

TRUE NORTH
Scale: 1" = 40'

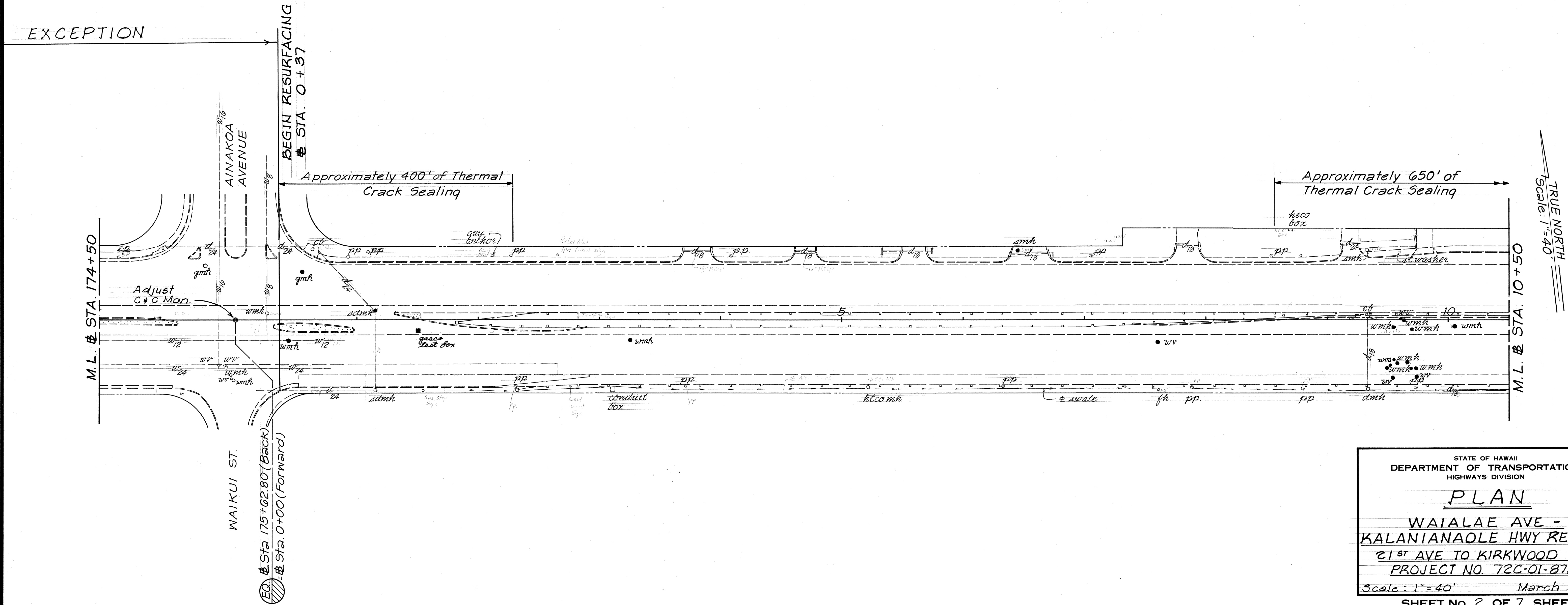
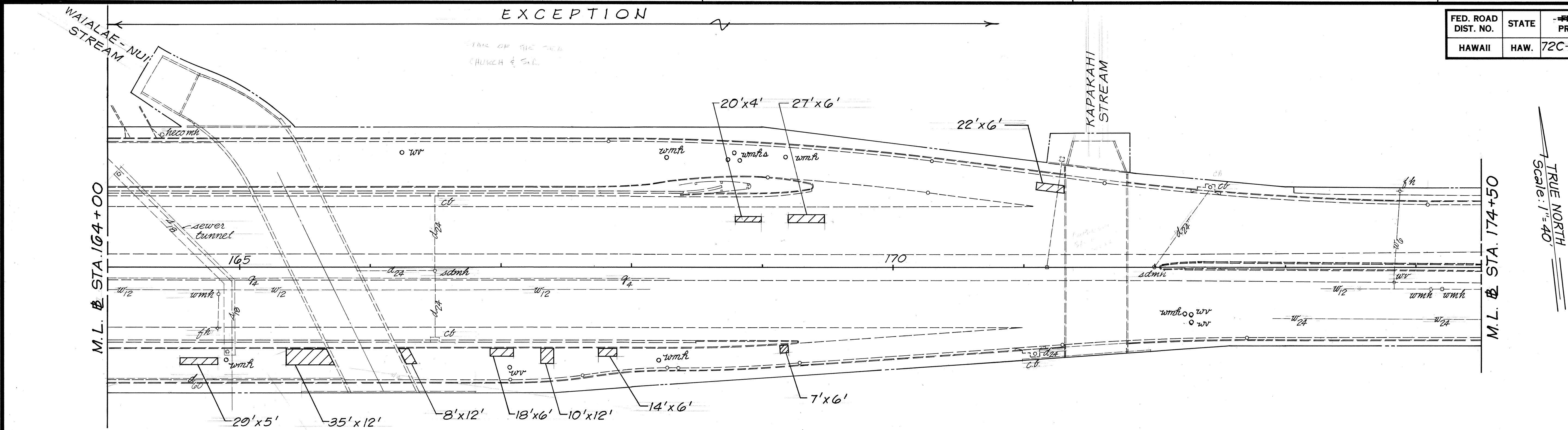
M.L. STA. 154+00

