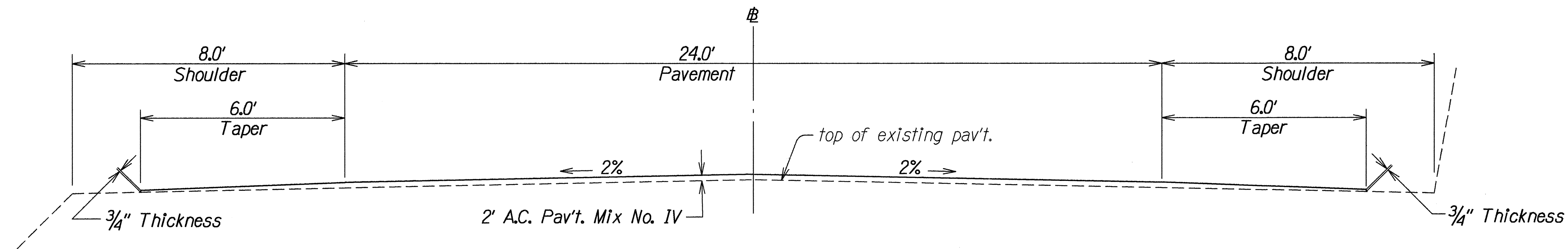
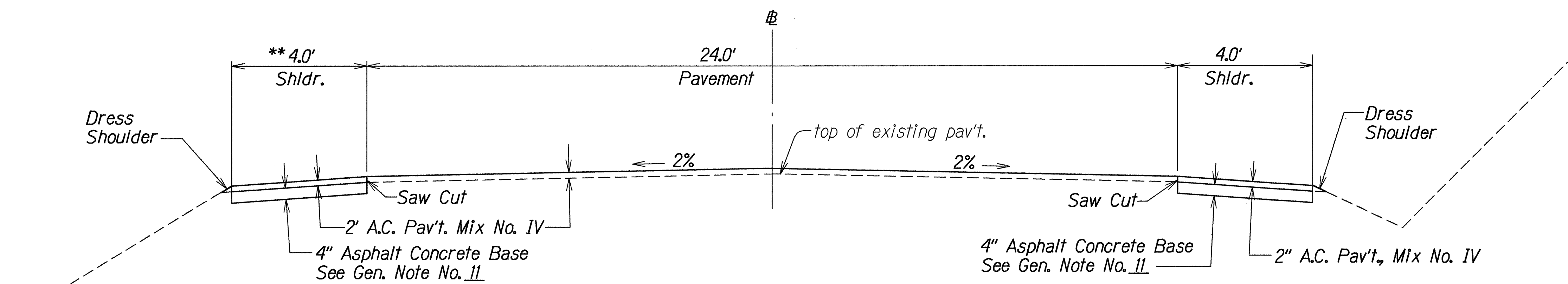


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11EF-01-93M	1993	5	55

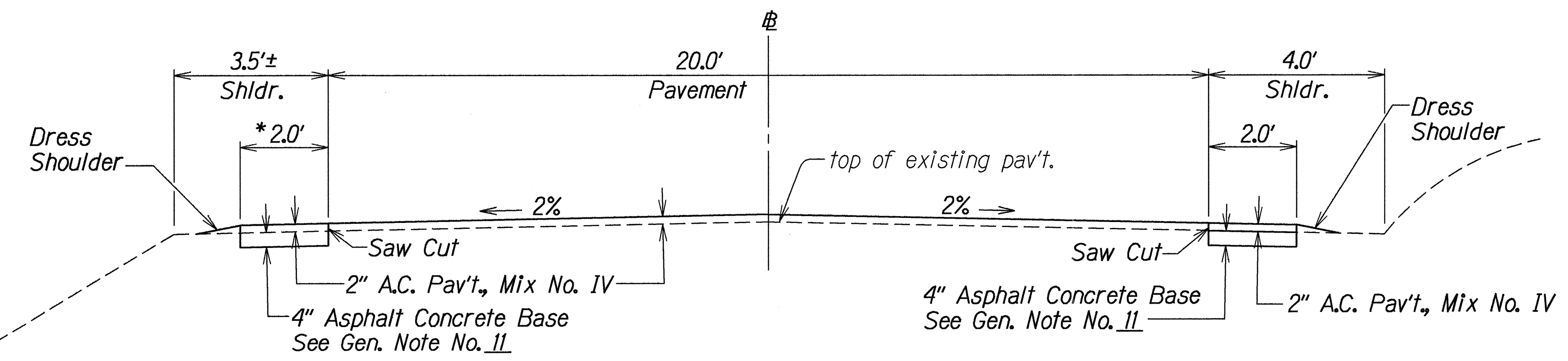


Sta. 988+69.20± To Sta. 823+00± - Proj. No. P-1957
 # Sta. 823+00± To Sta. 705+00± - Proj. No. 11E-01-75
 # Sta. 705+00± To Sta. 523+10± - Proj. No. P-2129



** Note: For Shoulders with Guardrails, existing guardrail shall remain and Minimum Width for Paved Shoulders Shall be 2-Feet.

Sta. 177+00 To Sta. 386+50± - Proj. No. P-1829



* Note: Whenever Practical, Minimum 4-Foot Wide Paved Shoulder Shall be Constructed, as Directed by the Engineer.

