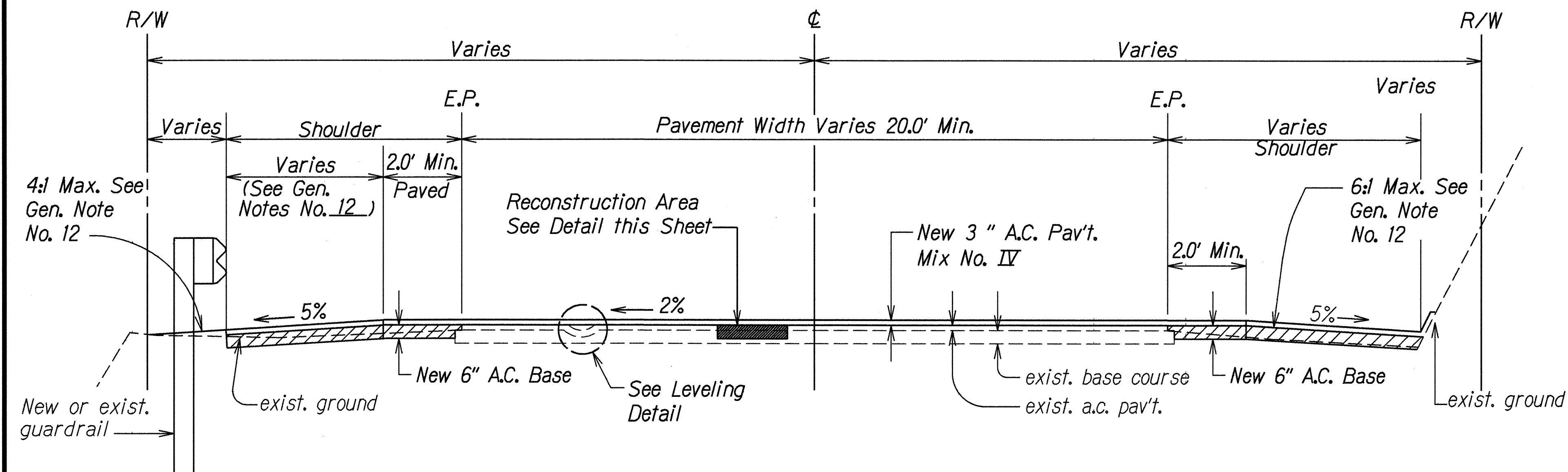


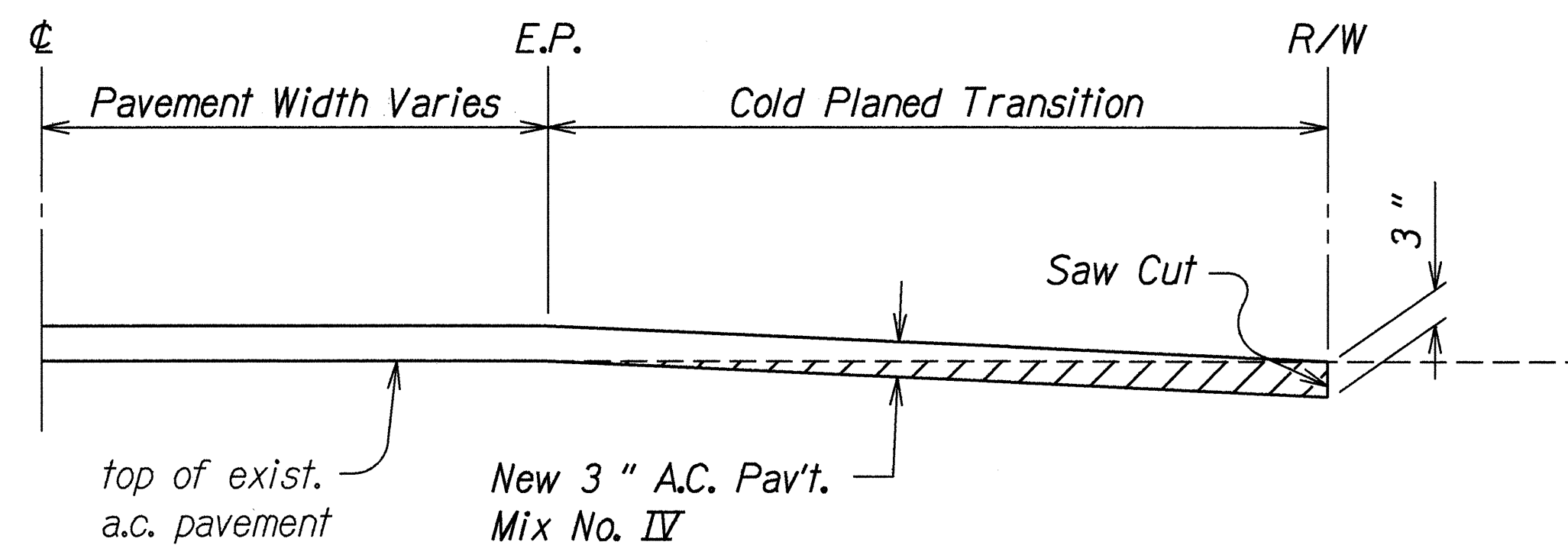
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-95M	1995	4	26



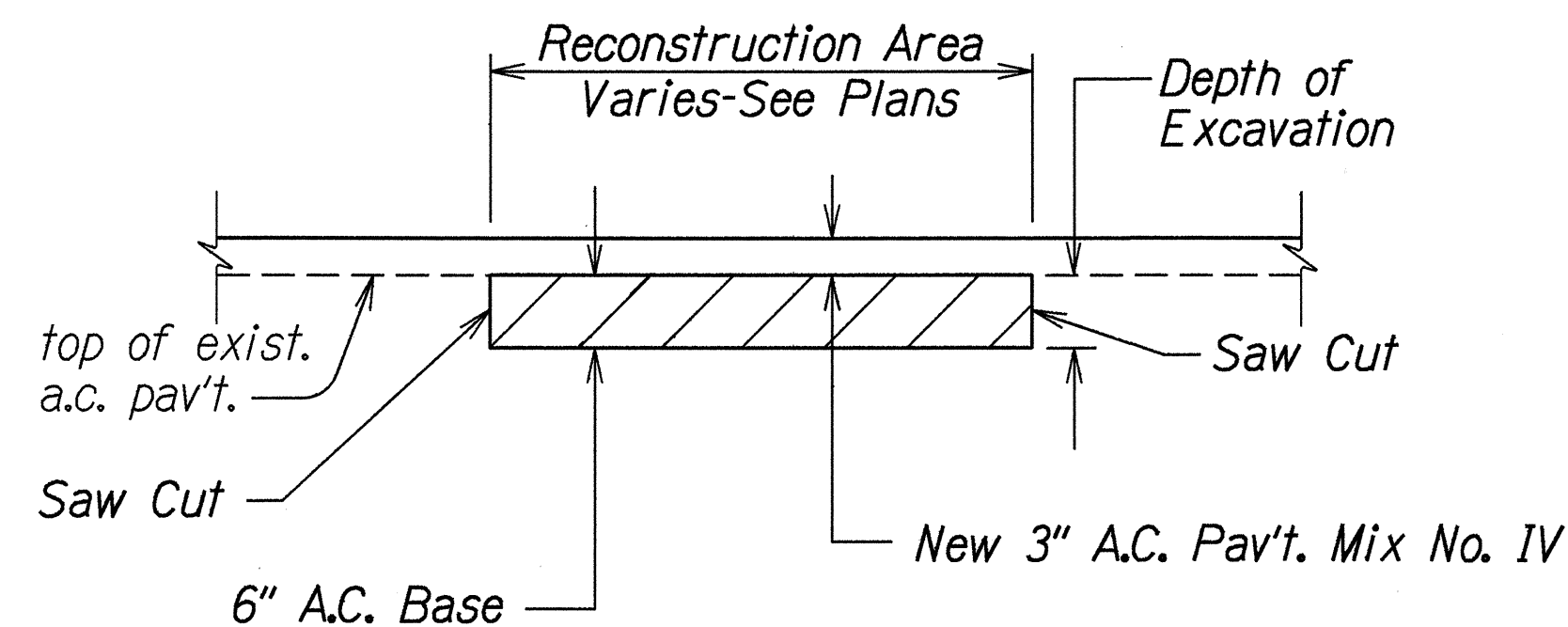
**TYPICAL SECTION**  
Not to Scale

**NOTES:**

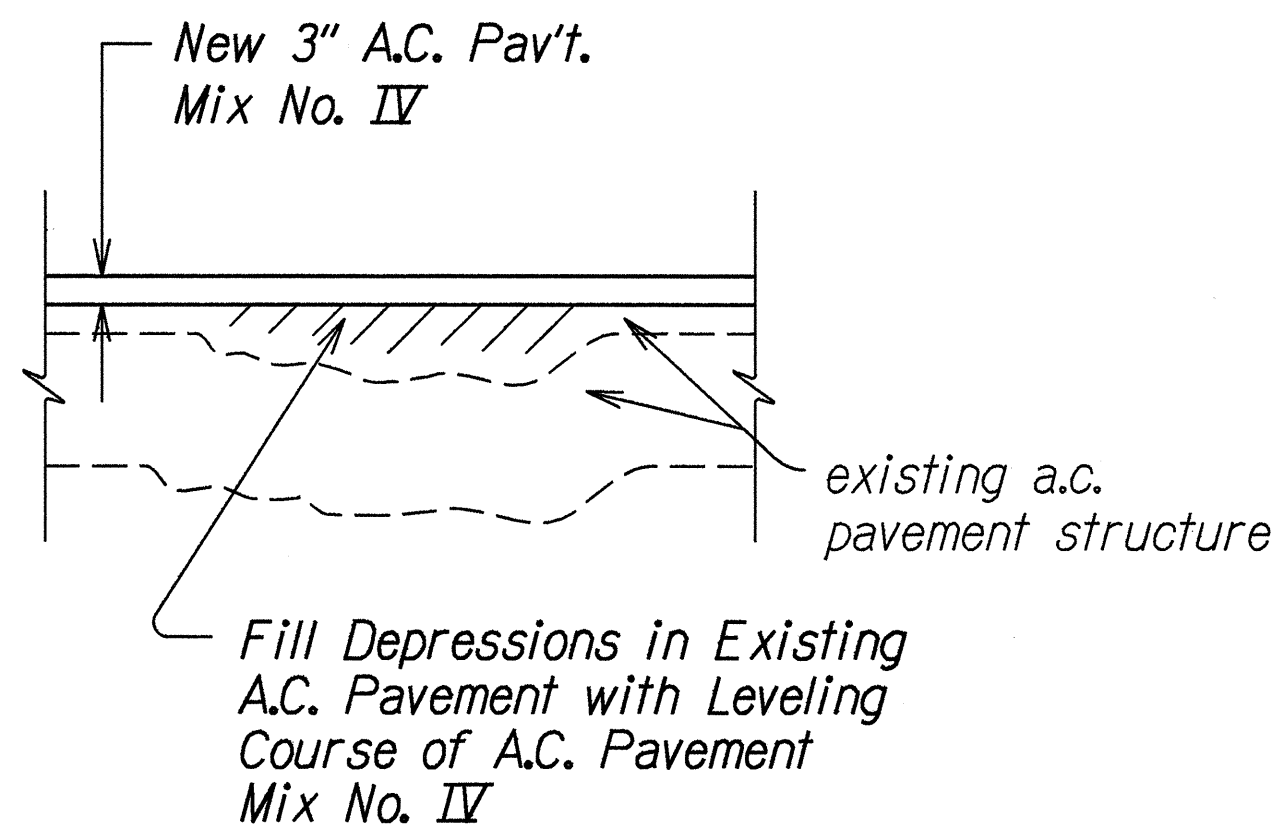
1. Unless directed by the Engineer, minimum graded shoulder width shall be 6 ft.
2. Where guardrails are located, paved shoulder shall be extended to line up with face of rail.
3. Unless directed by the Engineer, paved shoulder shall be terminated at the face of the bank.
4. Generally, roadway/shoulder widening occurs between Sta. 2110+00 and the end of project, unless shown on plans or directed by the Engineer.



