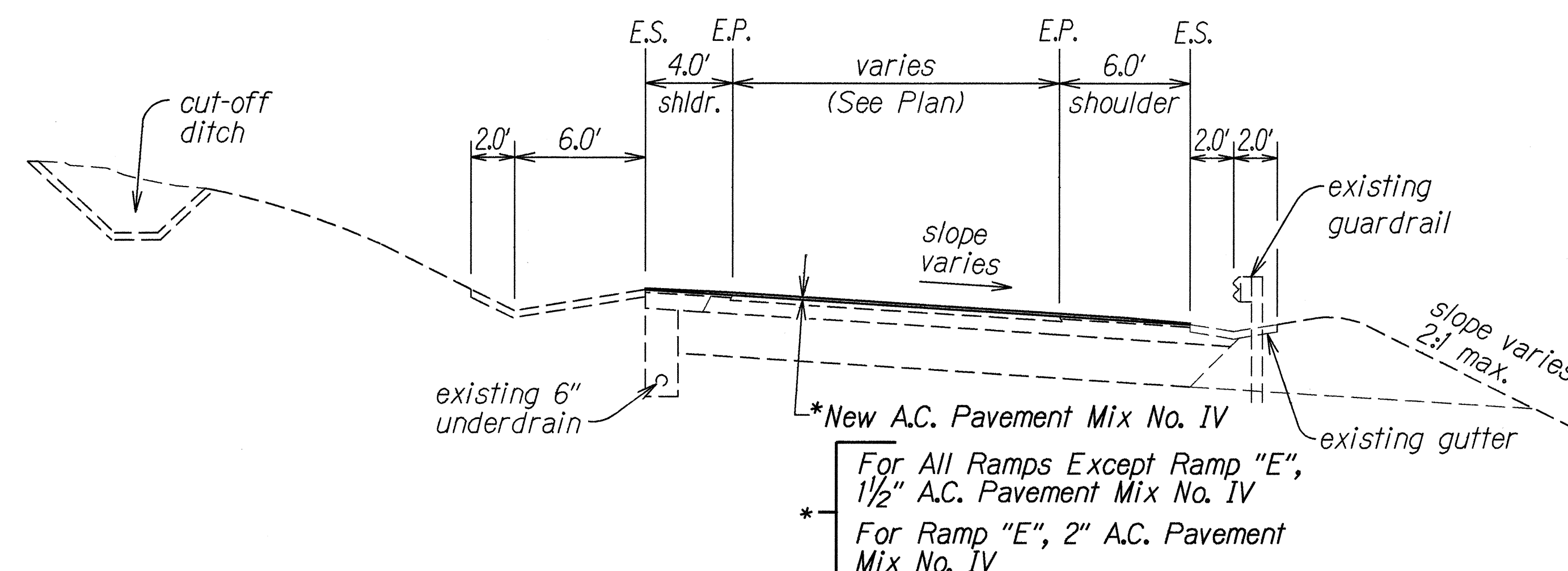
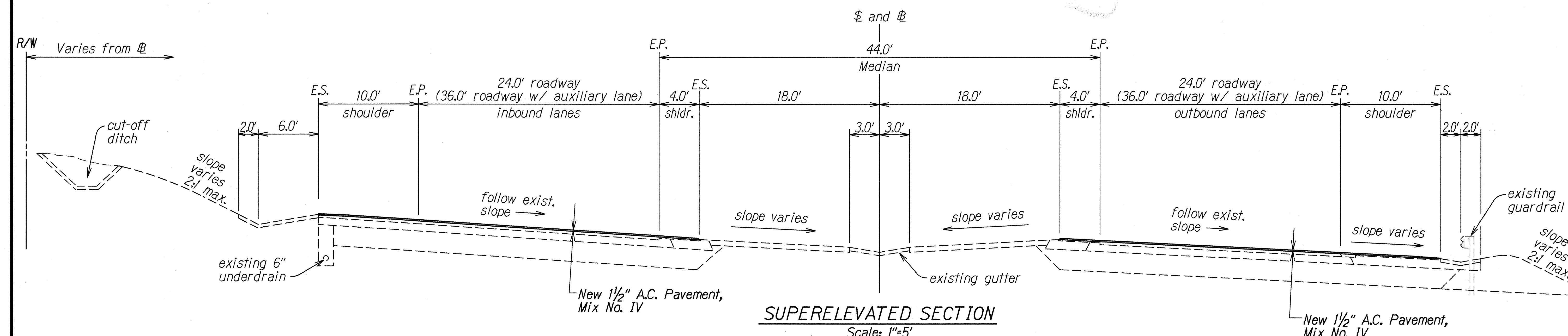
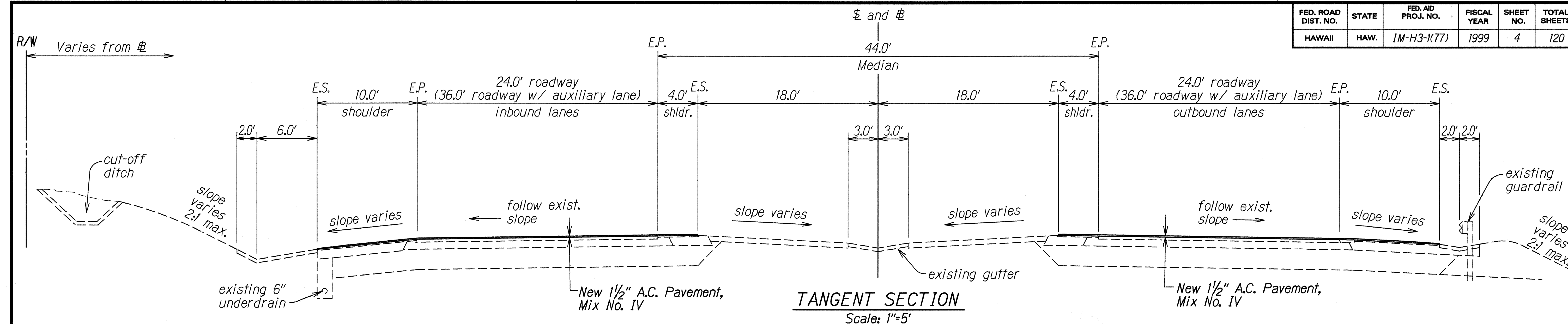


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H3-K77	1999	4	120



Note:
For Paved Shoulder at Guardrail Detail, See Plan Sheet Nos. 5 & 6.

* For All Ramps Except Ramp "E",
1 1/2" A.C. Pavement Mix No. IV
* For Ramp "E", 2" A.C. Pavement
Mix No. IV

DATE	14/16/99
SURVEY PLOTTED BY	
DRAWN BY	G. Alburda
TRACED BY	Hironaka, Nishida, Hiraka
NOTES	
QUANTITIES BY	
CHECKED BY	
NO.	2113015

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

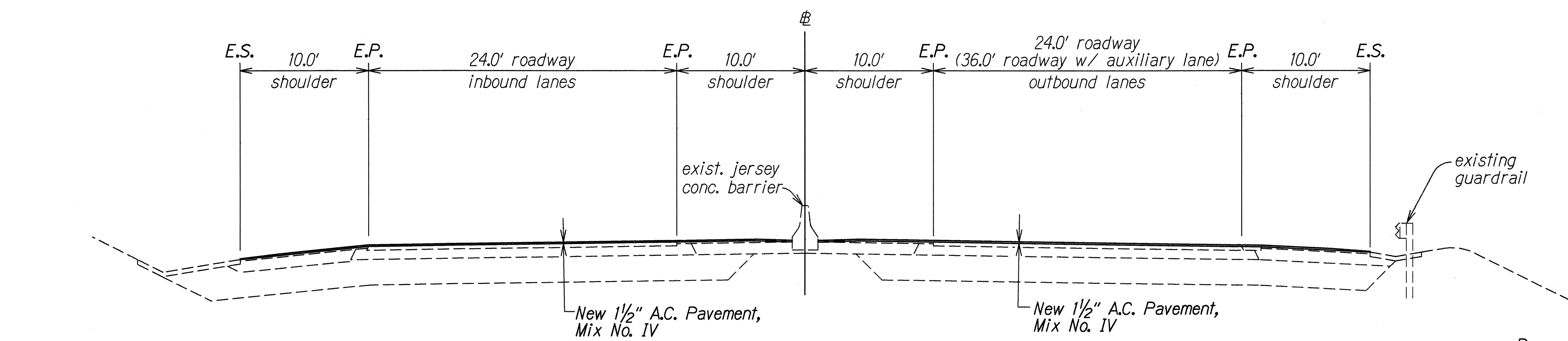
TYPICAL SECTIONS

INTERSTATE ROUTE H-3 RESURFACING
Halekou Interchange to
Kaneohe Marine Corps Base Hawaii
F.A.I. Project No. IM-H3-K77)