Sta. 0+00 To Sta. 280+07± - Proj. No. P-1942

TYPICAL TANGENT SECTION

Scale: 1/2" = 1.0'

SURVEY PLOTTED BY	DATE
DRAWN BY	5/23/93
CHECKED BY	
NOTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

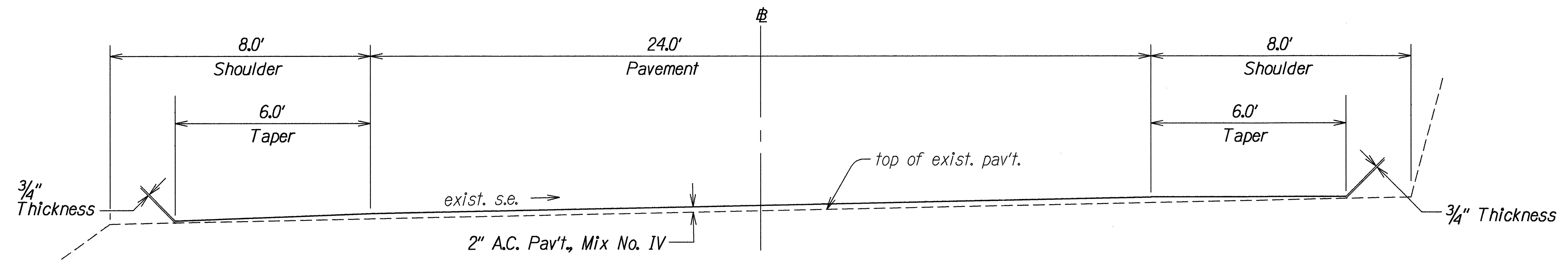
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
HAWAII BELT ROAD RESURFACING
Kahuku to Honuapo
PROJECT NO. 11EF-01-93M

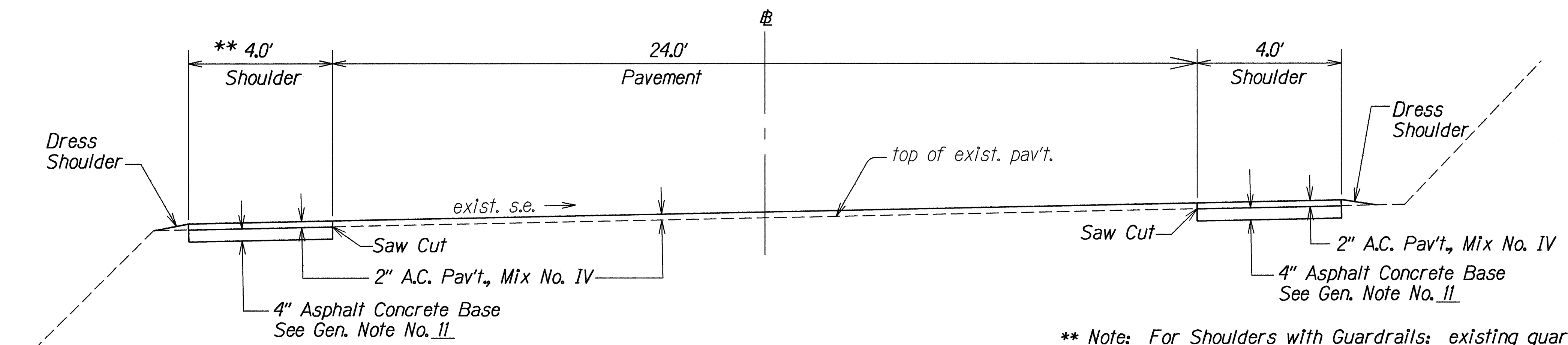
Scale: As Shown
SHEET No. 1 OF 6 SHEETS

Date: June, 1993

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11EF-01-93M	1993	6	55

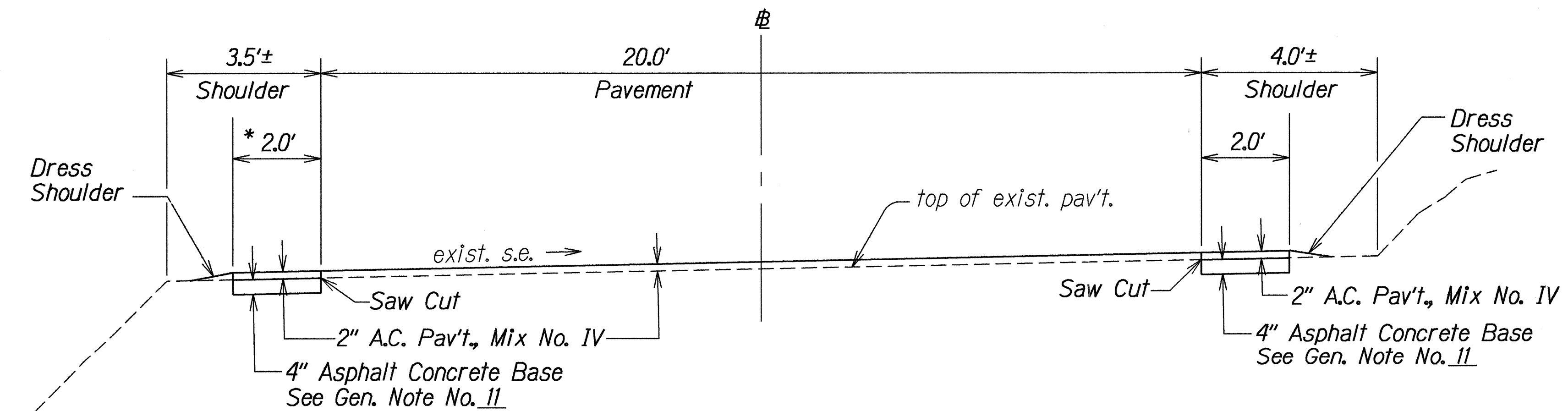


Sta. 988+69.20± To Sta. 823+00± - Proj. No. P-1957
Sta. 823+00± To Sta. 705+00± - Proj. No. 11E-01-75
Sta. 705+00± To Sta. 523+10± - Proj. No. P-2129



** Note: For Shoulders with Guardrails: existing guardrails shall remain and Minimum Width for Paved Shoulders Shall be 2-Feet

Sta. 177+00± To Sta. 386+50± - Proj. No. P-1829



* Note: Whenever Practical, Minimum 4-Foot Wide Paved Shoulder Shall be Constructed, as Directed by the Engineer.

