

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-86M	1986	10	52

LEGEND FOR FACILITIES

oav	Existing Air Valve	clb	Existing Catch Basin
ccmc mon.	Existing C&C Monument, Monument	cdi	Existing Concrete Drop Intake
oca	Existing Cable Alarm	plb	Existing Pullbox
cm	Existing Cable Marker	ts	Existing Traffic Signal
ep	Existing Electric Pole	l	Existing Electric Line
fh	Existing Fire Hydrant	s-8	Existing Sewer Line
guy	Existing Guy Pole	t	Existing Telephone Line
jp	Existing Joint Pole	ts	Existing Traffic Signal Line
tp	Existing Pole with Anchor	w-12	Existing Water Line
sdmh	Existing Storm Drain Manhole	d-24	Existing Drain Line
smh	Existing Sewer Manhole		
tp	Existing Telephone Pole		
wm	Existing Water Meter		
wmh	Existing Water Manhole		
wv	Existing Water Valve		
wvmh	Existing Water Valve Manhole		

Sta. 217+35± Lt. to Sta. 217+20± Lt.
Reconstruct 3 Tons Bituminous Sidewalk

Sta. 214+50± Lt. to Sta. 217+15± Lt.
Resurface 200 L.F. Asphalt Concrete Sidewalk.

Sta. 217+20± Lt. to Sta. 224+00± Lt.
Resurface 560 L.F. Asphalt Concrete Sidewalk.

Sta. 211+75± Lt.
Replace Existing Grate with A-2P Steel Grate

Sta. 212+20± to Sta. 214+50± Lt.
Construct 170± L.F. Bituminous Curb, Type G.
Provide 5' long Ramp Down at Driveways and 1' opening with 4:1 Ramp Down on each end for drainage openings.

TRUE NORTH
Scale: 1"=40'

CURVE DATA

	(4A)
Δ	32°51'
R	1919.77
T	565.93
C	1085.67
Lc	1100.68
V	70 MPH
S.E.	0.05 ft/ft.

BEGIN PROJECT
PROJECT NO. 93A-01-86M
Sta. 214+50

Sta. 214+50± to Sta. 215+00±
Cold Plane 245± Sq. Yds. For
Details see Plan Sht. No. 6

APPROVED:

CHIEF, PLANNING & ENGINEERING, B.W.S. 3-18-86
CHIEF, DIV. OF WASTEWATER MANAGEMENT 3/14/86

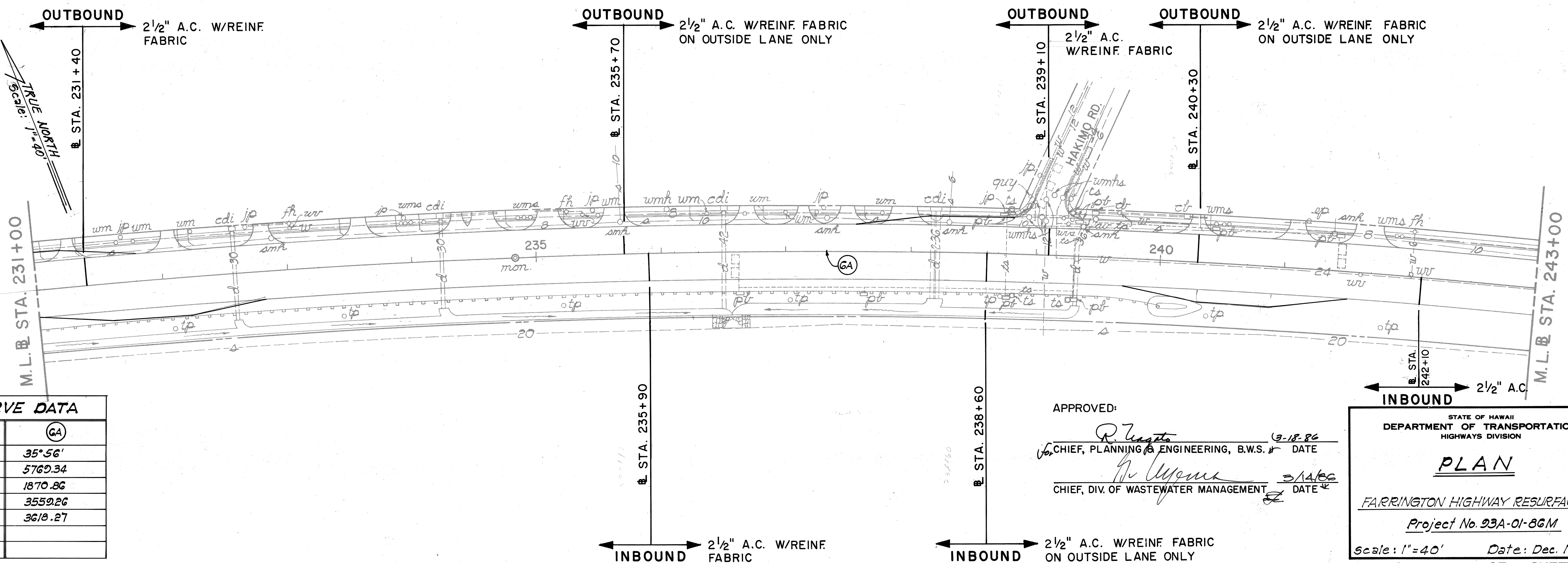
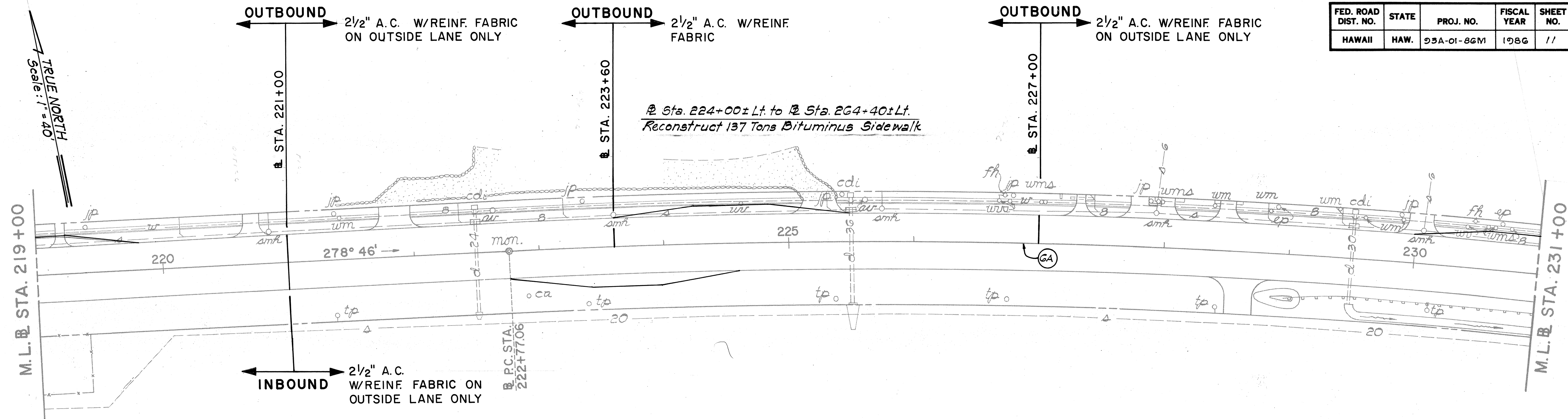
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING
Project No. 93A-01-86M

