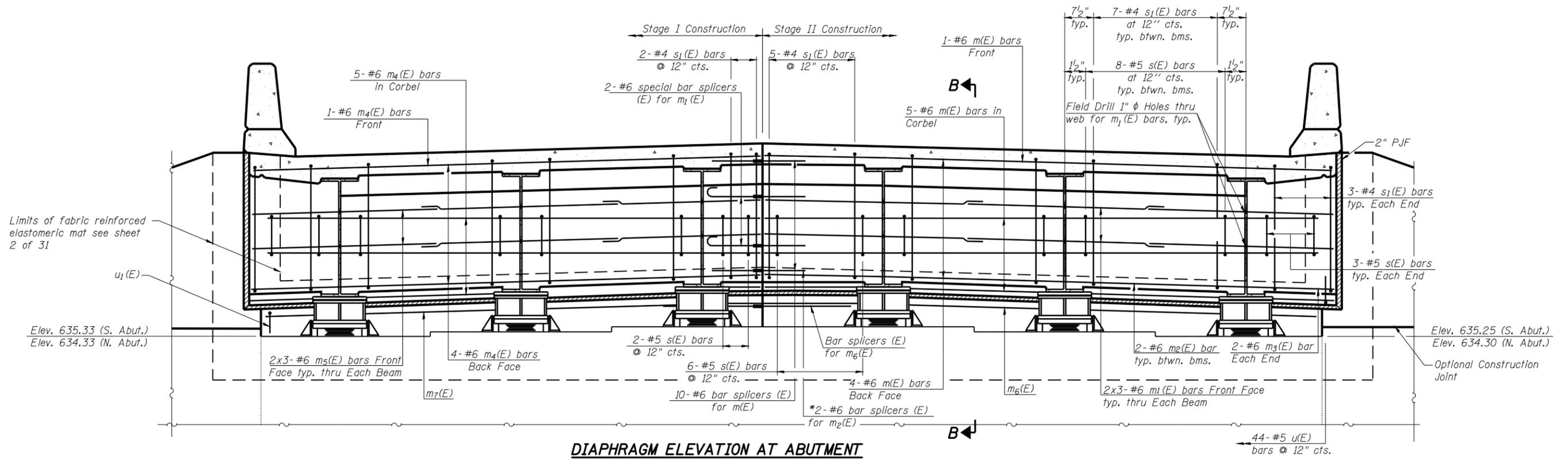


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DIAPHRAGM ELEVATION AT ABUTMENT

(Looking North at North Abutment)
(South Abutment Similar)

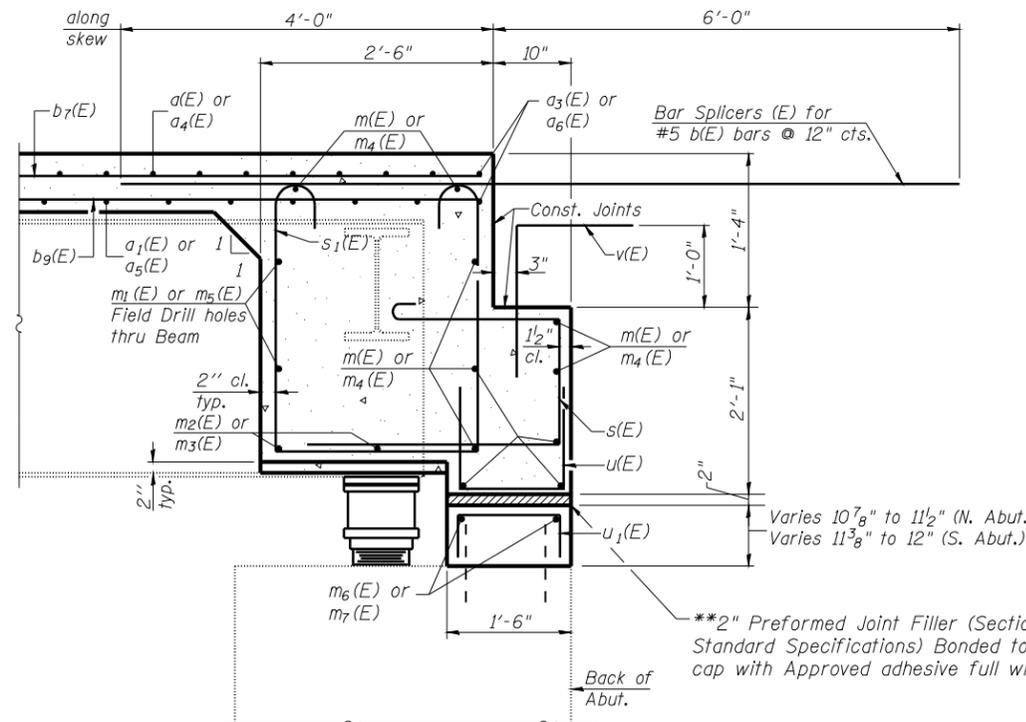
* Cut to fit @ Stageline

Notes:

- Reinforcement bars in diaphragm are billed with superstructure on sheet 16 of 31.
- Concrete in diaphragm is included with Concrete Superstructure on sheet 16 of 31.
- For details of bars s(E), s₁(E), v(E), u(E) & u₁(E) see sheet 16 of 31.
- For layout of m₆(E), m₇(E) & u₁(E) bars see sheet 29 of 31
- Concrete in back wall is included with Concrete Structures on sheet 16 of 31.
- The s(E) and s₁(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
- Cost of field drilling holes in webs for m₁(E) and m₅(E) bars is included in the cost of Reinforcement Bars (Epoxy coated).

MIN. BAR LAP

#6 bar = 3'-4" (Diaphragm)



SECTION B-B

Dimensions at right angles to abutment, except as shown.

**Cost included with Concrete Superstructure.

**SEMI-INTEGRAL
DIAPHRAGM DETAILS
STRUCTURE NO. 059-0041 (N.B.)**

SHEET NO. 17 31 SHEETS	F.A.I. RTE. 55	SECTION (59, 68)RS-3, BR	COUNTY Macoupin	TOTAL SHEETS 137	SHEET NO. 129
	CONTRACT NO. 72921				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT					