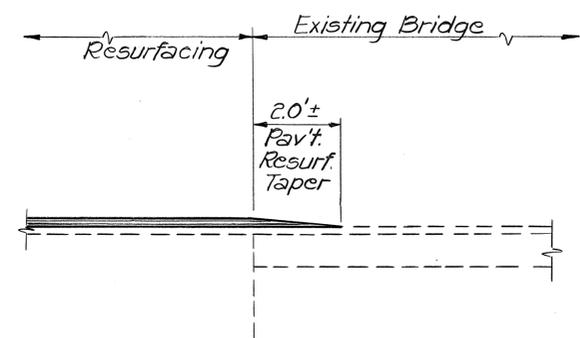


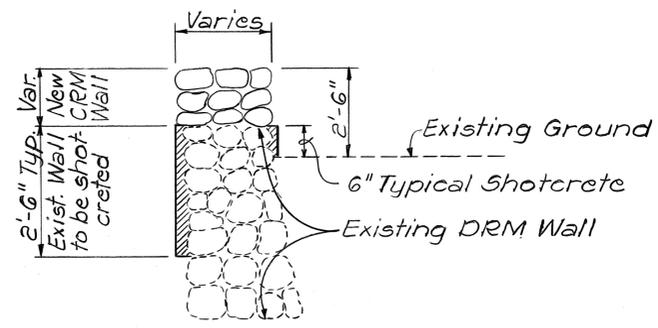
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-88	1988	4	35

**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.



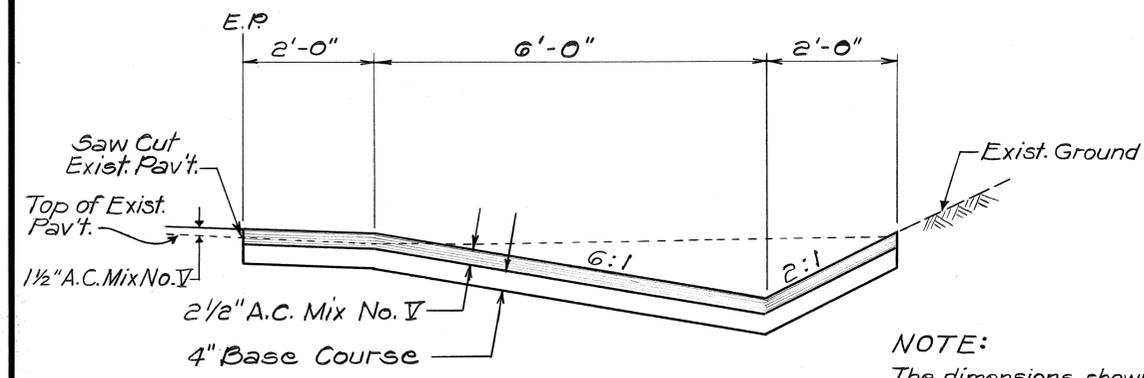
**LONGITUDINAL SECTION AT BRIDGE APPROACHES**  
Scale: 1/2" = 1'-0"



**NEW CRM WALL DETAILS**  
Not To Scale

APPROXIMATE LIMITS STATION TO STATION	PAVEMENT WIDTH
1020+50± - 1022+00±	16'
1022+00± - 1025+00±	17'
1025+00± - 1100+50±	18'
1100+50± - 1106+00±	19'
1106+00± - 1110+00±	17'
1110+00± - 1115+00±	18'
1115+00± - 1122+46±	17'

APPROXIMATE LIMITS STATION TO STATION	APPROX. CRM VOL. (C.Y.)	APPROX. SHOTCRETE AREA (S.Y.)
853+00± - 855+65±Lt	15	105
857+00± - 858+50±Lt	10	70
870+00± - 871+50±Lt	10	40



**BITUMINOUS GUTTER TYPE 7 (G1218) DETAIL**  
Scale: 3/4" = 1'-0"

**NOTE:**  
The dimensions shown are for typical condition only. When roadway shoulder area narrows the dimensions shall vary.

**NOTE:**

1. For CRM Wall Details, see this Sheet.
2. CRM Wall Schedule does not include quantities for CRM headwalls which may be located within CRM Wall limits.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
DATE	_____
DESIGNED BY	_____
CHECKED BY	_____

6/7/88	Additional item to CRM Wall Schedule.
DATE	REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**DETAILS AND SCHEDULES**

HANA HIGHWAY IMPROVEMENTS  
KEANAE & NAHIKU SECTIONS  
Project No. 360AB-01-88

Scale: As Noted Date: May, 1988

SHEET No. 1 OF 1 SHEETS