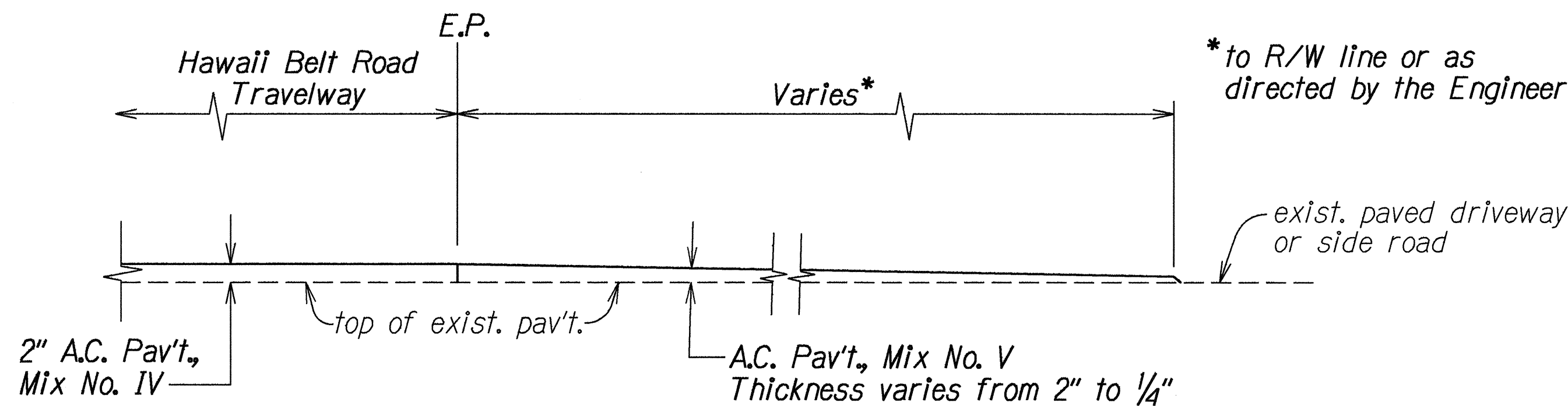
Sta. 0+00 To Sta. 280+07± - Proj. No. P-1942

TYPICAL SUPERELEVATED SECTION
 Scale: 1/2" = 1.0'

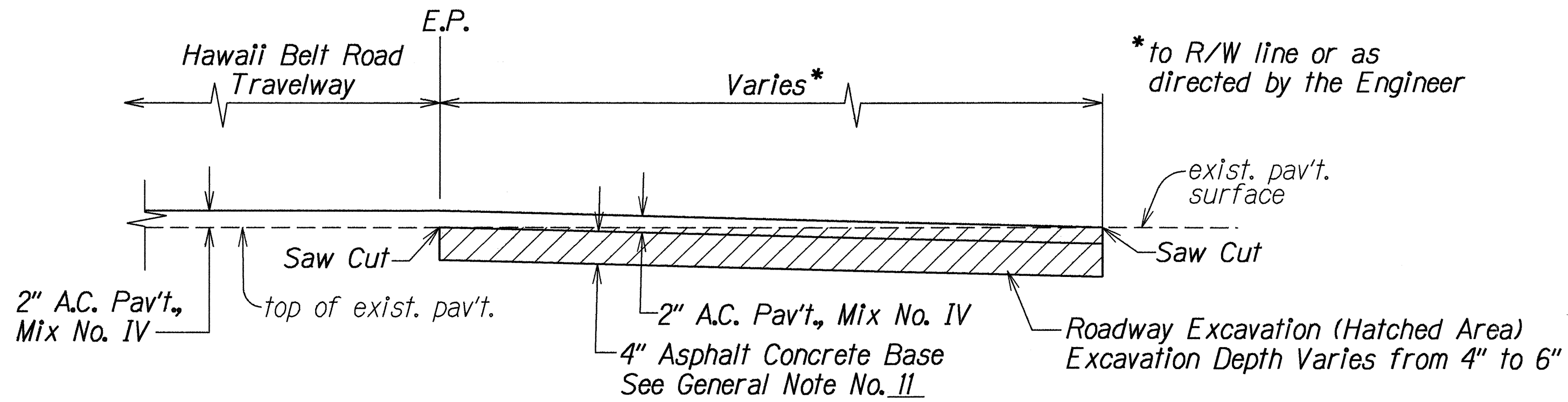
ORIGINAL PLAN	DATE	5/28/93
SURVEY PLOTTED BY		
DRAWN BY		
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
TYPICAL SECTIONS
 HAWAII BELT ROAD RESURFACING
 Kahuku to Honuapo
 PROJECT NO. 11EF-01-93M
 Scale: As Shown Date: June, 1993
 SHEET No. 2 OF 6 SHEETS

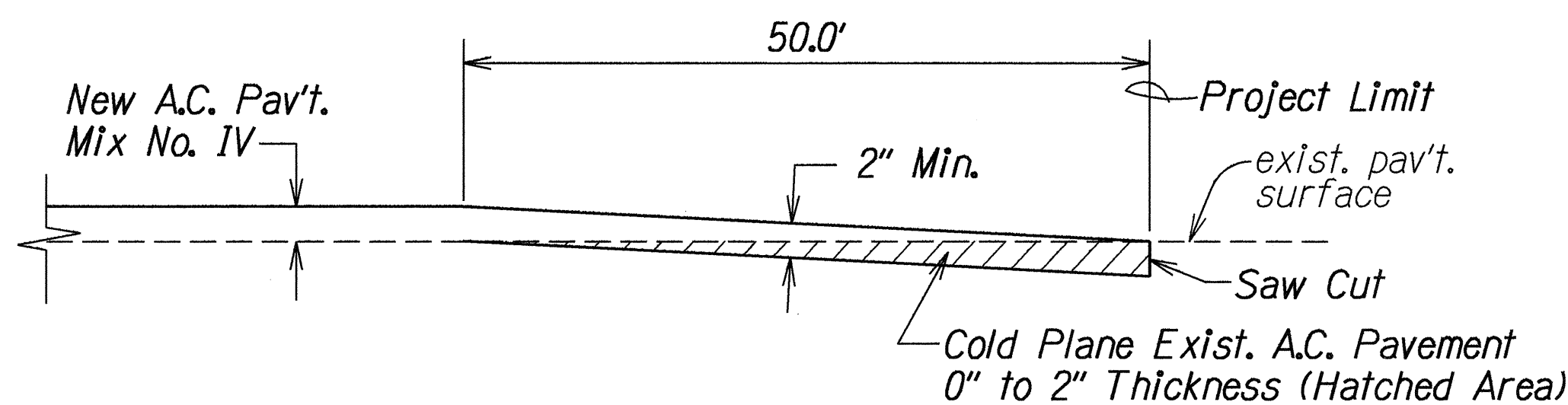
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11EF-01-93M	1993	7	55