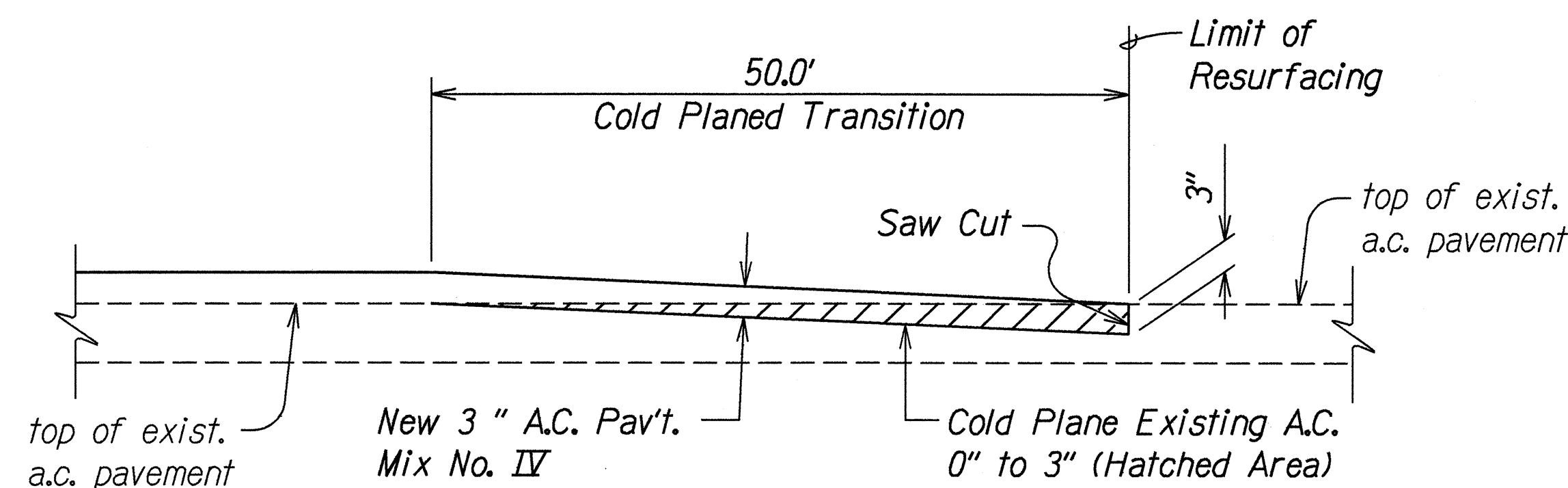
**TRANSITION TO EXISTING DRIVEWAY  
AND SIDEROAD DETAIL**  
Not to Scale



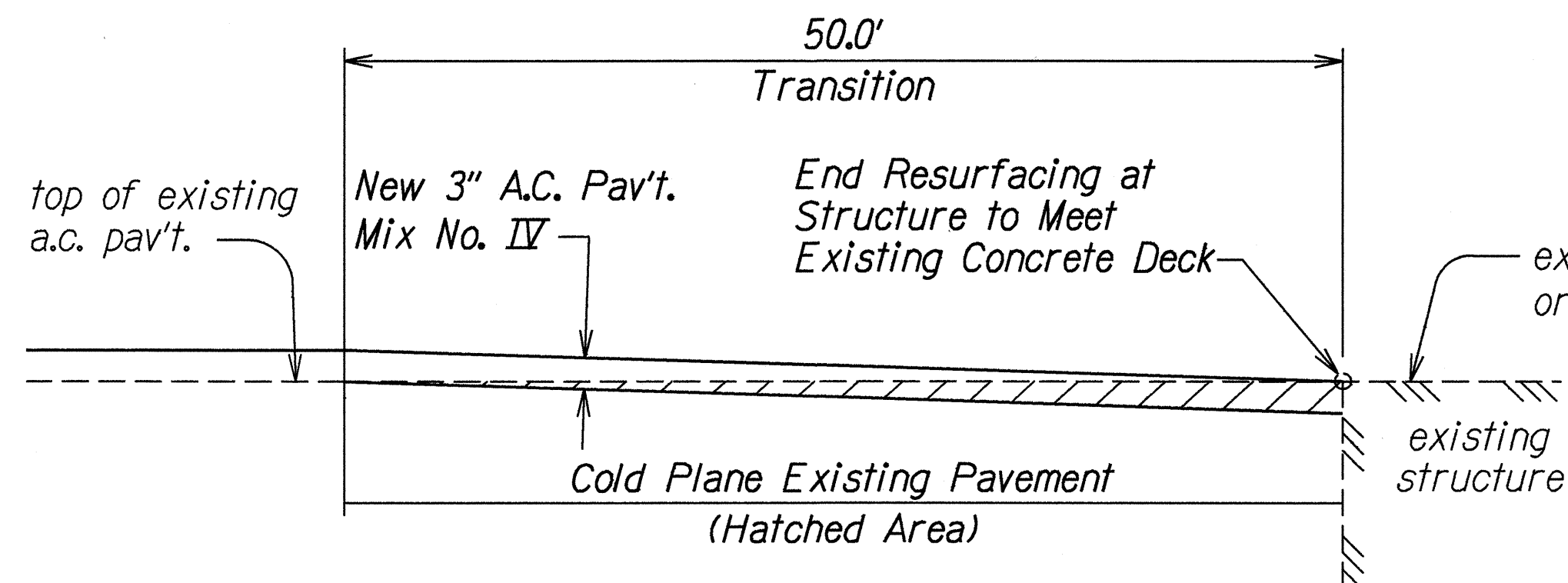
**A.C. PAVEMENT RECONSTRUCTION DETAIL**  
Not To Scale



