalo to Pukoo

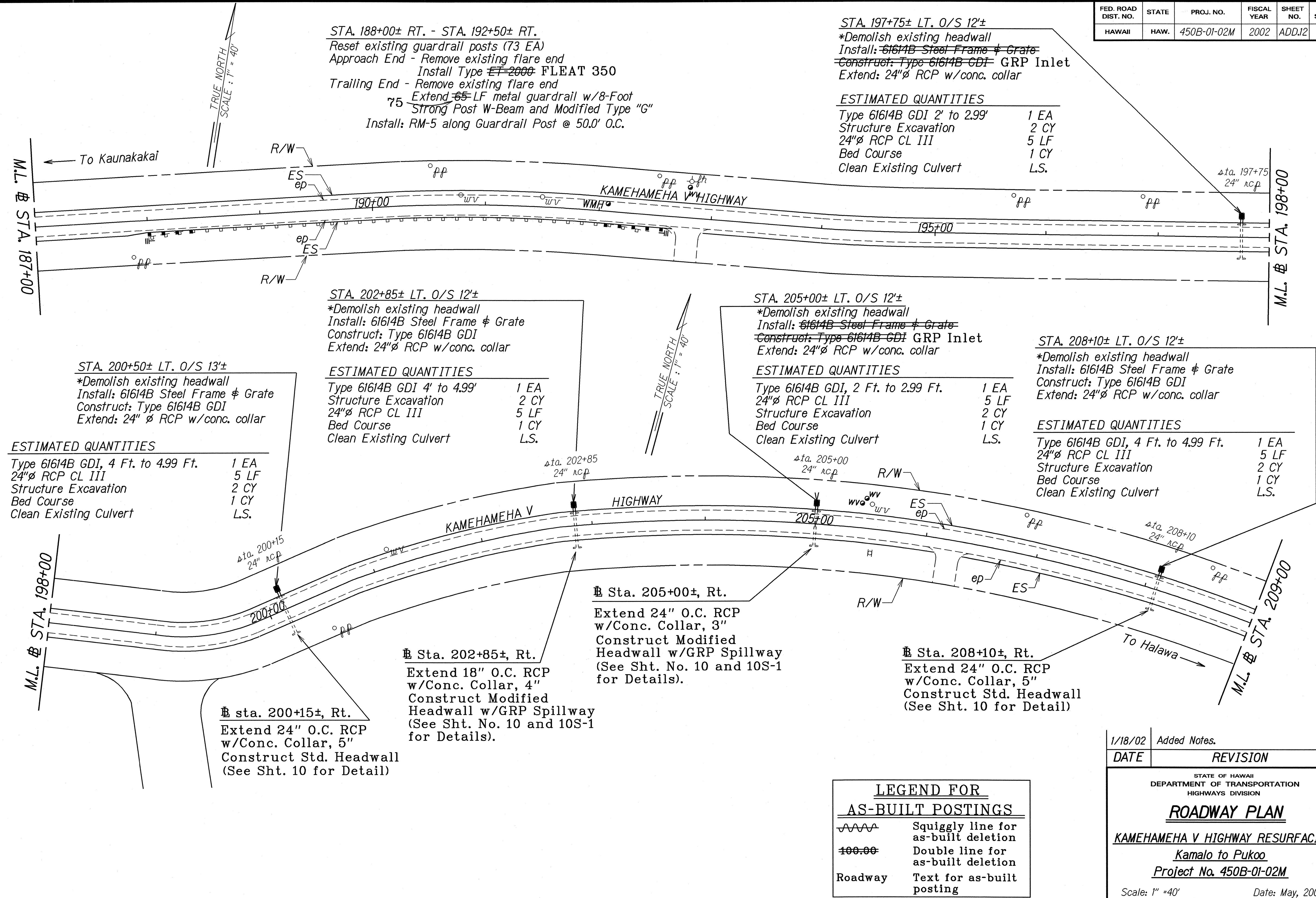
Project No. 450B-01-02M

Scale: 1" = 40' Date: May, 2001

SHEET No. 1 OF 13 SHEETS

"AS-BUILT"

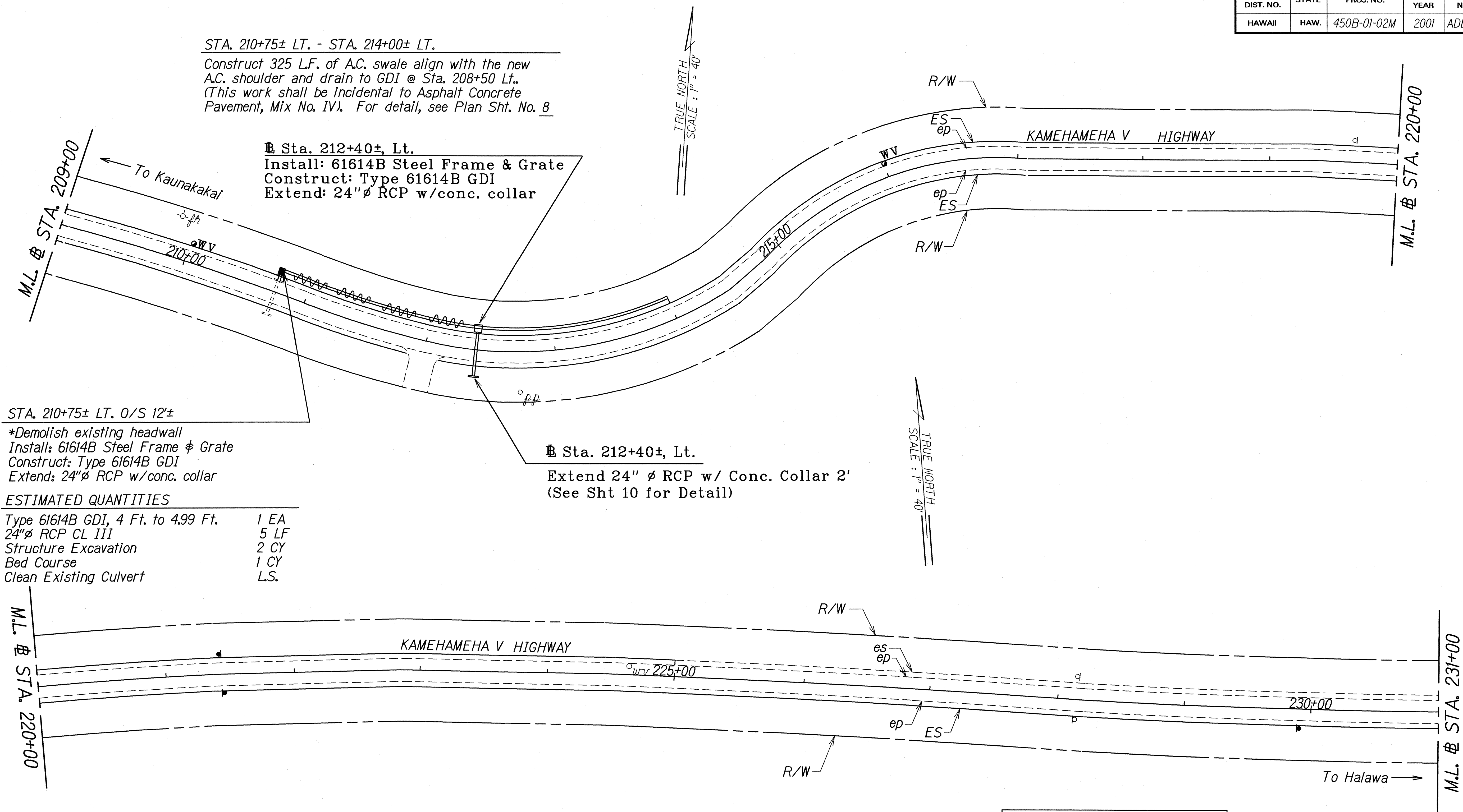
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	ADD.12	40



