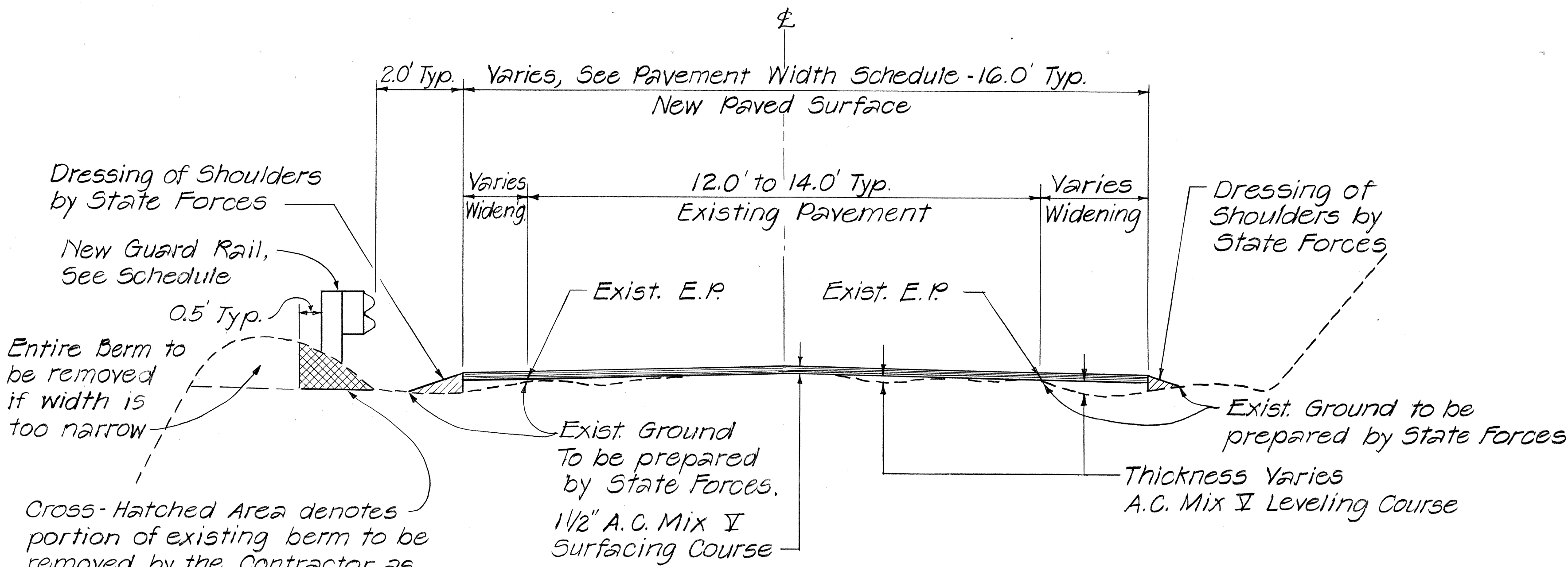


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360B-01-85	1985	2	41

GENERAL NOTES

- 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.
- 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
- 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 I by the Contractor. After the A.C. Pavement, Mix I is placed, the State Forces will dress the shoulders. This work shall be coordinated by the Engineer.
- 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.
- 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 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. The Contractor shall provide 4" weep holes at 8 feet on centers as directed by the Engineer. This work shall be considered incidental to shotcrete.
- 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.
- 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 I.
- Reflector markers with steel posts shall be installed behind guard rails. At all other locations, reflector markers with flexible posts shall be installed. Exact location to be determined by the Engineer.
- All reflector markers, except those noted on the plans that are to remain, shall be removed and stockpiled by the Contractor, as directed by the Engineer. The existing milepost markers, state route markers and signs are to remain, unless noted on the plans to be removed. No payment will be made for this work but shall be considered incidental to various contract items.



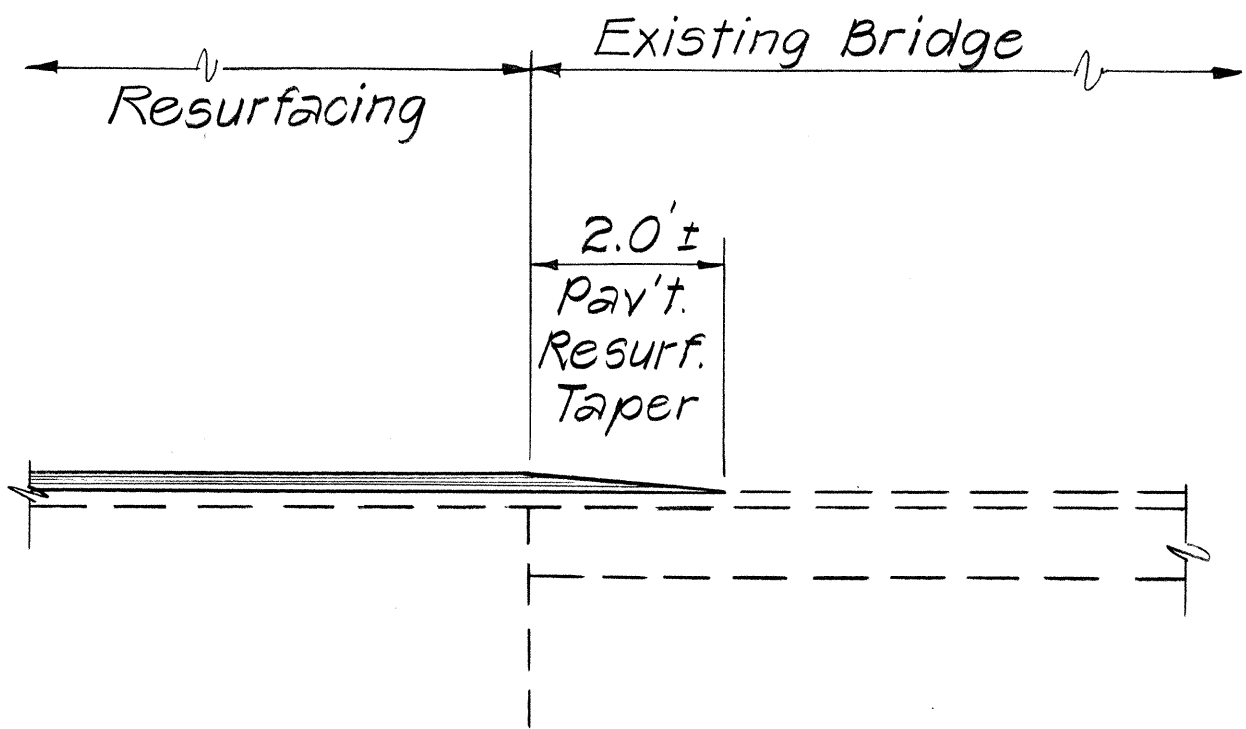
TYPICAL SECTION
N.T.S.

