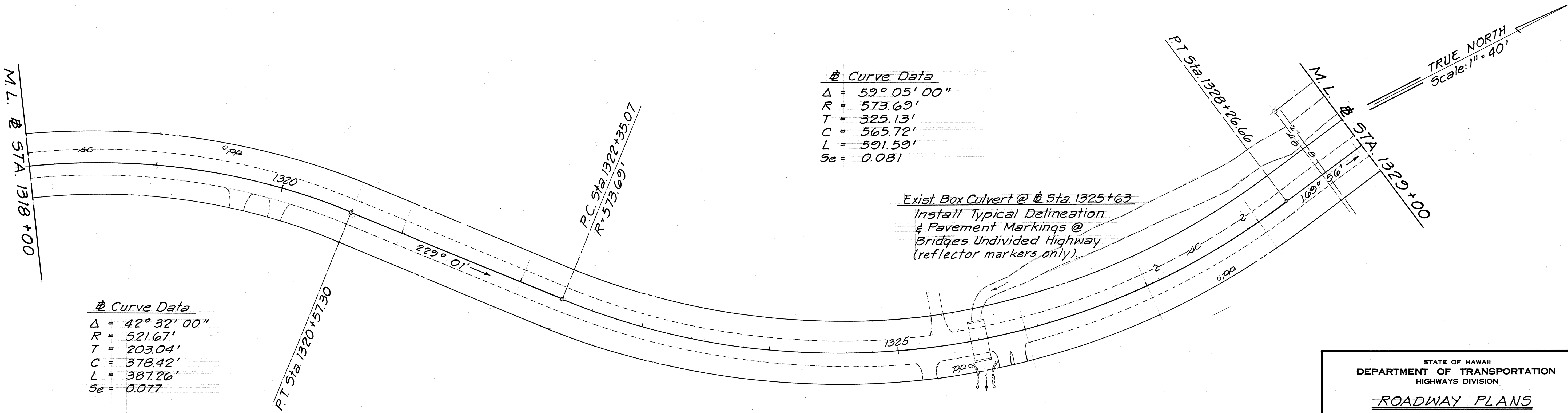
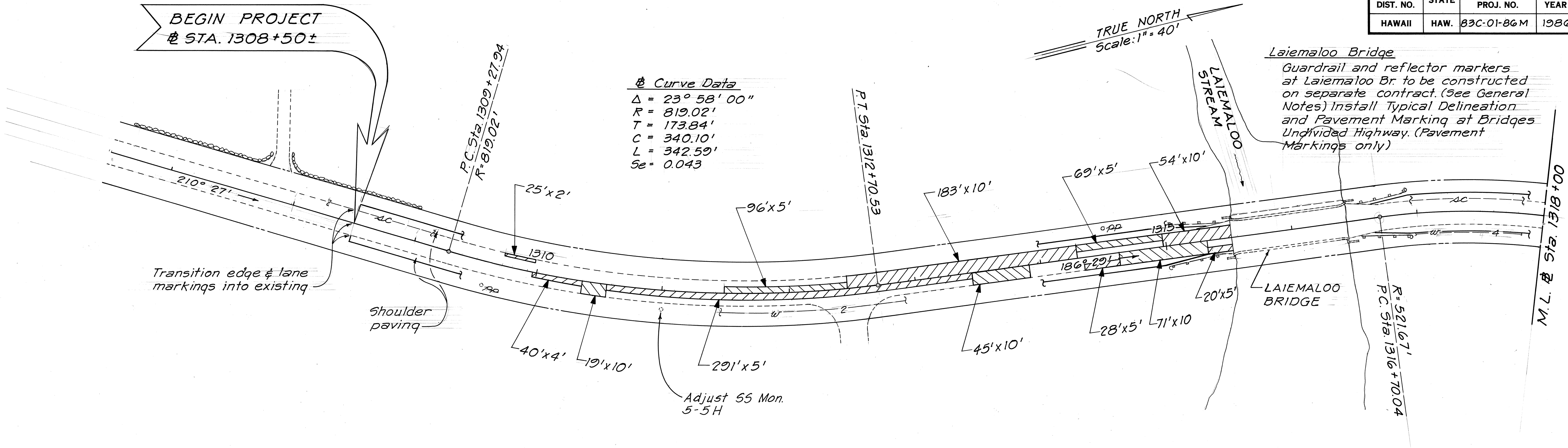


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	6	40



Curve Data
Δ = 42° 32' 00"
R = 521.67'
T = 203.04'
C = 378.42'
L = 387.26'
Se = 0.077

