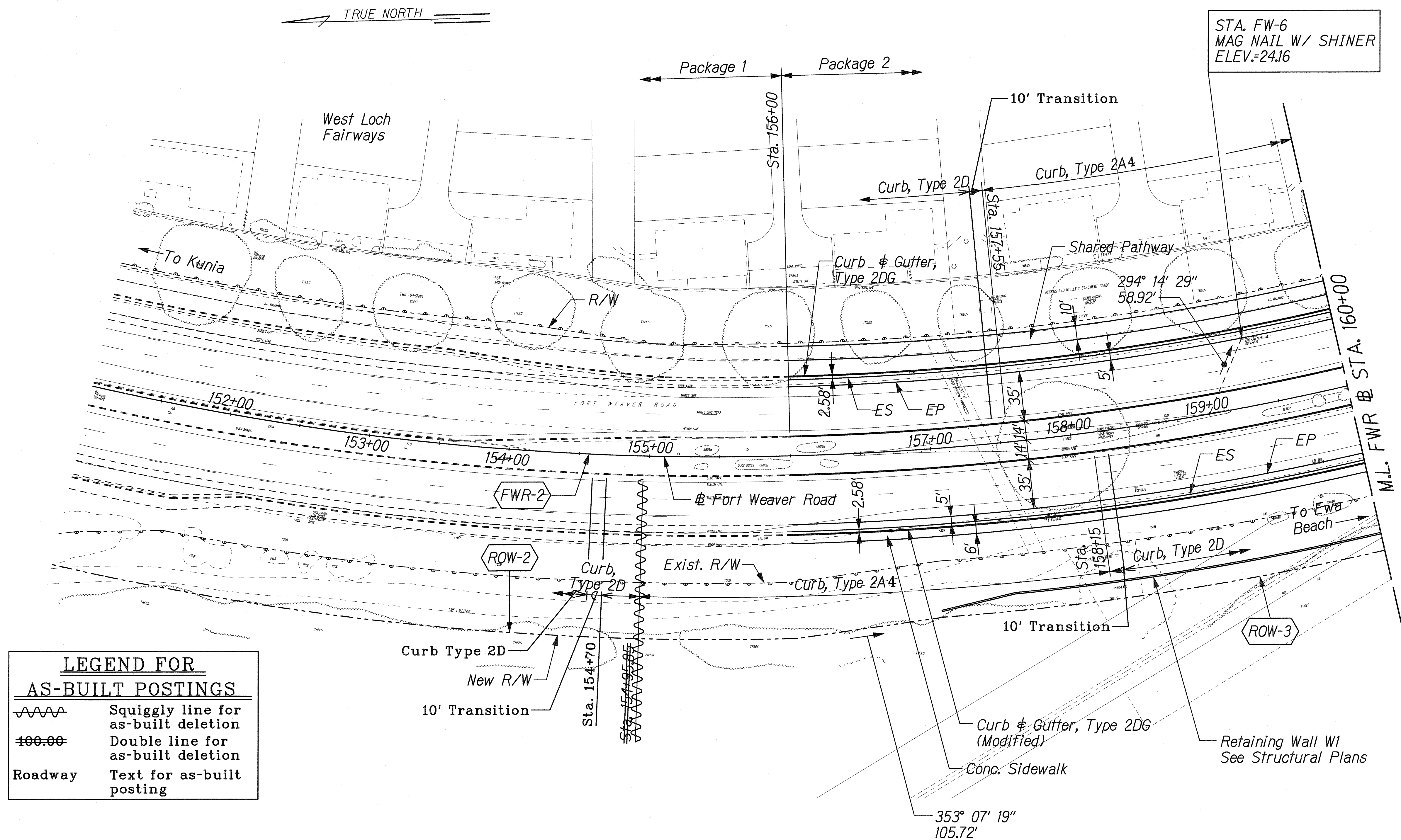


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	20	371



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

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' 06"
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'

NOTE:

For Curb & Gutter details, See sheet R2-14.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *R. Urasak* EXPIRATION DATE: 04/30/10 OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 151+00 TO 160+00

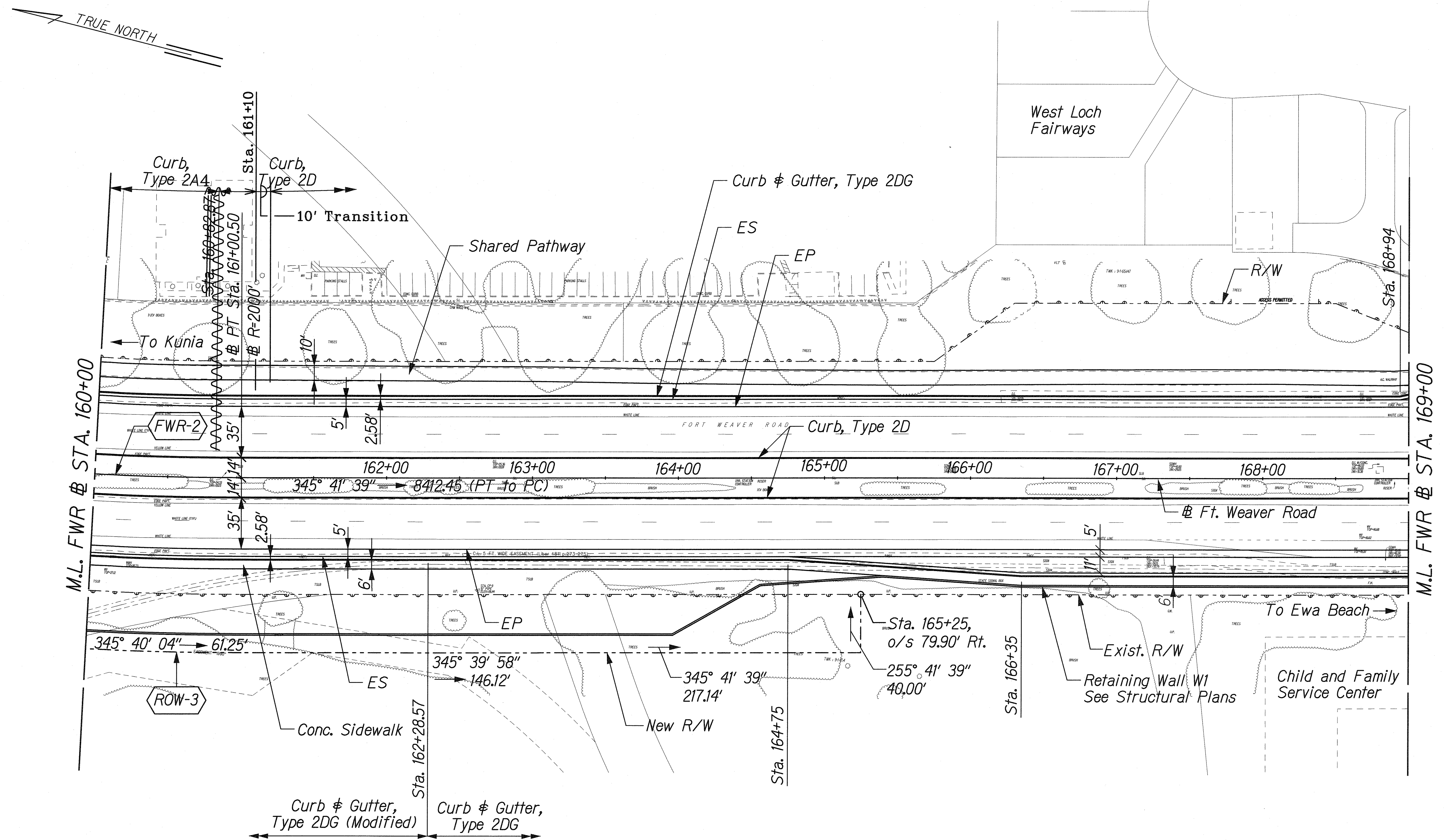
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

