

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-04-89	1990	5	6

END PROJECT
NO. 99C-04-89
O.B. ϕ STA. 67+60

BEGIN PROJECT
NO. 99C-04-89
O.B. ϕ STA. 59+75

O.B. ϕ CURVE DATA
 $\Delta = 35^\circ 56' 14''$
 $R = 1145.92$
 $T = 371.68$
 $C = 707.10$
 $L = 718.82$

I.B. ϕ CURVE DATA
 $\Delta = 18^\circ 30' 32''$
 $R = 700.55$
 $T = 114.15$
 $C = 225.32$
 $L = 226.31$

O.B. ϕ PC STA. 58+91.20
 $R = 1145.92$

I.B. ϕ PC STA. 60+71.01
 $R = 700.55$

Install 8' Crosswalk & Stop Bar (95' 4" from crosswalk)
RELOCATE
Remove exist. Stop Bar (See Gen. Notes)
Wheelchair Ramp, Type E
FAST STOP
Exist. Sign & Post R1-1

Wheelchair Ramp, Modified Type "E", See details below.

Install New Crosswalk

Wheelchair Ramp, Type E

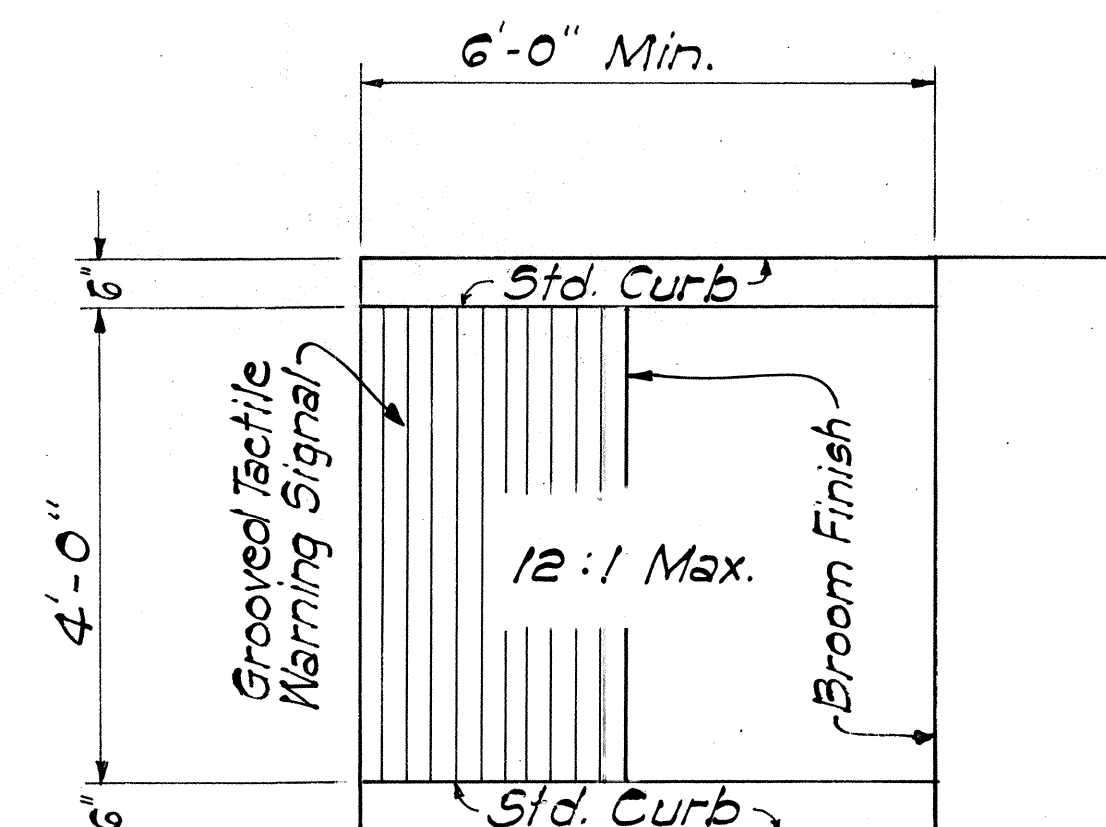
4" White Edge Stripe

Revised shoulder width from 4 ft. to 6 ft.

O.B. ϕ Sta. 59+90 $\pm$ Rt.
Connect existing E.P. to New E.P.

O.B. ϕ Sta. 59+75 $\pm$ Rt.
Begin Sidewalk and Type G Curb. Provide smooth transition to match existing sidewalk & curbing.

O.B. ϕ Sta. 63+55 $\pm$ to O.B. ϕ Sta. 65+03 $\pm$ Rt.
Construct 148 Lin. Ft. of Plain Concrete Sidewalk (4' wide).