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

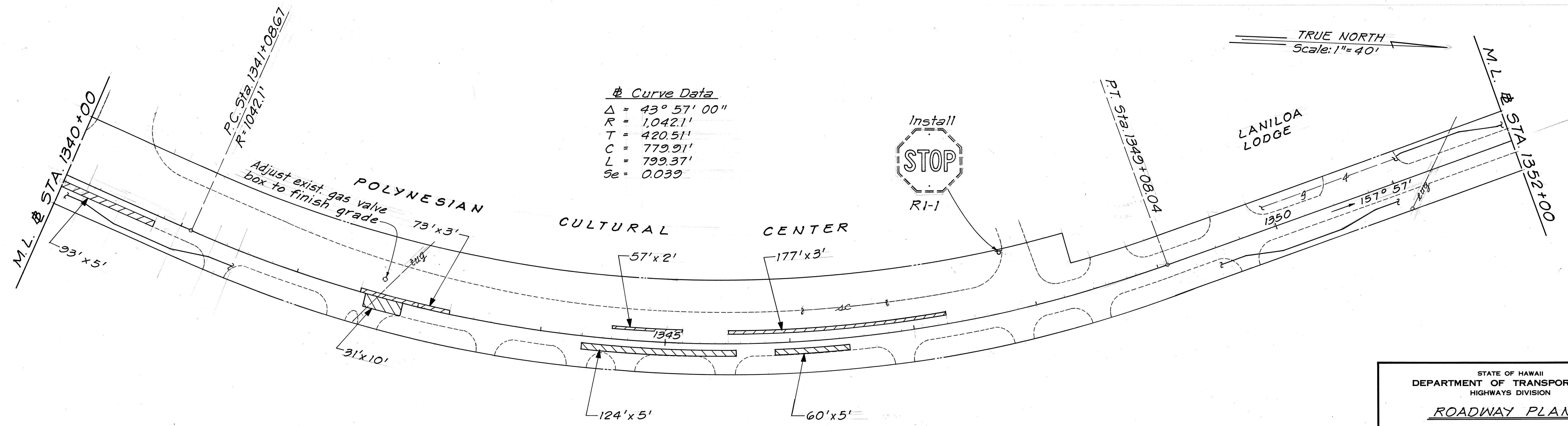
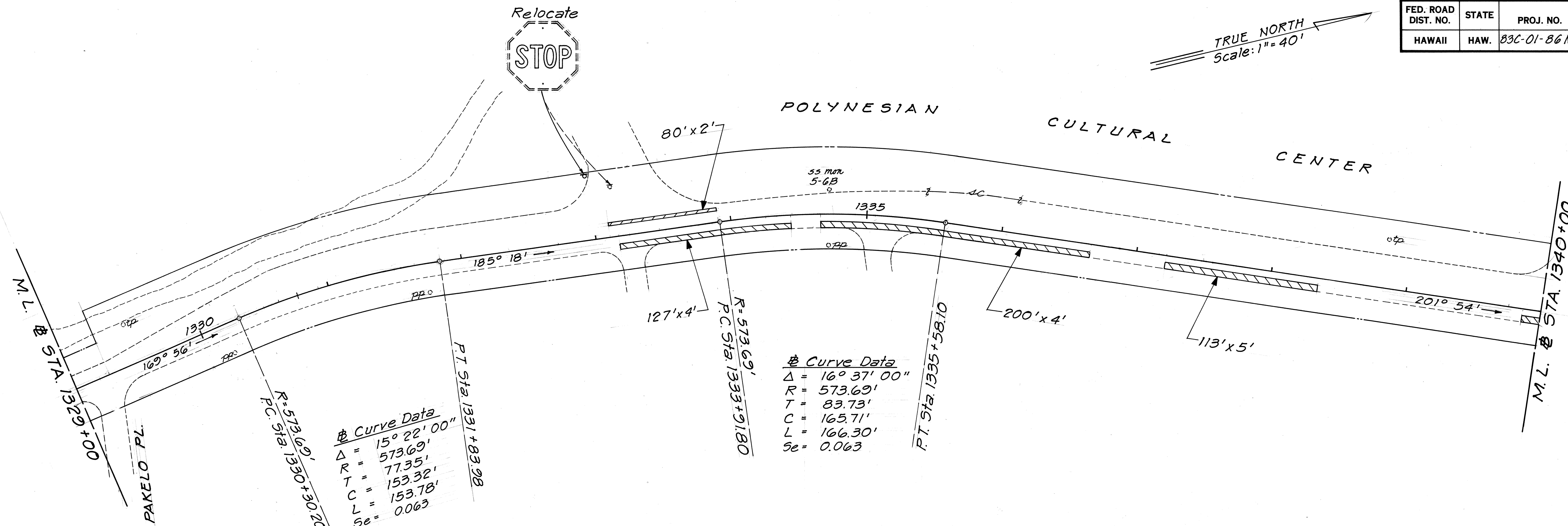
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puulua Street
PROJECT No. 83C-01-86M

