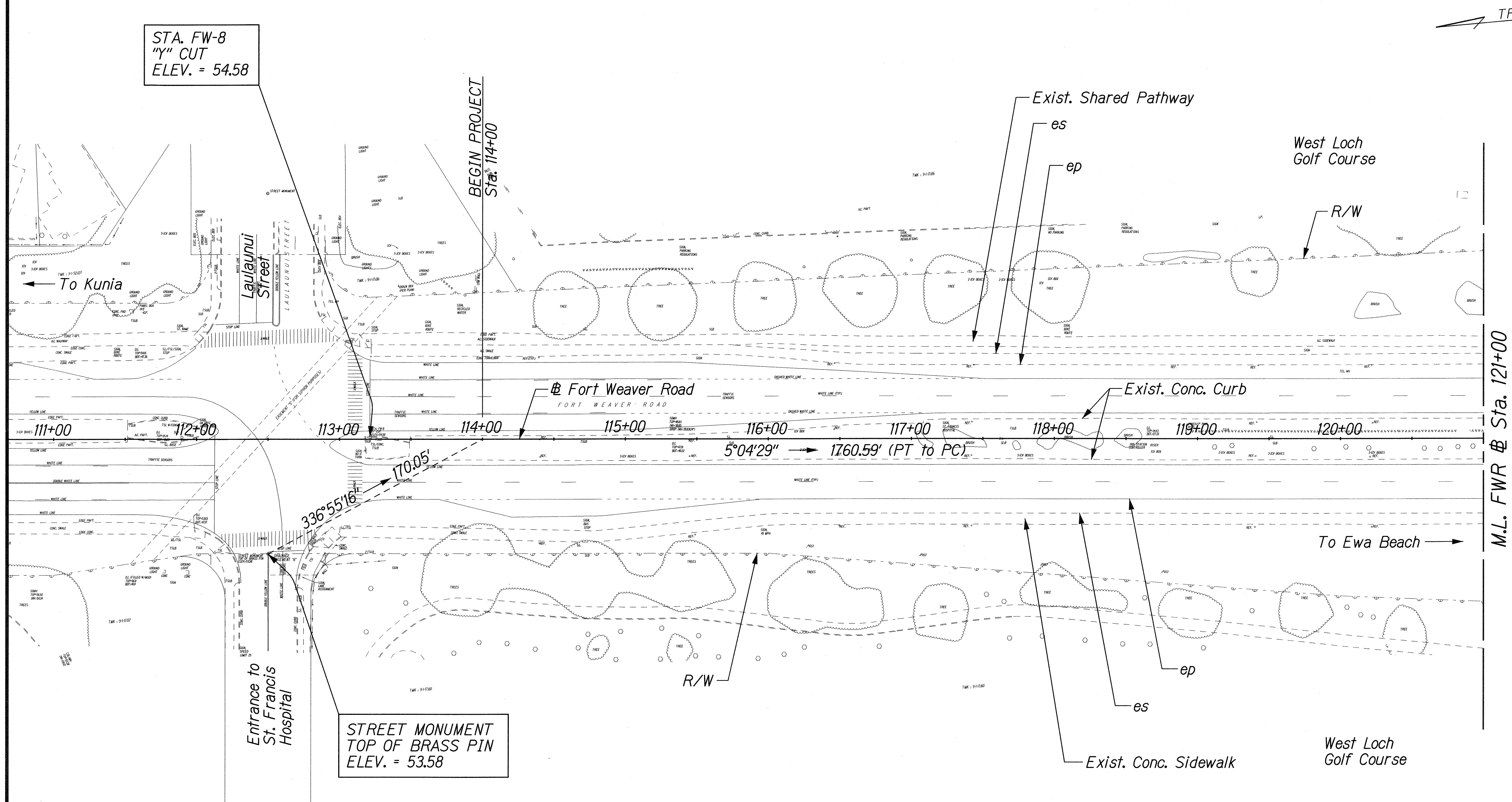


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	19	160



ORIGINAL PLAN	SURVEY PLATTED BY	DATE
TRACED BY		
DESIGNED BY		
CHECKED BY		
DATE		

34 FORT WEAVER ROAD/ALIGN/ALIGN.dgn

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R. M. Urashki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. TO 111+00 TO 121+00

