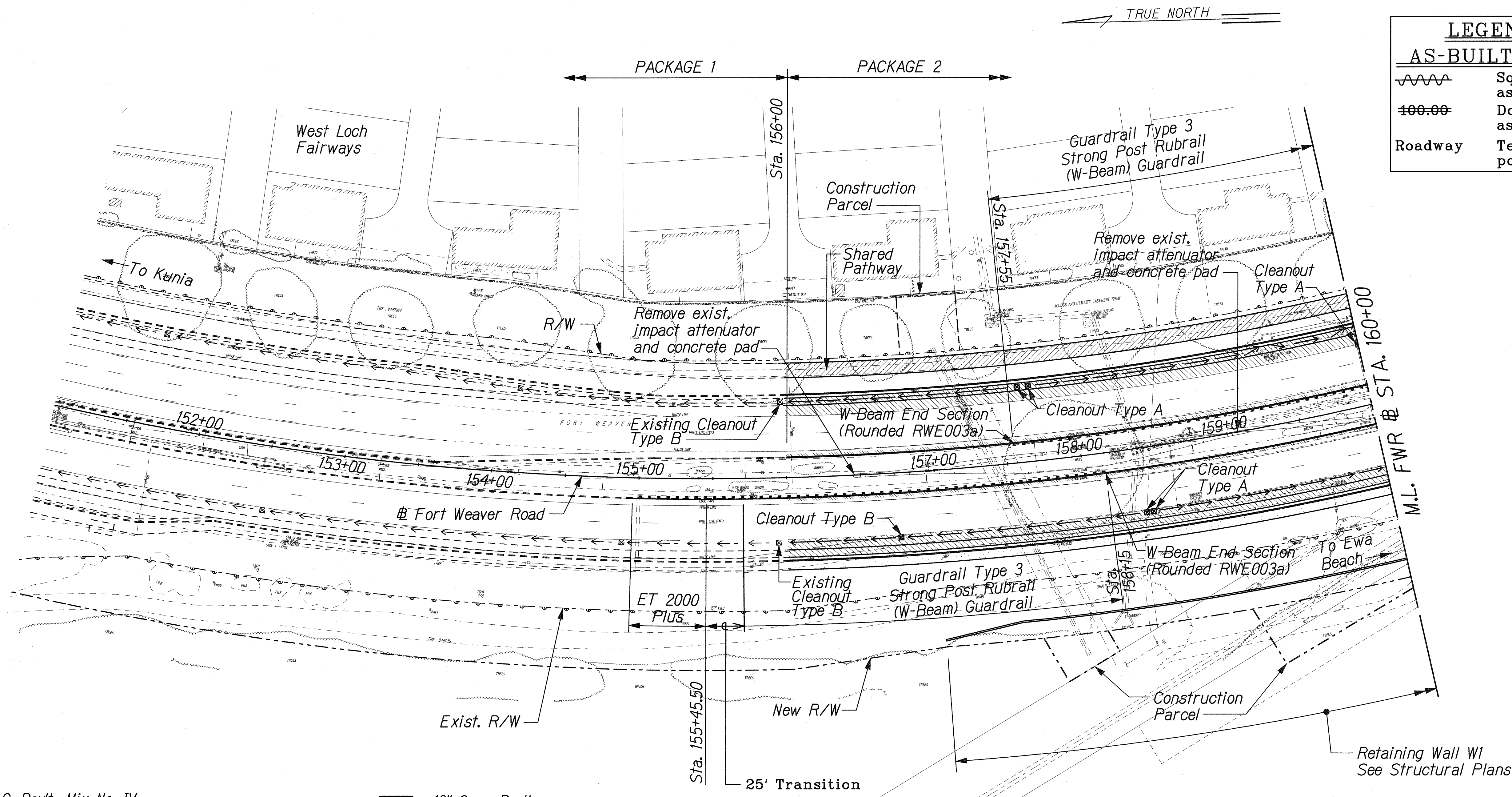


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	32	371

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



LEGEND:

	4" A.C. Pav't., Mix No. IV		10" Conc. Pav't.
	9.5" Glassphalt Base Course		13.5" Untreated Permeable Base Course
	10" Untreated Permeable Base Course		9" Aggregate Subbase Course
	9" Aggregate Subbase Course (Sta. 123+90 to 219+00)		(Sta. 123+90 to 219+00)
	6" Aggregate Subbase Course (Sta. 219+00 to 257+45)		6" Aggregate Subbase Course
			(Sta. 219+00 to 257+45)
	2" A.C. Overlay		PCCP Transition
	2" A.C. Pav't., Mix No. V, as Required on Sht. R2-13		Underdrain
	6" Aggregate Base Course, as Required on Sht. R2-13		Cleanout
	6" Aggregate Subbase Course, as Required on Sht R2-13		6' High Chain Link Fence w/o Toprail
	6" Conc. Sidewalk		See DOT Standard Plan D-02
	24" Low Expansive Material		Guardrail Type 3
	2.5" A.C. Pav't., Mix No. IV		

ROADWAY PLAN NOTES:

1. For Irrigation Sleeve Profiles, See Sht. R2-15 to R2-28.
2. For Bus Shelter Details, See Shts. R2-32 to R2-36.
3. For Guardrail Type 3 Details, See Shts. R2-37 to R2-40.
4. For ET2000 Plus, See Sht. R2-41.
5. For Thrie Beam Connection, See Sht. R2-42.
6. For Underdrain Details, See Sht. R2-43 to R2-44.
7. For Curb Ramp Details, See Shts. R2-49 to R2-72.
8. See Utility Plans for Manhole Adjustment Locations
9. Provide smooth riding connections when meeting existing pavement and bridge.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Ramilla* Date: 04/30/10

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
STA. 151+00 TO 160+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

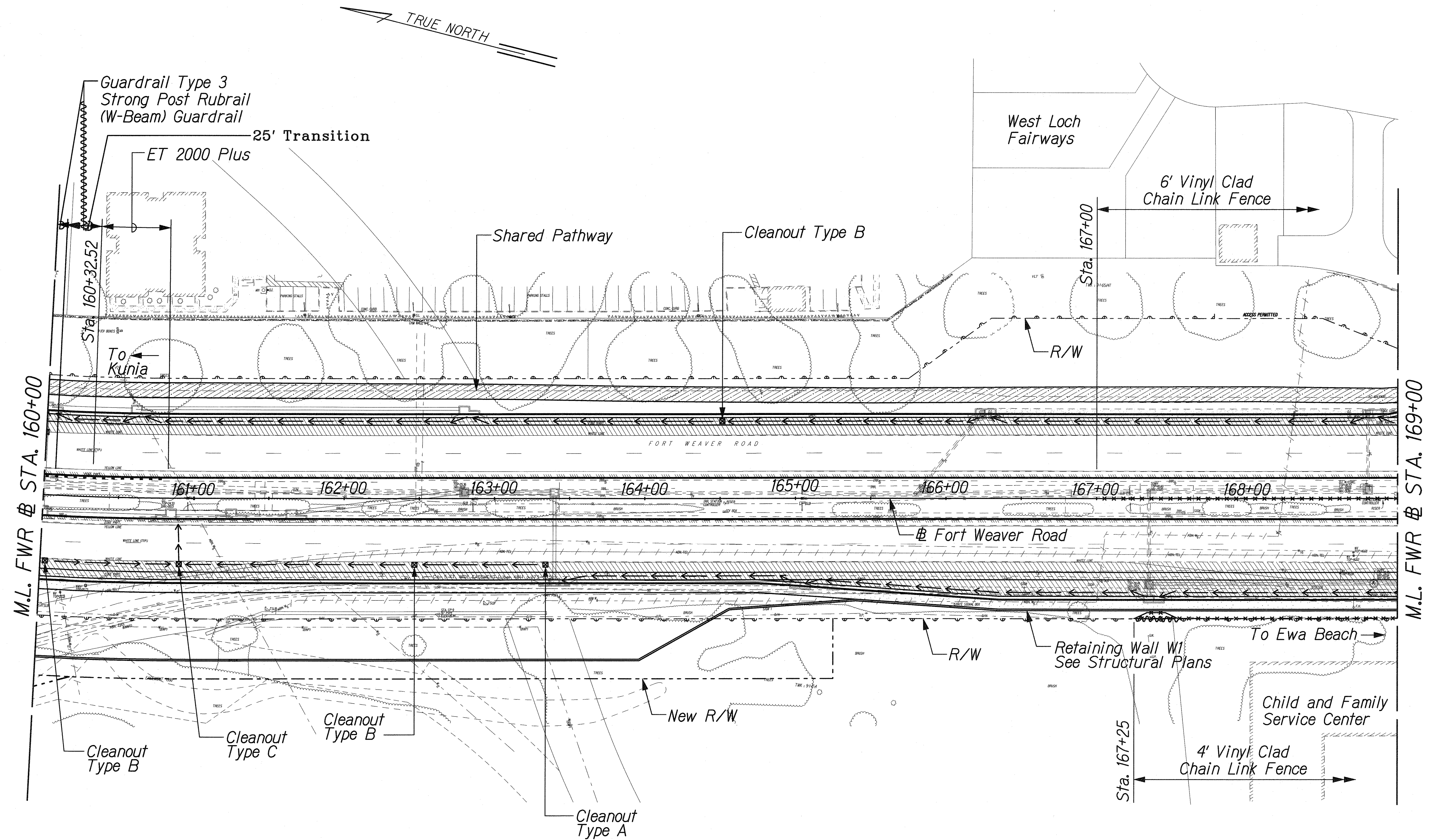
Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. R2-1 OF 79 SHEETS

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

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

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	33	371



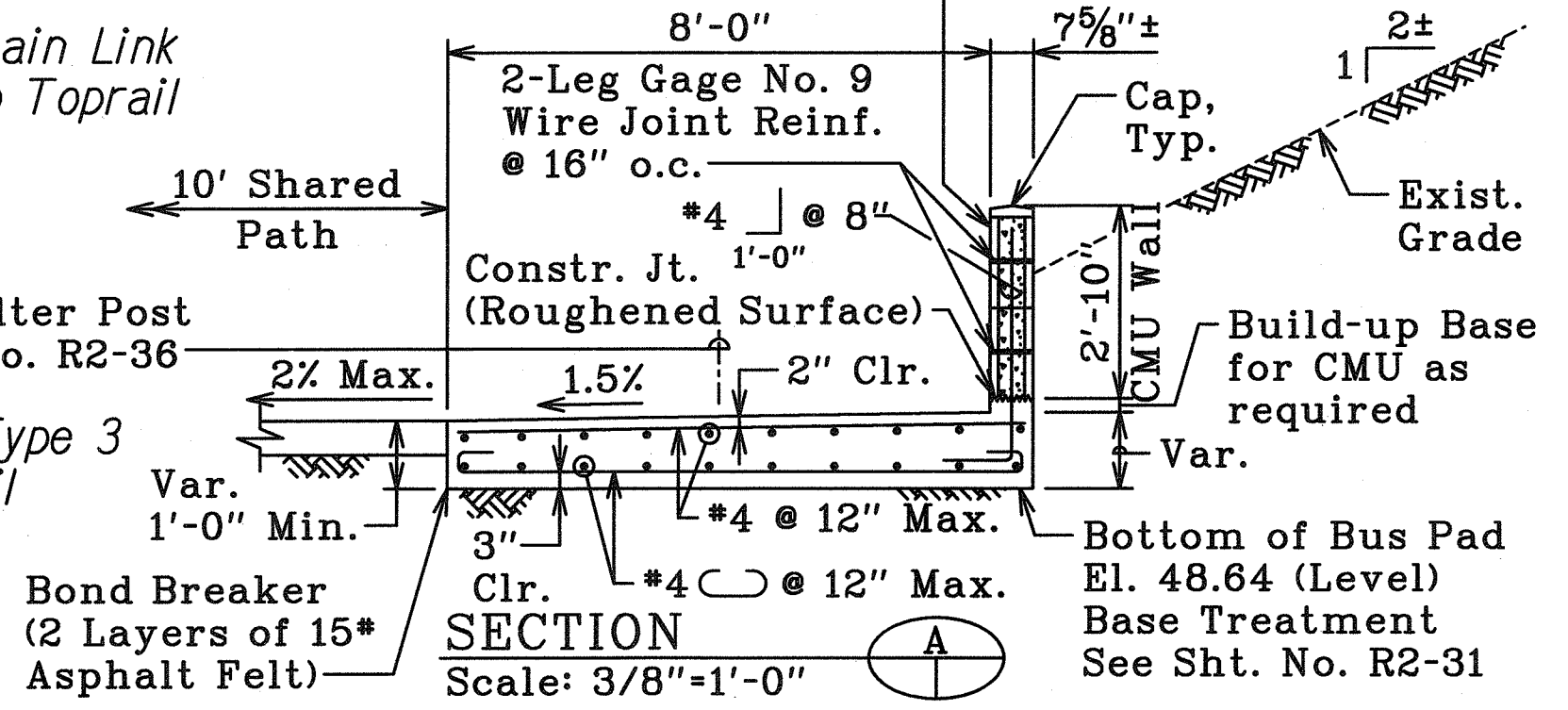
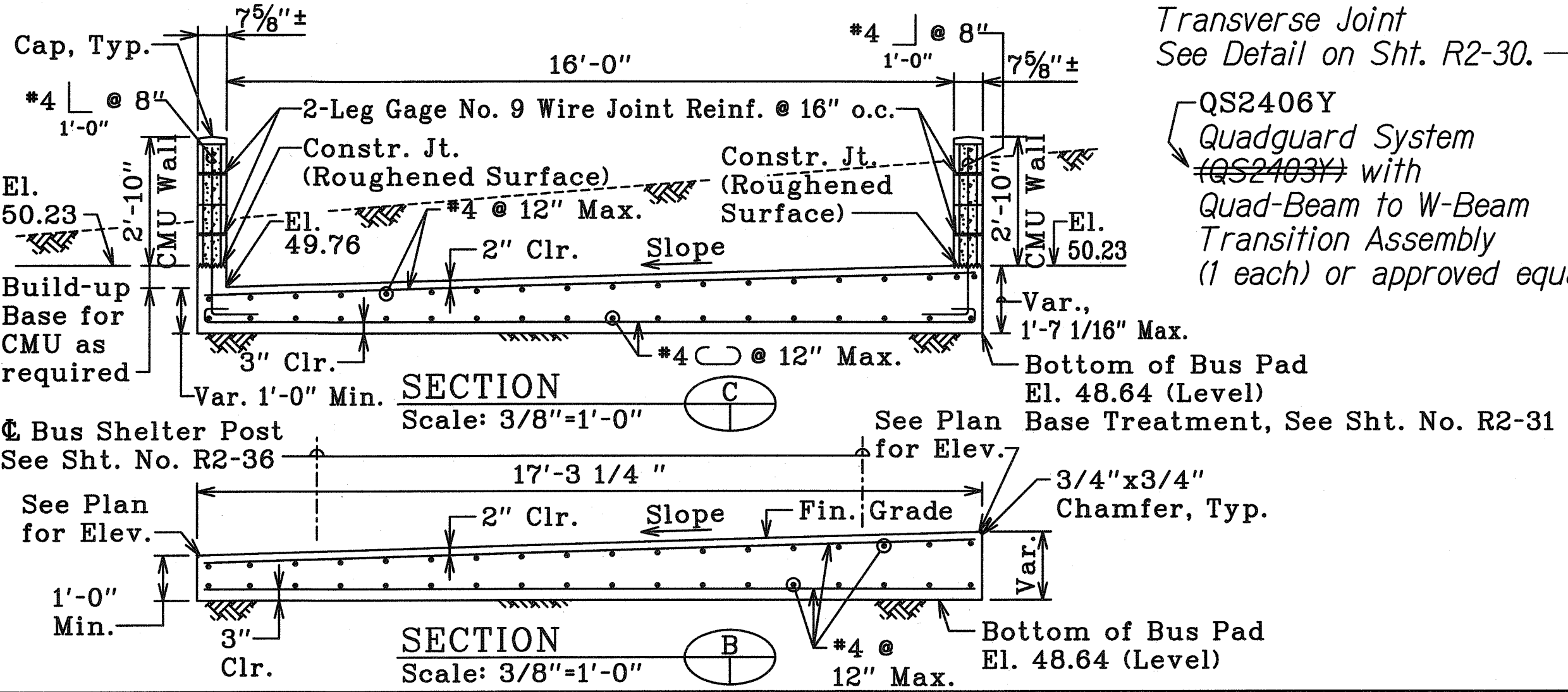
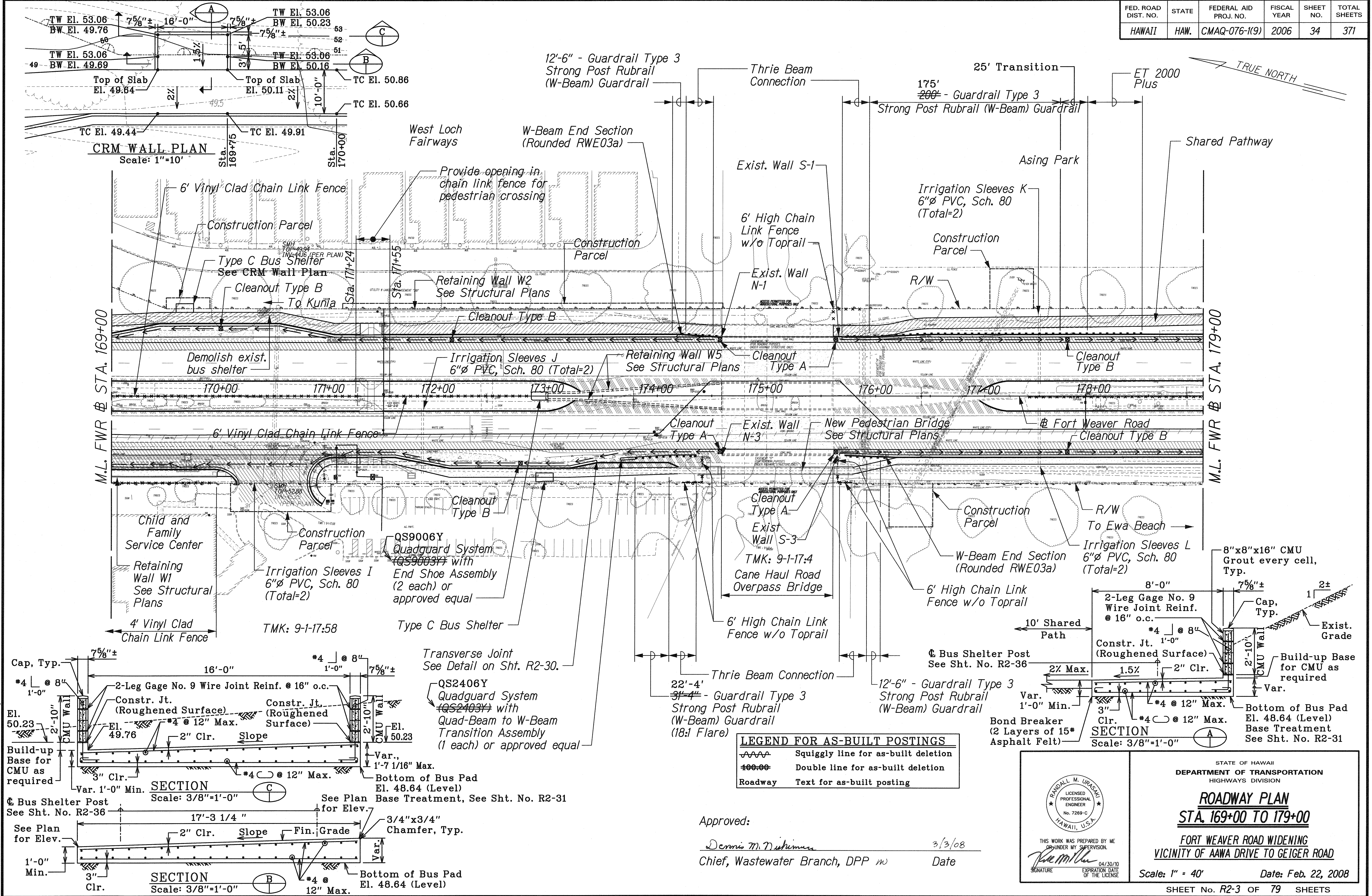
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

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

\\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROAD5.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. <i>R. Uraski</i> SIGNATURE 04/30/10 EXPIRATION DATE OF THE LICENSE	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY 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. R2-2 OF 79 SHEETS
	AS-BUILT
	33

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	34	371



LEGEND FOR AS-BUILT POSTINGS

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

Approved: Dennis M. Nishimura 3/3/08
 Chief, Wastewater Branch, DPP *mn* Date

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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN
STA. 169+00 TO 179+00
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

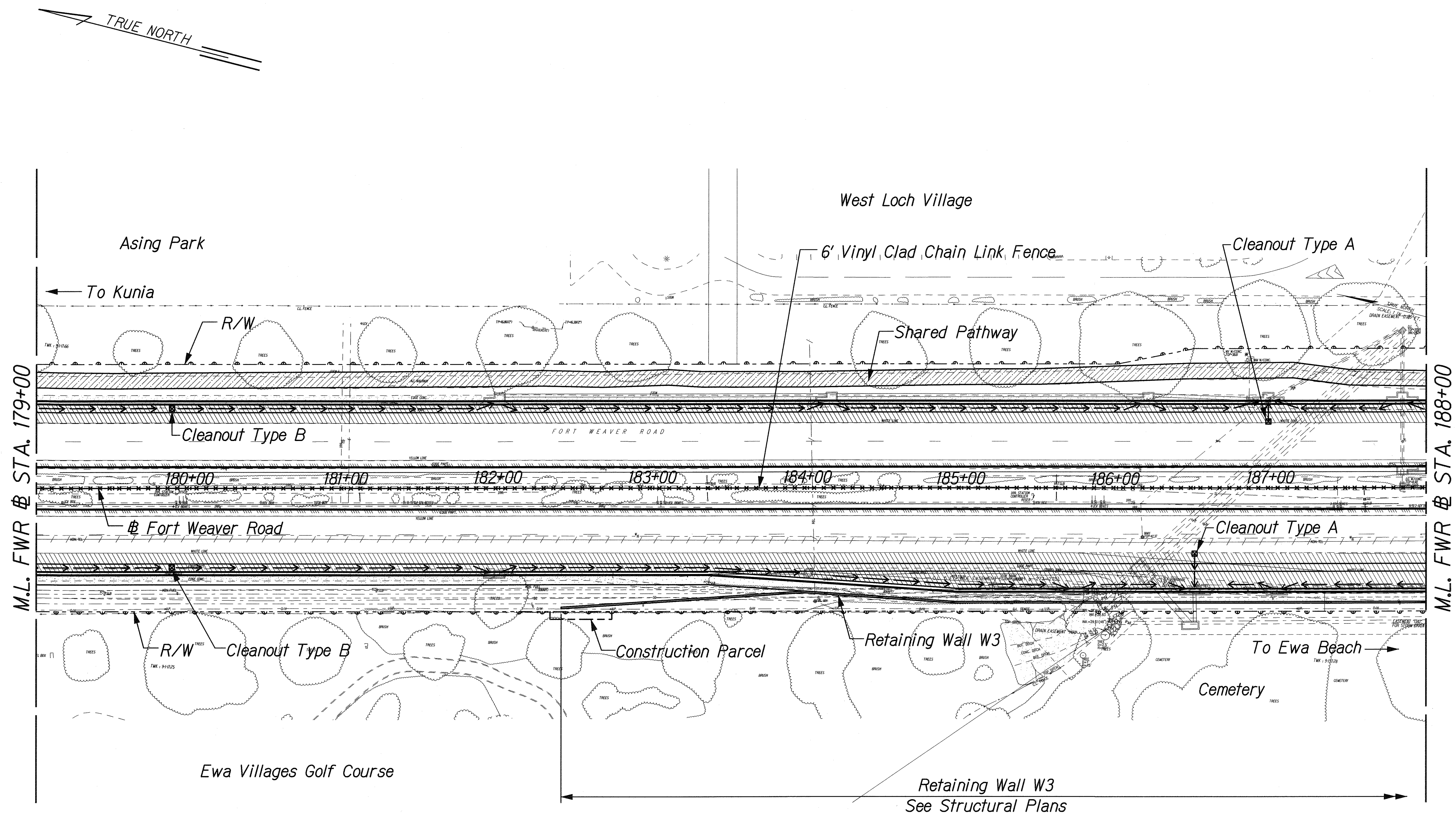
Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. R2-3 OF 79 SHEETS

