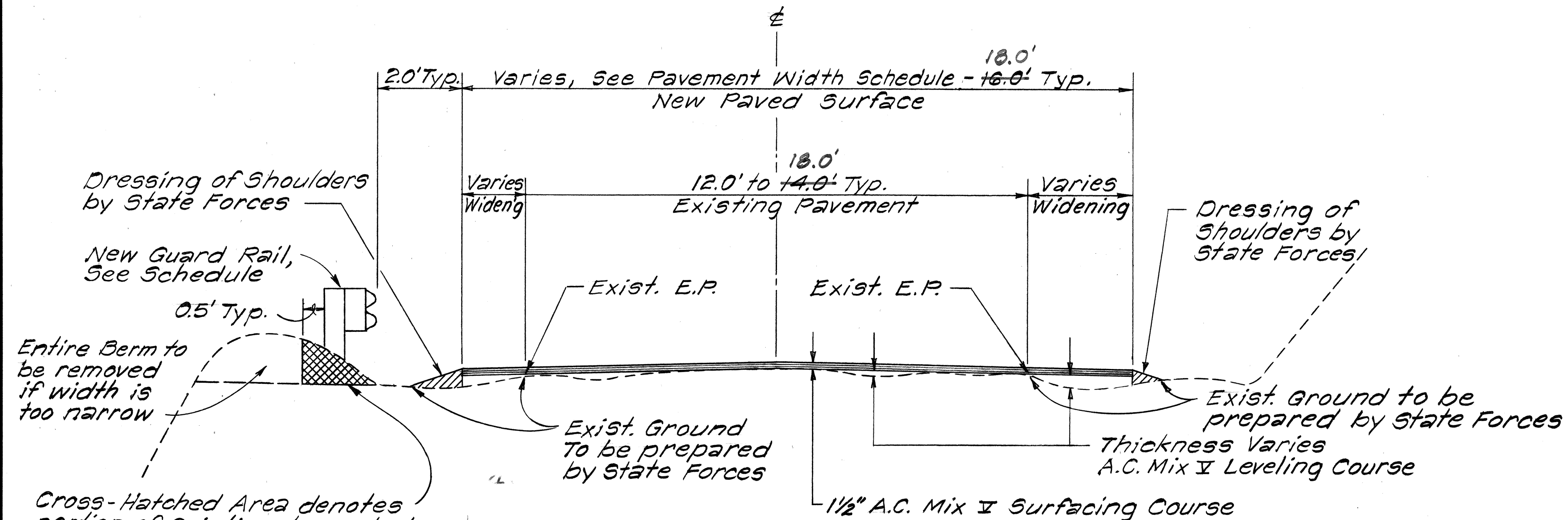


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-01-82 360A-01-83M	1982	2	36

# GENERAL NOTES

1. The stationline of the existing roadway is shown on the plans to designate approximate locations of work to be done and determine approximate quantities. The exact limits and quantities of work to be done will be determined in the field by the Engineer.
2. The Contractor's attention is directed to Subsection 102.05 - Examination of Plans, Specifications, Special Provisions, Site of Work, etc., Subsection 107.13 - Public Convenience and Safety and Section 645 - Traffic Control of the Special Provisions.
3. The Contractor's attention is also directed to Subsection 105.06 - Cooperation Between Contractors of the Special Provisions. The Contractor is informed that another Contractor will be working in the area for PAVEMENT MARKINGS AT VARIOUS BRIDGES, F.A.P. No. RS-PMS-0900(17). The Engineer will coordinate the work for Proj. Nos. 360A-01-82, 360A-01-83M and RS-PMS-0900(17).
4. The excavating, shaping, compacting and preparing of the existing ground to be widened shall be done by State Forces prior to the placing of A.C. Pavement, Mix II by the Contractor. After the A.C. Pavement, Mix II is placed, the State Forces will dress the shoulders. This work shall be coordinated by the Engineer.
5. Any fences, mailboxes or other public or private property adjacent to the roadway that is disturbed, removed or damaged by the Contractor during his construction operations shall be replaced or repaired by the Contractor, at his expense, as directed by the Engineer.
6. The exact location and limits of the existing stone wall surfaces to be shotcreted shall be determined by the Engineer in the field. Prior to gunning the shotcrete, the surfaces of the stone walls shall be cleaned of all dirt, vegetative growth and other debris as directed by the Engineer. No payment will be made for cleaning the surfaces but shall be considered incidental to shotcrete. After gunning the shotcrete on the top of the stone wall, the shotcrete shall be trowelled as directed by the Engineer. No trowelling is required for shotcreting on face of the stone wall.
7. All existing signs and reflector markers within the project limits shall be removed and stockpiled by the Contractor, as directed by the Engineer. The existing mile post markers and State route markers are to remain. No payment will be made for this work but shall be considered incidental to various contract items.
8. The widening and resurfacing widths and limits shown in the Pavement Width Schedule are approximate. The actual width will be as directed by the Engineer.
9. Prior to placing leveling course, the existing pavement surface shall be cleaned as described in Section 310 - Brooming Off of the Standard Specifications. No payment will be made for this work and shall be considered incidental to A.C. Pavement, Mix II.

