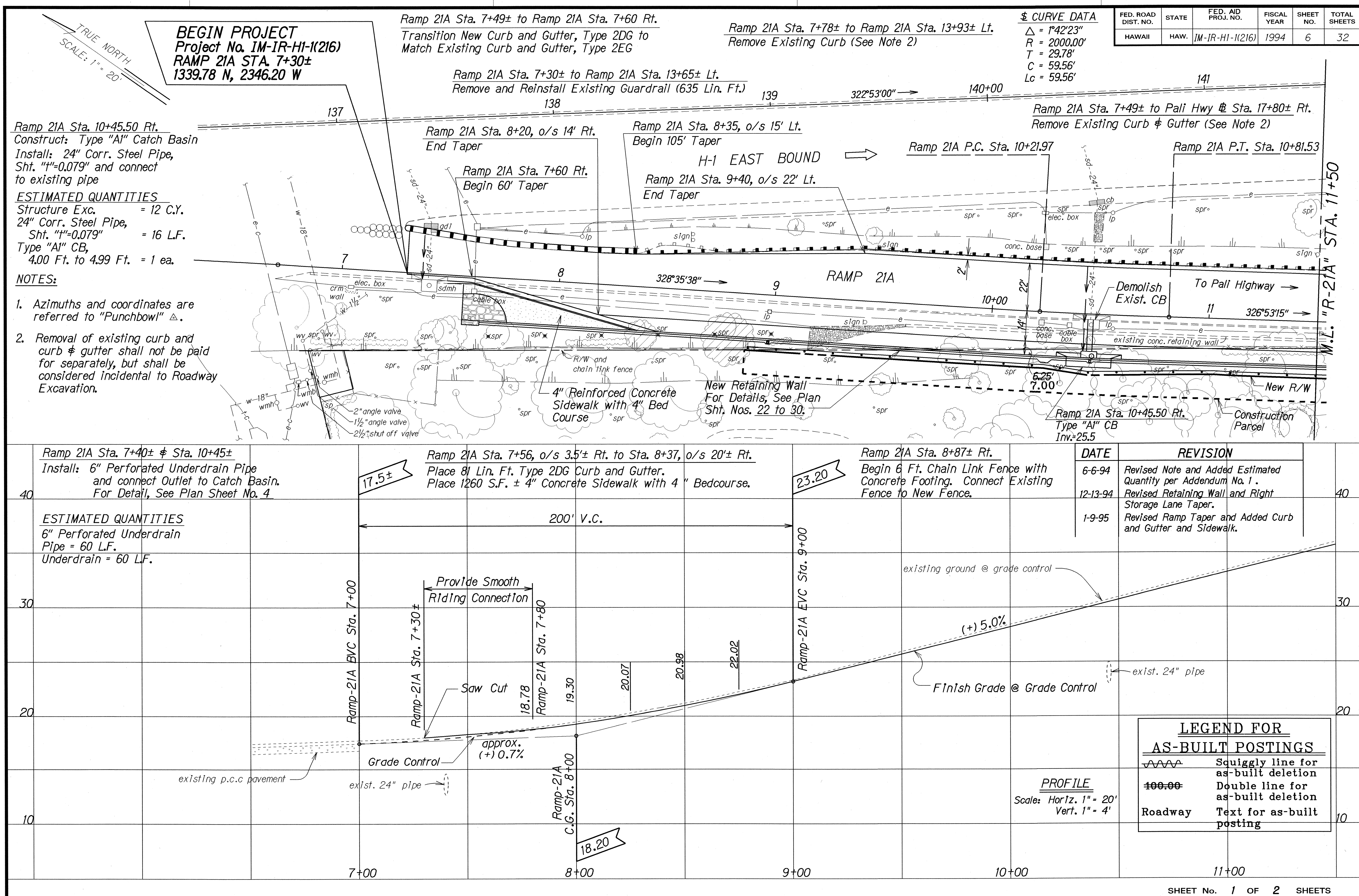




BEGIN PROJECT
Project No. 1M-IR-HI-1(216)
RAMP 21A STA. 7+30±
1339.78 N, 2346.20 W

TRUE NORTH
SCALE: 1" = 20'

Ramp 21A Sta. 10+45.50 Rt.
Construct: Type "A1" Catch Basin
Install: 24" Corr. Steel Pipe,
Sht. "t"=0.079" and connect
to existing pipe

ESTIMATED QUANTITIES
Structure Exc. = 12 C.Y.
24" Corr. Steel Pipe,
Sht. "t"=0.079" = 16 L.F.
Type "A1" CB,
4.00 Ft. to 4.99 Ft. = 1 ea.

NOTES:
1. Azimuths and coordinates are referred to "Punchbowl" Δ.
2. Removal of existing curb and curb & gutter shall not be paid for separately, but shall be considered incidental to Roadway Excavation.