DATE	1/18/02
SURVEY PLOTTED BY	scd
DRIVEN BY	scd
DESIGNED BY	scd
CHECKED BY	scd

1/18/02	Added Notes.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
KAMEHAMEHA V HIGHWAY RESURFACING	
Kamalo to Pukoo	
Project No. 450B-01-02M	
Scale: 1" = 40'	Date: May, 2001
SHEET No. 2 OF 13 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2001	ADD.13	40



STA. 210+75± LT. - STA. 214+00± LT.
Construct 325 L.F. of A.C. swale align with the new
A.C. shoulder and drain to GDI @ Sta. 208+50 Lt..
(This work shall be incidental to Asphalt Concrete
Pavement, Mix No. IV). For detail, see Plan Sht. No. 8

Sta. 212+40±, Lt.
Install: 61614B Steel Frame & Grate
Construct: Type 61614B GDI
Extend: 24"Ø RCP w/conc. collar

Sta. 212+40±, Lt.
Extend 24" Ø RCP w/ Conc. Collar 2'
(See Sht 10 for Detail)

STA. 210+75± LT. O/S 12±
*Demolish existing headwall
Install: 61614B Steel Frame & Grate
Construct: Type 61614B GDI
Extend: 24"Ø RCP w/conc. collar

ESTIMATED QUANTITIES	
Type 61614B GDI, 4 Ft. to 4.99 Ft.	1 EA
24"Ø RCP CL III	5 LF
Structure Excavation	2 CY
Bed Course	1 CY
Clean Existing Culvert	L.S.

- NOTE:
- *Demolition of existing headwall shall be considered incidental to GDI pay items.
 - Concrete collar shall be considered incidental to Item No. 603.1011.

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

Kamalo to Pukoo

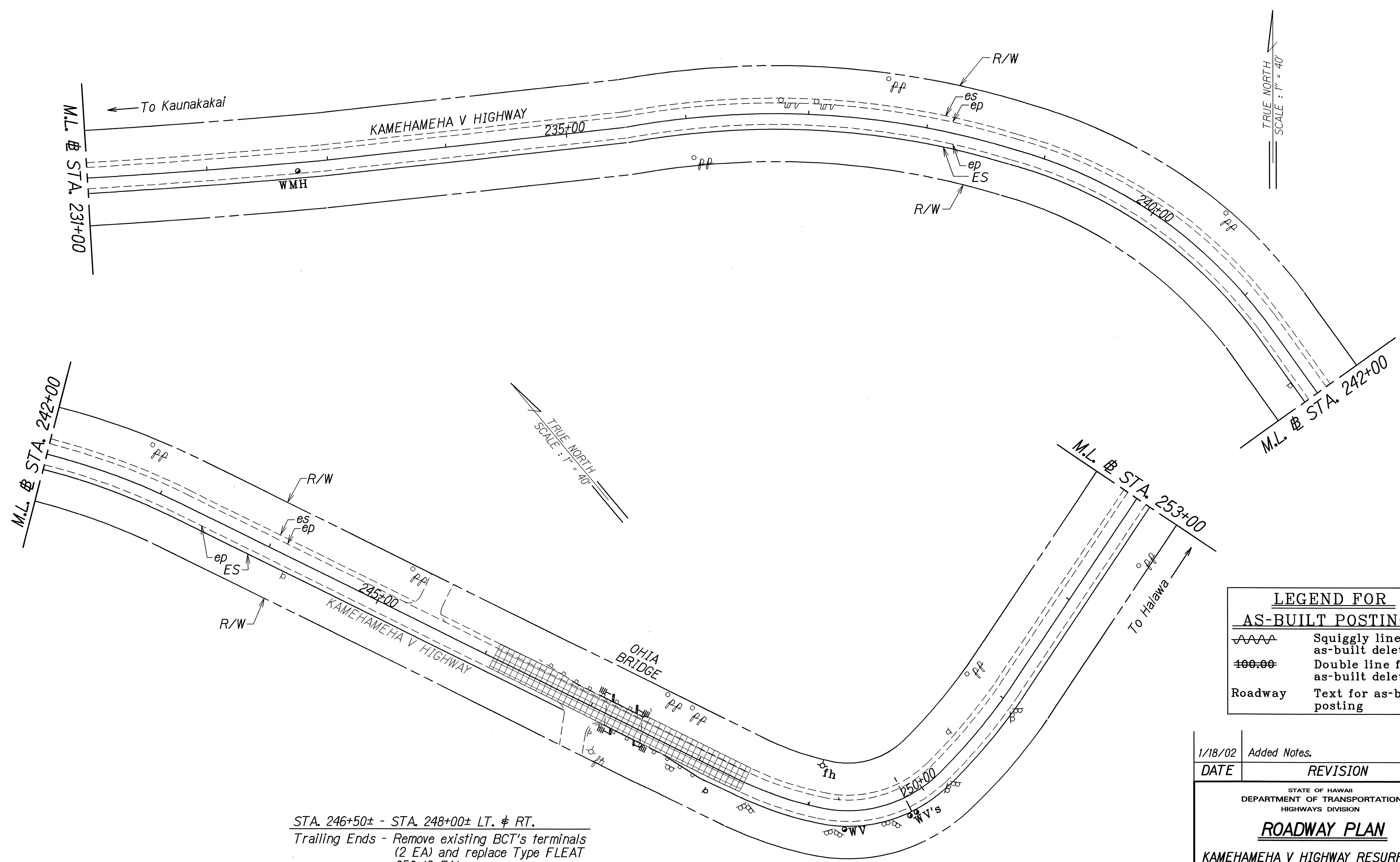
Project No. 450B-01-02M

Scale: 1" = 40' Date: May, 2001

SHEET No. 3 OF 13 SHEETS

1/18/02	Added Notes.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	ADD.14	40