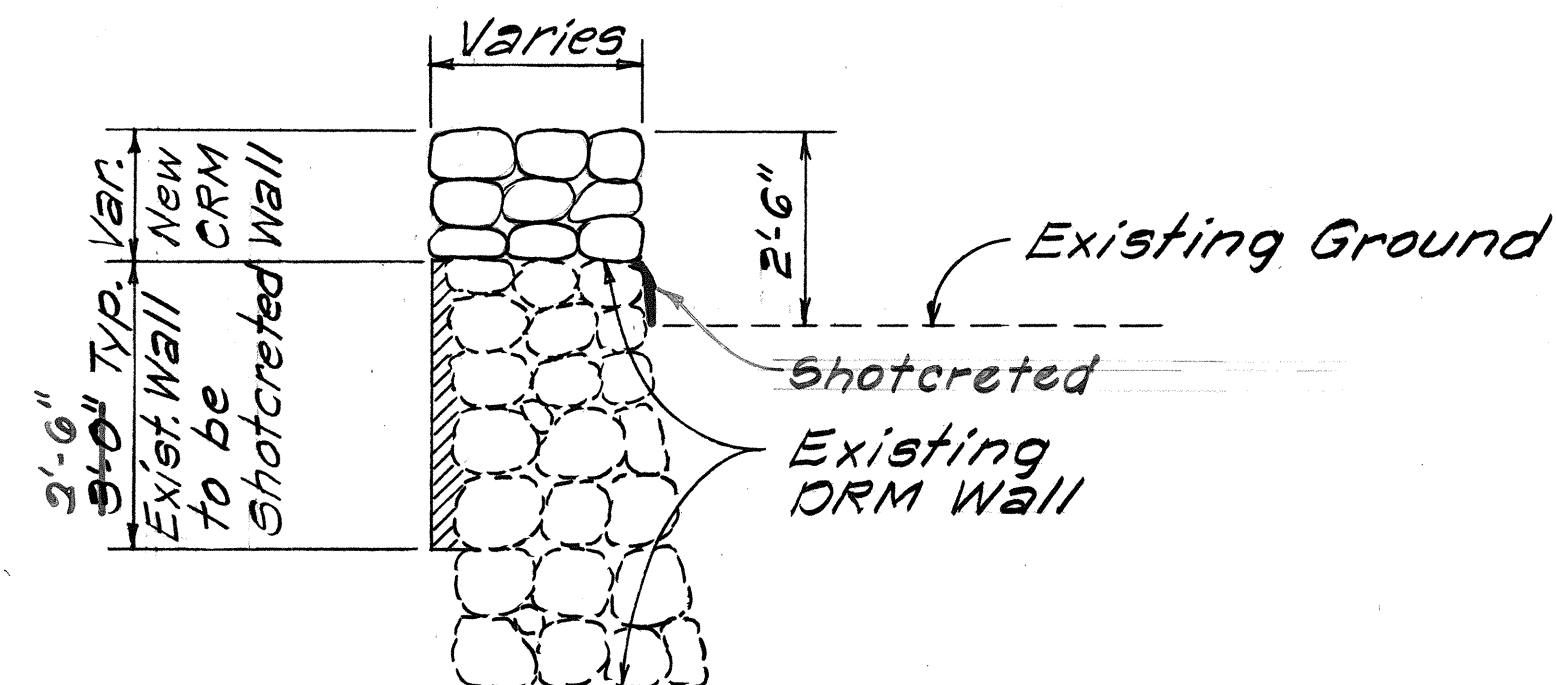


## TYPICAL SECTION

N.T.S.