WHEELCHAIR RAMP - MODIFIED TYPE "E"
Scale: 1/4" = 1'-0"

O.B. ϕ Sta. 59+70 $\pm$ to O.B. ϕ Sta. 63+25 $\pm$ Rt.
Construct 355 L.F. of Bituminous Sidewalk (4' Wide)

O.B. ϕ Sta. 59+70 $\pm$ to O.B. ϕ Sta. 63+25 $\pm$ Rt.
Construct 355 L.F. of Bituminous Curb, Type G

O.B. ϕ Sta. 59+90 $\pm$ to O.B. ϕ Sta. 63+30 $\pm$ Rt.
Stripe 350 L.F. of 4" Pavement Edge Striping (Tape, Type II or Thermoplastic Extrusion).

INSTALL
NEW SIGN W/POST R-7 107A
REMOVE
NO PARKING ANY TIME
NO PARKING BUS STOP
Exist. Signs & Posts

MCDONALD'S

KUAHELANI

AVENUE

57

To Honolulu

56

INSTALL NEW SIGN W/POST



CW20-1d

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

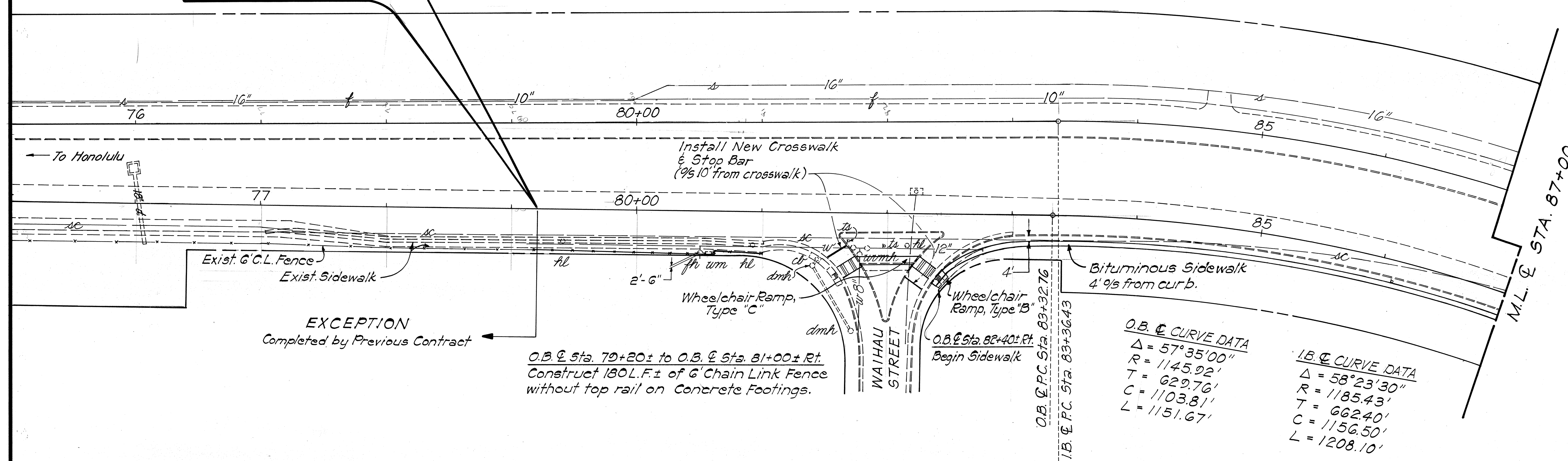
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANS
KAMEHAMEHA HWY. SIDEWALK
Kuahealani Ave. to Kipapa St.
PROJECT NO. 99C-04-89
Scale: 1" = 40' Date: Dec. 1989
SHEET NO. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-03-89	1990	6	6

99C-04-89

BEGIN PROJECT
NO. 99C-03-89
O.B. & STA. 79+20

True North
Scale: 1"=40'



EXCEPTION
Completed by Previous Contract

O.B. & Sta. 79+20± to O.B. & Sta. 81+00± Rt.
Construct 180 L.F. of 6' Chain Link Fence without top rail on Concrete Footings.

O.B. & CURVE DATA
Δ = 57°35'00"
R = 1145.92'
T = 629.76'
C = 1103.81'
L = 1151.67'

I.B. & CURVE DATA
Δ = 58°23'30"
R = 1185.43'
T = 662.40'
C = 1156.50'
L = 1208.10'