L:\FORT WEAVER ROAD\PACKAGE 2\ALIGN\ALIGN5.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	21	371



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-3
$\Delta = 11^\circ 26' 06''$
$\Delta/2 = 5^\circ 43' 03''$
$R = 2120.00'$
$T = 212.26'$
$C = 422.41'$
$L = 423.11'$

LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 160+00 TO 169+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

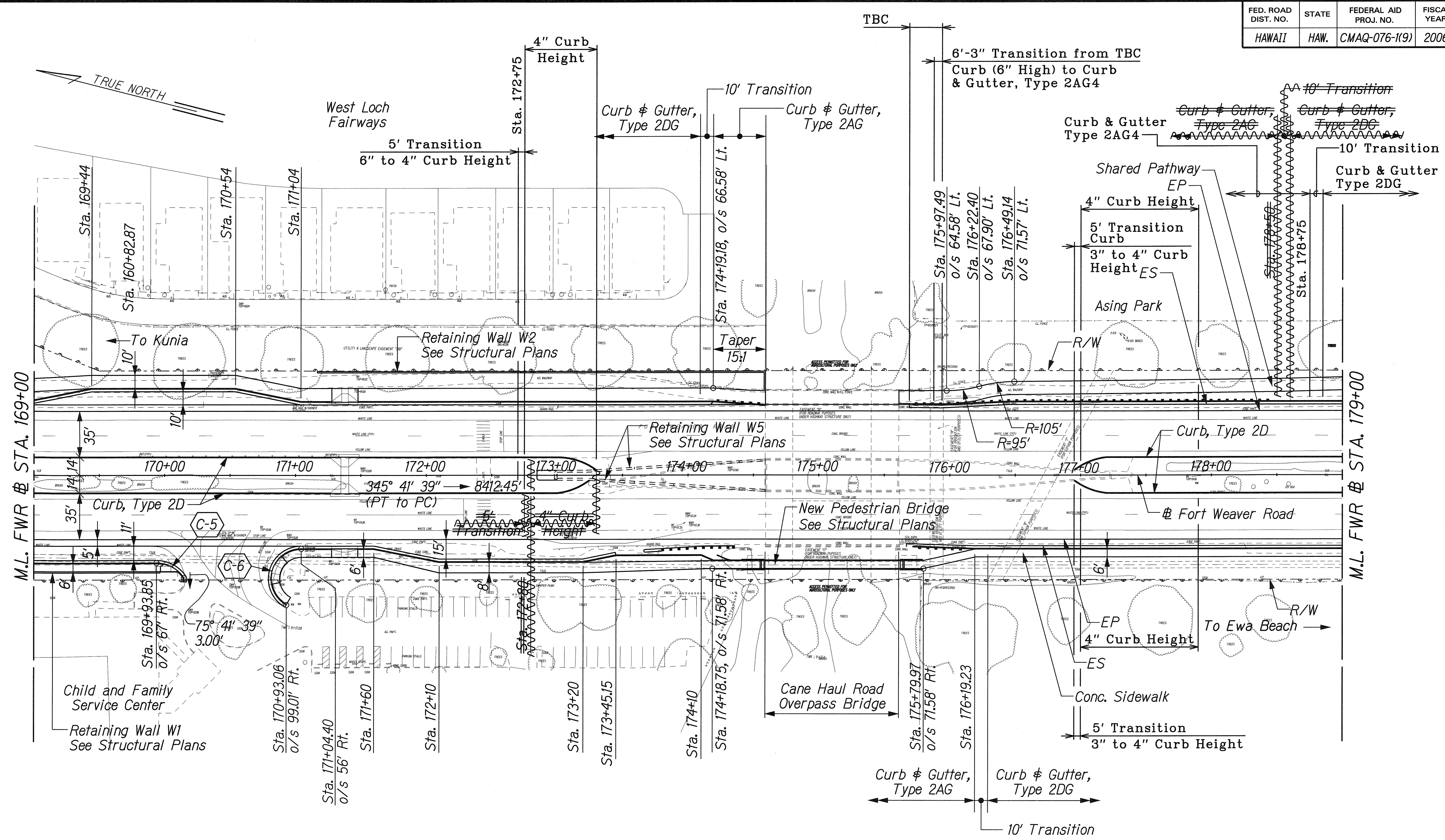
SHEET No. A2-2 OF 12 SHEETS

AS-BUILT 21

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	

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FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	22	371



INTERSECTION CURVE DATA

C-5	C-6
$\Delta = 56^\circ 58' 40''$	$\Delta = 150^\circ 27' 38''$
$\Delta/2 = 28^\circ 29' 20''$	$\Delta/2 = 75^\circ 13' 49''$
$R = 25.00'$	$R = 23.00'$
$T = 13.57'$	$T = 87.24'$
$C = 23.85'$	$C = 44.48'$
$L = 24.86'$	$L = 60.40'$

LEGEND FOR AS-BUILT POSTINGS

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 169+00 TO 179+00

FORT WEAVER ROAD WIDENING
VICINITY OF AWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