TRUE NORTH
Scale: 1"=40'

5

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	_____
	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____
	No. _____	_____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-87M	1987	6	20



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

WAIALAE AVE - KALANIANA'OLE HWY RESUR.

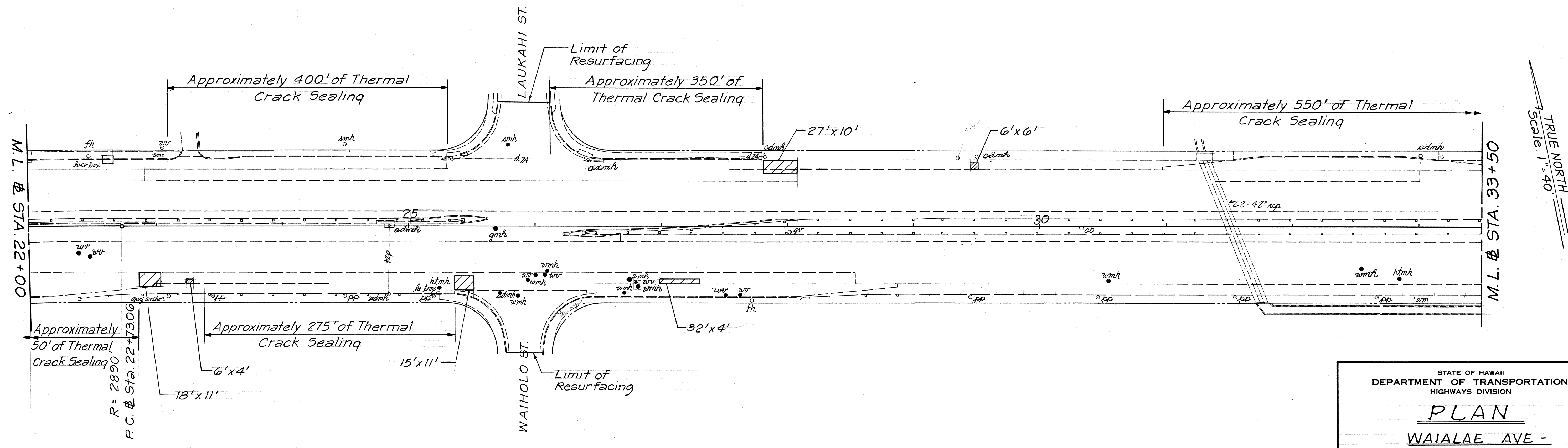
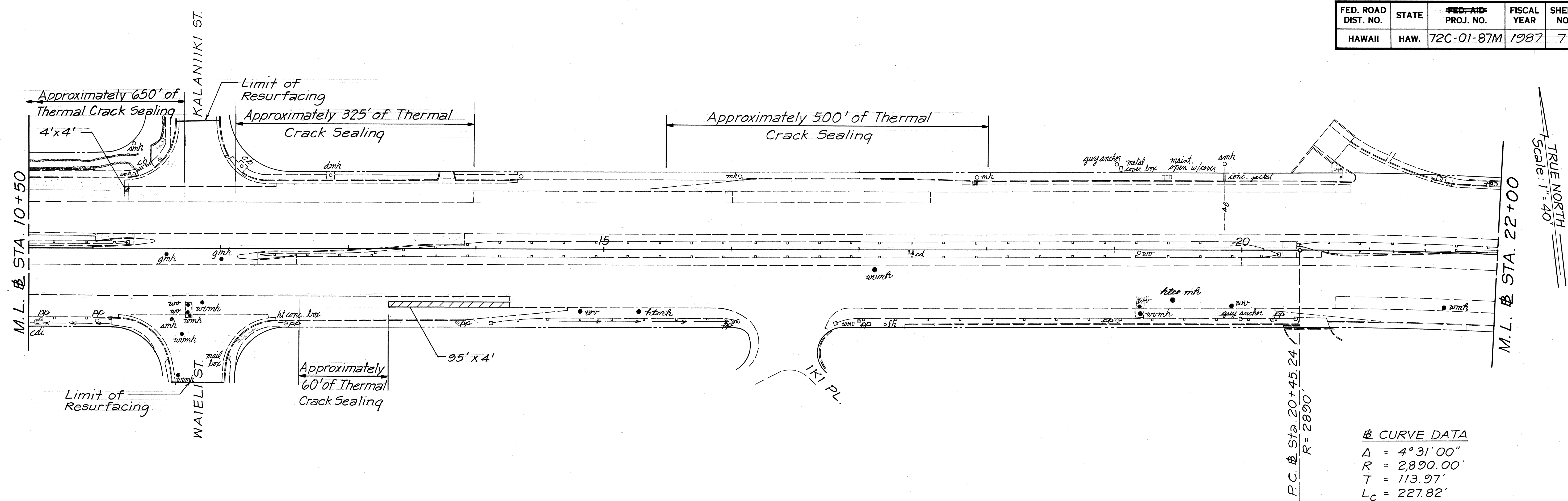
21ST AVE TO KIRKWOOD ST.

PROJECT NO. 72C-01-87M

Scale: 1"=40' March 1987

SHEET NO. 2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-87M	1987	7	20



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

WAIALAE AVE -
KALANIANA'OLE HWY RESURF.

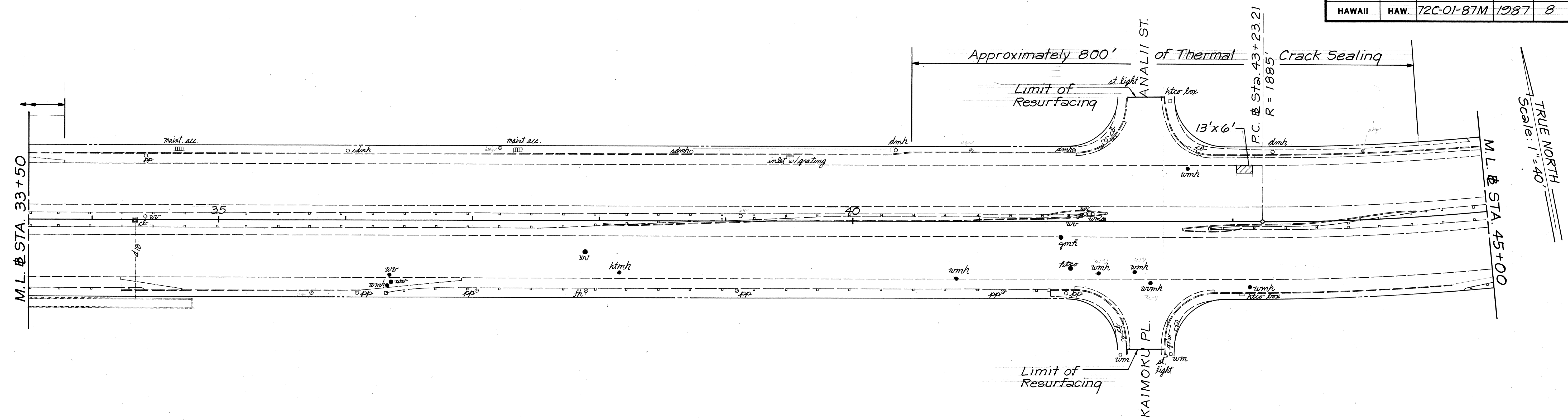
21 ST AVE TO KIRKWOOD ST.