**LEVELING DETAIL**  
Not To Scale



**COLD PLANED LONGITUDINAL TRANSITION  
AT BEGIN AND END OF PROJECT**  
Not to Scale



**COLD PLANED TRANSITION AT STRUCTURE DETAIL**  
Not to Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	Mar. 1995
TRACED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

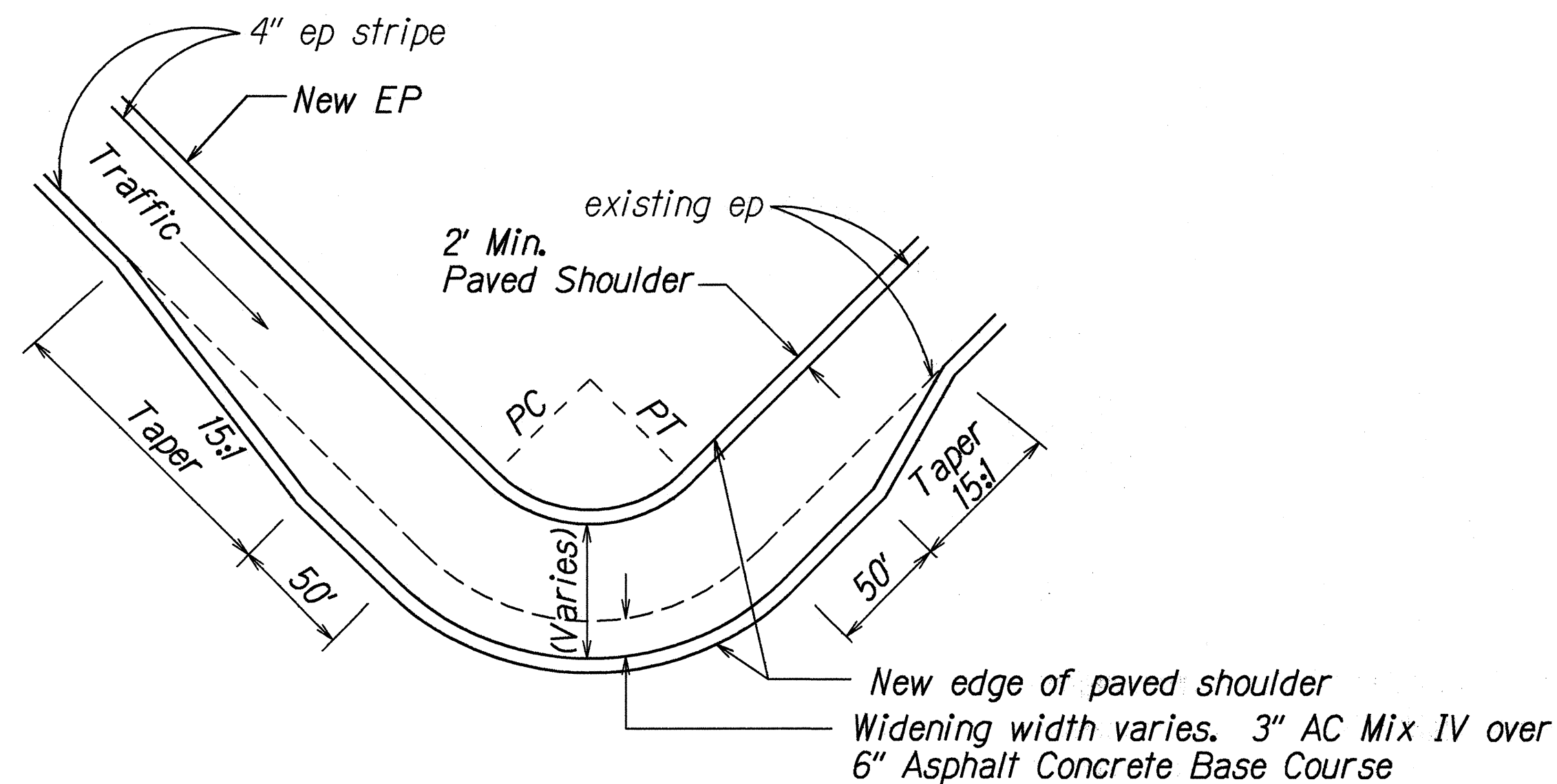
**TYPICAL SECTIONS & DETAILS**

**KAHEKILI HIGHWAY RESURFACING**  
Papanahoa Section  
Project No. 30A-01-95M