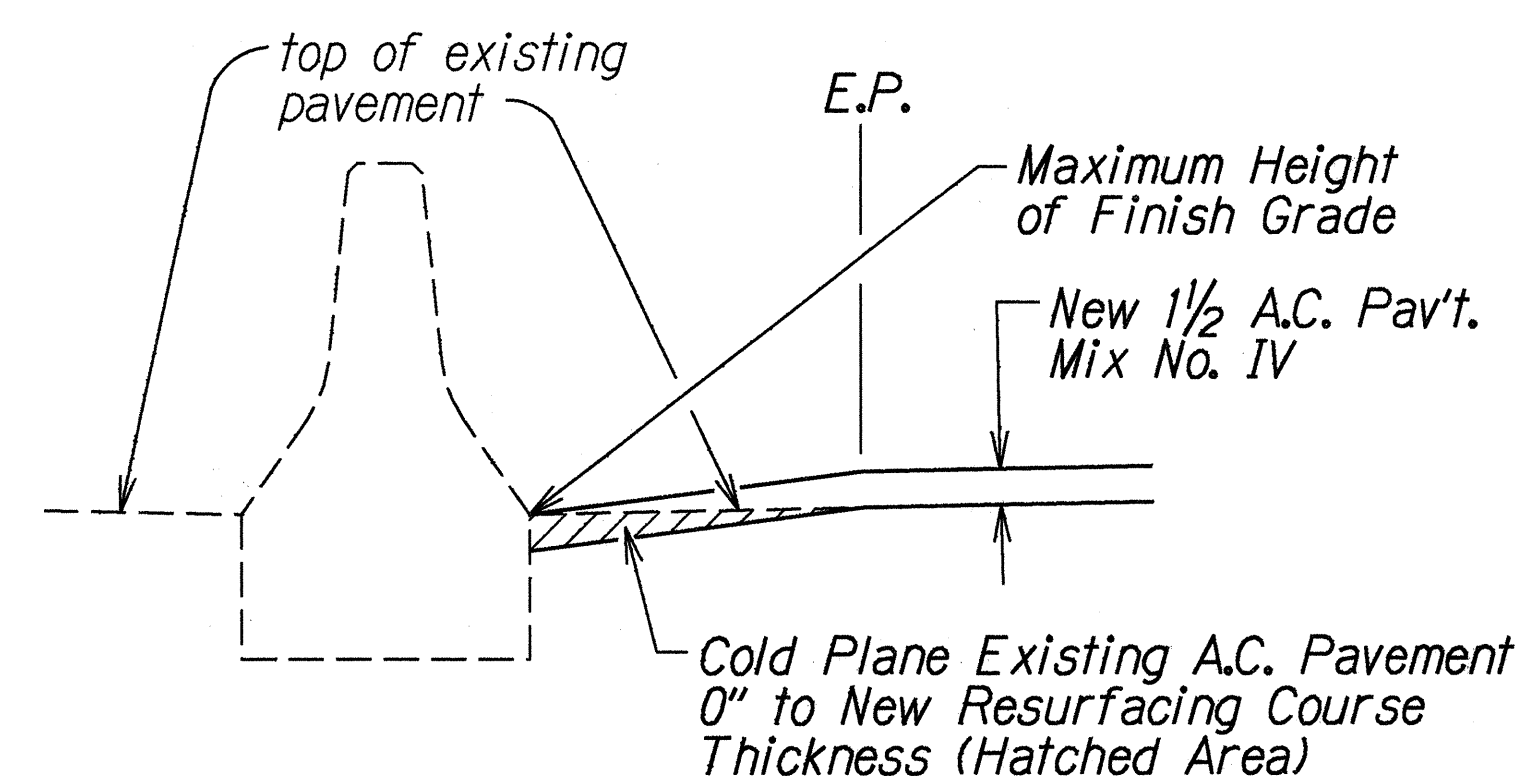
Scale: As Shown Date: May, 1997

SHEET No. 1 OF 4 SHEETS

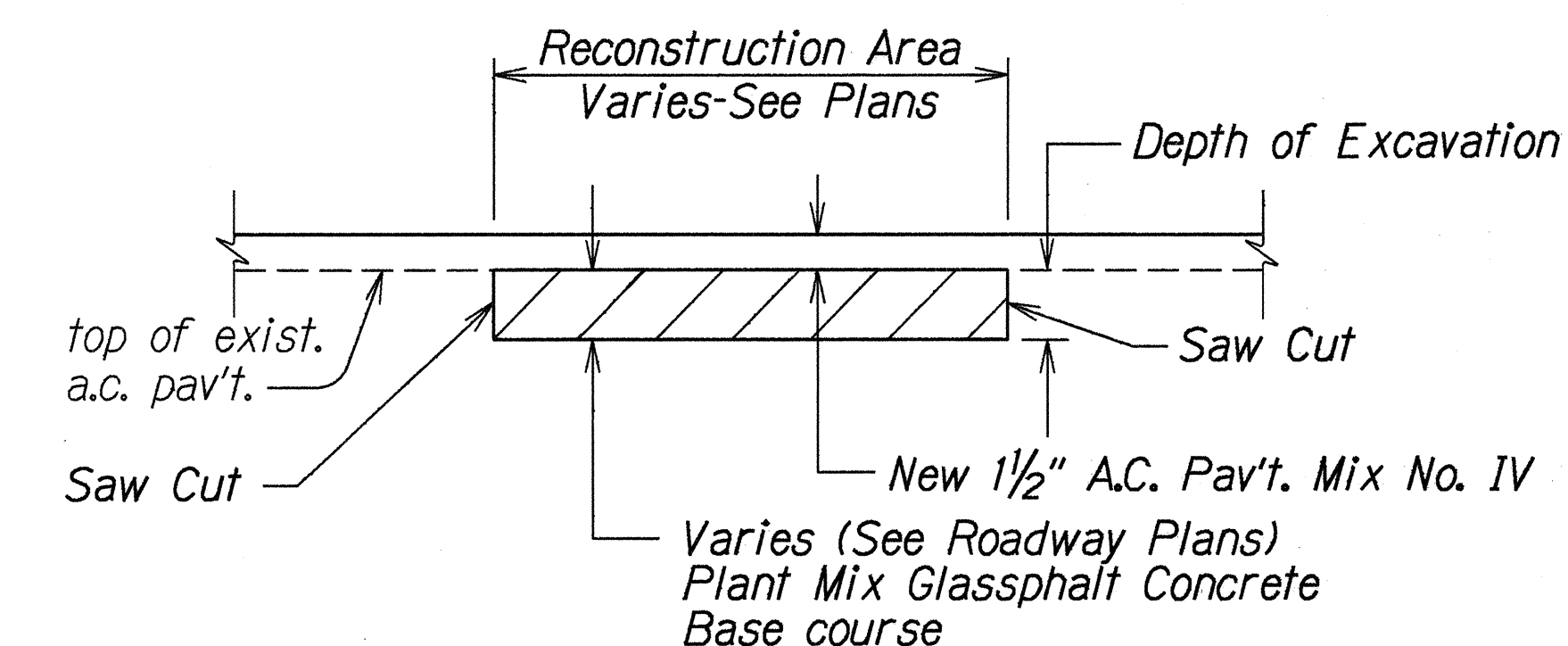
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H3-1(77)	1999	5	120



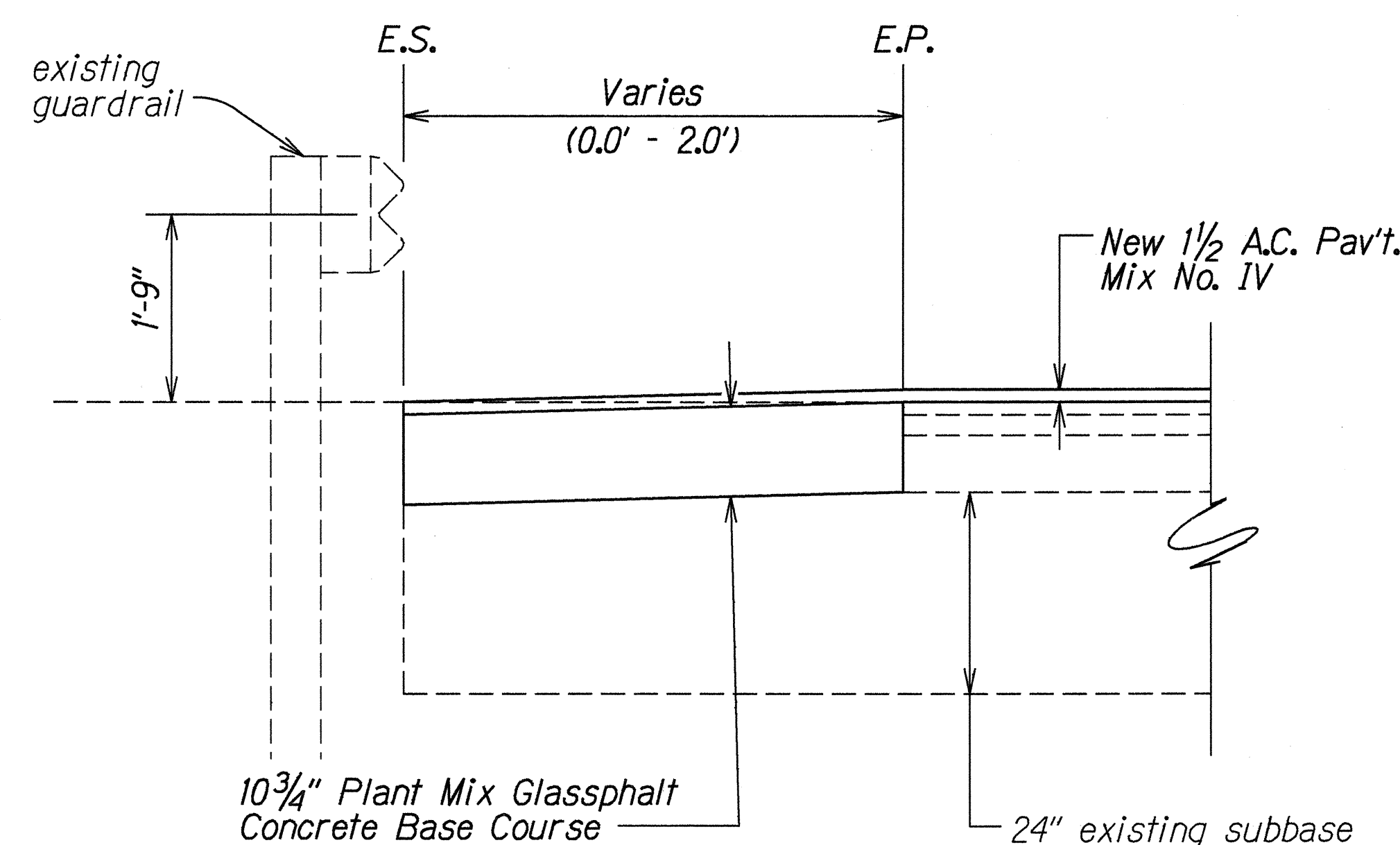
TYPICAL SECTION WITH JERSEY BARRIER
 STA. 652+80.00 TO STA. 743+04.84
 Not to Scale