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

L-1 FORT WEAVER ROAD/PACKAGE 2/ROAD/ROADSECTION

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	35	371



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

L:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROAD7.dgn

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

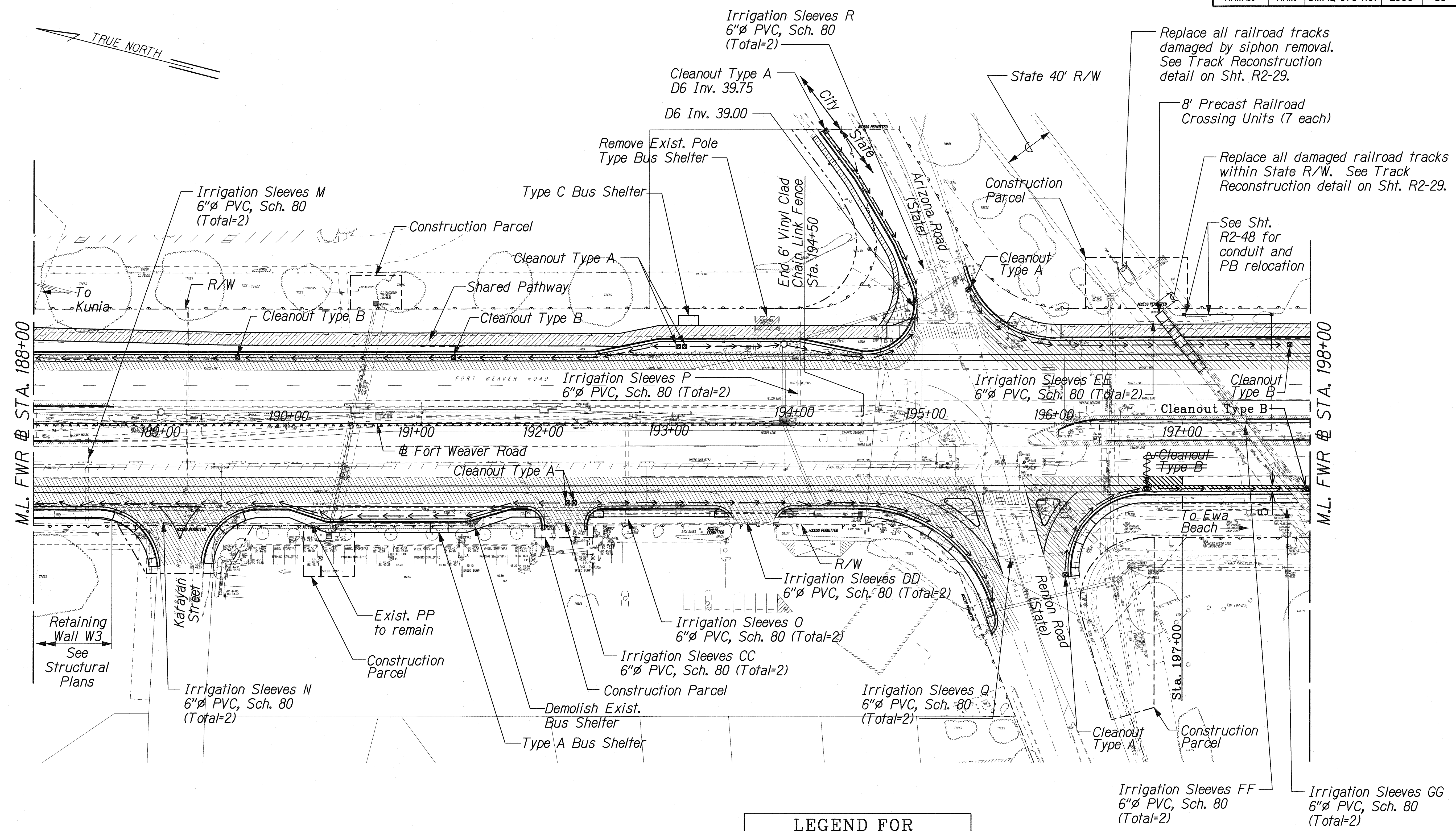
ROADWAY PLAN
STA. 179+00 TO 188+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

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

SHEET No. R2-4 OF 79 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	36	371



**LEGEND FOR
AS-BUILT POSTINGS**

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

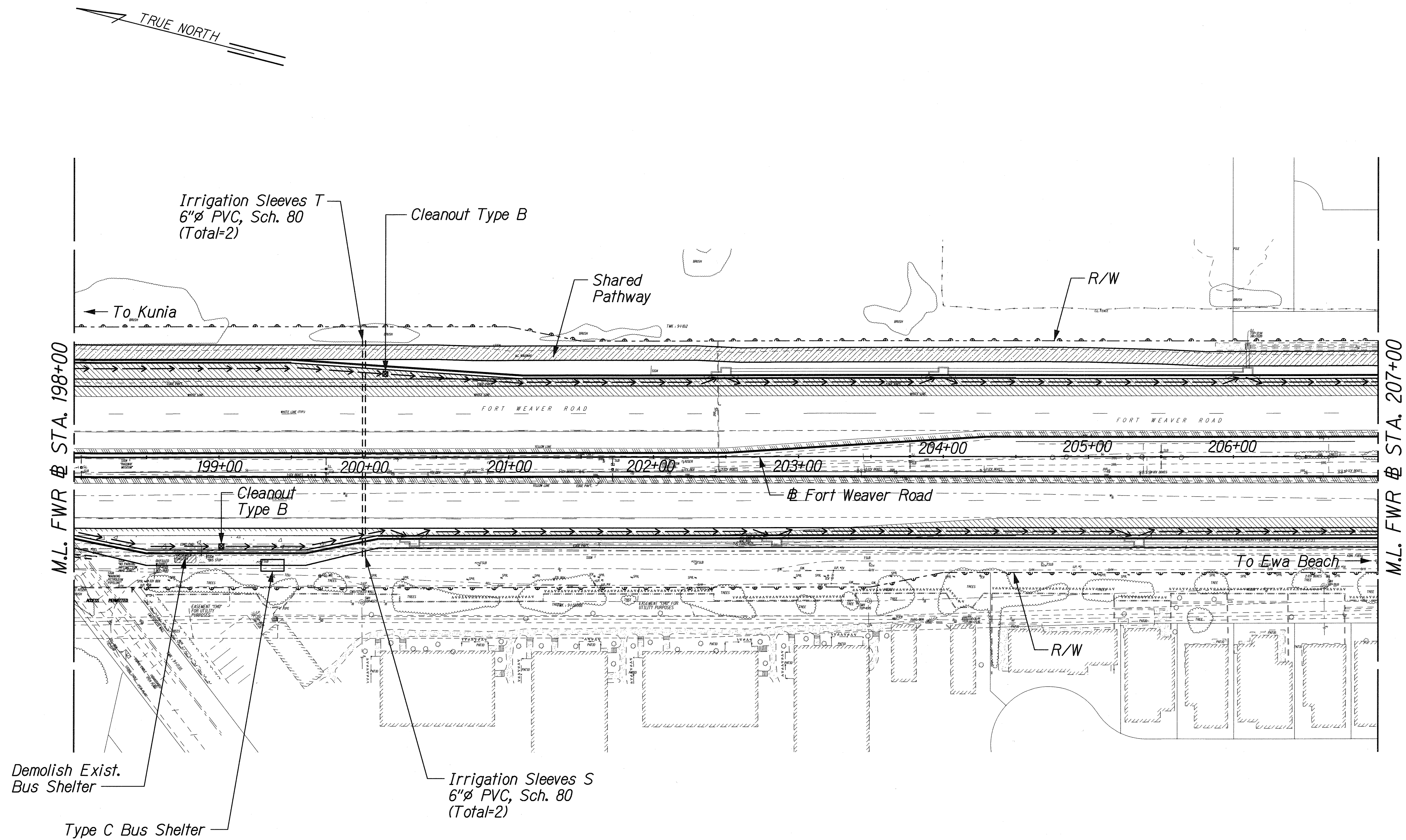
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 SIGNATURE: *R. Urasak* DATE: 04/30/10
 EXPIRATION DATE OF THE LICENSE:

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY 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. R2-5 OF 79 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
CHECKED BY	
No.	

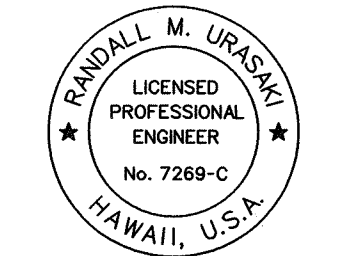
L:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROAD.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	37	371



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

L:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROADS.dgn



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

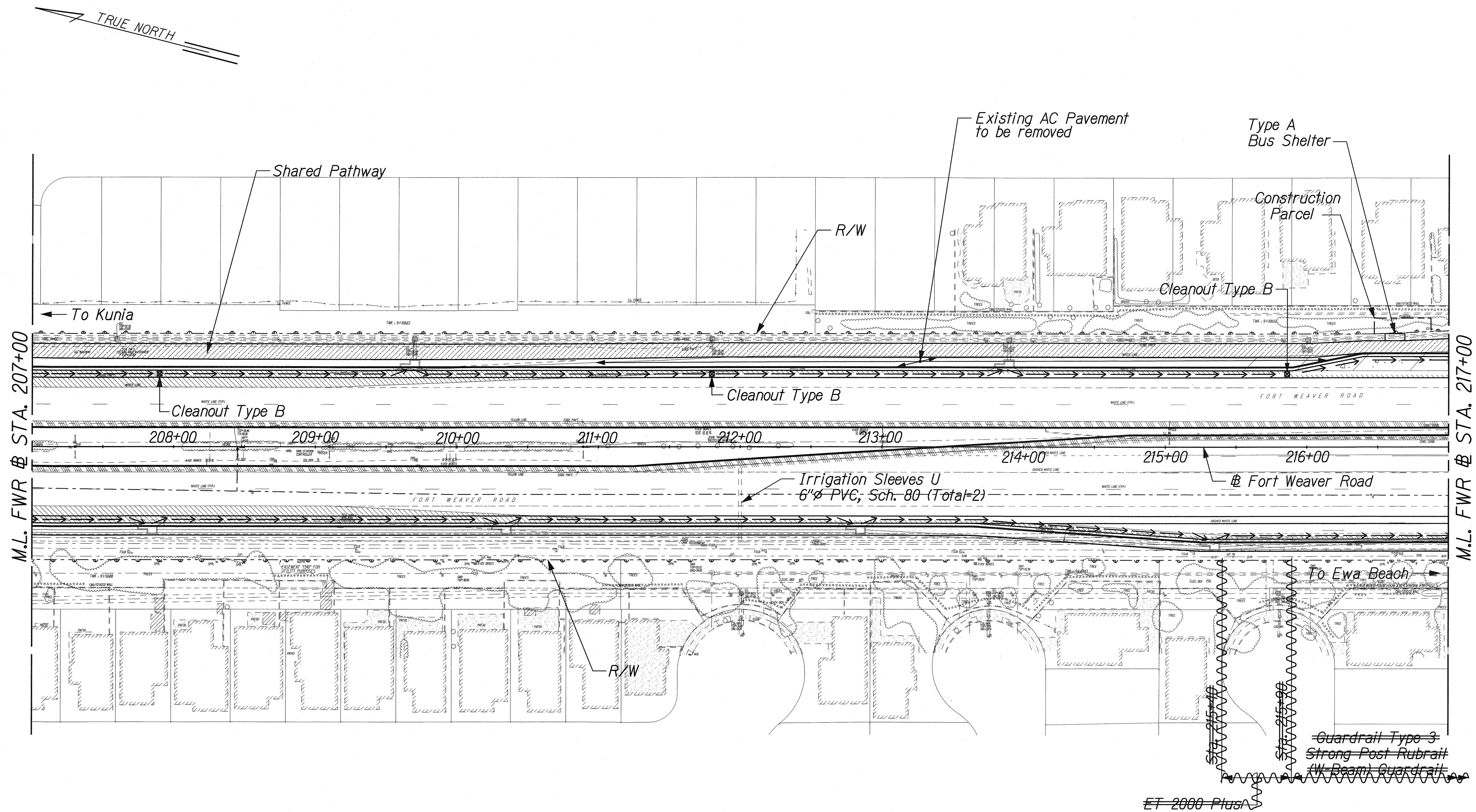
ROADWAY PLAN
STA. 198+00 TO 207+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

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

SHEET No. R2-6 OF 79 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	38	371



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

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

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
STA. 207+00 TO 217+00

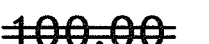
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

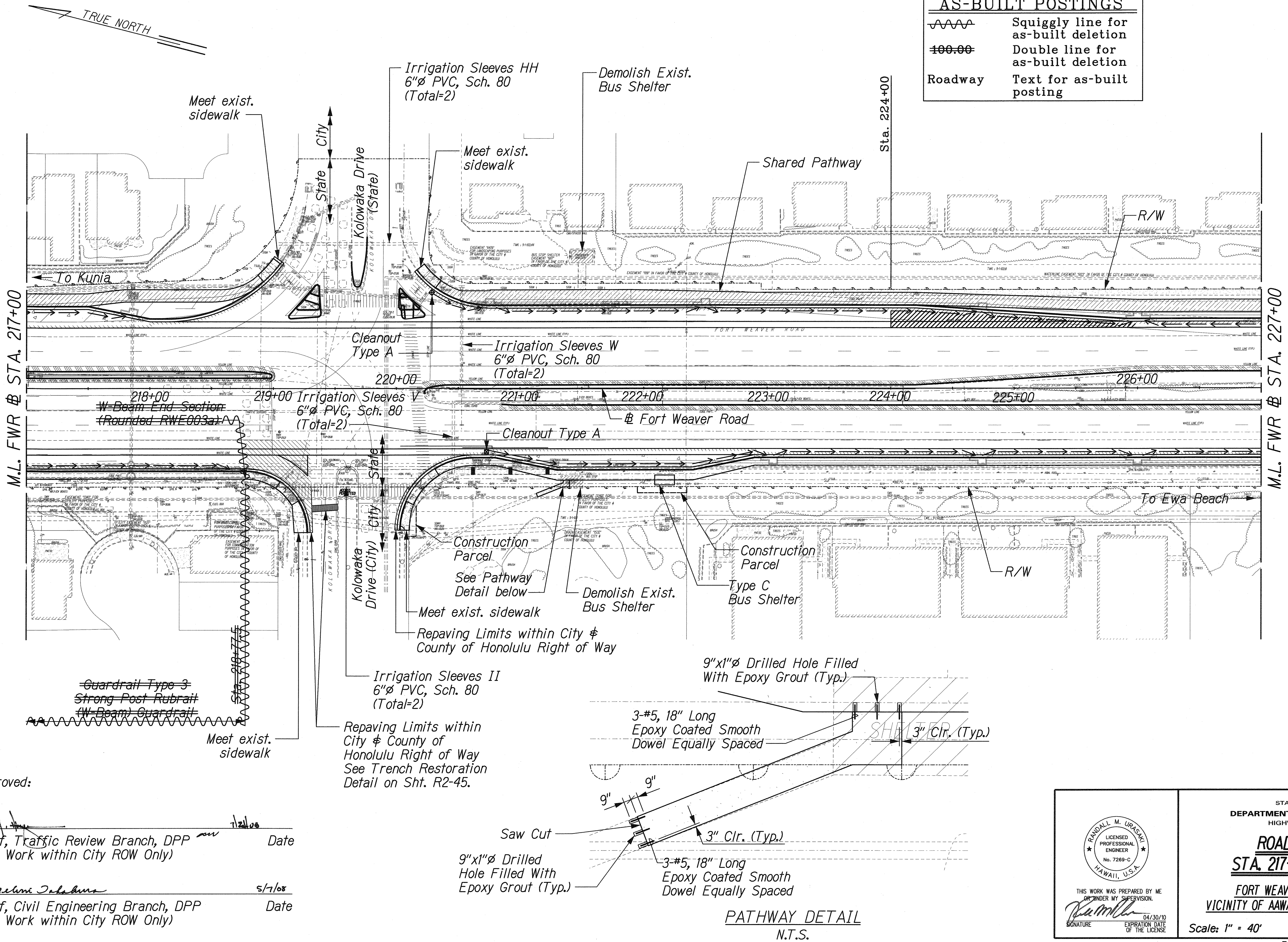
Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. R2-7 OF 79 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	39	371

LEGEND FOR
AS-BUILT POSTINGS

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



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

J:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROAD1.dgn



THIS WORK WAS PREPARED BY ME
 AND UNDER MY SUPERVISION.
 SIGNATURE: *Ra Miller* EXPIRATION DATE OF THE LICENSE: 04/30/10

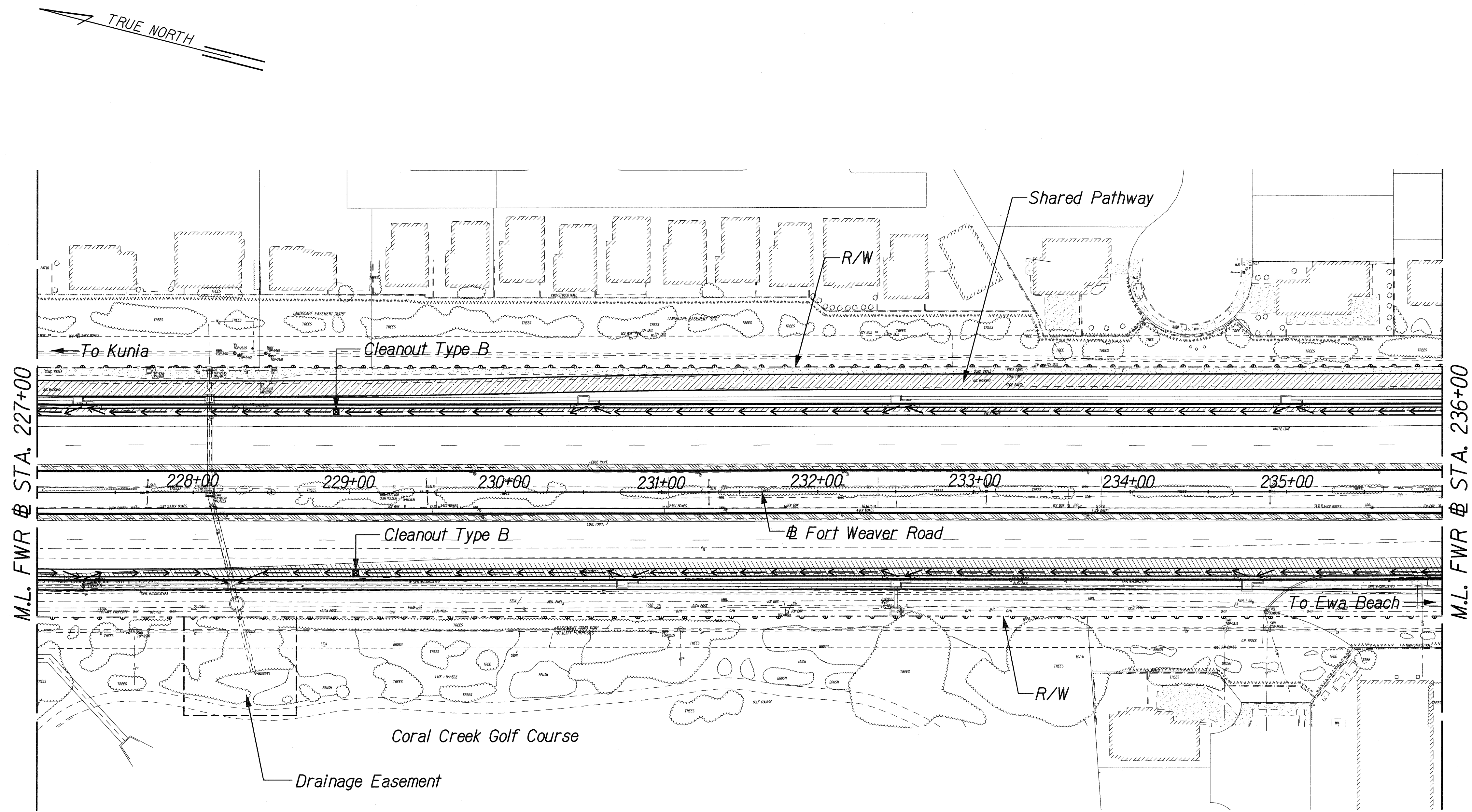
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY 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

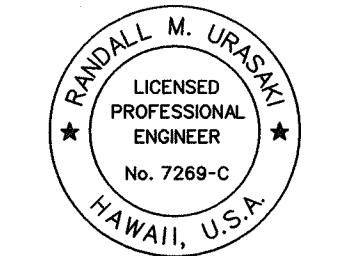
SHEET No. R2-8 OF 79 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	40	371



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

U:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROAD12.dgn



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

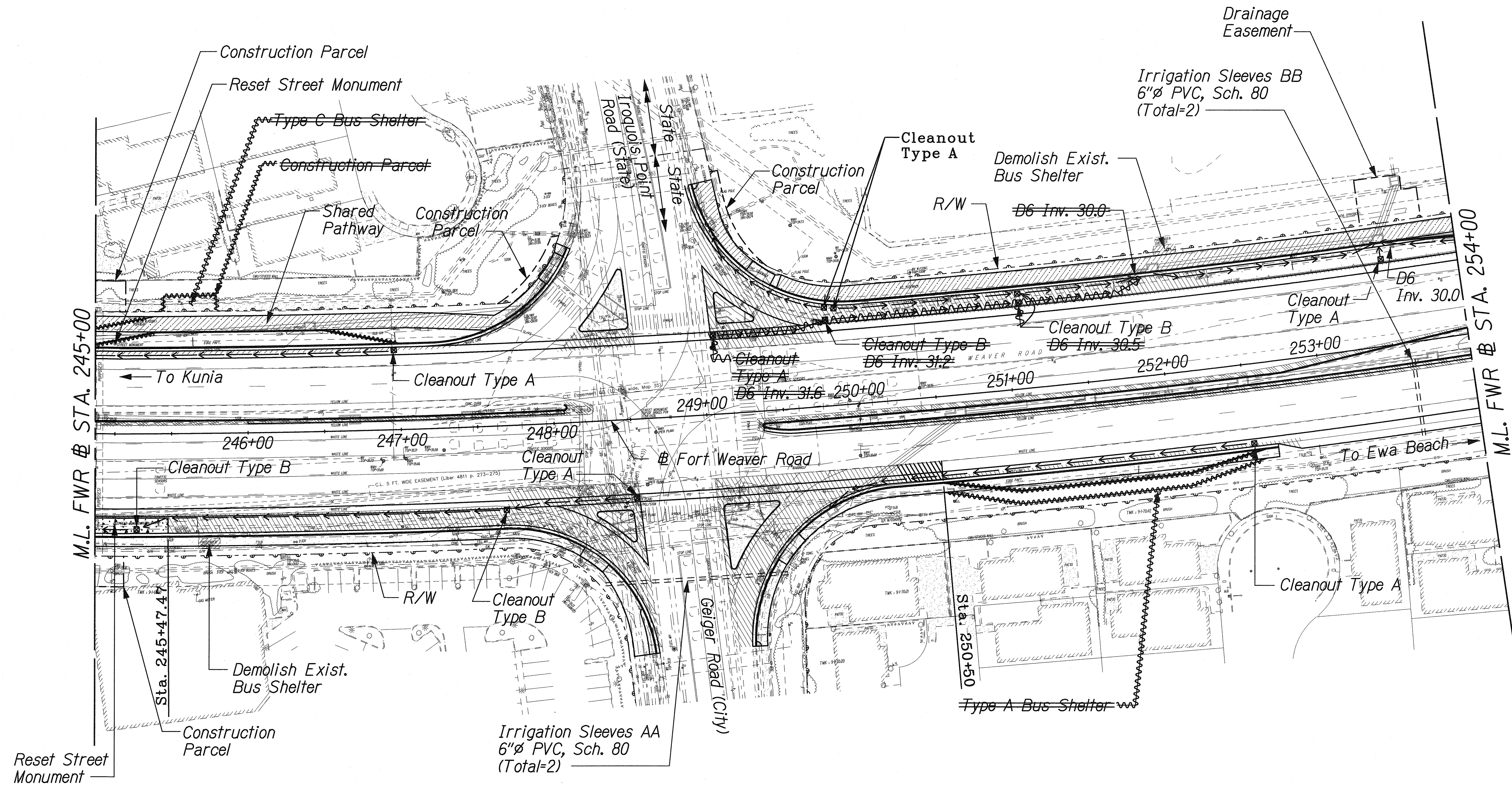
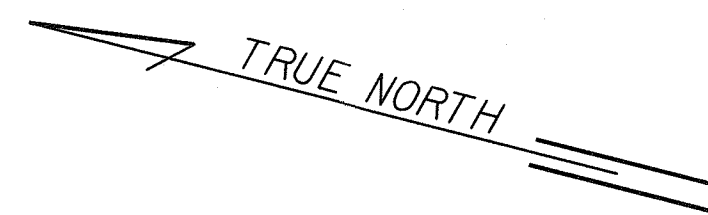
ROADWAY PLAN
STA. 227+00 TO 236+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

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

SHEET No. R2-9 OF 79 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	42	371



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

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AND UNDER MY SUPERVISION.

