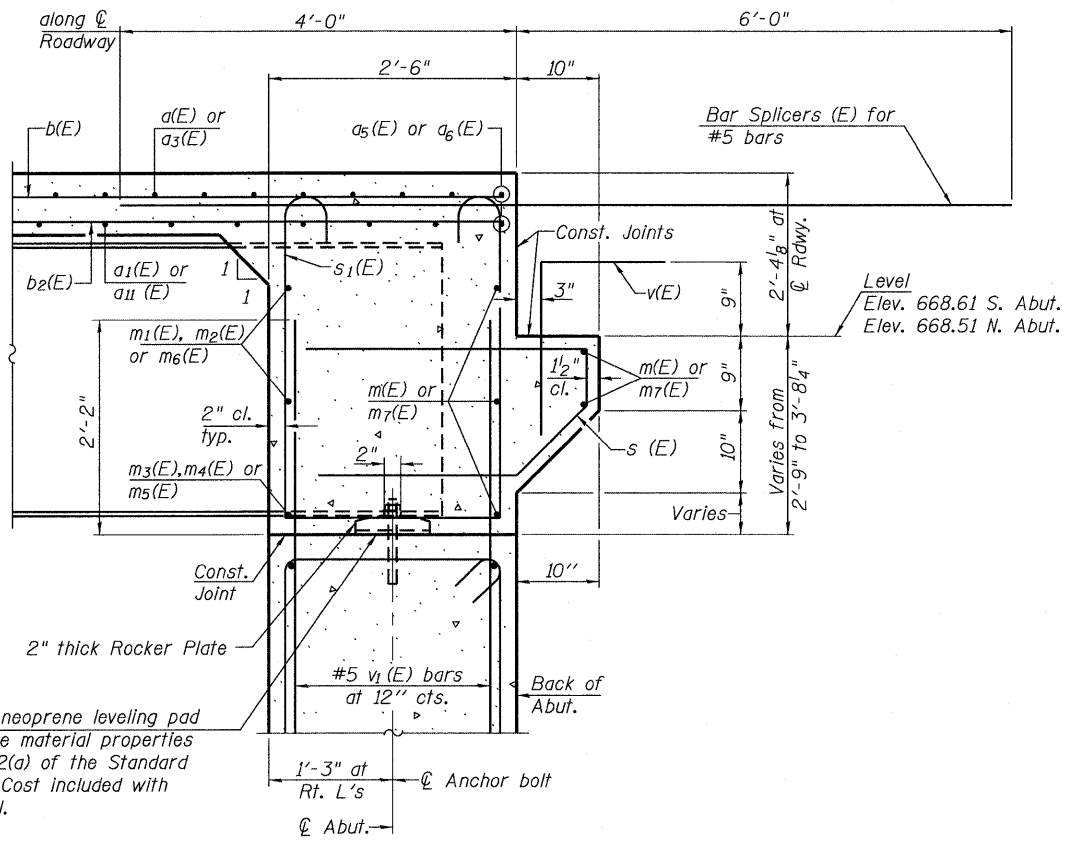


DIAPHRAGM ELEVATION AT ABUTMENT



SECTION A-A

Dimensions at right angles to abutment, except as shown.

- * 1'-2" Typical between bms 1 thru 4 & 13 thru 16
- 1'-3" Between bms 8 & 9
- 1'-3 3/4" Typical between bms 4 thru 8 & 9 thru 13
- ** 8" Typical between bms 1 thru 4 & 13 thru 16
- 9" Between bms 8 & 9
- 9 3/4" Typical between bms 4 thru 8 & 9 thru 13

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet 17 of 36.
 Concrete in diaphragm is included with Concrete Superstructure on sheet 17 of 36.
 For details of bars $s(E)$ & $s_1(E)$ see sheet 17 of 36.
 The $s(E)$ and $s_1(E)$ bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

MIN. BAR LAP
 #6 bar = 2'-9"

DIAPHRAGM DETAILS
STRUCTURE NO. 058-0136

Coombe-Bloxdorf P.C. -CIVIL ENGINEERS- -STRUCTURAL ENGINEERS- -LAND SURVEYORS- Design Firm License No. 184-002703	PROJECT NO. 08052-6 SCALE DATE 12/22/09 DESIGN BY BD/MCB DRAWN BY TFG CHECKED BY MCB	SHEET NO. 18 36 SHEETS	F.A.P. RTE. 322 SECTION (58-64HB-1)B-1	COUNTY MACON	TOTAL SHEETS 149 SHEET NO. 77
	CONTRACT NO. 74387			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	