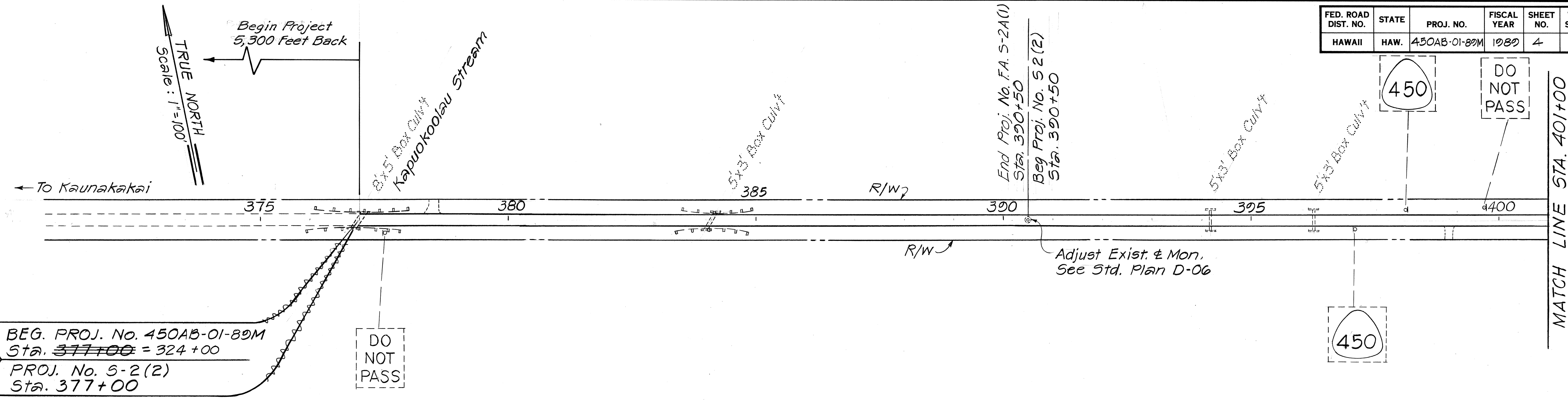
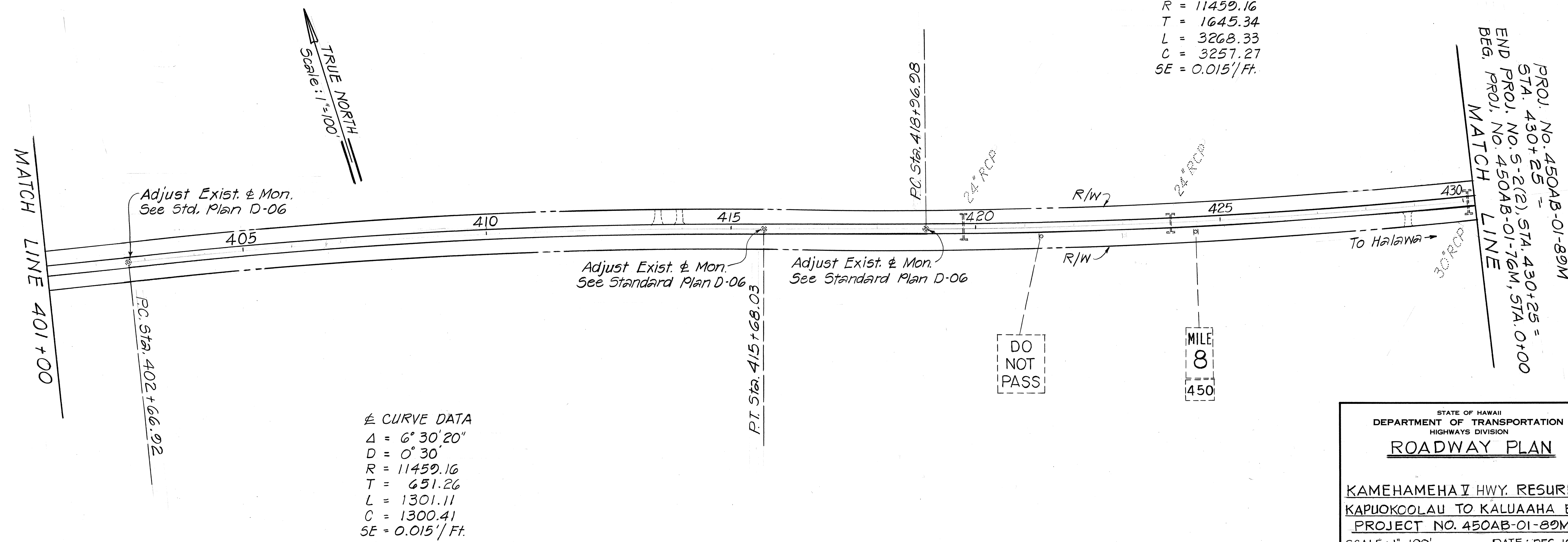


