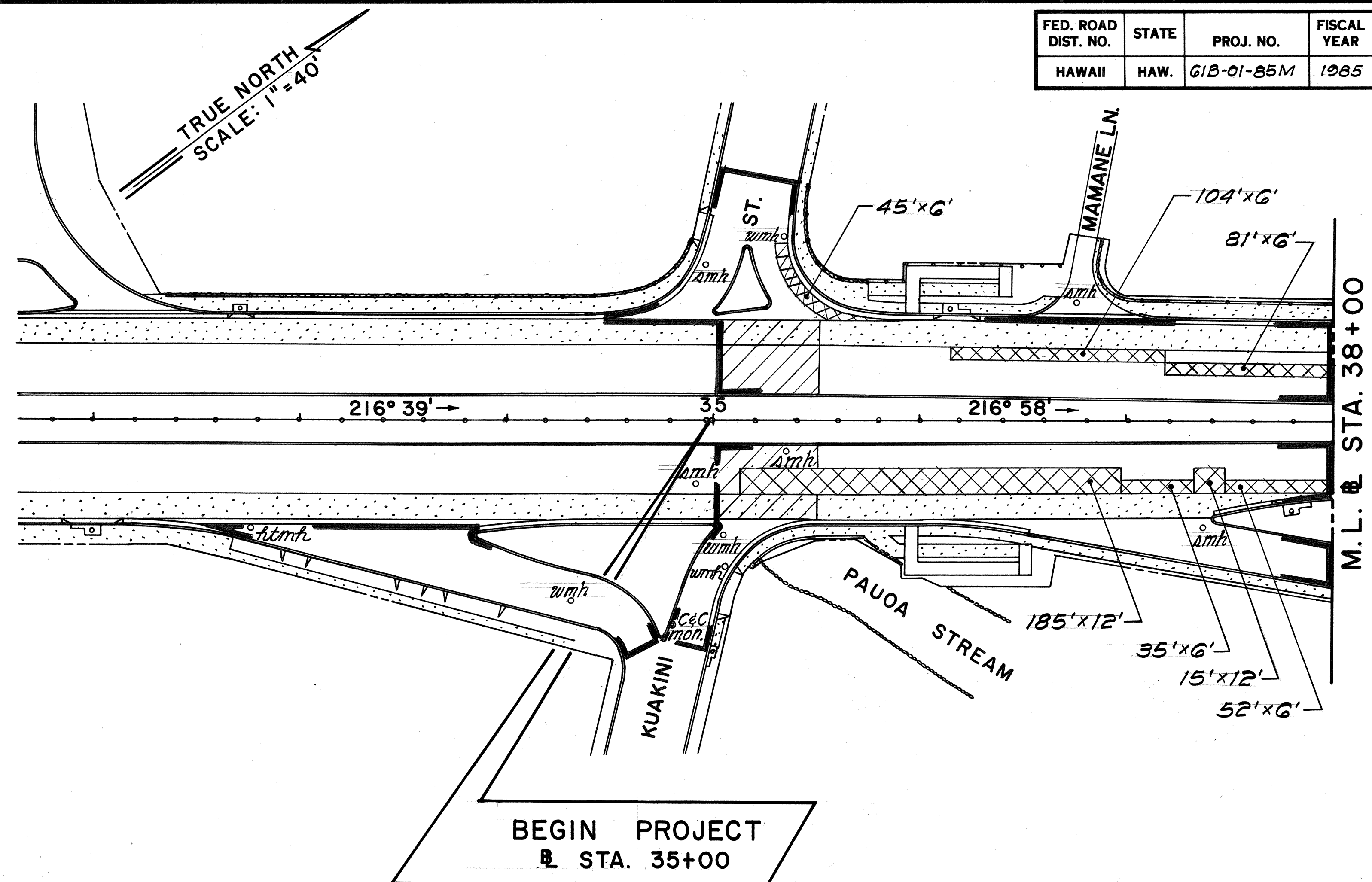


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	G1B-01-85M	1985	6	29

LEGEND

- o.gmh Existing Gas Manhole
- o.wmh Existing Water Manhole
- o.smh Existing Sewer Manhole
- o.sdmh Existing Storm Drain Manhole
- o.ftmh Existing Hawaiian Telephone Manhole
- o.ftpb Existing Hawaiian Telephone Pullbox
- o.C&Cmon Existing City & County Street Survey Monument
- o.C&Rmon Existing Centerline and Reference Survey Monument
- [Symbol] Existing Vehicle Loop Detector
- [Symbol] Reconstructed Areas
- [Symbol] Cold Planing Areas
- [Symbol] Limits of Resurfacing
- [Symbol] Additional Reconstructed Areas



