

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(22)	1984	3	5

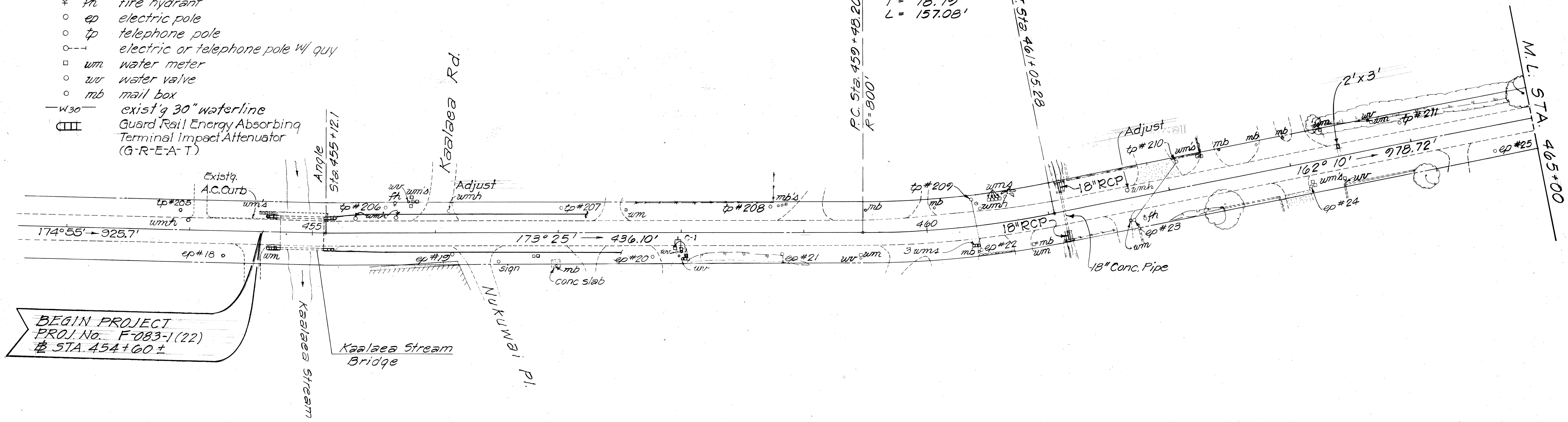
LEGEND

- vm valve marker
- smh storm drain manhole
- wmh water manhole
- fh fire hydrant
- ep electric pole
- tp telephone pole
- electric or telephone pole w/ guy
- wm water meter
- wv water valve
- mb mail box
- exist'g 30" waterline
- Guard Rail Energy Absorbing Terminal Impact Attenuator (G-R-E-A-T)