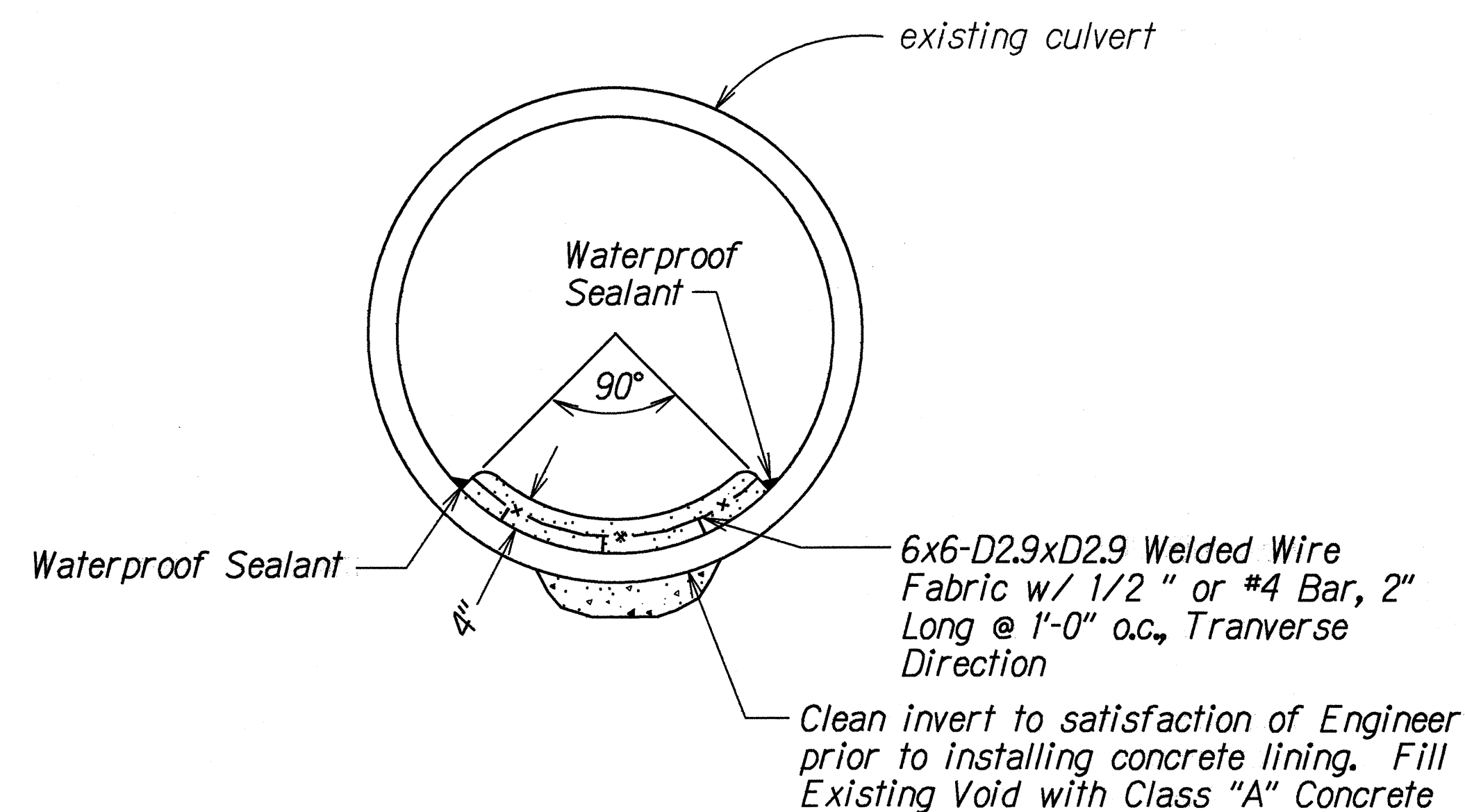
Scale: As Shown Date: March, 1995

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	30A-01-95M	1995	5	26



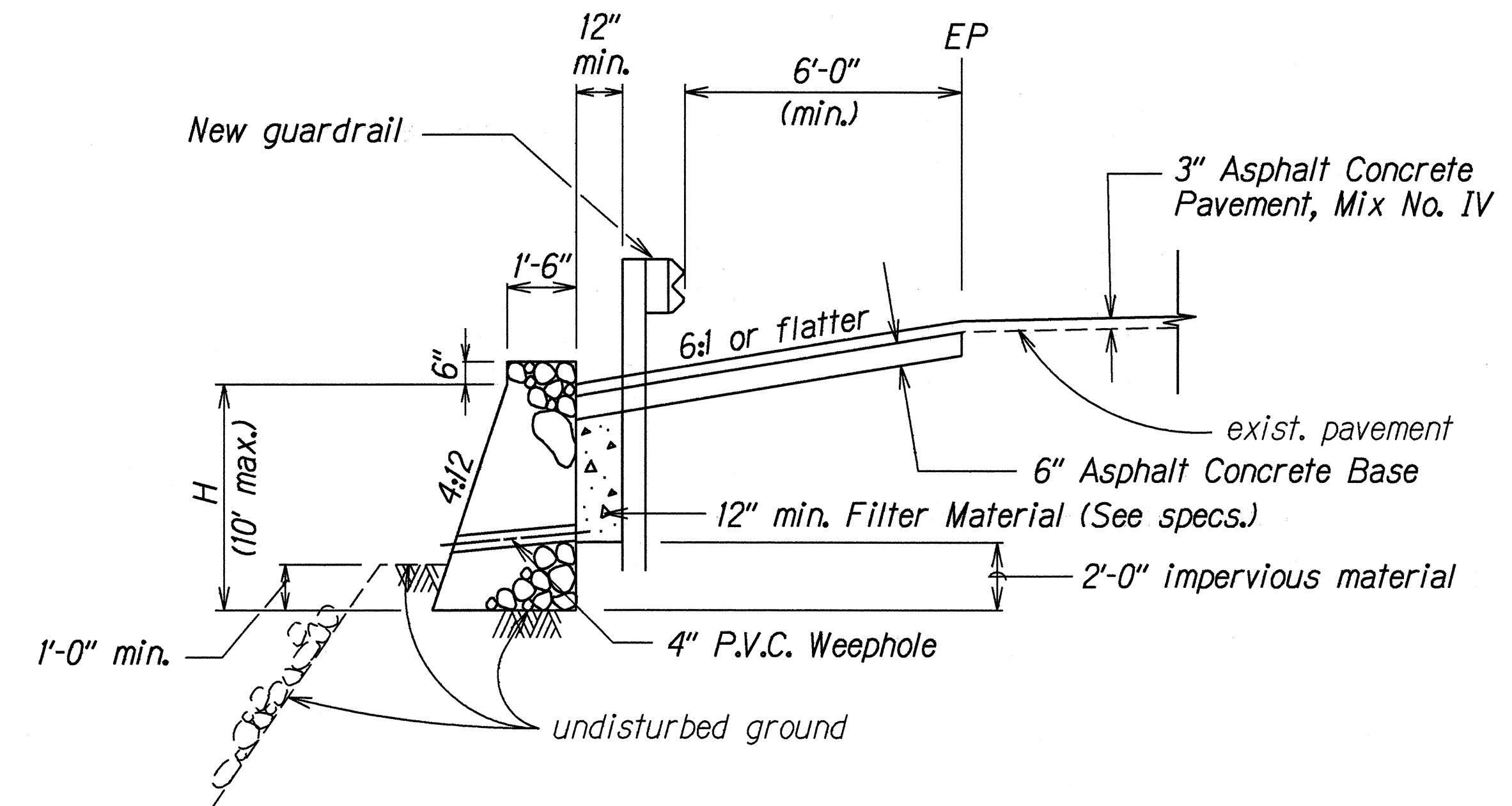
**CURVE WIDENING DETAIL**  
Not To Scale