PROJECT NO. 72C-01-87M

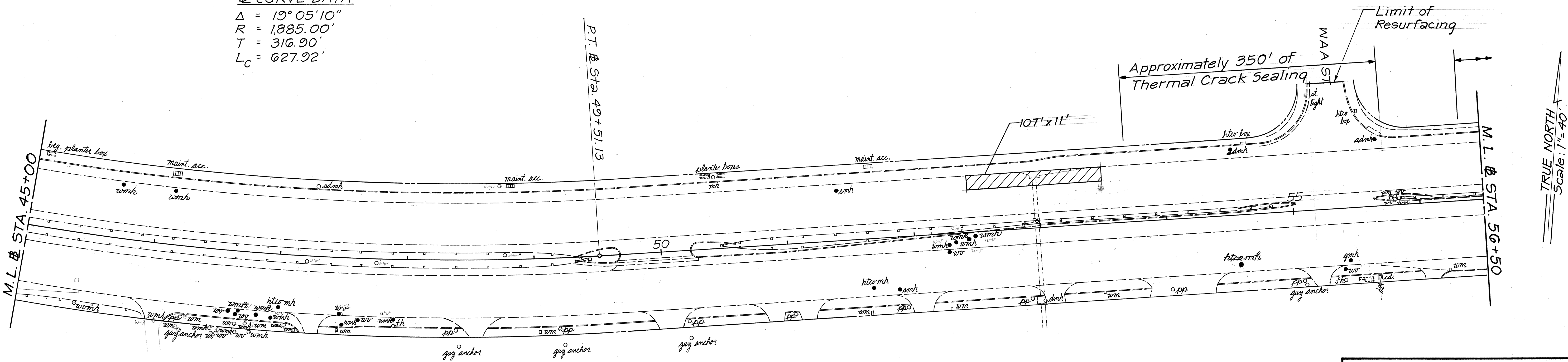
Scale: 1" = 40' March 1987

SHEET No. 3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-87M	1987	8	20



☺ CURVE DATA
 $\Delta = 19^{\circ} 05' 10''$
 $R = 1885.00'$
 $T = 316.90'$
 $L_c = 627.92'$