Ramp 21A Sta. 7+49± to Ramp 21A Sta. 7+60 Rt.
Transition New Curb and Gutter, Type 2DG to
Match Existing Curb and Gutter, Type 2EG

Ramp 21A Sta. 7+30± to Ramp 21A Sta. 13+65± Lt.
Remove and Reinstall Existing Guardrail (635 Lin. Ft.)

Ramp 21A Sta. 7+78± to Ramp 21A Sta. 13+93± Lt.
Remove Existing Curb (See Note 2)

CURVE DATA
Δ = 1°42'23"
R = 2000.00'
T = 29.78'
C = 59.56'
Lc = 59.56'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-IR-HI-1(216)	1994	6	32

Ramp 21A Sta. 7+40± & Sta. 10+45±
Install: 6" Perforated Underdrain Pipe
and connect Outlet to Catch Basin.
For Detail, See Plan Sheet No. 4

ESTIMATED QUANTITIES
6" Perforated Underdrain
Pipe = 60 L.F.
Underdrain = 60 L.F.

Ramp 21A Sta. 7+56, o/s 3.5± Rt. to Sta. 8+37, o/s 20± Rt.
Place 8' Lin. Ft. Type 2DG Curb and Gutter.
Place 1260 S.F. ± 4" Concrete Sidewalk with 4" Bedcourse.

Ramp 21A Sta. 8+87± Rt.
Begin 6 Ft. Chain Link Fence with
Concrete Footing. Connect Existing
Fence to New Fence.

DATE	REVISION
6-6-94	Revised Note and Added Estimated Quantity per Addendum No. 1.
12-13-94	Revised Retaining Wall and Right Storage Lane Taper.
1-9-95	Revised Ramp Taper and Added Curb and Gutter and Sidewalk.

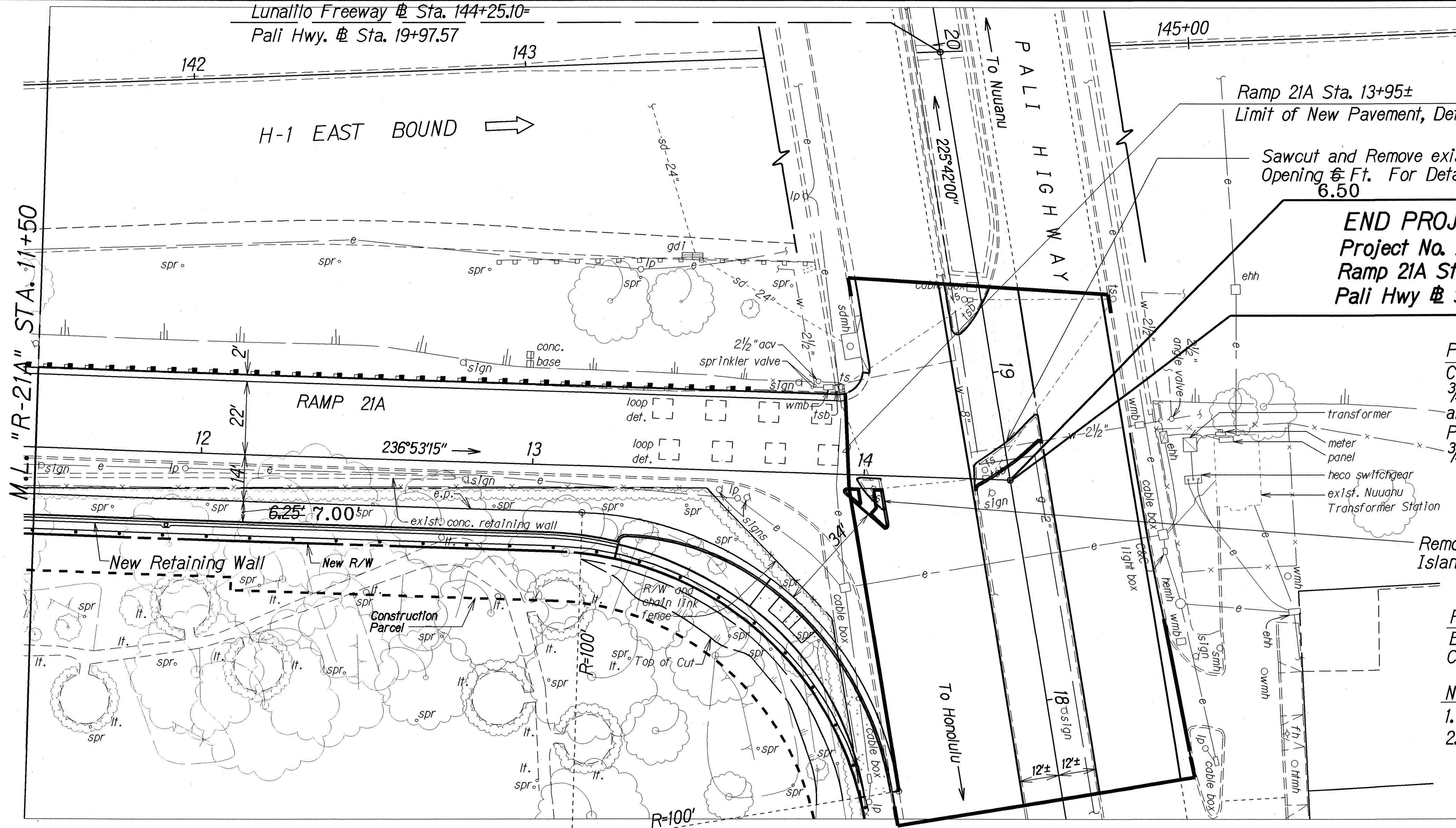
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