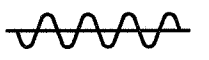
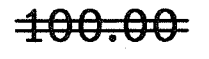
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

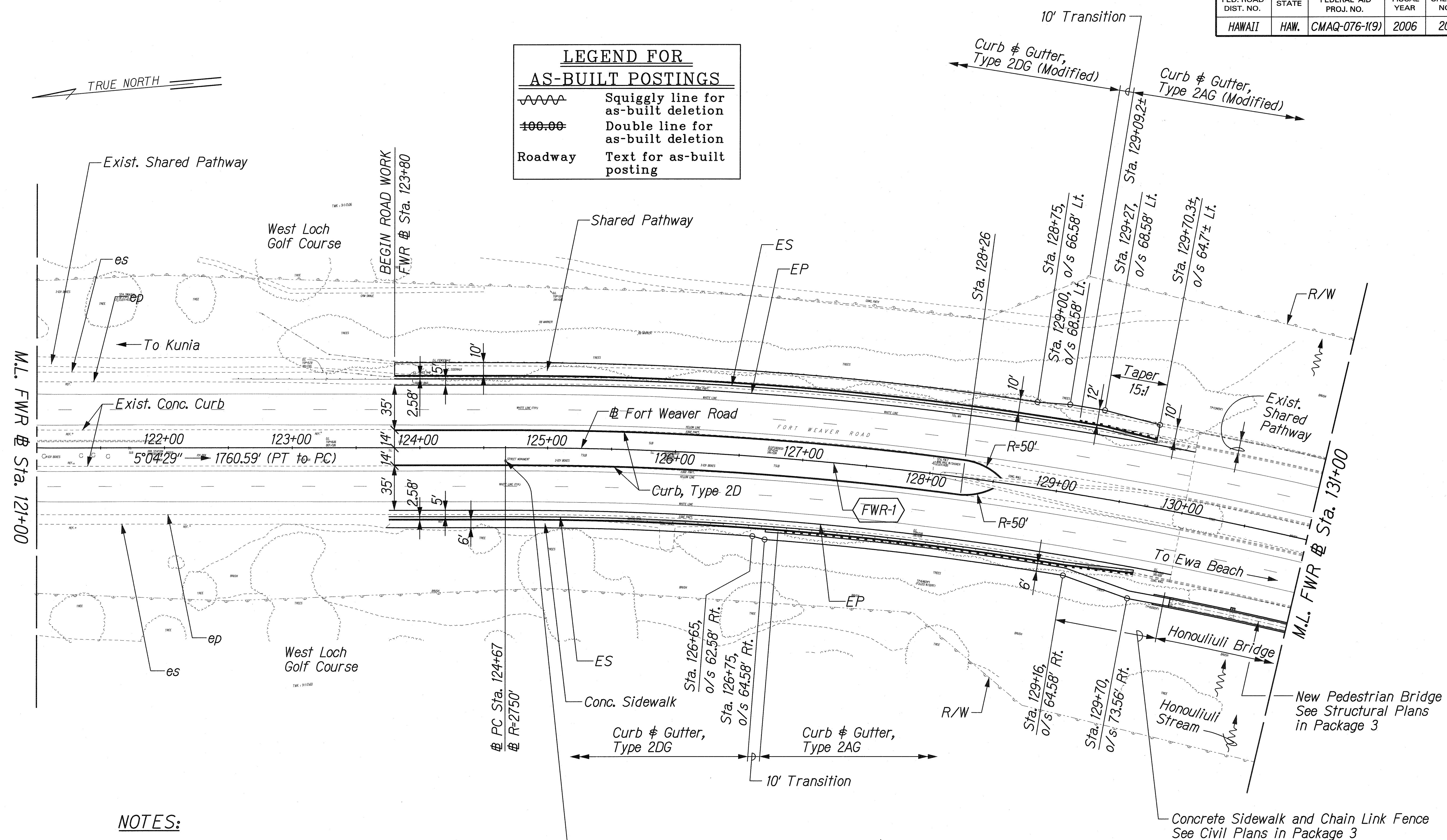
Scale: 1" = 40' Date: Sept. 20, 2007

SHEET No. A1-1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	20	160

LEGEND FOR AS-BUILT POSTINGS

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



NOTES:

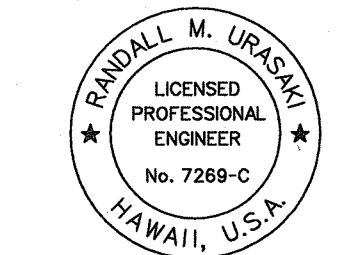
For Curb & Gutter, Type 2DG and Type 2AG See Sheet RI-5A.

For Curb & Gutter, Type 2AG (Modified) and Type 2DG (Modified) See Sheet RI-5A.

FWR & CURVE DATA

FWR-1
 $\Delta = 25^{\circ}19'56''$
 $\Delta/2 = 12^{\circ}39'58''$
 $R = 2750.00'$
 $T = 618.03'$
 $C = 1205.98'$
 $L = 1215.86'$

HIGHWAY MONUMENT
 (REVISED MON. LOC.)
 TOP OF BRASS PIN
 ELEV. 11.06 15.29
 STA. 124+67 (10' o/s & RT.)
 (FAP NO. M-7600 (2))



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R. Urakami

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. TO 121+00 TO 131+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Sept. 20, 2007

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

J:\FORT WEAVER ROAD\ALIGN\ALIGN2.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	21	160

J:\FORT WEAVER ROAD\ALIGN\ALIGN3.dgn
 DATE
 DESIGNED BY
 CHECKED BY
 QUANTITIES BY
 NOTE BOOK
 ORIGINAL PLAN
 TRACED BY
 DRAWN BY
 SURVEY PLANNED BY

FWR @ CURVE DATA
 FWR-1
 $\Delta = 25^{\circ}19'56''$
 $\Delta/2 = 12^{\circ}39'58''$
 $R = 2750.00'$
 $T = 618.03'$
 $C = 1205.98'$
 $L = 1215.86'$