Scale: 1"=40' Date: Dec. 1985
SHEET NO. 1 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-86M	1986	11	52



CURVE DATA

	①
Δ	35°56'
R	5762.34
T	1870.86
C	3559.26
Lc	3618.27
V	
S.E.	

APPROVED:

CHIEF, PLANNING & ENGINEERING, B.W.S. 9-18-86

 CHIEF, DIV. OF WASTEWATER MANAGEMENT 3/14/86

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

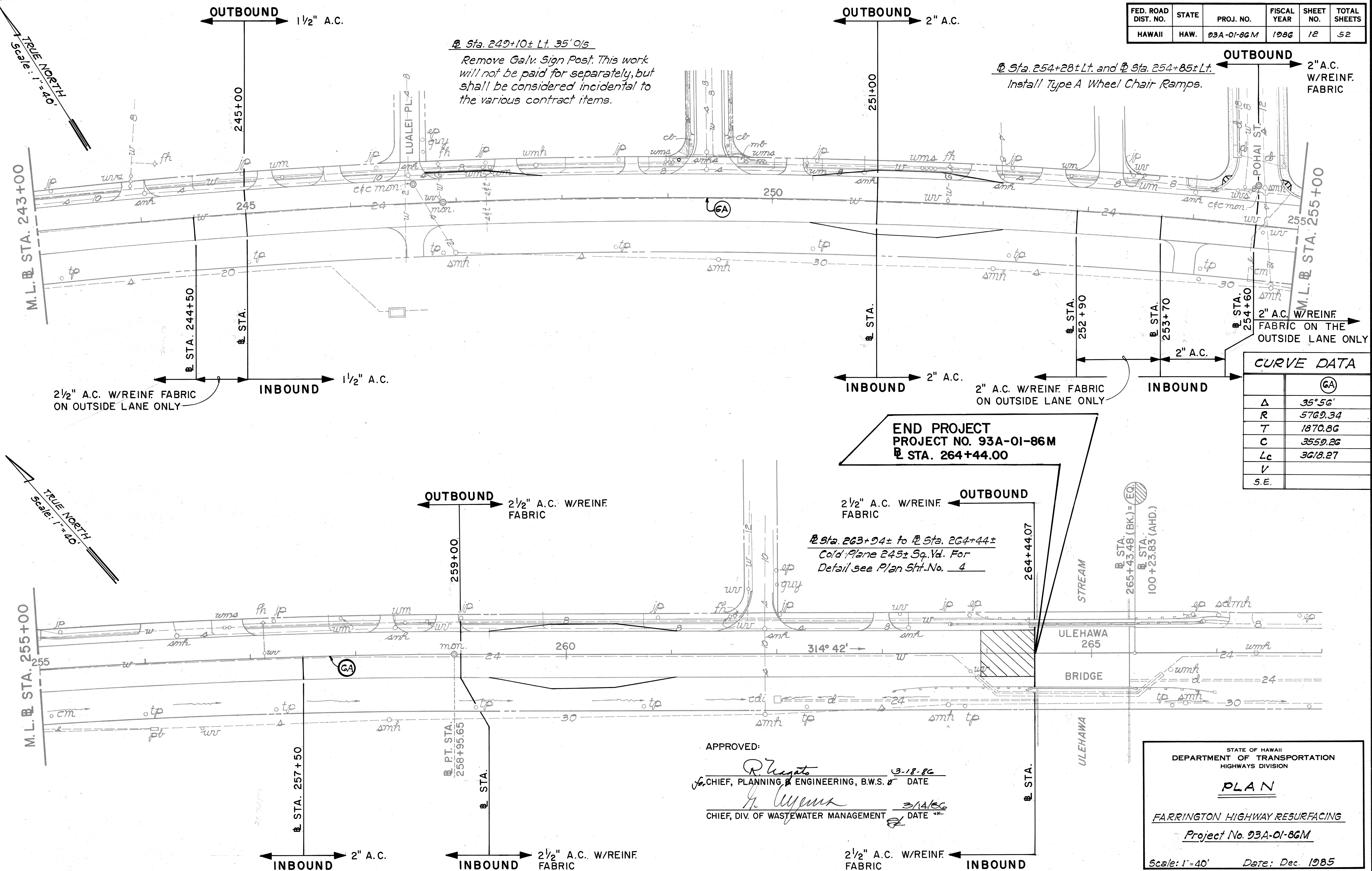
PLAN

FARRINGTON HIGHWAY RESURFACING
Project No. 93A-01-86M

Scale: 1"=40' Date: Dec. 1985
SHEET NO. 2 OF 9 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-86M	1986	12	52



CURVE DATA	
	6A
Δ	35°56'
R	5769.34
T	1870.86
C	3550.26
L_c	3618.27
V	
S.E.	

APPROVED: _____ 3/18/86
 For CHIEF, PLANNING & ENGINEERING, B.W.S. & DATE
 _____ 3/14/86
 CHIEF, DIV. OF WASTEWATER MANAGEMENT & DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING

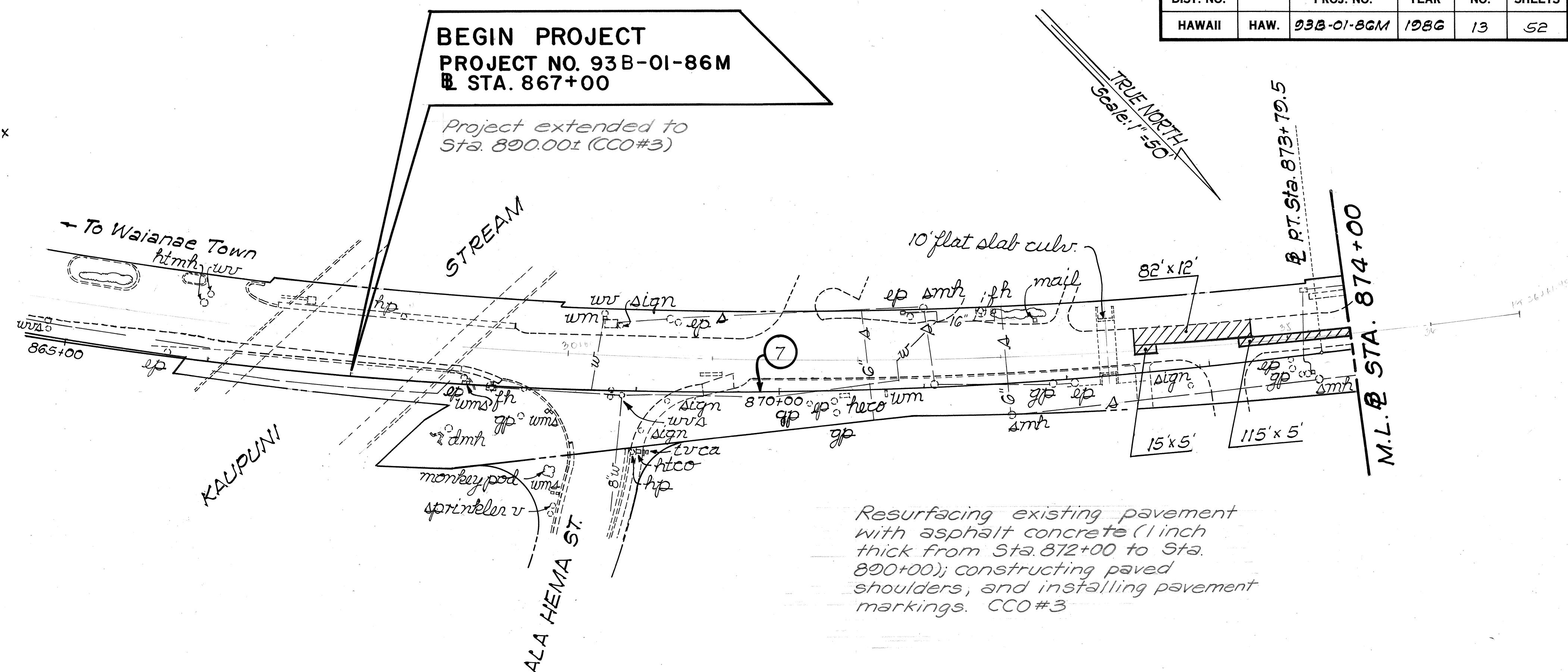
Project No. 93A-01-86M

Scale: 1" = 40' Date: Dec. 1985

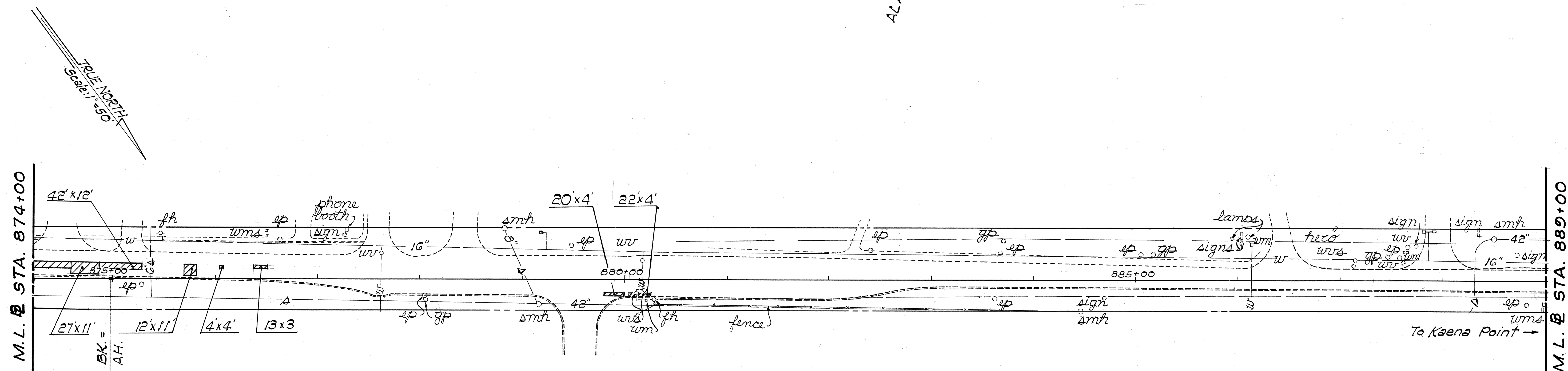
SHEET No. 3 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	03B-01-86M	1986	13	52

- cm Cable Marker
- Chan. Conn. Channel Connection
- Chim. Conn. Chimney Connection
- ep Electric Pole
- fh Fire Hydrant
- gp Guy Pole
- hp Highway Lighting Pole
- jip Joint Pole
- mon Monument
- smh Sewer Man Hole
- scmh Signal Corps Man Hole
- sdmh Storm Drain Man Hole
- tp Telephone Pole
- umh Water Man Hole
- wr Water Valve
- cabr Cable Television Box
- cb Catch Basin
- di Drop Intake
- heco Hawaiian Electric Box
- htco Hawaiian Telephone Box
- wm Water Meter
- d--18"--- Drain Line
- s--8"--- Sewer Line
- sc--- Signal Corps Line
- w--42"--- Water Line



Resurfacing existing pavement with asphalt concrete (1 inch thick from Sta. 872+00 to Sta. 890+00); constructing paved shoulders, and installing pavement markings. CCO #3



CURVE DATA

	7
Δ	27° 26'
R	3125.3'
T	762.8'
L	1469.2'

EQ. @ Sta. 874+73.8 BK. =
@ Sta. 874+97.1 AH.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