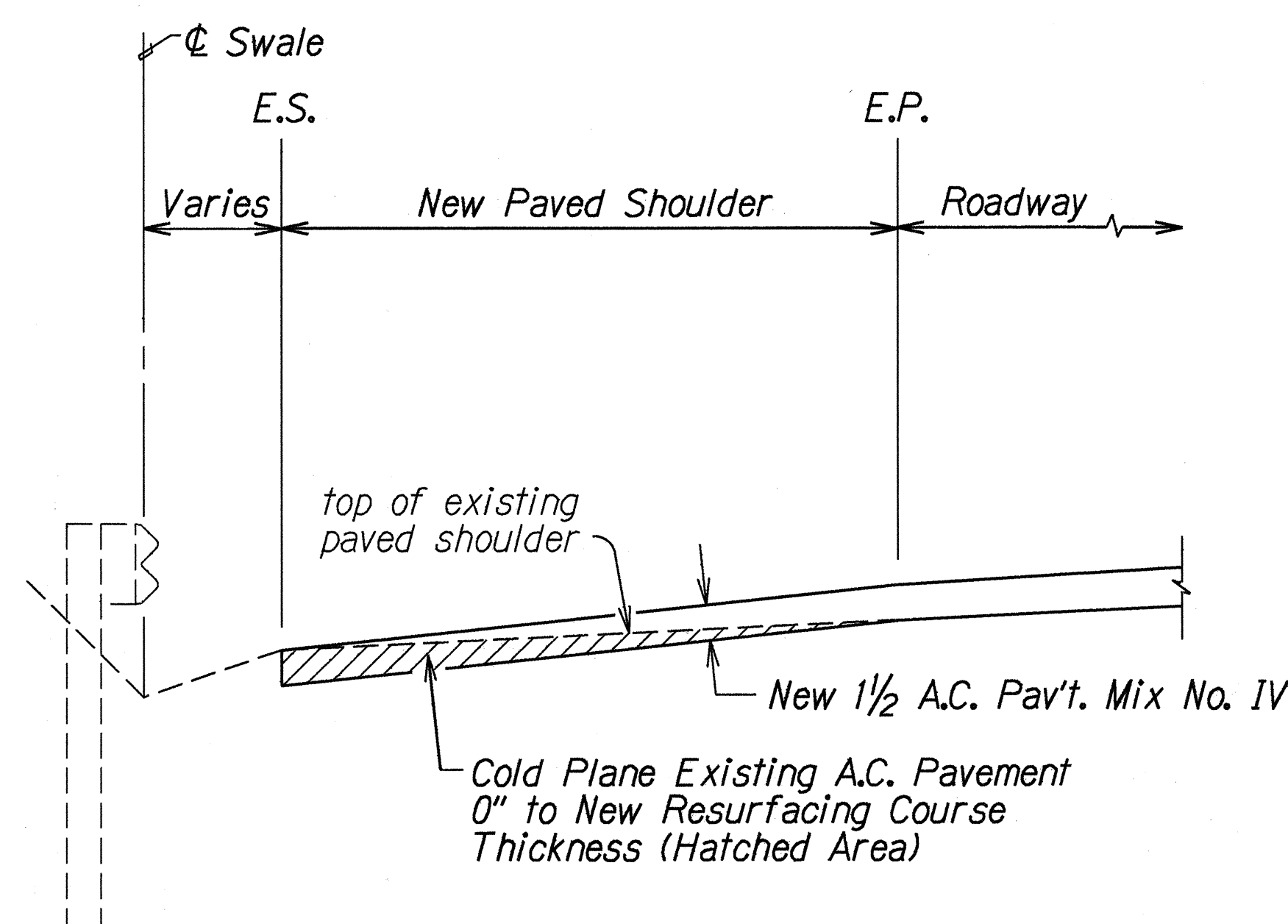
PAVED SHOULDER AT EXISTING REINF. CONC. BARRIER DETAIL
 Not To Scale



A.C. PAVEMENT RECONSTRUCTION DETAIL 1
 Not To Scale



NEW PAVED SHOULDER AT GUARDRAIL DETAIL FOR EXIST. PAVED SHOULDER WIDTH LESS THAN 10 FEET
 O.B. STA. 538+83±, LT. TO O.B. STA. 562+50±, LT.
 O.B. STA. 564+10±, LT. TO O.B. STA. 575+50±, LT.
 O.B. STA. 577+10±, LT. TO O.B. STA. 579+02±, LT.
 I.B. STA. 591+50, LT. TO I.B. STA. 614+75, LT.
 Not To Scale

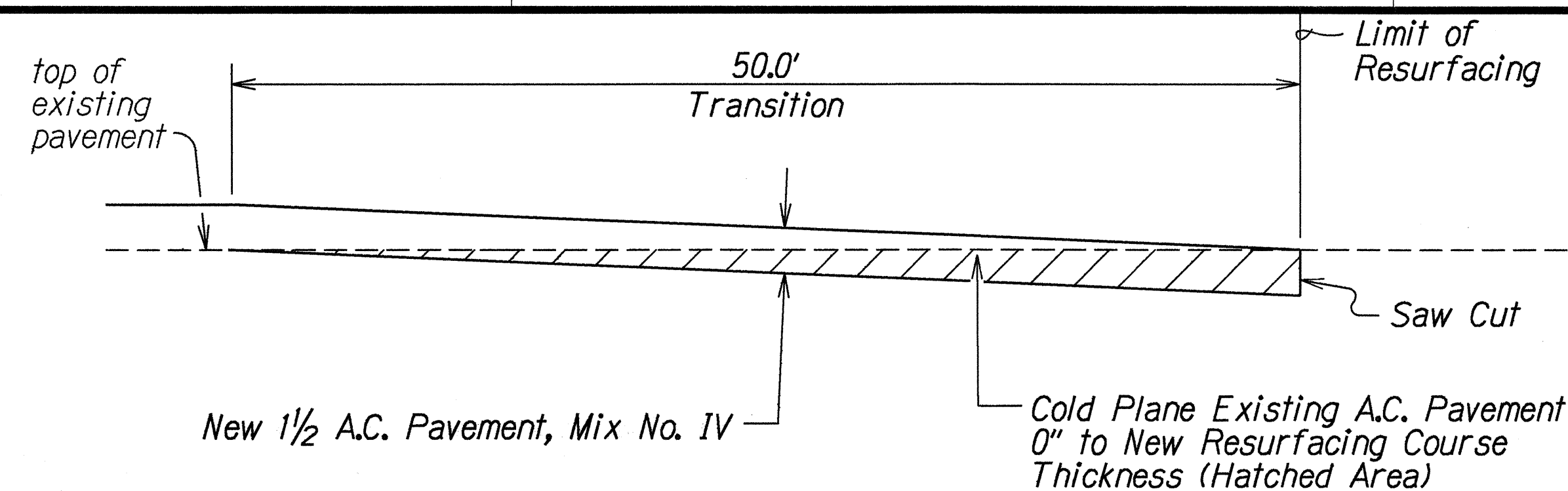


PAVED SHOULDER FOR EXISTING GUARDRAIL AND SWALE DETAIL
 Not To Scale

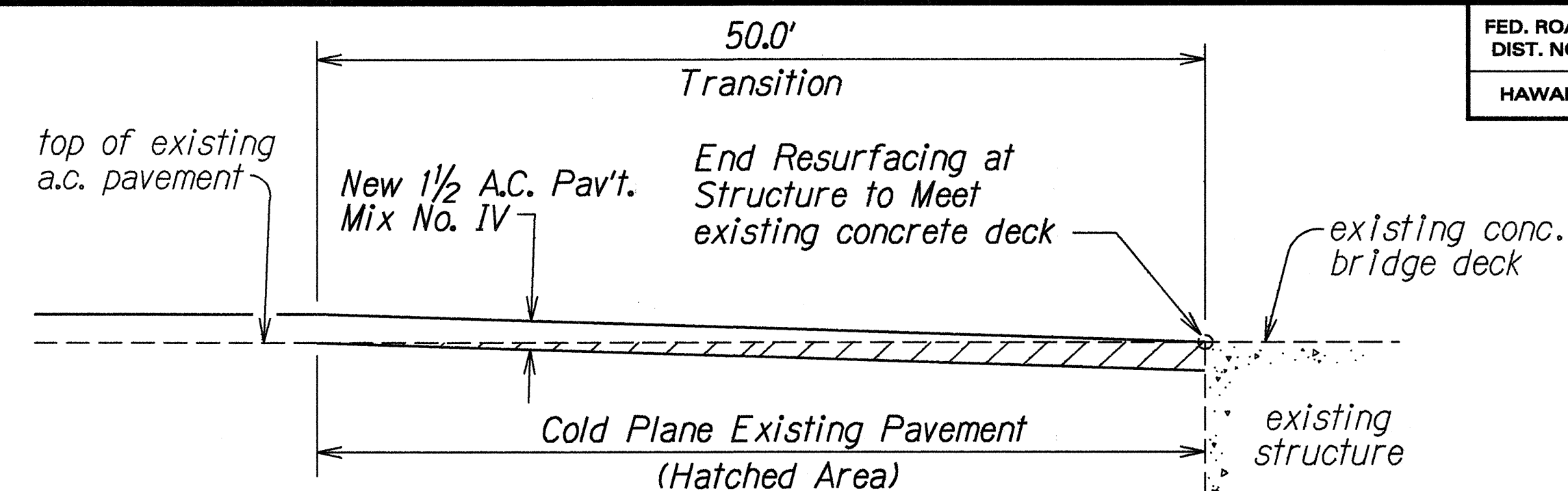
SURVEY PLOTTED BY	DATE
DRAWN BY G. Alimida	12/19/99
NOTES BOOK	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
DATE	
NOTES	
QUANTITIES	
CHECKED	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
TYPICAL SECTIONS & DETAILS
 INTERSTATE ROUTE H-3 RESURFACING
 Halekou Interchange to
 Kaneohe Marine Corps Base Hawaii
 F.A.I. Project No. IM-H3-1(77)
 Scale: As Shown Date: July, 1997
 SHEET No. 2 OF 4 SHEETS

