

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	24	127

TRUE NORTH
SCALE: 1 IN = 10 FT

LAULAUNUI STREET
(CITY)

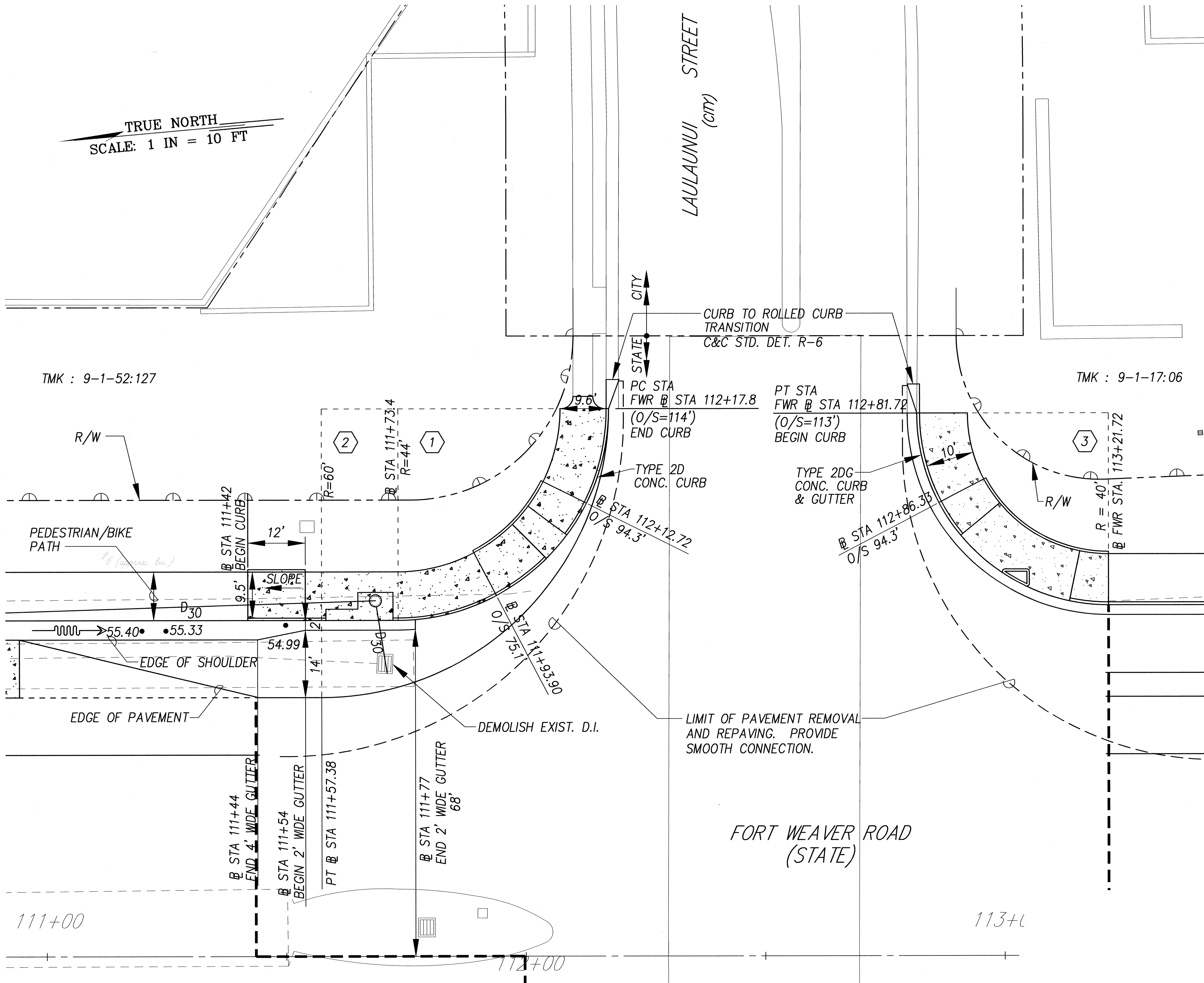
CURVE DATA

1 CURB RETURN
 $\Delta = 90^{\circ}00'00''$
 $\Delta/2 = 45^{\circ}00'00''$
 $R = 44'$
 $T = 44'$
 $C = 62.23'$
 $L = 69.12'$

2 EP RETURN
 $\Delta = 90^{\circ}00'00''$
 $\Delta/2 = 45^{\circ}00'00''$
 $R = 60'$
 $T = 60'$
 $C = 84.85'$
 $L = 94.25'$

3 CURB RETURN
 $\Delta = 90^{\circ}00'00''$
 $\Delta/2 = 45^{\circ}00'00''$
 $R = 40'$
 $T = 40'$
 $C = 56.57'$
 $L = 62.83'$

DATE	_____
DESIGNED BY	_____
TRACED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____



KENNETH O. NAGAI
LICENSED PROFESSIONAL ENGINEER
No. 3265-C
HAWAII, U.S.A.
SIGNATURE
APRIL 30, 2004
EXPIRATION DATE OF LICENSE
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION DETAIL PLAN