6/6/85	Revised LEGEND
DATE	REVISION

APPROVED:
G. Uyama
CHIEF, DIVISION OF WASTEWATER MANAGEMENT

11/26/84
Date

APPROVED:
R. Hagato
CHIEF, PLANNING & ENGINEERING, BWS

11-21-84
Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

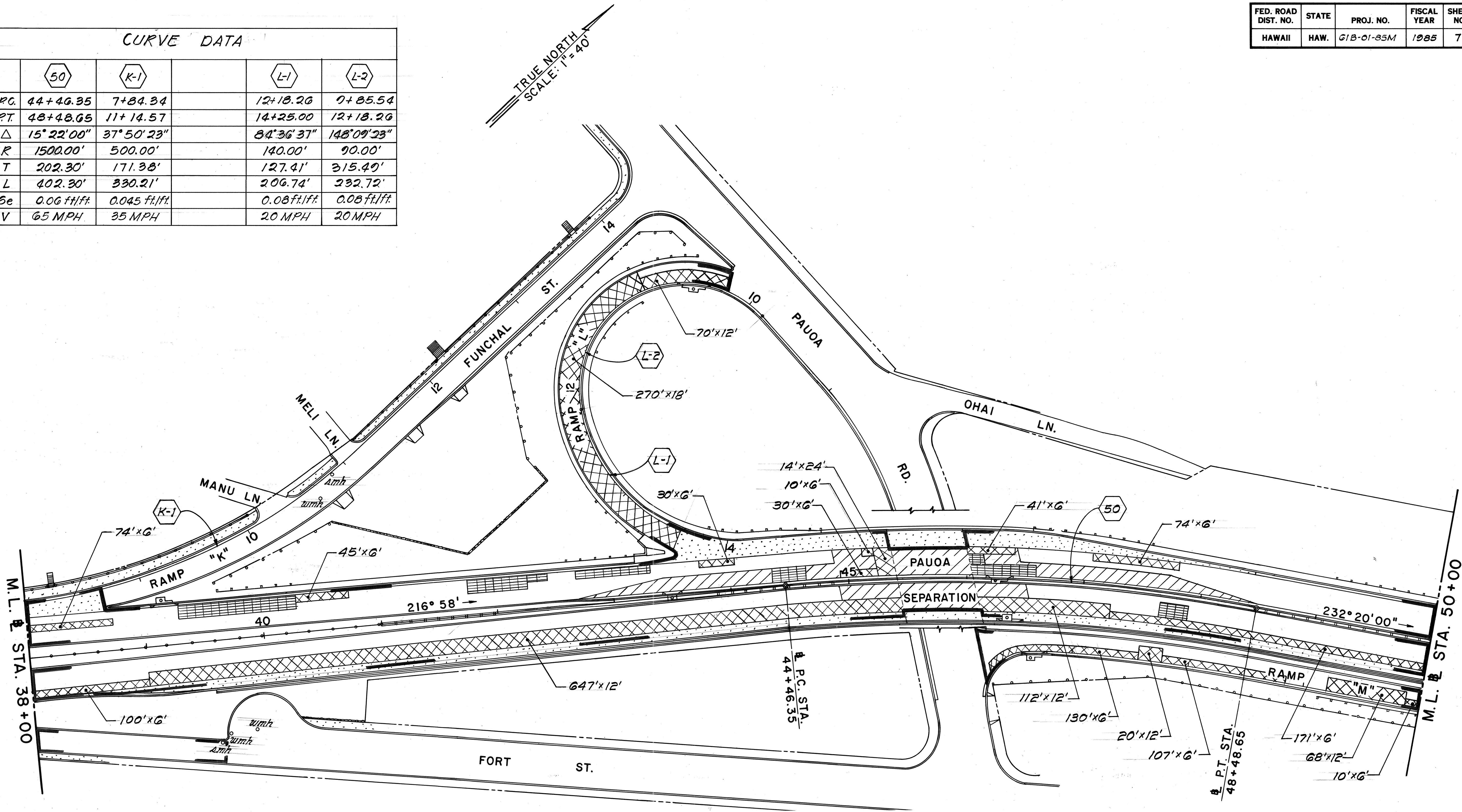
PALI HIGHWAY RESURFACING
Kuakini Street to Hinalo Place
PROJECT NO. G1B-01-85M

