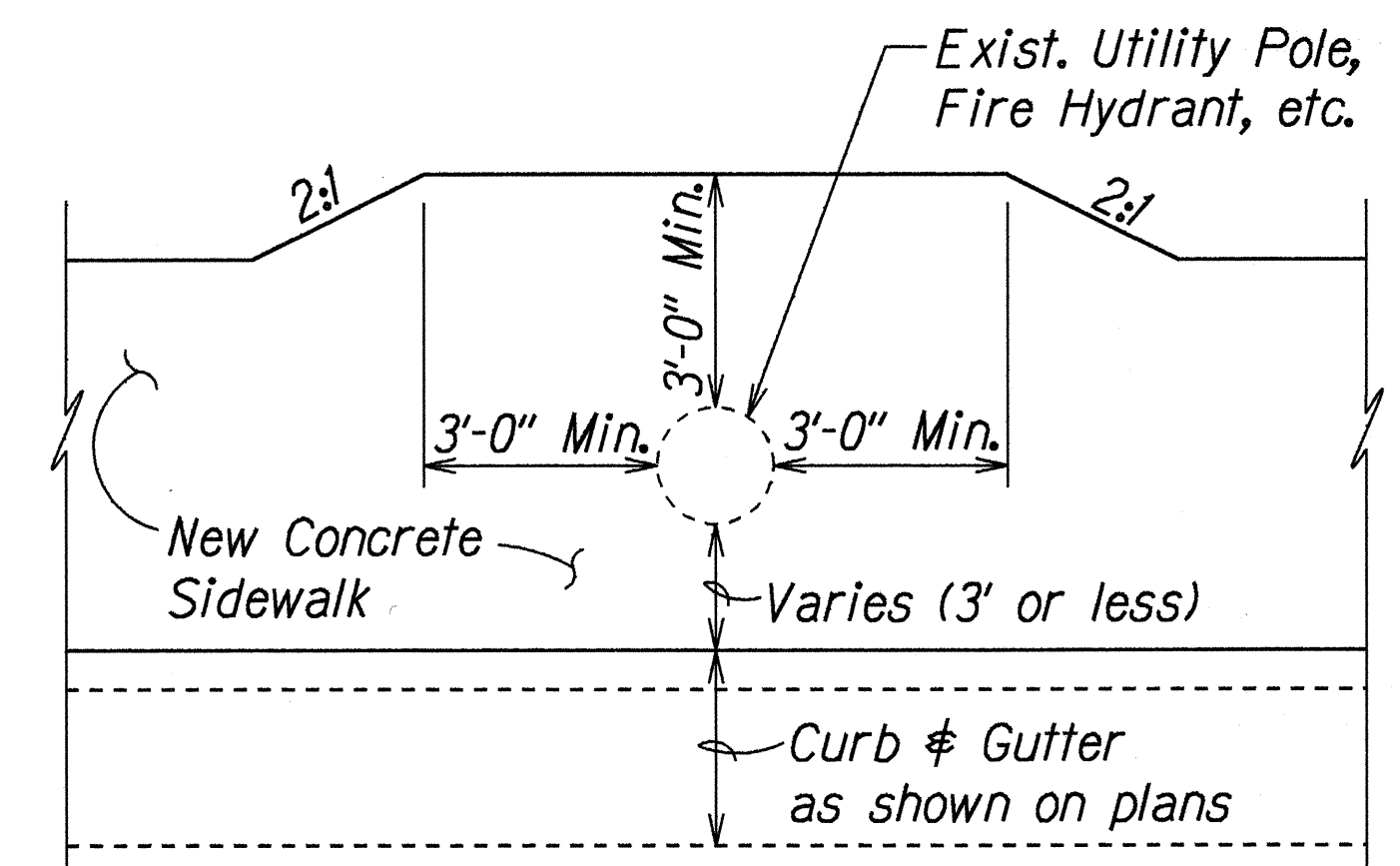
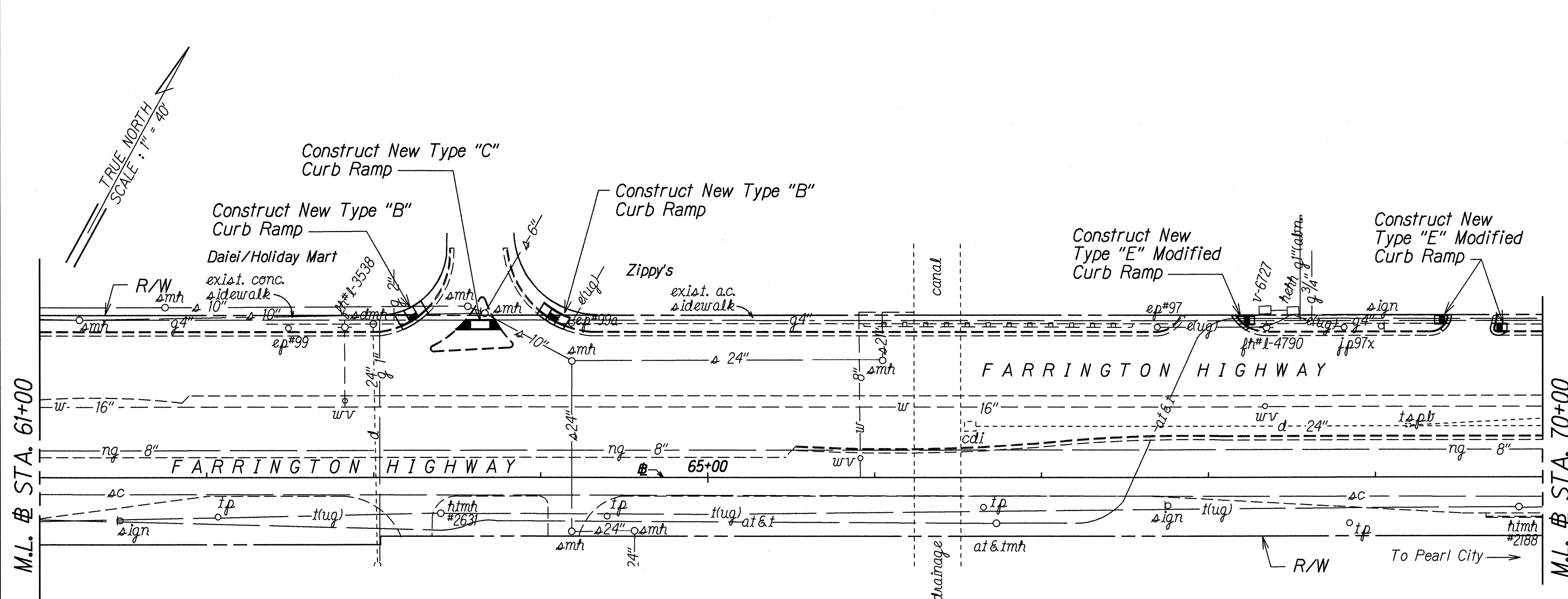
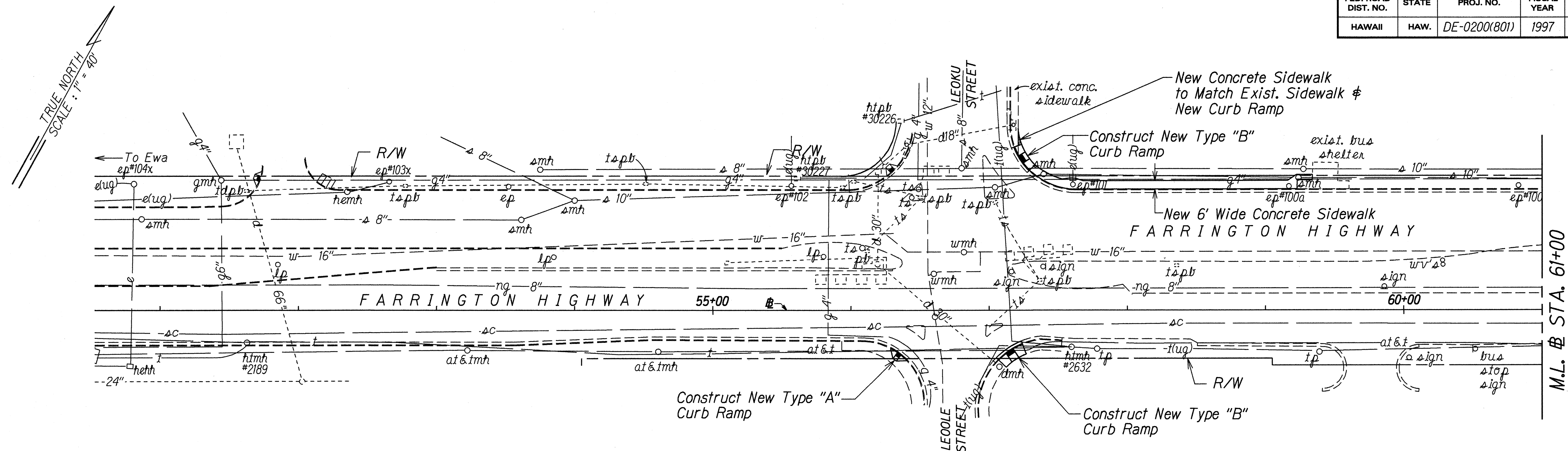