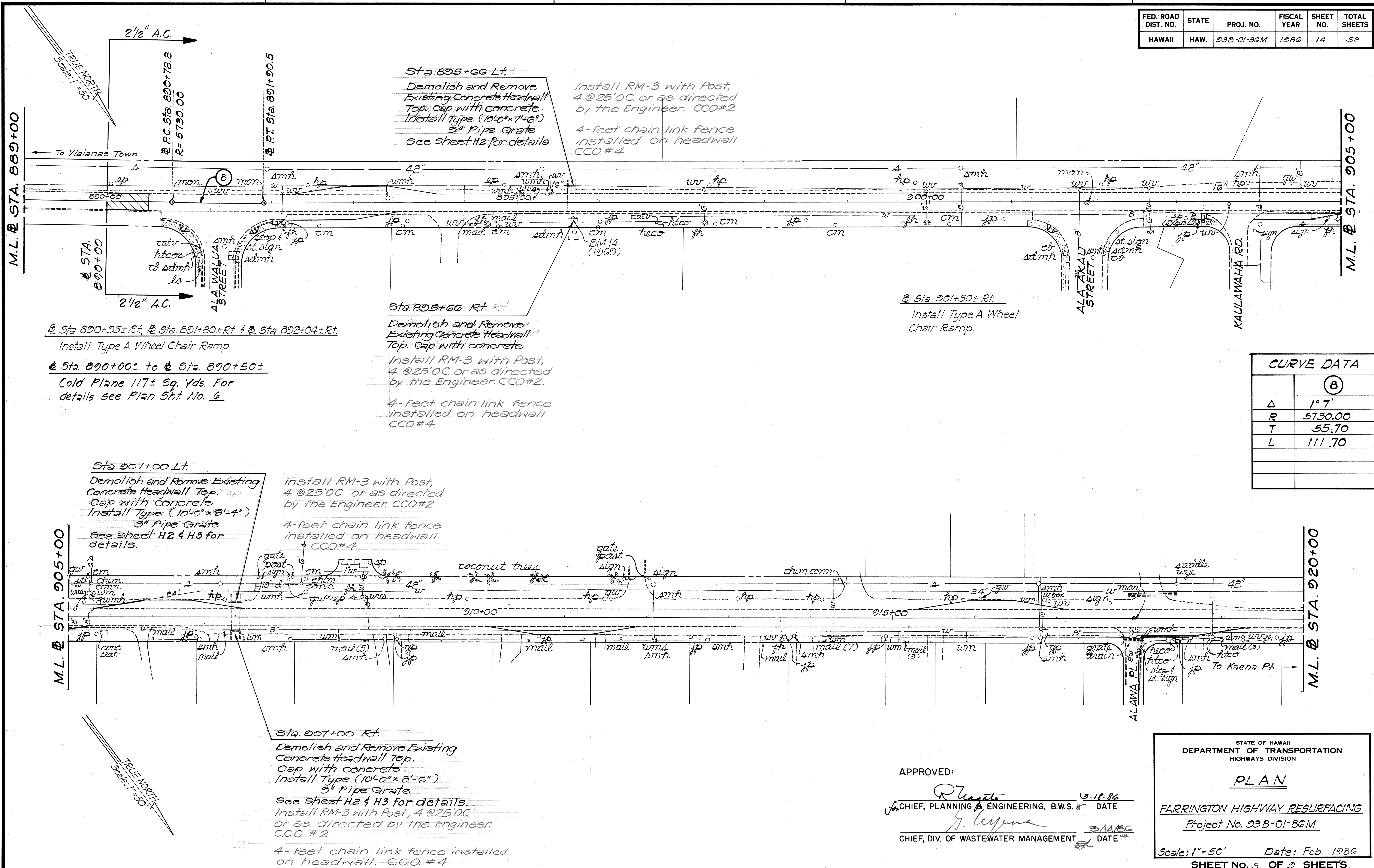
FARRINGTON HIGHWAY RESURFACING

Project No. 93B-01-86M

Scale: 1"=50' Date: Feb. 1986

SHEET No. 4 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-BGM	1986	14	52



CURVE DATA	
	(8)
Δ	1° 7'
R	5730.00
T	55.70
L	111.70

APPROVED:

R. Kozlowski 3-18-86
For CHIEF, PLANNING & ENGINEERING, B.W.S. # DATE
G. Lyons 3-14-86
CHIEF, DIV. OF WASTEWATER MANAGEMENT DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

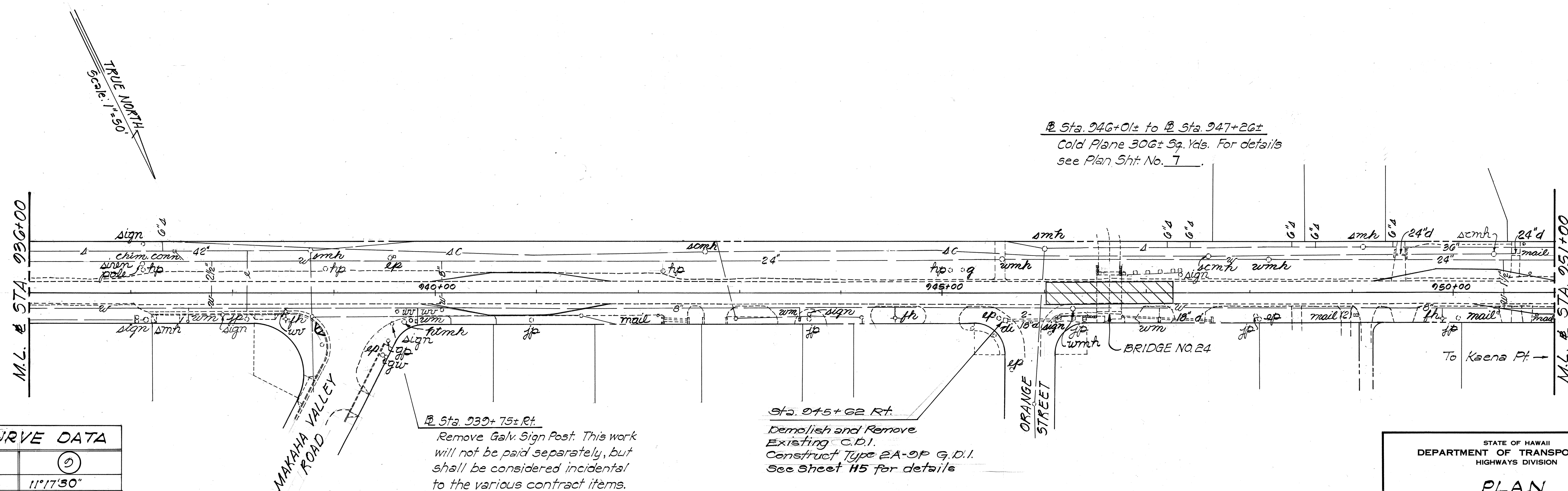
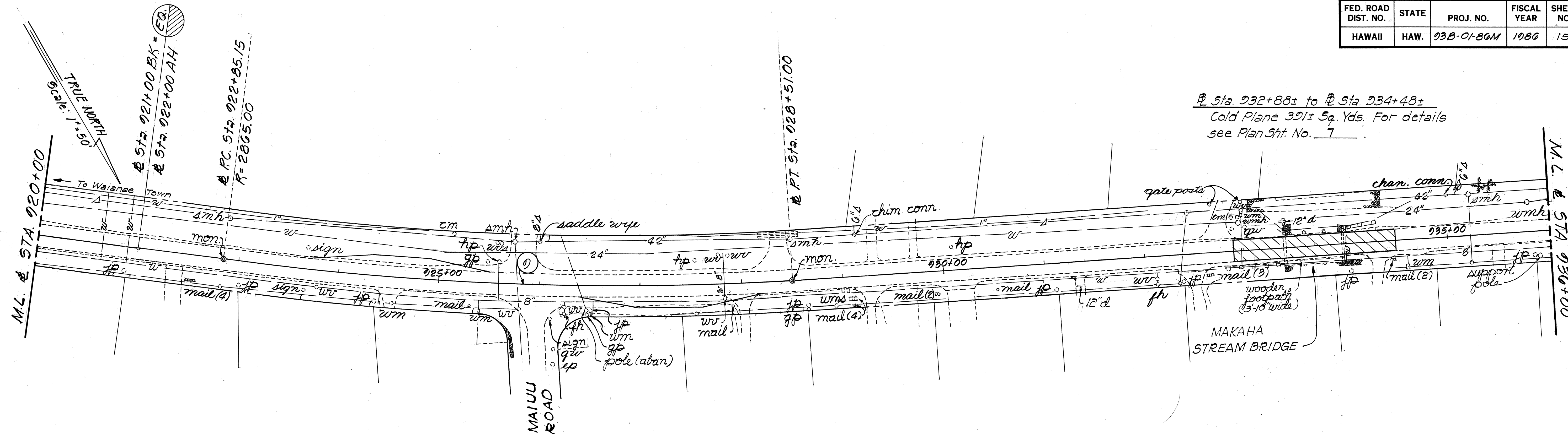
PLAN