Scale: 1" = 40' Date: Oct, 1985
SHEET No. 1 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	7	40

TRUE NORTH
Scale: 1" = 40'



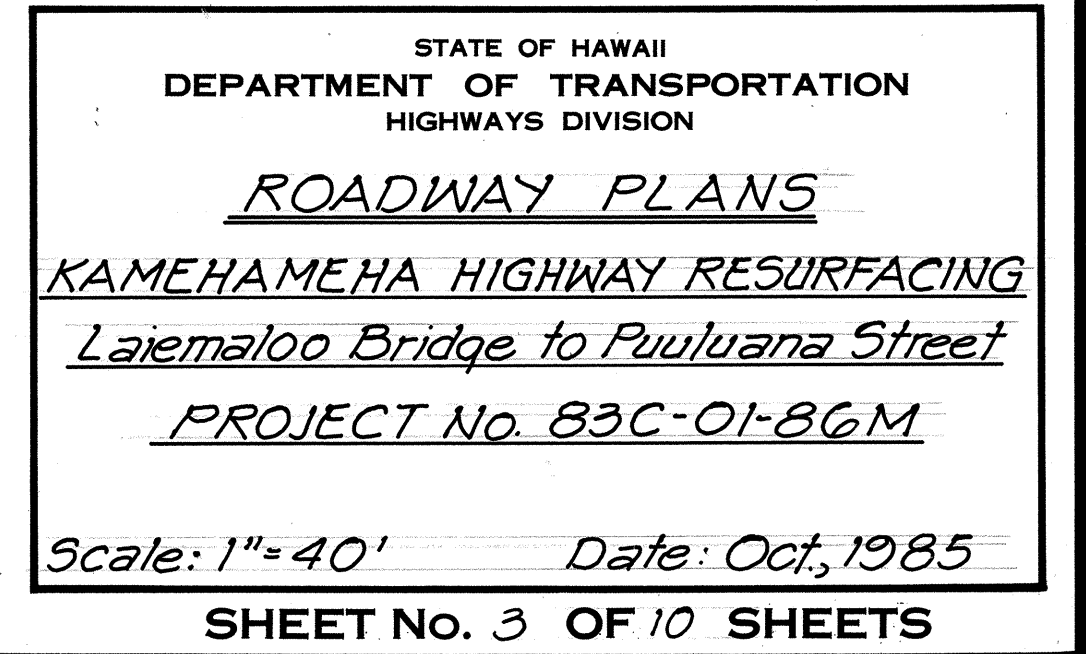
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puuluana Street
PROJECT No. 83C-01-86M

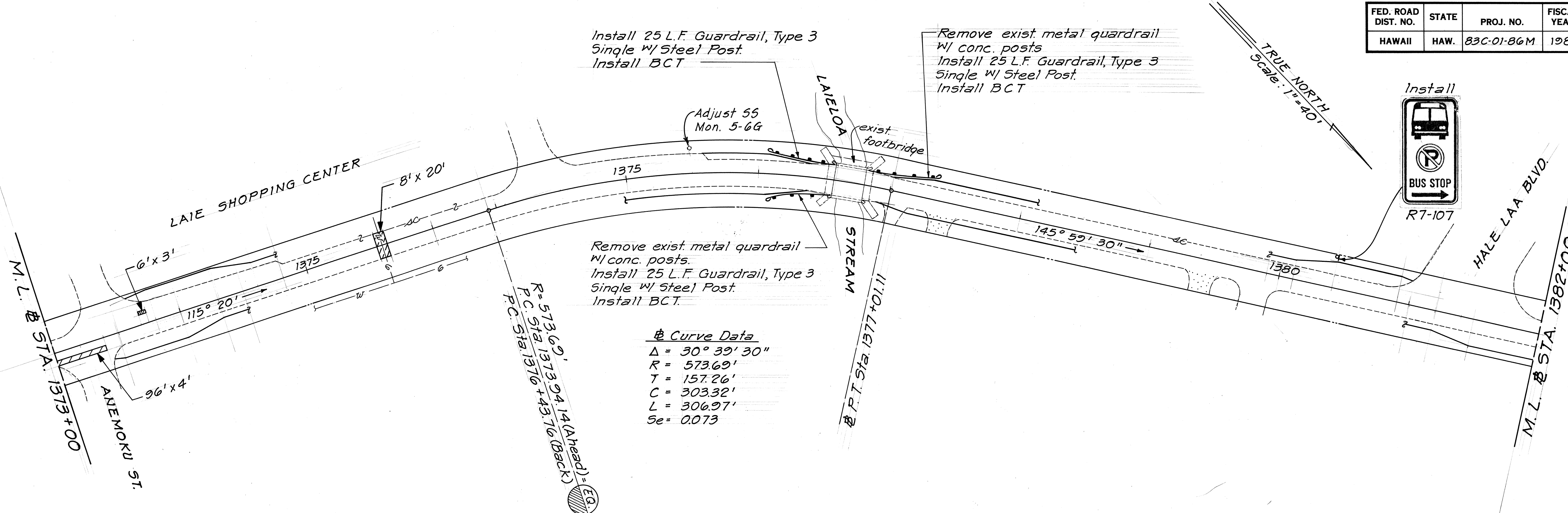
Scale: 1" = 40' Date: Oct, 1985
SHEET NO. 2 OF 10 SHEETS