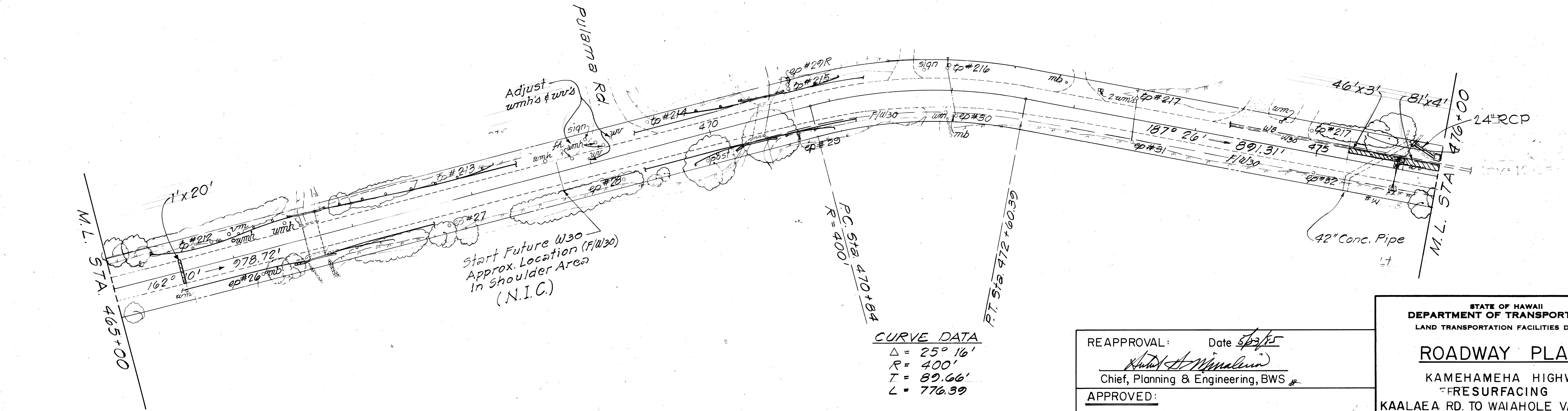
CURVE DATA

Δ = 11° 15'
R = 800'
T = 78.79'
L = 157.08'

TRUE NORTH
Scale: 1" = 40'



TRUE NORTH
Scale: 1" = 40'



CURVE DATA

Δ = 25° 16'
R = 400'
T = 89.66'
L = 776.39'

REAPPROVAL: Date 5/23/85
[Signature]
Chief, Planning & Engineering, BWS

APPROVED:

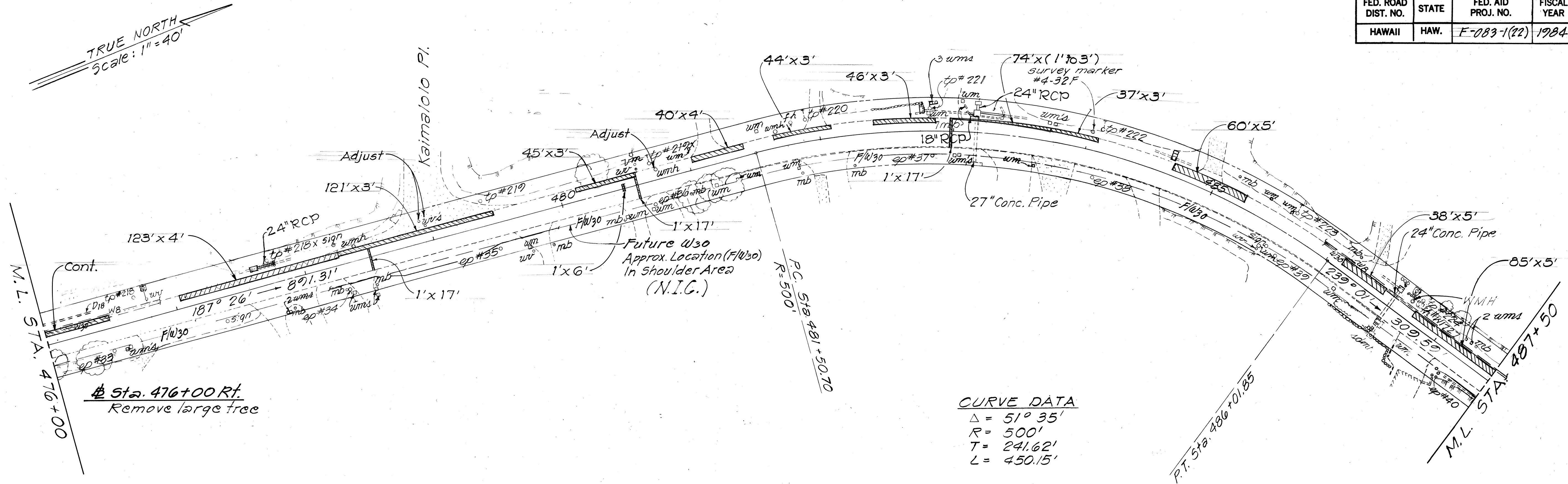
[Signature] 2-9-84
CHIEF, PLANNING & ENGINEERING, BWS. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLANS
KAMEHAMEHA HIGHWAY
RESURFACING
KAALAEA RD. TO WAIHOLE VALLEY RD.
F.A. Proj. No. F-083-1(22)
Scale: 1" = 40' Date: Feb., 1984
SHEET No. / OF 3 SHEETS