R. Urakami
SIGNATURE

04/30/10
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
STA. 245+00 TO 254+00

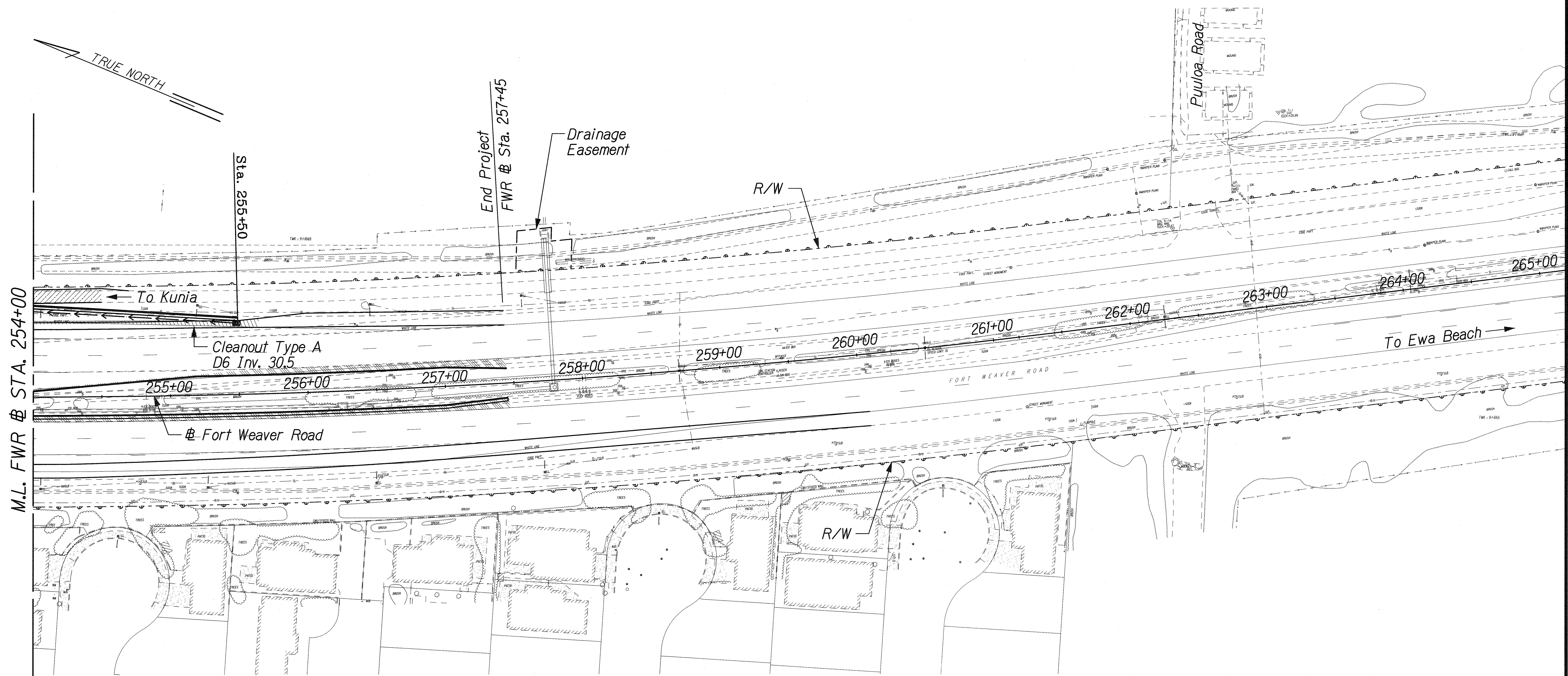
FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

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

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

J:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROAD4.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	43	371



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

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

J:\FORT WEAVER ROAD\PACKAGE 2\ROAD\ROADS.dgn

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OR UNDER MY SUPERVISION.
SIGNATURE: *R. Urasky* 04/30/10
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
STA. 254+00 TO 263+00

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

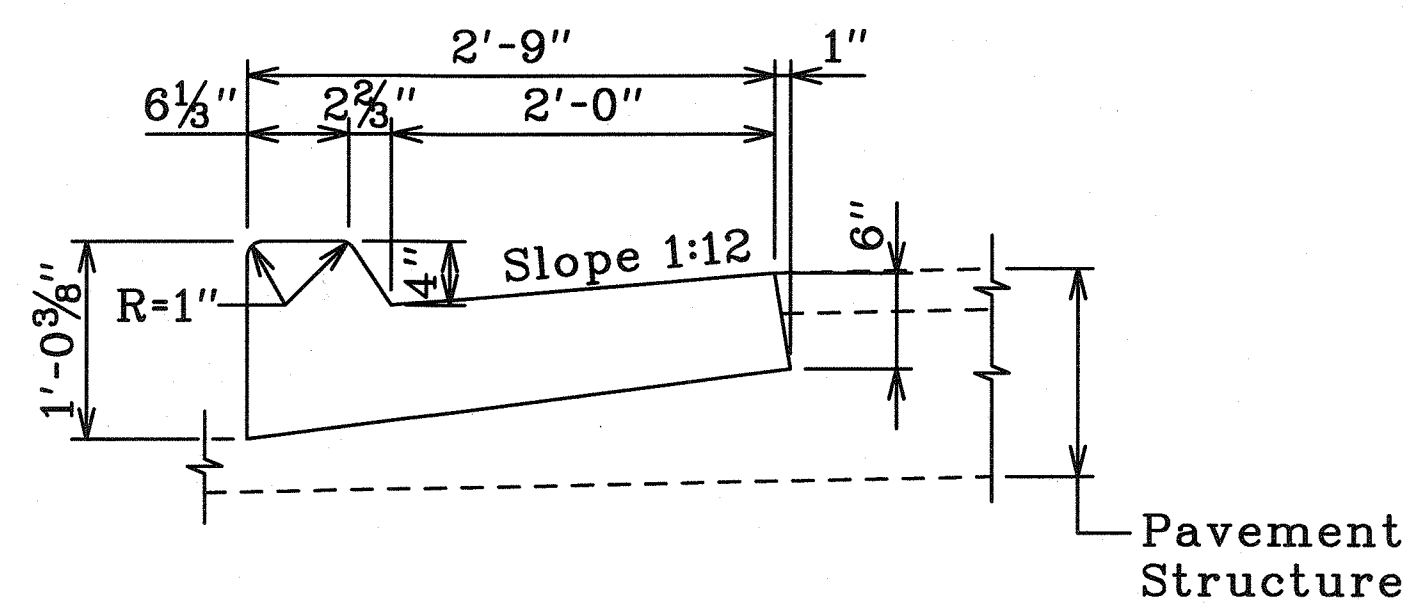
Scale: 1" = 40' Date: Feb. 22, 2008

SHEET No. R2-12 OF 79 SHEETS

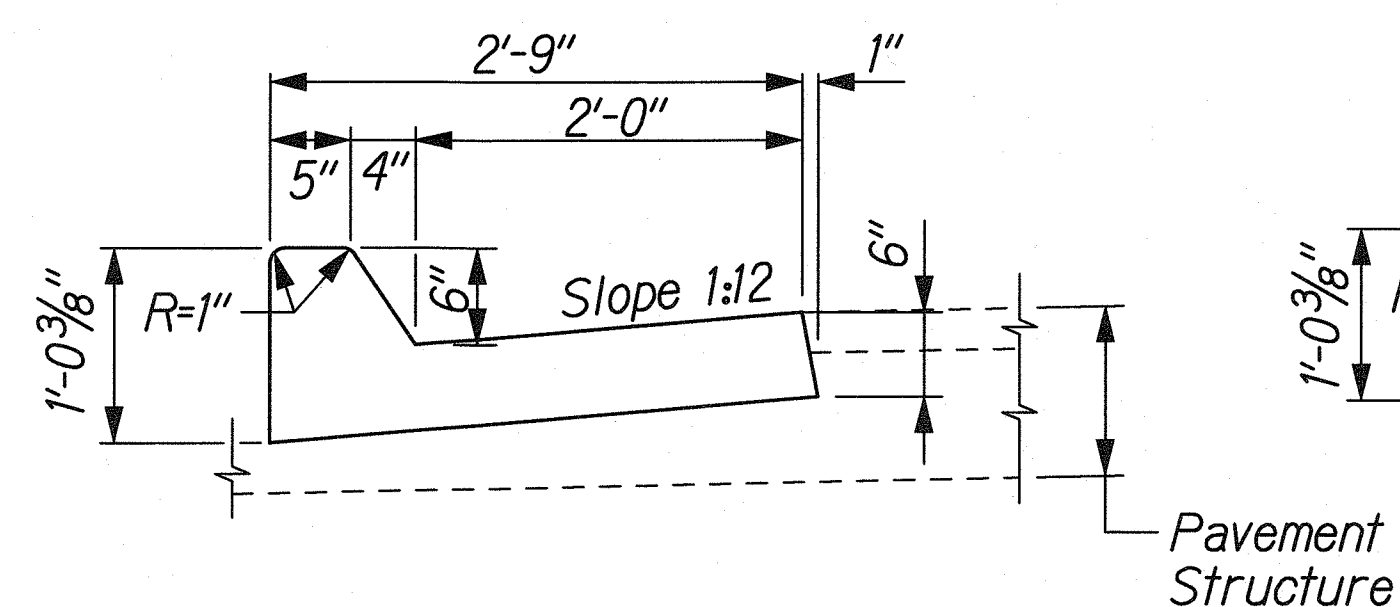
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	45	371

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

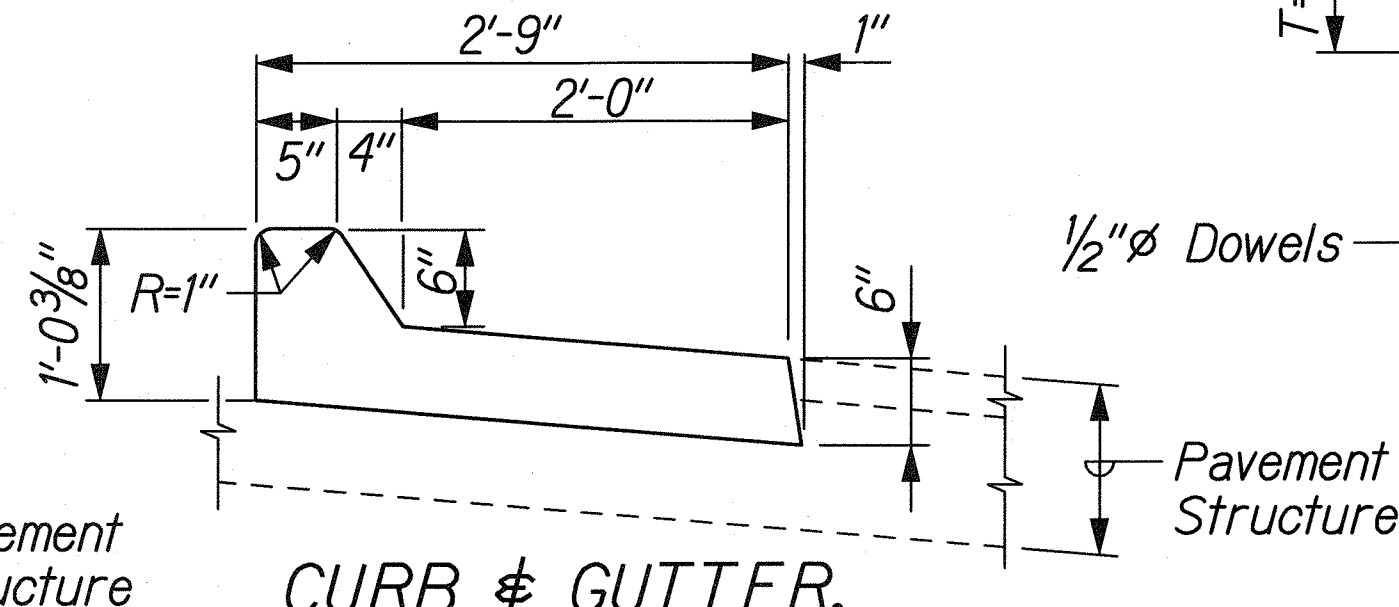
- NOTES:**
1. Cast-In-Place P.C.C. Gutters shall be longitudinal broom finished.
 2. The top of all types of concrete curbs, including driveway curbs shall be longitudinally broom finished.
 3. Concrete shall be Class A.
 4. In case construction joint is selected per Special Provisions Subsection 609.03(B)(9), provide details as shown on Standard Plan D-04, dated 07/01/86.



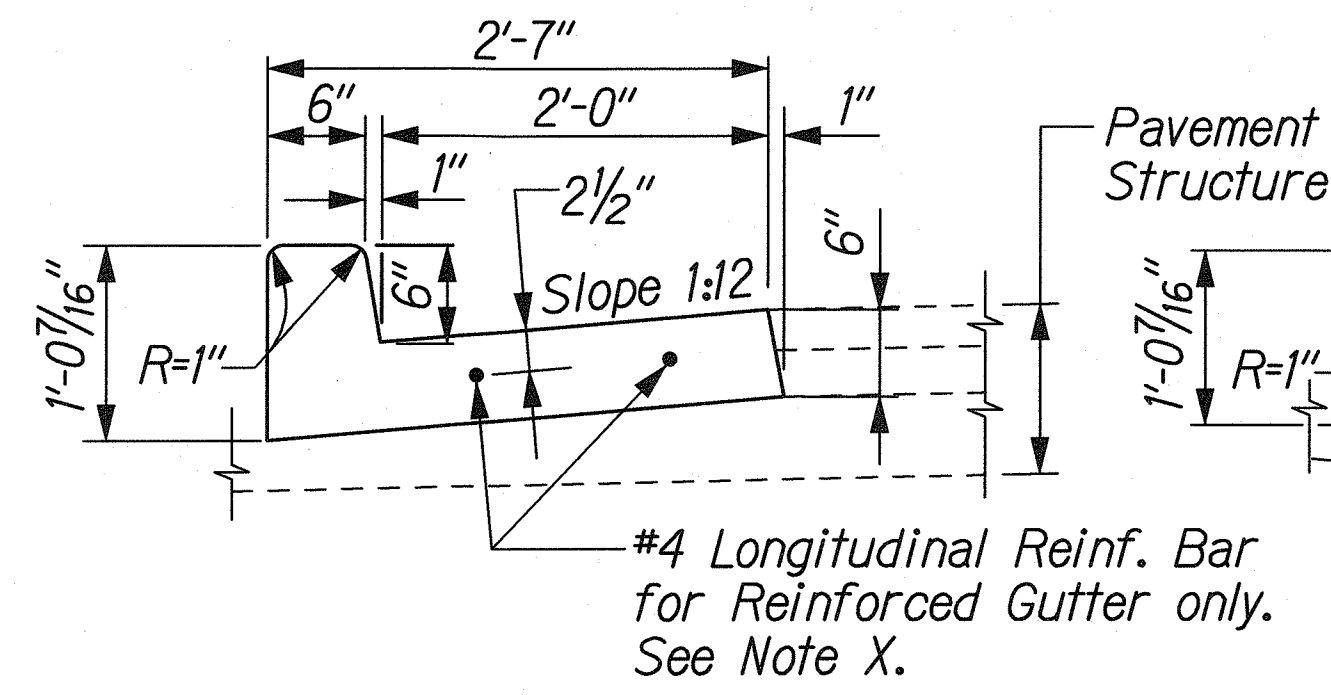
CURB & GUTTER, TYPE 2AG4



CURB & GUTTER, TYPE 2AG



CURB & GUTTER, TYPE 2AG (MODIFIED)

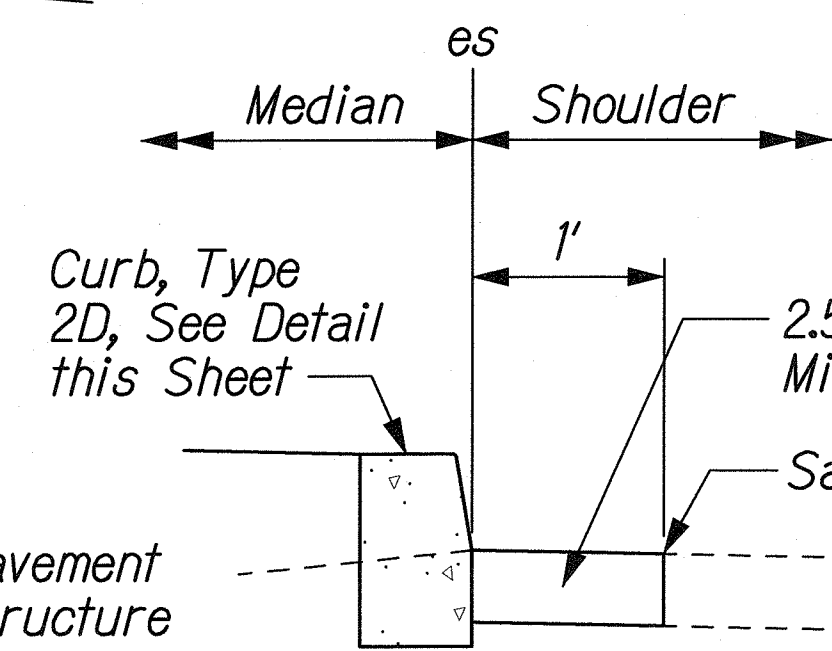


CURB & GUTTER, TYPE 2DG

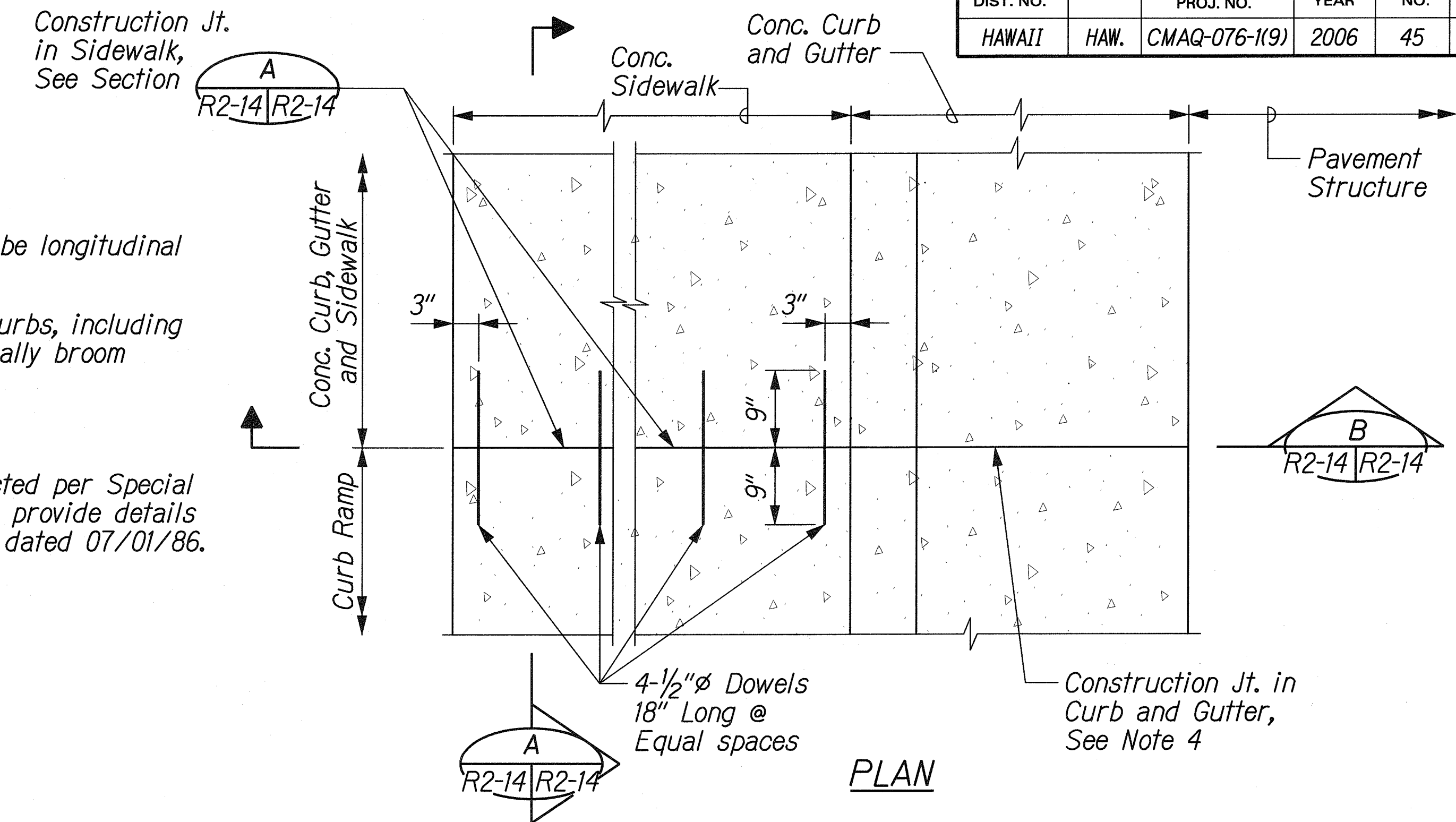
CAST-IN-PLACE CONCRETE CURBS AND/OR GUTTERS
Not to Scale

CURB & GUTTER, TYPE 2DG (MODIFIED)

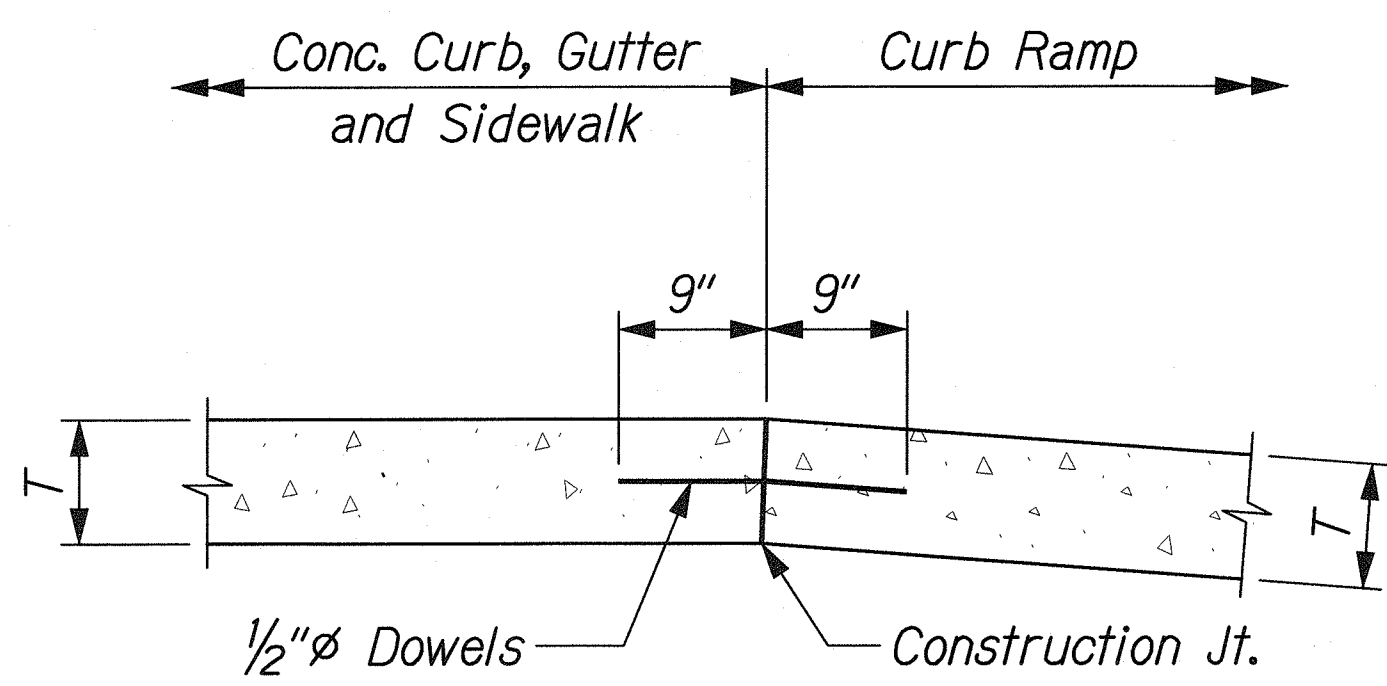
NOTE X:
Provide #4 longitudinal rebars as shown in the reinforced gutter required at the vicinity of bus pad shown on Sht. R2-30.