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting
Roadway	

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R. Urasaki

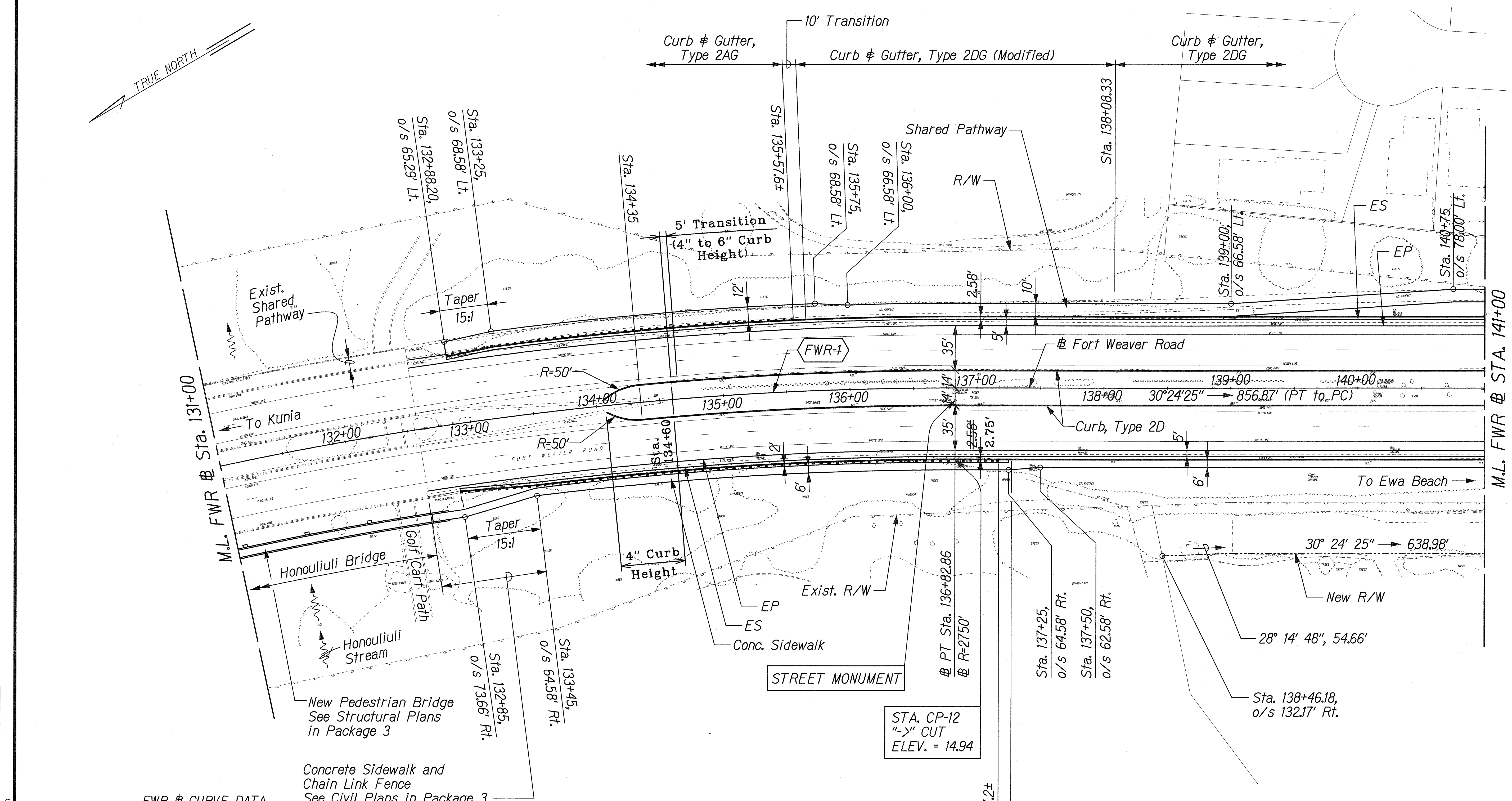
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 131+00 TO 141+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Sept. 20, 2007