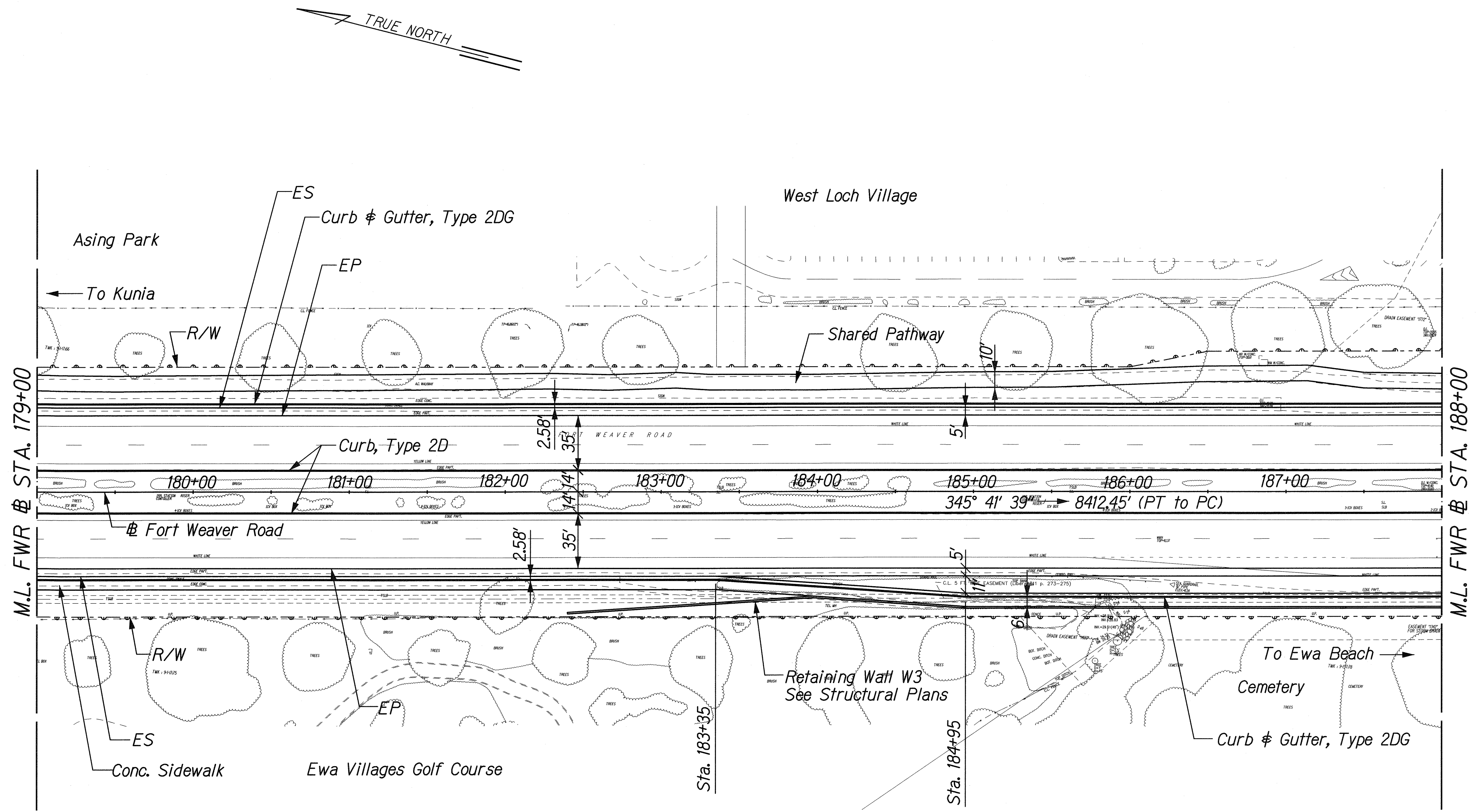
SHEET No. A2-3 OF 12 SHEETS

AS-BUILT 22

DESIGNED BY	DATE
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

\\FORT WEAVER ROAD\PACKAGE 2\ALIGN\ALIGN1.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	23	371



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

L:\FORT WEAVER ROAD\PACKAGE 2\ALIGN\ALIGN8.dgn

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OR UNDER MY SUPERVISION.

SIGNATURE: *R. Uraski* EXPIRATION DATE: 04/30/10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 179+00 TO 188+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

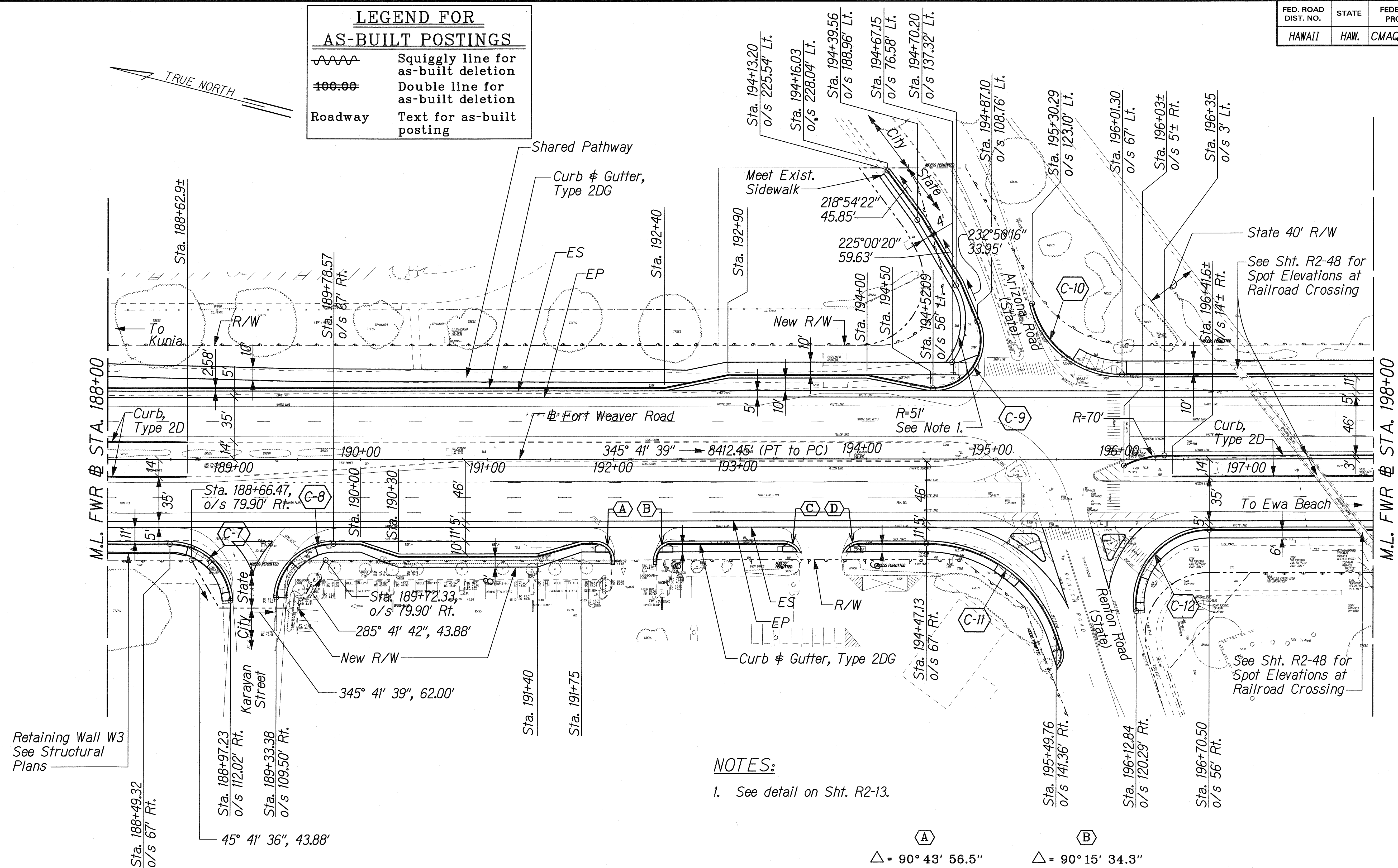
Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. A2-4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	24	371