DETAIL B
NTS



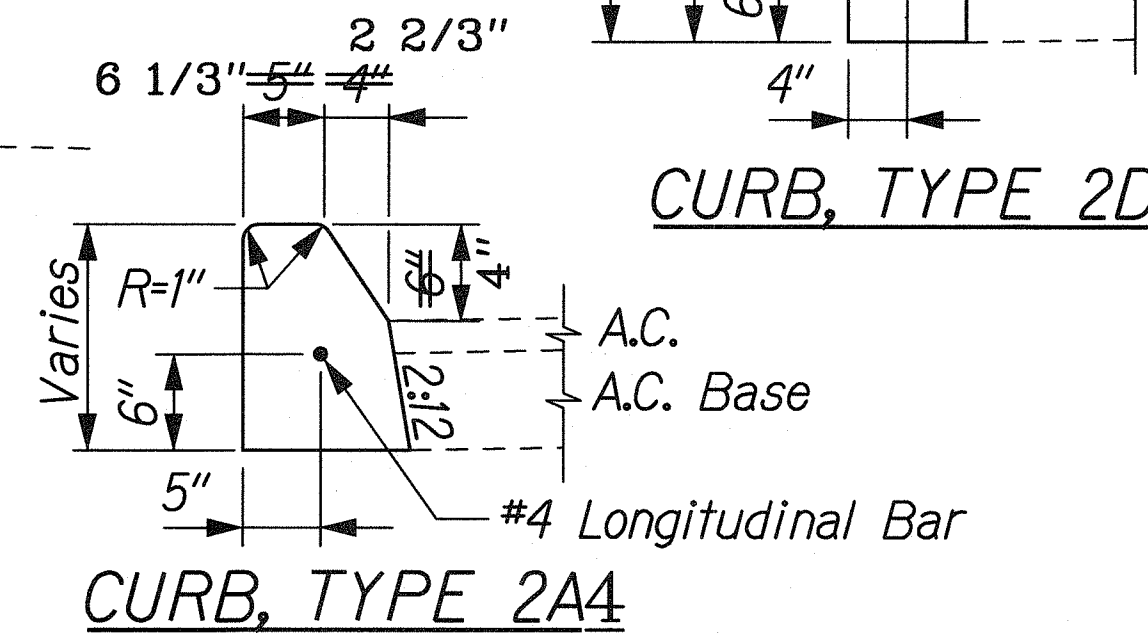
PLAN



LONGITUDINAL SECTION
Scale: NTS

CURB RAMP CONNECTION

Not to Scale



CURB, TYPE 2D

CURB, TYPE 2A4

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SIGNATURE: *[Signature]* EXPIRATION DATE OF THE LICENSE: 04/30/10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

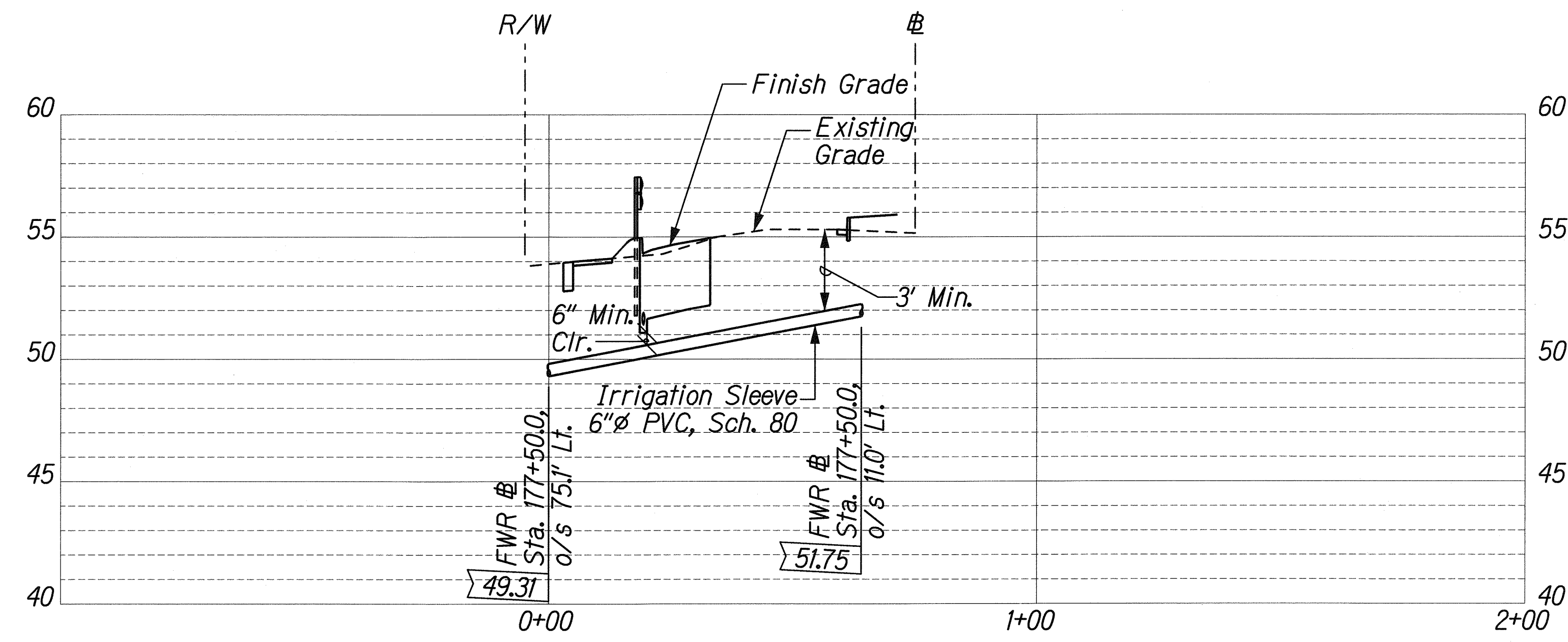
**ROADWAY CONSTRUCTION
CURB & GUTTER DETAILS**

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: None Date: Feb. 22, 2008

SHEET No. R2-14 OF 79 SHEETS

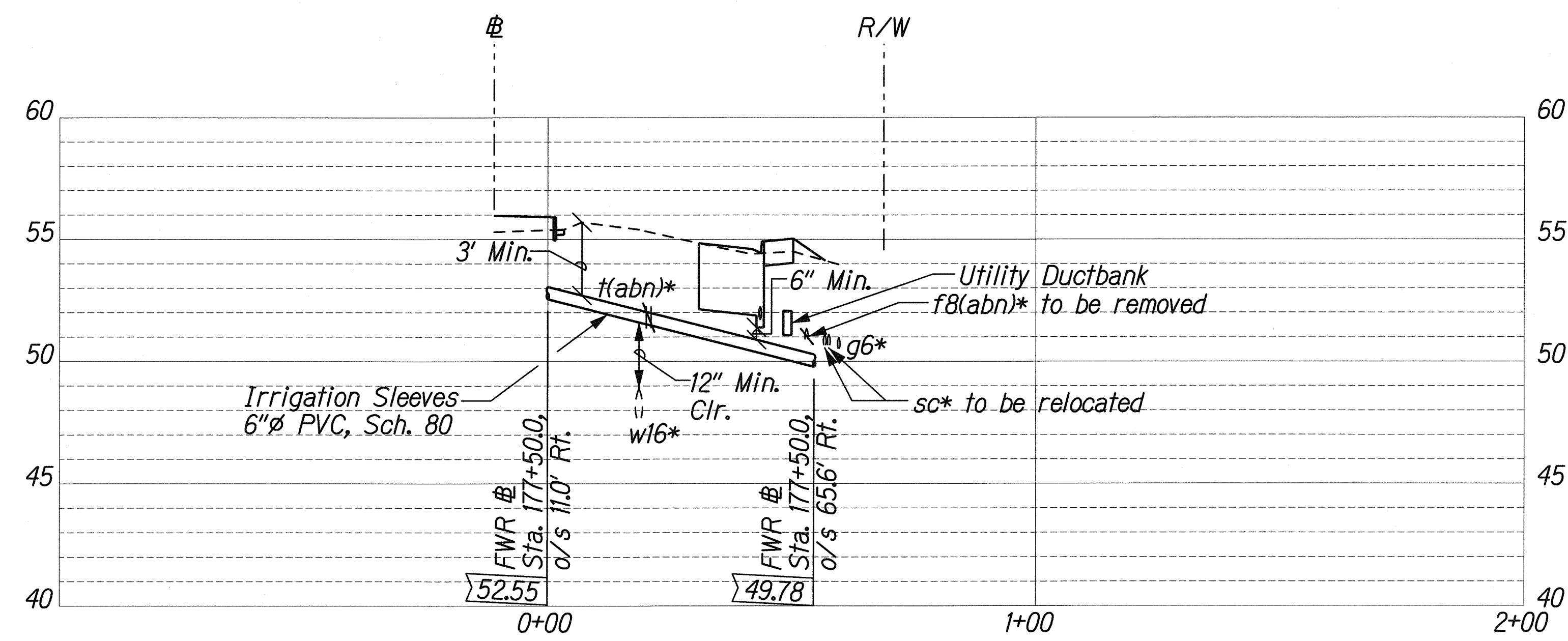
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	47	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES K
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES L
Scale: Horiz. 1"=20'
Vert. 1"=4'

SURVEY PLOTTED BY	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
NO.	

L:\FORT WEAVER ROAD\PACKAGE2\IRRIGATION\IRRI6-PROF2.dgn

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OR UNDER MY SUPERVISION.
SIGNATURE: *R. Uraski* EXPIRATION DATE OF LICENSE: 04/30/10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

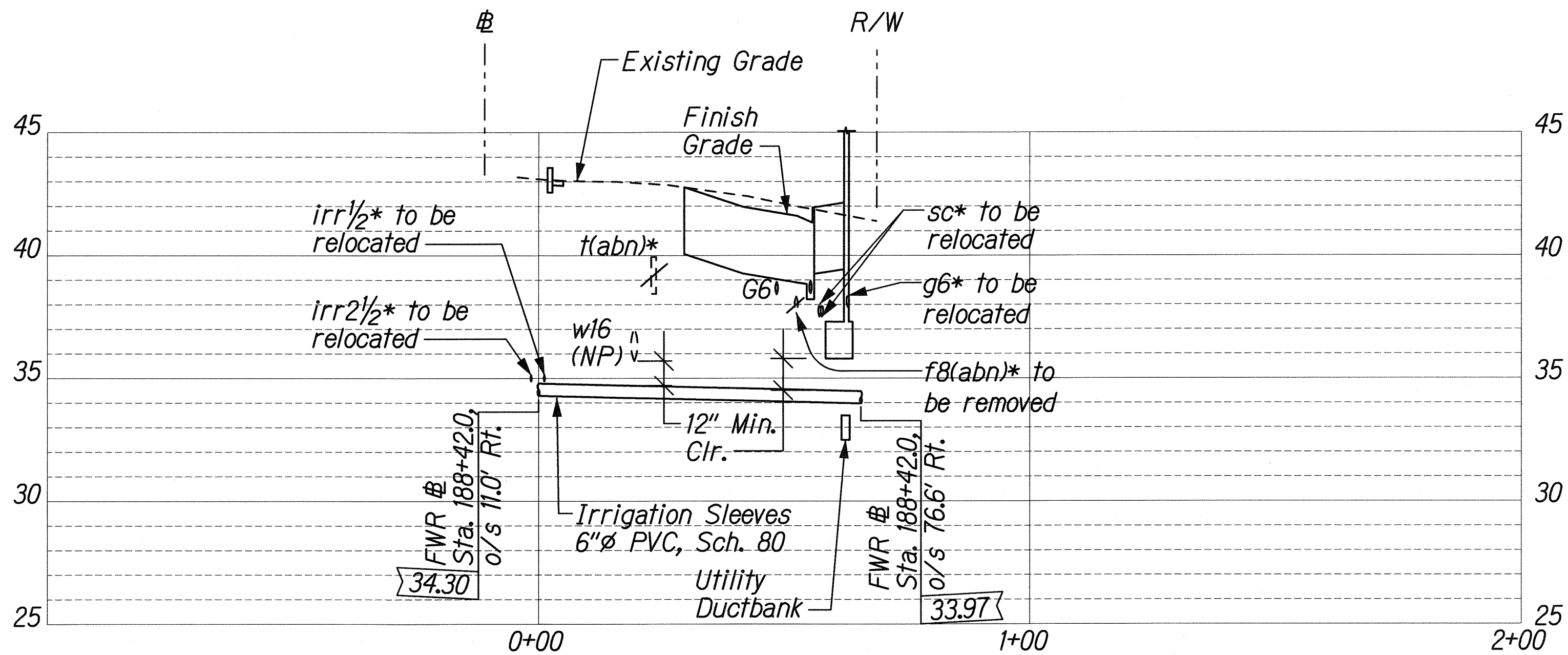
IRRIGATION PROFILE - 2

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

SHEET No. R2-16 OF 79 SHEETS

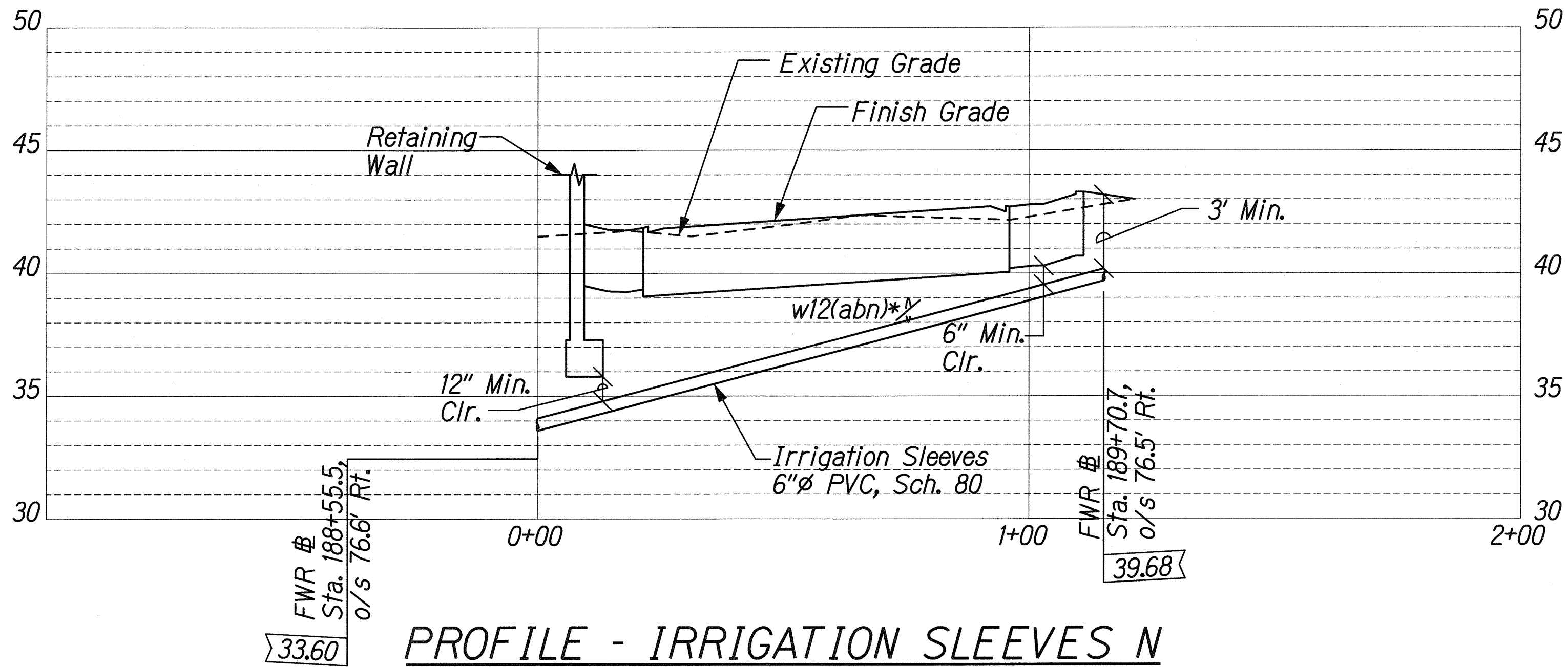
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	48	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES M
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES N
Scale: Horiz. 1"=20'
Vert. 1"=4'

DESIGNED BY	DATE
TRACED BY	
NOTE BOOK	
CHECKED BY	
N.	

48 FORT WEAVER ROAD/PACKAGE2/IRRIGATION/IRRG-PROF-3.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *[Signature]* EXPIRATION DATE OF THE LICENSE: 04/30/10

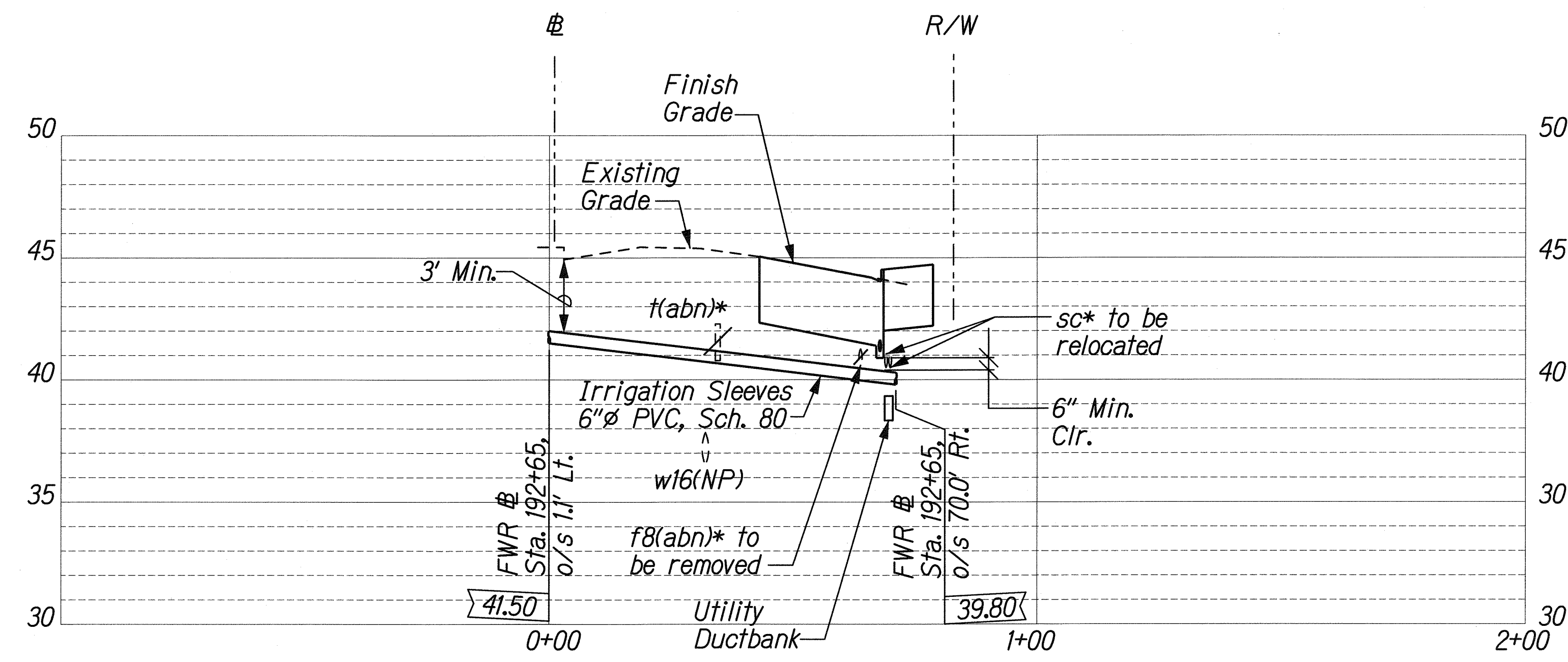
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 3

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

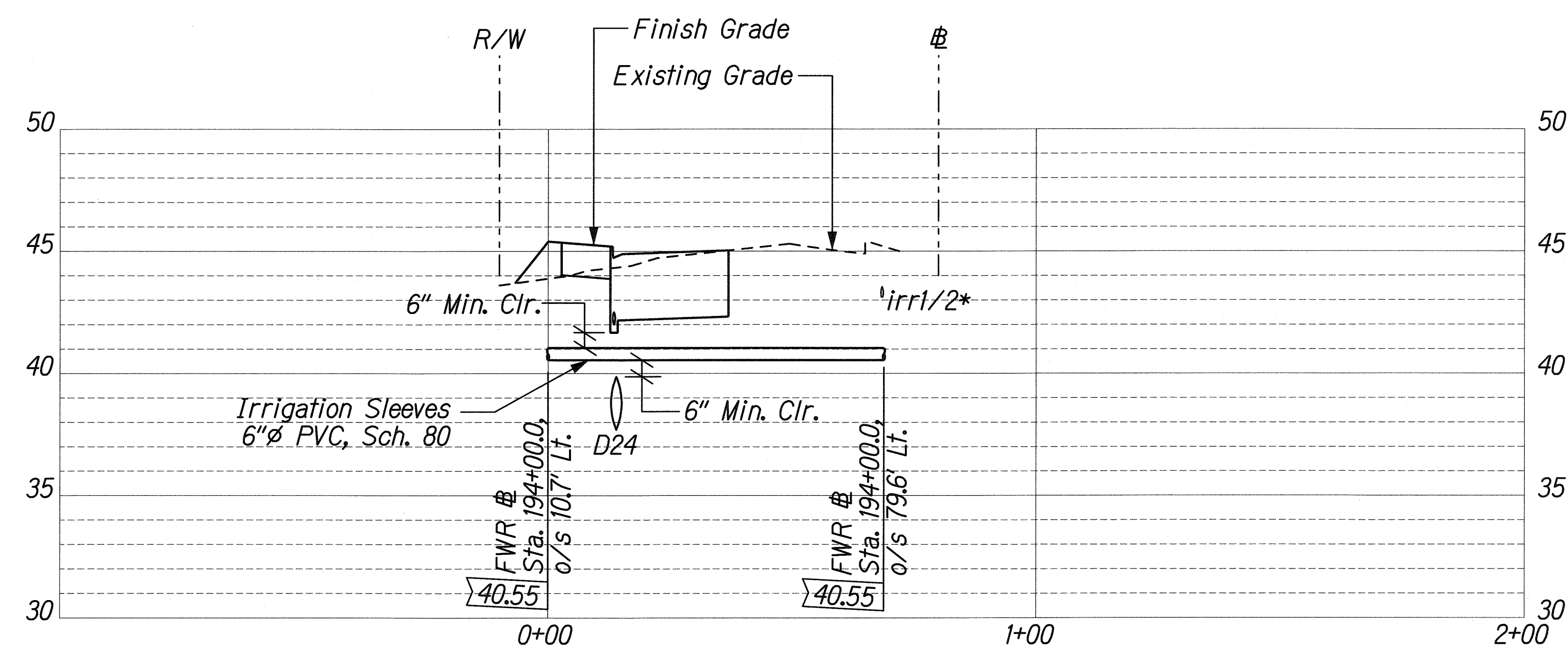
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	49	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES O
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES P
Scale: Horiz. 1"=20'
Vert. 1"=4'

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

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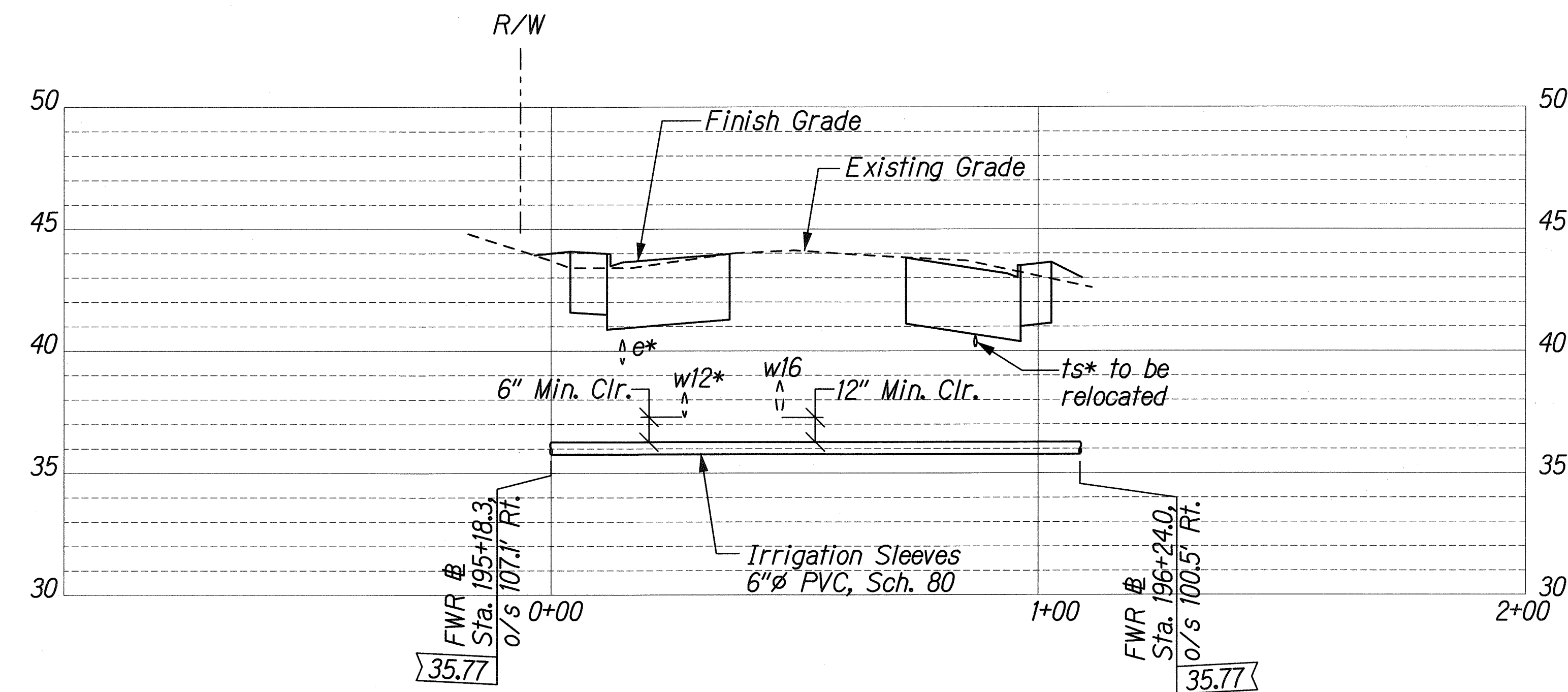
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 4

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

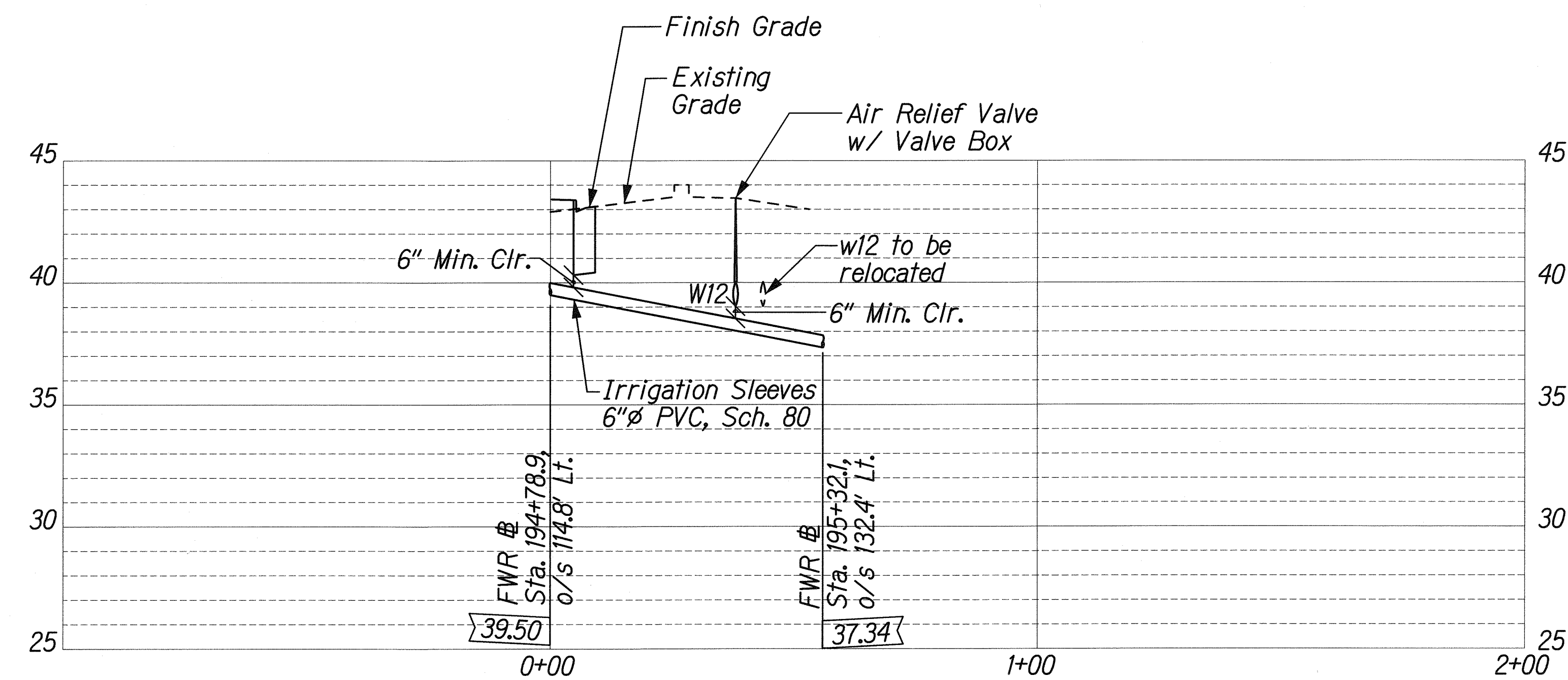
Scale: As Shown Date: Feb. 22, 2008

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	50	371



PROFILE - IRRIGATION SLEEVES Q

Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES R

Scale: Horiz. 1"=20'
Vert. 1"=4'