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

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

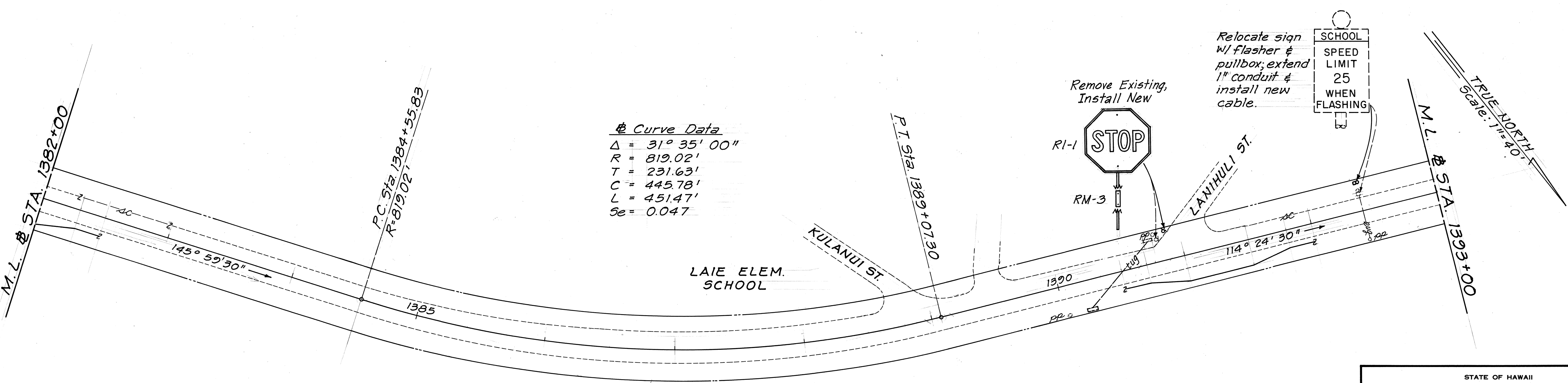


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	9	40



Curve Data

$\Delta = 30^{\circ} 39' 30''$
$R = 573.69'$
$T = 157.26'$
$C = 303.32'$
$L = 306.97'$
$Se = 0.073$



Curve Data

$\Delta = 31^{\circ} 35' 00''$
$R = 819.02'$
$T = 231.63'$
$C = 445.78'$
$L = 451.47'$
$Se = 0.047$