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-89M	1989	4	11



Δ CURVE DATA
 Δ = 16° 20' 30"
 D = 0° 30'
 R = 11459.16
 T = 1645.34
 L = 3268.33
 C = 3257.27
 SE = 0.015'/Ft.



Δ CURVE DATA
 Δ = 6° 30' 20"
 D = 0° 30'
 R = 11459.16
 T = 651.26
 L = 1301.11
 C = 1300.41
 SE = 0.015'/Ft.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN
 KAMEHAMEHA I HWY. RESURF'G
 KAPUOKOOLAU TO KALUAAHA BR.
 PROJECT NO. 450AB-01-89M
 SCALE: 1"=100' DATE: DEC. 1988
 SHEET No. 1 OF 7 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-82M	1988	5	11

END PROJ. NO. S-2(2) - STA. 430+25 =
 BEG. PROJ. NO. 450AB-01-76M - STA. 0+00
 MATCH LINE

DO NOT PASS

SPEED LIMIT 30

TRUE NORTH
 Scale: 1"=100'

M. L. STA. 30+00

TRUE NORTH
 Scale: 1"=100'

M. L. STA. 60+00

To Halawa

M. L. STA. 30+00

MILE 9
 450

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

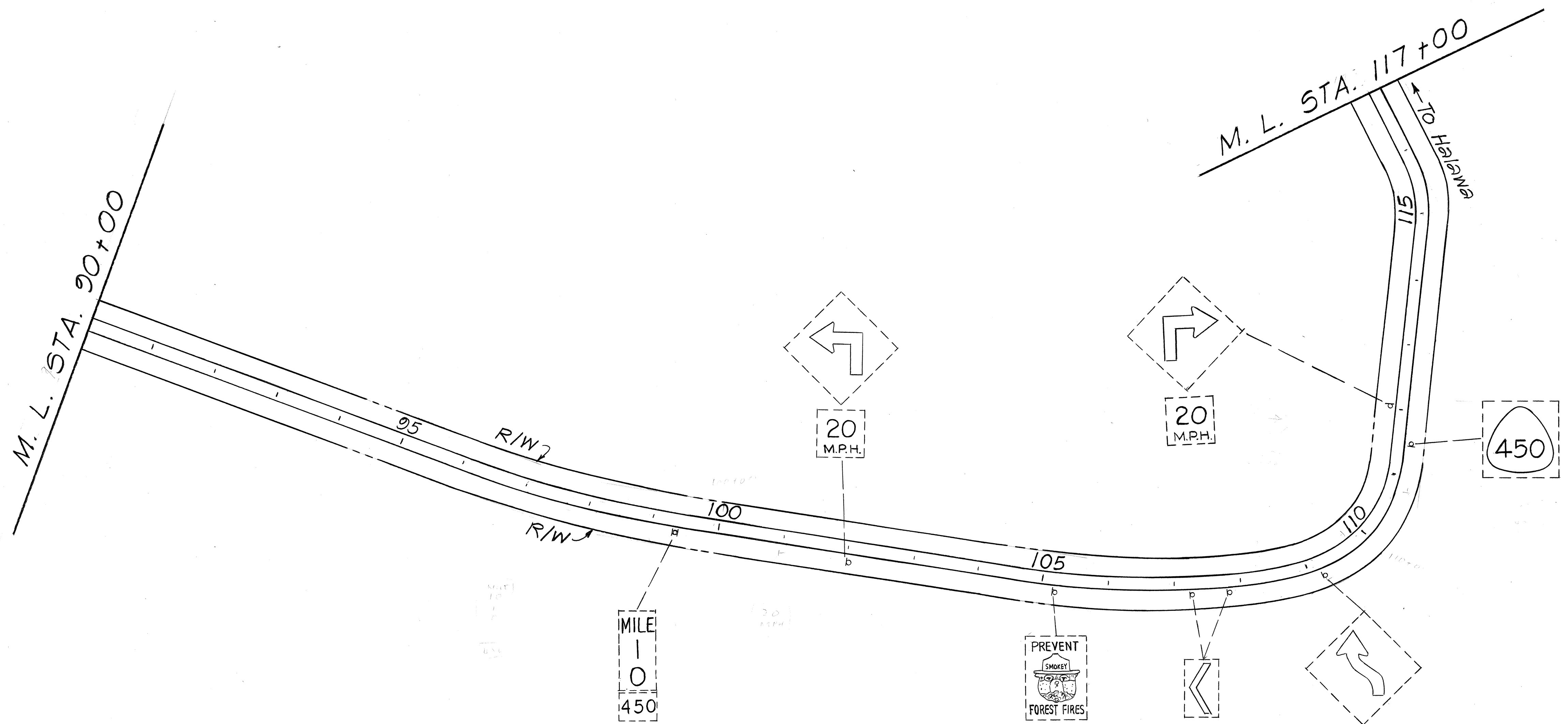
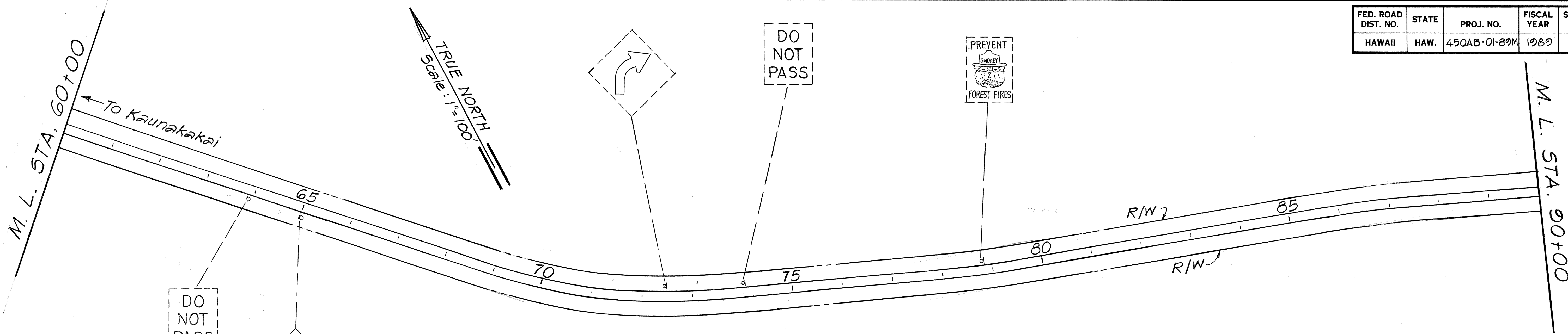
ROADWAY PLAN