NOTE:

See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:

* Assumed Utility Depth

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

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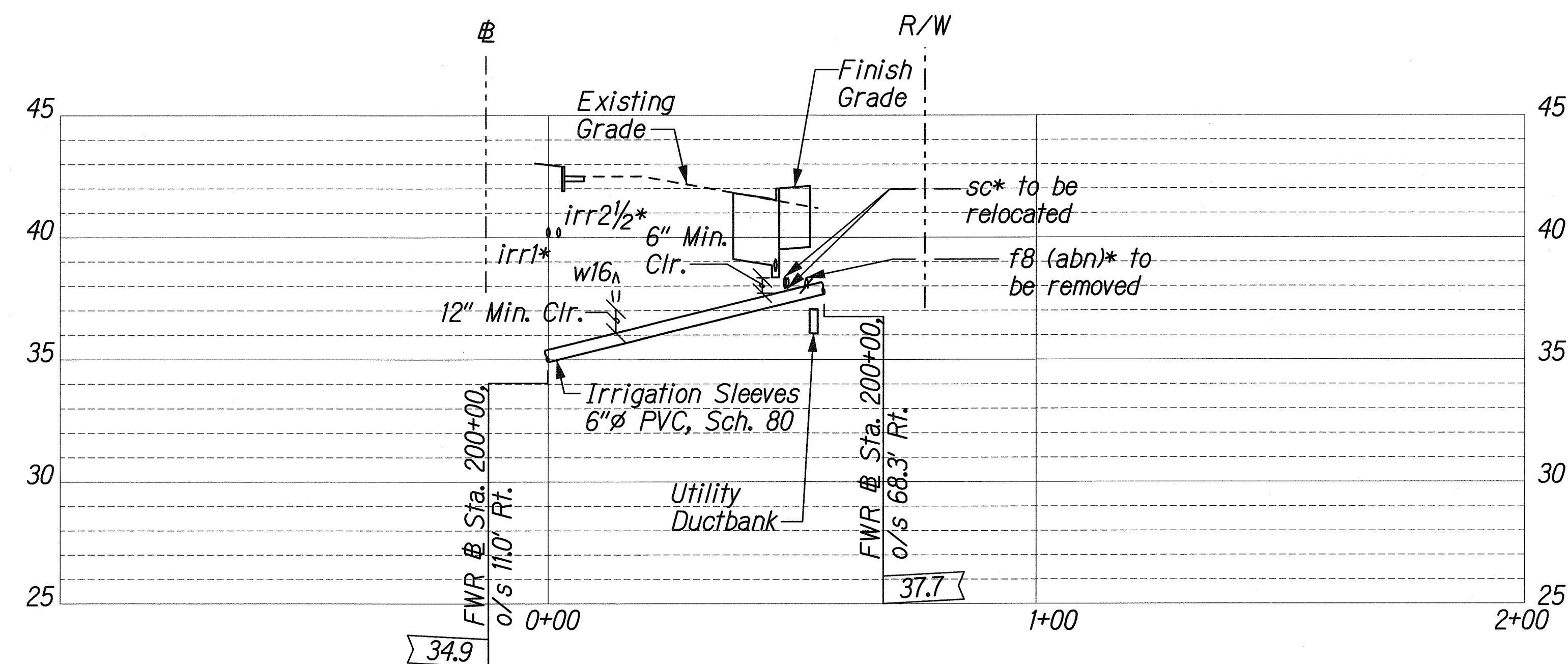
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 5

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

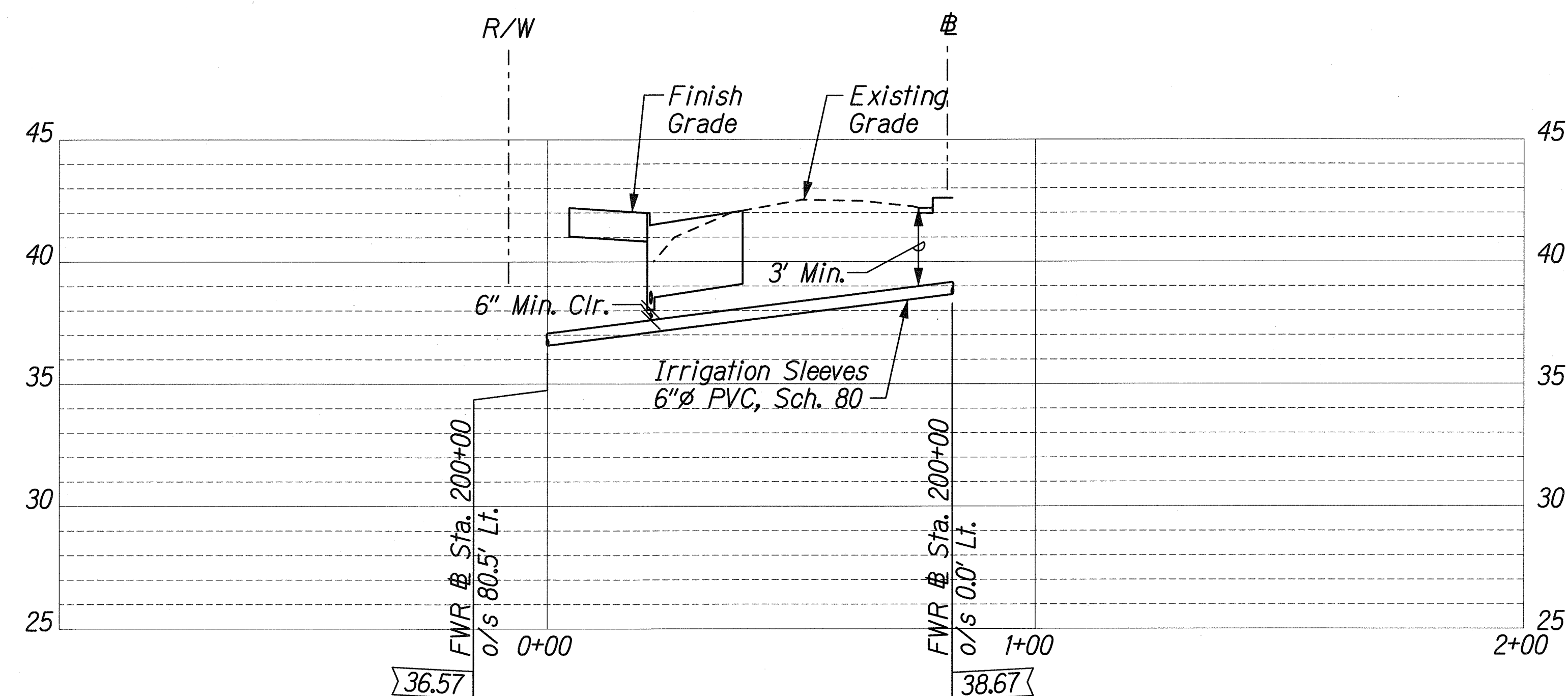
Scale: As Shown Date: Feb. 22, 2008

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	51	371



PROFILE - IRRIGATION SLEEVES S

Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES T

Scale: Horiz. 1"=20'
Vert. 1"=4'

NOTE:

See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:

* Assumed Utility Depth

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

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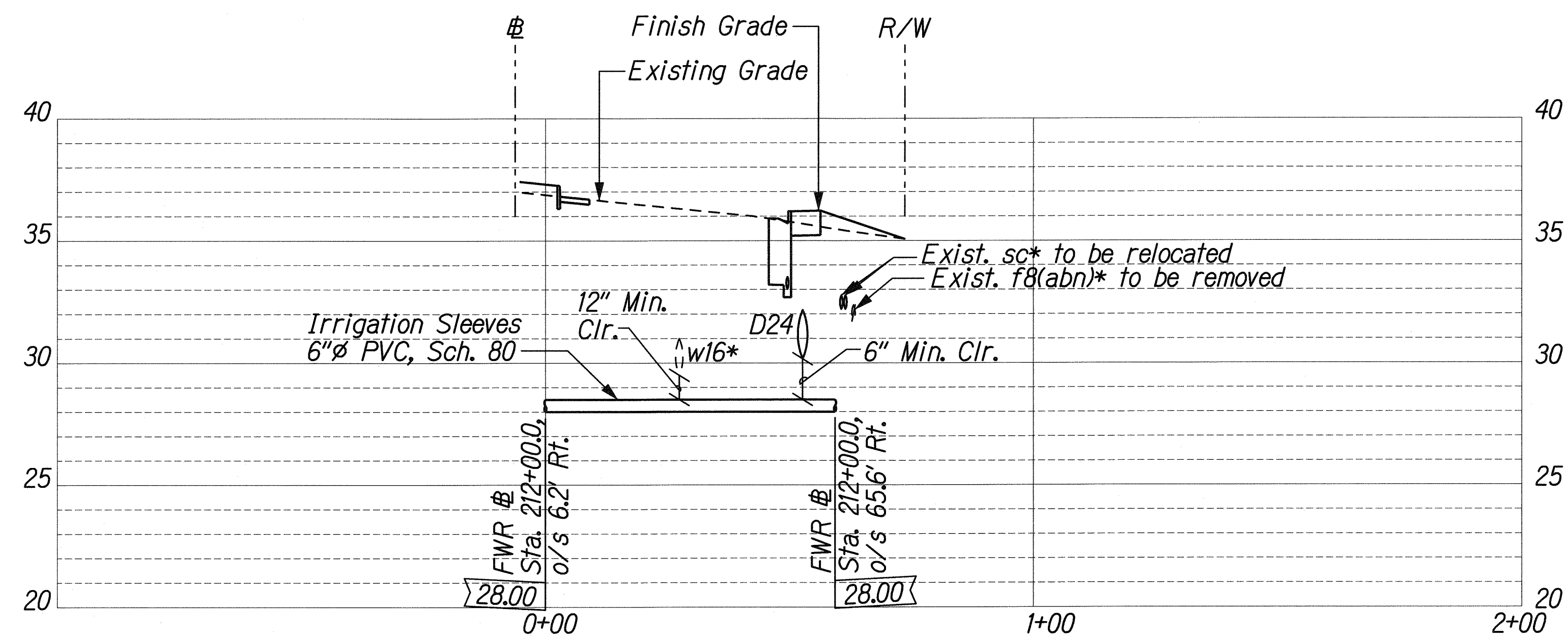
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 6

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

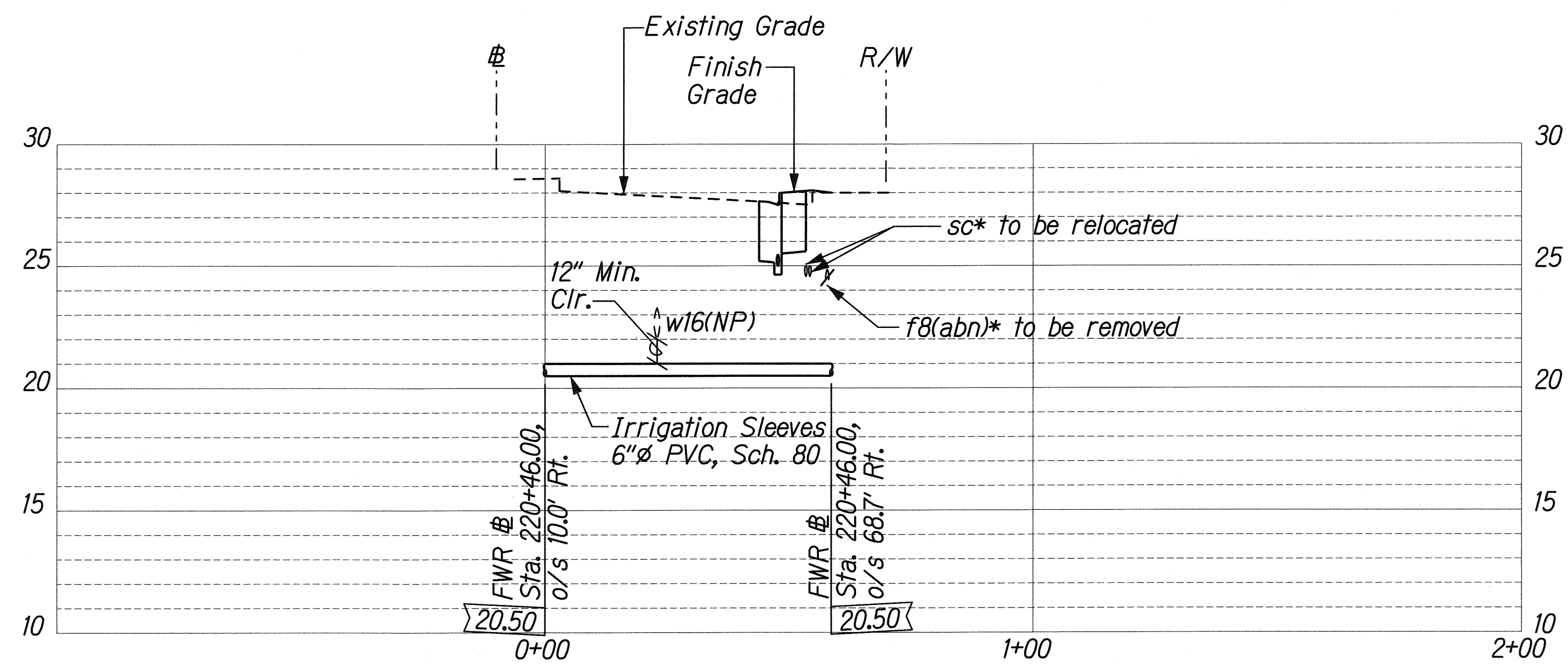
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	52	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES U
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES V
Scale: Horiz. 1"=20'
Vert. 1"=4'

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DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

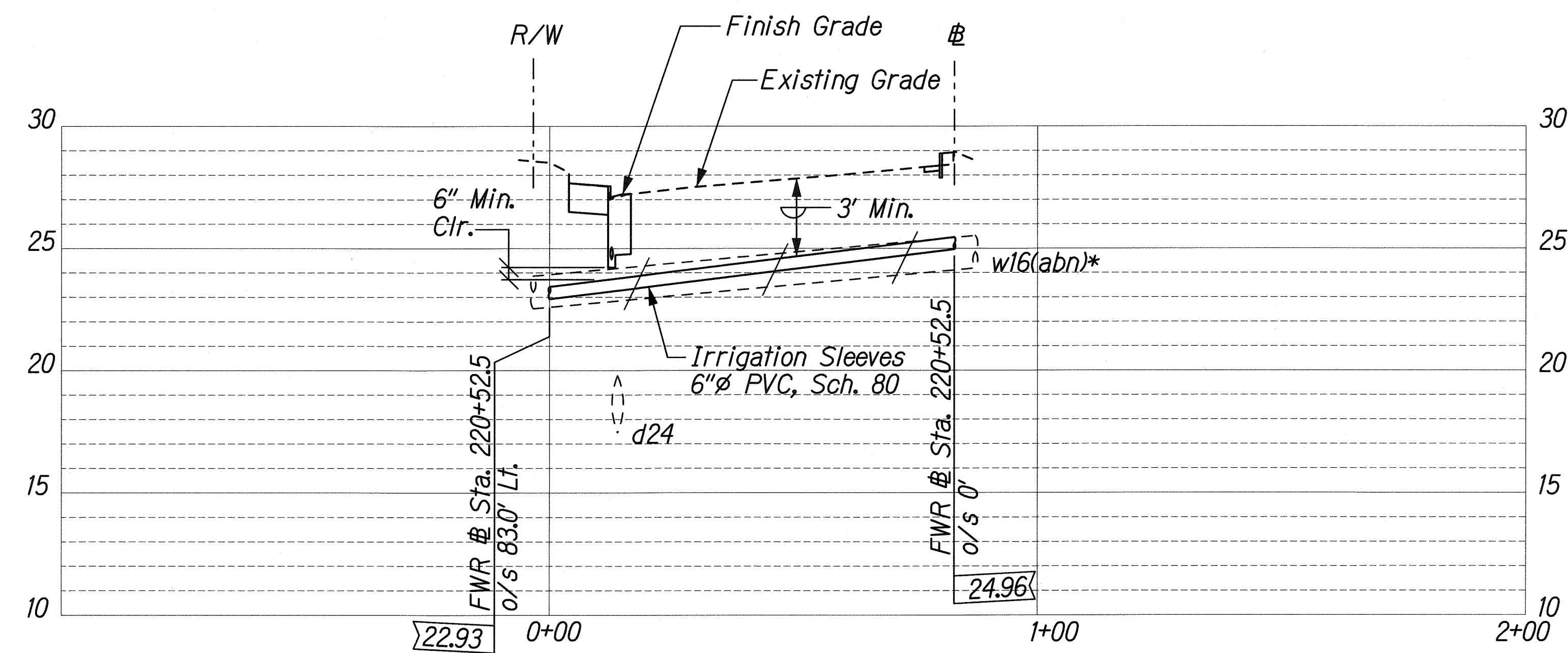
IRRIGATION PROFILE - 7

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

SHEET No. R2-21 OF 79 SHEETS

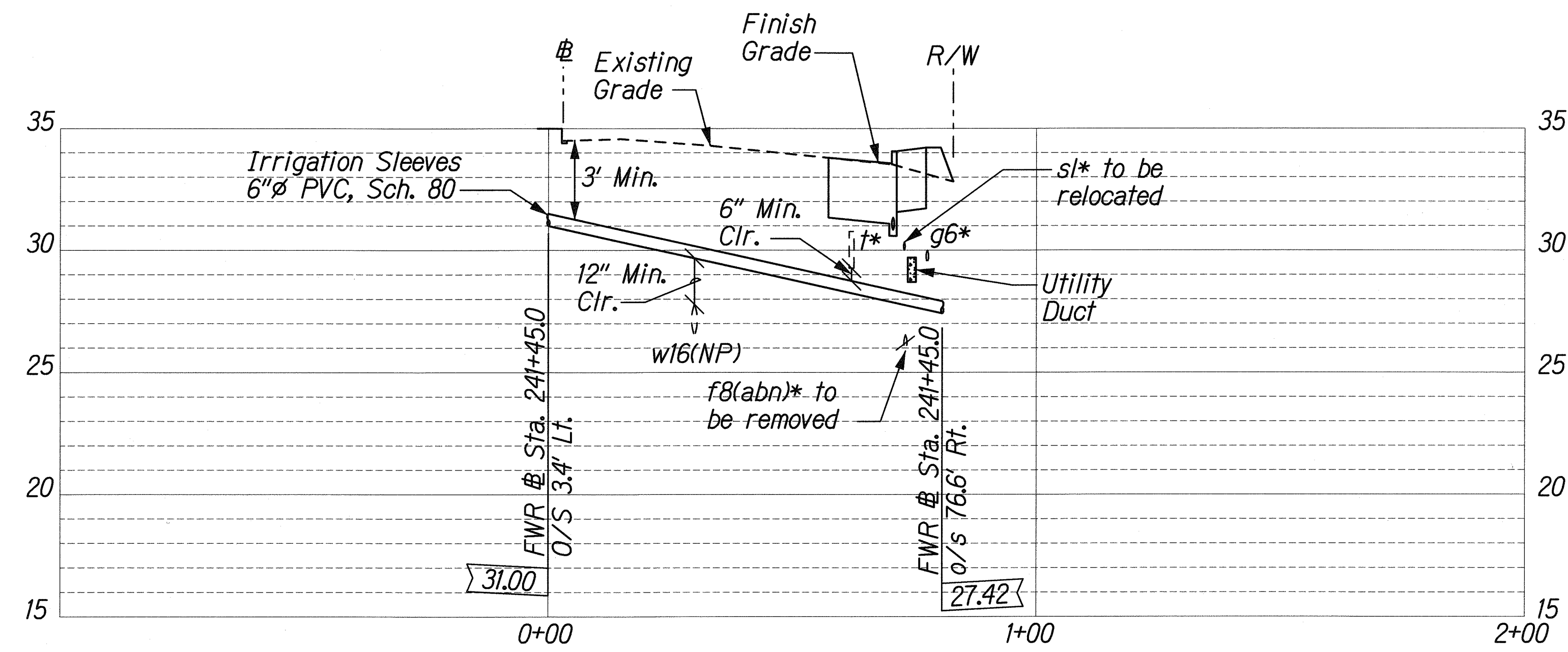
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	53	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES W
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES X
Scale: Horiz. 1"=20'
Vert. 1"=4'

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

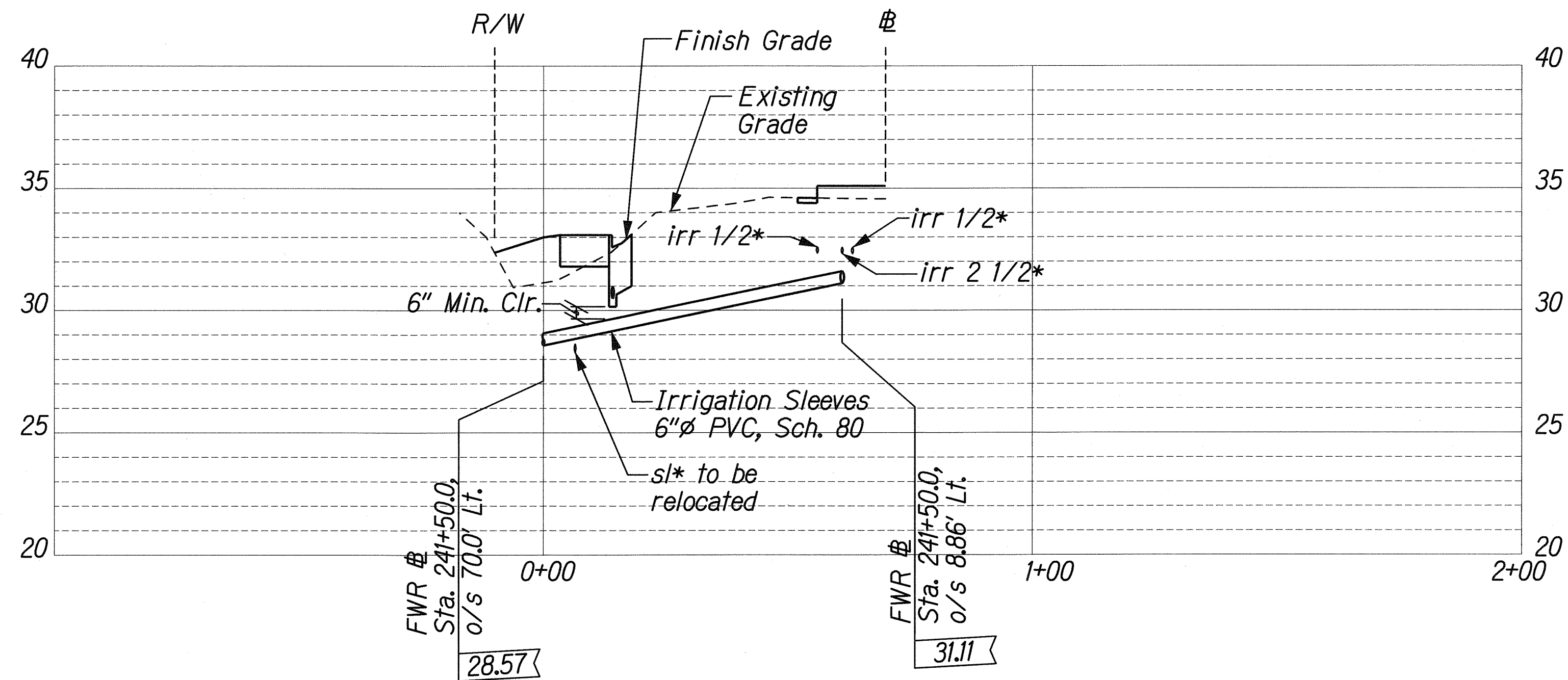
IRRIGATION PROFILE - 8

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

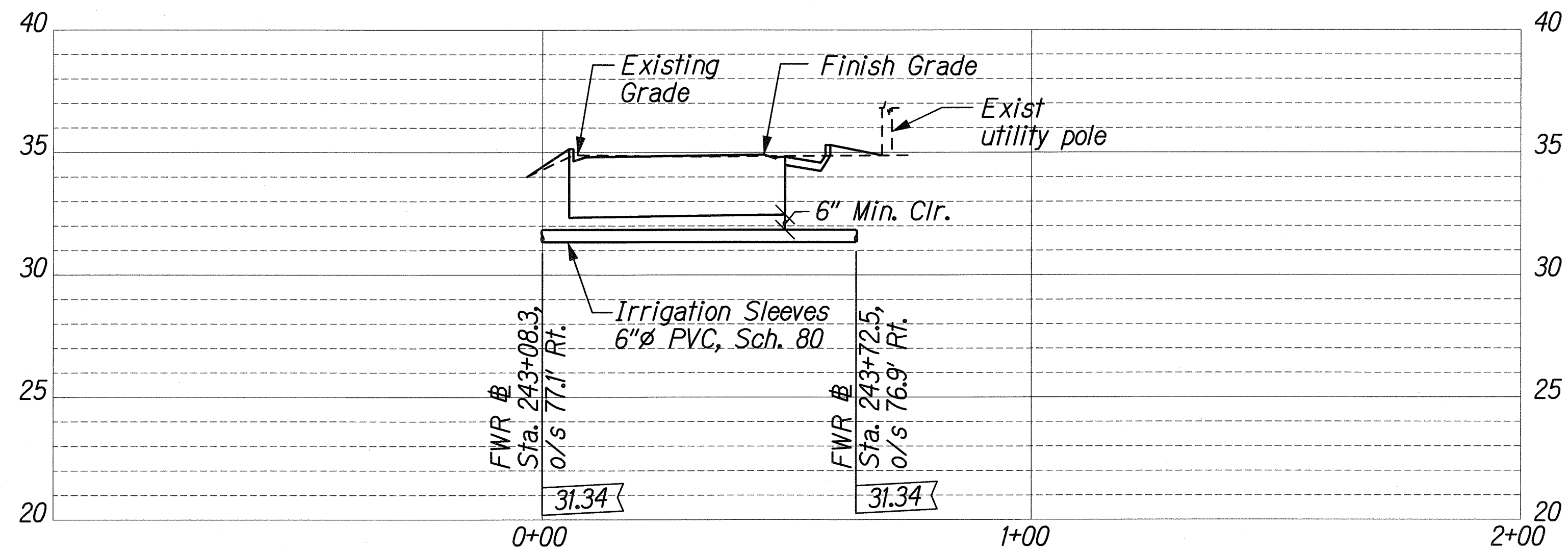
SHEET No. R2-22 OF 79 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	54	371