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	C.O. 6	16

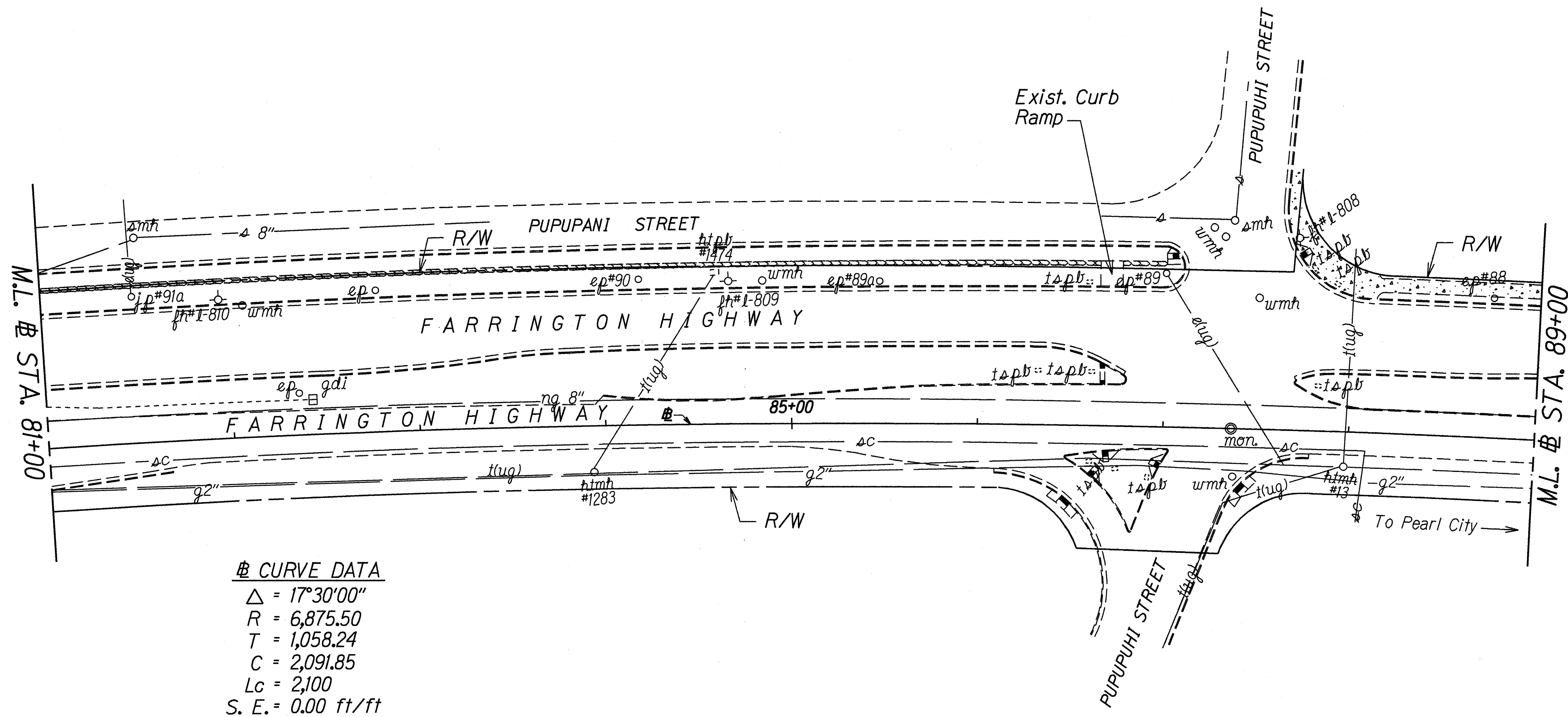
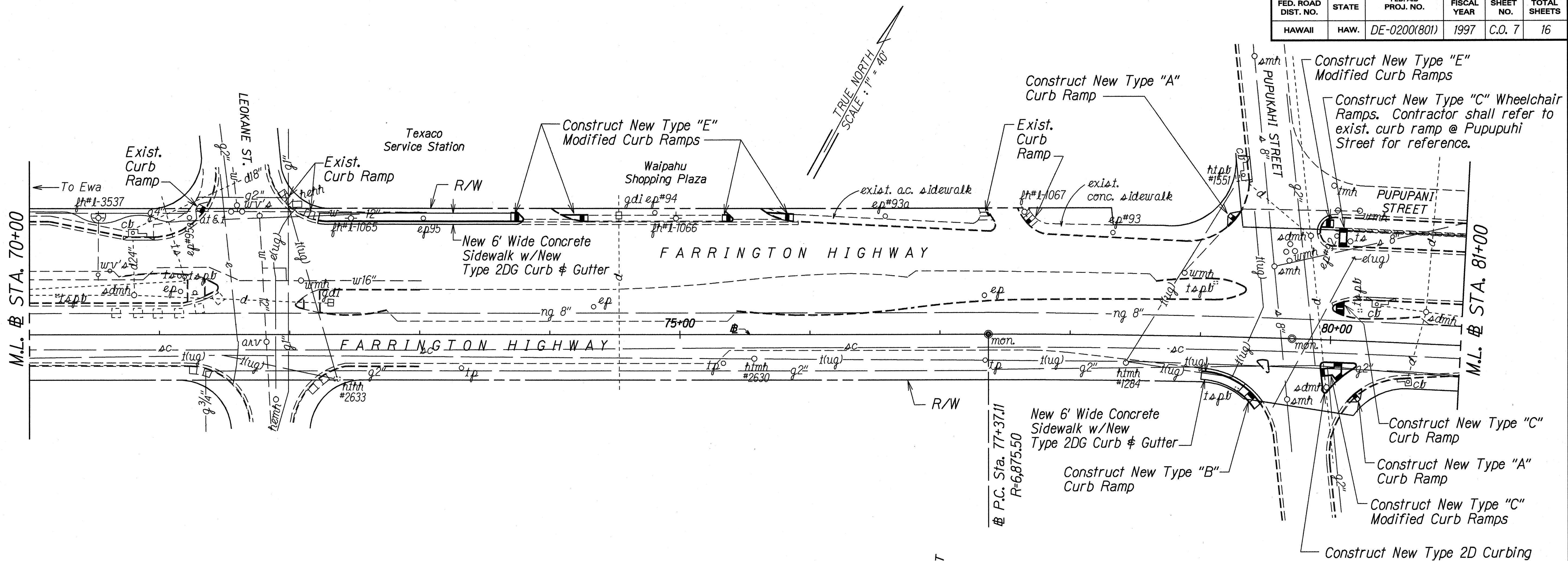


SIDEWALK DETAIL
(Existing Obstruction within the Sidewalk)
Not to Scale

8/21/97	Replaced new 6' wide a.c. sidewalk with new 6' wide concrete sidewalk. Revised sidewalk detail.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PLAN FARRINGTON HIGHWAY IMPROVEMENTS Fort Weaver Road Towards Waipahu High Sch. Federal Aid Project No. DE-0200(801) Scale: 1" = 40' Date: Feb., 1997	
SHEET No. 1 OF 6 SHEETS	

ORIGINAL PLAN	DATE
NOTED	3/25/96
DESIGNED BY	
CHECKED BY	
QUANTITIES BY	
CONCRETE BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	C.O. 7	16



△ CURVE DATA
 $\Delta = 17^{\circ}30'00''$
 $R = 6,875.50$
 $T = 1,058.24$
 $C = 2,091.85$
 $L_c = 2,100$
 $S. E. = 0.00 \text{ ft/ft}$

8/26/97	Replaced new 6' wide a.c. sidewalk with new 6' wide concrete sidewalk w/ type 2DG Curb & Gutter. Construct New 2d curbing
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DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

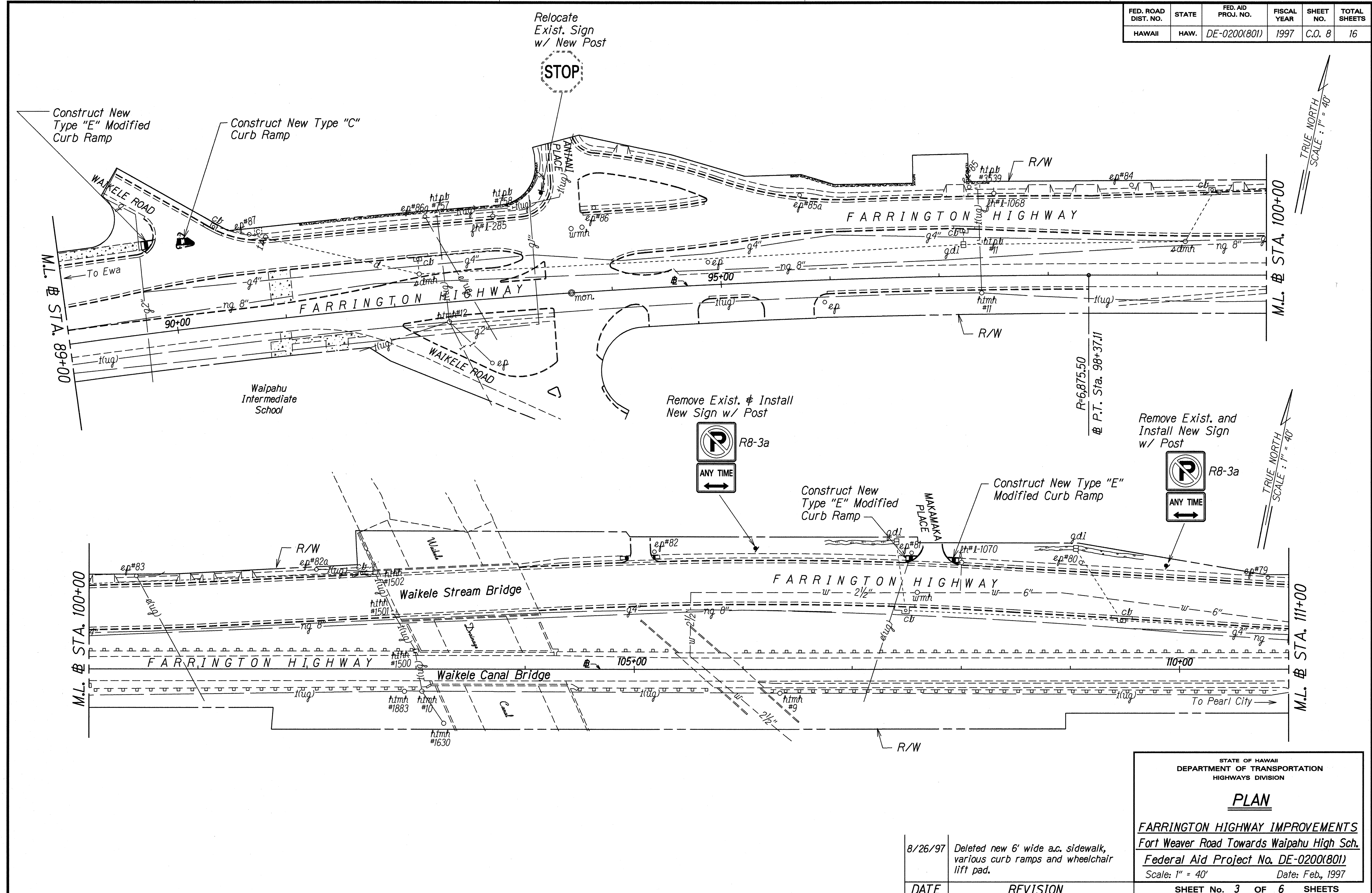
PLAN

FARRINGTON HIGHWAY IMPROVEMENTS
Fort Weaver Road Towards Waipahu High Sch.
Federal Aid Project No. DE-0200(801)
Scale: 1" = 40' Date: Feb., 1997

SHEET No. 2 OF 6 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	1/25/98
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
APPROVED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	C.O. 8	16