LEGEND FOR AS-BUILT POSTINGS

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

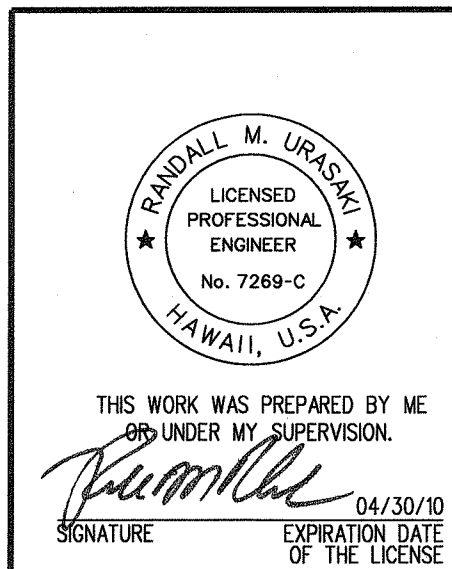


NOTES:

- See detail on Sht. R2-13.

INTERSECTION CURVE DATA

C-7	C-8	C-9	C-10	C-11	C-12	A	B	C	D
$\Delta = 86^\circ 26' 18''$	$\Delta = 86^\circ 29' 10''$	$\Delta = 112^\circ 51' 15''$	$\Delta = 76^\circ 36' 46''$	$\Delta = 71^\circ 50' 59''$	$\Delta = 96^\circ 13' 42''$	$\Delta = 90^\circ 43' 56.5''$	$\Delta = 90^\circ 15' 34.3''$	$\Delta = 60^\circ 24' 23.9''$	$\Delta = 60^\circ 24' 23.0''$
$\Delta/2 = 43^\circ 13' 09''$	$\Delta/2 = 43^\circ 14' 35''$	$\Delta/2 = 56^\circ 25' 38''$	$\Delta/2 = 38^\circ 18' 23''$	$\Delta/2 = 35^\circ 55' 30''$	$\Delta/2 = 48^\circ 06' 51''$	$R = 13.00'$	$R = 13.00'$	$R = 13.00'$	$R = 13.00'$
$T = 45.11'$	$T = 42.58'$	$T = 57.25'$	$T = 57.66'$	$T = 78.25'$	$T = 64.67'$	$T = 13.17'$	$T = 13.06'$	$T = 7.57'$	$T = 7.57'$
$C = 65.74'$	$C = 62.04'$	$C = 63.32'$	$C = 90.50'$	$C = 126.73'$	$C = 86.36'$	$Lc = 20.59'$	$Lc = 20.48'$	$Lc = 13.71'$	$Lc = 13.71'$
$L = 72.41'$	$L = 68.35'$	$L = 74.85'$	$L = 97.61'$	$L = 135.43'$	$L = 97.41'$	$Ch = 18.50'$	$Ch = 18.43'$	$Ch = 13.08'$	$Ch = 13.08'$