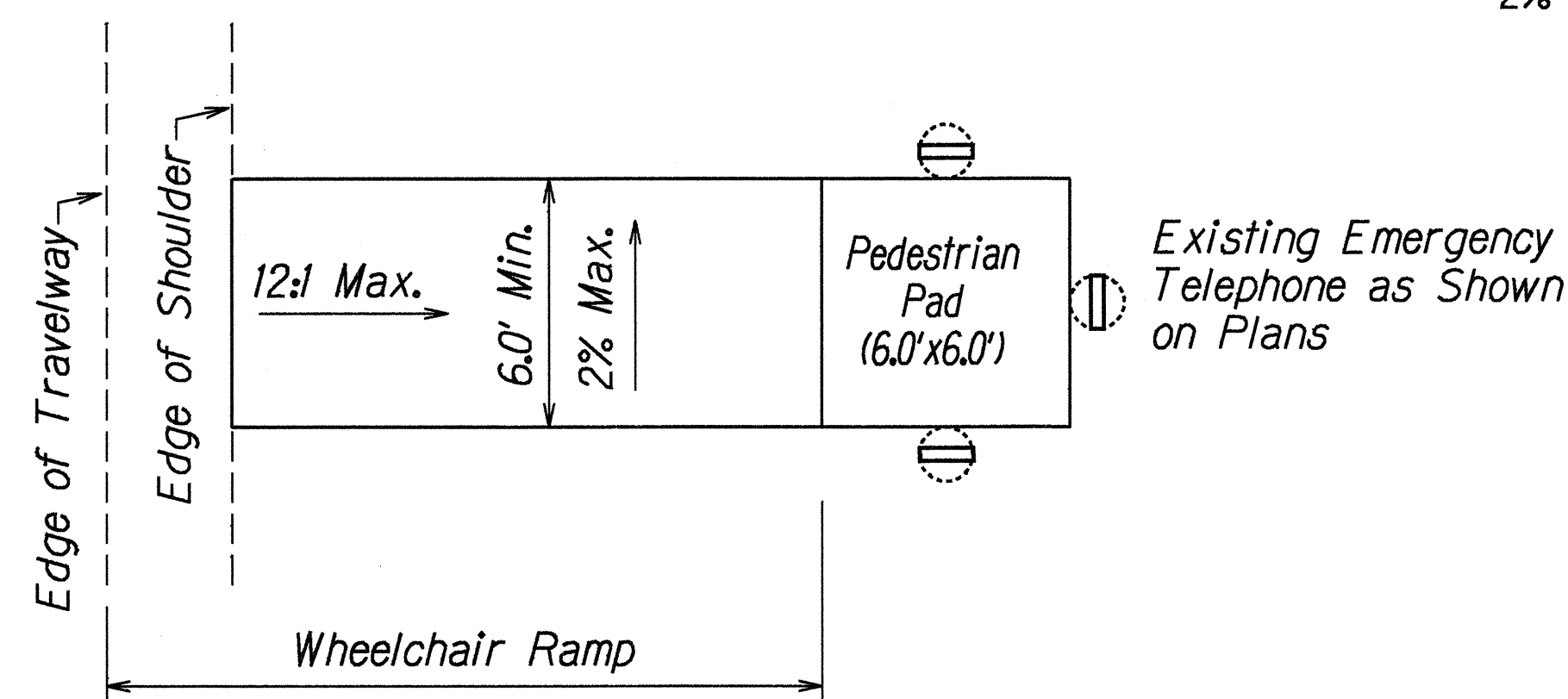
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H3-1(77)	1999	6	120



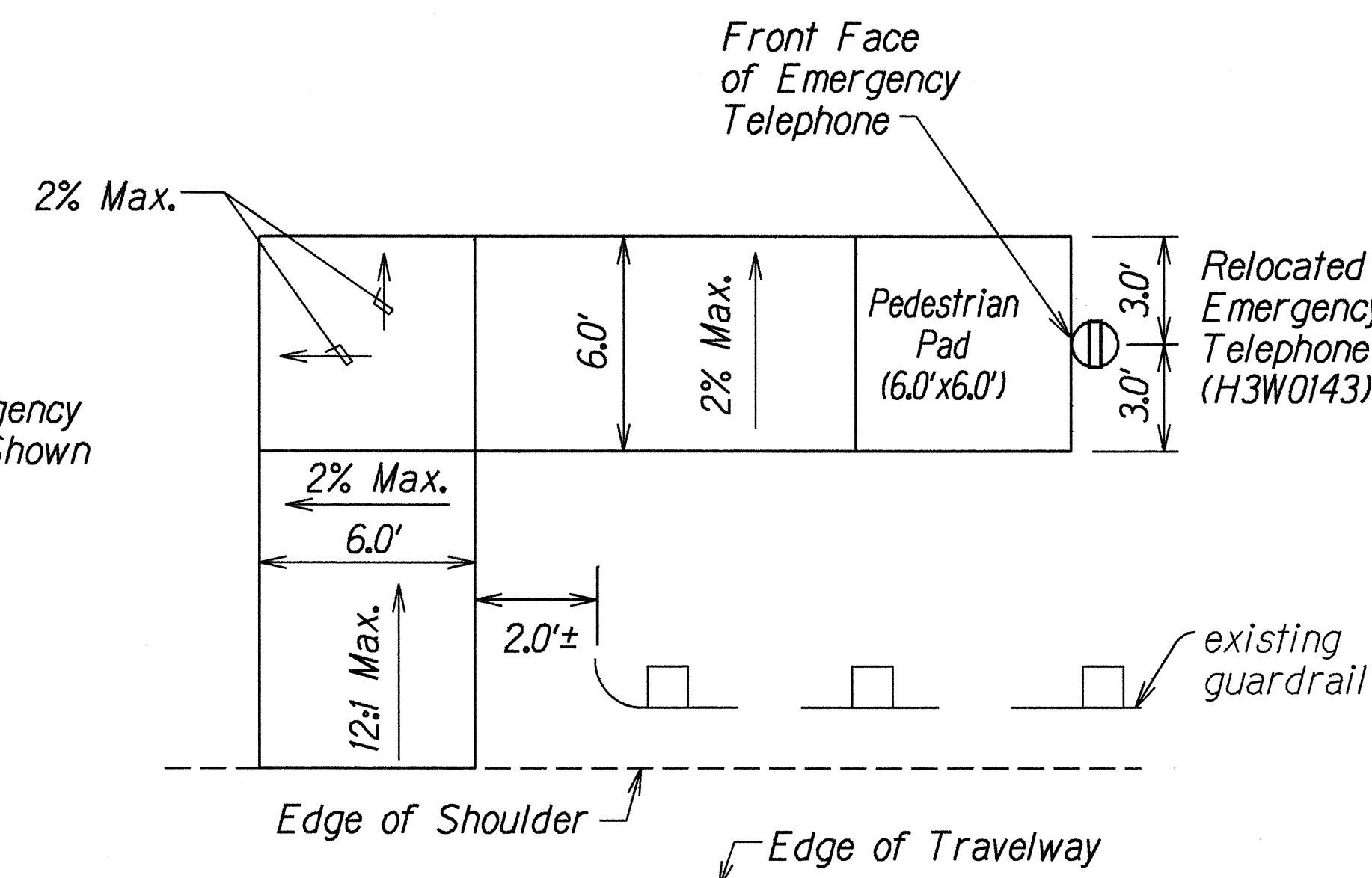
COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT
BEGINNING AND END OF PROJECT
AND RAMP RESURFACING LIMITS
 Not To Scale



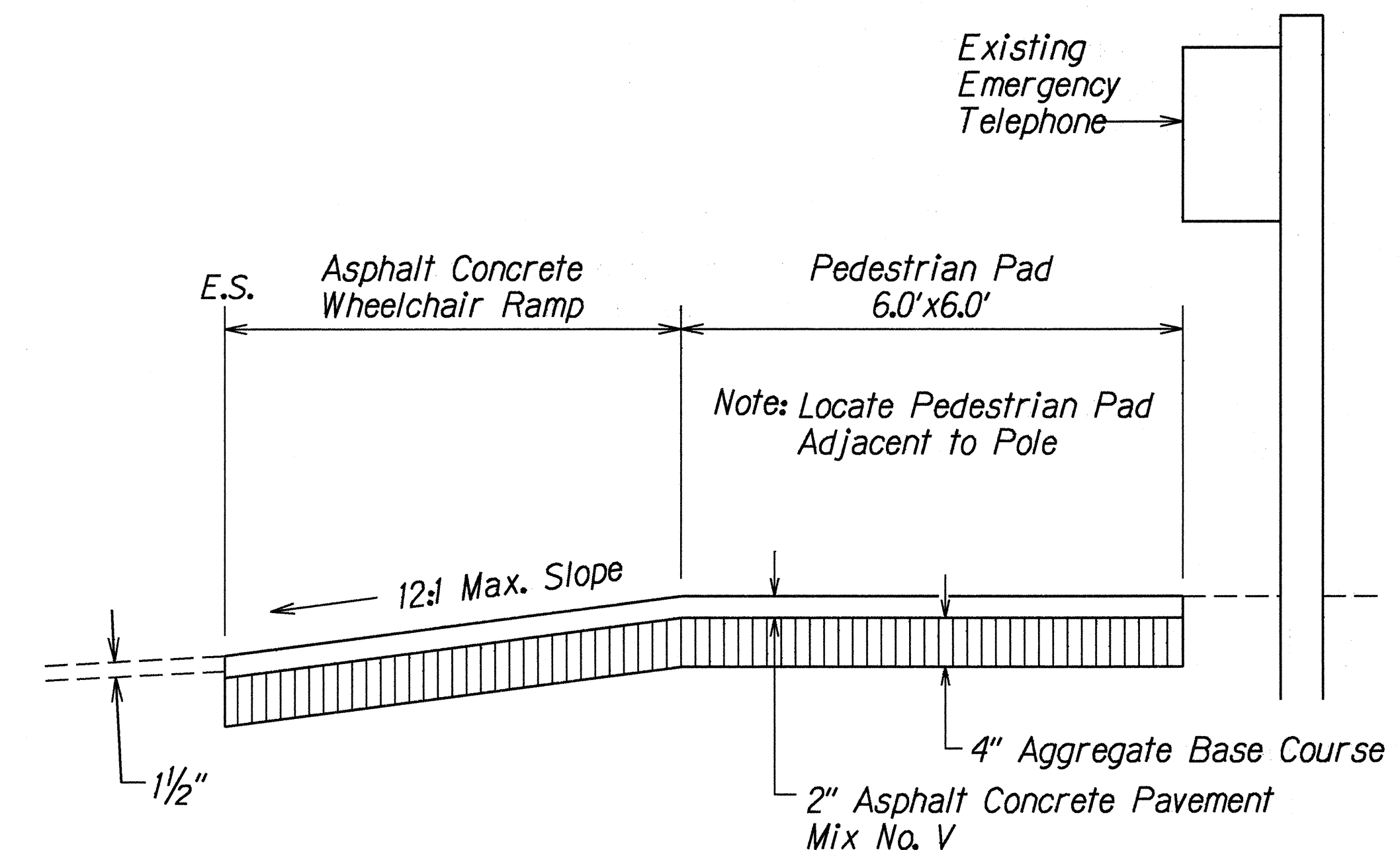
COLD PLANED TRANSITION AT STRUCTURE
 Not to Scale



