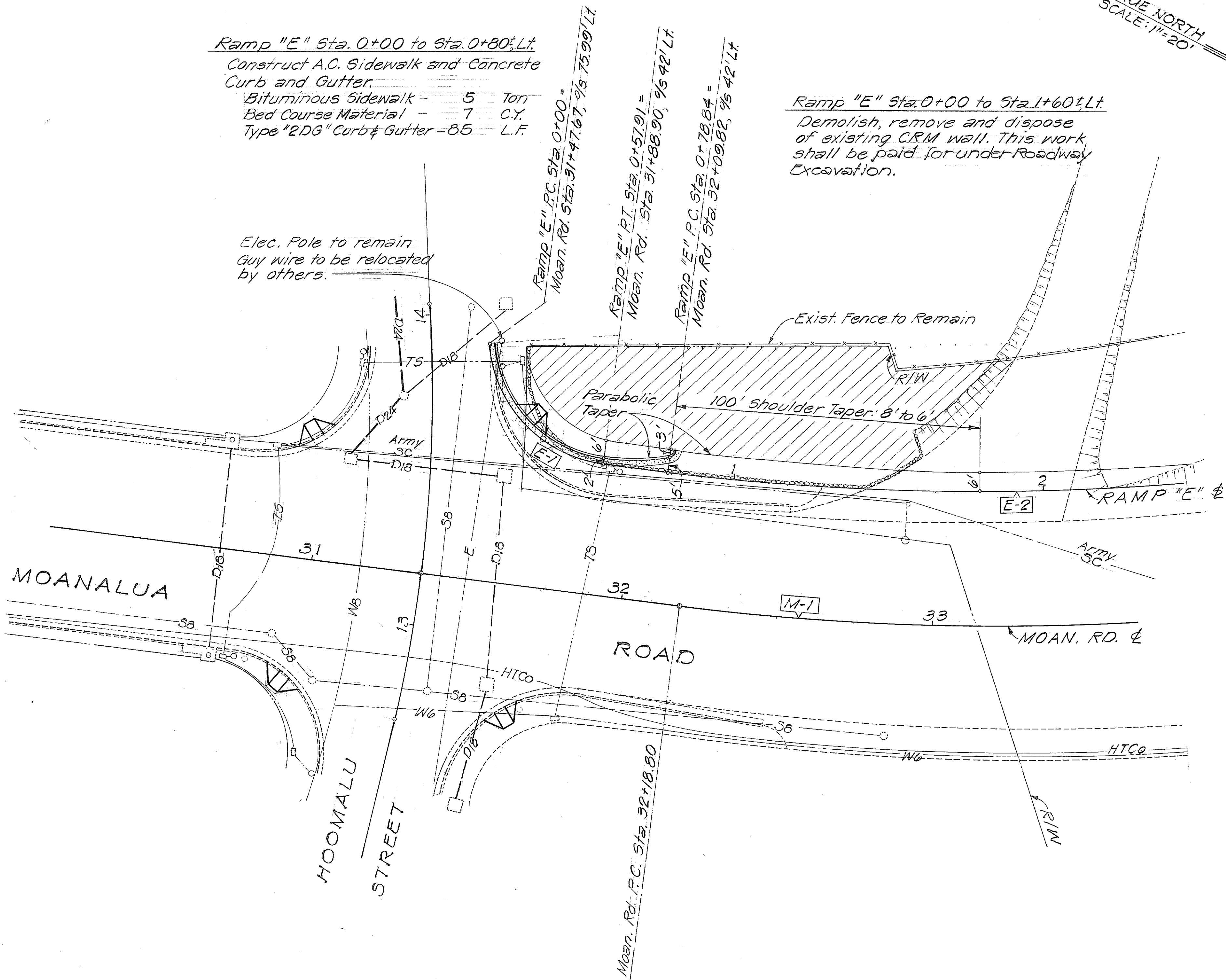


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(165)-10	1983	8	64

GENERAL NOTES

1. This project adds an additional lane to the existing Pearl City Off-Ramp and other related improvements on Moanalua Road. Improvements consist of the following: grading, paving and resurfacing; constructing curbs, gutters, sidewalks, ditches, barrier walls, wheelchair ramps and a catch basin; landscaping; installing guard rails, a highway lighting system, a traffic signal system, traffic signs and pavement markings.
2. The Contractor's attention is directed to the following of the Special Provisions: Subsection 107.13 - Public Convenience and Safety and Section 645 - Traffic Control.
3. Existing utilities locations shown on the plans are approximate only. The Contractor shall verify their actual locations with the various owners and shall be liable for any damages incurred to the existing utilities as a result of his operations. The damaged utilities shall be replaced and/or repaired by the Contractor, in accordance with the standards and specifications of the affected utility, at his expense. Special attention should be given to the existing Army Signal Corp Cable.
4. The Contractor shall install portable concrete guard rail sections while performing his construction operations adjacent to the H-1 Freeway lanes, from Ramp "E" Sta. 32+60± to Sta. 41+90± and/or at other locations as directed by the Engineer. The quantities appearing in the Proposal Schedule are for bidding purposes only. The actual quantities and locations for portable concrete guard rail sections used during construction shall be determined by the Engineer.
5. The Contractor shall make a clean saw cut at locations where a portion of the existing pavement is to remain and a portion of the existing pavement is to be removed.
6. The existing Aggregate Base Course and Subbase Course Materials of the H-1 shoulder that is to be reconstructed can be salvaged and re-used in areas calling for Aggregate Subbase Course.
7. The work involved to cut and plug the existing sprinkler lines and to relocate one sprinkler head at the island between Ramp "E" and Ramp "H" will not be paid for but shall be considered incidental to various contract items.
8. The limits of the Hydro Mulch areas shown on the plans are approximate. The exact limits shall be determined by the Engineer. Clearing and grubbing of the area shall be done by the Contractor prior to mulching if directed by the Engineer. No payment will be made for this work but shall be considered incidental to Hydro Mulch Seeding.



Ramp "E" Sta. 0+00 to Sta. 0+80± Lt.
Construct A.C. Sidewalk and Concrete
Curb and Gutter.
Bituminous Sidewalk - 5 Ton
Bed Course Material - 7 C.Y.
Type "2DG" Curb & Gutter - 85 L.F.

Ramp "E" Sta. 0+00 to Sta. 1+60± Lt.
Demolish, remove and dispose
of existing CRM wall. This work
shall be paid for under Roadway
Excavation.

Elec. Pole to remain.
Guy wire to be relocated
by others.

Exist. Fence to Remain

Moanalua Rd. P.C. Sta. 32+18.80

For Curve Data See Plan Sht. No. 5

Moanalua Rd. Sta. 30+95±, Rt. & Lt. and
Moanalua Rd. Sta. 31+75±, Rt. & Lt.
Construct Wheelchair Ramps
at each corner.
Type "A" Wheelchair Ramp - 4 Ea.