Scale: 1"=40' Date: Nov., 1984

SHEET No. 1 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	G1B-01-85M	1985	7	29

CURVE DATA					
	50	K-1		L-1	L-2
P.C.	44+46.35	7+84.34		12+18.20	7+85.54
P.T.	48+48.65	11+14.57		14+25.00	12+18.20
Δ	15°22'00"	37°50'23"		84°36'37"	148°09'23"
R	1500.00'	500.00'		140.00'	90.00'
T	202.30'	171.38'		127.41'	215.40'
L	402.30'	330.21'		206.74'	232.72'
Se	0.06 ft/ft	0.045 ft/ft		0.08 ft/ft	0.08 ft/ft
V	65 MPH	35 MPH		20 MPH	20 MPH



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

APPROVED:

 CHIEF, DIVISION OF WASTEWATER MANAGEMENT

11/26/84
 Date

APPROVED:

 CHIEF, PLANNING & ENGINEERING, BWS

11-21-84
 Date

6/6/85	Additional Reconstructed Area
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

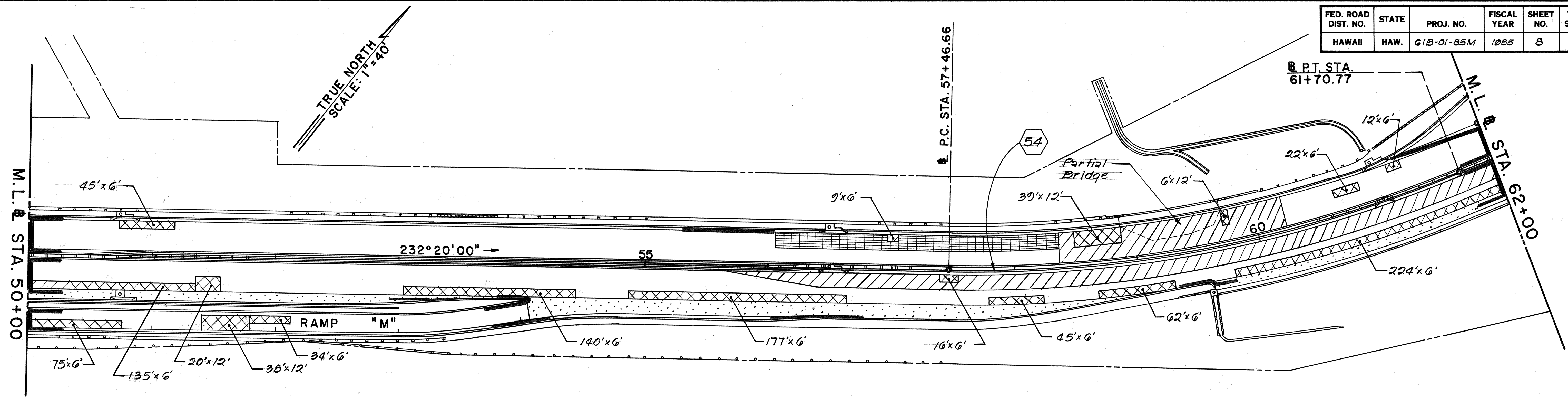
PALI HIGHWAY RESURFACING
 Kuakini Street to Hinalo Place
 PROJECT NO. G1B-01-85M

Scale: 1" = 40' Date: Nov., 1984

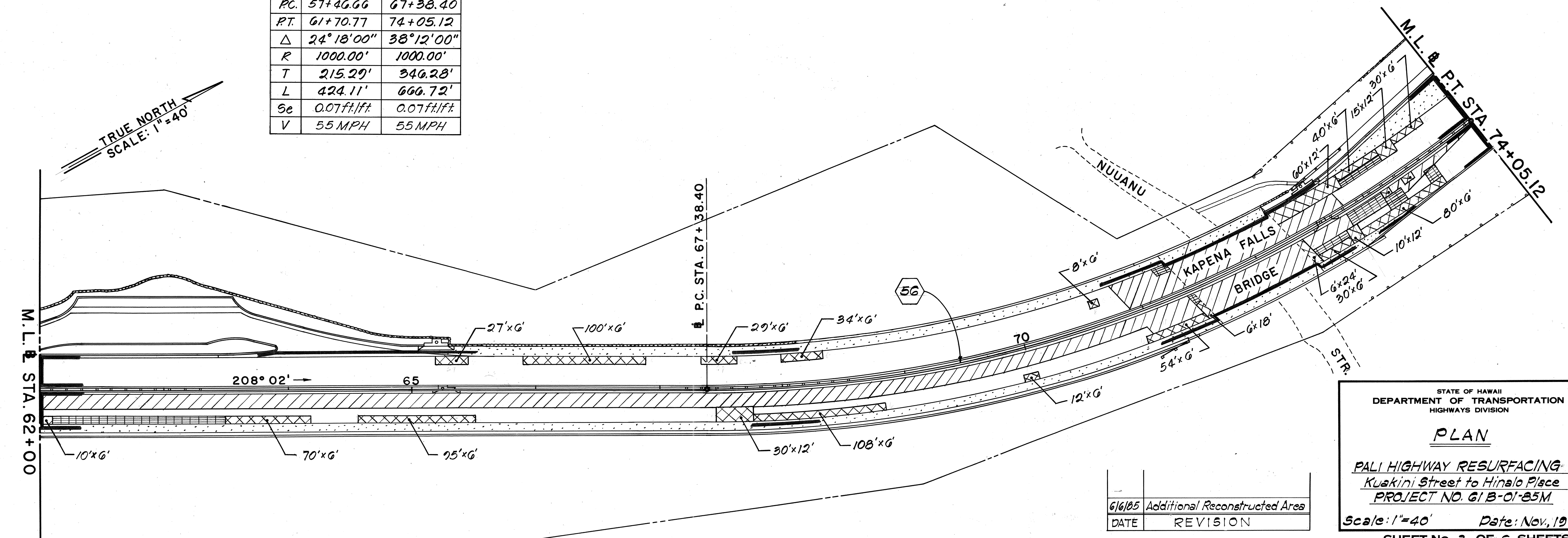
SHEET NO. 2 OF 6 SHEETS

C.O.7

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	618-01-85M	1985	8	29



CURVE DATA		
	54	56
P.C.	57+46.66	67+38.40
P.T.	61+70.77	74+05.12
Δ	24°18'00"	38°12'00"
R	1000.00'	1000.00'
T	215.29'	346.28'
L	424.11'	666.72'
Se	0.07ft./ft.	0.07ft./ft.
V	55 MPH	55 MPH