FARRINGTON HIGHWAY RESURFACING
Project No. 23B-01-86M

Scale: 1" = 50' Date: Feb. 1986

SHEET NO. 5 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	03B-01-86M	1986	15	52



CURVE DATA	
Δ	11°17'30"
R	2865.00
T	283.2
L	564.6

Sta. 938+87± R.L.
Install Type A Wheel Chair Ramp.

Sta. 939+75± R.L.
Remove Galv. Sign Post. This work will not be paid separately, but shall be considered incidental to the various contract items.

Sta. 945+62 R.L.
Demolish and Remove Existing C.D.I.
Construct Type 2A-2P G.D.I.
See Sheet H5 for details

APPROVED:

R. Magata
CHIEF, PLANNING & ENGINEERING, B.W.S. # DATE 3-18-86

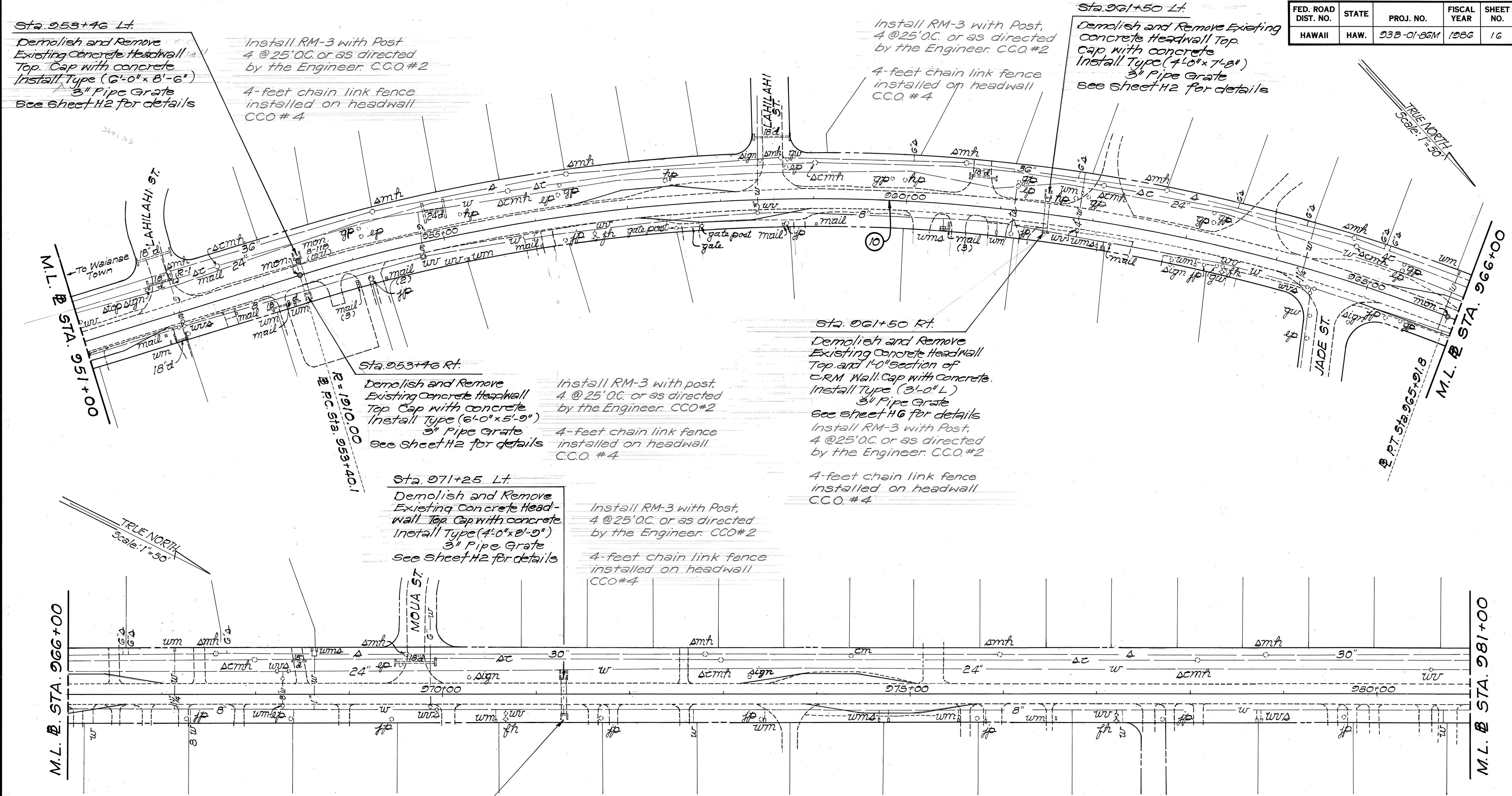
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING
Project No. 03B-01-86M