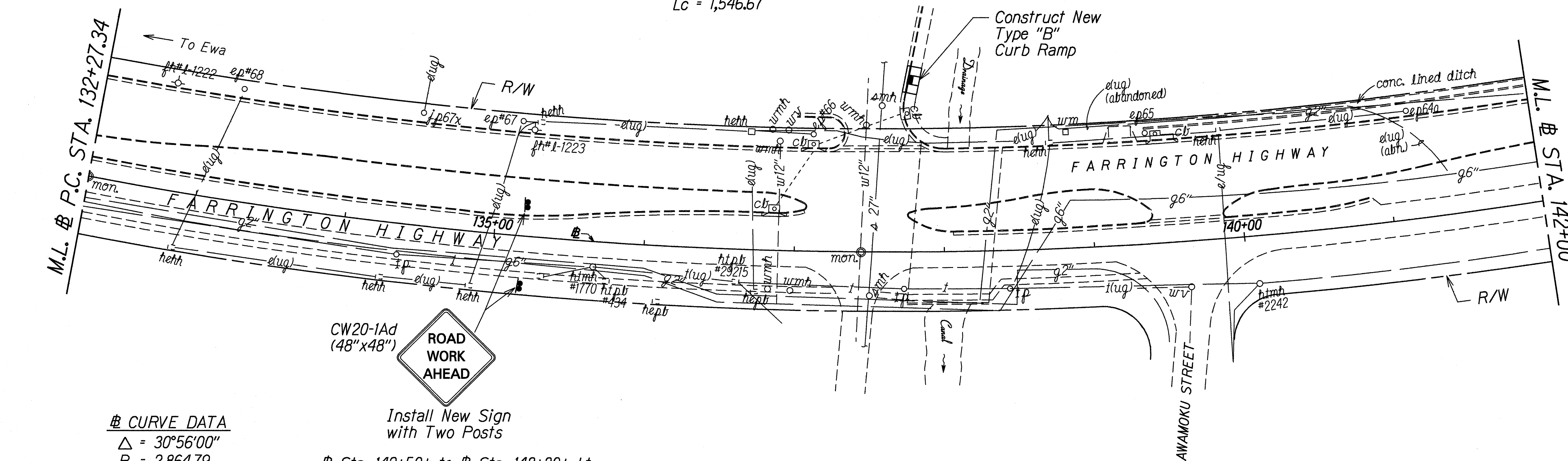


AS-BUILT	C.O. 9
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	C.O. 10	16

CURVE DATA

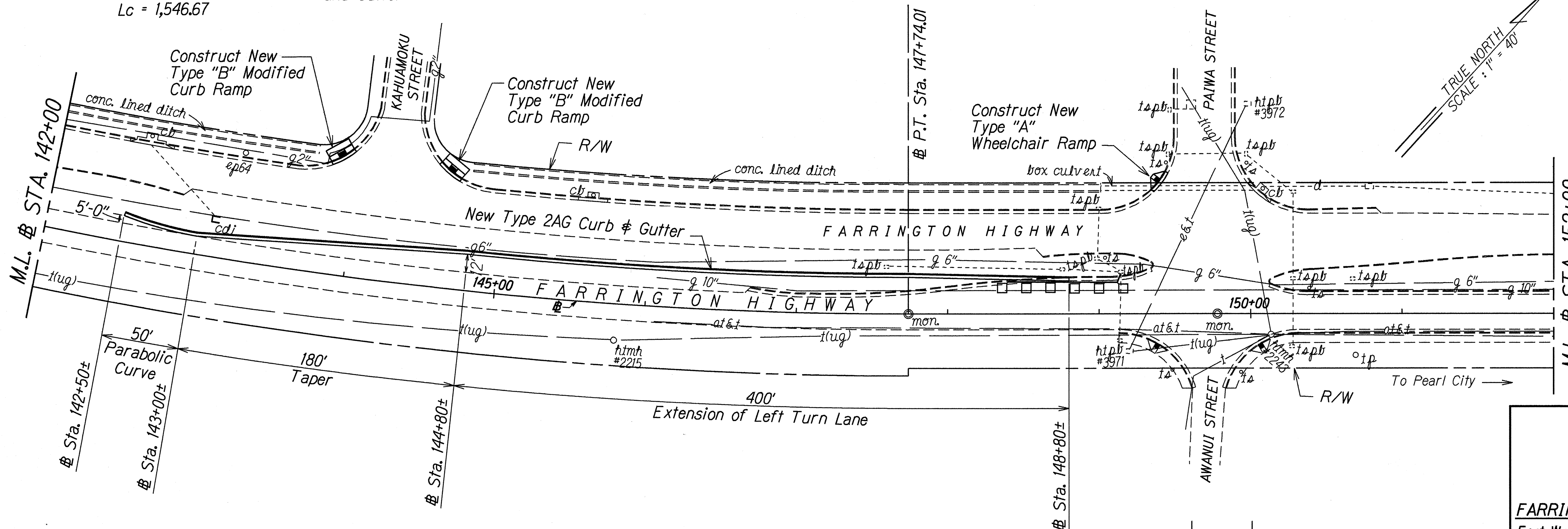
$\Delta = 30^{\circ}56'00''$
 $R = 2,864.79$
 $T = 792.68$
 $C = 1,527.95$
 $Lc = 1,546.67$



CURVE DATA

$\Delta = 30^{\circ}56'00''$
 $R = 2,864.79$
 $T = 792.68$
 $C = 1,527.95$
 $Lc = 1,546.67$

Sta. 142+50± to # Sta. 148+80± Lt.
 Construct New Type 2AG Curb
 and Gutter



8/26/97 Deleted various curb ramps.
 Revised note for curb type.

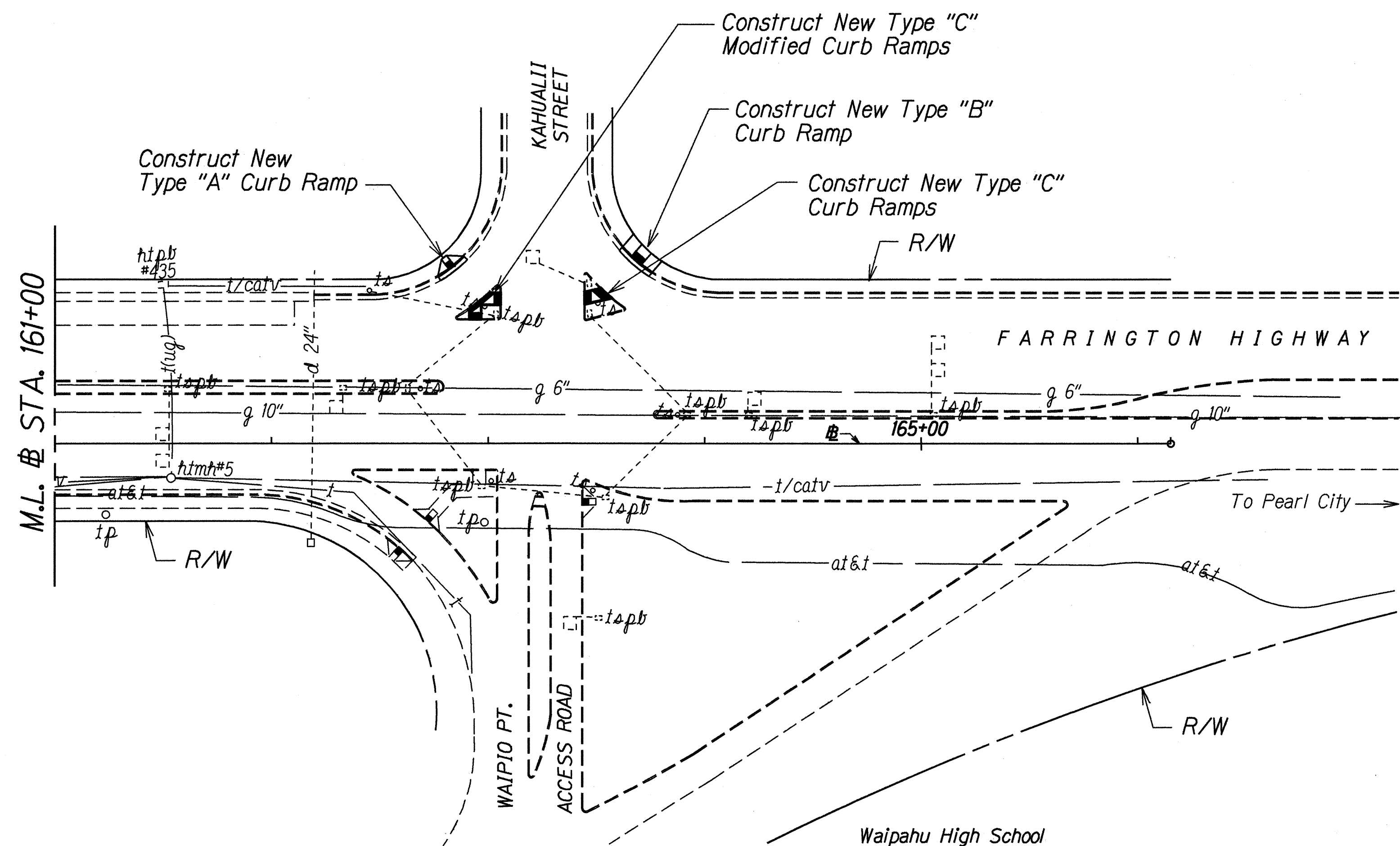
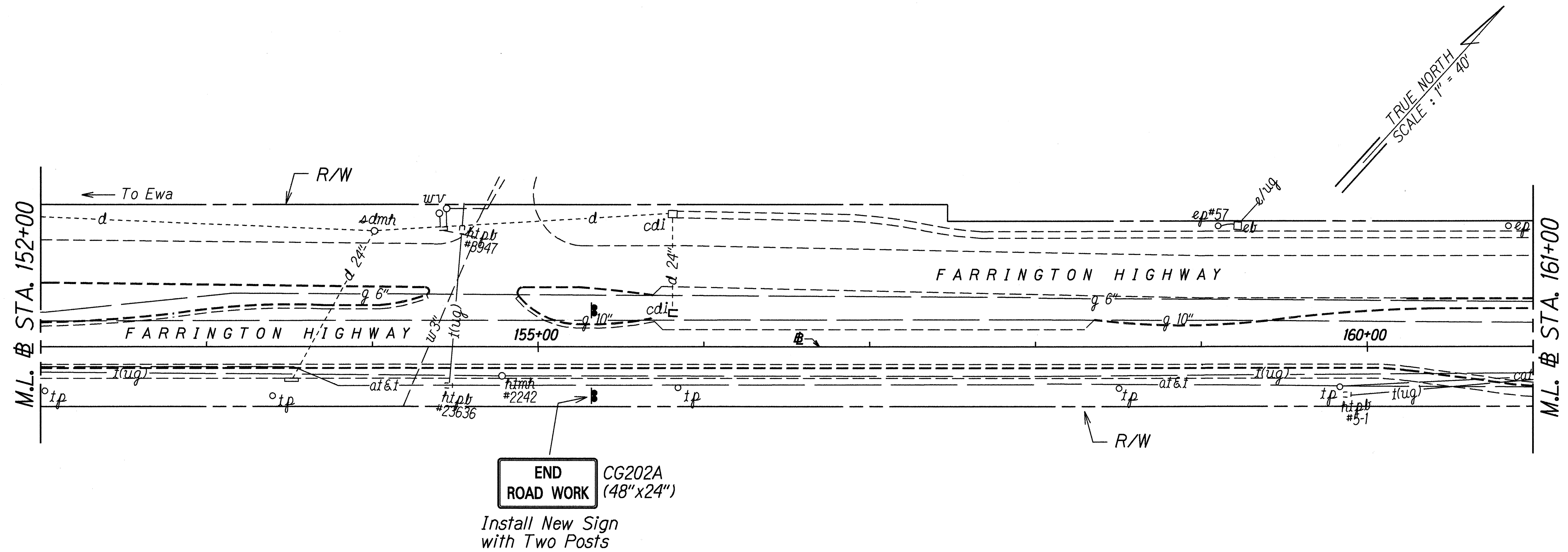
DATE REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN
 FARRINGTON HIGHWAY IMPROVEMENTS
 Fort Weaver Road Towards Waipahu High Sch.
 Federal Aid Project No. DE-0200(801)
 Scale: 1" = 40' Date: Feb., 1997

SHEET No. 5 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	11	16



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED WORK	DRAWN BY B. Hill	1/26/96
NOTED BY	TRACED BY C. Als	
NOTED BY	QUANTIFIED BY	
NOTED BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

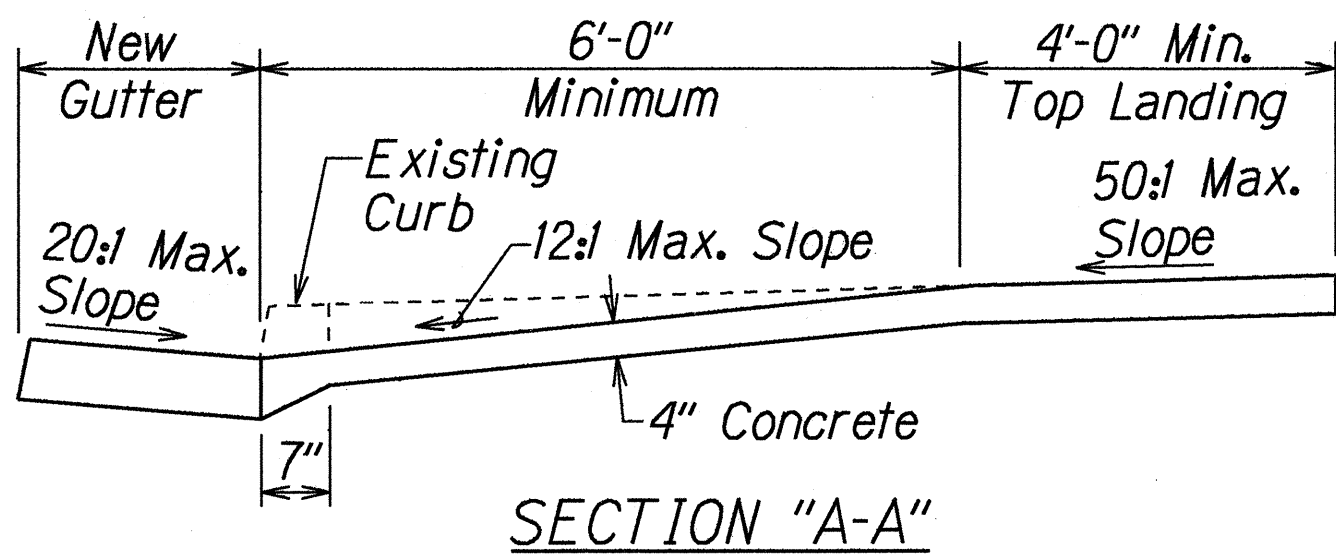
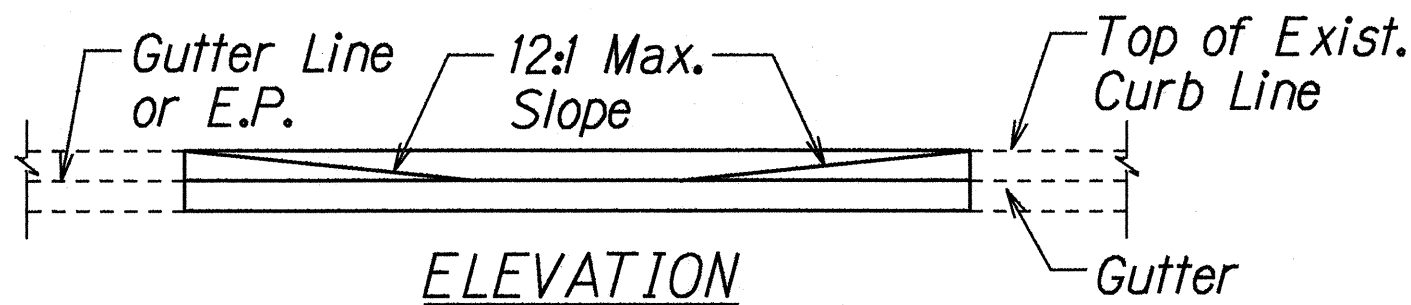
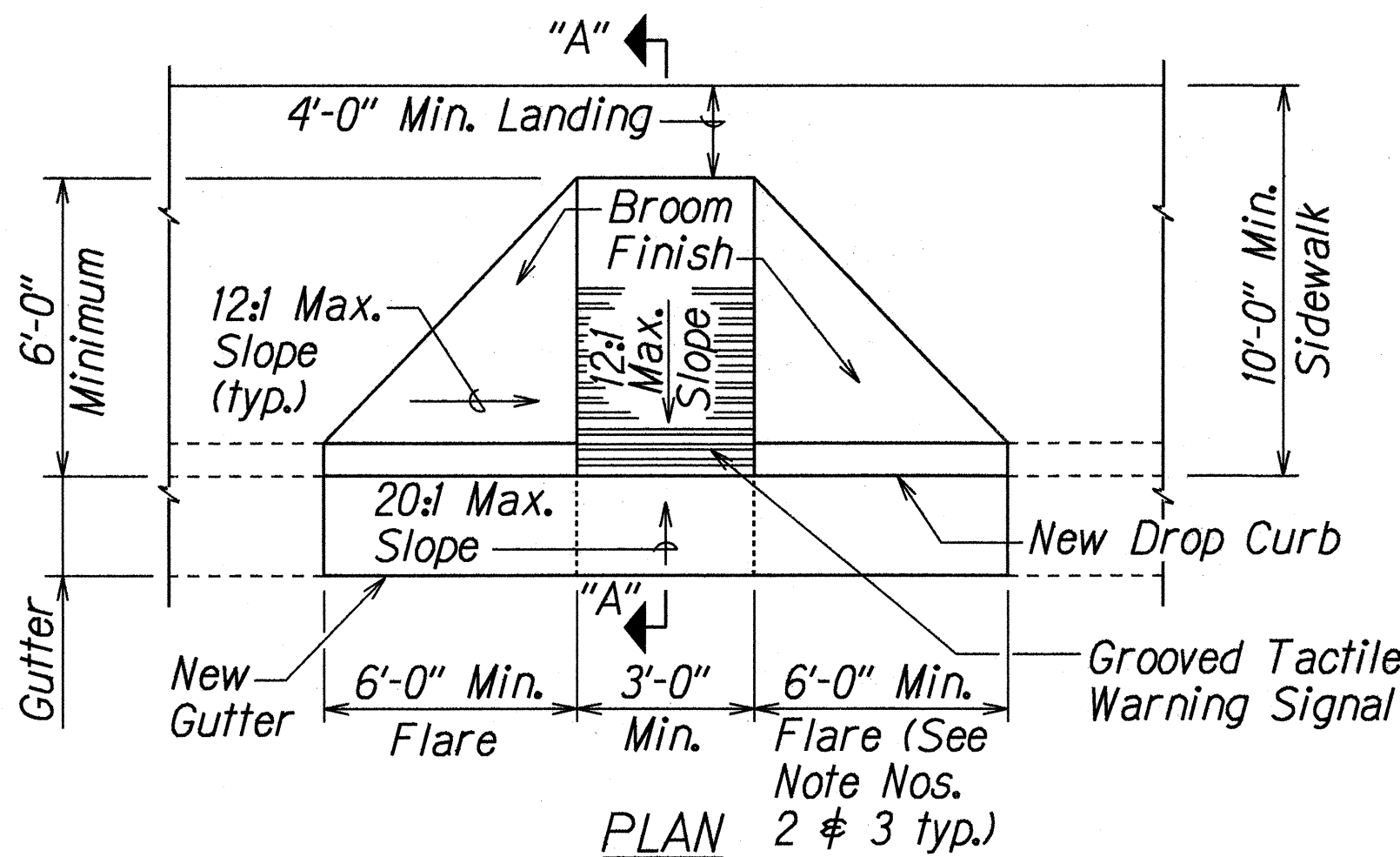
PLAN

FARRINGTON HIGHWAY IMPROVEMENTS
Fort Weaver Road Towards Waipahu High Sch.
Federal Aid Project No. DE-0200(801)
Scale: 1" = 40' Date: Feb., 1997