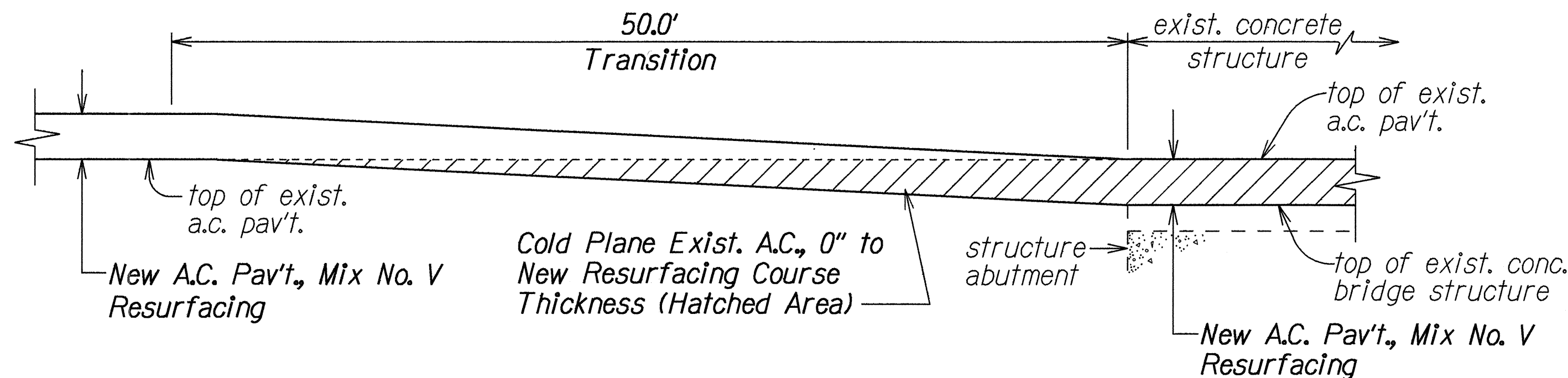
EXISTING PAVED DRIVEWAY OR SIDE ROAD
TYPICAL PAVING TRANSITION DETAIL
 Not To Scale



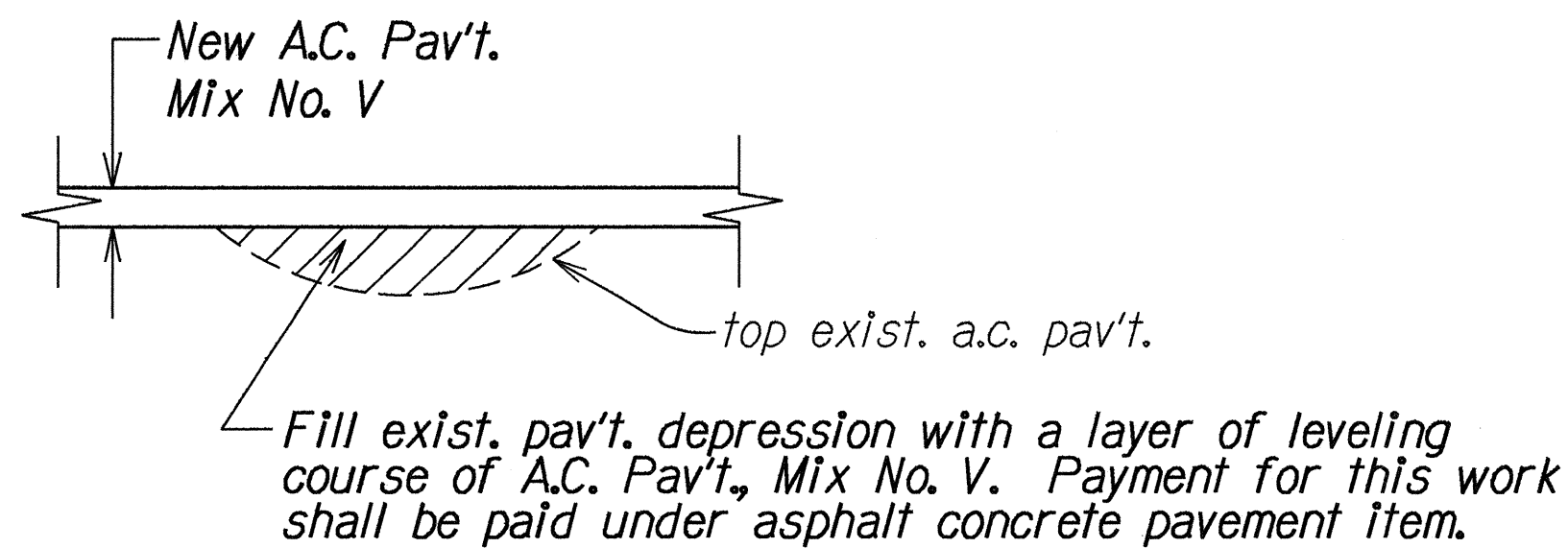
EXISTING UNPAVED DRIVEWAY OR SIDE ROAD
TYPICAL PAVING DETAIL
 Not To Scale