Scale: 1"=50' Date: Feb. 1986
SHEET No. 6 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-86M	1986	16	52



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY		
NOTED BY		
CHECKED BY		
NO.		

CURVE DATA	
	(10)
Δ	37°33'
R	1910.00
T	649.3
L	1251.7

Sta. 971+25 Rt.
 Demolish and Remove Existing Concrete Headwall Top. Cap with concrete. Install Type (4'-0" x 5'-0") 3" Pipe Grate. See Sheet #2 for details.
 Install RM-3 with Post, 4 @ 25' O.C. or as directed by the Engineer. C.C.O. #2
 4-foot chain link fence installed on headwall C.C.O. #4

APPROVED:
 [Signature] 9-18-86
 CHIEF, PLANNING & ENGINEERING, B.W.S.
 [Signature] 3/11/86
 CHIEF, DIV. OF WASTEWATER MANAGEMENT

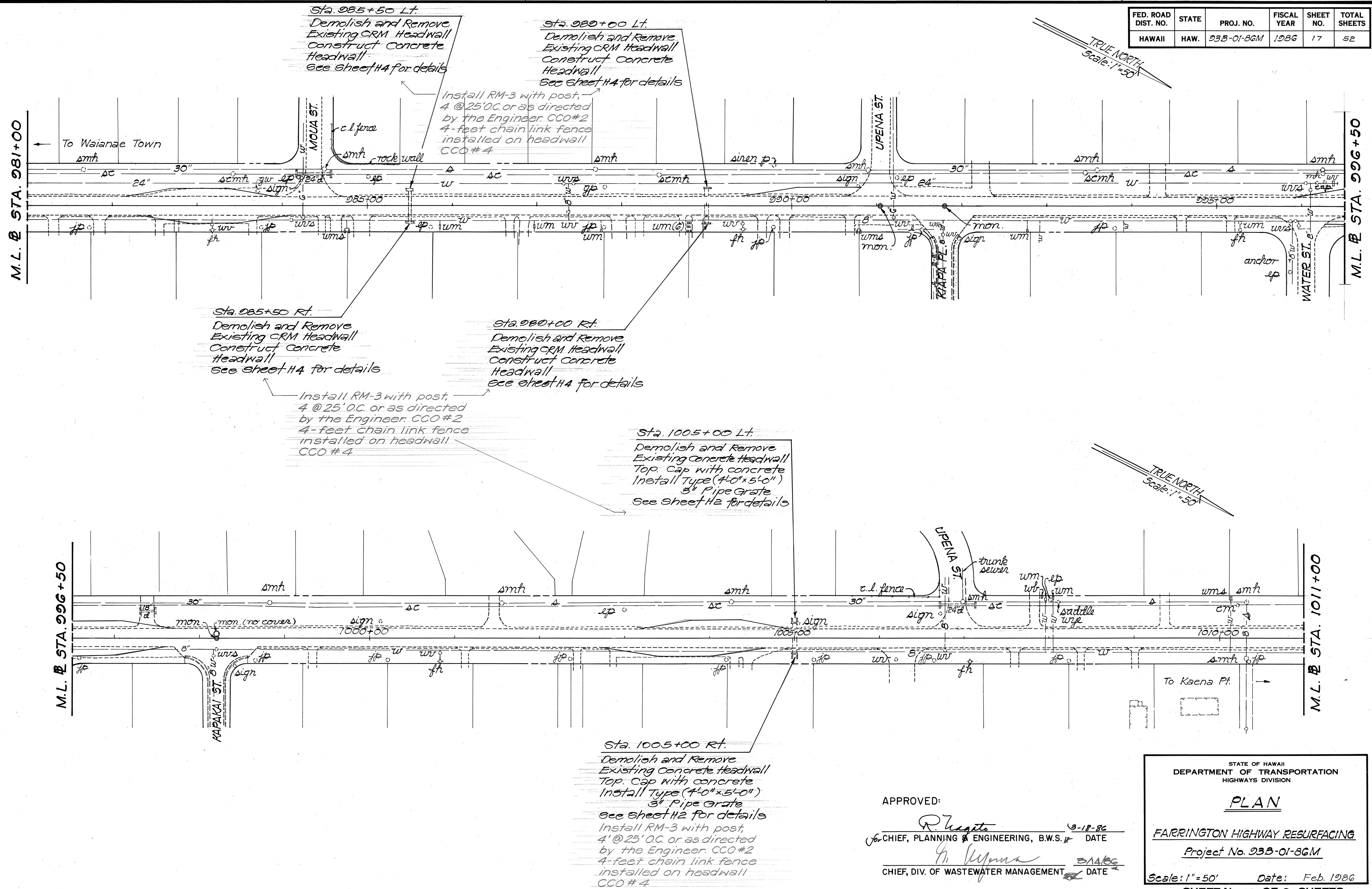
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING
 Project No. 93B-01-86M