SHEET No. 6 OF 6 SHEETS

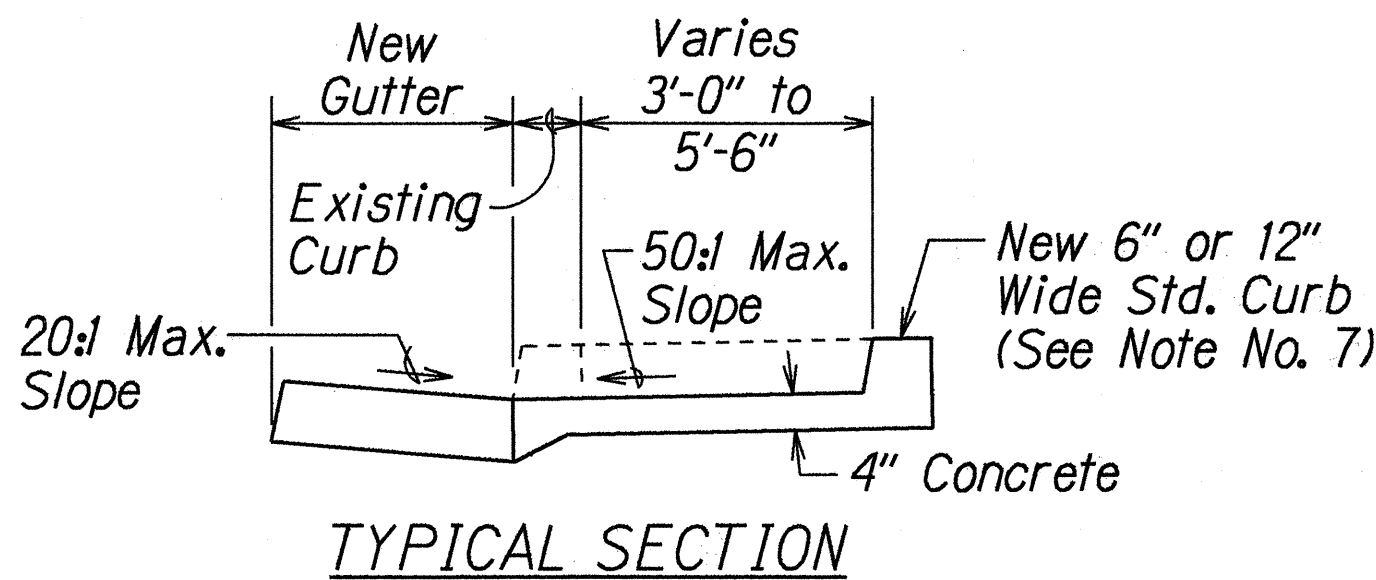
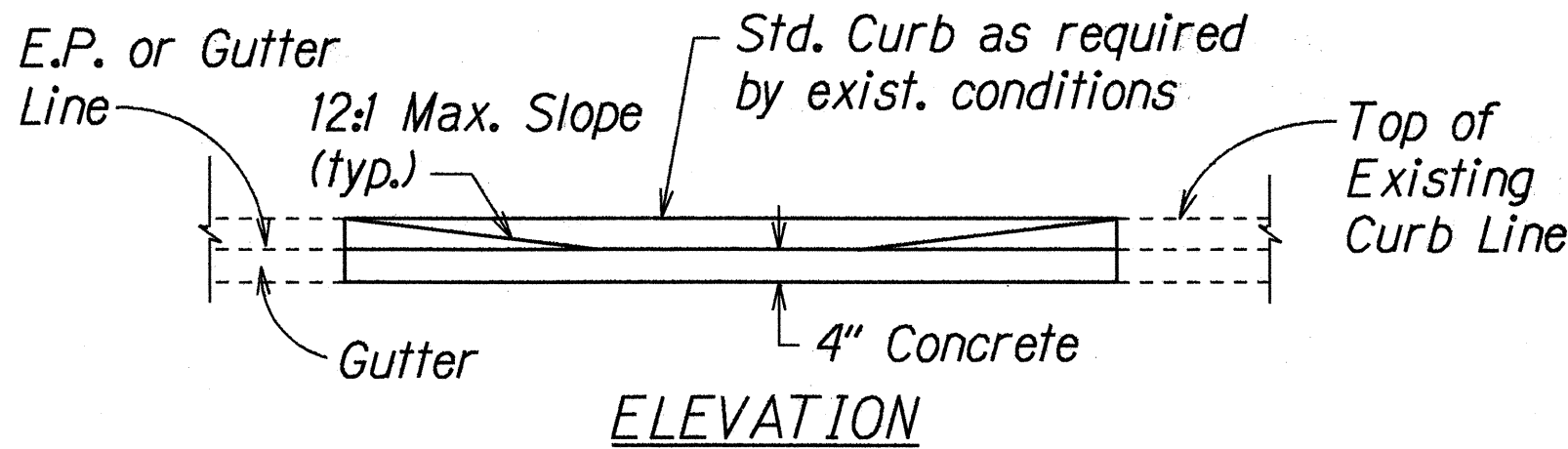
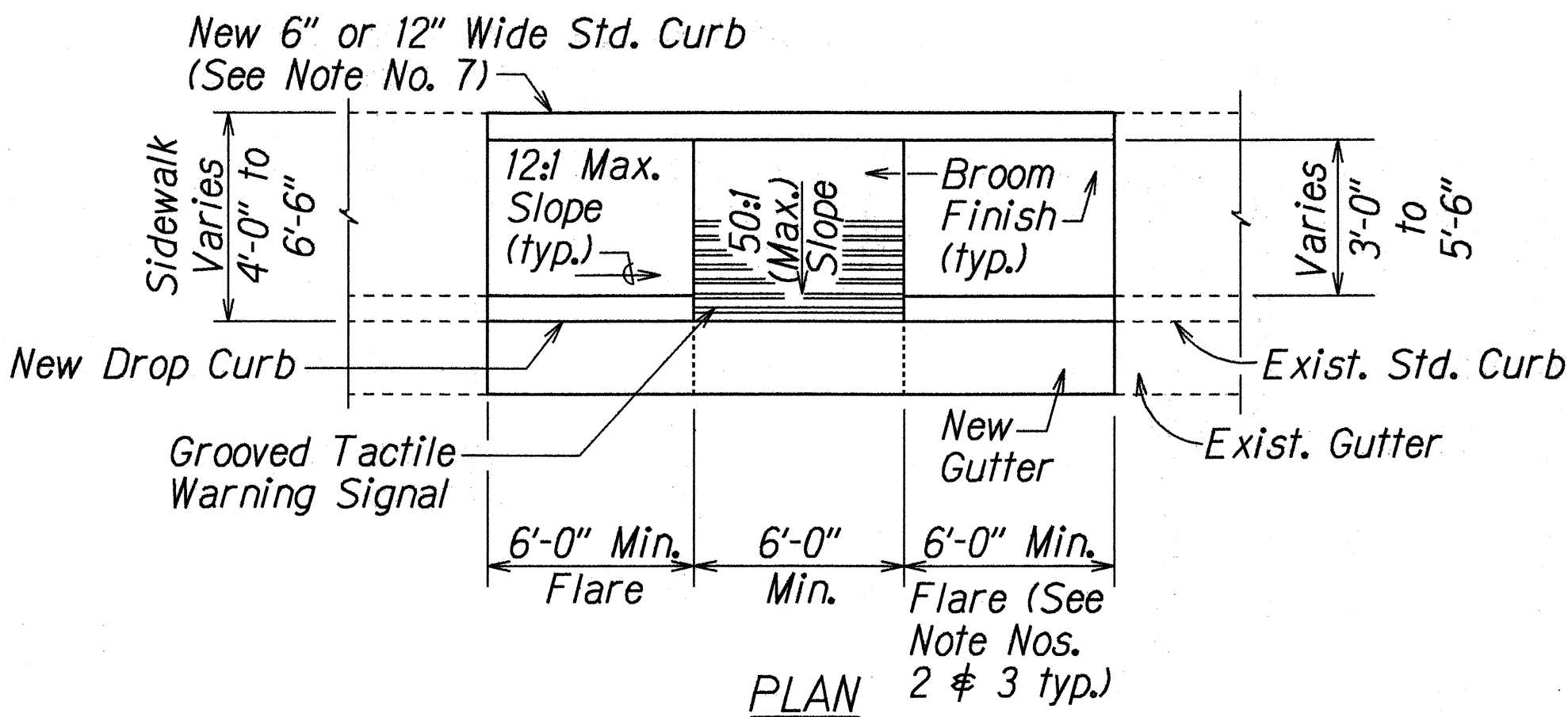
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	ADD. 11S-2	16

- CURB RAMP NOTES:
- The New Gutter fronting the curb ramps shall not exceed a slope of 20:1 maximum. Areas without a gutter shall be handled on a case by case basis in order to meet the 20:1 maximum slope requirement.
 - The New Gutter fronting the 6'-0" minimum flares on both sides of the New Curb Ramps shall have a transition slope from 20:1 maximum to the existing gutter slope.
 - When the curb exceeds the standard 6" height, the side flares and ramp may be greater than 6'-0" in order to meet the 12:1 maximum slope requirement.
 - Curb Ramps shall be reinforced if adjacent sidewalks are reinforced.
 - All new adjacent sidewalks should have a minimum width of 6'-0" excluding the curb and the cross slope shall not exceed 50:1.
 - The Contractor shall use the Edge of Pavement (E.P.) fronting the new curb ramp or gutter as the control elevation when constructing the New Curb Ramp or Curb Ramp with gutter.
 - The New Standard Curb shall be 12" wide at signalized intersection or mid-block pedestrian crossings where the sidewalk width, excluding curbs, is 4'-0" or greater but less than 5'-0". For sidewalk width, excluding curb, is less than 4'-0", an Engineer approved, modified sidewalk with a minimum 3'-0" wide curb ramp and a 12" wide standard curb shall be installed.
 - The width of Curb Ramp including curbs shall match the width of the sidewalk. When the sidewalk width is less than 4'-0", an Engineer approved, modified sidewalk with a minimum 3'-0" wide curb ramp excluding curbs shall be installed. Standard curbs shall be installed on all Type "D" and Modified Type "D" Curb Ramps.