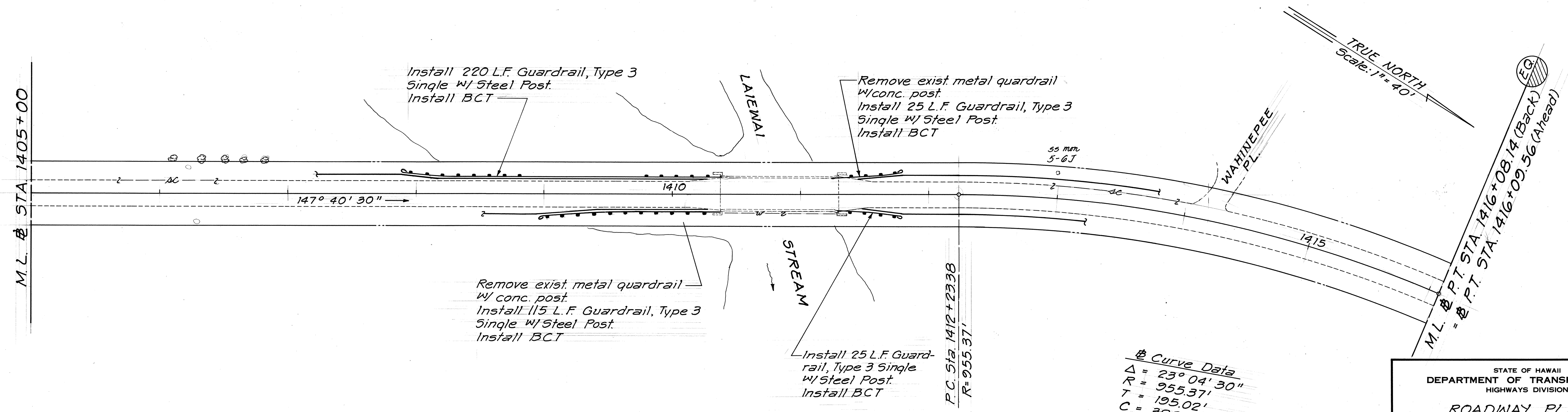
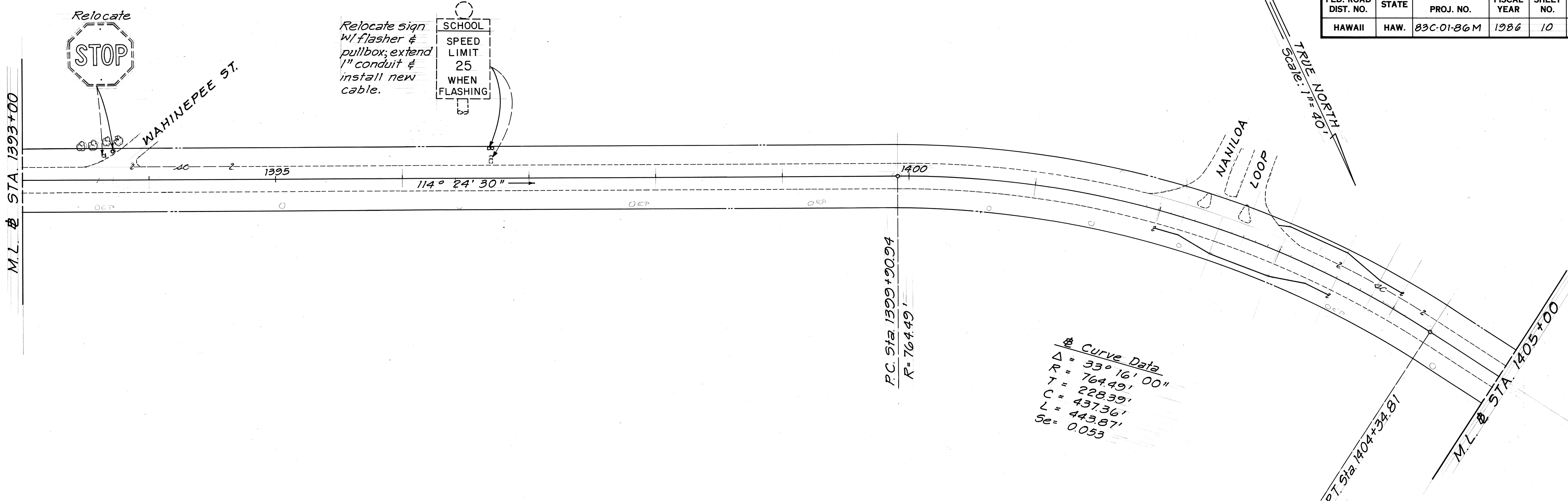
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puulua Street
PROJECT No. 83C-01-86M

Scale: 1"=40' Date: Oct, 1985
SHEET No. 4 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	10	40



STATE OF HAWAII
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ROADWAY PLANS

KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puuluaana Street

PROJECT No. 83C-01-86M

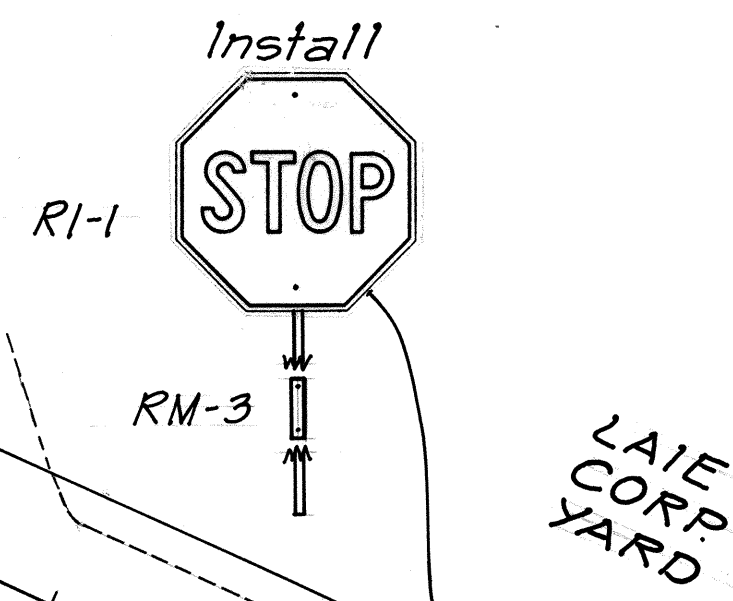
Scale: 1"=40' Date: Oct, 1985

SHEET No. 5 OF 10 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DAVE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	11	40

M.L. & P.T. STA. 1416+08.14 (Back)
 M.L. & P.T. STA. 1416+09.56 (Ahead)



P.C. Sta 1418+69.43
 R=955.37'

Curve Data
 $\Delta = 24^\circ 46' 45''$
 $R = 955.37'$
 $T = 209.87'$
 $C = 409.98'$
 $L = 413.18'$
 $Se = 0.038$

P.T. Sta 1422+82.59

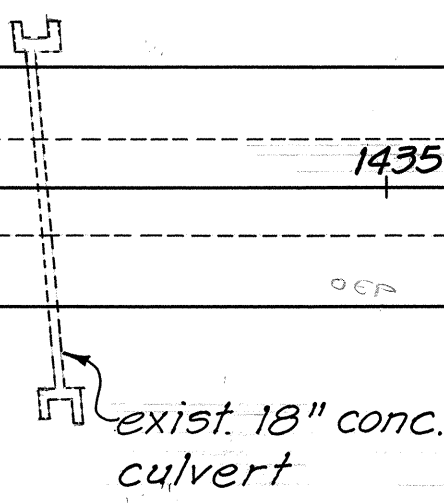
TRUE NORTH
 Scale: 1"=40'

M.L. & STA. 1427+00

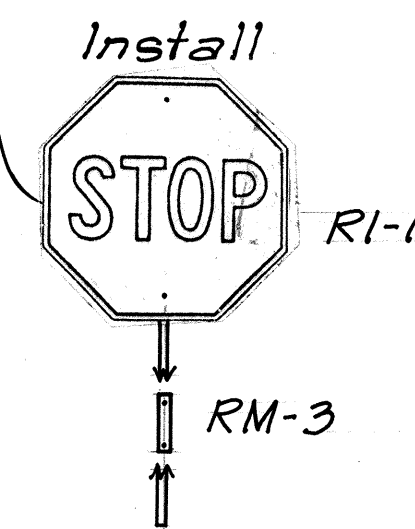
TRUE NORTH
 Scale: 1"=40'

M.L. & STA. 1438+00

M.L. & STA. 1427+00



MALAEKAHANA STATE PARK



STATE OF HAWAII

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ROADWAY PLANS

KAMEHAMEHA HIGHWAY RESURFACING

Laiemaloo Bridge to Puuluana Street

PROJECT No. 83C-01-86M

Scale: 1"= 40'

Date: Oct, 1985

SHEET No. 6 OF 10 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	12	40

TRUE NORTH
Scale: 1"=40'

M.L. & STA. 1438+00

Adjust
SS Mon.
5-7A

145° 58' 15" →

TRUE NORTH
Scale: 1"=40'

M.L. & STA. 1449+50

Adjust
SS Mon.
5-7B

152° 00' 30" →

M.L. & STA. 1449+50

R=5729.65'
P.C. Sta. 1450+79.16

Curve Data
Δ = 6° 02' 15"
R = 5729.65'
T = 302.16'
C = 603.48'
L = 603.76'
Se = 0.020

P.T. Sta. 1456+82.92

STATE OF HAWAII
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ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puulua Street
PROJECT No. 83C-01-86M

Scale: 1"=40' Date: Oct. 1985
SHEET No. 7 OF 10 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	13	40

TRUE NORTH
Scale: 1"=40'