Scale: 1"=50' Date: Feb. 1986
 SHEET No. 7 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	23B-01-86M	1986	17	52



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

APPROVED:

R. H. H. H. 9-18-86
CHIEF, PLANNING & ENGINEERING, B.W.S. DATE

G. H. H. H. 3/14/86
CHIEF, DIV. OF WASTEWATER MANAGEMENT DATE

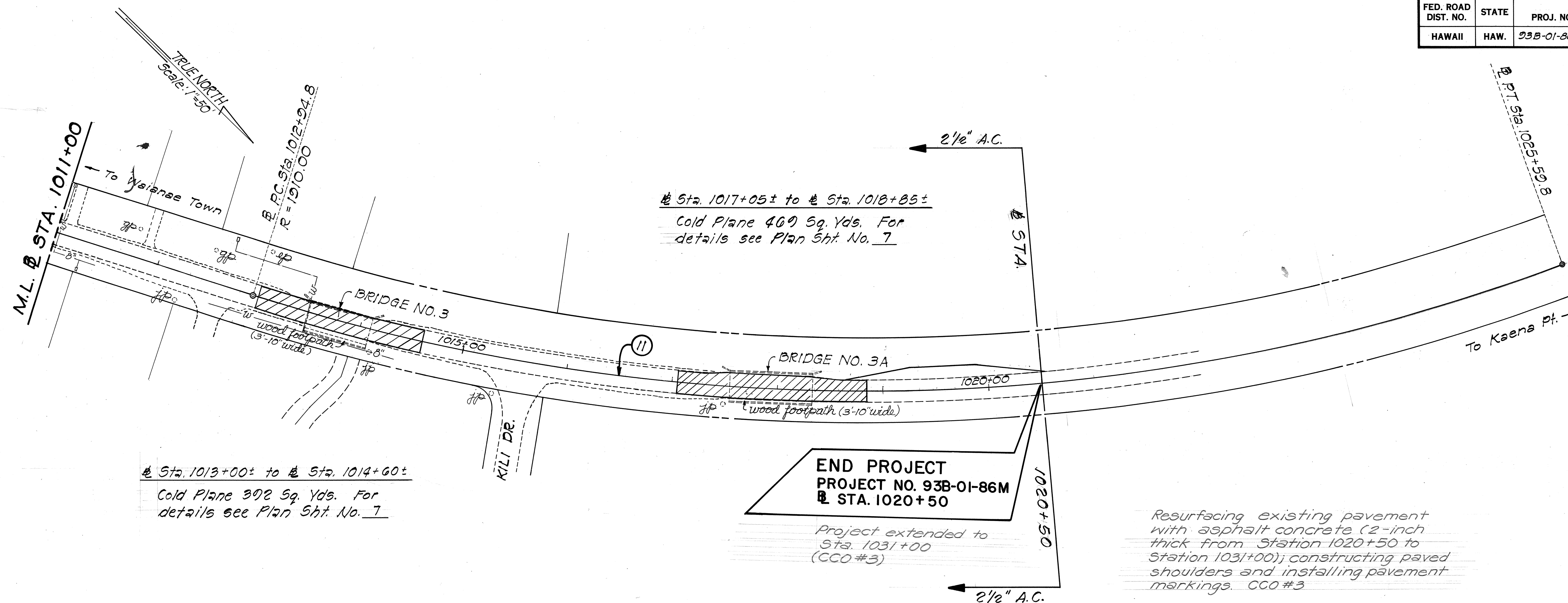
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING
Project No. 23B-01-86M

Scale: 1"=50' Date: Feb. 1986
SHEET NO. 8 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-86M	1986	18	52



CURVE DATA	
	(11)
Δ	37°57'
R	1910.00
T	656.7
L	1265.00

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING
Project No. 93B-01-86M

Scale: 1"=50' Date: Feb. 1986

SHEET No. 9 OF 9 SHEETS