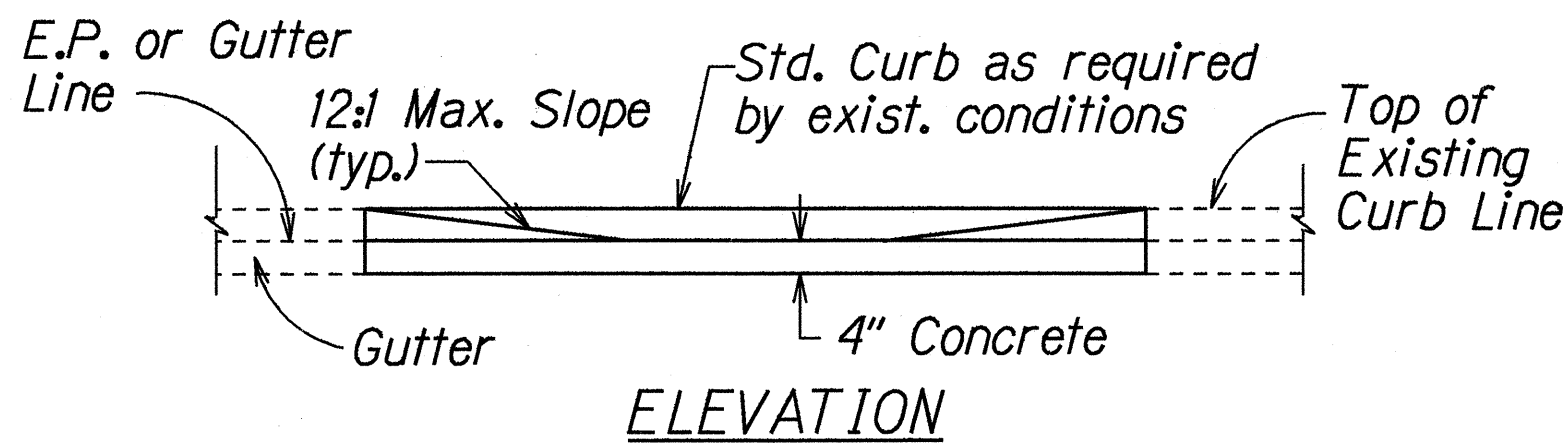
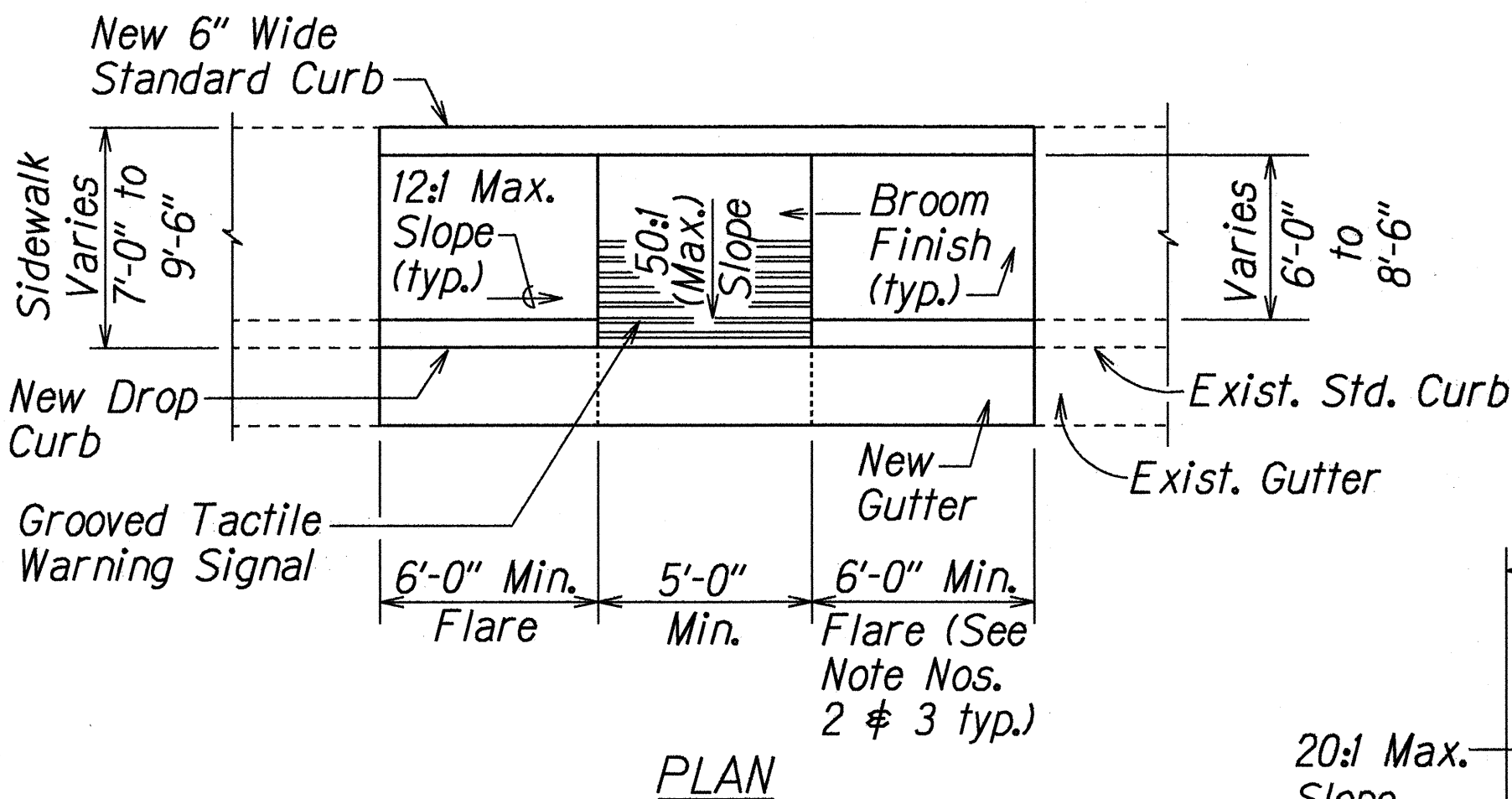
CURB RAMP - TYPE "A"

SIDEWALK WIDTH 10'-0" OR GREATER



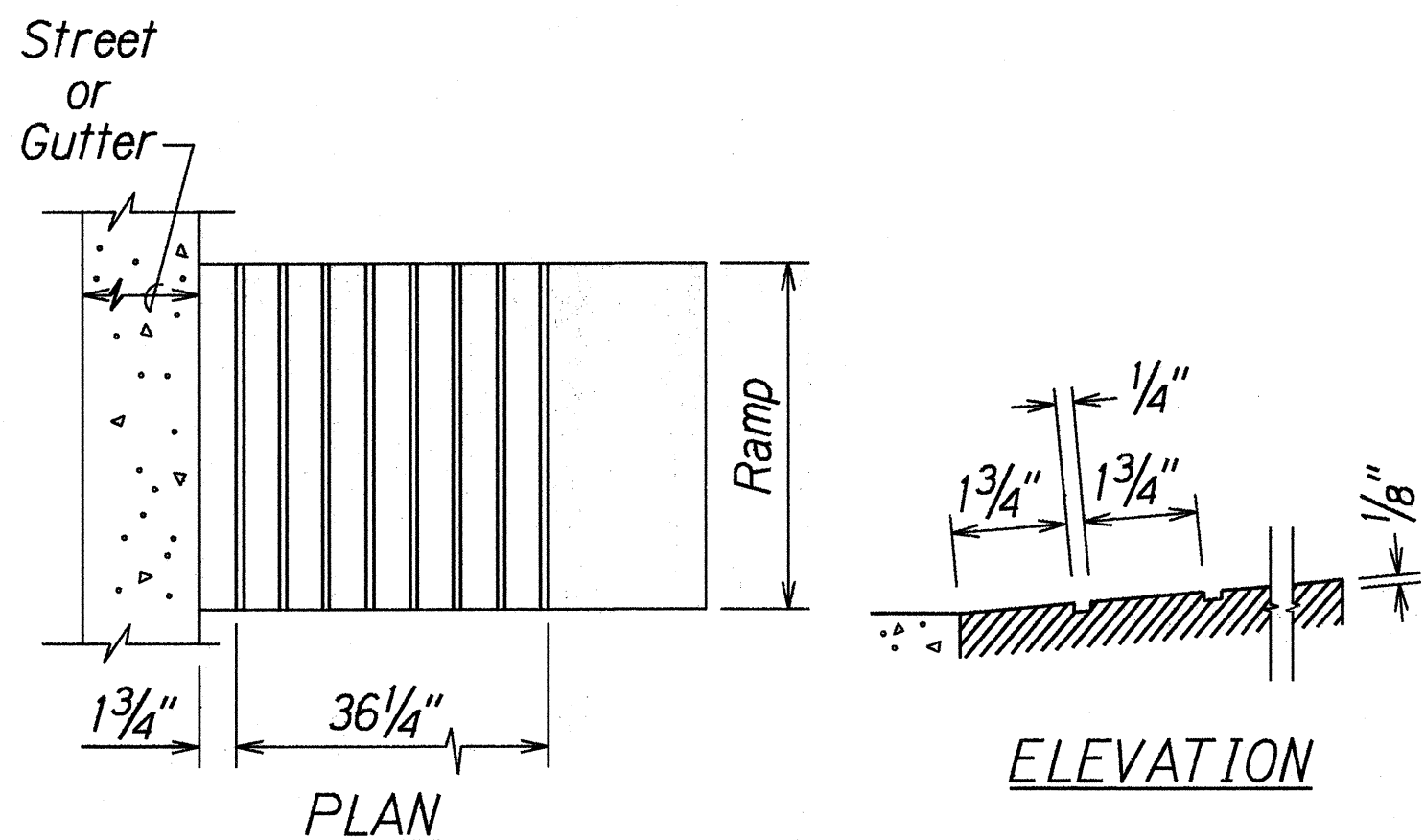
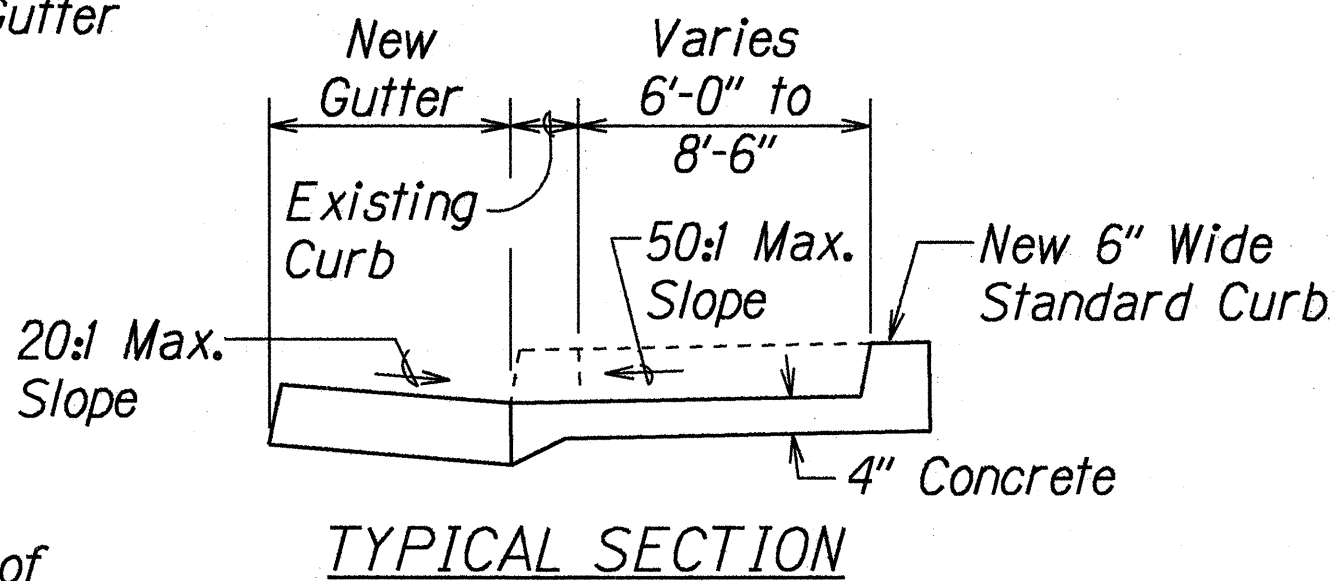
CURB RAMP - TYPE "B"

SIDEWALK WIDTH 4'-0" OR GREATER BUT LESS THAN 7'-0" WIDTH (FOR EXISTING SIDEWALK ONLY)



CURB RAMP - TYPE "B" MODIFIED

SIDEWALK WIDTH 7'-0" OR GREATER BUT LESS THAN 10'-0" WIDTH



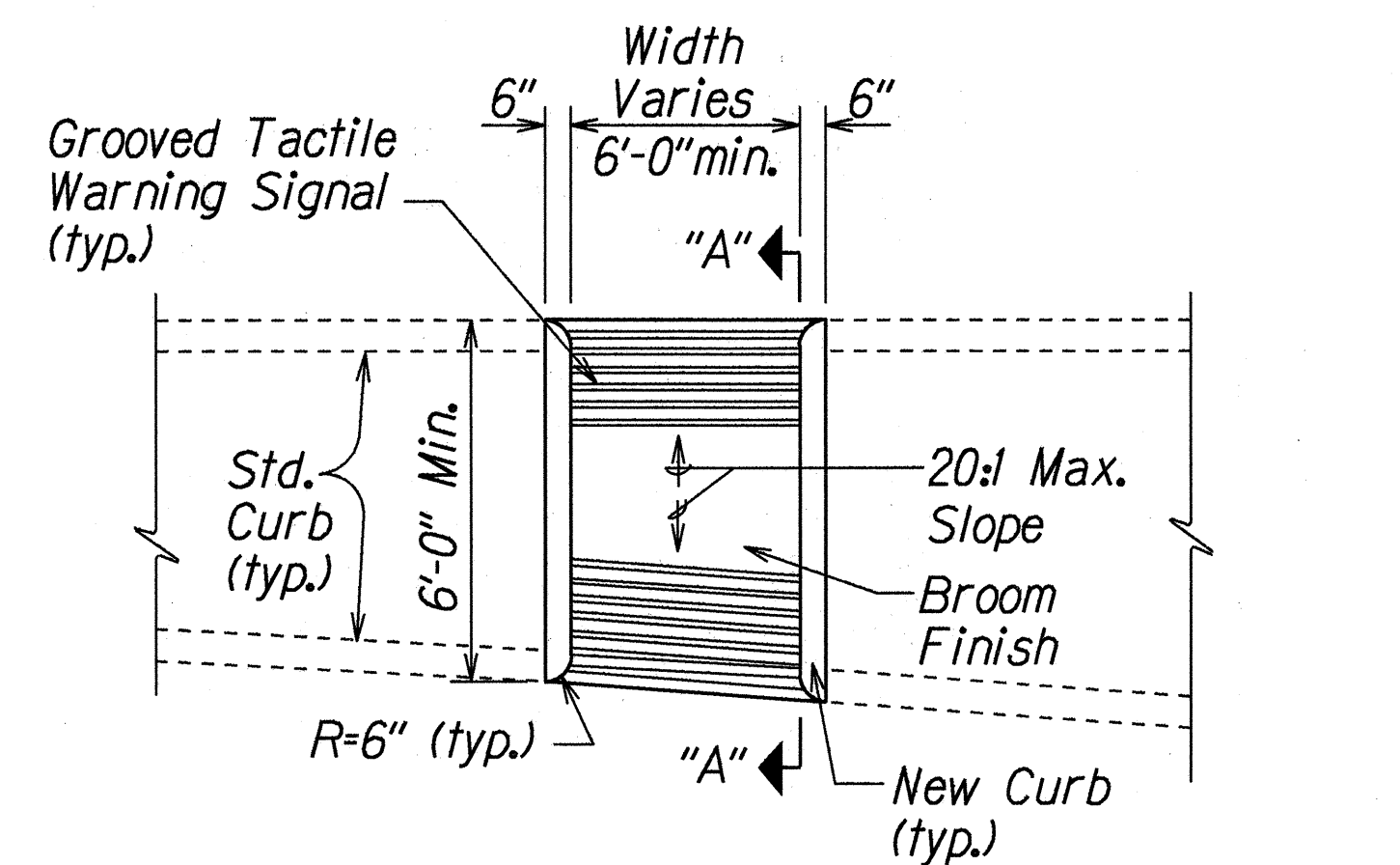
GROOVED TACTILE WARNING SINGAL

DATE	
DESIGNED BY	
CHECKED BY	
NOTED BY	
IN CHARGE	
PROJECT NO.	
SHEET NO.	
TOTAL SHEETS	

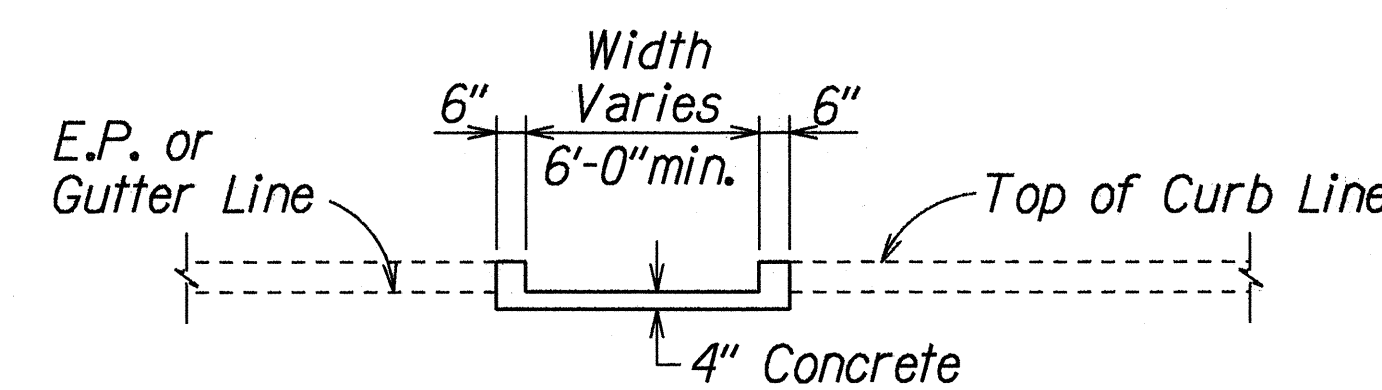
R4-1-97 2 of 3

4/22/97	Sheet Added to Contract Plan set per Addendum No. 1, (Supersedes 650-3a in Special Provisions.)
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
CURB RAMP DETAIL	
FARRINGTON HIGHWAY IMPROVEMENTS Fort Weaver Rd. Towards Waipahu High Sch. Federal Aid Project No. DE-0200(801)	
Not to Scale	Date: April, 1997
SHEET No.	OF SHEETS

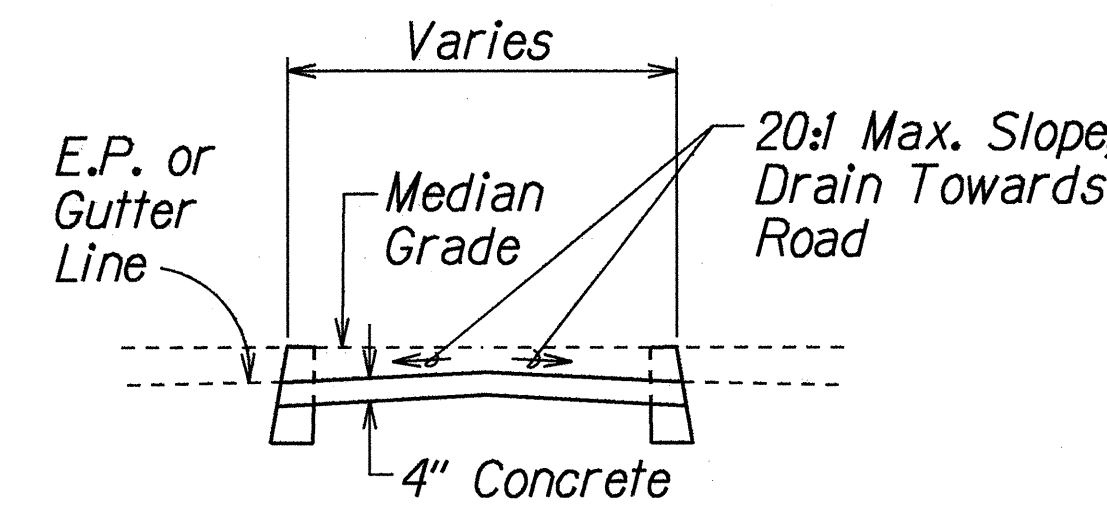
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DE-0200(801)	1997	ADD. 11S-3	16