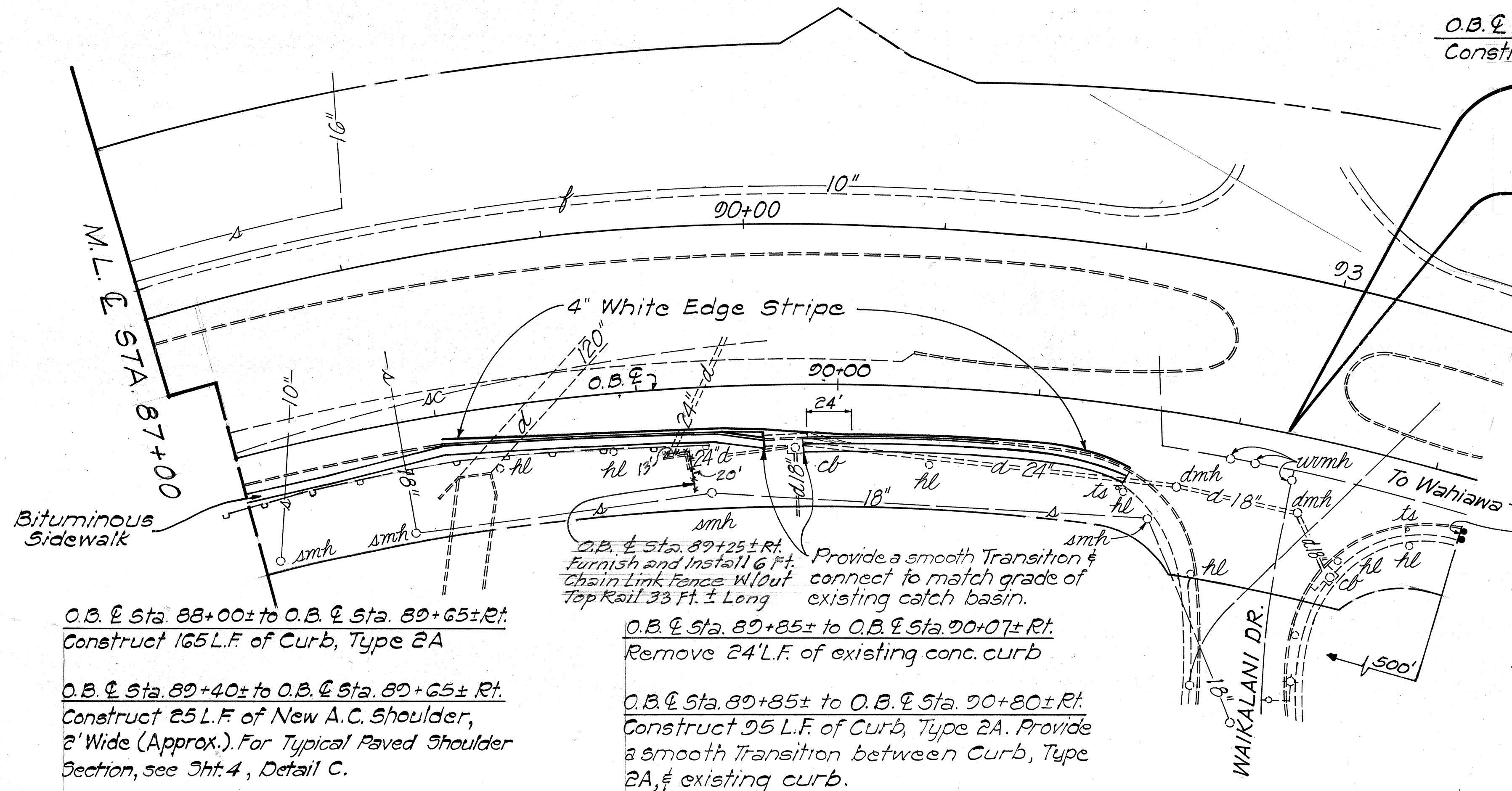
O.B. & Sta. 82+40± to O.B. & Sta. 89+65± Rt.
Construct 725 L.F. of Bituminous Sidewalk

END PROJECT
NO. 99C-03-89
O.B. & STA. 92+15

TRUE NORTH
Scale: 1"=40'

INSTALL
NEW SIGN WITH POST

END CONSTRUCTION
CG 20-2



O.B. & Sta. 88+00± to O.B. & Sta. 89+65± Rt.
Construct 165 L.F. of Curb, Type 2A

O.B. & Sta. 89+40± to O.B. & Sta. 89+65± Rt.
Construct 25 L.F. of New A.C. Shoulder, 2' Wide (Approx.). For Typical Paved Shoulder Section, see Sht. 4, Detail C.

O.B. & Sta. 89+65± to O.B. & Sta. 91+50± Rt.
Construct 170 L.F. of Bituminous Sidewalk.

O.B. & Sta. 88+00± to O.B. & Sta. 91+50± Rt.
Stripe 350 L.F. of 4" Edge Pavement Striping (Tape, Type II or Thermoplastic Extrusion). Tie Striping into existing E.P.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANS

KAMEHAMEHA HIGHWAY
SIDEWALK AND FENCE
Waihau St. to Waikalani Dr.
PROJECT NO. 99C-03-89
Scale: 1"=40' Date: Jan., 1990

SHEET No. 2 OF 2 SHEETS

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