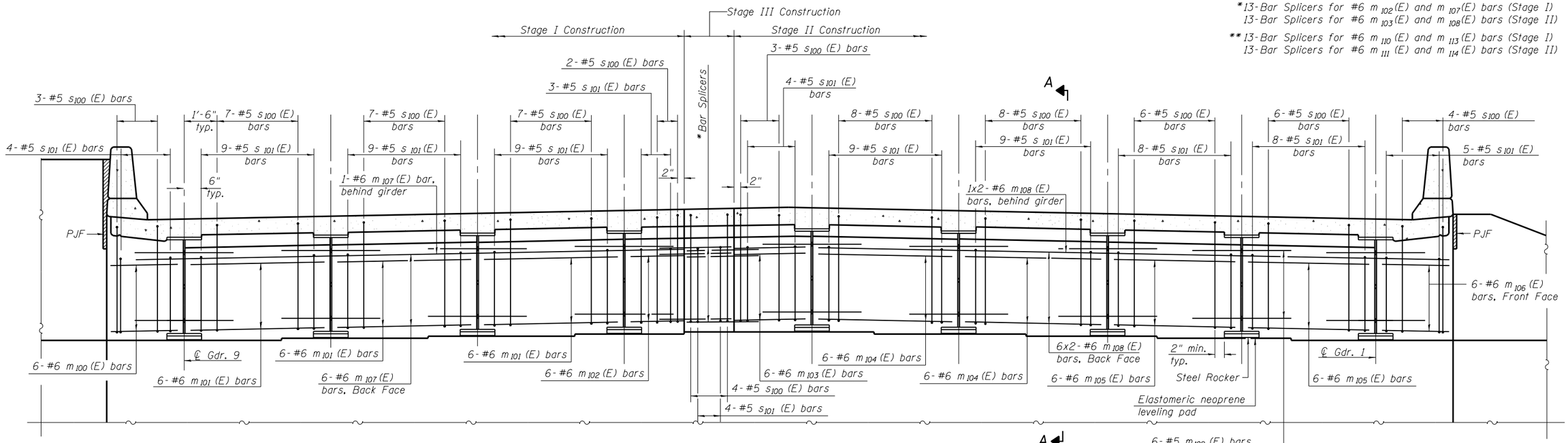
*13-Bar Splicers for #6 m_{102}(E) and m_{107}(E) bars (Stage I)
13-Bar Splicers for #6 m_{103}(E) and m_{108}(E) bars (Stage II)
**13-Bar Splicers for #6 m_{110}(E) and m_{113}(E) bars (Stage I)
13-Bar Splicers for #6 m_{111}(E) and m_{114}(E) bars (Stage II)



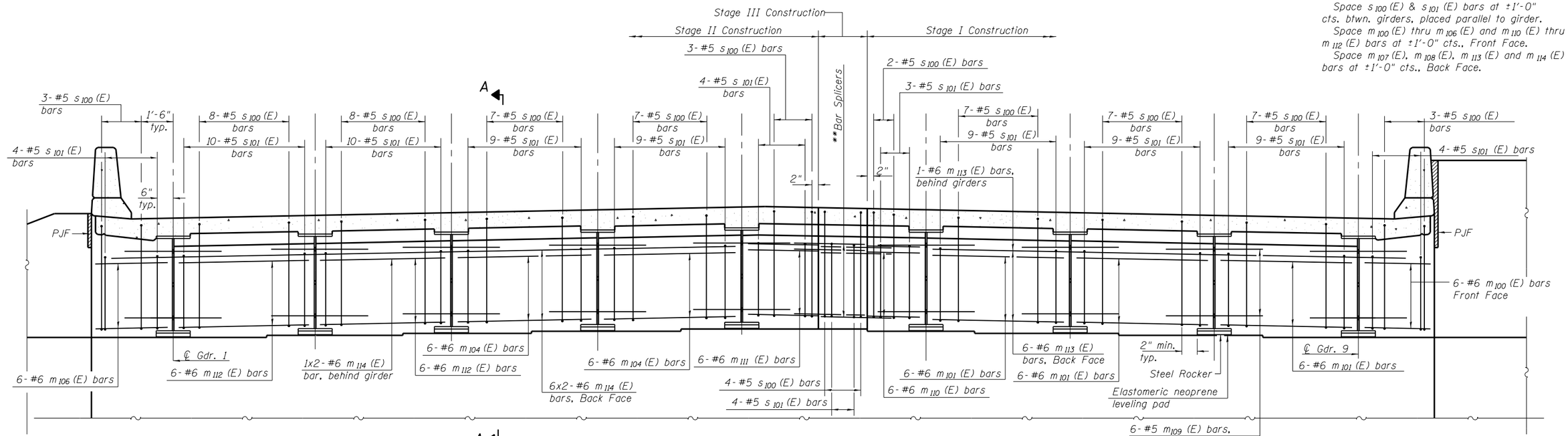
MINIMUM BAR LAP

#6 bar = 3'-4"

DIAPHRAGM ELEVATION AT WEST ABUTMENT

6-#5 m_{109} (E) bars, typ. thru Each Beam. (Secure bars such that they remain centered and level during pouring of the concrete)

Notes:
Dimensions taken perpendicular to Beams.
For Section A-A see sheet 33 of 79.
Bars indicated thus 1x2-#6 etc. indicates 1 line of bars with 2 lengths per line.
Space s_{100}(E) & s_{101}(E) bars at ±1'-0" cts. btwn. girders, placed parallel to girder.
Space m_{100}(E) thru m_{106}(E) and m_{110}(E) thru m_{112}(E) bars at ±1'-0" cts., Front Face.
Space m_{107}(E), m_{108}(E), m_{113}(E) and m_{114}(E) bars at ±1'-0" cts., Back Face.



DIAPHRAGM ELEVATION AT EAST ABUTMENT

6-#5 m_{109} (E) bars, typ. thru Each Beam. (Secure bars such that they remain centered and level during pouring of the concrete)

FILE NAME = 0250III-74295-032-Int Abut Diaph Details (WB).dgn	USER NAME = Design: bbovee	DESIGNED - BB	REVISED
BERNARDIN · LOCHMUELLER & ASSOCIATES, INC. 3 OAK DRIVE MARYVILLE, ILLINOIS 62062 PHONE (618) 288-4666 FAX (618) 288-4666	Illinois Design Firm Number 184.001670	CHECKED - ACS	REVISED
	PLOT SCALE =	DRAWN - WJS	REVISED
	PLOT DATE = 3:25:49 PM 8/14/2013	CHECKED - CJF	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTEGRAL ABUTMENT DIAPHRAGM DETAILS (WB)
STRUCTURE NO. 025-0111
SHEET NO. 32 OF 79 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4HVB-1)BY	EFFINGHAM	1760	567
		CONTRACT NO. 74295		
	ILLINOIS FED. AID PROJECT			