PLAN

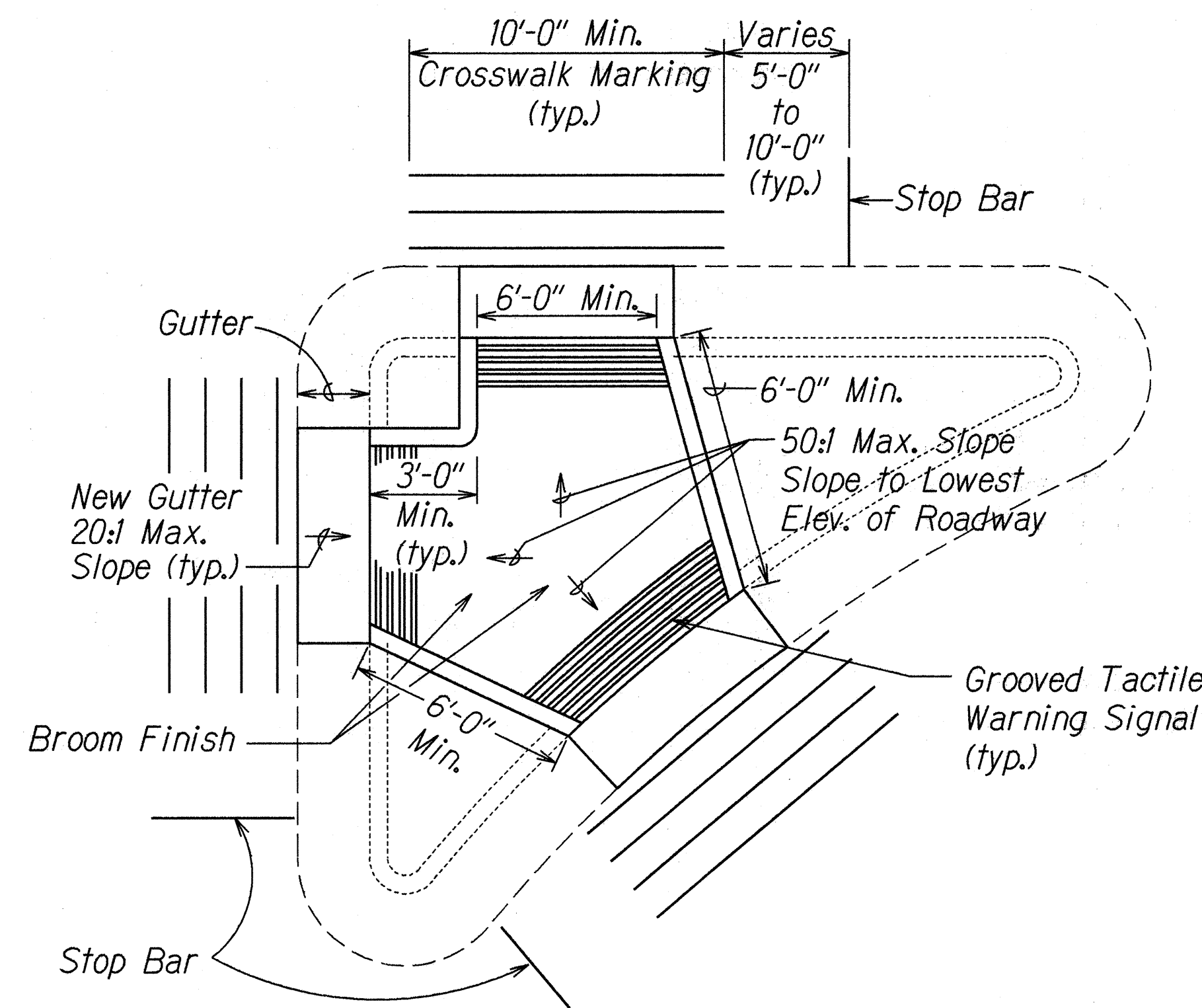


ELEVATION

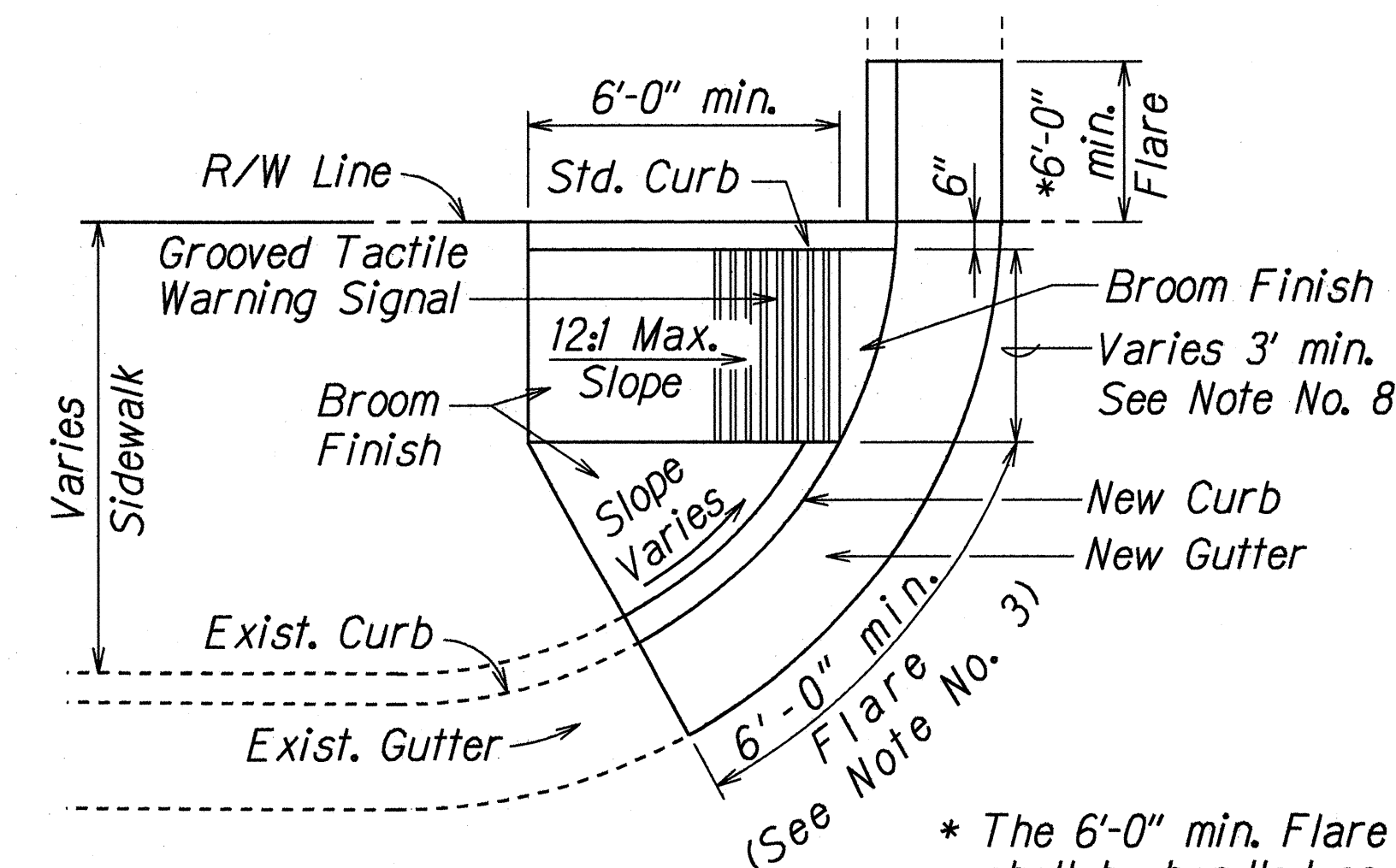


SECTION "A-A"

CURB RAMP - TYPE "C"
USE AT MEDIAN CROSSINGS, ISLANDS

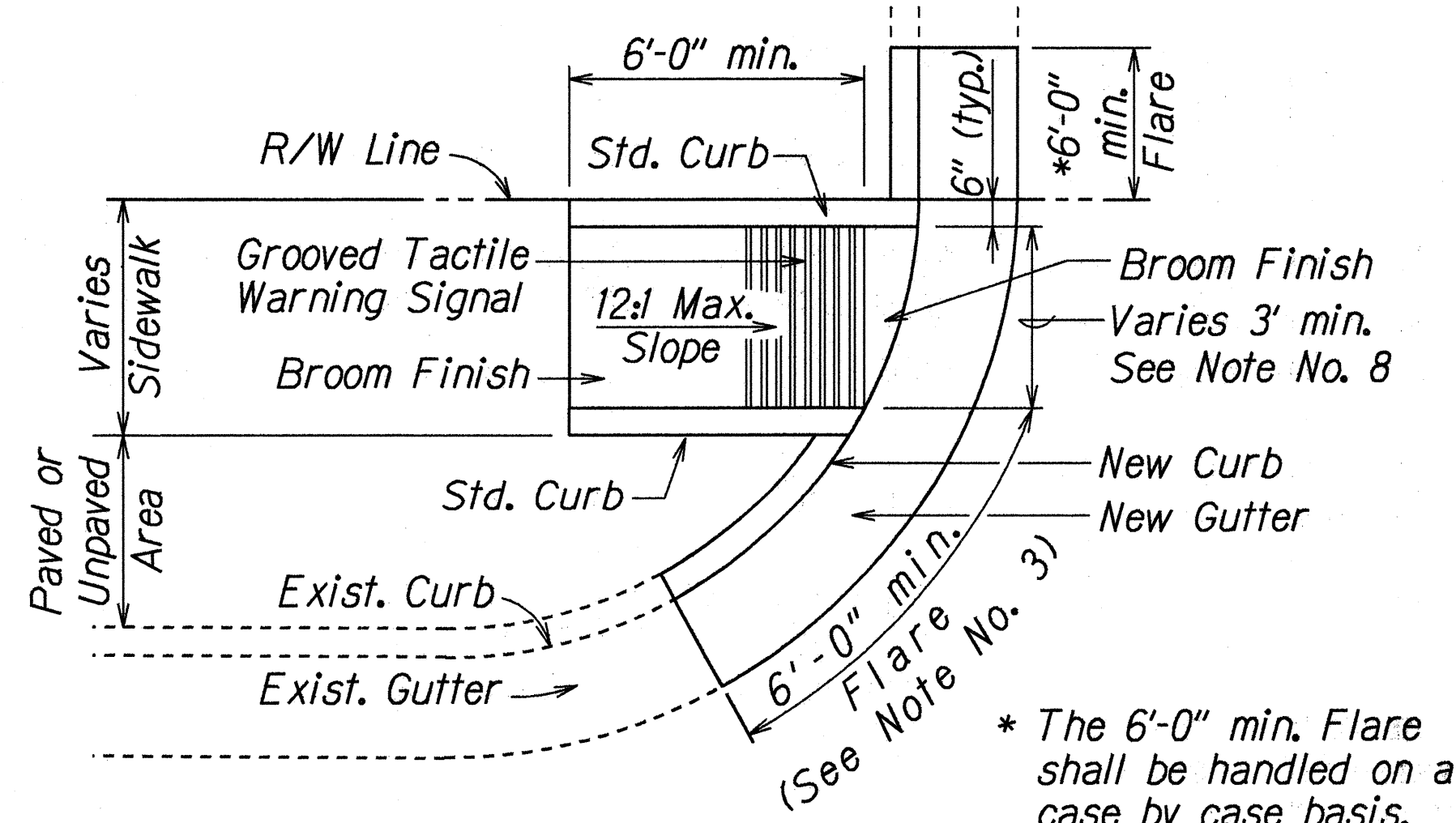


CURB RAMP - TYPE "C" MODIFIED



CURB RAMP - TYPE "E"

* The 6'-0" min. Flare shall be handled on a case by case basis.



CURB RAMP - TYPE "E" MODIFIED

* The 6'-0" min. Flare shall be handled on a case by case basis.

4/22/97	Sheet Added to Contract Plan set per Addendum No. 1, (Supersedes 650-4a in Special Provisions.)
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CURB RAMP DETAIL FARRINGTON HIGHWAY IMPROVEMENTS Fort Weaver Rd. Towards Waipahu High Sch. Federal Aid Project No. DE-0200(801) Not to Scale Date: April, 1997	
SHEET No.	OF SHEETS