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

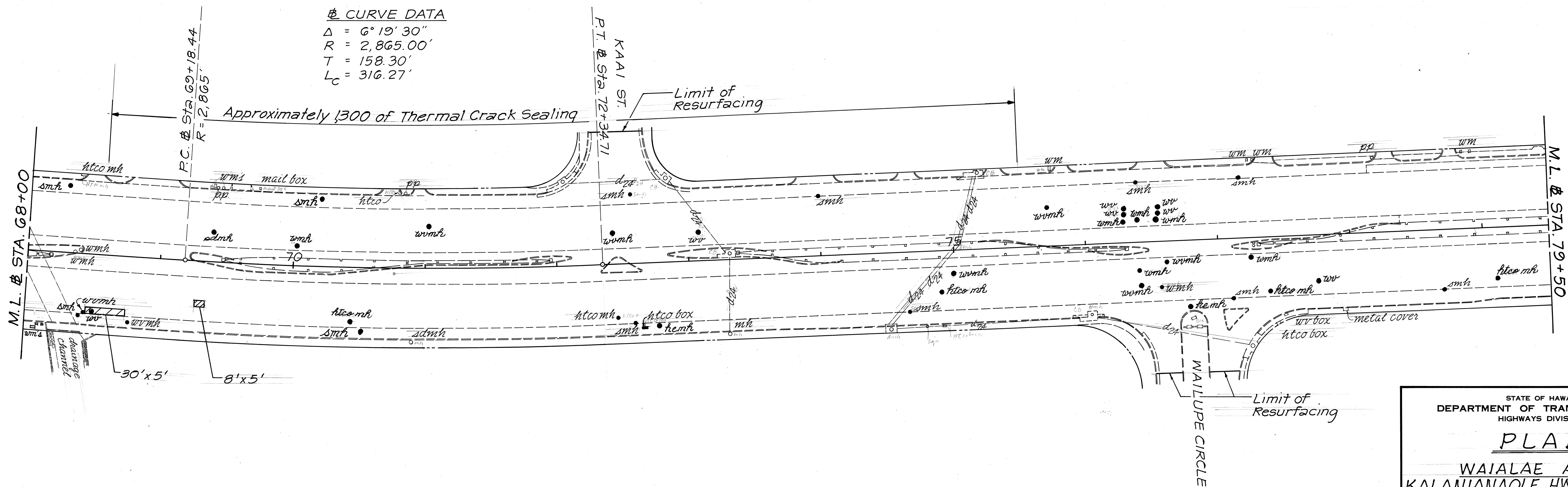
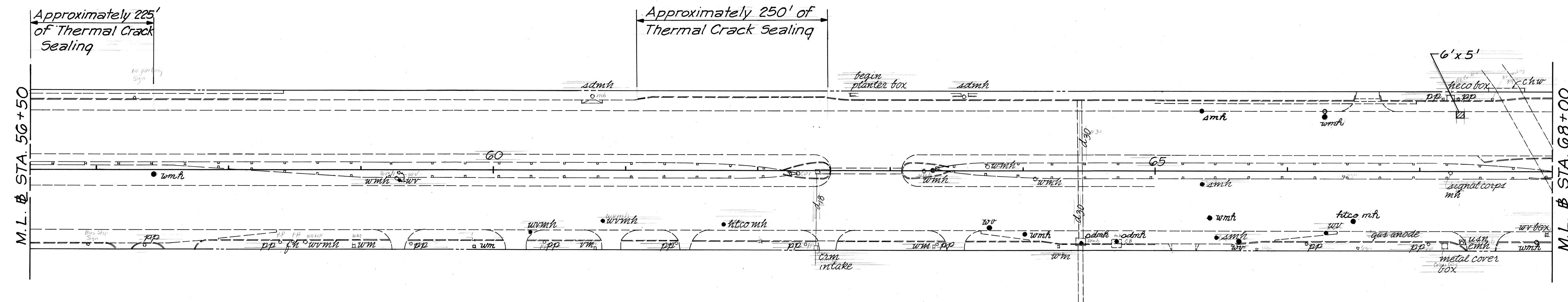
PLAN