SHEET No. AI-3 OF 5 SHEETS



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	22	160

LEGEND FOR
AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

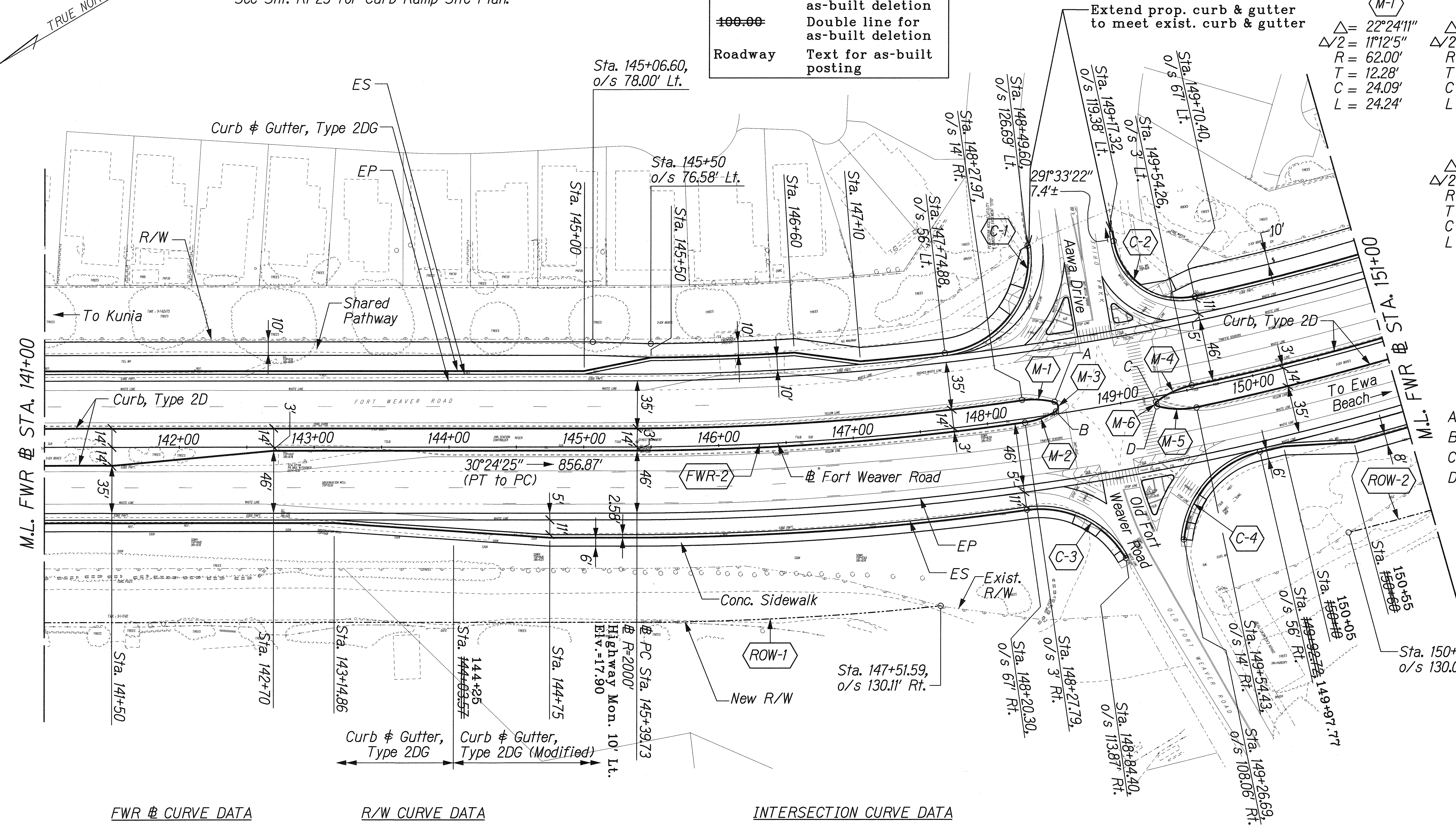
Roadway Text for as-built posting

MEDIAN CURVE DATA

M-1	M-2	M-3
$\Delta = 22^{\circ}24'11''$ $\Delta/2 = 11^{\circ}12'5''$ $R = 62.00'$ $T = 12.28'$ $C = 24.09'$ $L = 24.24'$	$\Delta = 23^{\circ}26'54''$ $\Delta/2 = 11^{\circ}43'27''$ $R = 60.00'$ $T = 12.45'$ $C = 24.38'$ $L = 24.55'$	$\Delta = 134^{\circ}09'14''$ $\Delta/2 = 67^{\circ}04'37''$ $R = 4.00'$ $T = 9.46'$ $C = 7.37'$ $L = 9.37'$
M-4	M-5	
$\Delta = 25^{\circ}51'58''$ $\Delta/2 = 12^{\circ}55'59''$ $R = 65.00'$ $T = 14.93'$ $C = 29.10'$ $L = 29.34'$	$\Delta = 27^{\circ}12'03''$ $\Delta/2 = 13^{\circ}36'01''$ $R = 62.50'$ $T = 15.12'$ $C = 29.39'$ $L = 29.67'$	
M-6		
$\Delta = 126^{\circ}56'16''$ $\Delta/2 = 63^{\circ}28'08''$ $R = 2.00'$ $T = 4.01'$ $C = 3.58'$ $L = 4.43'$		