PAVEMENT TRANSITION DETAIL
BEGIN & END PROJECT
 Not to Scale



RESURFACING AT CONCRETE STRUCTURE DETAIL
 Not To Scale



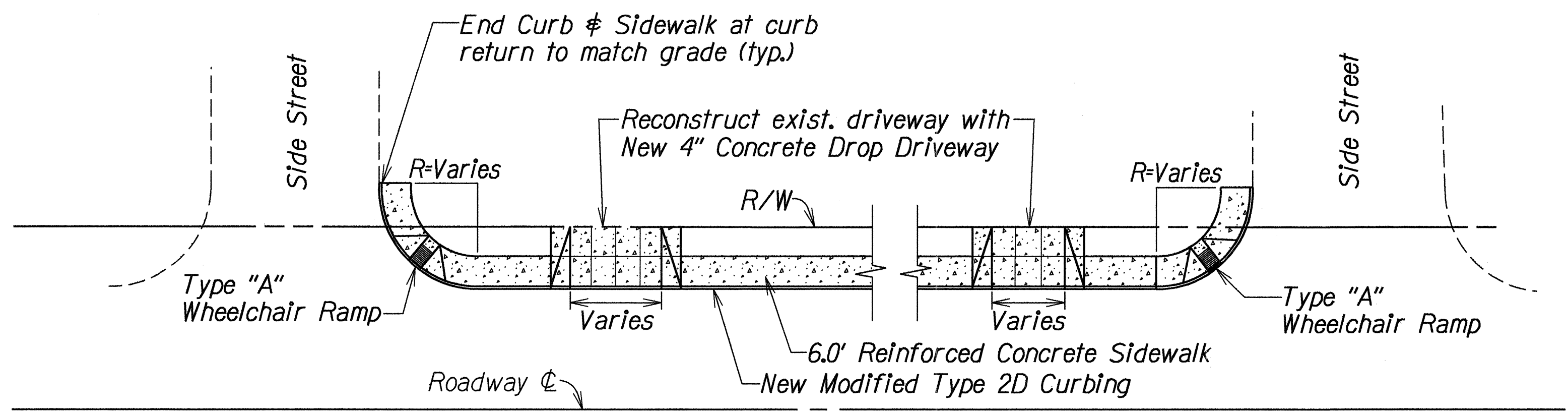
LEVELING COURSE DETAIL
 Not To Scale

ORIGINAL PLAN	DATE	5/23/93
SURVEY PLOTTED BY	DATE	
DRAWN BY	DATE	
DESIGNED BY	DATE	
CHECKED BY	DATE	
IN CHARGE	DATE	
DATE	DATE	

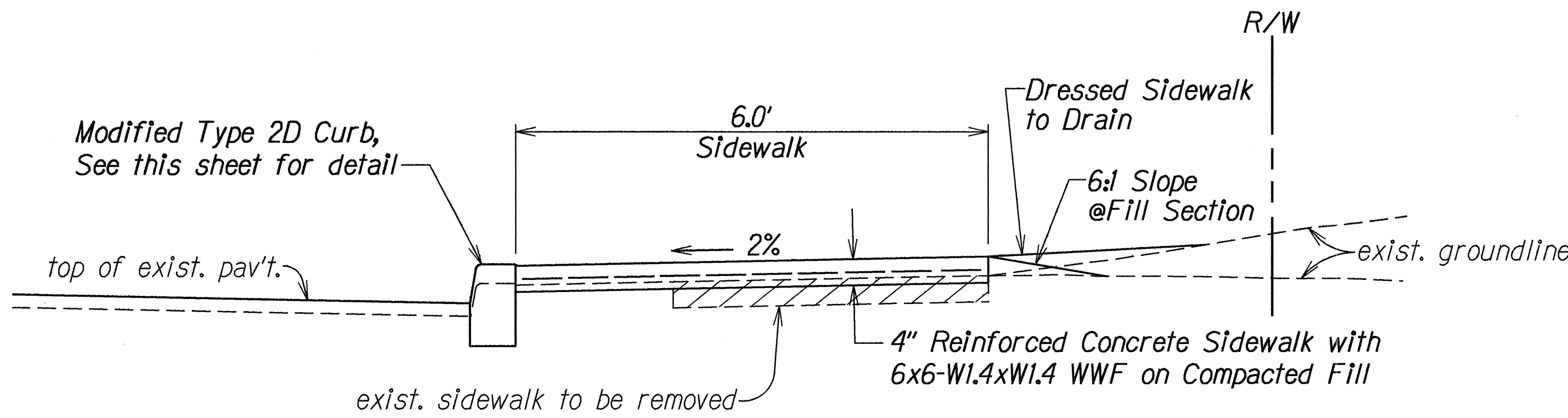
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TYPICAL SECTIONS
AND DETAILS**
HAWAII BELT ROAD RESURFACING
Kahuku to Honuapo
PROJECT NO. 11EF-01-93M
Scale: As Shown Date: June, 1993
SHEET No. 3 OF 6 SHEETS

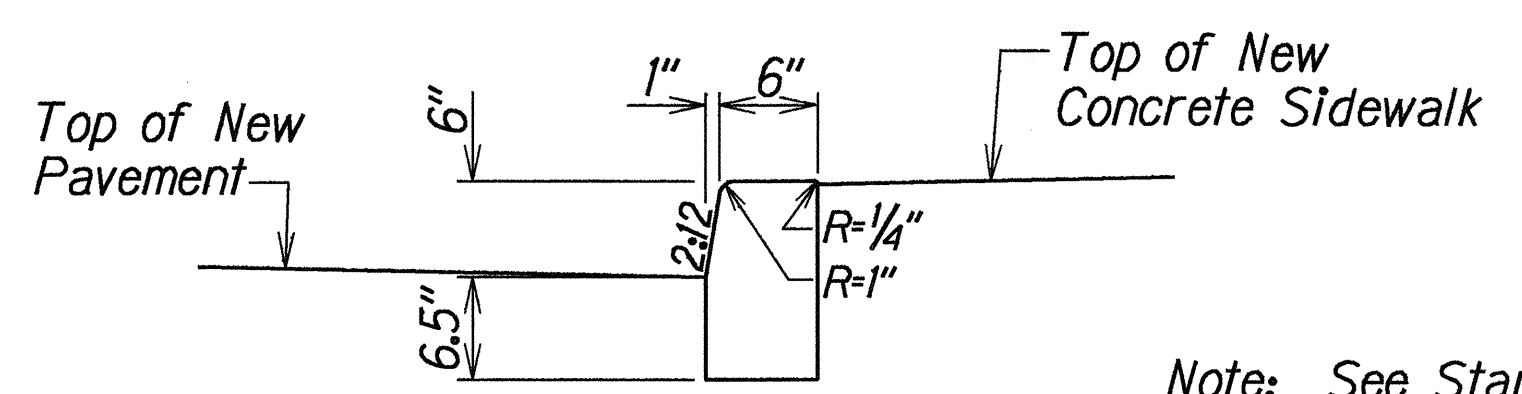
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11EF-01-93M	1993	8	55



PLAN
Scale: 1" = 20.0'



SECTION
Scale: 3/4" = 1.0'



CURB, MODIFIED TYPE 2D
Scale: 1" = 1.0'

Note: See Standard Plans D-04 for additional details.