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

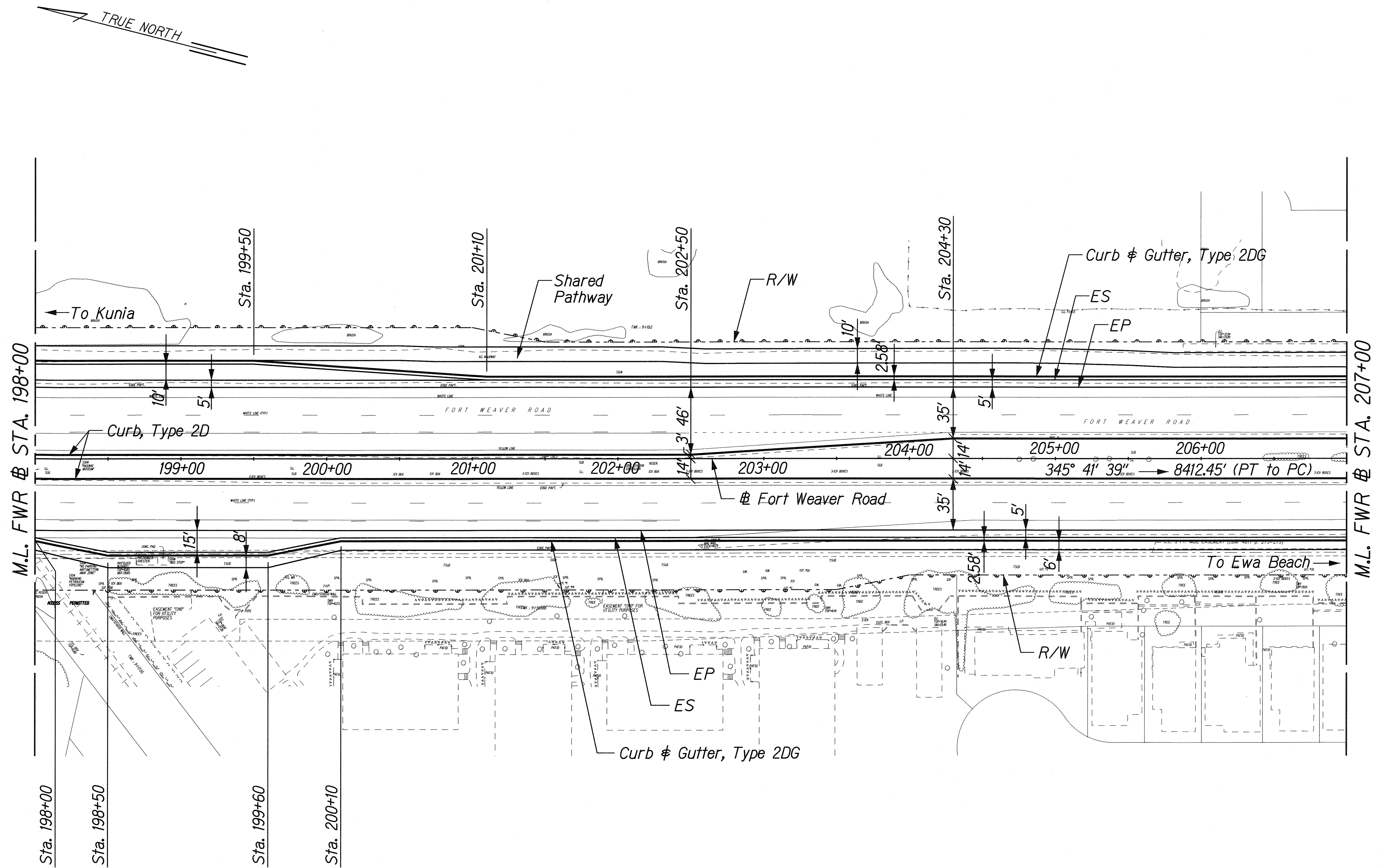
ALIGNMENT PLAN
STA. 188+00 TO 198+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. A2-5 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	25	371



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

J:\FORT WEAVER ROAD\PACKAGE 2\ALIGN\ALIGN02.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

SIGNATURE: *R. Urasky* EXPIRATION DATE: 04/30/10
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

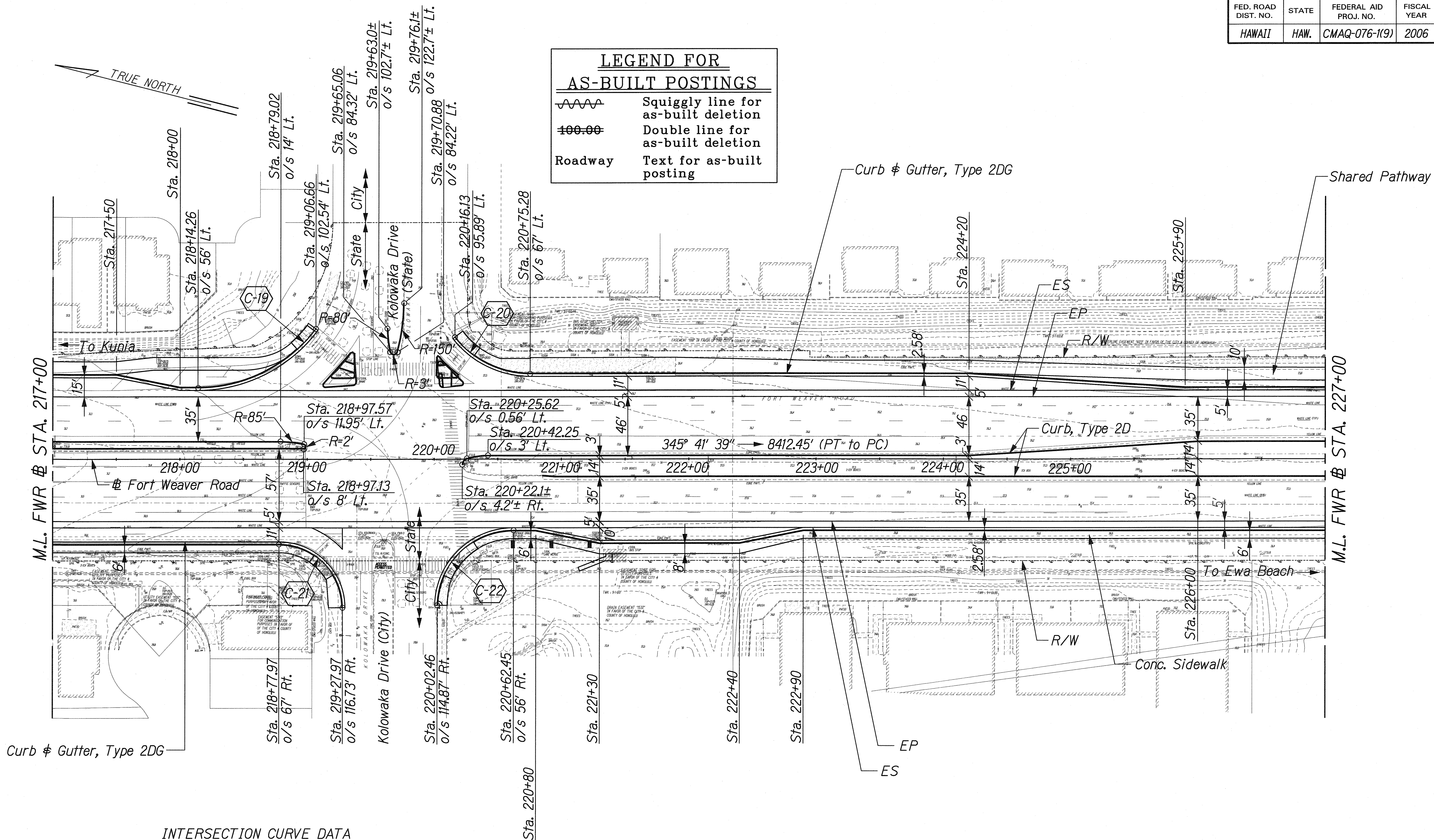
ALIGNMENT PLAN
STA. 198+00 TO 207+00

FORT WEAVER ROAD WIDENING
VICINITY OF AWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. A2-6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	27	371



LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

INTERSECTION CURVE DATA			
C-19	C-20	C-21	C-22
$\Delta = 53^\circ 28' 05''$	$\Delta = 52^\circ 03' 41''$	$\Delta = 89^\circ 41' 37''$	$\Delta = 88^\circ 55' 29''$
$\Delta/2 = 26^\circ 44' 02''$	$\Delta/2 = 26^\circ 01' 51''$	$\Delta/2 = 44^\circ 50' 48''$	$\Delta/2 = 44^\circ 27' 45''$
R = 115.00'	R = 75.00'	R = 50.00'	R = 60.00'
T = 57.92'	T = 36.63'	T = 49.73'	T = 58.88'
C = 103.47'	C = 65.83'	C = 70.52'	C = 84.05'
L = 107.32'	L = 68.15'	L = 78.27'	L = 93.12'

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

Approved: *(For work in city ROW only)*

Meloni Sakakura 5/7/08
Chief, Civil Engineering Branch, DPP Date

THIS WORK WAS PREPARED BY ME
UNDER MY SUPERVISION

R. Uraski 04/30/10
SIGNATURE EXPIRATION DATE OF THE LICENSE

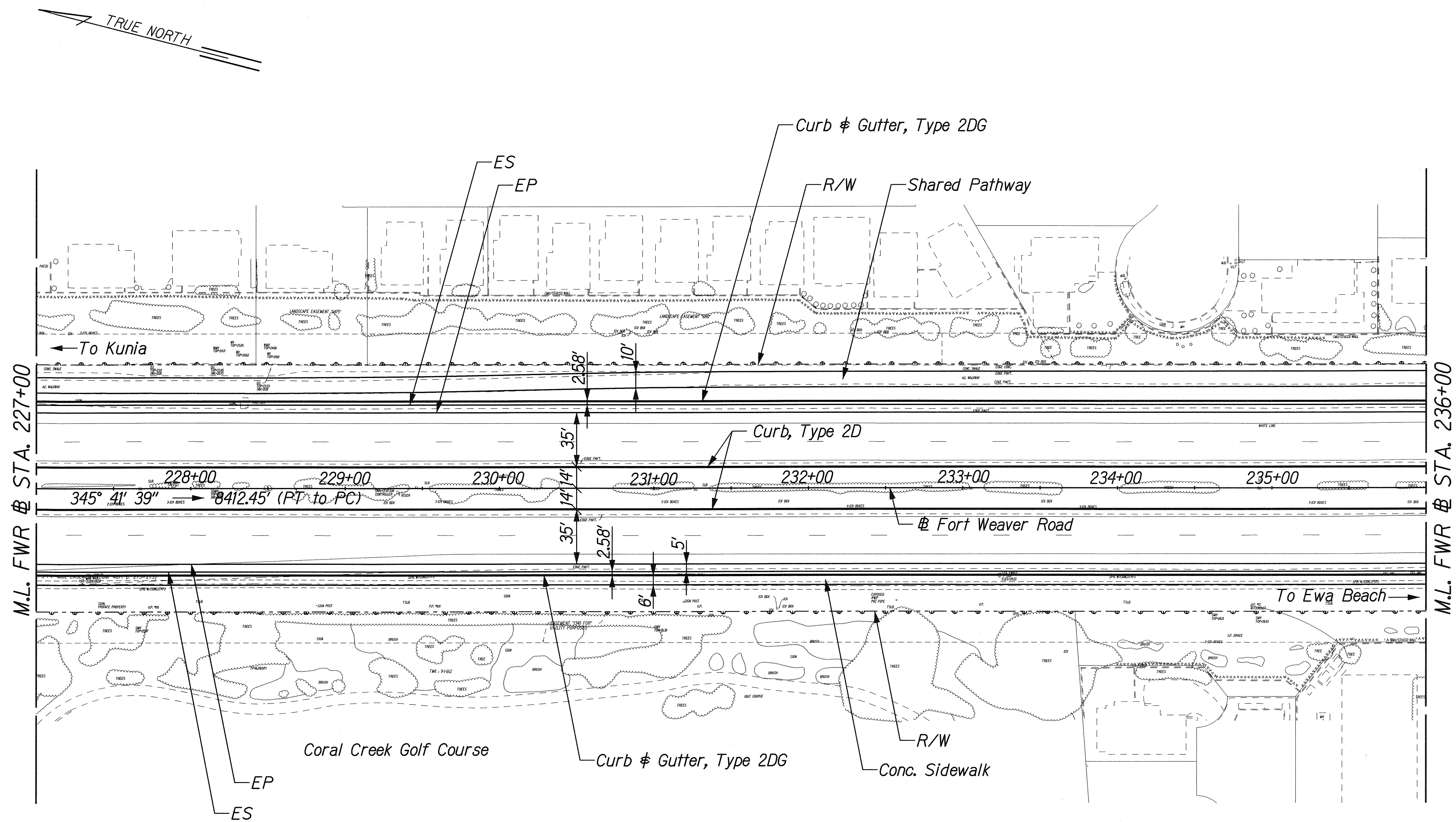
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 217+00 TO 227+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	28	371



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

J:\FORT WEAVER ROAD\PACKAGE 2\ALIGN\ALIGN13.dgn

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SIGNATURE *R. Uraska* 04/30/10
EXPIRATION DATE OF THE LICENSE