M.L. @ STA. 1461+50

M.L. @ STA. 1473+50

Curve Data
 $\Delta = 8^{\circ} 00' 30''$
 $R = 3819.83'$
 $T = 267.39'$
 $C = 533.47'$
 $L = 533.90'$
 $Se = 0.020$

$R = 3819.83'$
P.C. Sta. 1464+67.07

P.T. Sta. 1470+00.97

TRUE NORTH
Scale: 1"=40'

M.L. @ STA. 1485+00

Curve Data
 $\Delta = 36^{\circ} 01' 00''$
 $R = 1432.69'$
 $T = 465.74'$
 $C = 885.85'$
 $L = 900.60'$
 $Se = 0.028$

P.C. Sta. 1478+40.29 (Back) = (EQ)
P.C. Sta. 1478+33.73 (Ahead)
 $R = 1432.69'$

Adjust
SS Mon.
5-7C

M.L. @ STA. 1473+50

160° 01' →

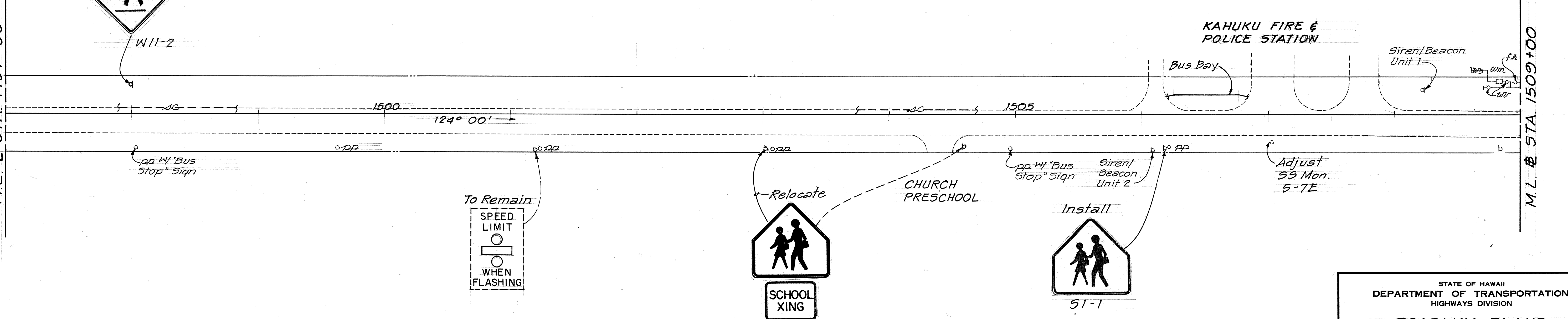
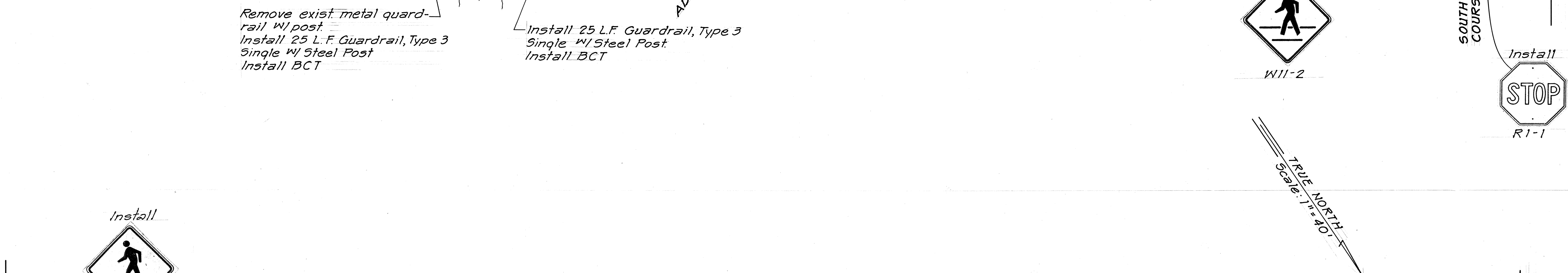
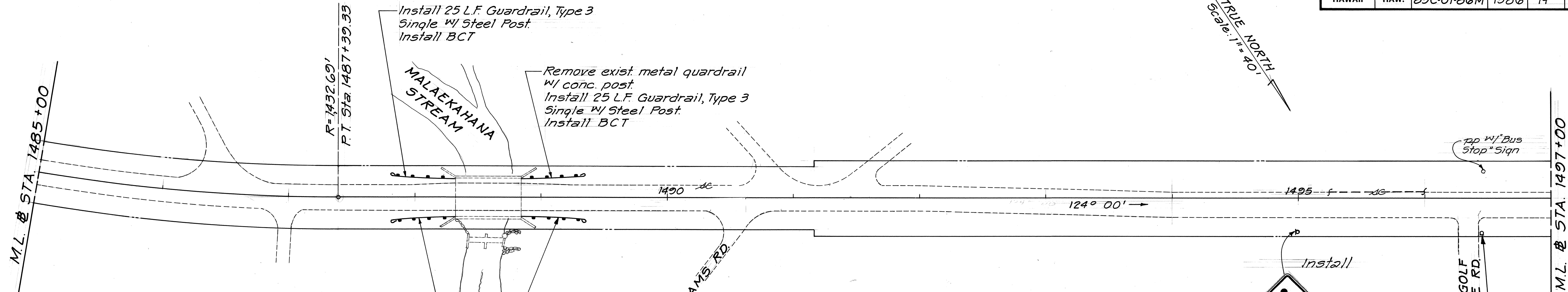
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puuluana Street
PROJECT No. 83C-01-86M