LEGEND

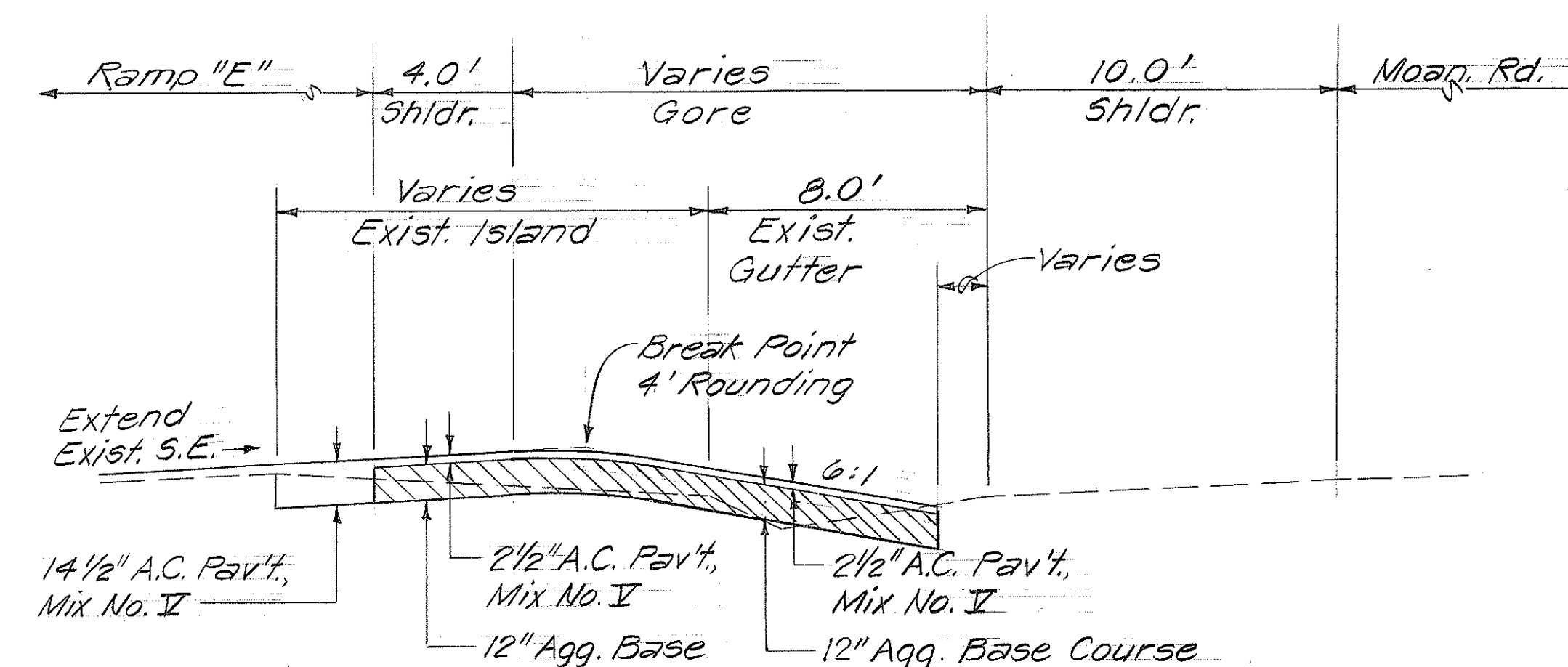
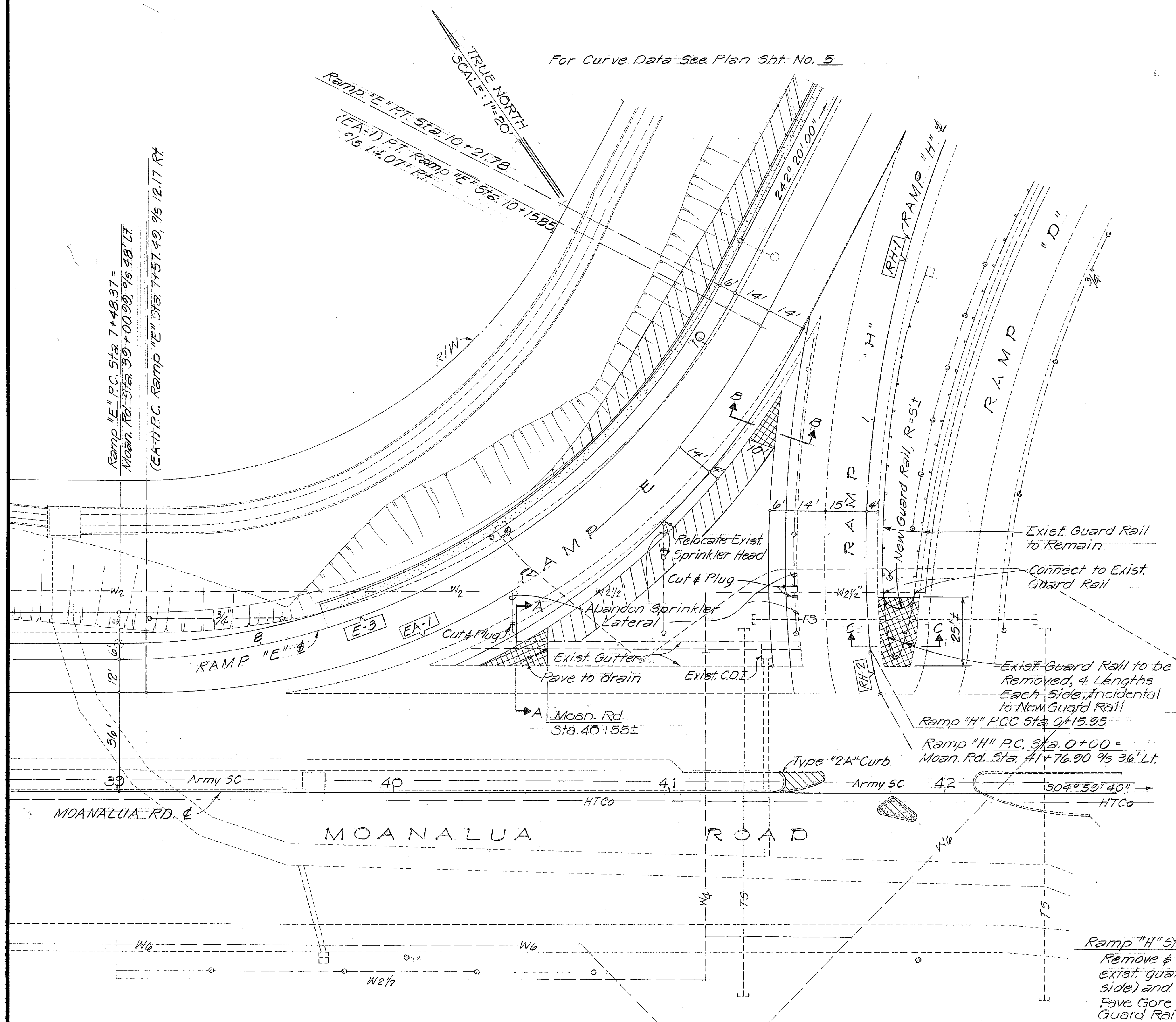
 Hydro Mulch Area

