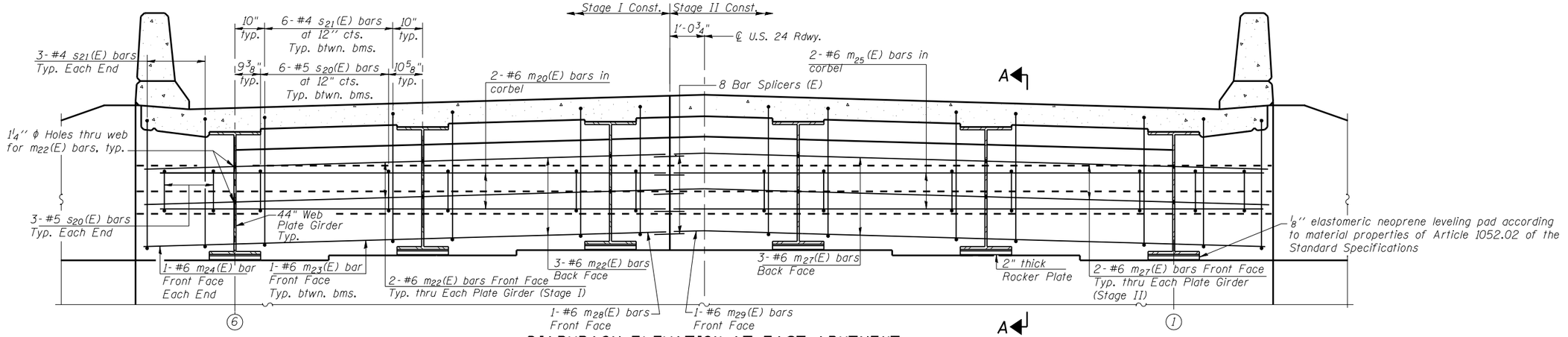
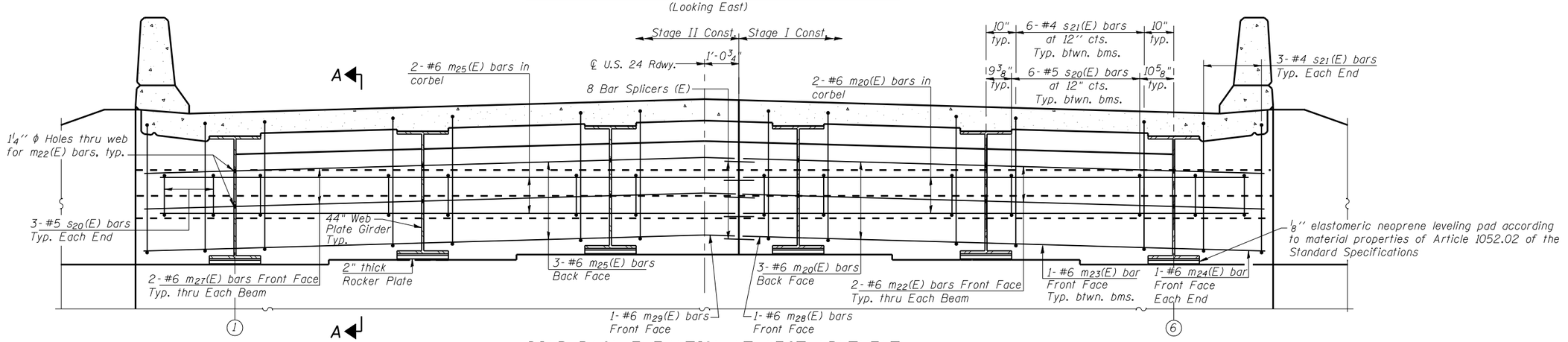


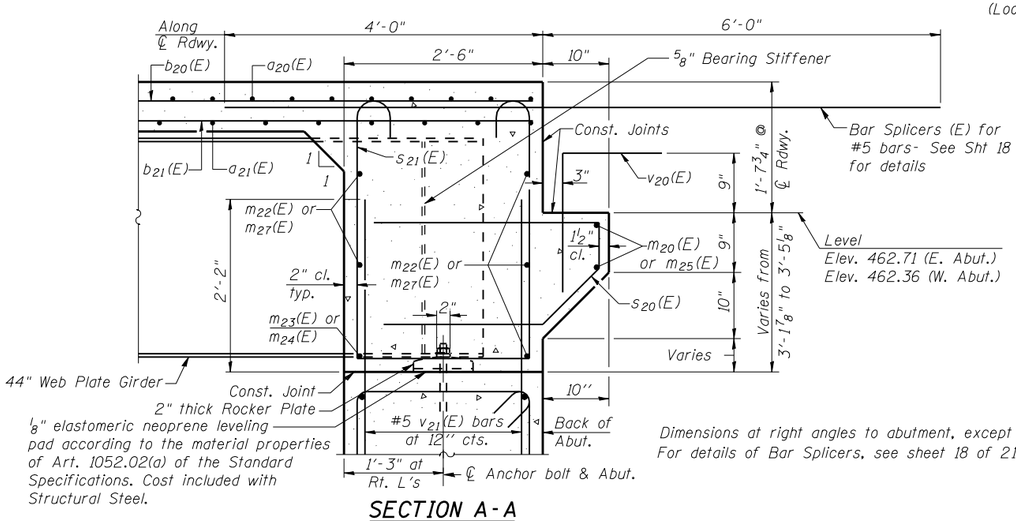
DIAPHRAGM ELEVATION AT EAST ABUTMENT

(Looking East)



DIAPHRAGM ELEVATION AT WEST ABUTMENT

(Looking West)



SECTION A-A

Dimensions at right angles to abutment, except as shown.
For details of Bar Splicers, see sheet 18 of 21.

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 9 of 21.

Concrete in diaphragm is included with Concrete Superstructure on sheet 9 of 21.

For details of bars $s_{20}(E)$ & $s_{21}(E)$ see sheet 9 of 21.

The $s_{20}(E)$ and $s_{21}(E)$ 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 = 3'-4"

SDI STRUCTURE DESIGNS, INCORPORATED
ARCHITECTS & ENGINEERS
PH: (312) 551-9780 ♦ www.structuredesignsinc.com

USER NAME =	DESIGNED - LRT	REVISED -
	CHECKED - OAO	REVISED -
PLOT SCALE =	DRAWN - TCS	REVISED -
PLOT DATE =	CHECKED - LRT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO. 029-0074
SHEET NO. 10 OF 21 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(137 BR, BR-1) BR	FULTON	118	73
		CONTRACT NO. 68699		
	ILLINOIS FED. AID PROJECT			