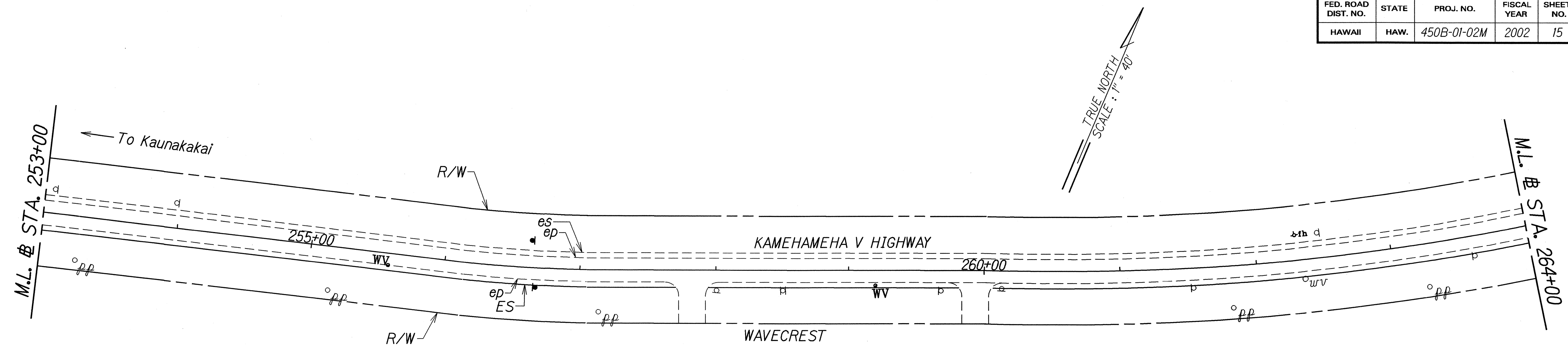
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STA. 246+50± - STA. 248+00± LT. & RT.
Trailing Ends - Remove existing BCT's terminals (2 EA) and replace Type FLEAT 350 (2 EA)
Clean Debris and Silt Underneath the Bridge L.S.

1/18/02	Added Notes.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
KAMEHAMEHA V HIGHWAY RESURFACING	
Kamalo to Pukoo	
Project No. 450B-01-02M	
Scale: 1" = 40'	Date: May, 2001
SHEET No. 4 OF 13 SHEETS	

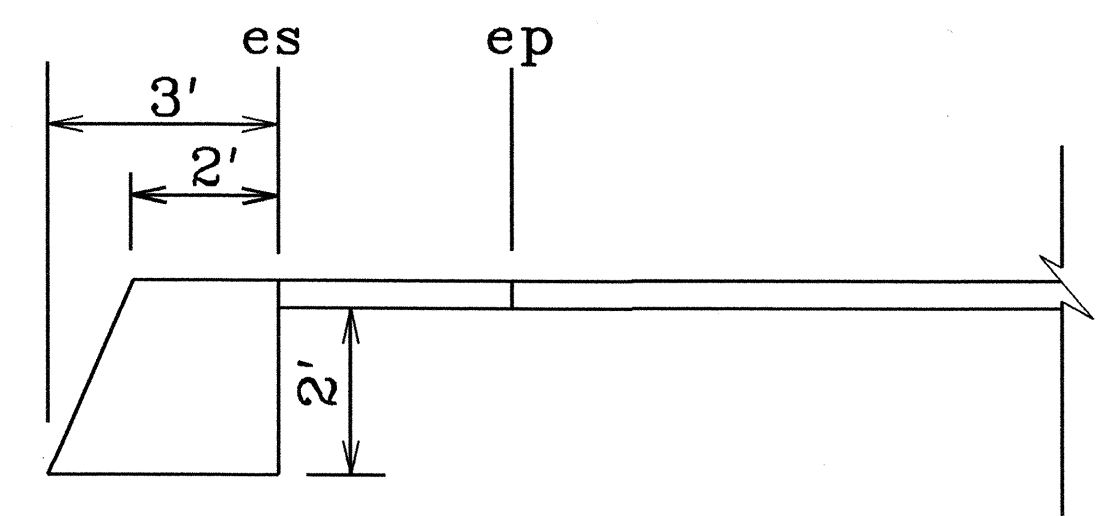
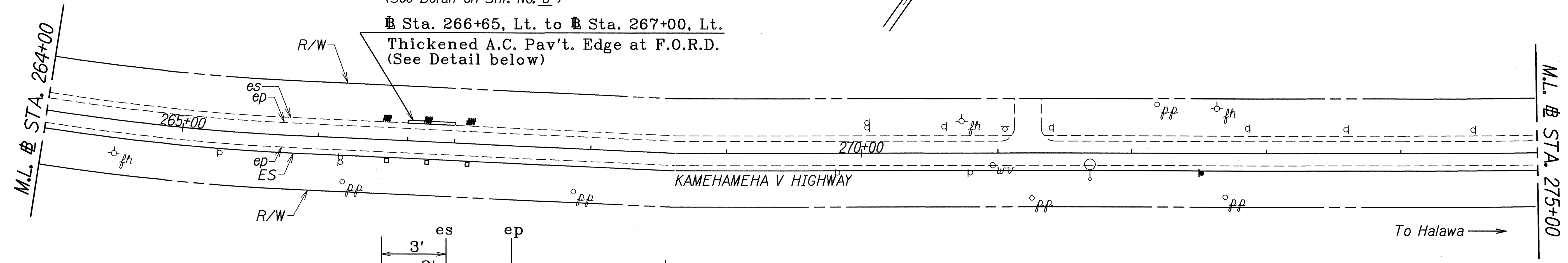
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	10/1/01
NOTES	TRACED BY	
QUANTITIES BY	CHECKED BY	
BY		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	15	40

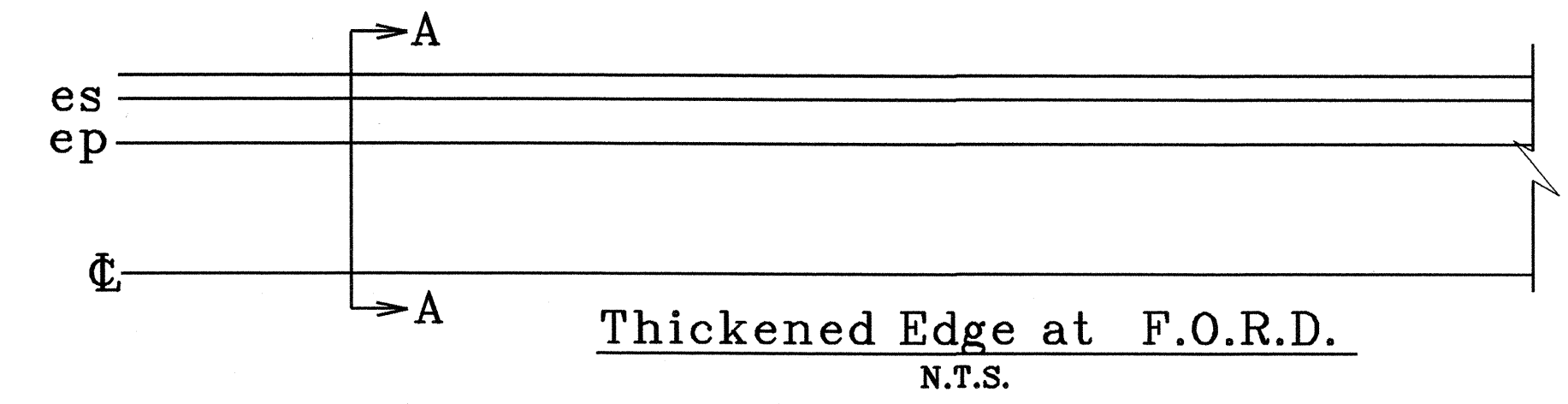


STA. 266+50± - STA. 267+10± ~~LT. & RT.~~
 Install Class "B" concrete guide posts (EA) 3
~~both sides~~ @ 30' o.c. Exact locations &
 finish elevation shall be determined in the field
 by the Engineer or Maintenance Supervisor.
 (See Detail on Sht. No. 8)