- A Sta. 148+51.71 o/s 9.18' Lt.
B Sta. 148+51.69 o/s 1.81' Lt.
C Sta. 149+25.95 o/s 3.71' Rt.
D Sta. 149+25.96 o/s 7.29' Rt.

NOTE:
See Sht. R1-25 for Curb Ramp Site Plan.



FWR & CURVE DATA

FWR-2
$\Delta = 44^{\circ}42'46''$ $\Delta/2 = 22^{\circ}21'23''$ $R = 2000.00'$ $T = 822.56'$ $C = 1521.47'$ $L = 1560.77'$

R/W CURVE DATA

ROW-1	ROW-2
$\Delta = 6^{\circ}04'07''$ $\Delta/2 = 3^{\circ}02'03''$ $R = 2130.00'$ $T = 112.91'$ $C = 225.50'$ $L = 225.60'$	$\Delta = 16^{\circ}05'53''$ $\Delta/2 = 8^{\circ}02'56''$ $R = 2130.00'$ $T = 301.21'$ $C = 596.48'$ $L = 598.45'$

INTERSECTION CURVE DATA

C-1	C-2	C-3	C-4
$\Delta = 9^{\circ}37'57''$ $\Delta/2 = 4^{\circ}48'59''$ $R = 70.00'$ $T = 72.02'$ $C = 100.40'$ $L = 111.95'$	$\Delta = 93^{\circ}29'14''$ $\Delta/2 = 46^{\circ}44'37''$ $R = 50.00'$ $T = 53.14'$ $C = 72.83'$ $L = 81.58'$	$\Delta = 68^{\circ}06'43''$ $\Delta/2 = 34^{\circ}03'21''$ $R = 73.00'$ $T = 49.34'$ $C = 81.76'$ $L = 86.78'$	$\Delta = 72^{\circ}23'27''$ $\Delta/2 = 36^{\circ}11'44''$ $R = 73.00'$ $T = 53.42'$ $C = 86.22'$ $L = 92.23'$