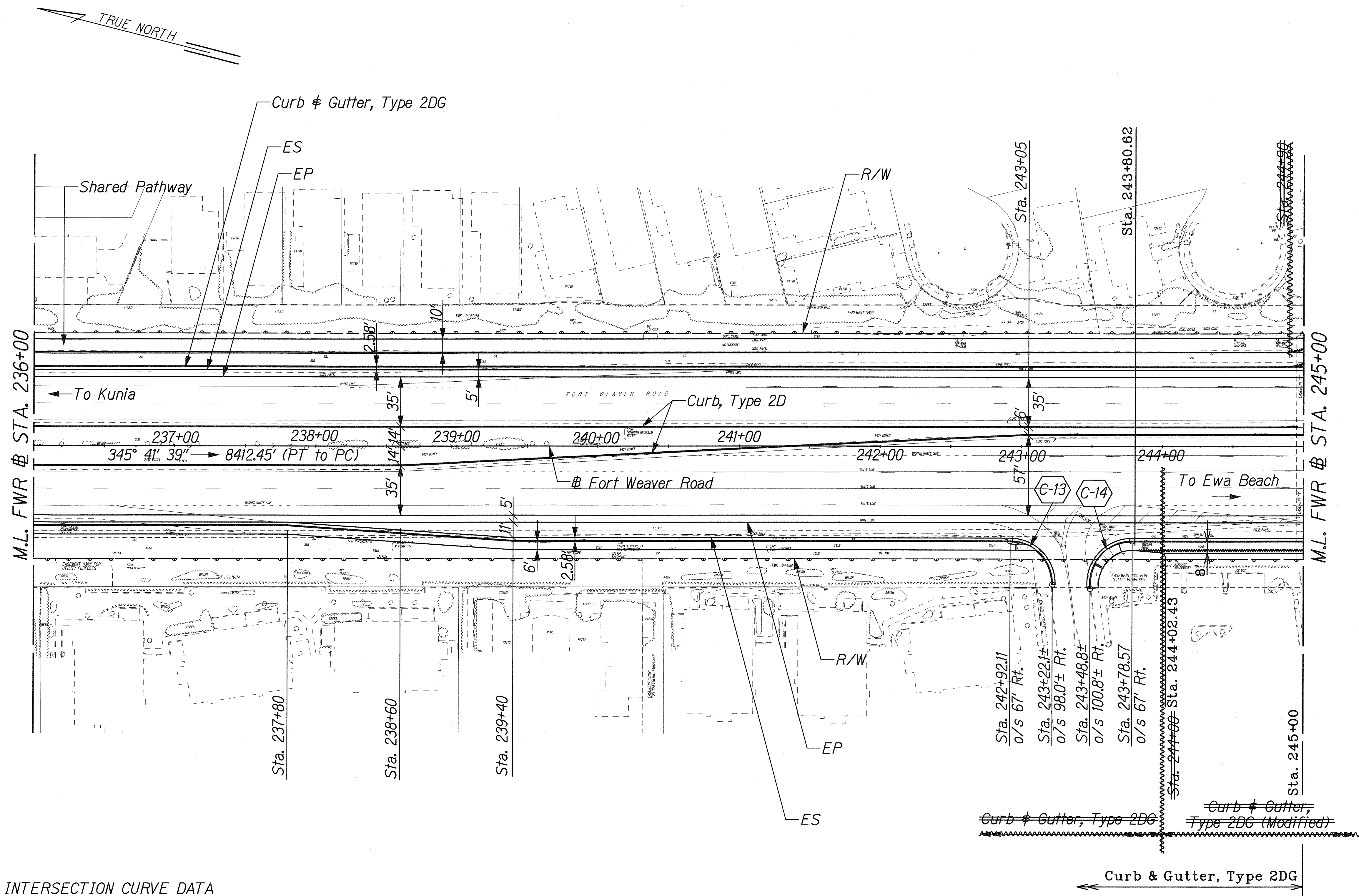
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 227+00 TO 236+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	29	371



INTERSECTION CURVE DATA

C-13	C-14
$\Delta = 91^\circ 48' 41''$	$\Delta = 97^\circ 11' 34''$
$\Delta/2 = 45^\circ 54' 20''$	$\Delta/2 = 48^\circ 35' 47''$
$R = 30.00'$	$R = 30.00'$
$T = 30.96'$	$T = 34.02'$
$C = 43.09'$	$C = 45.00'$
$L = 48.07'$	$L = 50.89'$

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

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Rumille
SIGNATURE

04/30/10
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 236+00 TO 245+00

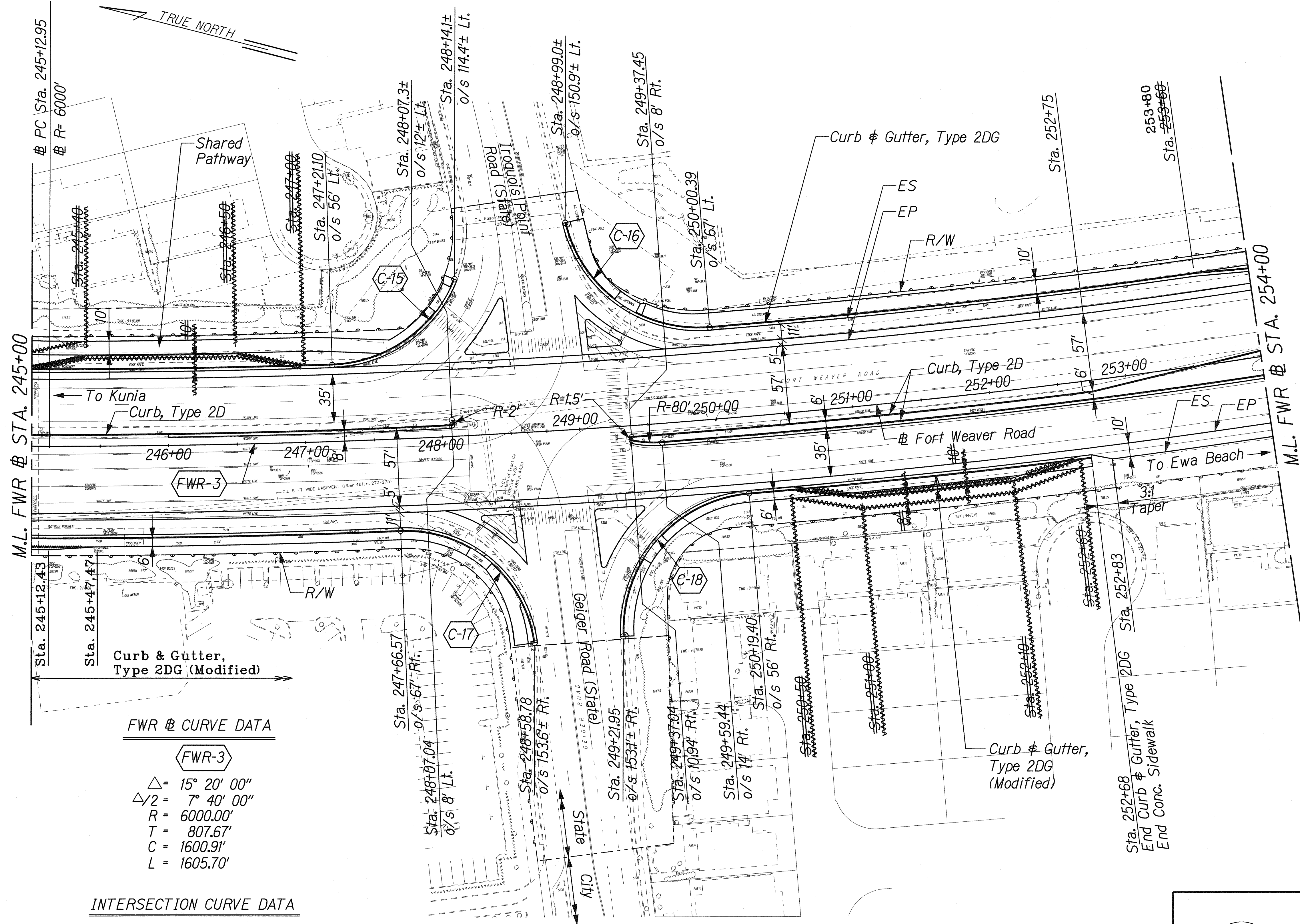
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. A2-10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	30	371