Scale: 1"=40' Date: Oct., 1985
SHEET No. 8 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	14	40

TRUE NORTH
Scale: 1" = 40'



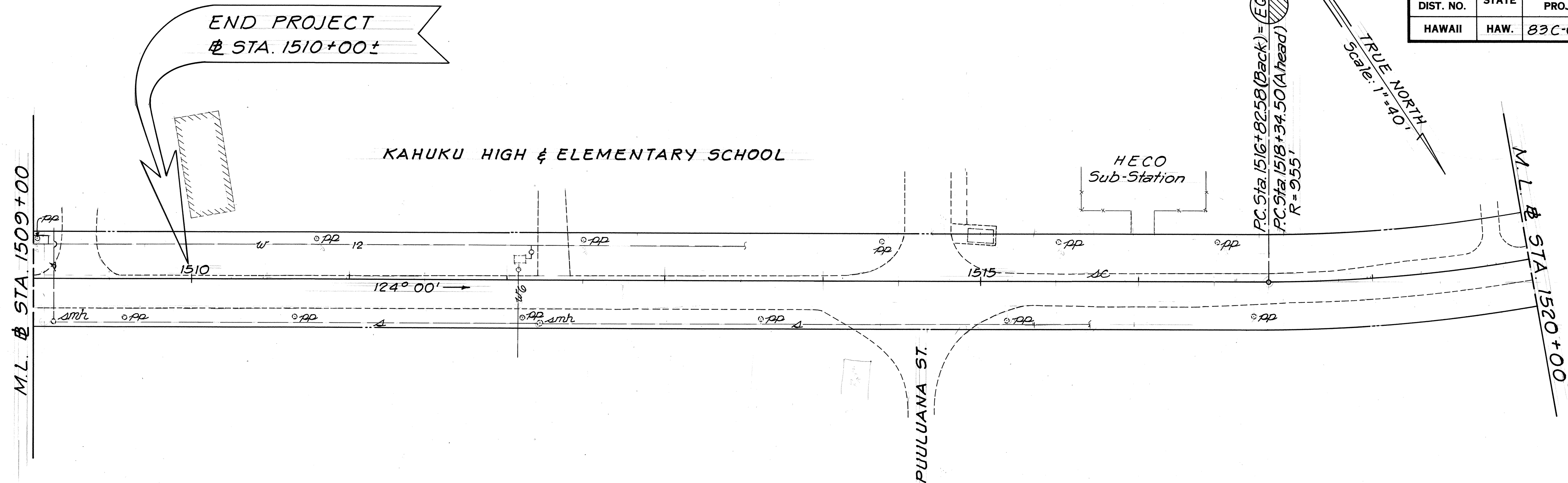
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puulua Street
PROJECT No. 83C-01-86M

Scale: 1" = 40' Date: Oct, 1985
SHEET No. 9 OF 10 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83C-01-86M	1986	15	40



Curve Data
 $\Delta = 24^\circ 23' 00''$
 $R = 955.00'$
 $T = 206.33'$
 $C = 403.36'$
 $L = 406.40'$
 $Se = 0.038$

$R=955'$
PT Sta 1522+40.90

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ROADWAY PLANS
KAMEHAMEHA HIGHWAY RESURFACING
Laiemaloo Bridge to Puulwana Street
PROJECT No. 83C-01-86M

Scale: 1"=40' Date: Oct, 1985
SHEET No. 10 OF 10 SHEETS