TYPICAL SIDEWALK DETAIL AT NAALEHU-PROJ NO. P-1942
STA. 141+00± TO # STA. 162+00±

NOTES:

1. New driveway opening shall match the existing.
2. For drop driveway details, see Standard Plans D-05.
3. For wheelchair ramp details, see Section 650-Wheelchair Ramp. Do not use Standard Plans TE-68 and TE-69.
4. Dressing of sidewalk to existing groundline with suitable material as approved by the Engineer shall be considered incidental to Reinforced Concrete Sidewalk.

ORIGINAL PLAN	DATE
SURVEY PLATTED BY	5/22/93
DRAWN BY	
DESIGNED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

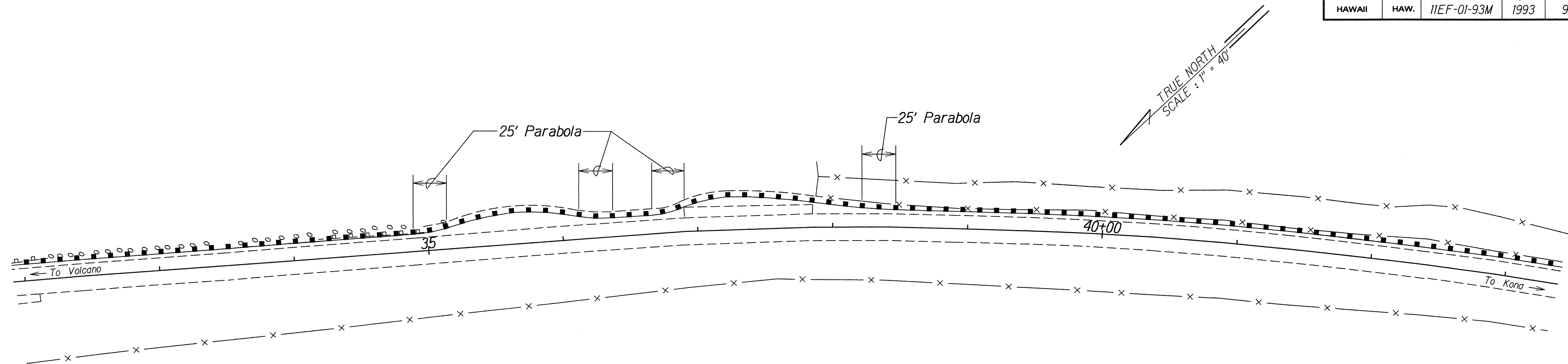
MISCELLANEOUS DETAILS

HAWAII BELT ROAD RESURFACING
Kahuku to Honuapo
PROJECT NO. 11EF-01-93M

Scale: As Shown Date: June, 1993

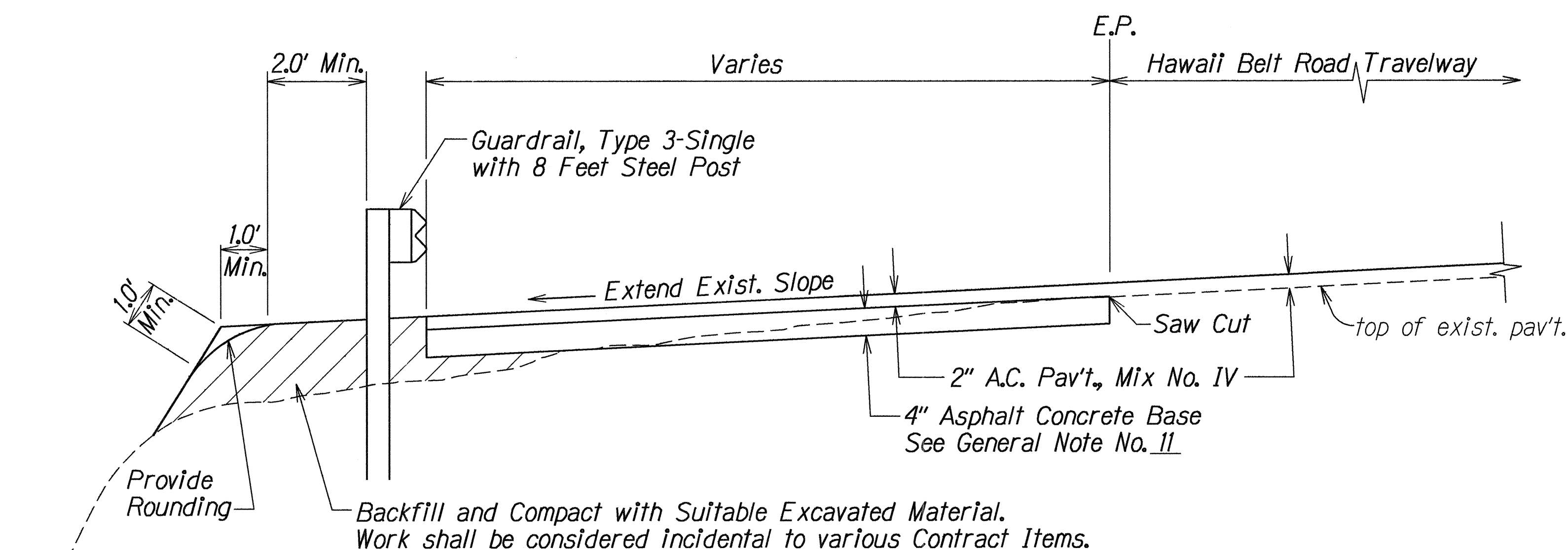
SHEET No. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11EF-01-93M	1993	9	55



NOTES:

1. The exact limits for shoulder paving and installation of new guardrail shall be determined in the field by the Engineer.
2. The removal of existing boulders between Sta. 35+00± to Sta. 38+00± shall be as directed by the Engineer and shall be considered incidental to the various contract items.