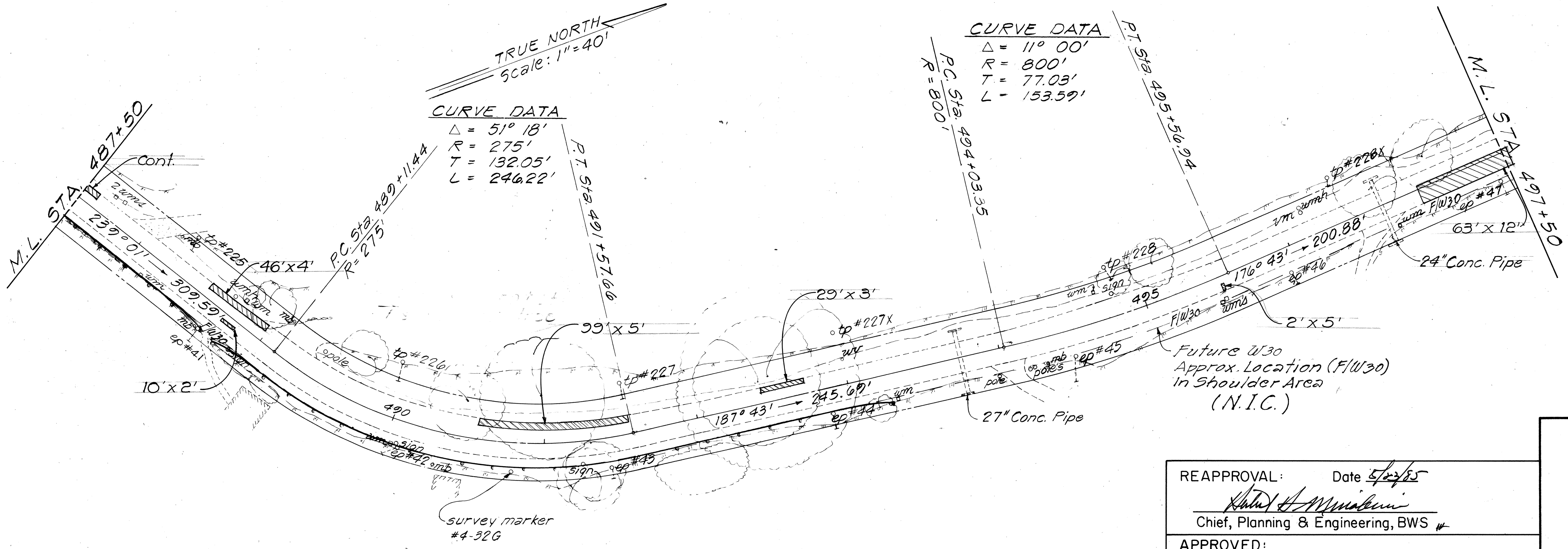
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(22)	1984	4	5



CURVE DATA

Δ = 51° 35'
R = 500'
T = 241.62'
L = 450.15'



CURVE DATA

Δ = 11° 00'
R = 800'
T = 77.03'
L = 153.59'

CURVE DATA

Δ = 51° 18'
R = 275'
T = 132.05'
L = 246.22'

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

REAPPROVAL: Date 5/2/85
K. A. Minabawa
 Chief, Planning & Engineering, BWS
 APPROVED:
R. H. H. H.
 CHIEF, PLANNING & ENGINEERING, BWS
 DATE 2-9-84

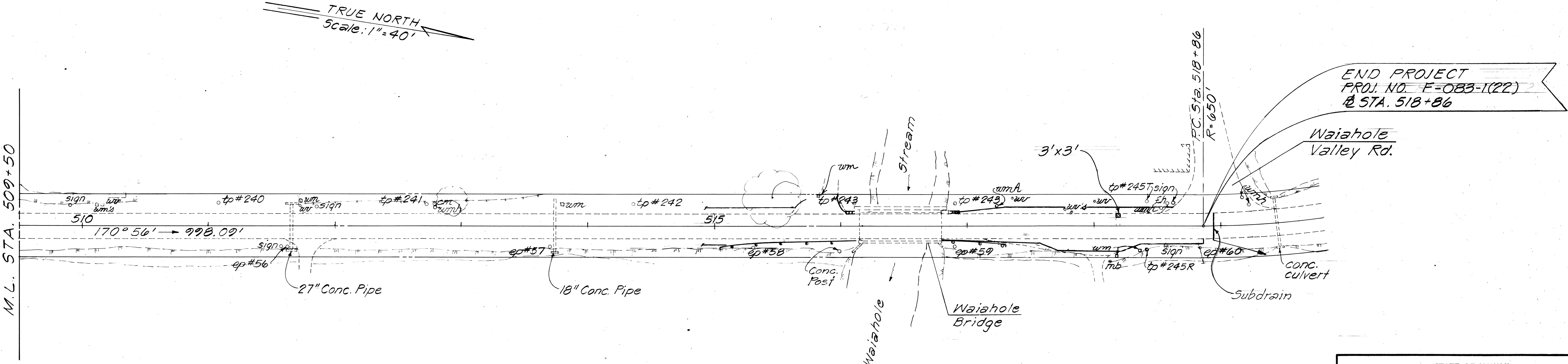
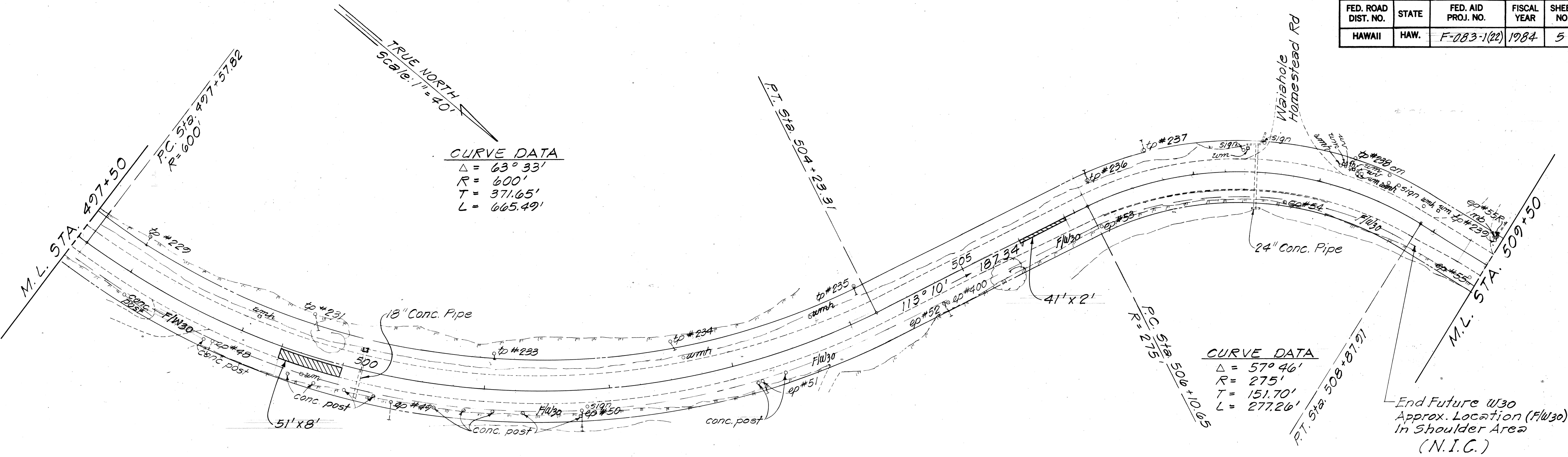
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLANS

KAMEHAMEHA HIGHWAY
 RESURFACING
 KAALAE RD. TO WAIHOLE VALLEY RD.
 F.A. Proj. No. F-083-1(22)

Scale: 1" = 40' Date: Feb., 1984
 SHEET NO. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(22)	1984	5	5



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

REAPPROVAL Date 5/23/85
Harold H. Nishimura
 Chief, Planning & Engineering, BWS
 APPROVED:
R. Nagato 2-9-84
 CHIEF, PLANNING & ENGINEERING, BWS. DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

ROADWAY PLANS

KAMEHAMEHA HIGHWAY
 RESURFACING
 KAALAEA RD. TO WAIHOLE VALLEY RD.
 F.A. Proj. No. F-083-1 (22)
 Scale: 1"= 40' Date: Feb., 1984
 SHEET No. 3 OF 3 SHEETS