FORT WEAVER ROAD WIDENING
NEAR LAULAUNUI STREET

FEDERAL AID PROJECT NO. CMAQ-076-1(8)

SCALE: 1"=10' DATE: October 2003

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(8)	2004	25	127

NOTE:

SEE ELECTRICAL PLANS FOR RELOCATION OF EXIST. UTILITIES, TRAFFIC SIGNAL LT. BOX, SIGNAL LT. & ST. LIGHT

CURVE DATA

4 CURB/PAVEMENT RETURN

$\Delta = 90^{\circ}00'00''$
 $\Delta/2 = 45^{\circ}00'00''$
 $R = 30'$
 $T = 30'$
 $C = 42.43'$
 $L = 47.12'$

5 EP RETURN

$\Delta = 90^{\circ}00'00''$
 $\Delta/2 = 45^{\circ}00'00''$
 $R = 30'$
 $T = 30'$
 $C = 42.43'$
 $L = 47.12'$

6 CURB RETURN

$\Delta = 90^{\circ}00'00''$
 $\Delta/2 = 45^{\circ}00'00''$
 $R = 50'$
 $T = 50'$
 $C = 70.71'$
 $L = 78.54'$

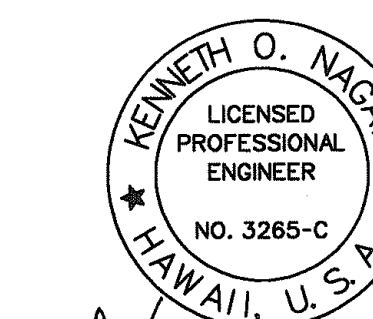
LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

APPROVED:

CHIEF, CIVIL ENGINEERING BRANCH, DPP

DATE

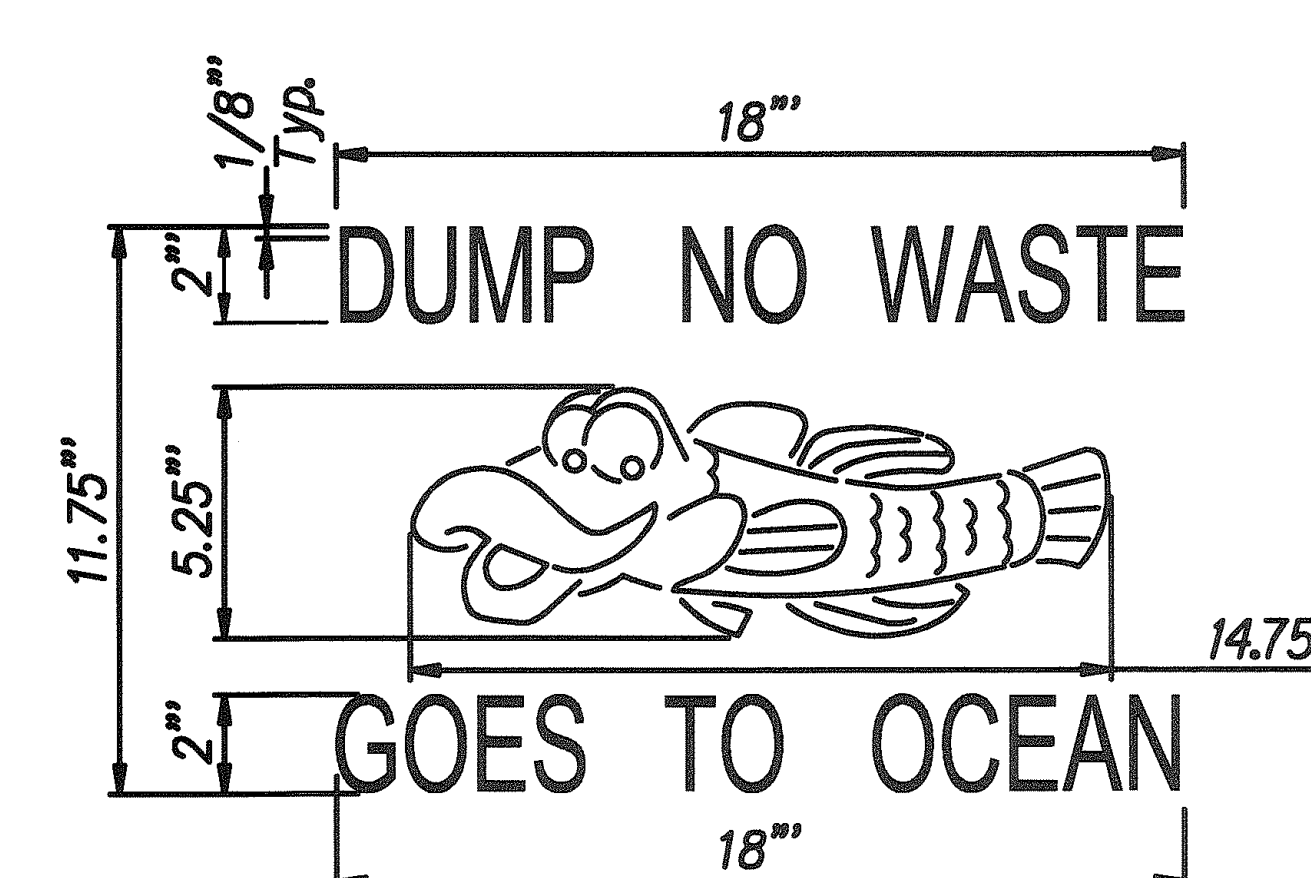
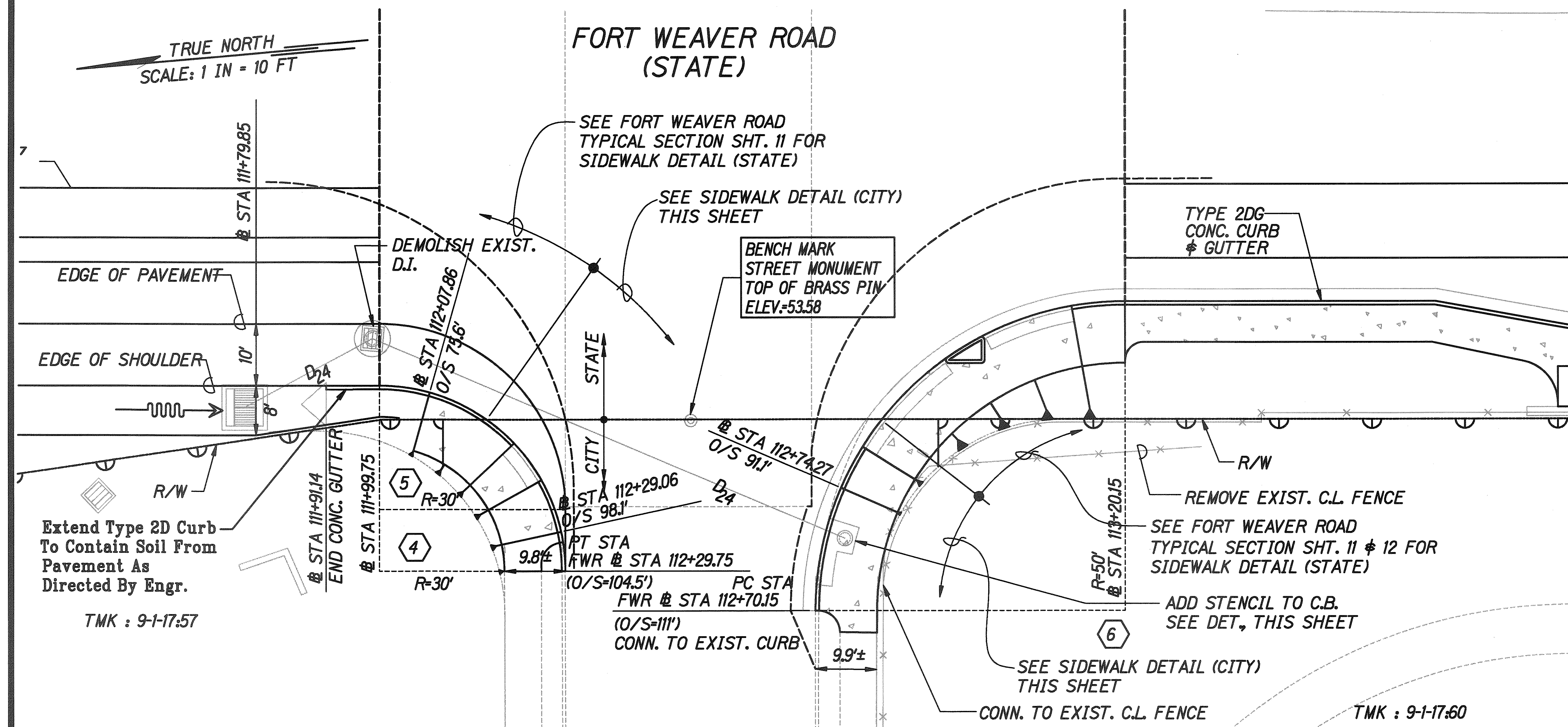


SIGNATURE
APRIL 30, 2008
EXPIRATION DATE OF LICENSE
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION DETAIL PLAN

**FORT WEAVER ROAD WIDENING
NEAR LAULAUNUI STREET**
FEDERAL AND PROJECT NO. CMAQ-076-1(8)
SCALE: 1"=10' DATE: October 2003
SHEET No. 2 OF 2 SHEETS



STENCIL DETAIL FOR CATCH BASIN
Not to Scale

Specification:

Material: Aluminum alloy (cast aluminum), lead, or equal.
Lettering: Height of letters shall be 2" high and 1/8" wide. The under side of all lettering shall be V-shaped

Line Work: All line work for the fish diagram shall be 1/8" thick. The under side of the line work shall be V-shaped.

Placement: The stencil shall be centered on the top deck of the catch basin and shall be a minimum of 8" away from the front face of the inlet.

Impression: The stencil shall be pressed 1/4" into the green concrete when the inlet is made.

"AS-BUILT"

25

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTES BOOK	
CMAQ-076-1(8)	
QUANTITIES BY	
CHECKED BY	
DATE	