Sta. 266+65, Lt. to Sta. 267+00, Lt.
 Thickened A.C. Pav't. Edge at F.O.R.D.
 (See Detail below)



SECTION A-A



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

Kamalo to Pukoo

Project No. 450B-01-02M

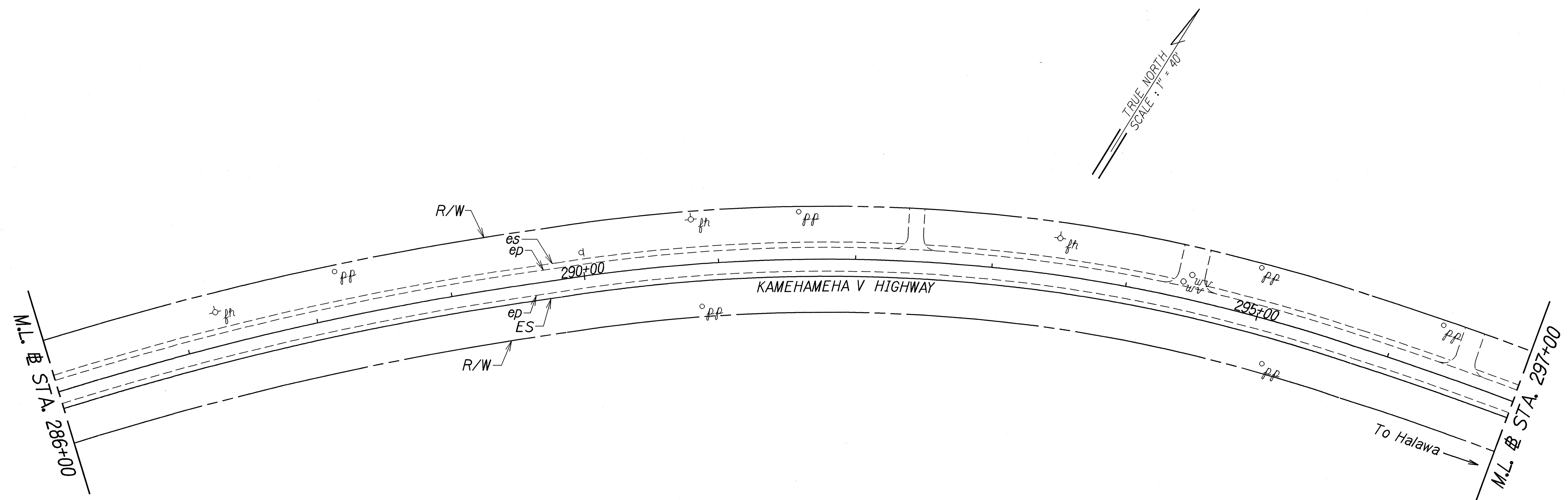
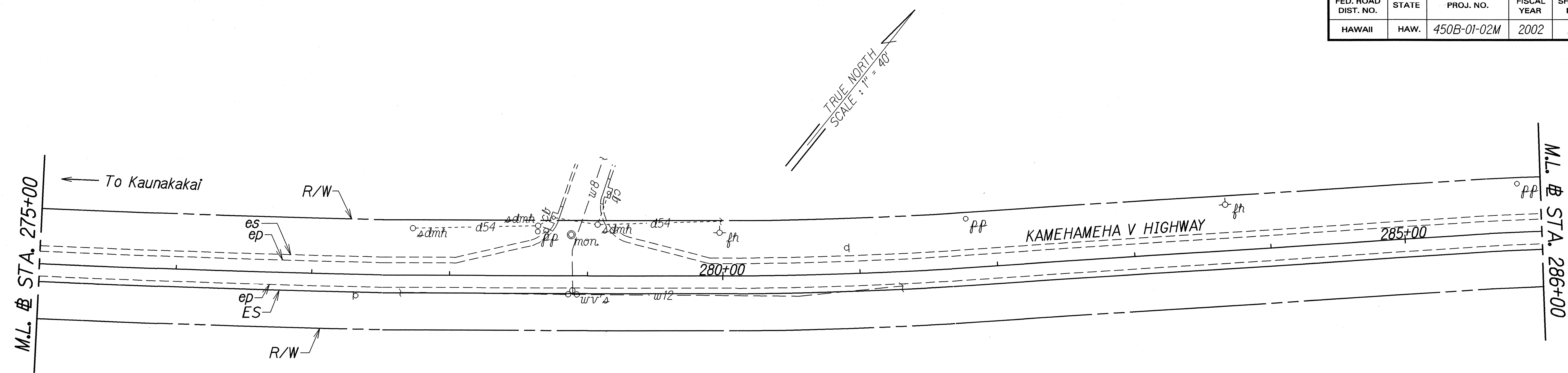
Scale: 1" = 40' Date: May, 2001

SHEET No. 5 OF 13 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	5/24/01
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
CHECKED BY		

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	16	40



ORIGINAL PLAN	DATE
NOTED	2001-01
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