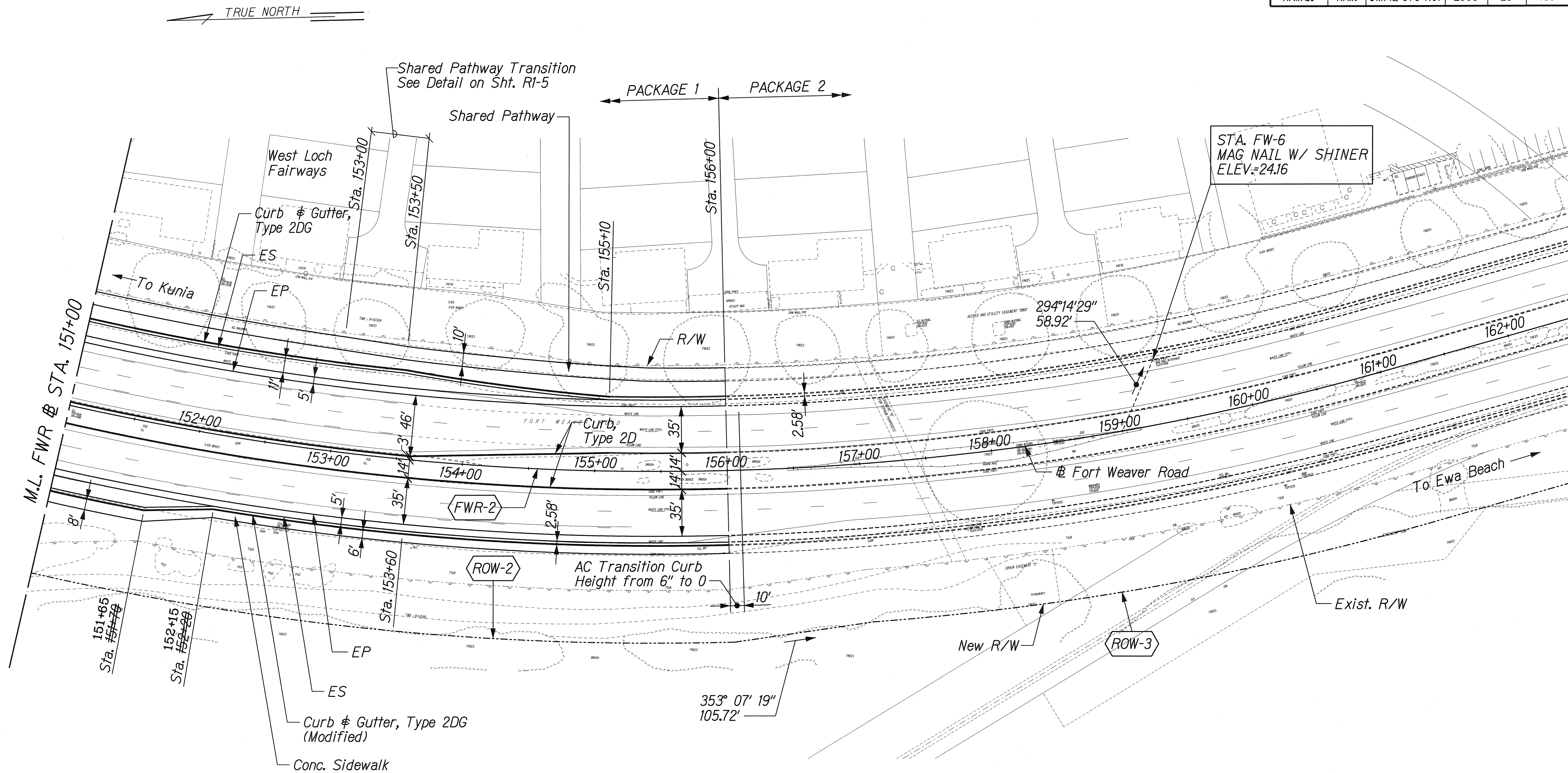
DESIGNED BY	NOTED BY
DRAWN BY	CHECKED BY
DATE	

1/4" = 1' FORT WEAVER ROAD/ALIGN/ALIGN4.dgn

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R. Urasaka

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ALIGNMENT PLAN
STA. 141+00 TO 151+00
FORT WEAVER ROAD WIDENING
VICINITY OF AWA DRIVE TO GEIGER ROAD
Scale: 1" = 40'
Date: Sept. 20, 2007

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	23	160



FWR @ CURVE DATA

FWR-2
Δ = 44°42'46"
Δ/2 = 22°21'23"
R = 2000.00'
T = 822.56'
C = 1521.47'
L = 1560.77'

R/W @ CURVE DATA

ROW-2	ROW-3
Δ = 16°05'53"	Δ = 11°26' 6"
Δ/2 = 8°02'56"	Δ/2 = 5°43'03"
R = 2130.00'	R = 2120.00'
T = 301.21'	T = 212.26'
C = 596.48'	C = 422.41'
L = 598.45'	L = 423.11'

LEGEND FOR

AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting

Roadway

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R. Urasinski

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

ALIGNMENT PLAN

STA. 151+00 TO 160+00

FORT WEAVER ROAD WIDENING

VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40'

Date: Sept. 20, 2007

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

\\FORT WEAVER ROAD\ALIGN\ALIGN5.dgn