TYPICAL SECTION
Not To Scale

SHOULDER PAVING DETAIL-PROJ. NO. P-1942
Sta. 35+00± TO Sta. 38+00±

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	6/1/93
QUANTITIES BY	TRACED BY	
CHECKED BY	CHECKED BY	

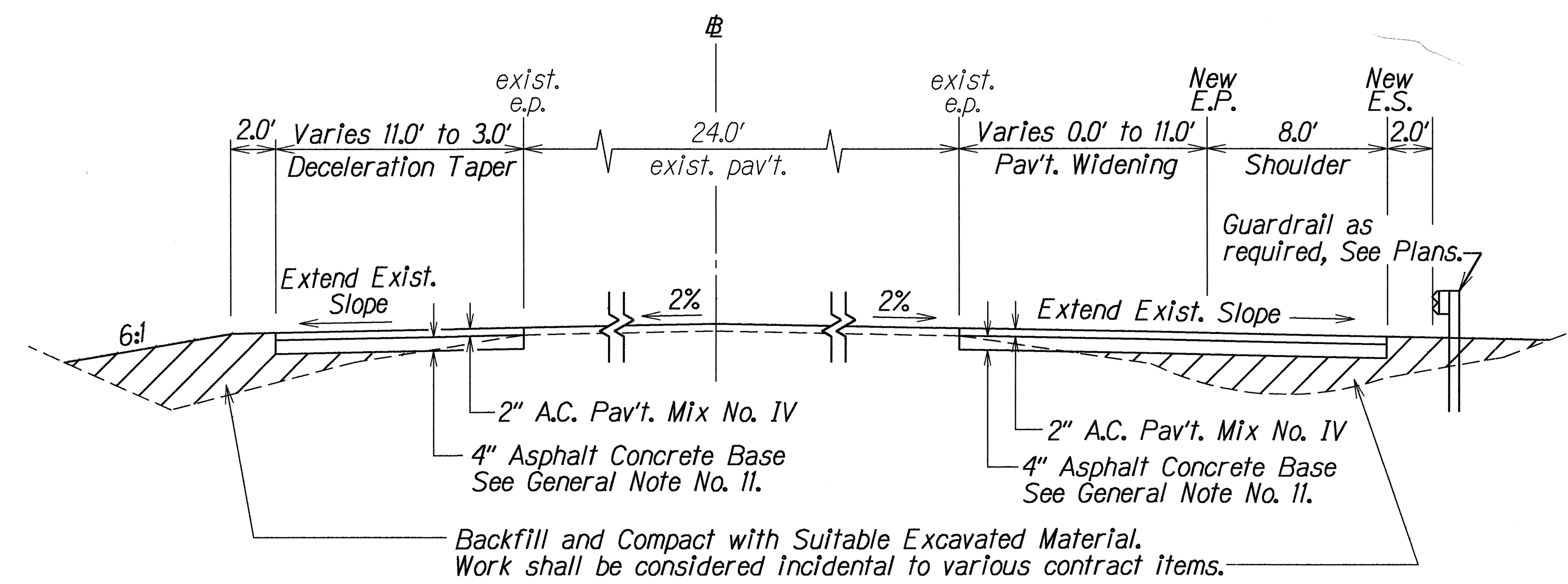
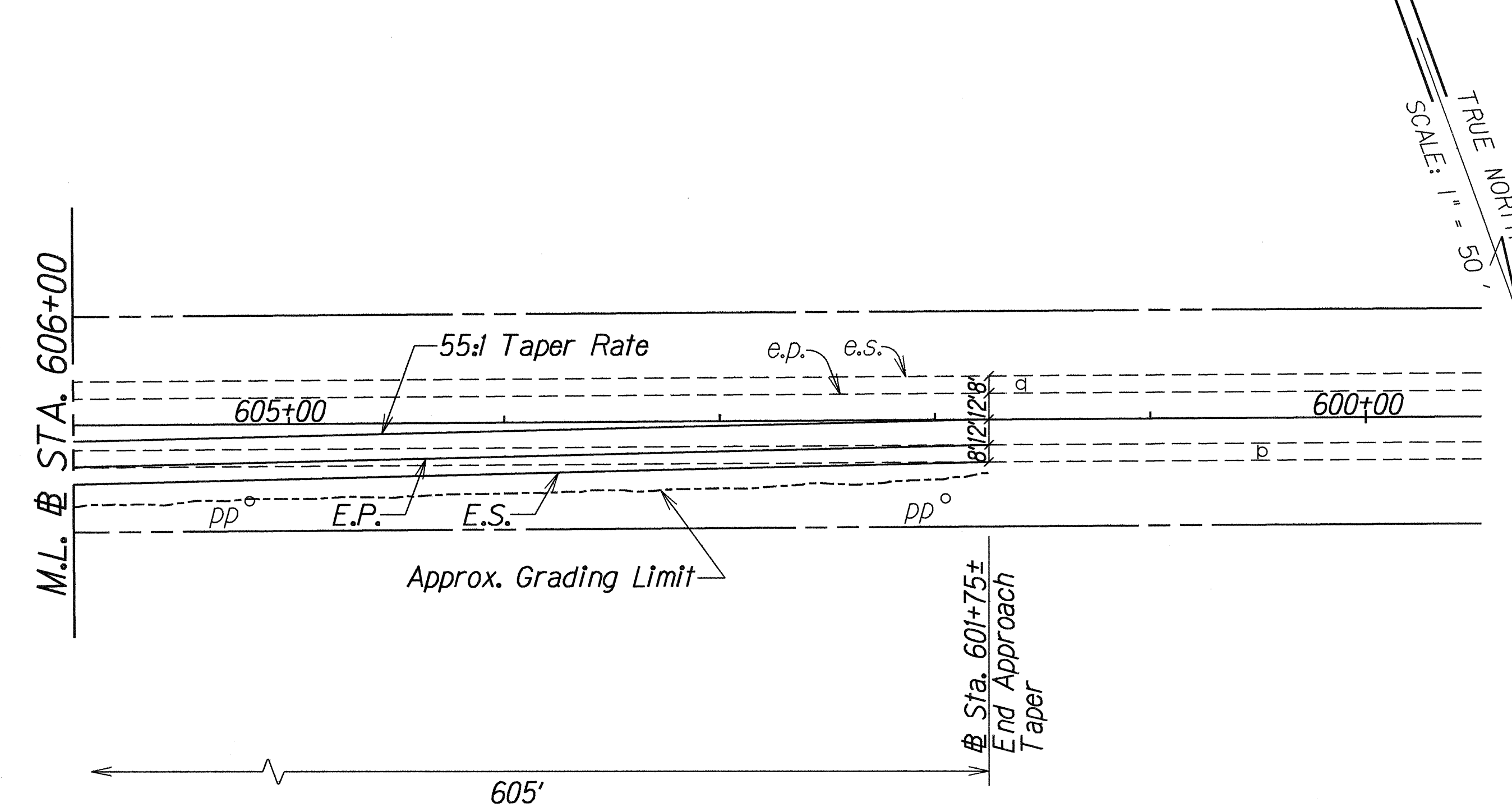
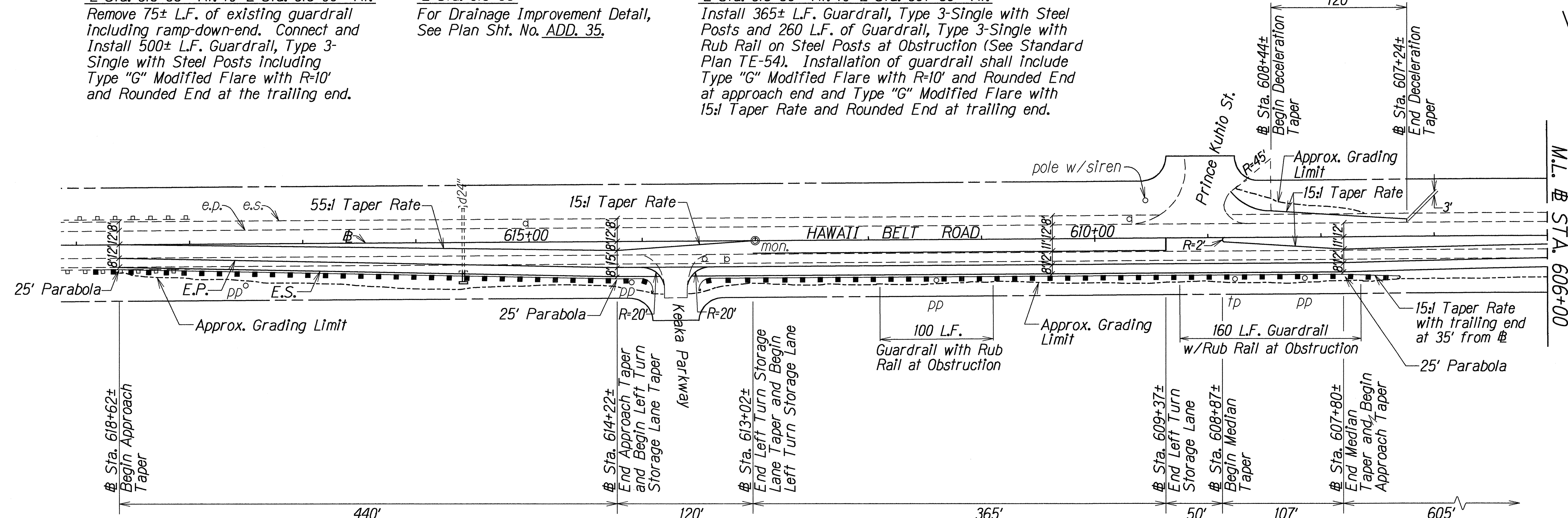
6/14/93	Added notes.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MISCELLANEOUS DETAIL HAWAII BELT ROAD RESURFACING Kahuku to Honuapo PROJECT NO. 11EF-01-93M	
Scale: As Shown	Date: June, 1993
SHEET No. 5	OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11EF-01-93M 11EF-02-93M	1993	10	55