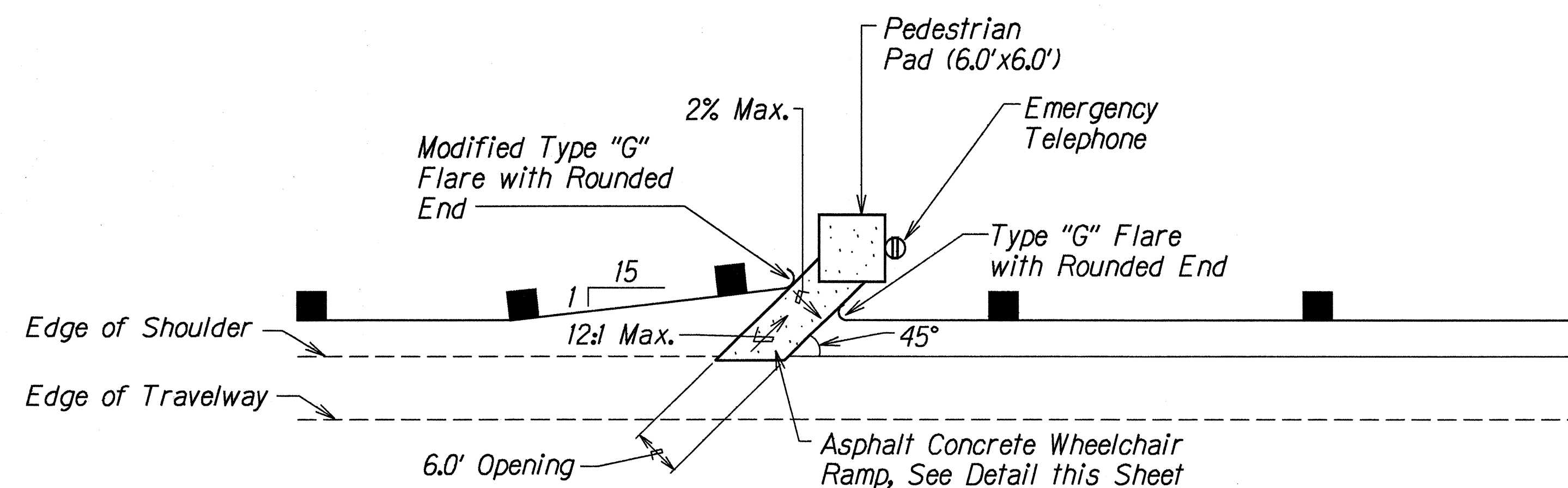
TYPICAL EMERGENCY TELEPHONE ACCESS DETAIL
 Not to Scale



EMERGENCY TELEPHONE ACCESS DETAIL
AT STA. 652+12±, LT.
 Not to Scale



TYPICAL ASPHALT CONCRETE WHEELCHAIR RAMP
AND PEDESTRIAN PAD DETAIL
 Not to Scale

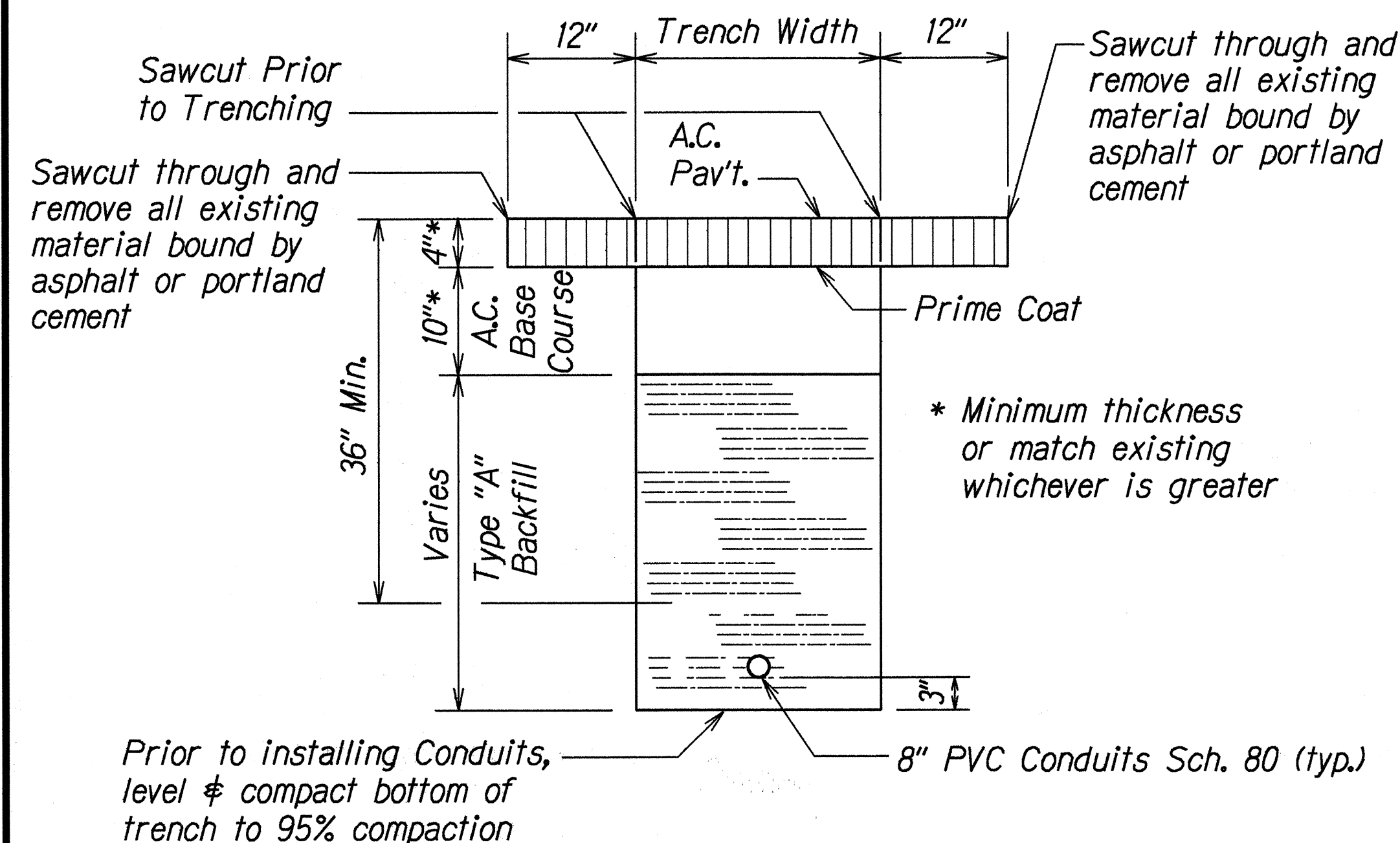


GUARDRAIL AND ASPHALT CONCRETE WHEELCHAIR RAMP DETAIL
AT STA. 558+60± & 689+10±, LT.
 Not to Scale

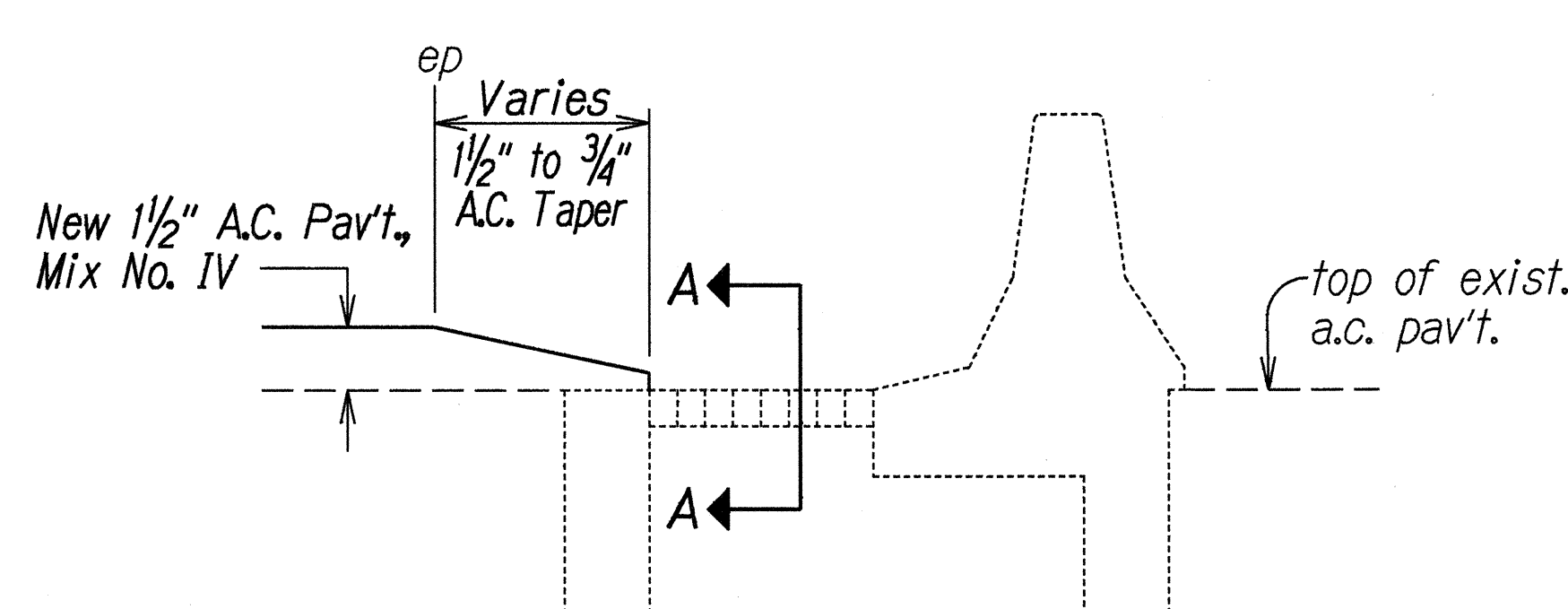
SURVEY PLOTTED BY	DATE
DRAWN BY G. Alarico	12/19/92
NOTED BY G. Alarico	
CHECKED BY N. 21130153	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
TYPICAL SECTIONS & DETAILS
INTERSTATE ROUTE H-3 RESURFACING
Halekou Interchange to
Kaneohe Marine Corps Base Hawaii
F.A.I. Project No. IM-H3-1(77)
Scale: As Shown Date: July, 1997
SHEET No. 3 OF 4 SHEETS