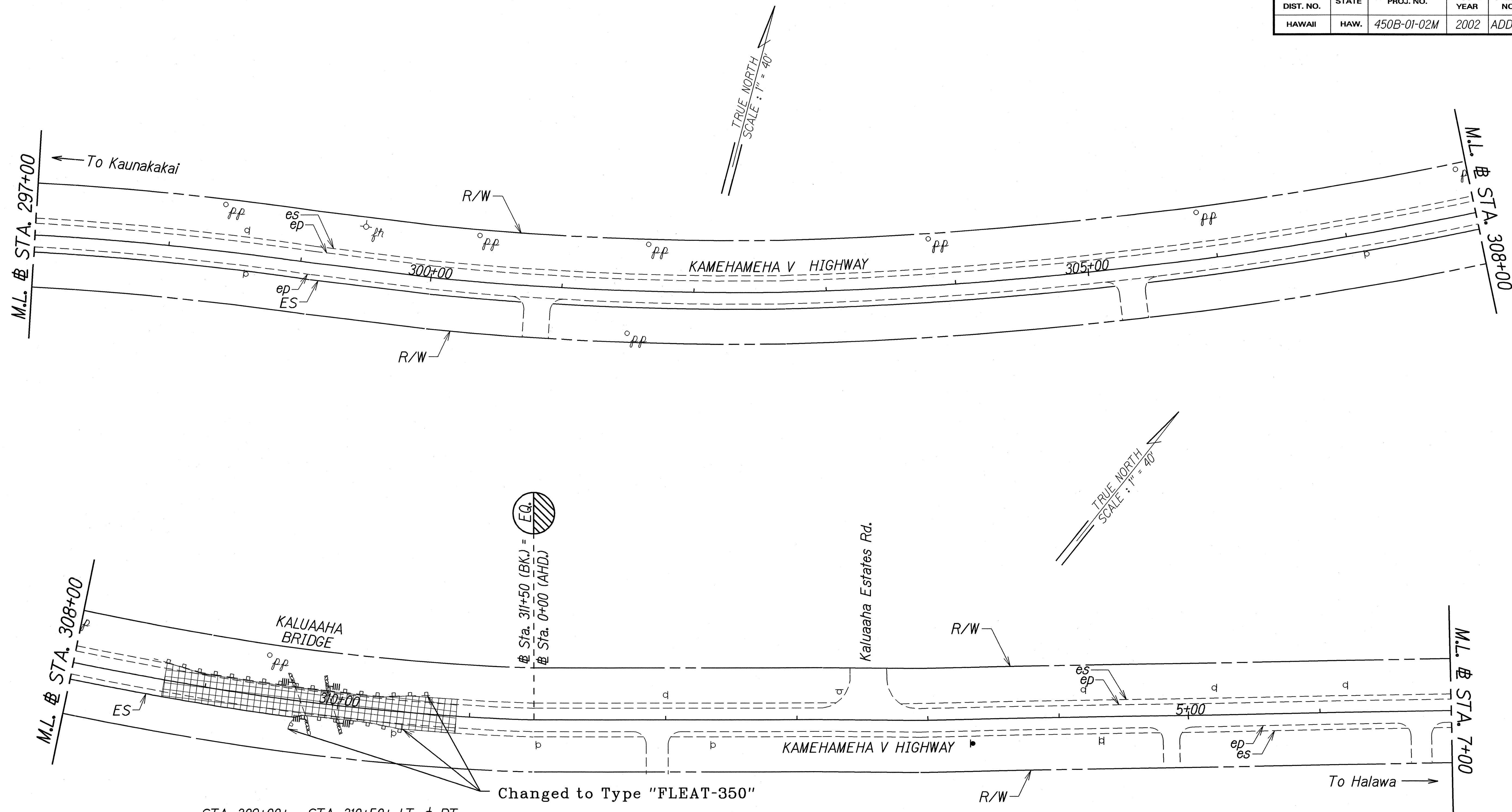
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Kamalo to Pukoo
Project No. 450B-01-02M

Scale: 1" = 40' Date: May, 2001

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	ADD.17	40



STA. 309+00± - STA. 310+50± LT. & RT.
 Approach & Trailing Ends - Remove existing flare terminals
 and replace with Type ET-2000
 (4 EA)
 Clean Debris and Silt Underneath
 the Bridge L.S.

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

1/18/02	Added Notes.
DATE	REVISION

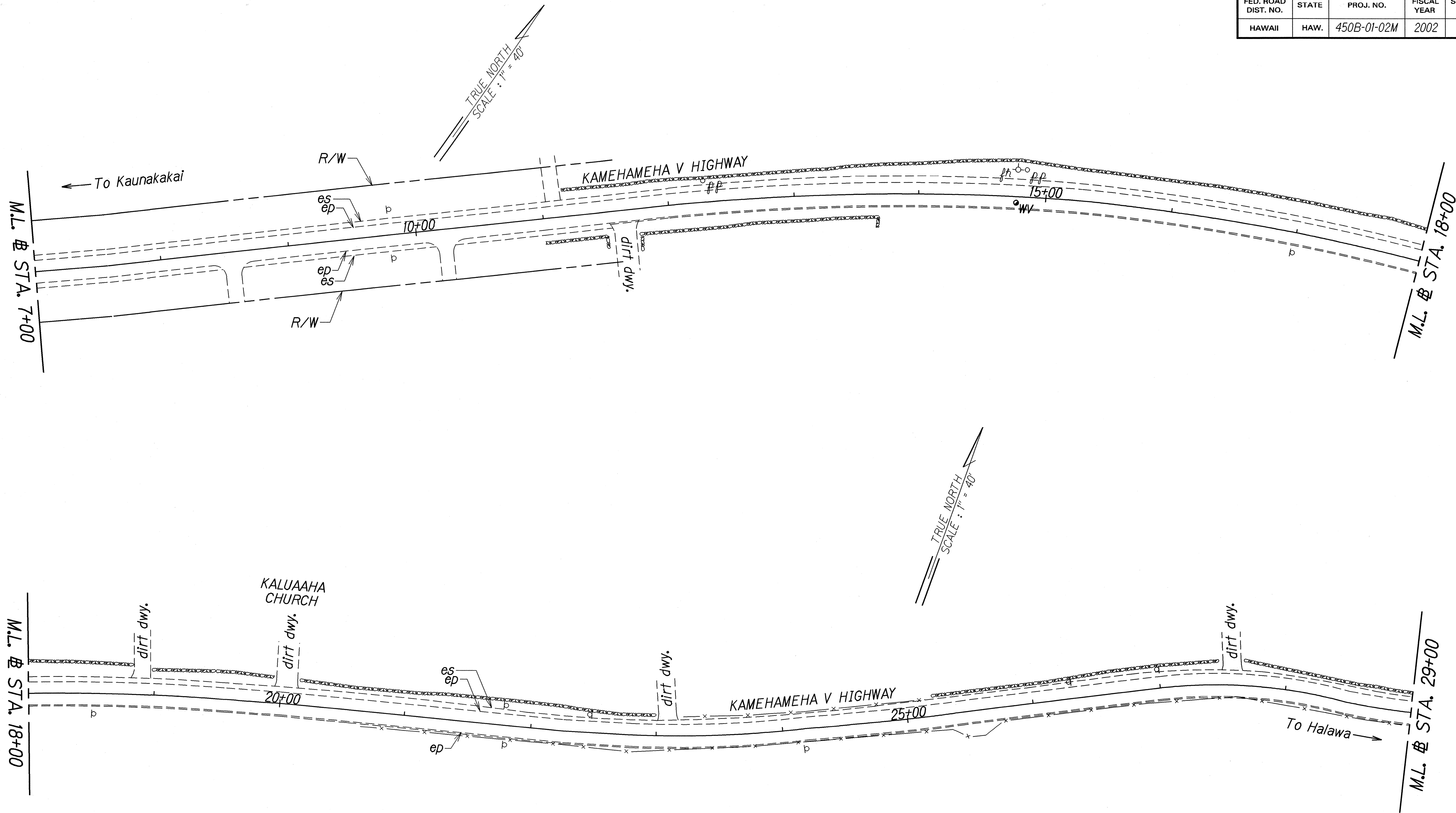
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
KAMEHAMEHA V HIGHWAY RESURFACING	
Kamalo to Pukoo	
Project No. 450B-01-02M	
Scale: 1" = 40'	Date: May, 2001
SHEET No. 7 OF 13 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	10/10/01
DESIGNED BY	CHECKED BY	
SKETCHED BY		