KAMEHAMEHA II HWY. RESURF'G.
 KAPUOKOOLAU TO KALUAHA BR.
 PROJECT NO. 450AB-01-82M

SCALE: 1"=100' DATE: DEC. 1988
 SHEET No. 2 OF 7 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-89M	1989	6	11



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HWY. RESURF'G
KAPUOKOOLAU TO KALUAHA BR.
PROJECT NO. 450AB-01-89M
SCALE: 1"=100' DATE: DEC. 1988
SHEET No. 3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-89M	1989	7	11

FORD
DANGEROUS WHEN
WATER TOUCHES RED

DIP

25
M.P.H.

M. L. STA. 152+00

DIP

20
M.P.H.

FORD
DANGEROUS WHEN
WATER TOUCHES RED

TRUE NORTH
Scale: 1"=100'

M. L. STA. 182+00

To Halawa →

DO NOT
PASS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HWY. RESURF'G.
KAPUOKOOLAU TO KALUAHA BR.
PROJECT NO. 450AB-01-89M

SCALE: 1"=100' DATE: DEC. 1988

SHEET No. 4 OF 7 SHEETS

TRUE NORTH
Scale: 1"=100'

To Kaunakakai →

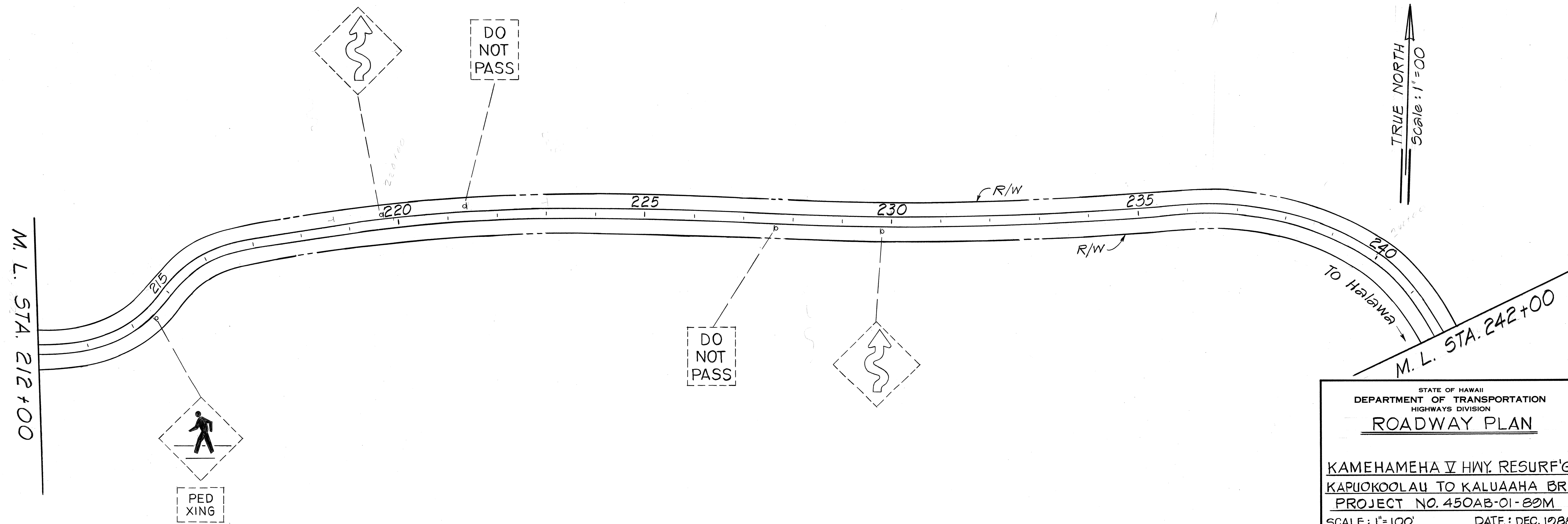
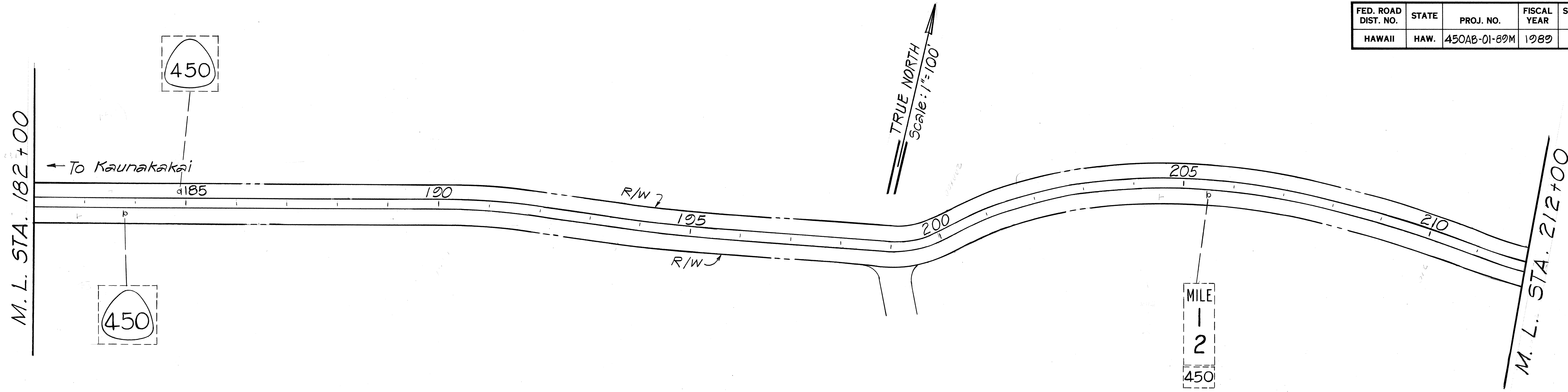
M. L. STA. 117+00

