



## TYPICAL BRIDGE UNIT REINFORCING ELEVATION

### DESIGN DATA:

1. CORE STRENGTH OF CONCRETE SHALL BE 5,000 PSI MINIMUM AT 28 DAYS.
2. REINFORCING STEEL SHALL BE WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.
3. DESIGN LOAD: HL-93
4. SKEW ANGLE: N/A
5. 2 1/2" COVER ON EXTERIOR OF TOP SLAB, 1 1/2" ON ALL INTERIOR, 2" ON EXTERIOR OF WALLS
6. D.E.C. - 4'-0" - 5'-3"

### SECTION CHARACTERISTICS:

SPAN: 33'-0" (34'-2" SKEWED)  
 RISE: 6'-0"  
 WT: 1'-0" (WALL THICKNESS)  
 TS: 1'-8" (TOP SLAB)  
 HAUNCH: 1'-0"

### AREA OF STEEL REQUIRED: (IN<sup>2</sup>/FT)

As1 = 1.896  
 As2 = 4.16  
 As3 = N/A  
 As4 = 0.48  
 As5 = 0.13  
 As6 = 0.13  
 As7 = 0.48  
 As8 = 0.48

L = 4'-6"

**FOR APPROVAL**

DATE	DESCRIPTION	ENG	POULTNEY BF 0138(12)		DESIGNED BY:	PROJECT NUMBER: 18-455
7			POULTNEY BF 0138(12)			DATE: 11/9/2018
6						DESIGNED BY: RPZ
5						DRAWN BY: RPZ
4						CHECKED BY: TEN
3						
2						
1						

LOCALE: POULTNEY

STATE: VT

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