"AS-BUILT"

ADD.17

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	18	40



ORIGINAL PLAN	DATE	DESIGNED BY	CHECKED BY
NOTE BOOK	10/1/01	DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY
10/1/01		DESIGNED BY	CHECKED BY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

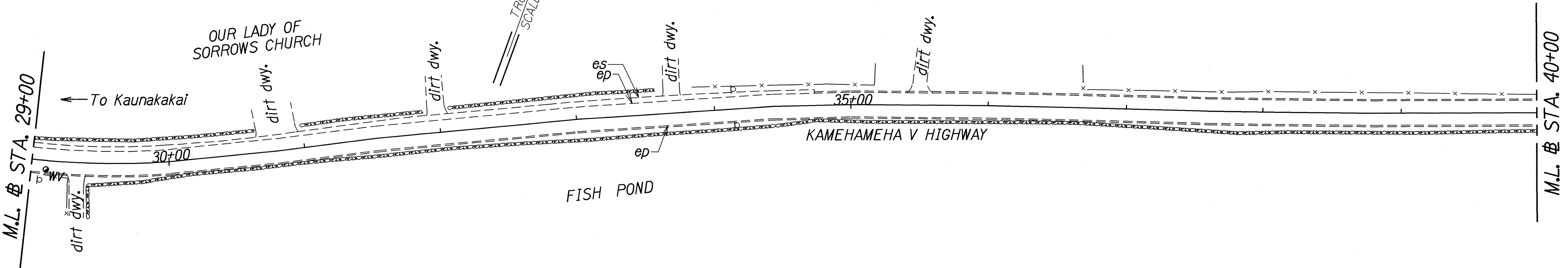
Kamalo to Pukoo

Project No. 450B-01-02M

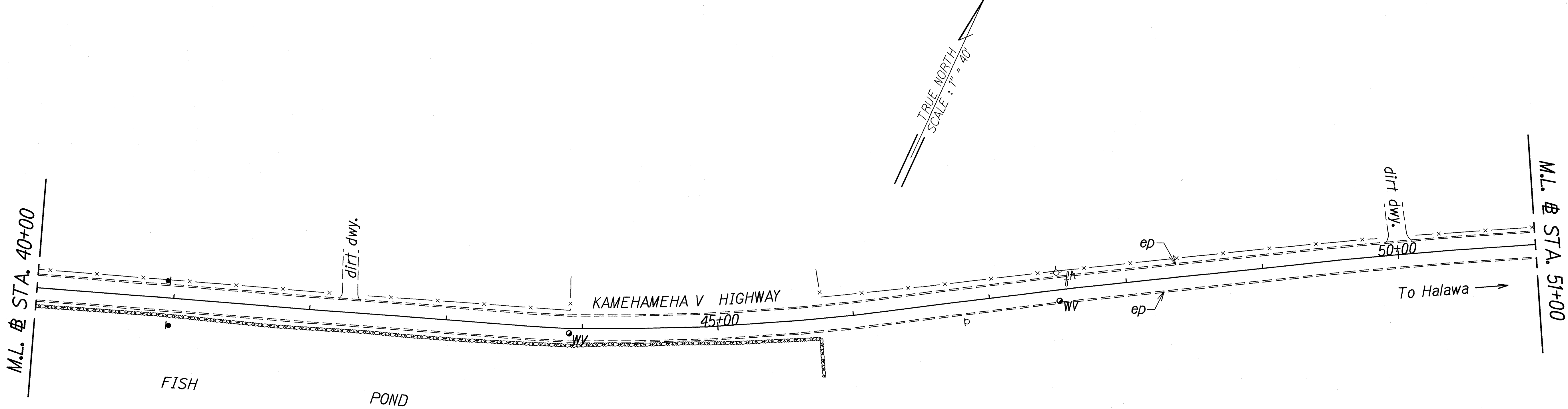
Scale: 1" = 40' Date: May, 2001

SHEET No. 8 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	19	40



STA. 31+00 RT. - STA. 43+00 RT.
 Install RM-3 w/flexible post @ 50' o.c. (25 EA)



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	2001.01
mei/19/	QUANTITIES BY	
9/20/2001	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