M. L. STA. 152+00

MILE
450

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-82M	1989	8	11



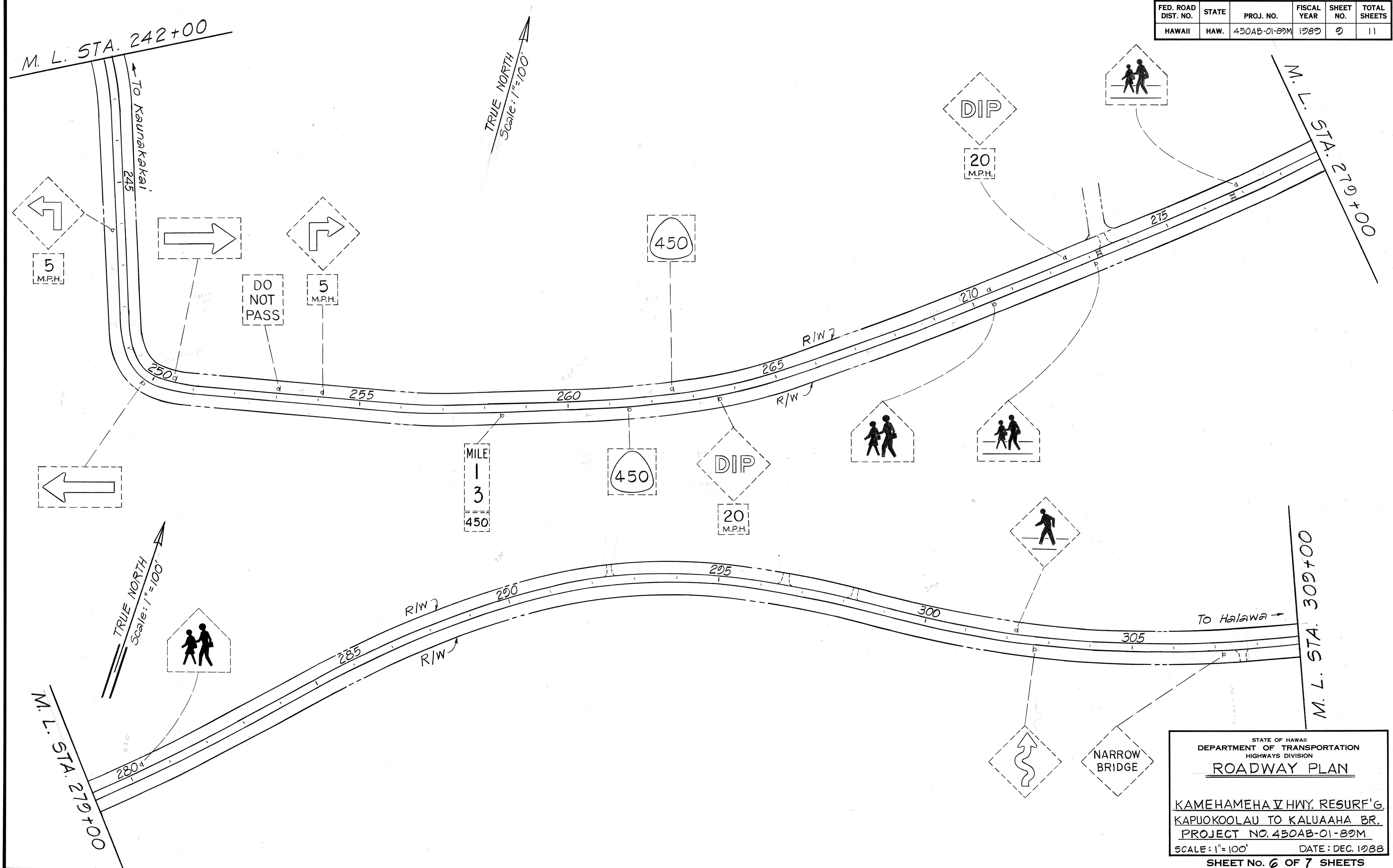
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HWY. RESURF'G.
KAPUOKOOLAU TO KALUAHA BR.
PROJECT NO. 450AB-01-82M
SCALE: 1"=100' DATE: DEC. 1988
SHEET No. 5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450AB-01-89M	1989	9	11