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

PALI HIGHWAY RESURFACING
Kuaikini Street to Hinalo Place
PROJECT NO. 618-01-85M

Scale: 1"=40' Date: Nov, 1984

SHEET No. 3 OF 6 SHEETS

DATE	REVISION
6/6/85	Additional Reconstructed Area

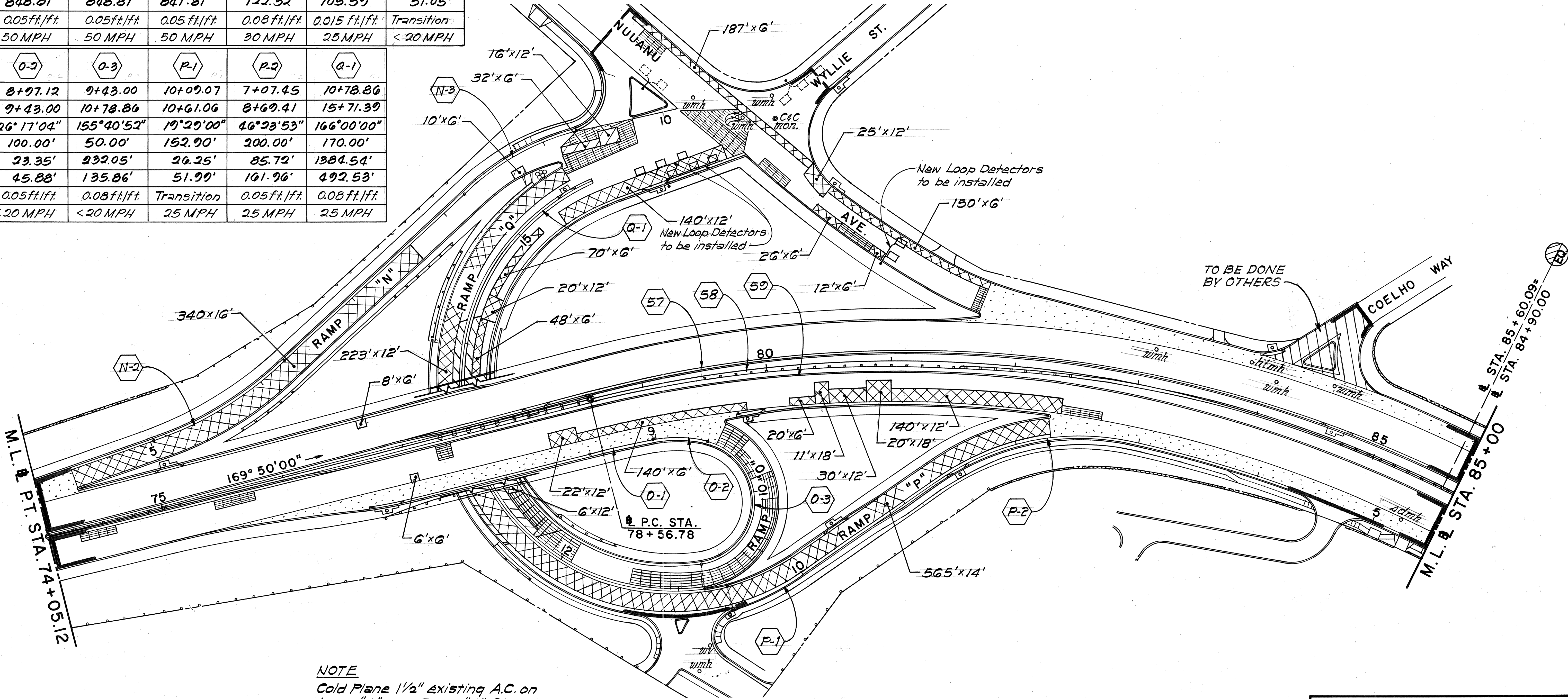
ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61B-01-85M	1985	9	29

CURVE DATA						
	57	58	59	N-2	N-3	O-1
PC.	78+67.47	78+56.78	78+46.07	5+00.54	8+22.65	8+46.07
PT.	80+38.08	80+35.50	80+32.92	6+23.06	9+28.24	8+97.12
Δ	48°38'00"	48°38'00"	48°38'00"	23°24'00"	28°00'28"	3°02'04"
R	1000.00'	1000.00'	1000.00'	300.00'	216.00'	364.00'
T	451.87'	451.87'	451.87'	62.13'	53.87'	25.53'
L	848.81'	848.81'	841.81'	122.52'	105.59'	51.05'
Se	0.05ft./ft.	0.05ft./ft.	0.05ft./ft.	0.08ft./ft.	0.015ft./ft.	Transition
V	50 MPH	50 MPH	50 MPH	30 MPH	25 MPH	< 20 MPH