Kamalo to Pukoo

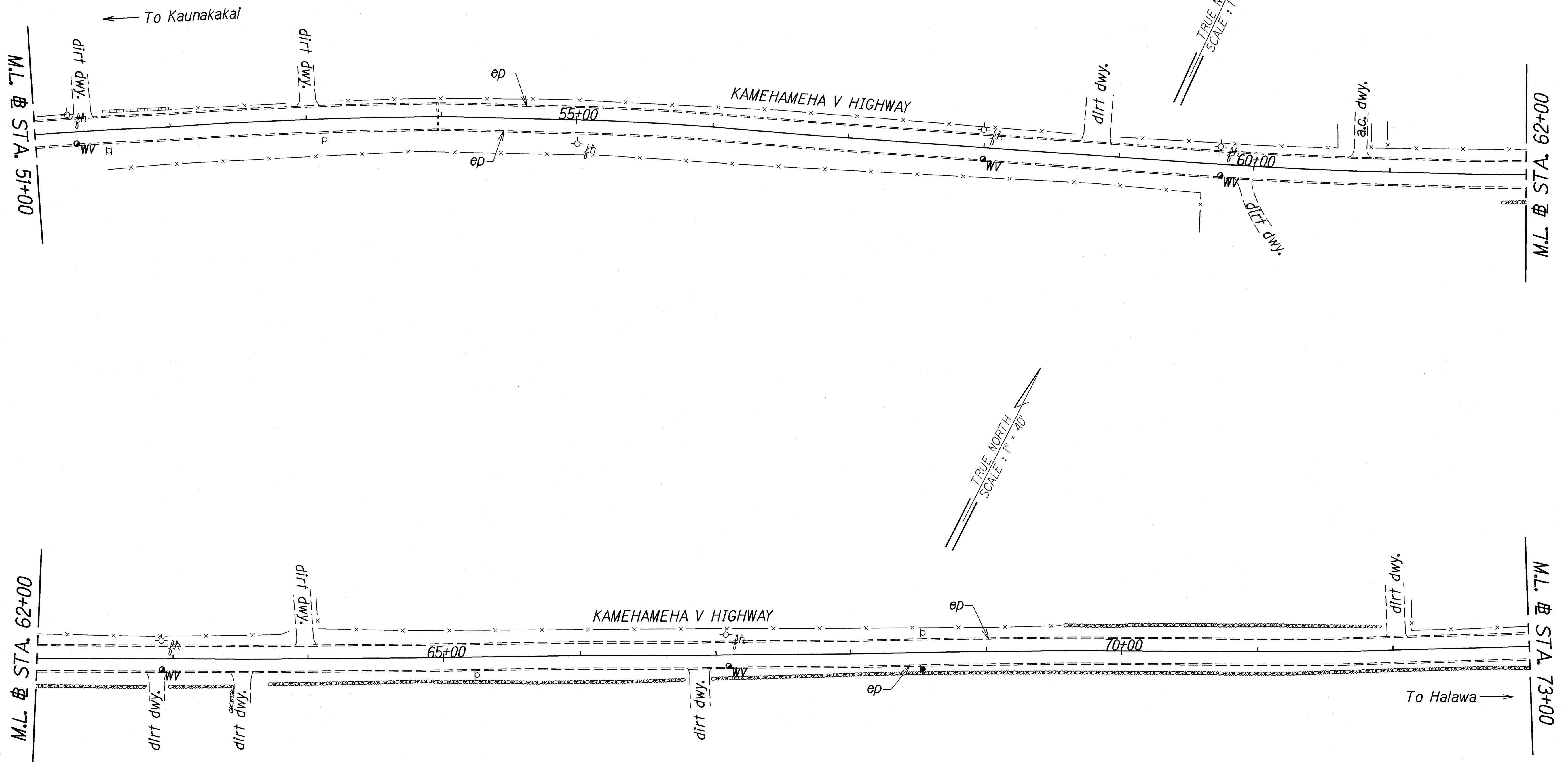
Project No. 450B-01-02M

Scale: 1" = 40'

Date: May, 2001

SHEET No. 9 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	20	40



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	5/24/01
DESIGNED BY	DESIGNED BY	
QUANTITIES BY	QUANTITIES BY	
CHECKED BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

Kamalo to Pukoo

Project No. 450B-01-02M

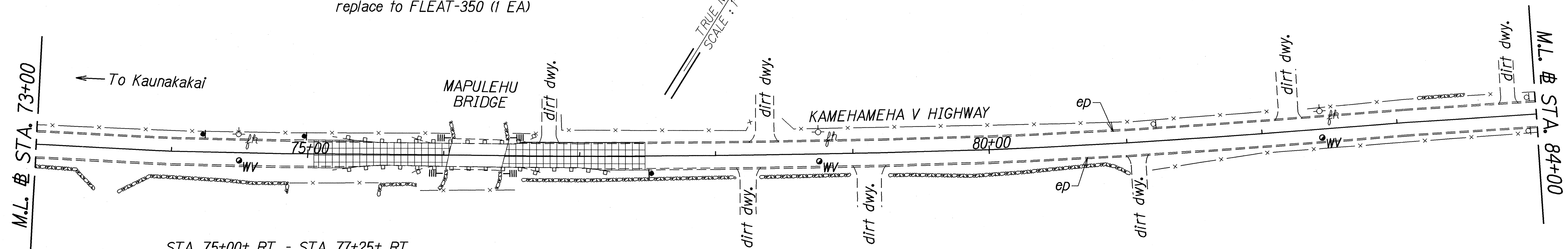
Scale: 1" = 40' Date: May, 2001

SHEET No. 10 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	ADD.21	40

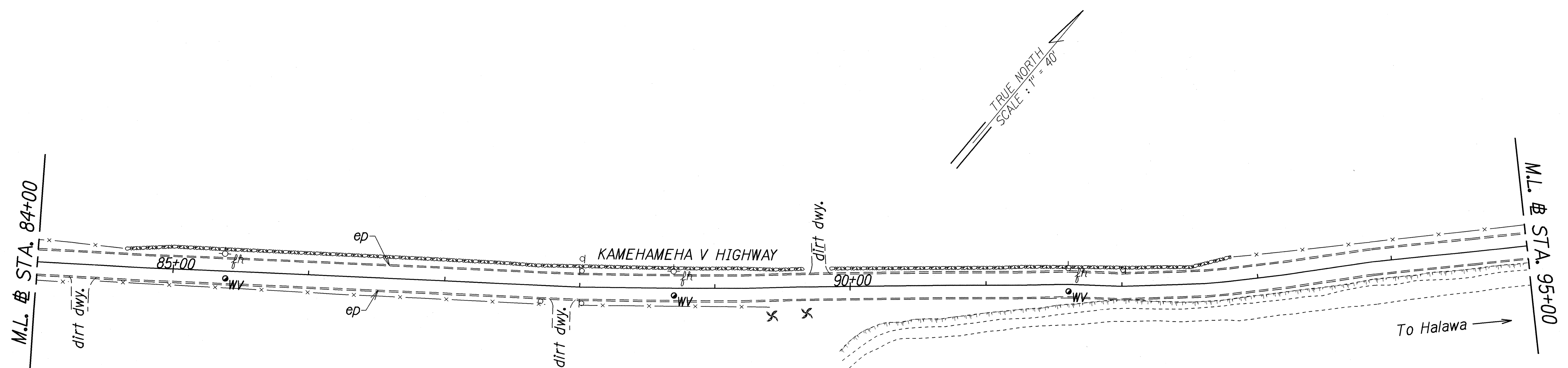
STA. 75+00± LT. - STA. 76+50± LT.

Trailing End - Remove existing BCT terminals & replace to FLEAT-350 (1 EA)



STA. 75+00± RT. - STA. 77+25± RT.

Approach & Trailing End - Remove existing Type BCT terminals (2 EA)
 & replace w/Type FLEAT-350 (2 EA)
 Clean Debris and Silt Underneath the Bridge L.S.



STA. 90+00 RT. - STA. 102+50 RT.

Install RM-3 w/flexible post @ 50' o.c. (26 EA)