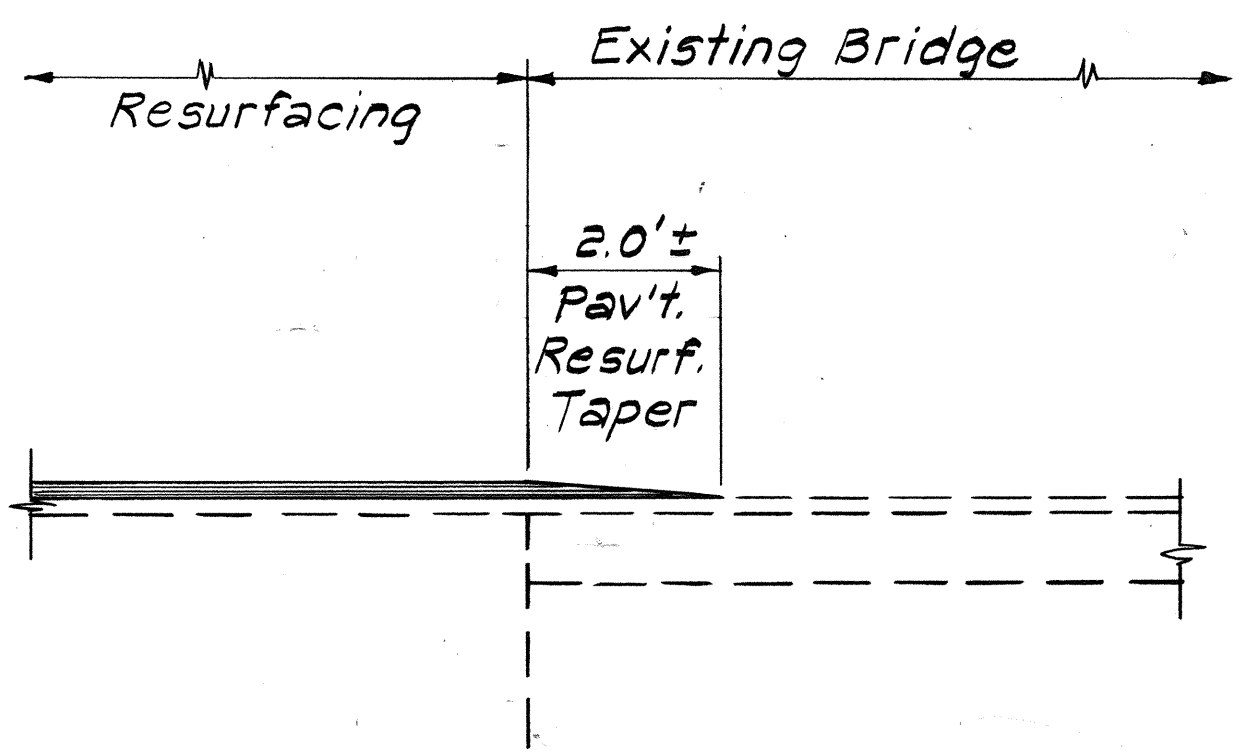
**NOTE:**  
At the widened areas, the State Forces shall prepare the existing ground prior to the placement of A.C. Mix II by the Contractor. After the A.C. has been placed, the State Forces shall dress the shoulders. This work shall be coordinated by the Engineer.

**NOTE:**  
The top of the existing DRM wall shall be cleaned of all loose rocks, debris and vegetation as directed by the Engineer. Prior to placing of new CRM wall a minimum of 1" thick continuous concrete grout shall be placed over existing DRM wall. No payment will be made for this work and shall be considered incidental to CRM wall. Exact limits for shotcrete shall be determined in the field by the Engineer.



## NEW CRM WALL DETAILS

N.T.S.



## LONGITUDINAL SECTION AT BRIDGE APPROACHES

Scale: 1/2" = 1'-0"

## PROJECT DESCRIPTION

Project Nos. 360A-01-82 and 360A-01-83M begins near Huelo at Hanalei Streams and extends in the southeasterly direction to Hanomanu Bay. The length of project is 9.754 miles. Improvements for Project No. 360A-01-82 consists of replacing culverts, constructing CRM walls, shotcreting and installing guard rails, reflector markers and traffic signs. Improvements for Project No. 360A-01-83M consists of placing A.C. Pavement, Mix II and installing pavement markers and striping.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL SECTIONS & GEN. NOTES  
  
HANA HIGHWAY  
IMPROVEMENTS & RESURFACING  
Proj. Nos. 360A-01-82 & 360A-01-83M  
  
Scale: As Shown      Date: June, 1982  
SHEET NO. 1 OF 1 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____