NOTE:

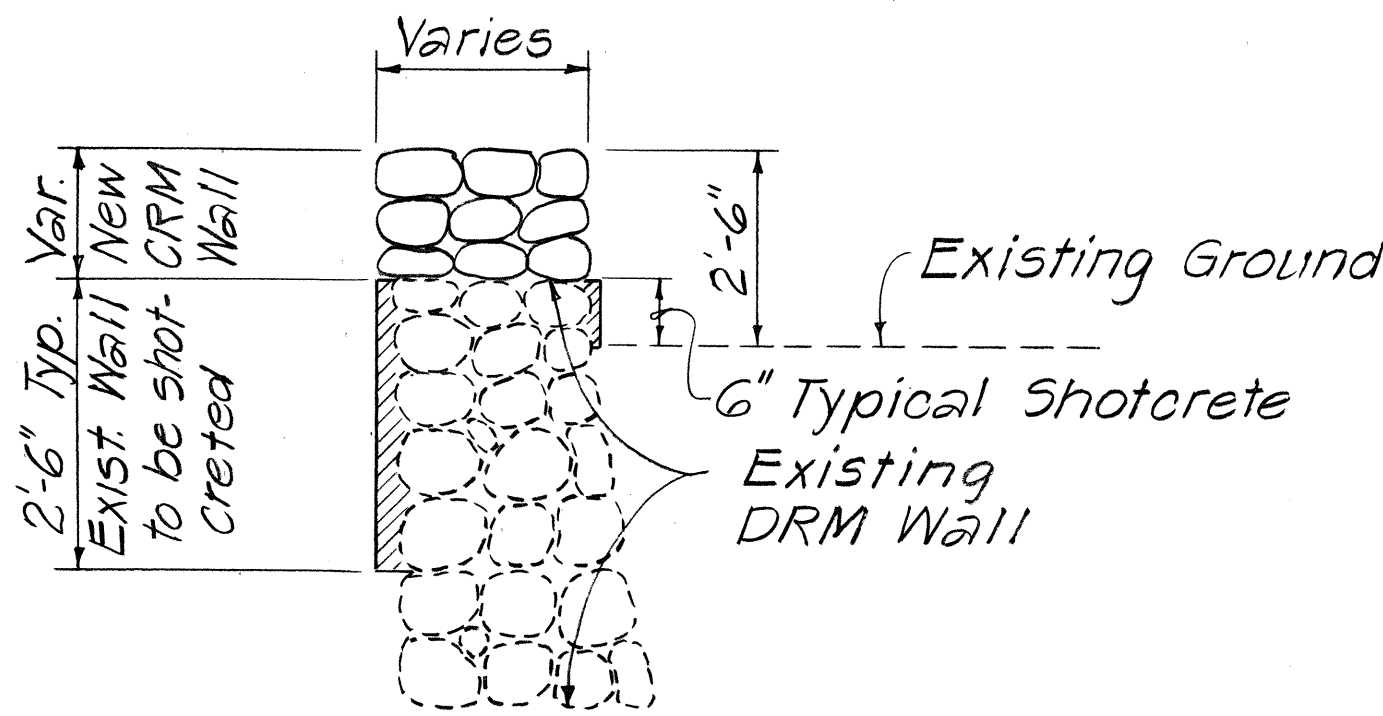
At the widened areas, the State Forces shall prepare the existing ground prior to the placement of A.C. Mix I by the Contractor. After the A.C. has been placed, the State Forces shall dress the shoulders. This work shall be coordinated by the Engineer.

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.



**LONGITUDINAL SECTION AT
BRIDGE APPROACHES**
Scale: 1/2" = 1'-0"



NEW CRM WALL DETAILS
N.T.S.

PROJECT DESCRIPTION

Project No. 360B-01-85 begins at Sta. 890+00, approximately, 0.2 mile Hana side of Waikani Bridge, and extends towards Hana. Improvements consist of placing asphalt concrete pavement, Mix I, replacing and extending culverts, constructing CRM walls and french drains, shotcreting DRM walls, and installing guard rails, reflector markers, traffic signs, pavement markers and striping. The length of this project is 3.906 miles.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYP. SECTIONS & GEN. NOTES	
HANA HIGHWAY IMPROVEMENTS	
WAILUA TOWARDS HANA, PHASE I	
PROJ. NO. 360B-01-85	
SCALE: AS NOTED	SEPT. 1984
SHEET NO. 1 OF 1 SHEETS	

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