PROFILE - IRRIGATION SLEEVES Y

Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES Z

Scale: Horiz. 1"=20'
Vert. 1"=4'

NOTE:

See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:

* Assumed Utility Depth

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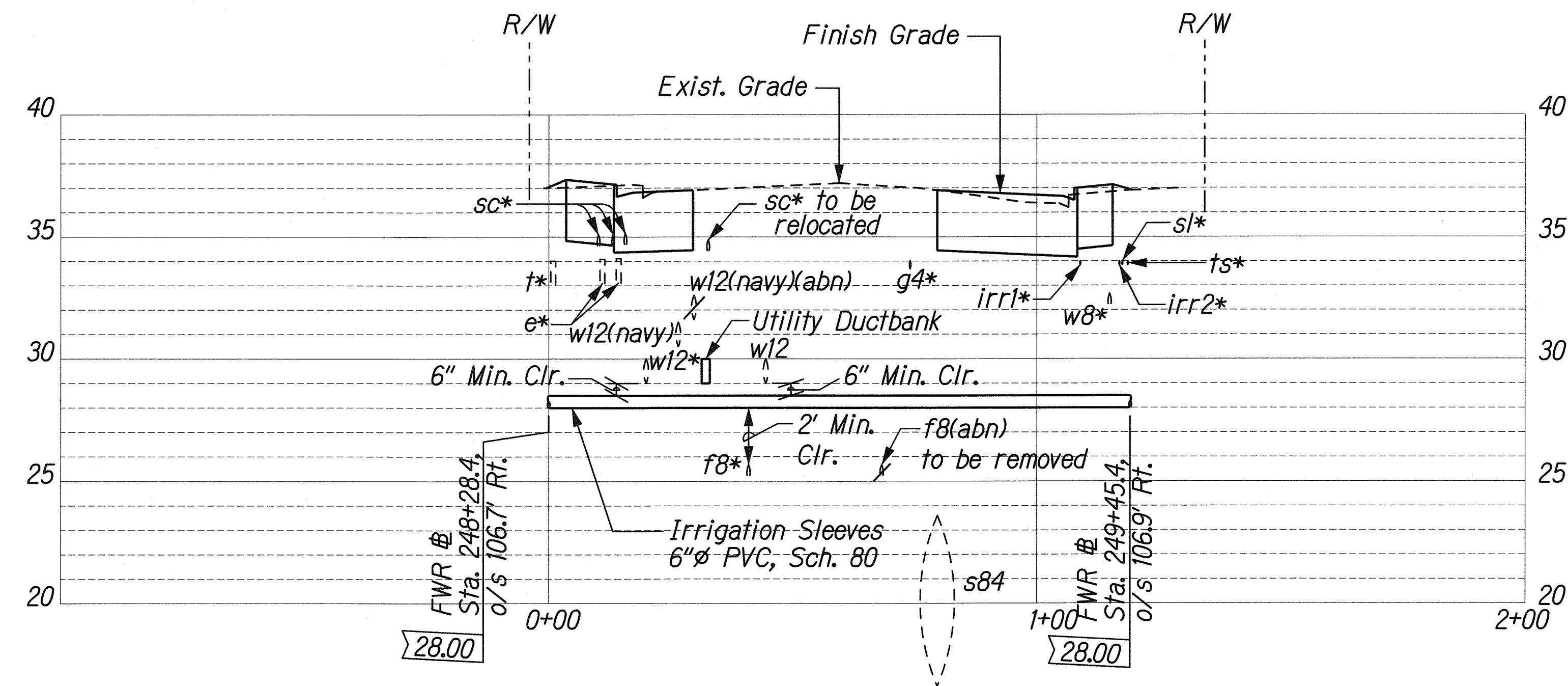
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 9

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

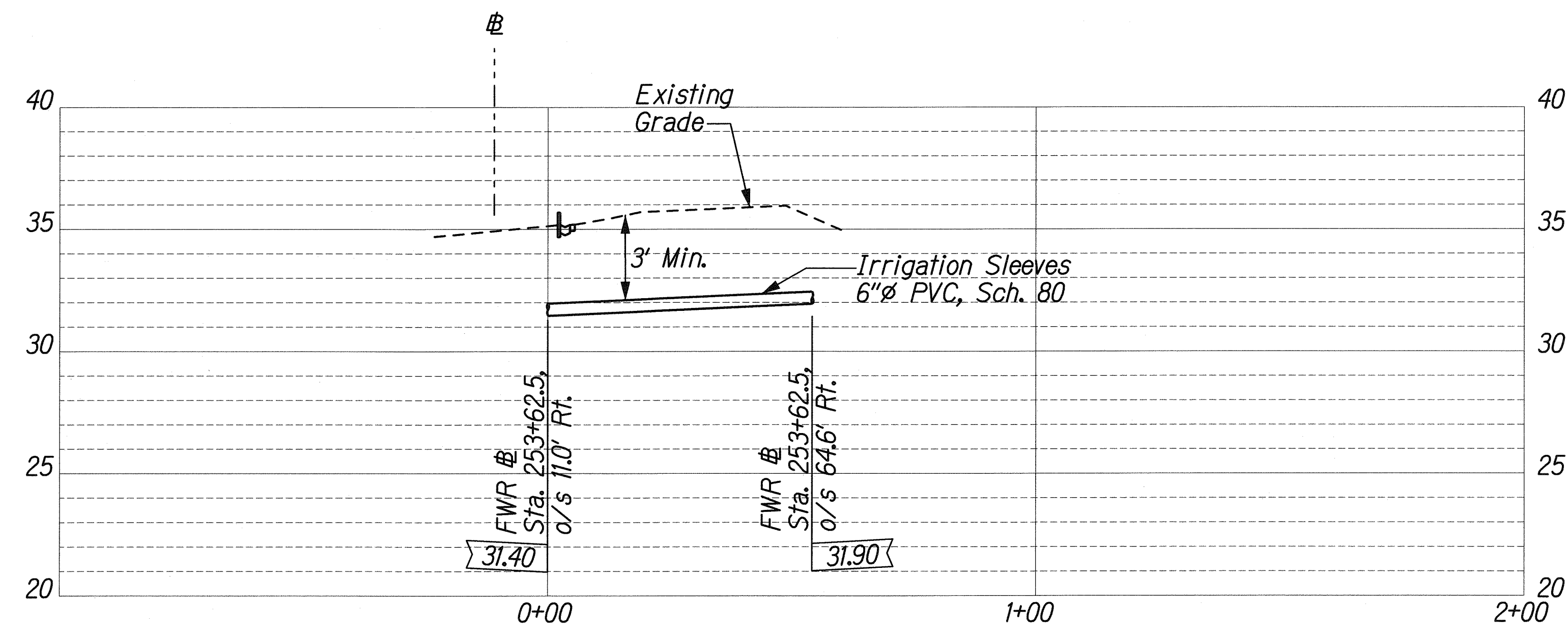
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	55	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES AA
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES BB
Scale: Horiz. 1"=20'
Vert. 1"=4'

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

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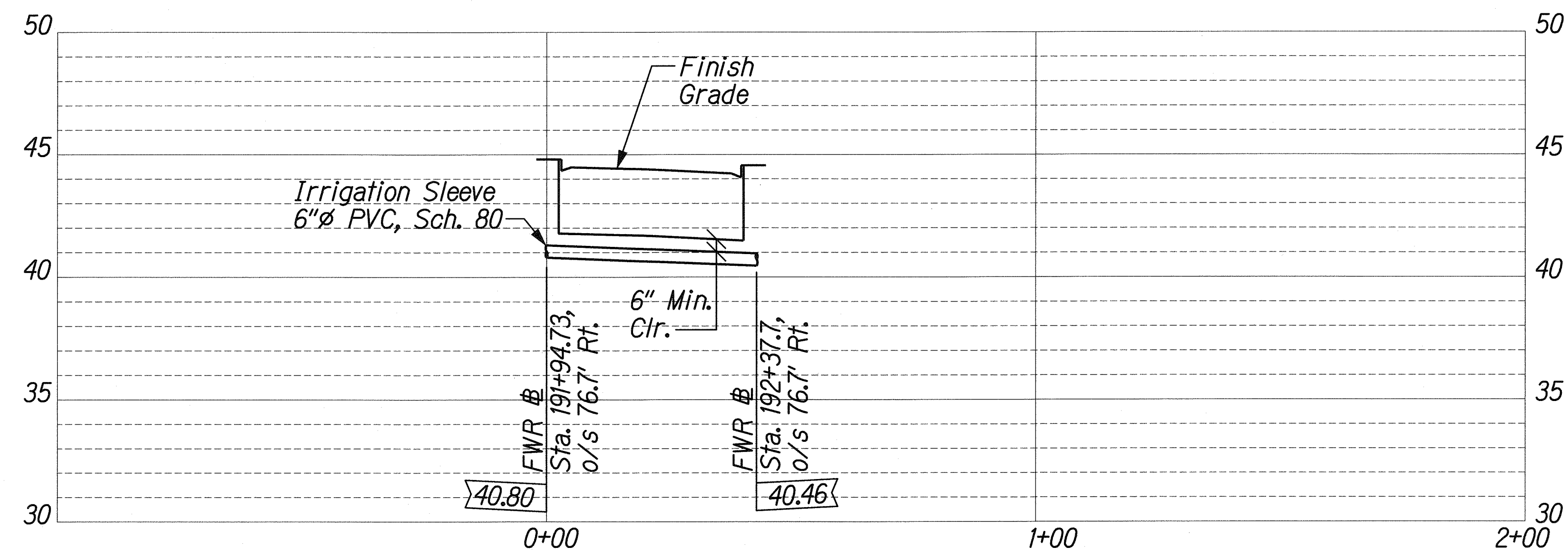
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 10

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

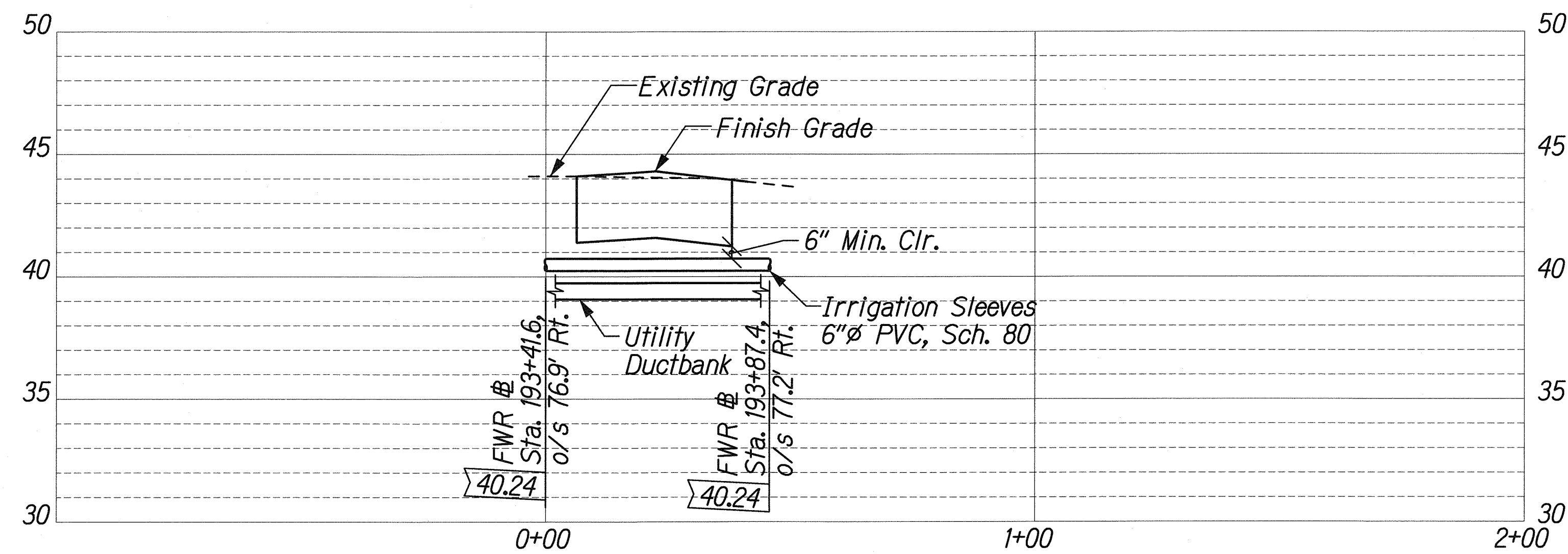
Scale: As Shown Date: Feb. 22, 2008

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	56	371



PROFILE - IRRIGATION SLEEVES CC

Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES DD

Scale: Horiz. 1"=20'
Vert. 1"=4'

NOTE:

See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:

* Assumed Utility Depth

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

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Signature: *R. Urashima*

EXPIRATION DATE OF THE LICENSE: 04/30/10

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

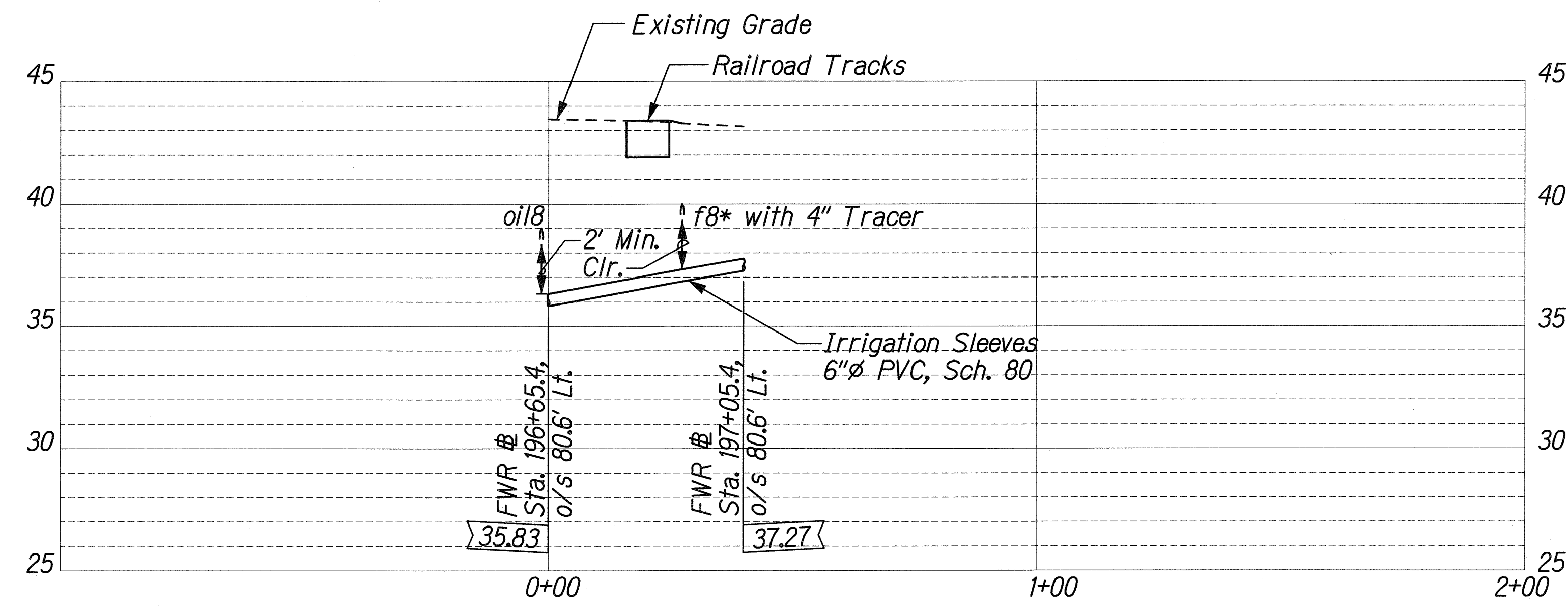
IRRIGATION PROFILE - II

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

SHEET No. R2-25 OF 79 SHEETS

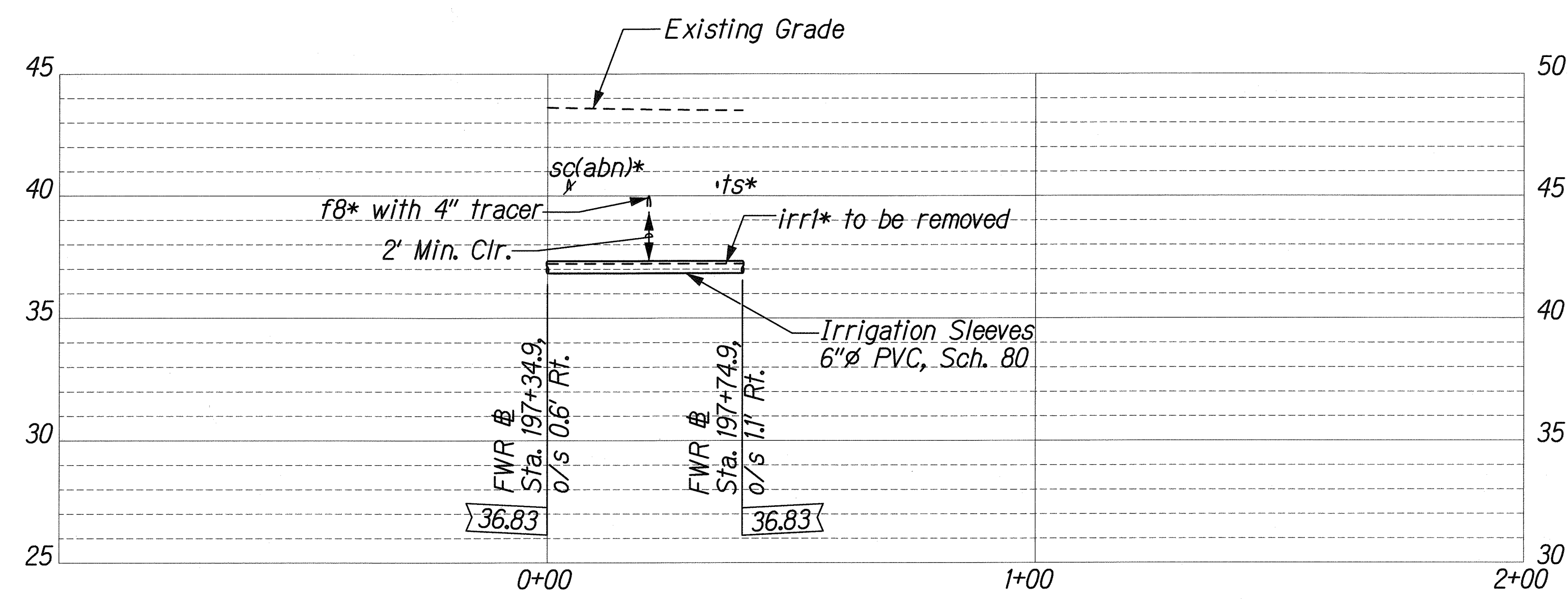
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	57	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES EE
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - IRRIGATION SLEEVES FF
Scale: Horiz. 1"=20'
Vert. 1"=4'

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

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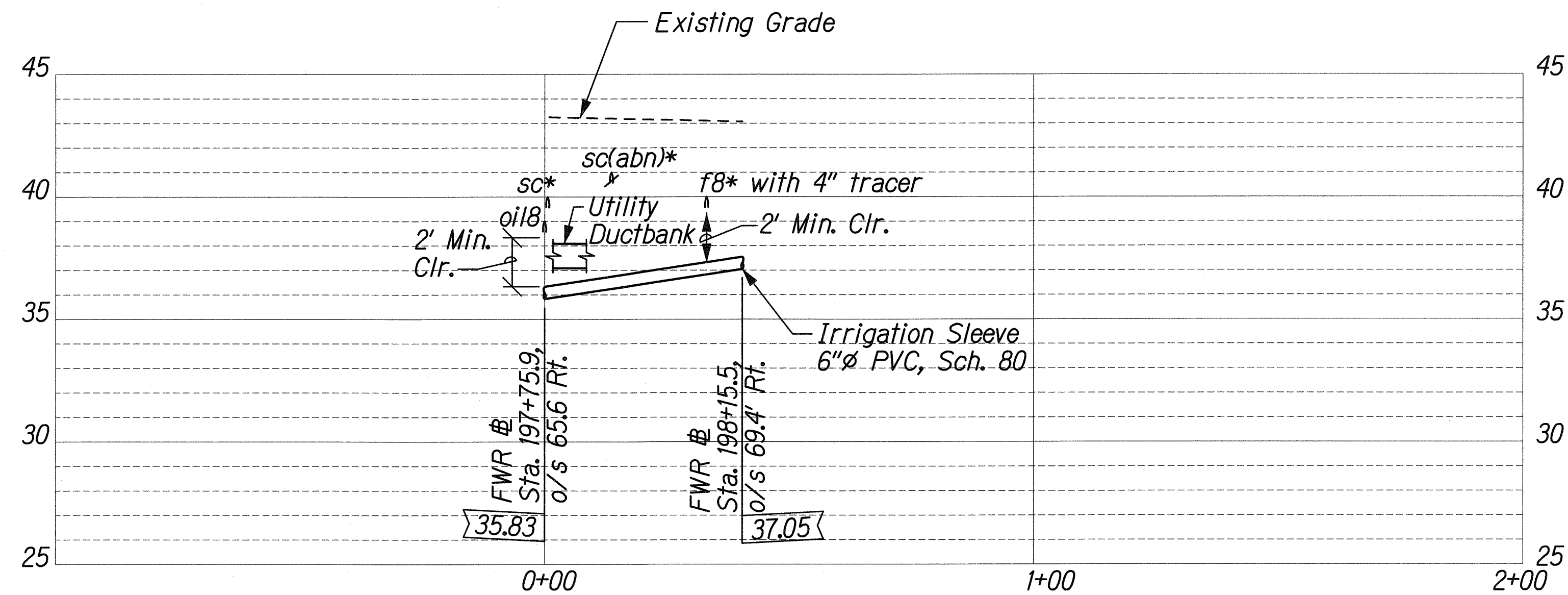
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 12

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown 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	58	371



NOTE:

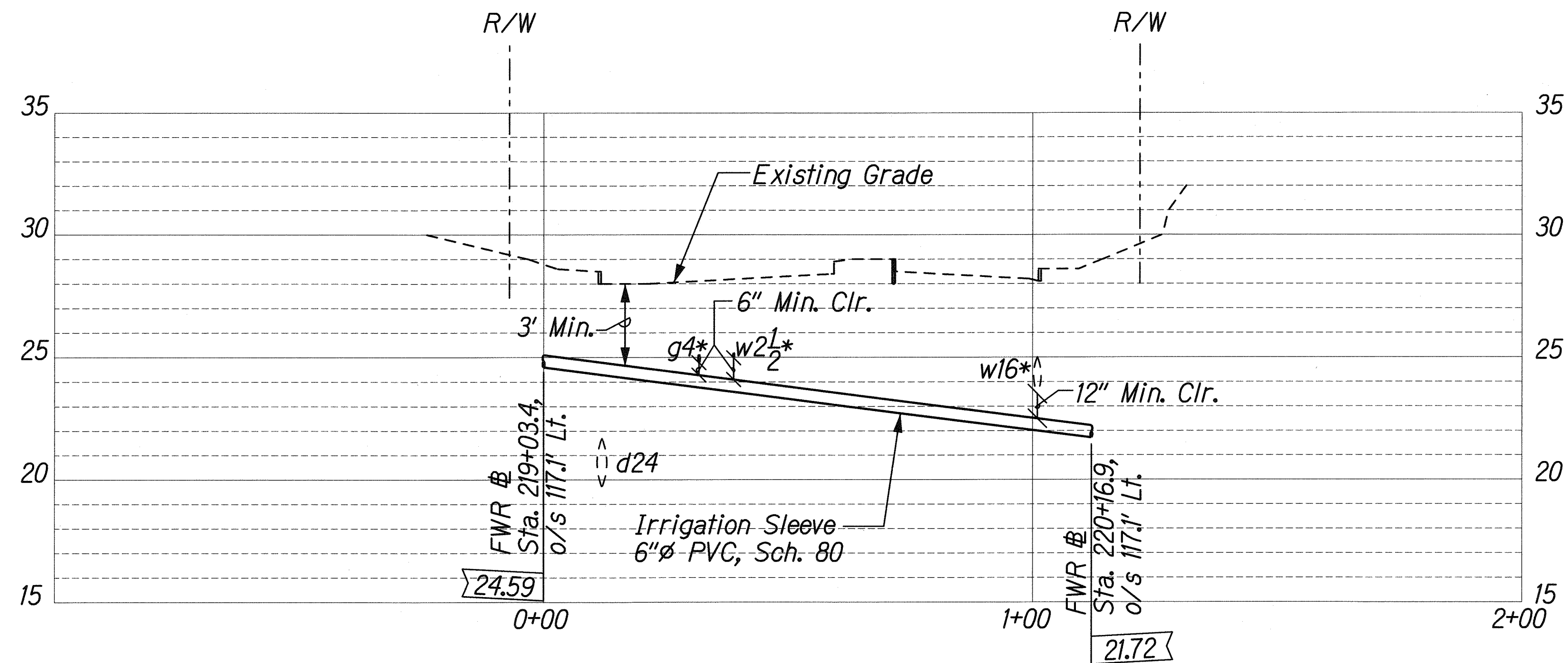
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:

* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES GG

Scale: Horiz. 1"=20'
Vert. 1"=4'

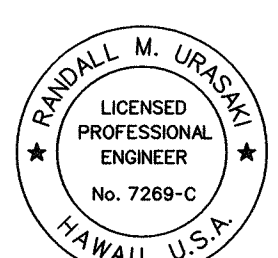


PROFILE - IRRIGATION SLEEVES HH

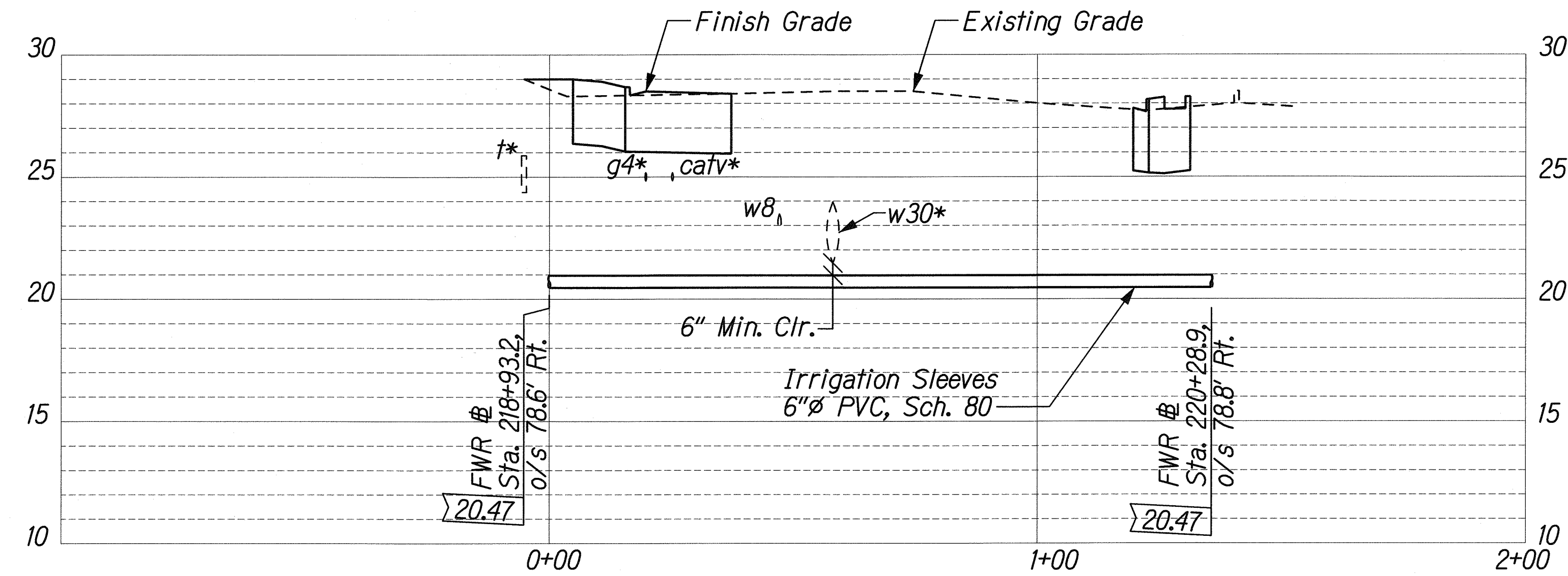
Scale: Horiz. 1"=20'
Vert. 1"=4'

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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\\FORT WEAVER ROAD\PACKAGE2\IRRIGATION\IRRI-G-PROF13.dgn

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	SHEET No. R2-27 OF 79 SHEETS
	58

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	59	371



NOTE:
See Sheets R2-45 and R2-46 for Trench Restoration details and Typical Section for Permeable Base Course.

LEGEND:
* Assumed Utility Depth

PROFILE - IRRIGATION SLEEVES II
Scale: Horiz. 1"=20'
Vert. 1"=4'

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

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Rum

SIGNATURE

04/30/10
EXPIRATION DATE OF THE LICENSE

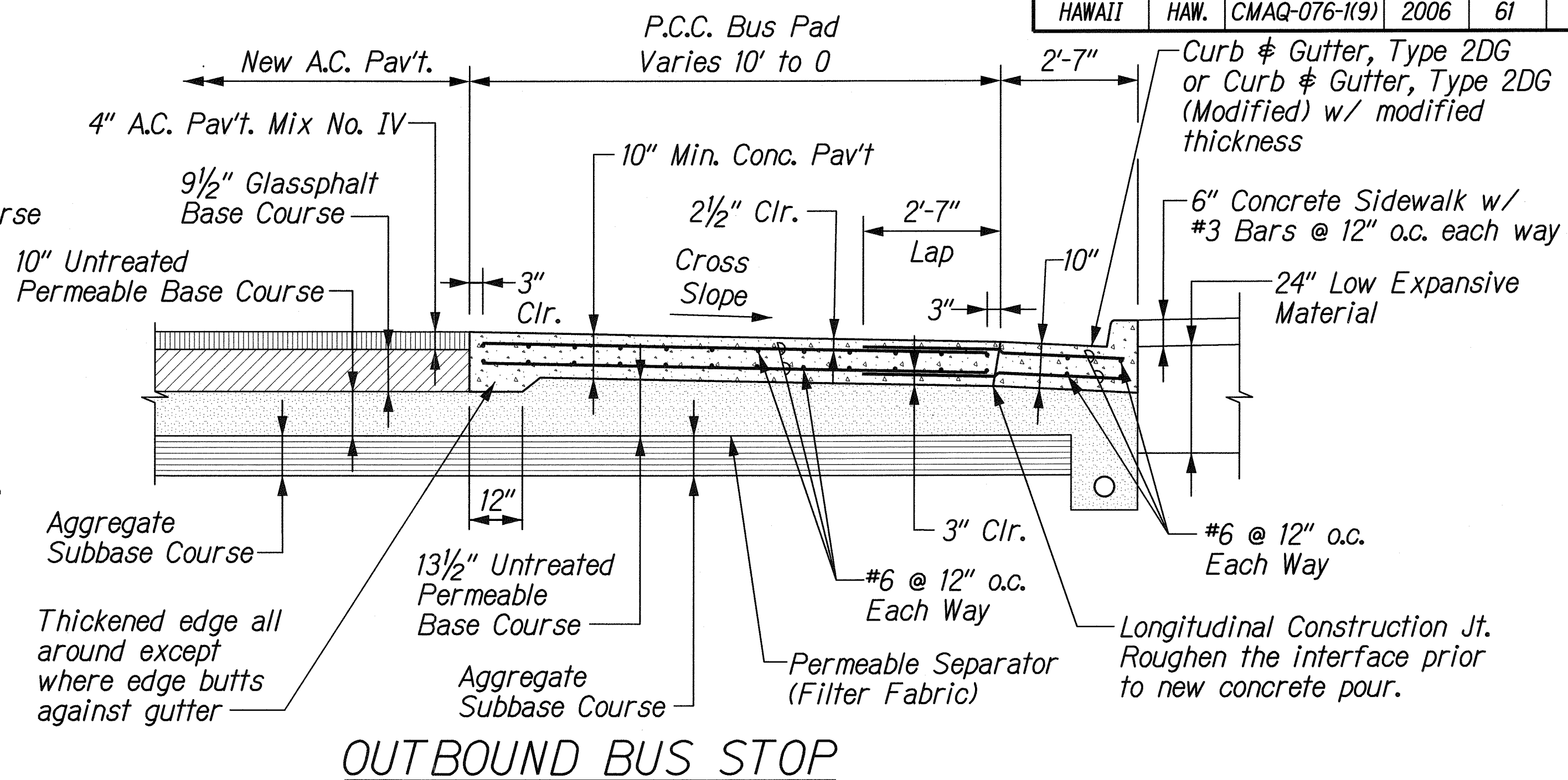
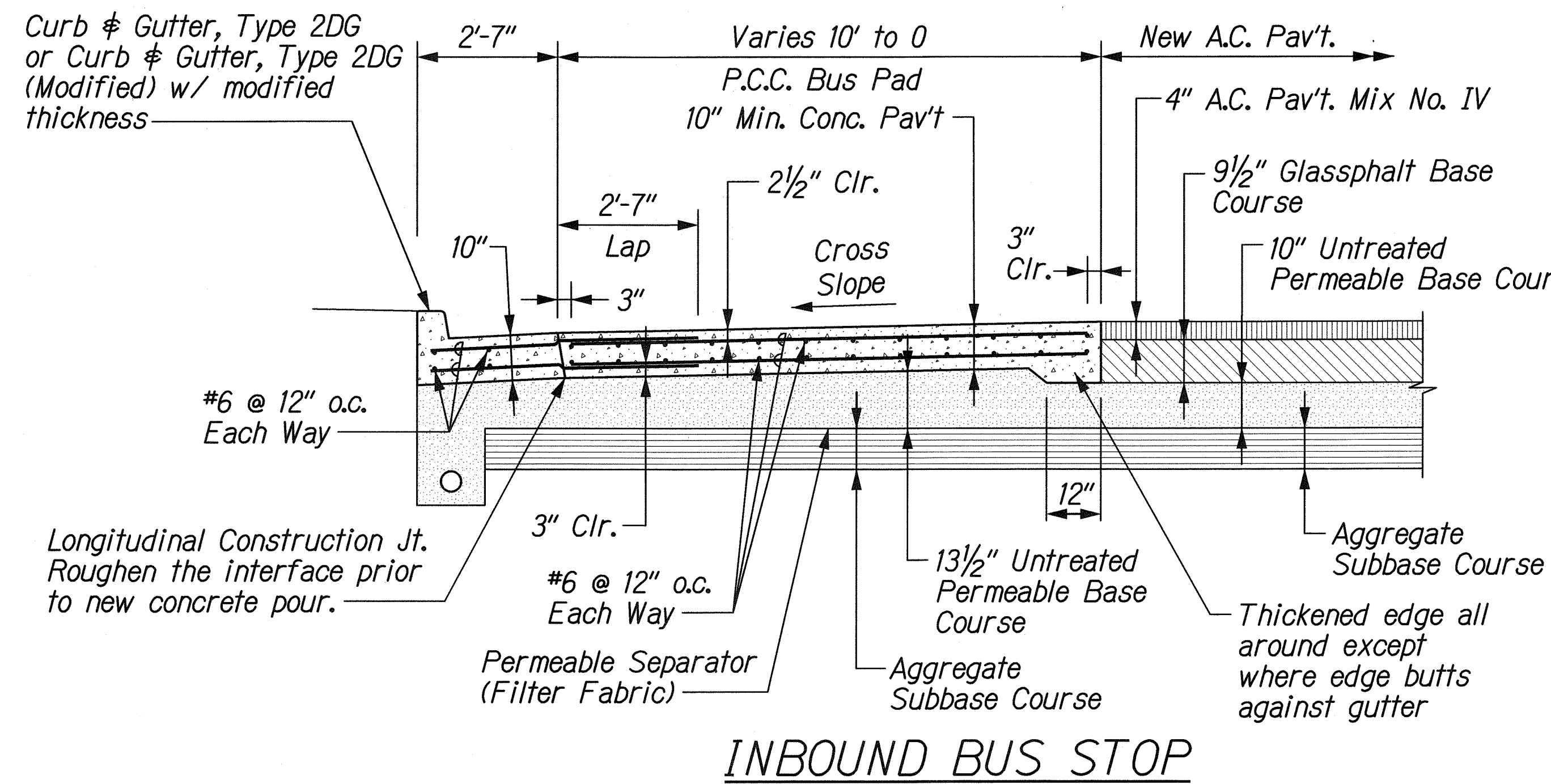
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PROFILE - 14

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: As Shown Date: Feb. 22, 2008

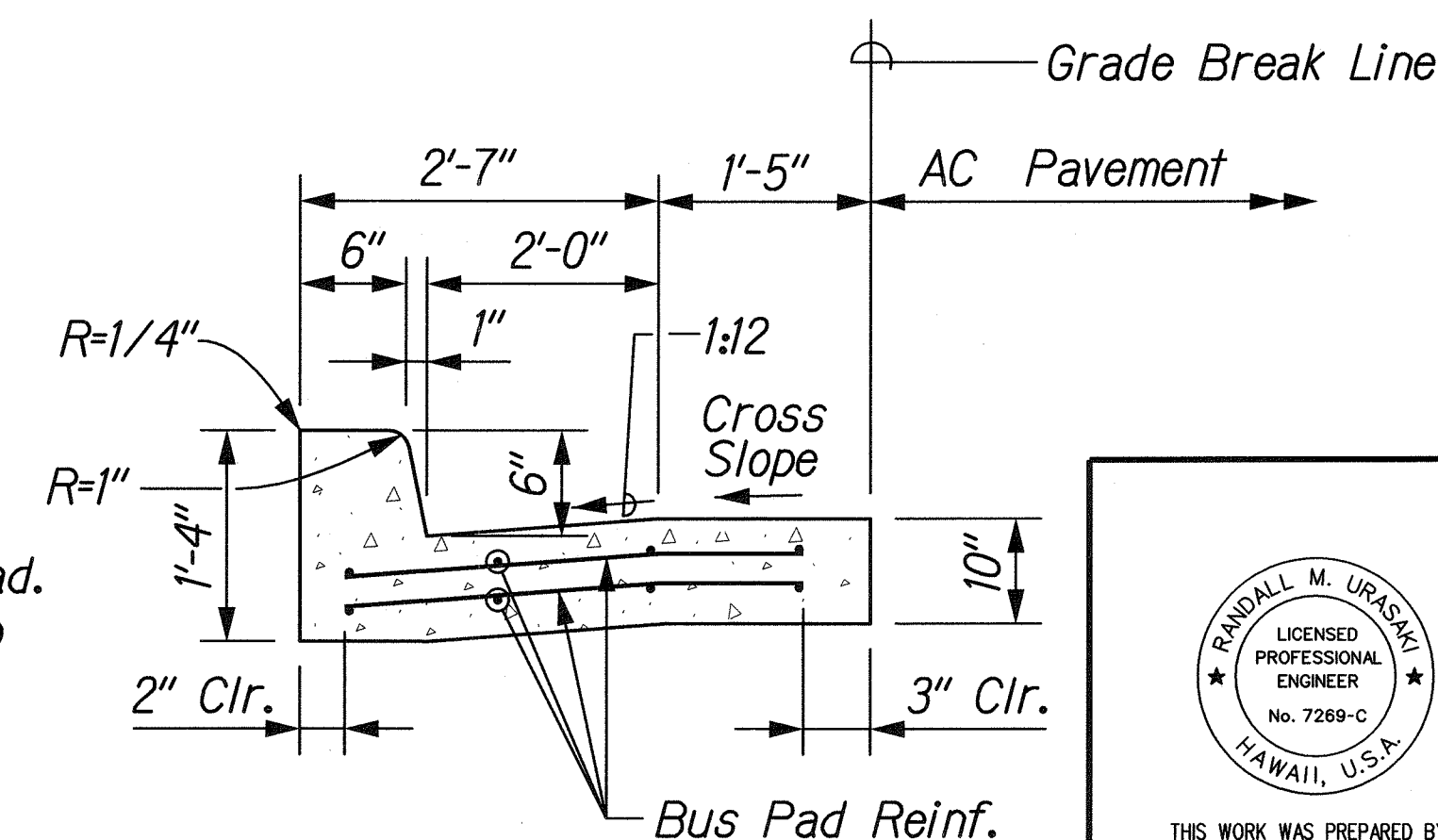
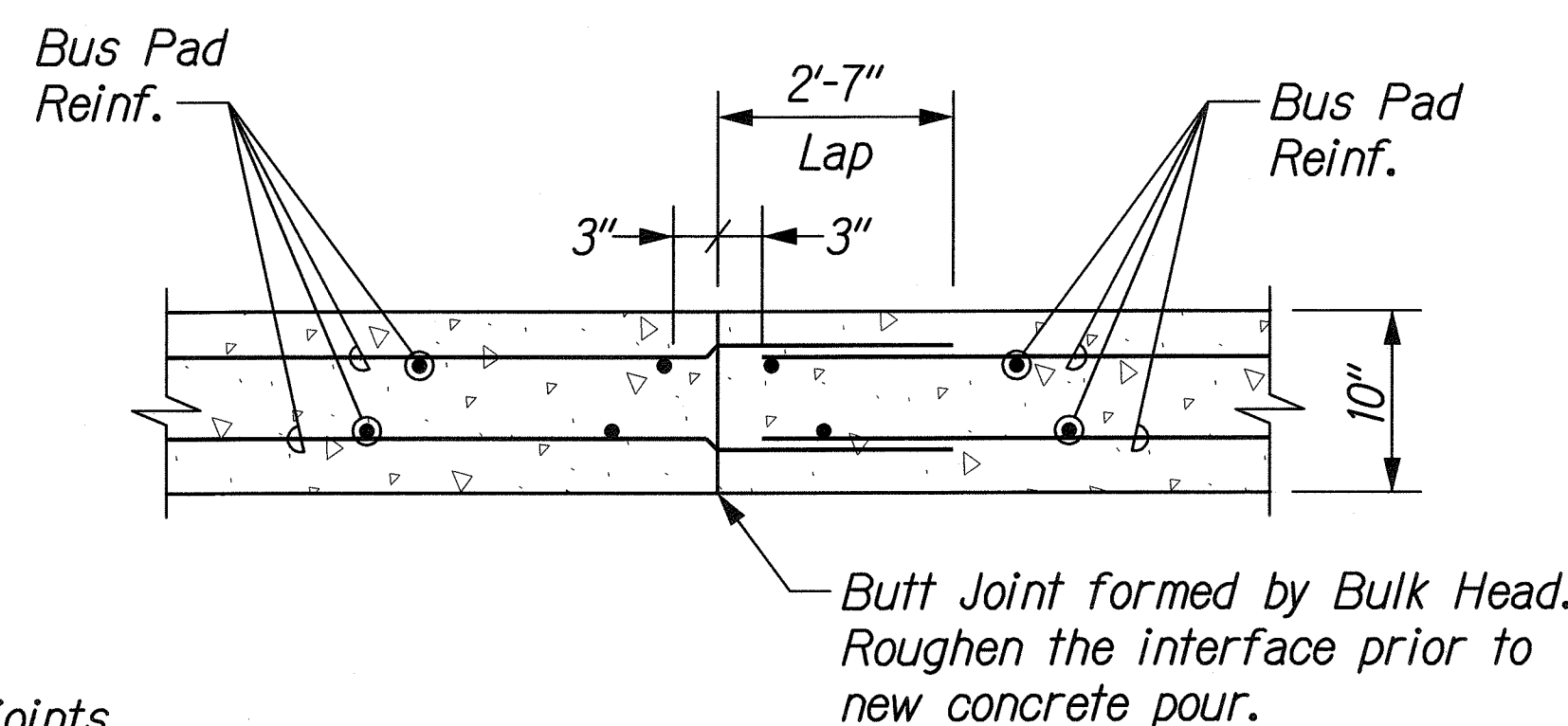
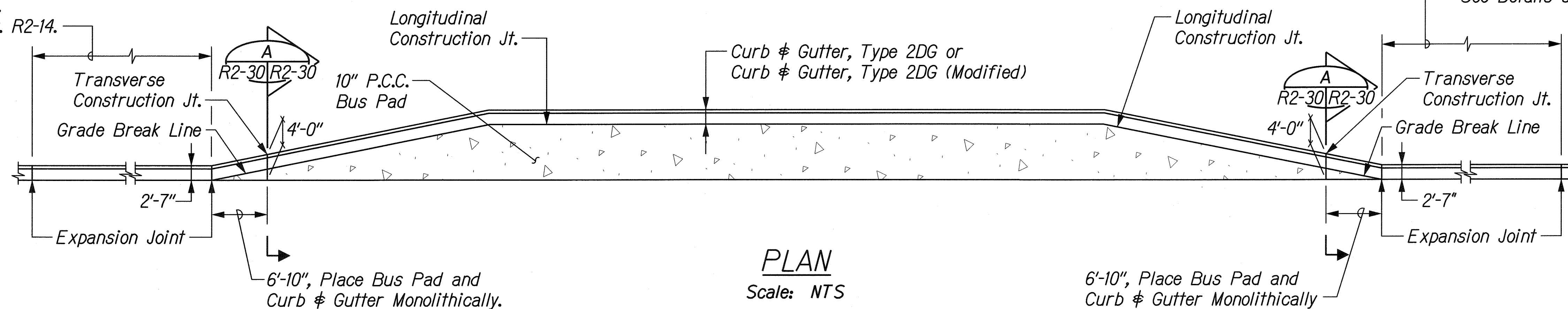
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	61	371



P.C.C. BUS PAD PAVEMENT SECTIONS

Scale: NTS

50'-0", Reinforced Curb & Gutter
Type 2DG, Type 2DG (Modified).
See Details and Note X on Sht. R2-14.



NOTES:

- Provide a constant grade on the new P.C.C. Bus Pad.
- Provide continuously reinforced Bus Pad without transverse joints.
- All surface corners shall be edged, $R=1/4"$.
- Forms shall be used for the PCC Bus Pad.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**BUS PAD PAVEMENT SECTION
AND DETAILS**

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: None Date: Feb. 22, 2008

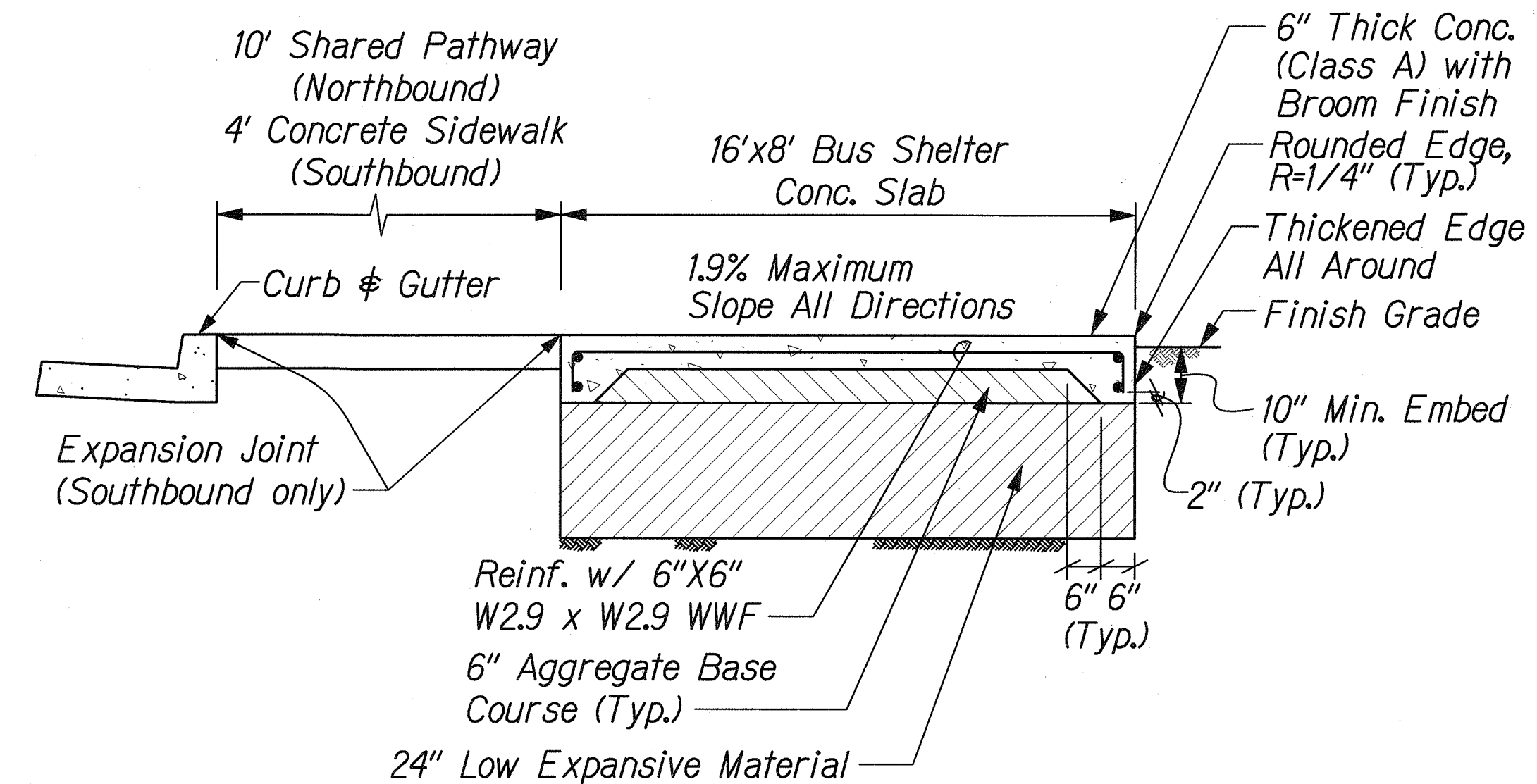
SHEET No. R2-30 OF 79 SHEETS

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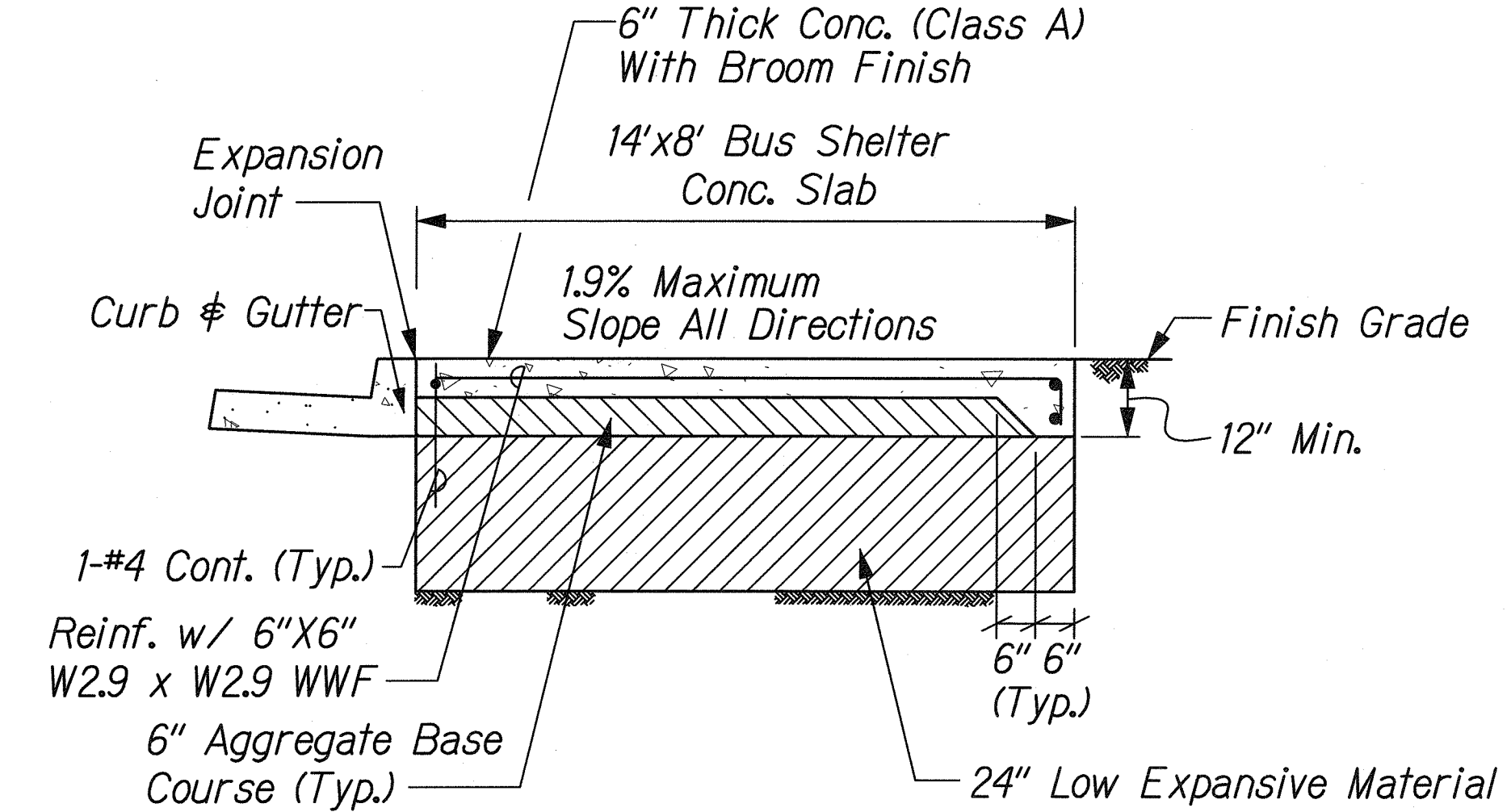
EXPIRATION DATE OF THE LICENSE