WAIALAE AVE -
KALANIANA'OLE HWY RESURF.
21ST AVE TO KIRKWOOD ST.
PROJECT NO. 72C-01-87M

Scale: 1" = 40' March 1987

SHEET NO. 4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-87M	1987	9	20



ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

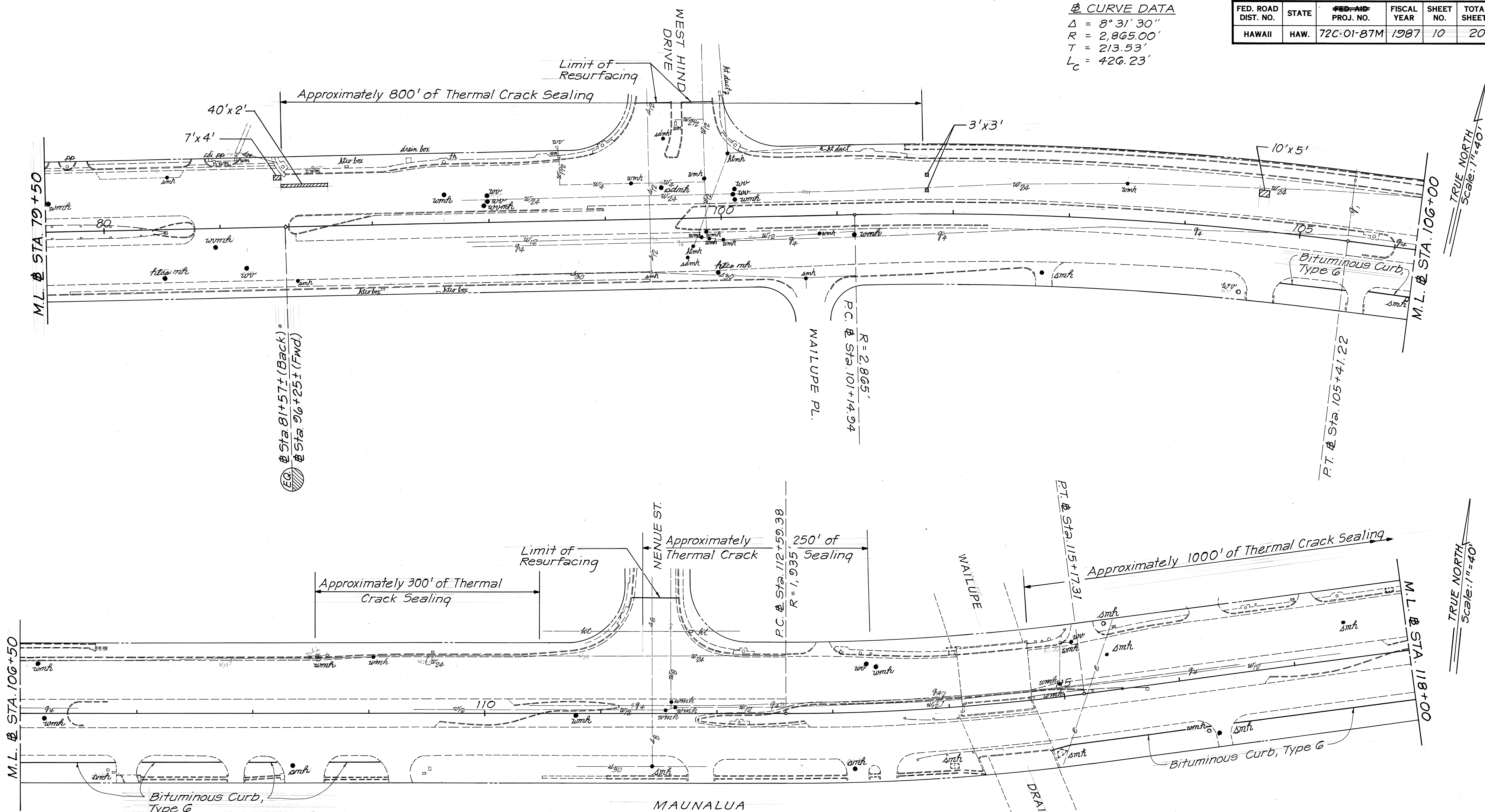
PLAN

WAIALAE AVE -
KALANIANA'OLE HWY RESURF.
21ST AVE TO KIRKWOOD ST.
PROJECT NO. 72C-01-87M
Scale: 1" = 40' March, 1987
SHEET No. 5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-87M	1987	10	20

② CURVE DATA

$\Delta = 8^{\circ} 31' 30''$
 $R = 2,865.00'$
 $T = 213.53'$
 $L_c = 426.23'$



② Sta 104+85 to 109+10 Right
 Construct Bituminous Curb,
 Type G and paint finished
 curb white. See details on
 sheet no. 4.