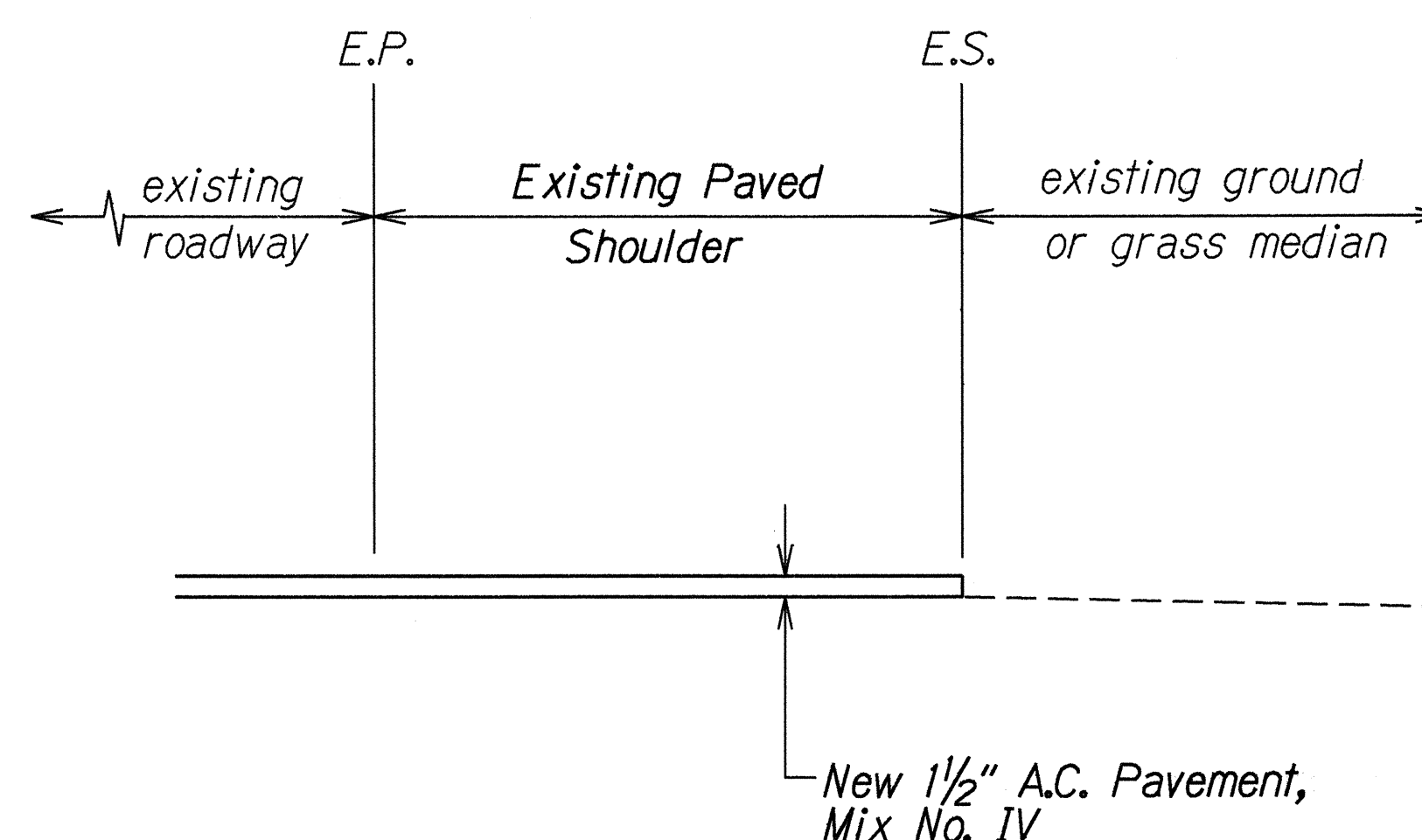
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H3-1(77)	1999	7	120



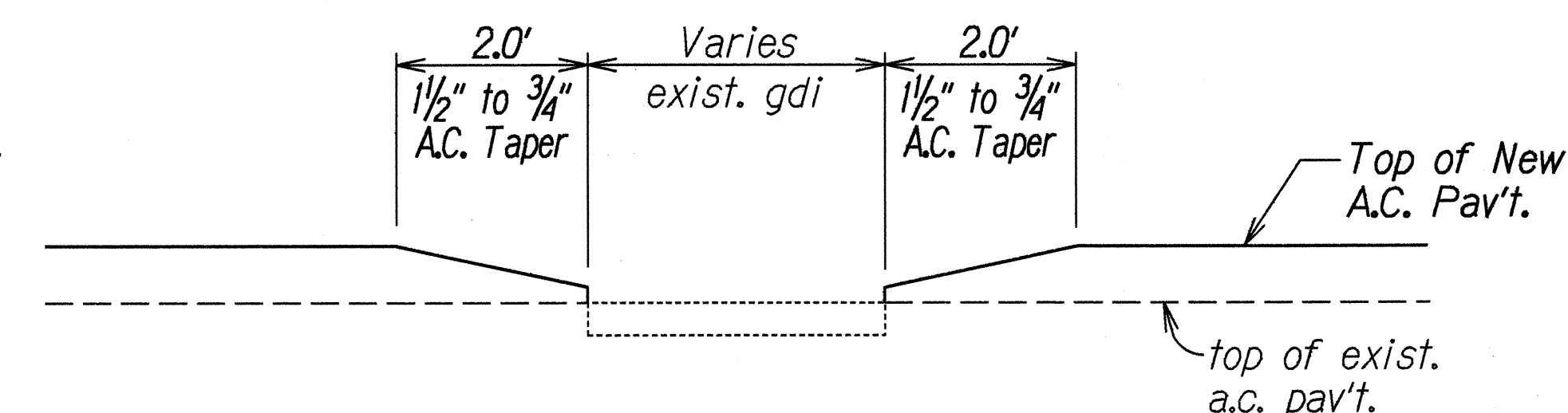
**TYPICAL IRRIGATION BACKFILL SECTION
DIRECT BURIED DUCTS**



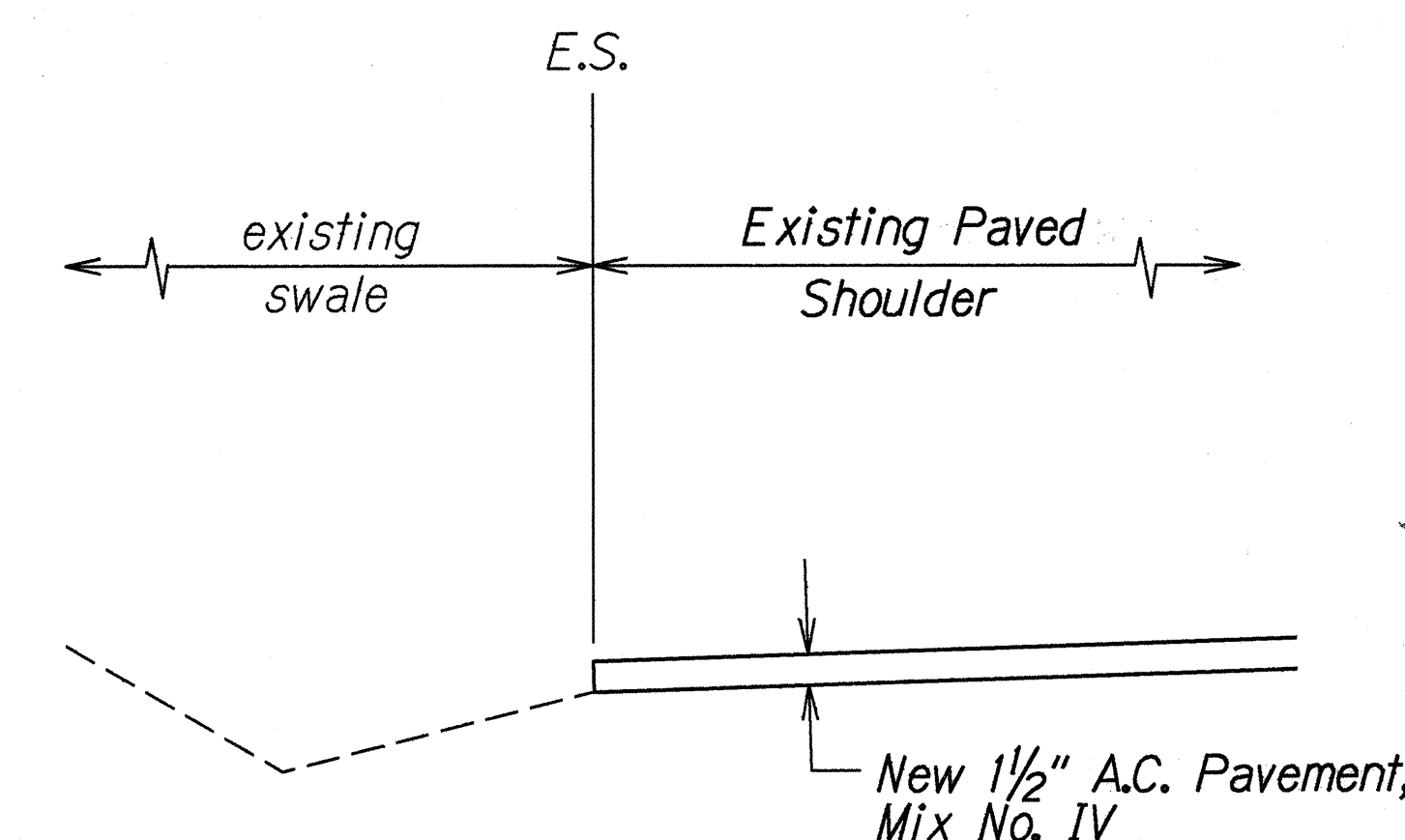
**RESURFACING TRANSITION AT
GRATED DROP INTAKE DETAIL**
Not To Scale