04/30/10

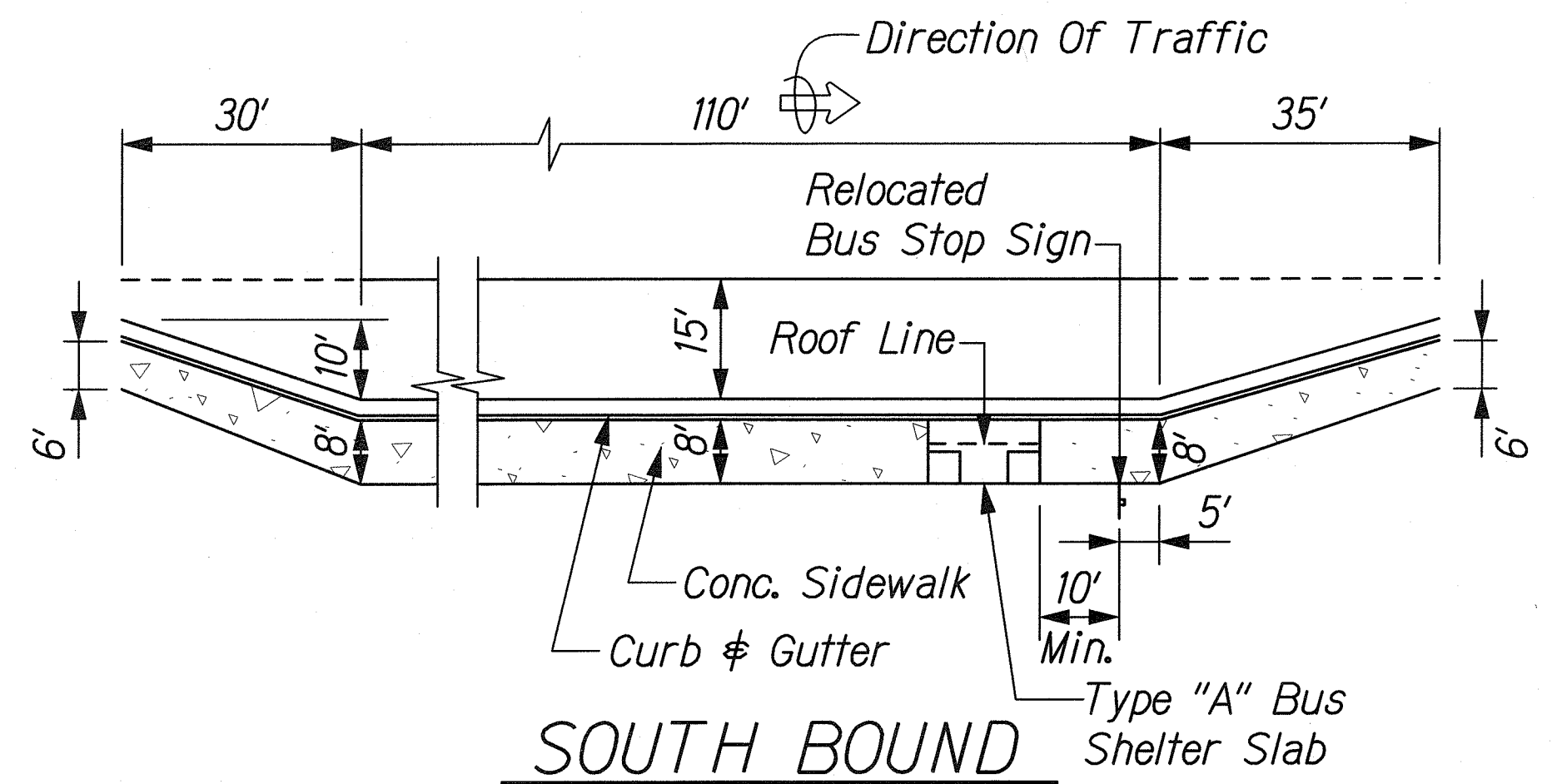
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-076-1(9)	2006	62	371



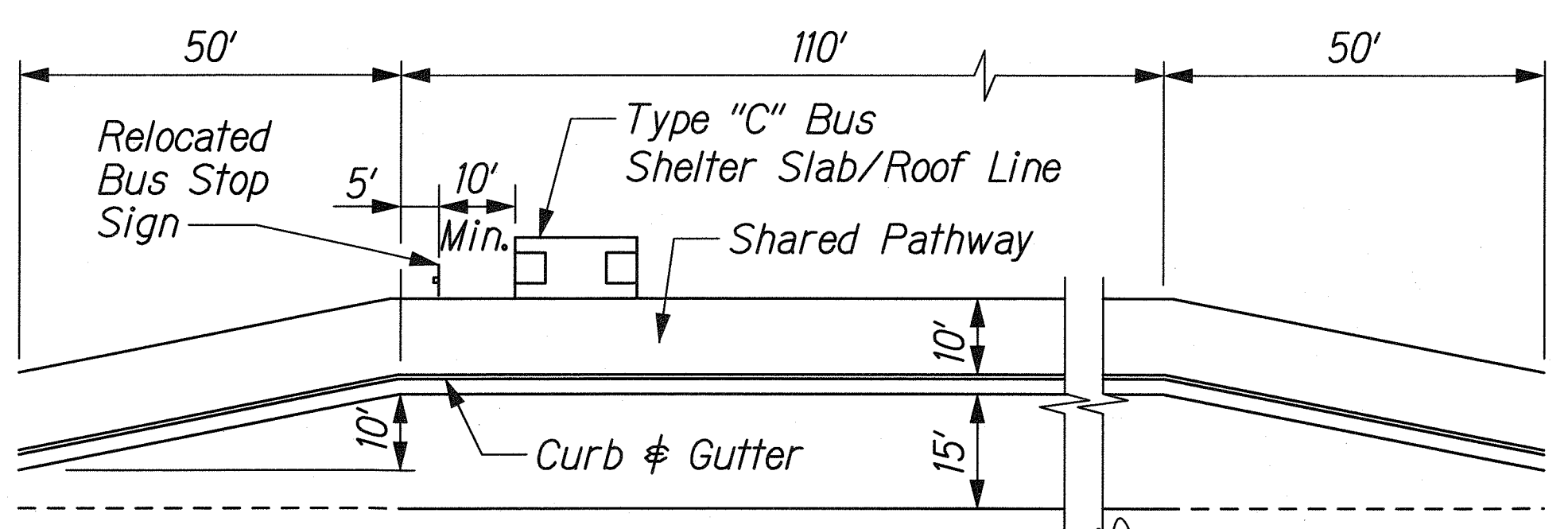
CONC. SLAB FOR BUS SHELTER TYPE "C"
Scale: 1/2"=1'-0"



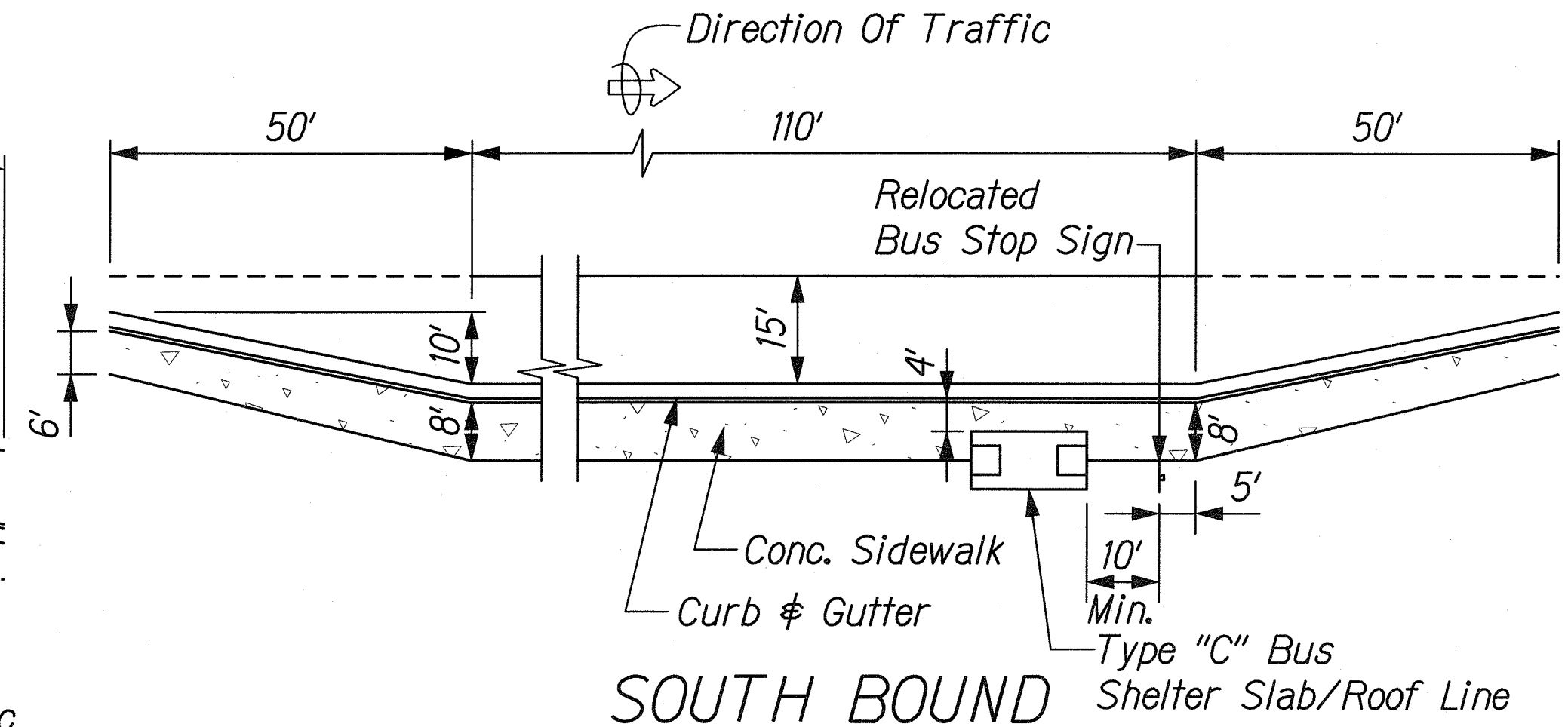
CONC. SLAB FOR BUS SHELTER TYPE "A"
Scale: 1/2"=1'-0"



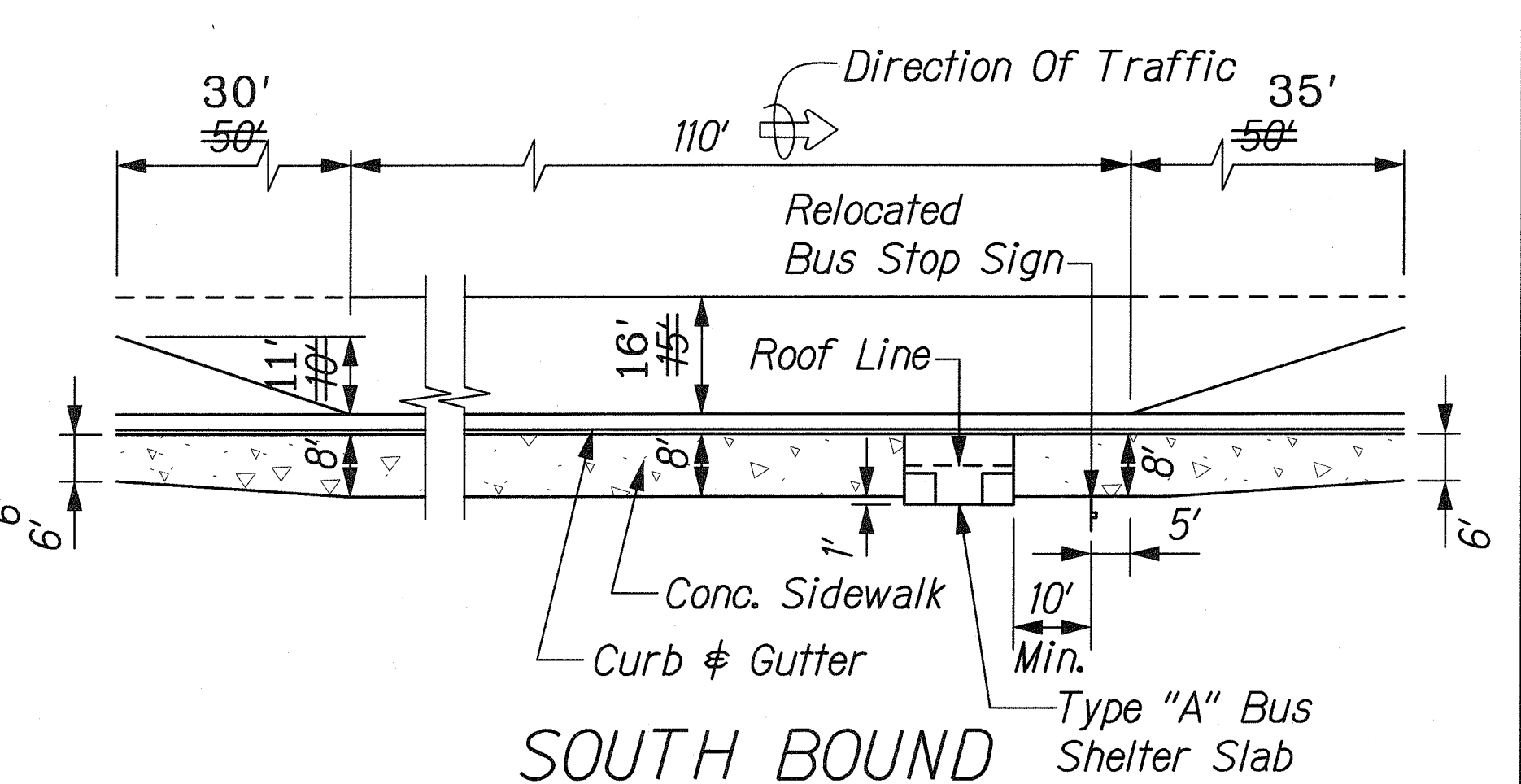
BUS SHELTER TYPE "A" AT STA. 191+18±
Scale: 1" = 20'



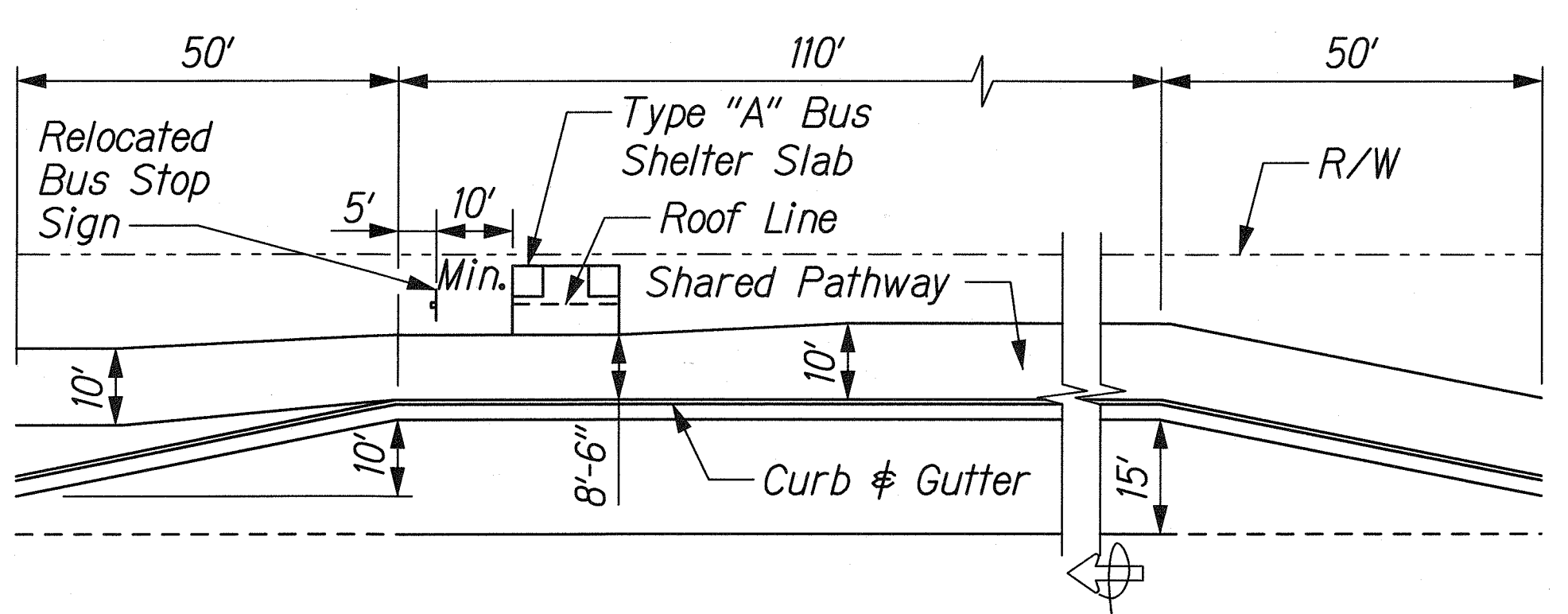
**NORTH BOUND
TYPICAL BUS SHELTER TYPE "C" LOCATION**
Scale: 1" = 20'



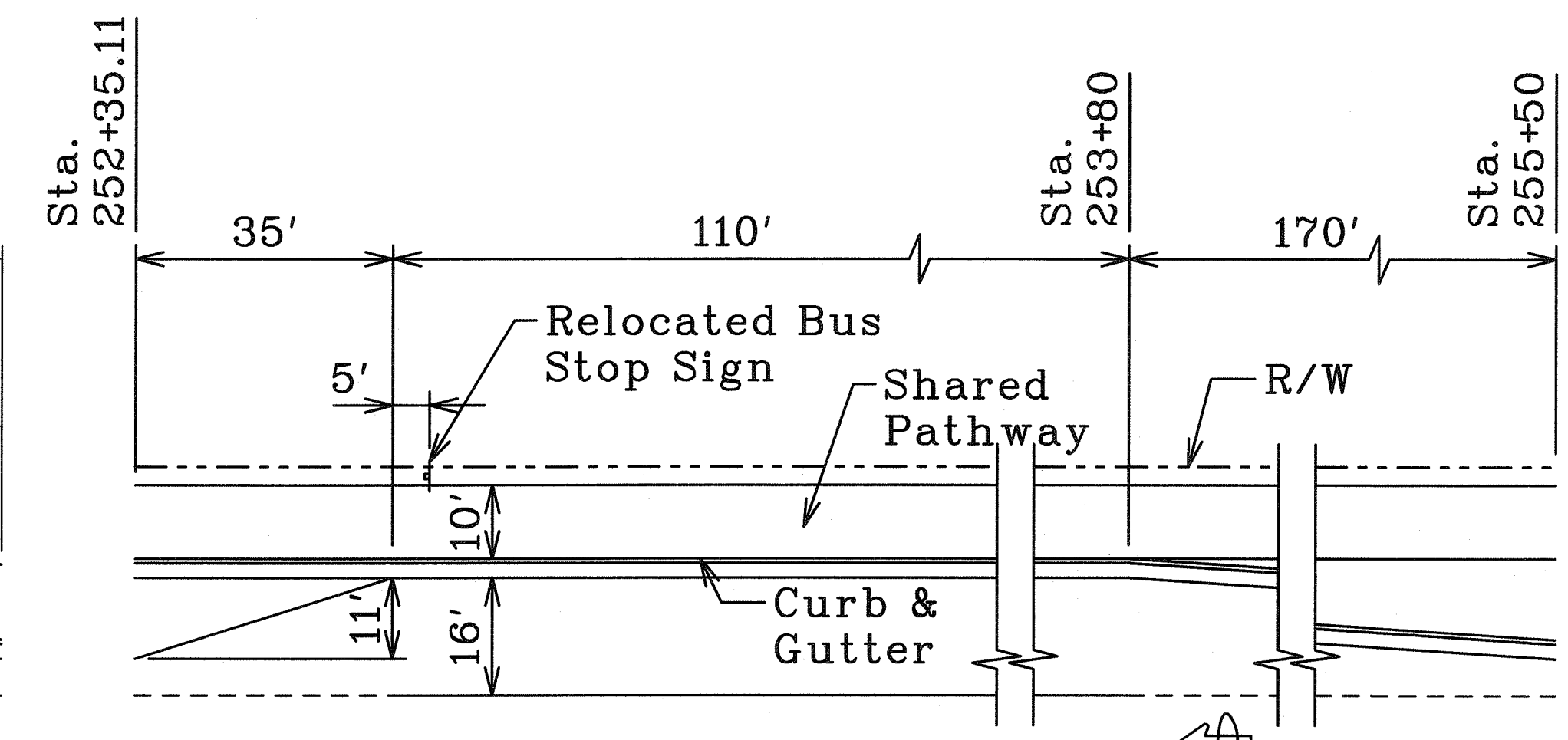
**SOUTH BOUND
TYPICAL BUS SHELTER TYPE "C" LOCATION**
Scale: 1" = 20'



**BUS SHELTER TYPE "A" AT STA. 251+87±
245+12±**
Scale: 1" = 20'



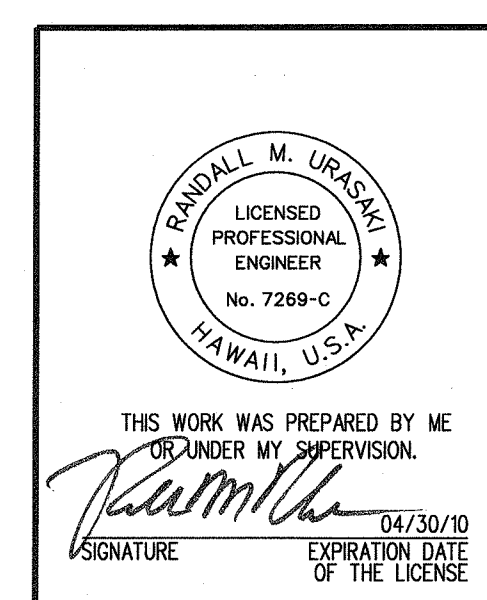
**NORTH BOUND
BUS SHELTER TYPE "A" AT STA. 216+63±**
Scale: 1" = 20'



**NORTH BOUND
BUS STOP AT STA. 252+75±**
Scale: 1"=20'

LEGEND FOR AS-BUILT POSTINGS

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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BUS STOP DETAILS

FORT WEAVER ROAD WIDENING
VICINITY OF AAWA DRIVE TO GEIGER ROAD

Scale: None Date: Feb. 22, 2008

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DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

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