③ CURVE DATA
 $\Delta = 7^{\circ} 38' 15''$
 $R = 1,935.00'$
 $T = 129.15'$
 $L_c = 257.93'$

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

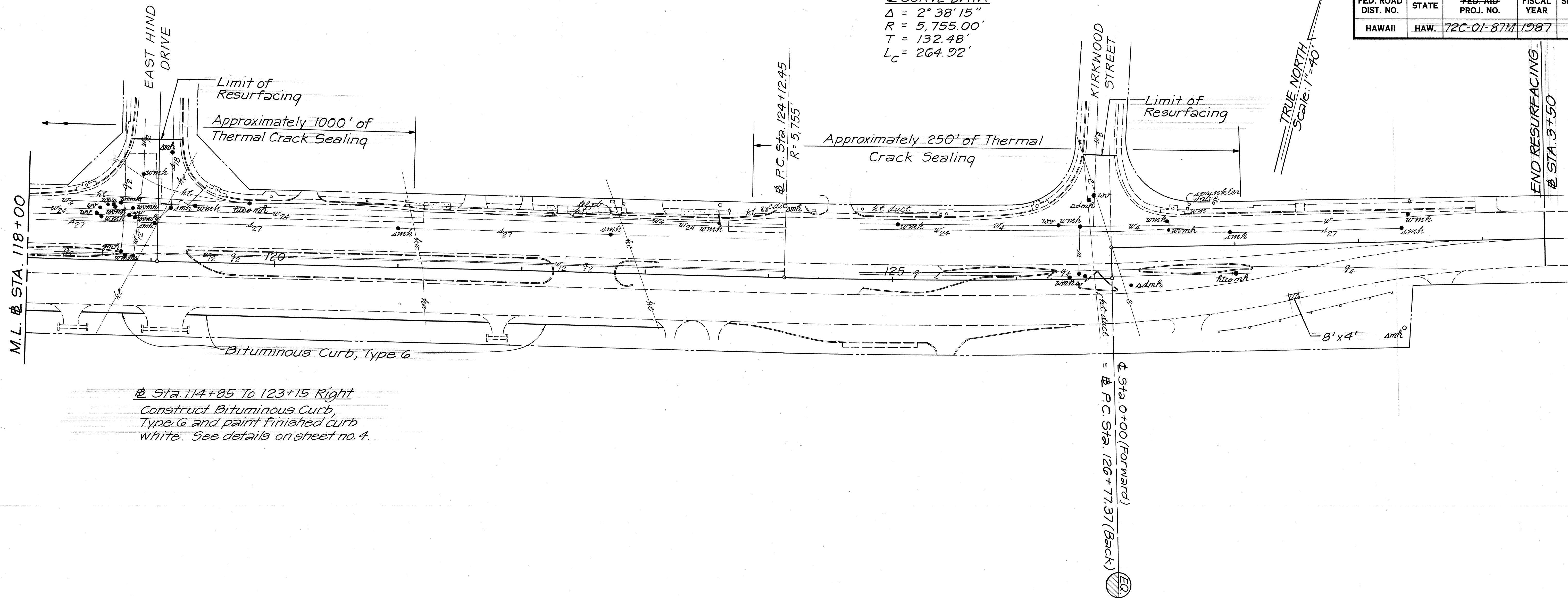
WAIALAE AVE -
 KALANIANA'OLE HWY RESURF.
 21ST AVE TO KIRKWOOD ST.
 PROJECT NO. 72C-01-87M
 Scale: 1" = 40' March 1987
 SHEET NO. 6 OF 7 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72C-01-87M	1987	11	20

CURVE DATA

$\Delta = 2^{\circ} 38' 15''$
 $R = 5,755.00'$
 $T = 132.48'$
 $L_c = 264.92'$



Sta. 114+85 To 123+15 Right
Construct Bituminous Curb,
Type G and paint finished curb
white. See details on sheet no. 4.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

WAI'ALAE AVE -
KALANIANA'OLE HWY RESURF.
21ST AVE TO KIRKWOOD ST.
PROJECT NO. 72C-01-87M

Scale : 1" = 40' March 1987

SHEET No. 7 OF 7 SHEETS