	O-2	O-3	P-1	P-2	Q-1
PC.	8+97.12	9+43.00	10+09.07	7+07.45	10+78.86
PT.	9+43.00	10+78.86	10+61.06	8+69.41	15+71.39
Δ	26°17'04"	155°40'52"	17°29'00"	46°23'53"	166°00'00"
R	100.00'	50.00'	152.90'	300.00'	170.00'
T	23.35'	232.05'	26.25'	85.72'	1384.54'
L	45.88'	135.86'	51.99'	161.96'	492.53'
Se	0.05ft./ft.	0.08ft./ft.	Transition	0.05ft./ft.	0.08ft./ft.
V	< 20 MPH	< 20 MPH	25 MPH	25 MPH	25 MPH

TRUE NORTH
SCALE: 1"=40'



NOTE
Cold Plane 1 1/2" existing A.C. on
Ramp "O" and Ramp "Q" Structure
and provide transition to concrete
structure prior to resurfacing.

6/6/85	Additional Reconstructed Area
DATE	REVISION

APPROVED:

CHIEF, PLANNING & ENGINEERING, BWS

11-21-84
Date

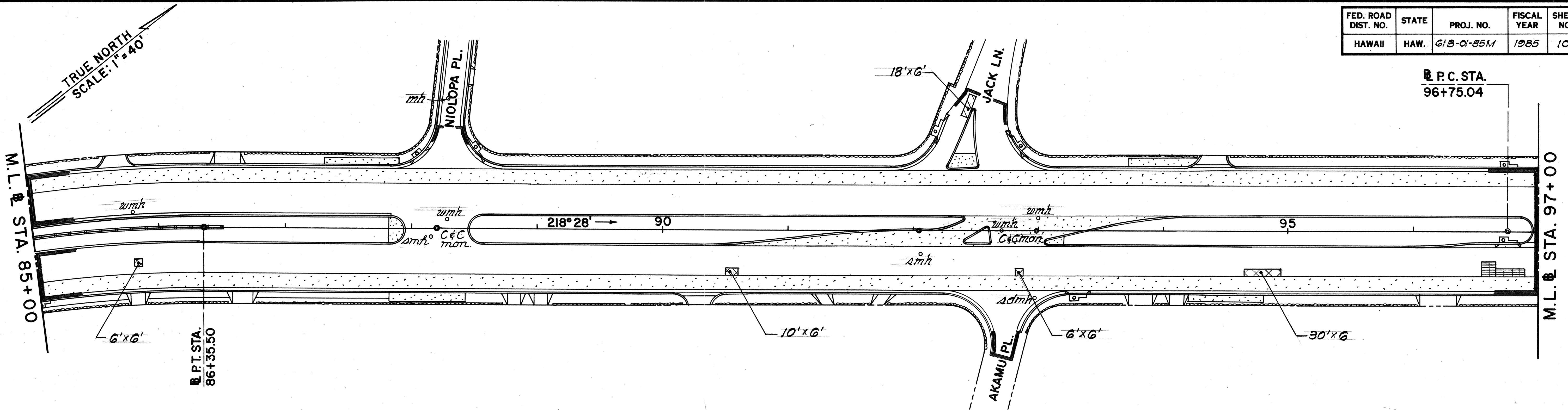
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN
PALI HIGHWAY RESURFACING
Kuakini Street to Hinalo Place
PROJECT NO. 61B-01-85M
Scale: 1"=40' Date: Nov., 1984
SHEET NO. 4 OF 6 SHEETS