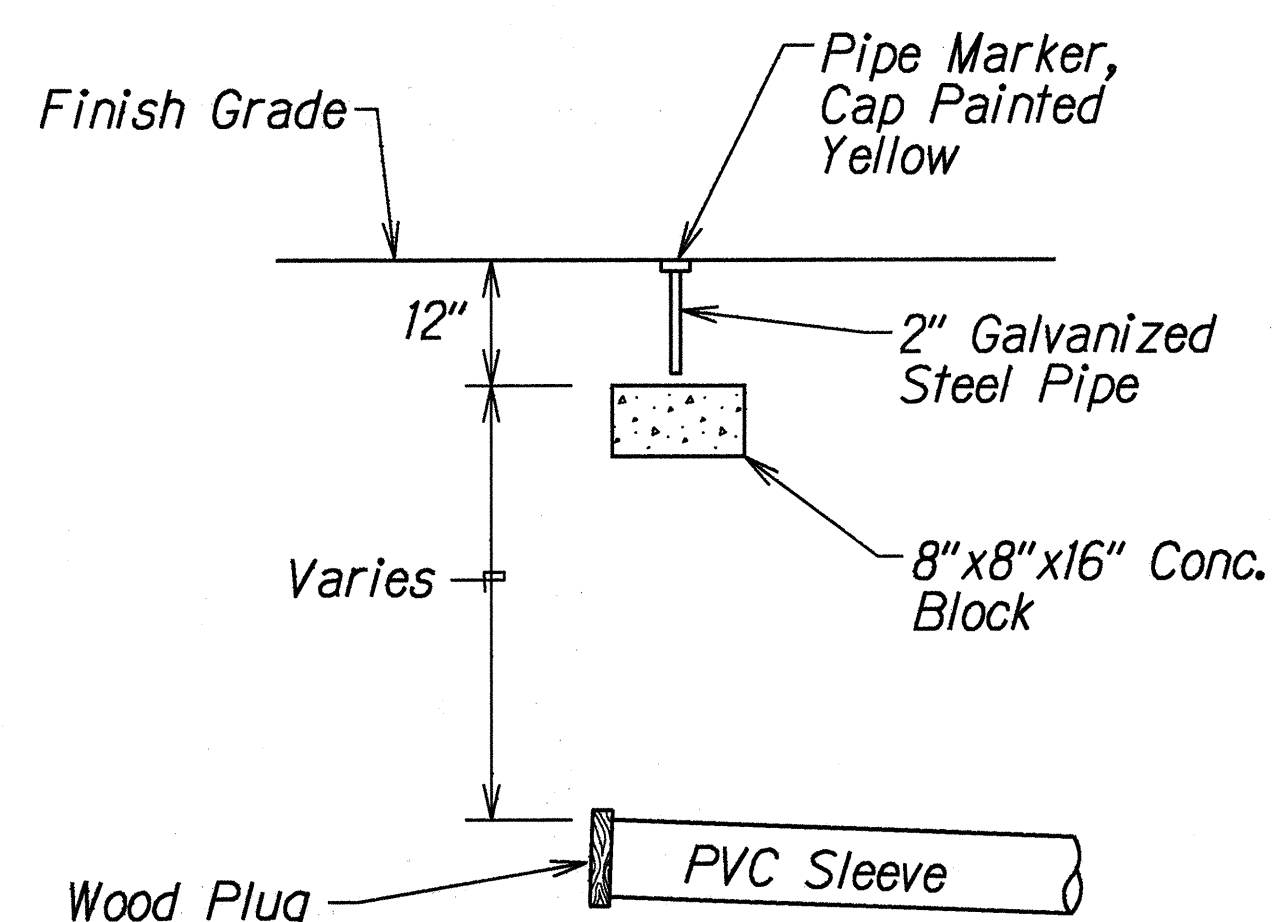
**PAVED SHOULDER WITH EXISTING
GROUND OR GRASS MEDIAN**
Not to Scale



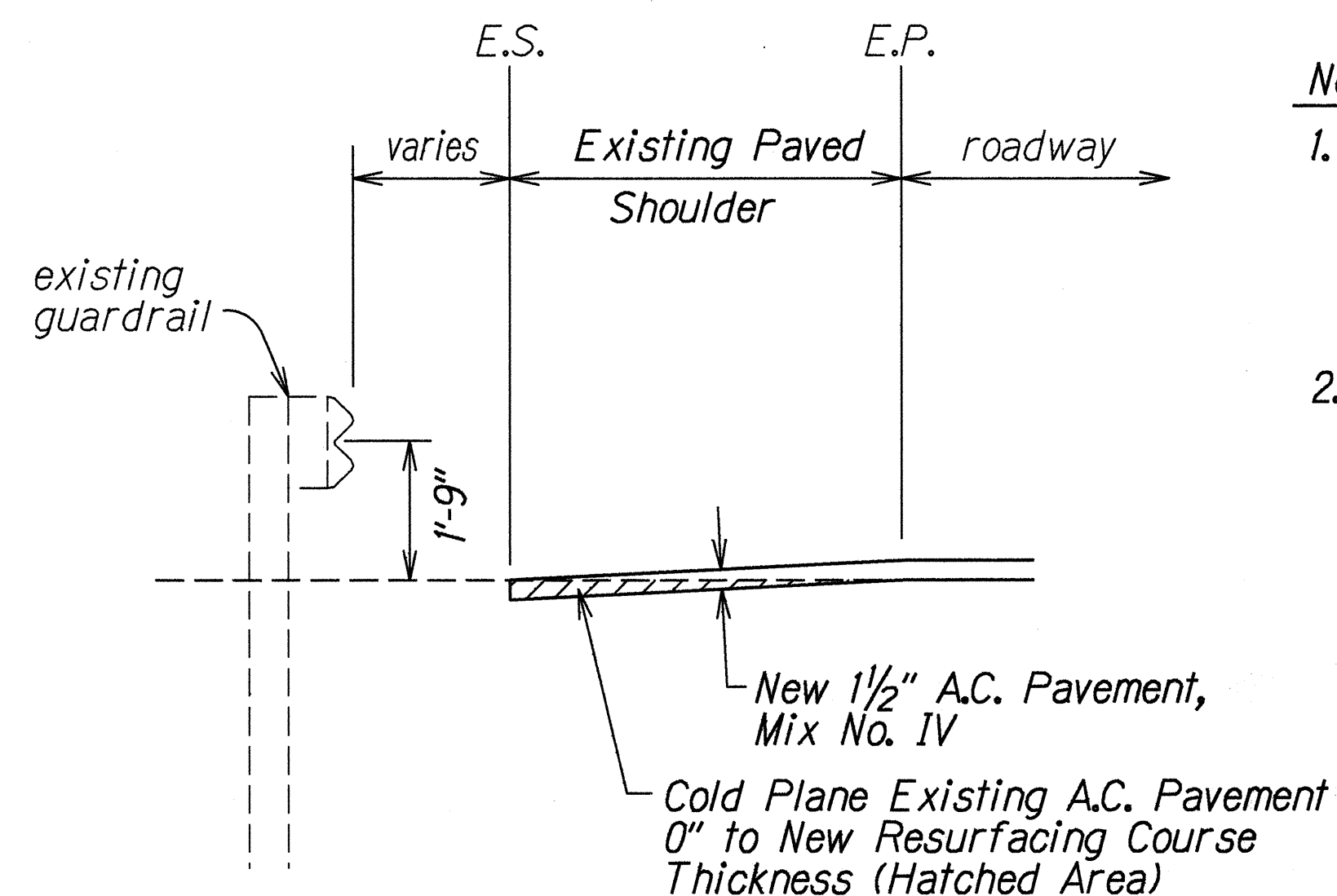
SECTION A-A
Not To Scale



PAVED SHOULDER WITH EXISTING SWALE
Not to Scale



**DETAIL
IRRIGATION SLEEVE PIPE MARKER**
Not To Scale



PAVED SHOULDER WITH GUARDRAIL DETAIL
Not to Scale

Note:

- The Contractor shall insure that paving operations do not alter the height of the existing guardrail, unless directed by the Engineer. The Contractor shall be especially careful in areas where the shoulder extends to the guardrail face.
- Cold Planing of shoulder required only when paving along guardrail. See Paved Shoulder with Guardrail Detail, Paved Shoulder for Existing Guardrail & Swale Detail, Paved Shoulder at Existing Reinforced Concrete Barrier Detail.

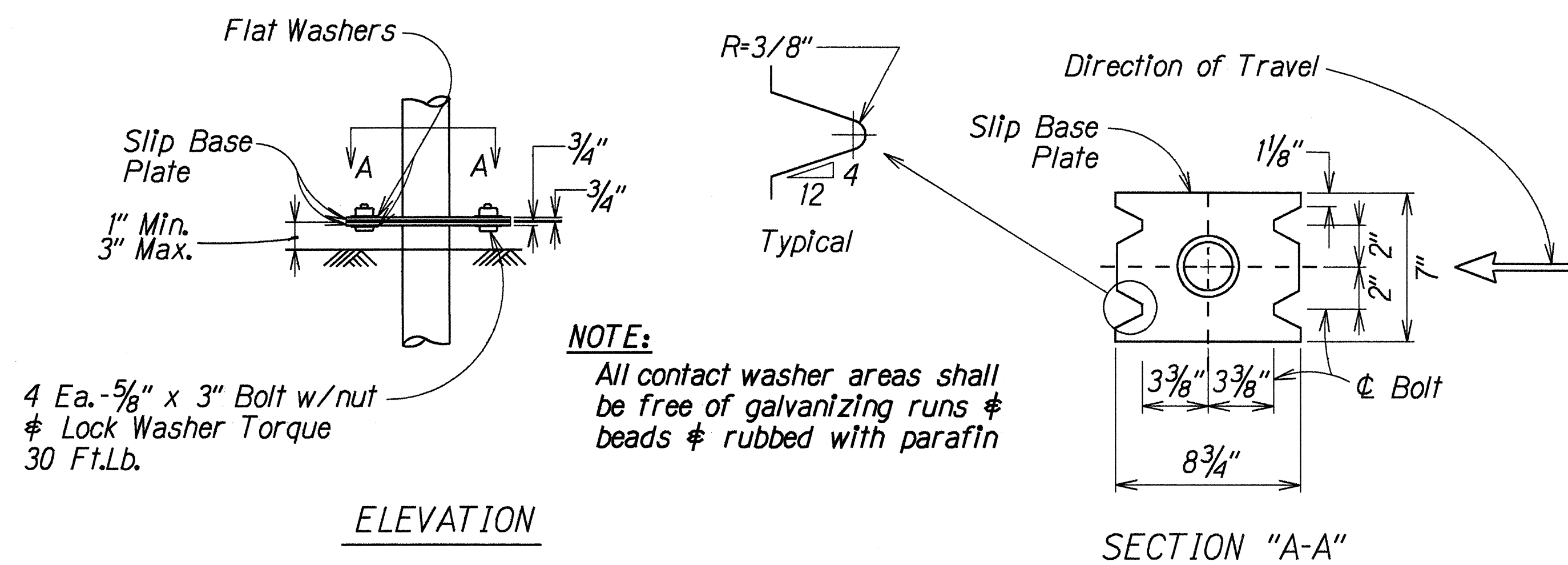
DATE	12/19/99
SURVEY PLOTTED BY	G. Alimichio
TRACED BY	B. Hironaka, T. Nishida
NOTES	06/09/99
QUANTITIES BY	N. 2/13/01
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