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

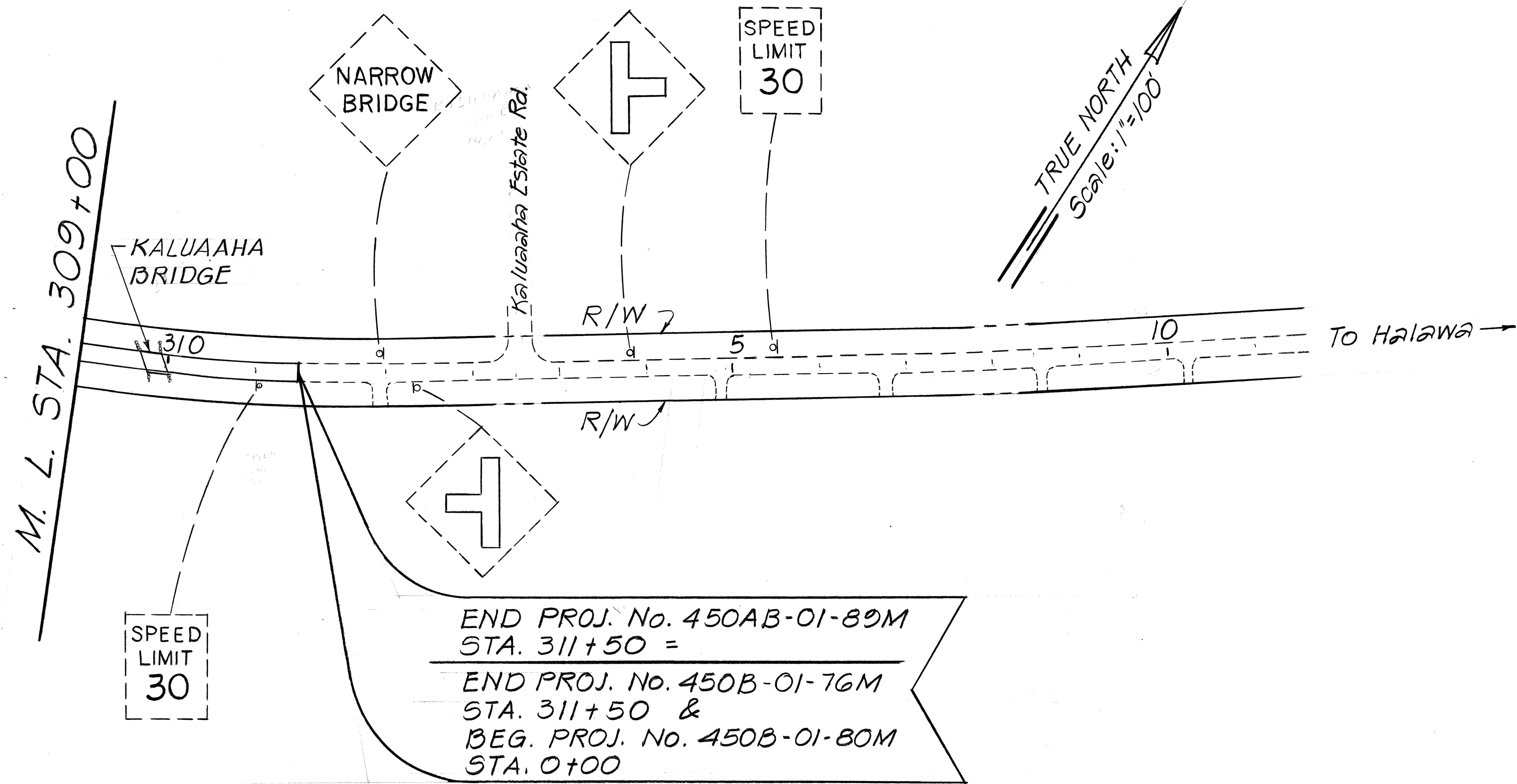
ROADWAY PLAN

KAMEHAMEHA V HWY. RESURF'G.
KAPUOKOOLAU TO KALUAAHA BR.
PROJECT NO. 450AB-01-89M

SCALE: 1"=100' DATE: DEC. 1988

SHEET No. 6 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	450-01-89M	1989	10	11



ITEM NO. 604.4570- ADJUST MANHOLE & VALVE BOX FRAME AND COVER

STATION	QUANTITY (each)
194 + 38 Lt.	1
227 + 27 Lt.	1
234 + 15 Lt.	1
238 + 46 Lt.	1
238 + 78 Lt.	1
249 + 32 Rt.	1
257 + 74 Rt.	1
264 + 60 Rt.	1
271 + 46 Rt.	1
275 + 16 Rt.	1
277 + 27 Rt.	1
282 + 55 Rt.	1
285 + 72 Rt.	1
289 + 42 Rt.	1
293 + 12 Rt.	1
301 + 04 Rt.	1
310 + 35 Rt.	1
TOTAL	17

*ITEM NO. 621.5100-REGULATORY & WARNING SIGN (10 sq. ft. or less w/post)

DESCRIPTION	DESIGNATION NO.	QUANTITY (each)
Do not pass	R4-1	3
Pass with care	R4-2	13
TOTAL		16

*Location of signs will be determined in the field by the Engineer.

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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

KAMEHAMEHA V HWY. RESURF'G
 KAPUOKOOLAU TO KALUAHAHA BR.
 PROJECT NO. 450AB-01-89M
 SCALE: 1"=100' DATE: DEC. 1988
 SHEET No. 7 OF 7 SHEETS