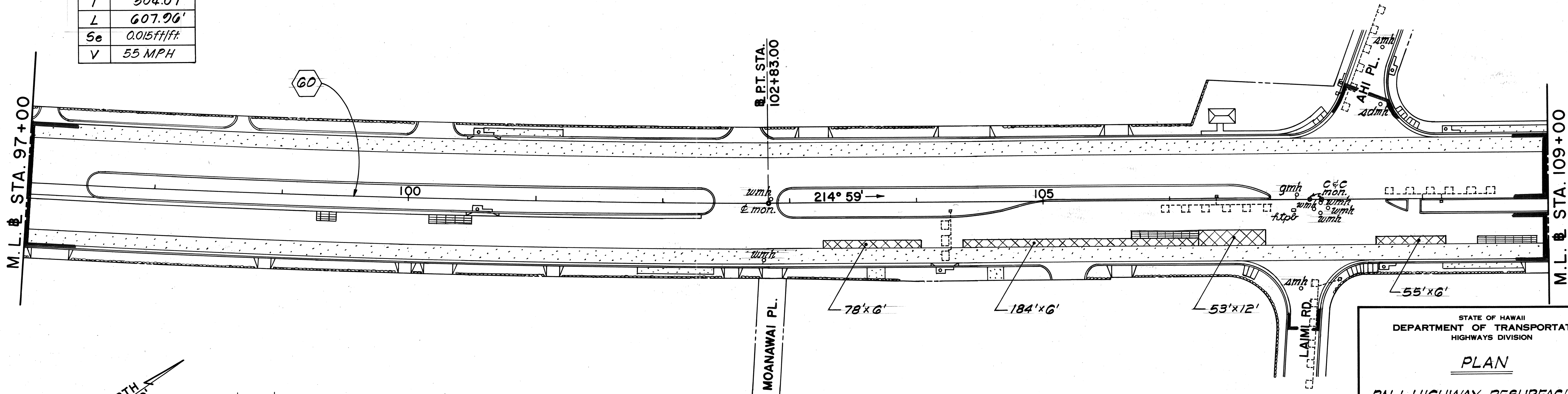
ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	618-01-85M	1985	10	20

P.C. STA.
96+75.04



CURVE DATA	
	60
P.C.	96+75.04
P.T.	102+83.00
Δ	3°29'00"
R	10,000.00'
T	304.07'
L	607.96'
Se	0.015ft/ft
V	55 MPH



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NO.	

TRUE NORTH
SCALE: 1"=40'