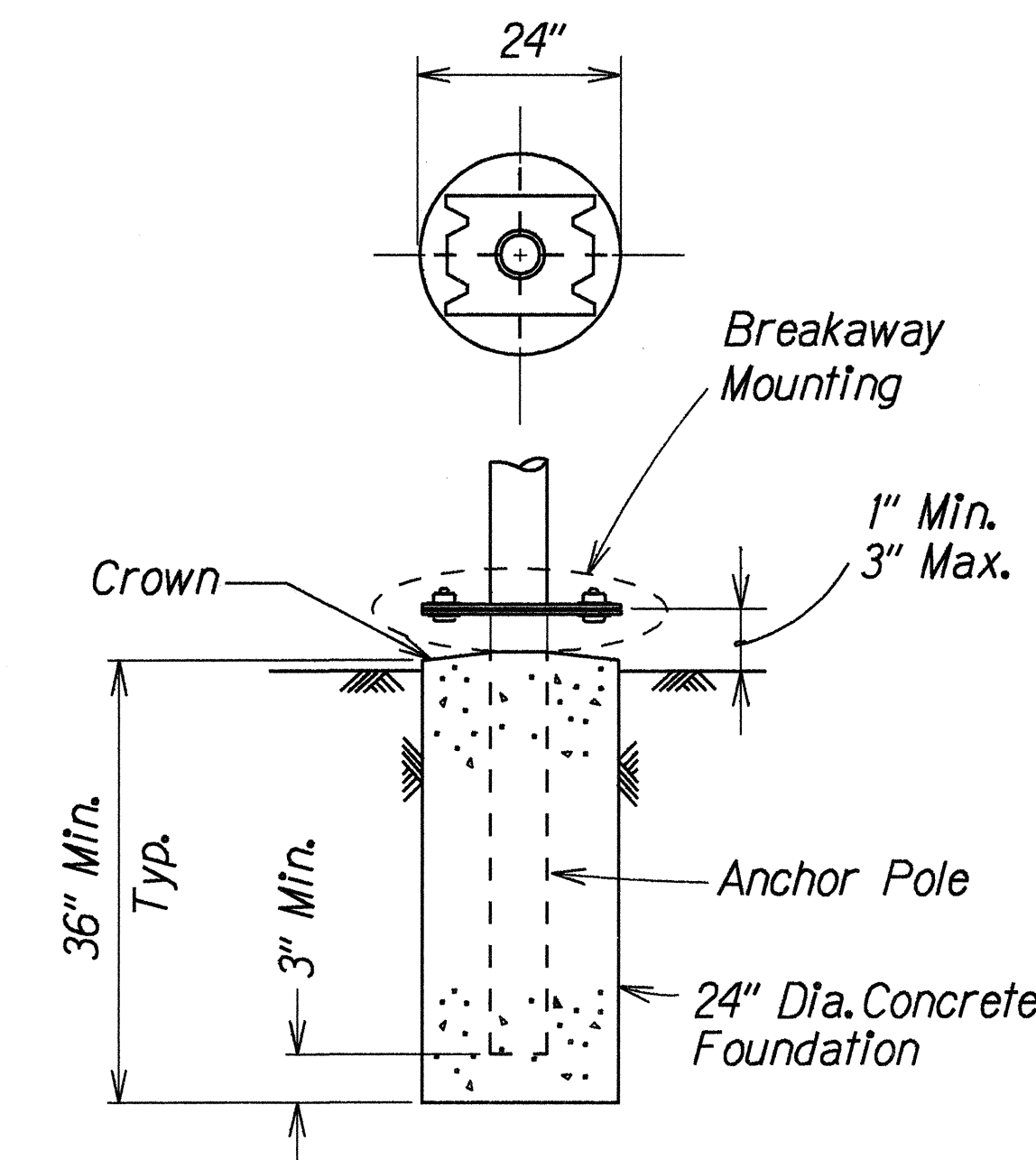
TYPICAL DETAILS
INTERSTATE ROUTE H-3 RESURFACING
Halekou Interchange to
Kaneohe Marine Corps Base Hawaii
F.A.I. Project No. IM-H3-1(77)
Scale: As Shown Date: July, 1997

SHEET No. 4 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-H3-1(77)	1999	8	120



BREAKAWAY MOUNTING

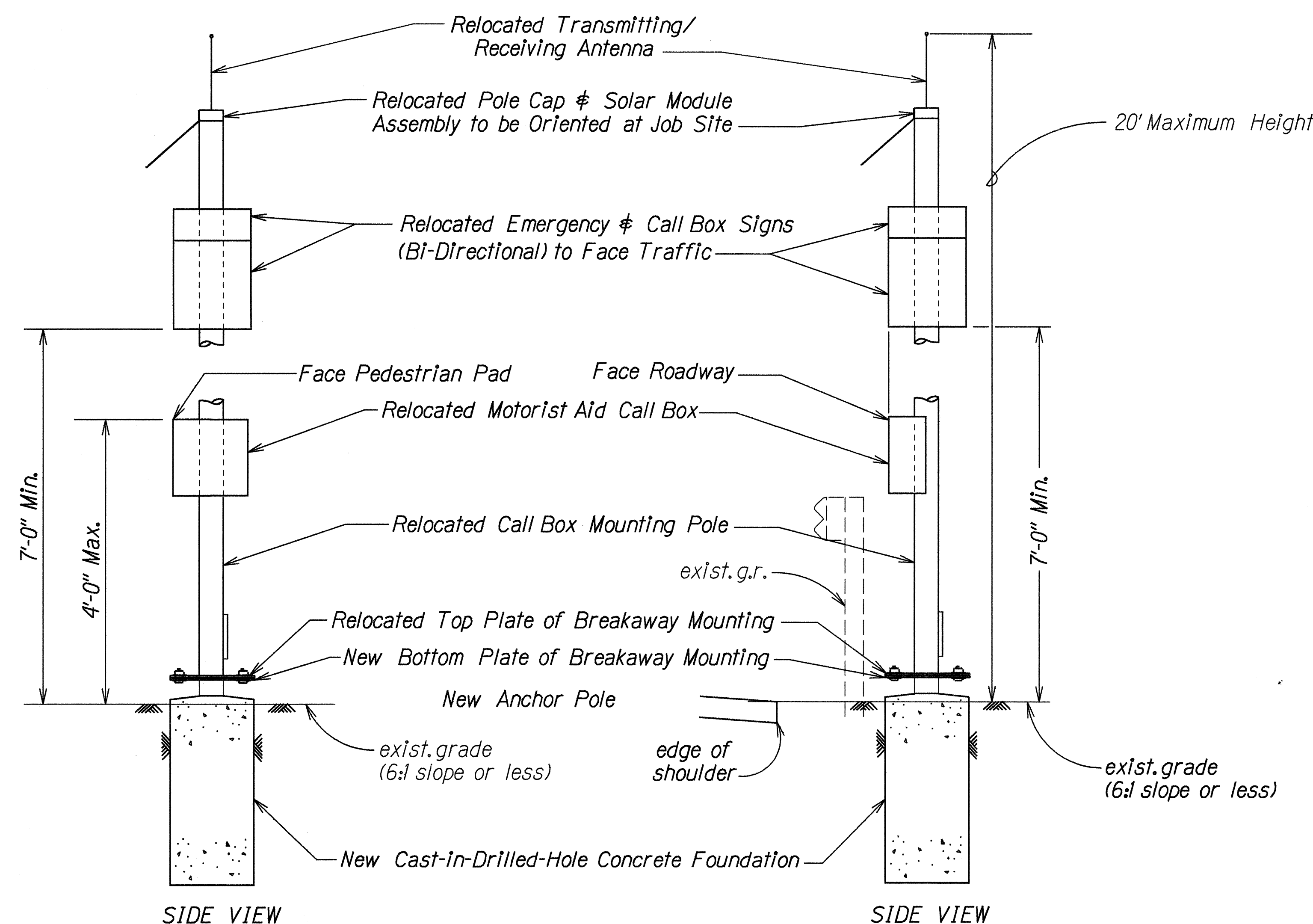


- NOTES:**
1. Foundation shall be Class B placed against undisturbed material.
 2. Backfill shall be complete and adjacent surface improvements prepared prior to erection of the post.
 3. 1/2-inch expansion joint material shall be placed between the foundation and abutting concrete paving.
 4. CIDH = CAST IN DRILLED HOLE

CIDH CONCRETE FOUNDATION WITH BREAKAWAY MOUNTING

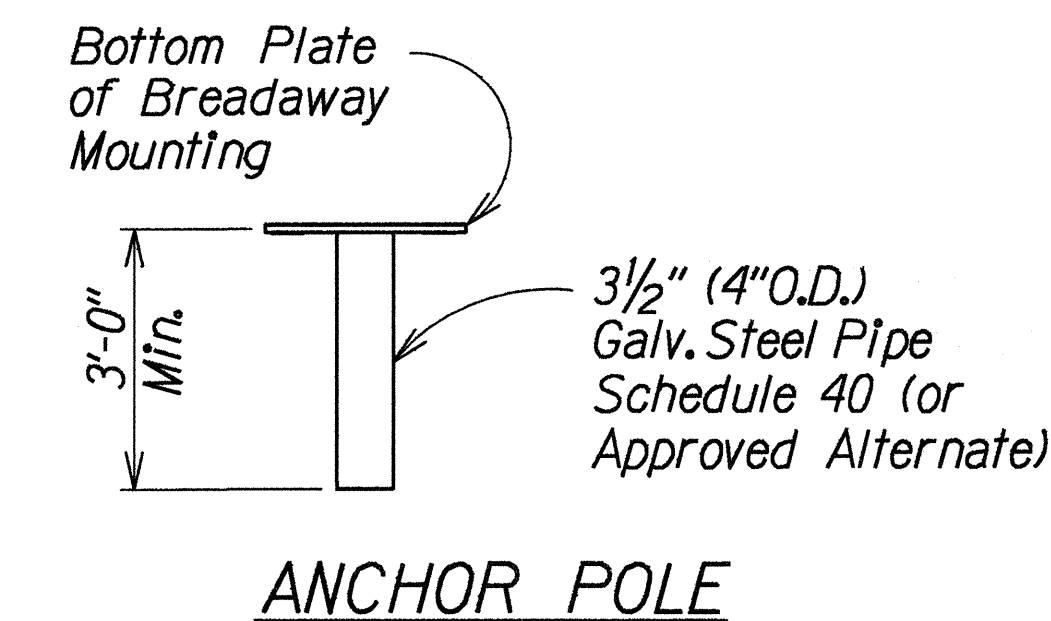
GENERAL NOTES

1. The Contractor shall notify Danny Hanaoka of Hawaiian Tel. at 973-5526 a minimum of three (3) days prior to relocation of Emergency Call Boxes. The exact location of relocated boxes shall be determined in the field by the Engineer and with coordination through GTE.
2. The Contractor shall order and pay for the necessary materials from GTE in accordance with Subsection 106.13 - Ordering of Certain Materials.
3. The Contractor is to furnish materials, equipment, labor, tools, and incidentals necessary to complete this work.



INSTALLATION DETAIL FOR RELOCATED EMERGENCY TELEPHONE

INSTALLATION DETAIL FOR EMERGENCY TELEPHONE RELOCATION



ANCHOR POLE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

INTERSTATE ROUTE H-3 RESURFACING
Halekou Interchange to
Kaneohe Marine Corps Base Hawaii
F.A.I. Project No. 1M-H3-1(77)
Scale: Not to Scale Date: Feb., 1999

SHEET No. 1 OF 1 SHEETS