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DETAIL ROADWAY PLAN
& GENERAL NOTES
Interstate Route H-1
Pearl City Off-Ramp Improvements
F.A.I. Proj. No. I-IR-HI-1(165)-10
Scale: As Noted Feb, 1983
SHEET NO. 1 OF 2 SHEETS

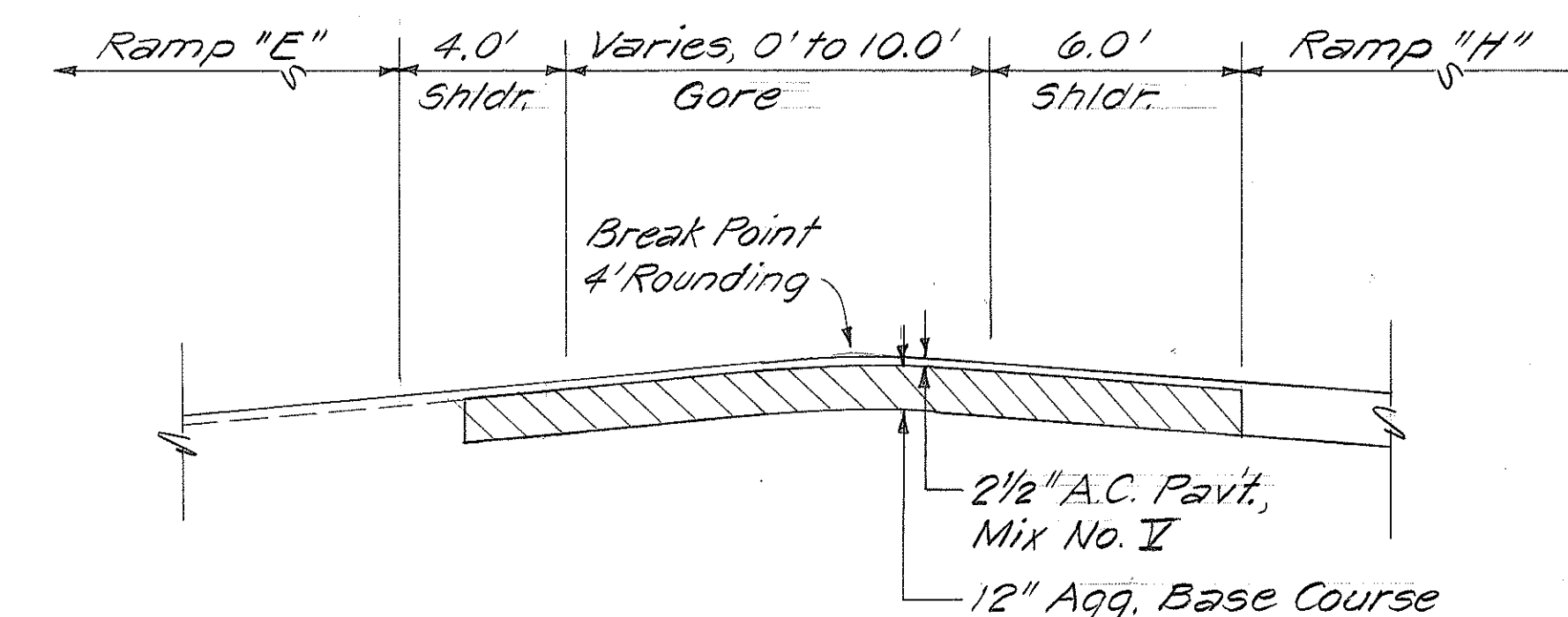
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-(165)-10	1983	9	64