6/6/85	Additional Reconstructed Area
DATE	REVISION

APPROVED:
G. Uyama
CHIEF, DIVISION OF WASTEWATER MANAGEMENT

11/26/84
Date

APPROVED:
R. Nagata
CHIEF, PLANNING & ENGINEERING, BWS

11-21-84
Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

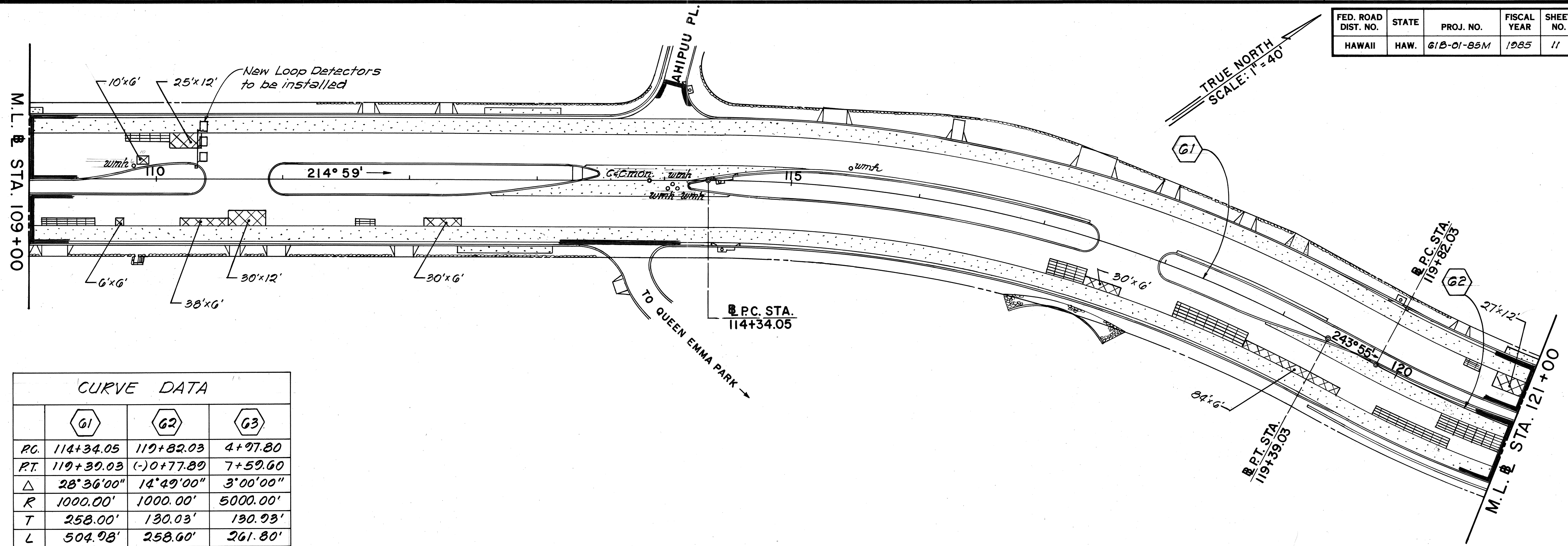
PLAN

PALI HIGHWAY RESURFACING
Kuakini Street to Hinala Place
PROJECT NO. 618-01-85M

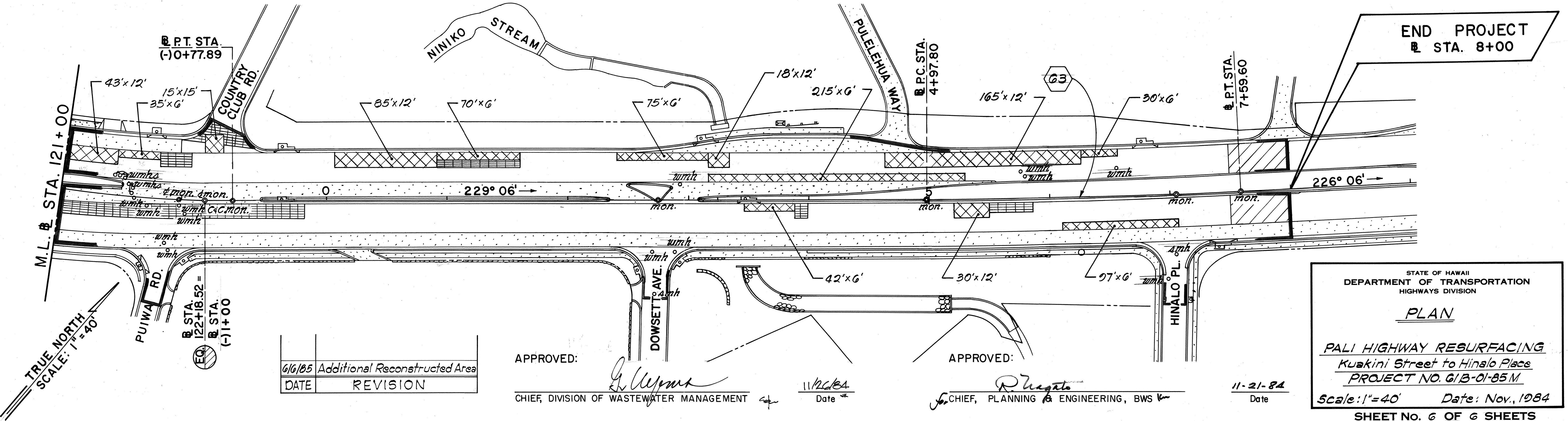
Scale: 1"=40' Date: Nov., 1984

SHEET No. 5 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61B-01-85M	1985	11	29



CURVE DATA			
	G1	G2	G3
P.C.	114+34.05	119+82.03	4+97.80
P.T.	119+30.03	(-)0+77.89	7+59.60
Δ	28°36'00"	14°49'00"	3°00'00"
R	1000.00'	1000.00'	5000.00'
T	258.00'	130.03'	130.93'
L	504.98'	258.60'	261.80'
Se	0.06 ft./ft.	0.08 ft./ft.	0.015 ft./ft.
V	50 MPH	55 MPH	55 MPH



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

PALI HIGHWAY RESURFACING
Kuakini Street to Hinalo Place
PROJECT NO. 61B-01-85M
Scale: 1"=40' Date: Nov., 1984
SHEET No. 6 OF 6 SHEETS