

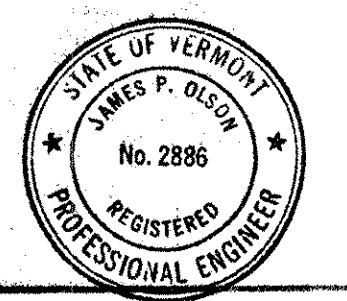
- NOTES:**
- AT WELDED SECTIONS, AREA WILL BE CLEANED WITH A WIRE BRUSH AND REFINISHED WITH ONE COAT OF BASIC LEAD SILICO-CHROMATE PRIMER, TYPE I AND TWO COATS OF BASIC LEAD SILICO-CHR. GRAY PAINT.
    - PRIMER MEETING REQ'TS OF VT HWY SPEC. ITEM 708.01 (b)
    - PAINT " " " " " " ITEM 708.02 (b)
  - IF DEPTH TO LEDGE PROHIBITS CONSTRUCTION OF 1'-0" MIN. THICKNESS FOOTING, THEN HEADWALL CAN BE CONSTRUCTED BY ANCHORING TO LEDGE WITH #5 DOWELS @ 12" O.C. GROUTED INTO PREDRILLED HOLES.
    - DEPTH OF EMBEDMENT = 30" MIN.
    - LAP DISTANCE TO WALL REINF. = 30" MIN.
  - REMOVE EXISTING BUTTRESSES ON DISCHARGE SPILLWAY HEADWALL BEFORE NEW CONSTRUCTION.
  - EXCAVATE FILL FROM BEHIND EXISTING WALLS AND INSTALL PERFORATED DRAIN.

- FOUNDATION FOR THE HEADWALLS WILL BE INSPECTED BY THE ENGINEER BEFORE PLACEMENT OF NEW CONCRETE.
- CONCRETE WILL BE MIN. 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, WITH CRUSHED STONE AGGREGATE.
- REINFORCING STEEL WILL BE NEW, CLEAN DEFORMED BARS WITH A MIN. YIELD STRESS OF 40,000 PSI.
- THE NEW HEADWALL AND RELATED STRUCTURES WILL BE CONSTRUCTED TO THE LINES AND GRADES SHOWN ON THE DRAWINGS.

AS BUILT JAN 1984

12/14/82 JPD		NOTES, DETAIL ADDED	
Date	Ch'kd	Revision	
Drawn by	JPD	Date	JUNE 1982
Checked by		Scale	AS NOTED
Approved by	JPD	Project No.	

PROPOSED REPAIR - SPILLWAY HEADWALLS  
WARREN LAKE - WARREN, VT.  
JACK KEIR AND LEROY ROBINSON  
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