1/18/02	Added Notes.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING

Kamalo to Pukoo

Project No. 450B-01-02M

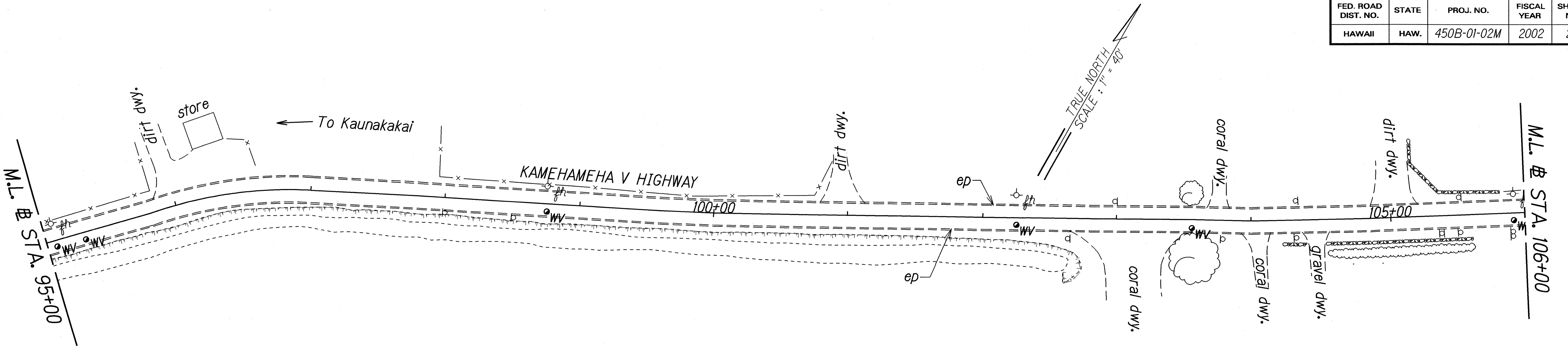
Scale: 1" = 40' Date: May, 2001

SHEET No. 11 OF 13 SHEETS

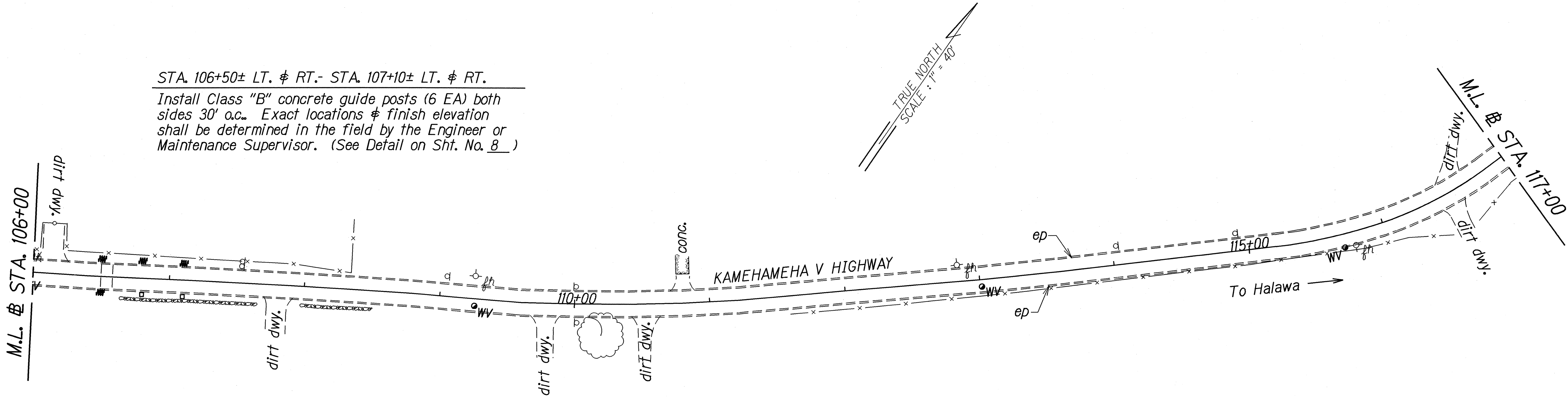
ADD.21

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY <u>tg</u> _____
	TRACED BY _____
	DESIGNED BY <u>SC</u> _____
	QUANTITIES BY _____
	CHECKED BY _____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	22	40



STA. 106+50± LT. & RT.- STA. 107+10± LT. & RT.
 Install Class "B" concrete guide posts (6 EA) both sides 30' o.c. Exact locations & finish elevation shall be determined in the field by the Engineer or Maintenance Supervisor. (See Detail on Sht. No. 8)



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	10/1/01
DESIGNED BY	CHECKED BY	
DATE		

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

Kamalo to Pukoo

Project No. 450B-01-02M

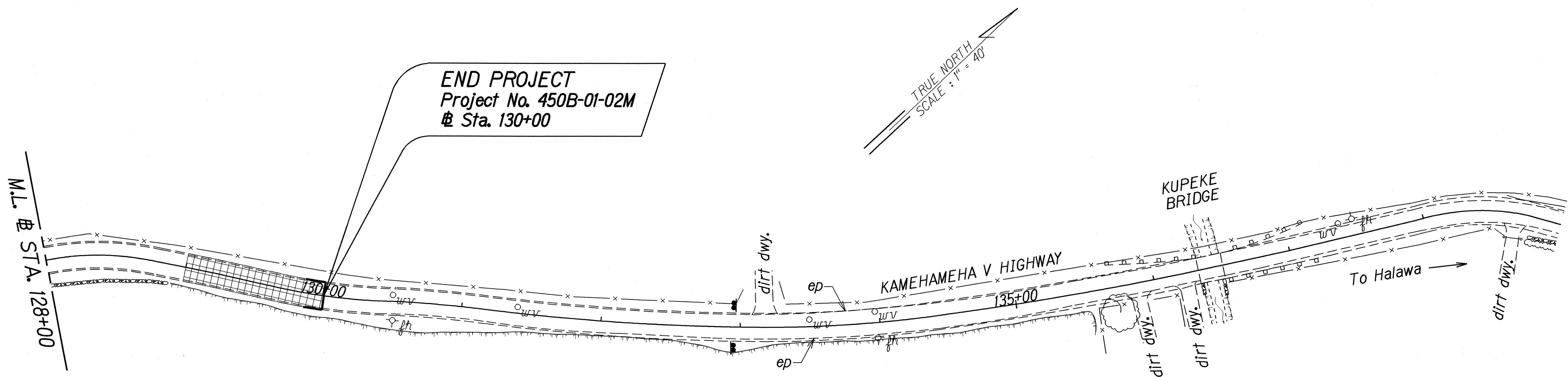
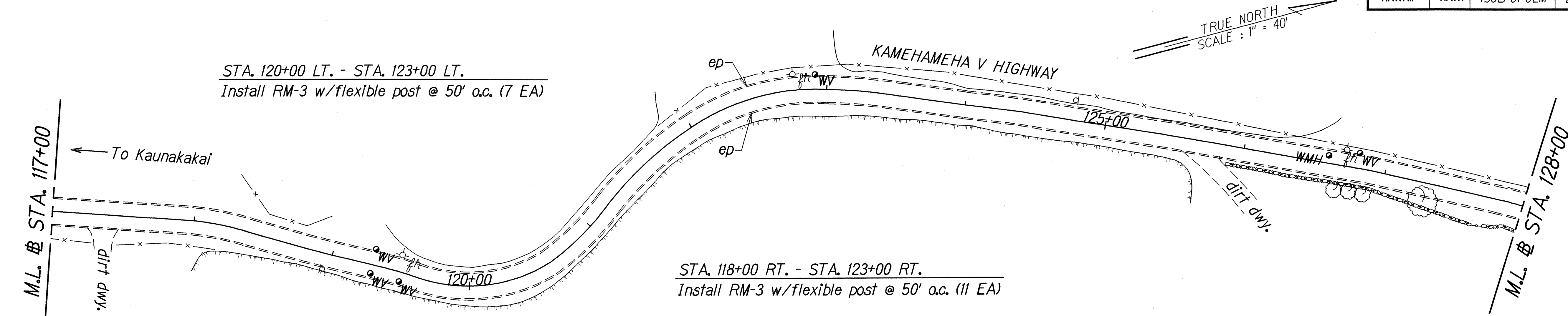
Scale: 1" = 40'

Date: May, 2001

SHEET No. 12 OF 13 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450B-01-02M	2002	23	40



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	2001.01
CHECKED BY	QUANTITIES BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HIGHWAY RESURFACING
Kamalo to Pukoo
Project No. 450B-01-02M

Scale: 1" = 40' Date: May, 2001

SHEET No. 13 OF 13 SHEETS