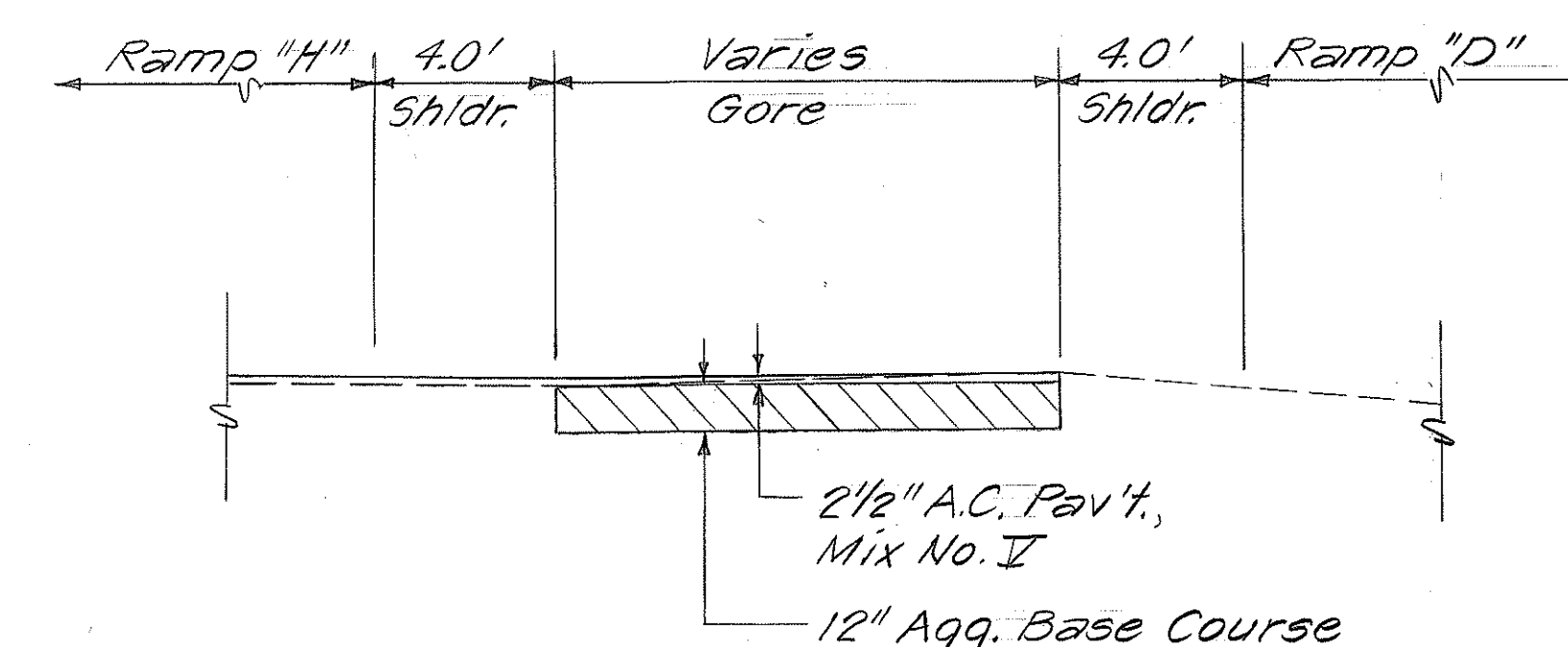


SECTION "A-A"
Scale: 1/4" = 1'-0"

NOTE:
Exist. Paved Gutter within limits of New Pavement shall be demolished and removed. Payment under Roadway Excavation.



SECTION "B-B"
Scale: 1/4" = 1'-0"



SECTION "C-C"
Scale: 1/4" = 1'-0"

Ramp "H" Sta. 0+10± to Sta. 0+33±, Rt.
Remove & dispose of 8 lengths of
exist. guard rail & posts (4 on each
side) and replace with new guard rail.
Pave Gore Area, See Section "C-C."
Guard Rail, Type 3-Single W/Steel Post-16 L.F.

Moan, Rd. Sta. 41+76± to Sta. 41+90±, Rt.
Remove existi. curb & conc. island
and reconstruct pavement.
For Details See Plan Sht. No. 4

Moan. Rd. Sta. 41+38.4 to Sta. 41+57.4 L.
Remove exist. curb & median
and reconstruct pavement.
For Details, See Plan Sht No. 4
Construct Conc. Curb,
Type "2A" Curb - 13 L.F.

LEGEND

- | | |
|---|---------------------|
|  | Reconstructed Pavt. |
|  | Paved Gore Area |
|  | Hydro Mulch Area |

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	" _____
	TRACED BY _____	" _____
NOTE BOOK	DESIGNED BY _____	" _____
	QUANTITIES BY _____	" _____
No. _____	CHECKED BY _____	" _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

DETAIL ROADWAY PLAN
& GENERAL NOTES
Interstate Route H-1
Pearl City Off-Ramp Improvements
F.A.I. Proj. No. I-IR-H-1/(165):10

Scale: As Noted Feb., 1983

SHEET NO. 2 OF 2 SHEETS