Sta. 618+85± Rt. to Sta. 613+90± Rt.
Remove 75± L.F. of existing guardrail including ramp-down-end. Connect and Install 500± L.F. Guardrail, Type 3-Single with Steel Posts including Type "G" Modified Flare with R=10' and Rounded End at the trailing end.

Sta. 615+58
For Drainage Improvement Detail, See Plan Sht. No. ADD. 35.

Sta. 613+50± Rt. to Sta. 607+30± Rt.
Install 365± L.F. Guardrail, Type 3-Single with Steel Posts and 260 L.F. of Guardrail, Type 3-Single with Rub Rail on Steel Posts at Obstruction (See Standard Plan TE-54). Installation of guardrail shall include Type "G" Modified Flare with R=10' and Rounded End at approach end and Type "G" Modified Flare with 15:1 Taper Rate and Rounded End at trailing end.



TYPICAL SECTION
Not to Scale

LEFT TURN STORAGE LANE DETAIL-PROJ. NO. P-2129
Sta. 618+62± TO Sta. 601+75±

ORIGINAL PLAN	DATE 5/29/93
DRAWN BY	
DESIGNED BY	
CHECKED BY	

6/14/93	Added approx. locations for exist. poles, grading limit and guardrail installation.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

HAWAII BELT ROAD RESURFACING & DRAINAGE STRUCTURES-REPAIR & EXTENSION
Kahuku to Honuapo
PROJ. NOS. 11EF-01-93M & 11EF-02-93M
Scale: 1"= 50' Date: June, 1993

SHEET No. 6 OF 6 SHEETS