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



FWR & CURVE DATA

FWR-3	
$\Delta = 15^\circ 20' 00''$	
$\Delta/2 = 7^\circ 40' 00''$	
$R = 6000.00'$	
$T = 807.67'$	
$C = 1600.91'$	
$L = 1605.70'$	

INTERSECTION CURVE DATA

C-15	C-16	C-17	C-18
$\Delta = 65^\circ 51' 37''$	$\Delta = 81^\circ 13' 58''$	$\Delta = 84^\circ 32' 6''$	$\Delta = 87^\circ 51' 01''$
$\Delta/2 = 32^\circ 55' 49''$	$\Delta/2 = 40^\circ 36' 59''$	$\Delta/2 = 42^\circ 16' 3''$	$\Delta/2 = 43^\circ 55' 31''$
$R = 100.00'$	$R = 100.00'$	$R = 95.00'$	$R = 100.00'$
$T = 64.77'$	$T = 85.76'$	$T = 86.35'$	$T = 96.32'$
$C = 108.72'$	$C = 130.20'$	$C = 127.79'$	$C = 138.74'$
$L = 114.95'$	$L = 141.78'$	$L = 140.16'$	$L = 153.33'$

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

J:\FORT WEAVER ROAD\PACKAGE 2\ALIGN\ALIGN5.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *R. Urasky* EXPIRATION DATE: 04/30/10 OF THE LICENSE

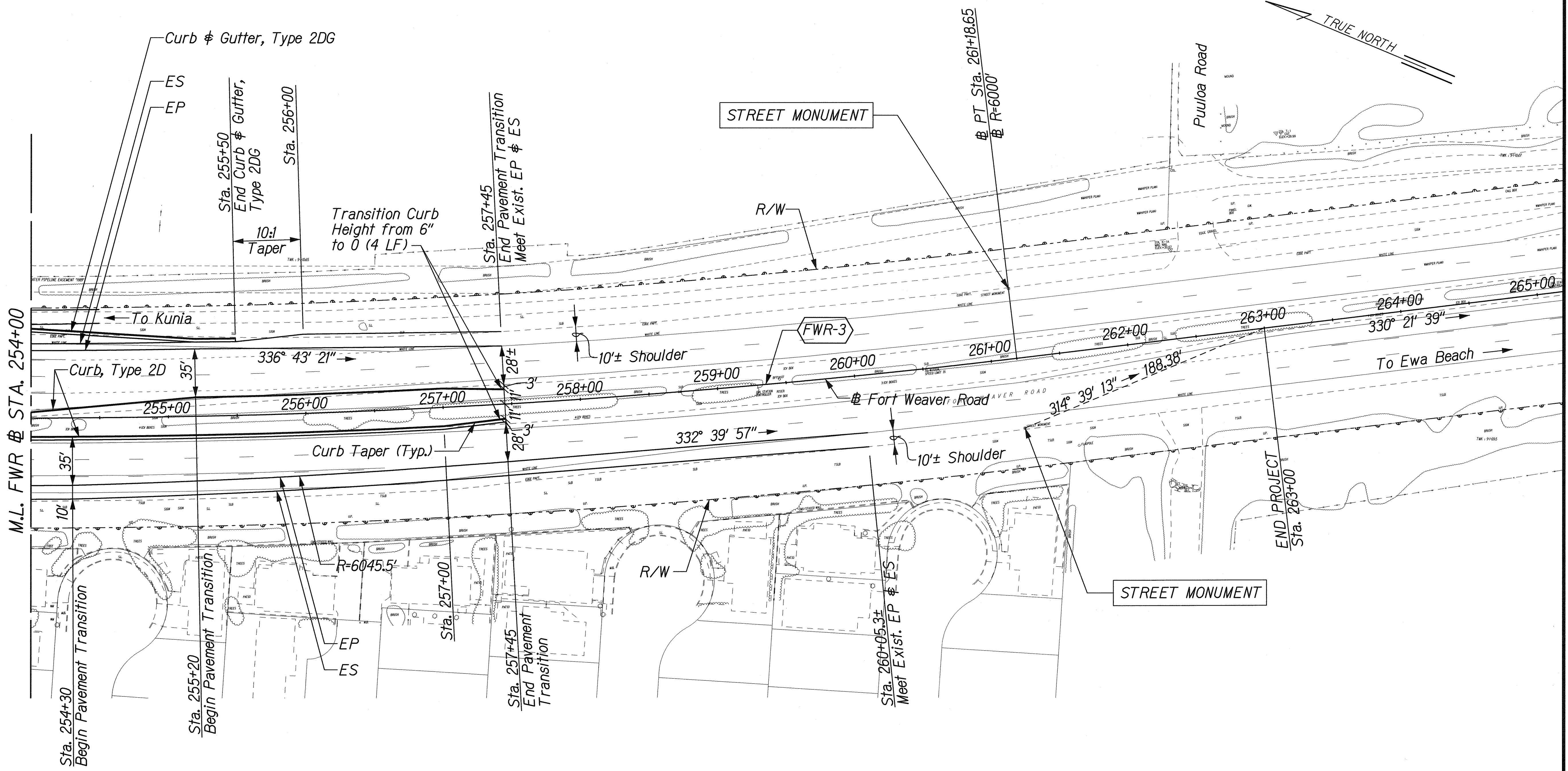
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 245+00 TO 254+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	31	371



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY		
NOTED BY		
CHECKED BY		

FWR @ CURVE DATA

FWR-3

Δ = 15° 20' 00"

Δ/2 = 7° 40' 00"

R = 6000.00'

T = 807.67'

C = 1600.91'

L = 1605.70'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Rumilko

SIGNATURE

04/30/10 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN
STA. 254+00 TO 263+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: 1" = 40' Date: Feb. 22, 2008