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

As-Built

C.O. ADD. 6

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-IR-HI-1(216)	1994	7	32



TRUE NORTH
SCALE: 1" = 20'

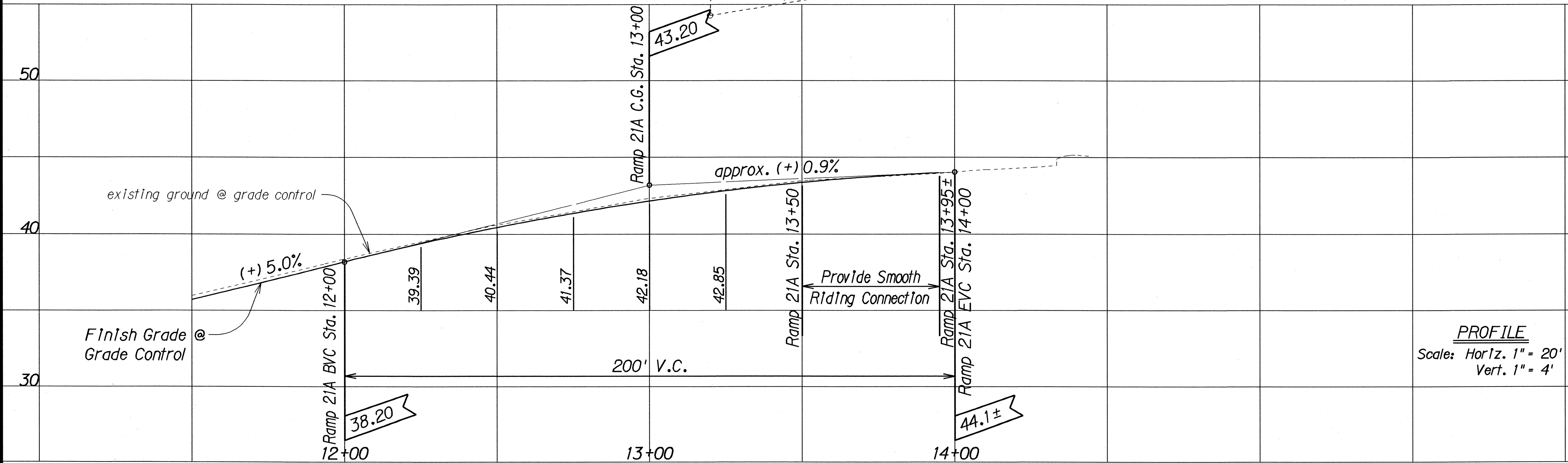
END PROJECT
Project No. IM-IR-HI-1(216)
Ramp 21A Sta. 14+44.11 =
Pali Hwy Sta. 18+67.15

Pali Hwy Sta. 17+70± to Pali Hwy Sta. 19+26±
Cold Plane Existing A.C. Pavement 1½" and Remove ¾" Open Graded Mix from Existing P.C.C. Pavement and Gutters. Resurface A.C. Pavement with 1½" A.C. Pavement Mix No. IV. Overlay P.C.C. Pavement with ¾" A.C. Pavement Mix No. IV.

Remove Existing Island and Construct New Concrete Island. For Detail, See Plan Sht. No. 8

Pali Highway Sta. 17+72± Lt.
End 6 Ft. Chain Link Fence with Concrete Footing. Connect Existing Fence to New Fence.

- Note:**
- See Plan Sht. No. 8 for Intersection Detail.
 - The Contractor shall not use Cold Planing Equipment for the removal of the Open Graded Mix on existing P.C.C. Pavement and Gutters. This work shall be considered incidental to Cold Planing.



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

PROFILE
Scale: Hor 1z. 1" = 20'
Vert. 1" = 4'

DATE	REVISION
6-13-94	Revised Construction Notes per Addendum No. 1

SURVEY PLOTTED BY: <u>G. Alburquerque</u>	DATE: <u>7-26-94</u>
DESIGNED BY: <u>G. Alburquerque</u>	
NOTE BOOK: <u>10/15/94</u>	
QUANTITIES BY: <u>N. 20/94</u>	
CHECKED BY: <u>N. 20/94</u>	