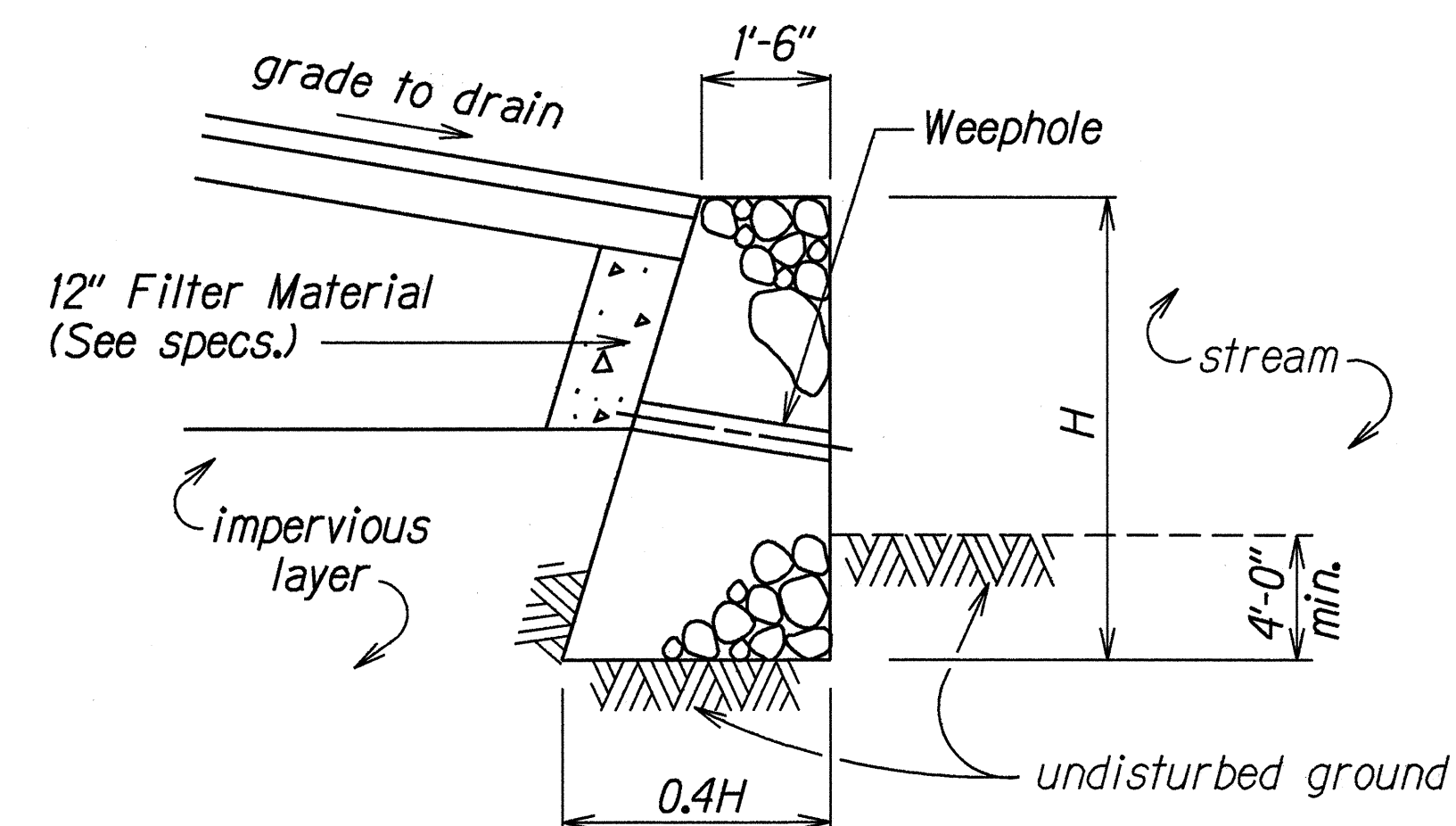
**CONCRETE LINING DETAIL**  
Not To Scale

### GENERAL NOTES

1. The concrete placed in the culvert shall be allowed to cure for a minimum of 48 hours before water is allowed to flow on the in
2. The culvert surface to be in contact with the concrete shall be clean and dry to the satisfaction of the Engineer. Badly corroded sections shall be cut and removed, provided the structural integrity of the culvert is not compromised. Epoxy shall be neatly applied to the clean metal surface prior to placing concrete.
3. The welded wire fabric steel reinforcement shall be placed two inches above the crest of corrugations by welding to studs. The studs shall welded to the structural plate culvert at two feet on centers longitudinally and 1'-0" transversely. If lapping of the welded wire fabric is necessary, it shall be lapped a minimum of six inches.
4. The concrete culvert lining shall be scored 3/4-inch deep laterally along the crest of corrugations, 20 feet on-center.



**TYPICAL SECTION @ CRM RETAINING WALL**  
Not To Scale



**TYPICAL SECTION @ CRM WINGWALL REPAIR**  
Not To Scale

### NOTES:

1. Filter materials will not be paid for separately but shall be considered incidental to various items.
2. Structure backfill shall be considered incidental to structure excavation.

SURVEY PLOTTED BY	DATE	Mar. 1995
DRAWN BY	J. Gubel	
TRACED BY	J. Gubel	
DESIGNED BY	C. Pappas	
QUANTITIES BY		
CHECKED BY		
ORIGINAL PLAN		
NOTE BOOK		
log in		
elimination		

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<b>TYPICAL SECTIONS &amp; DETAILS</b>
<b>KAHEKILI HIGHWAY RESURFACING</b>
<b>Papahoa Section</b>
<b>Project No. 30A-01-95M</b>
Scale: As Shown Date: March, 1995
SHEET No. 2 OF 2 SHEETS