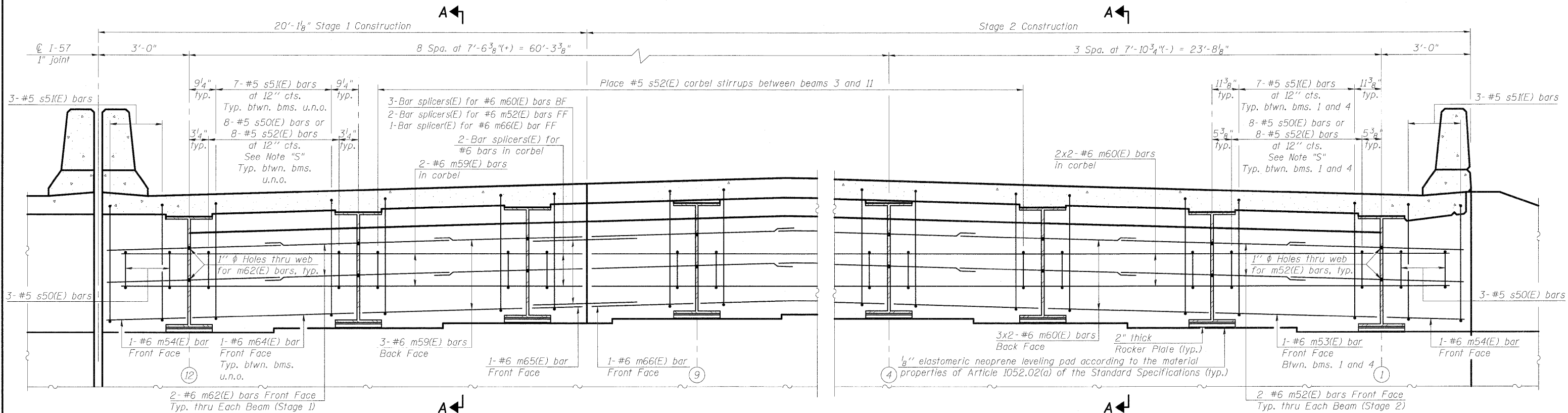


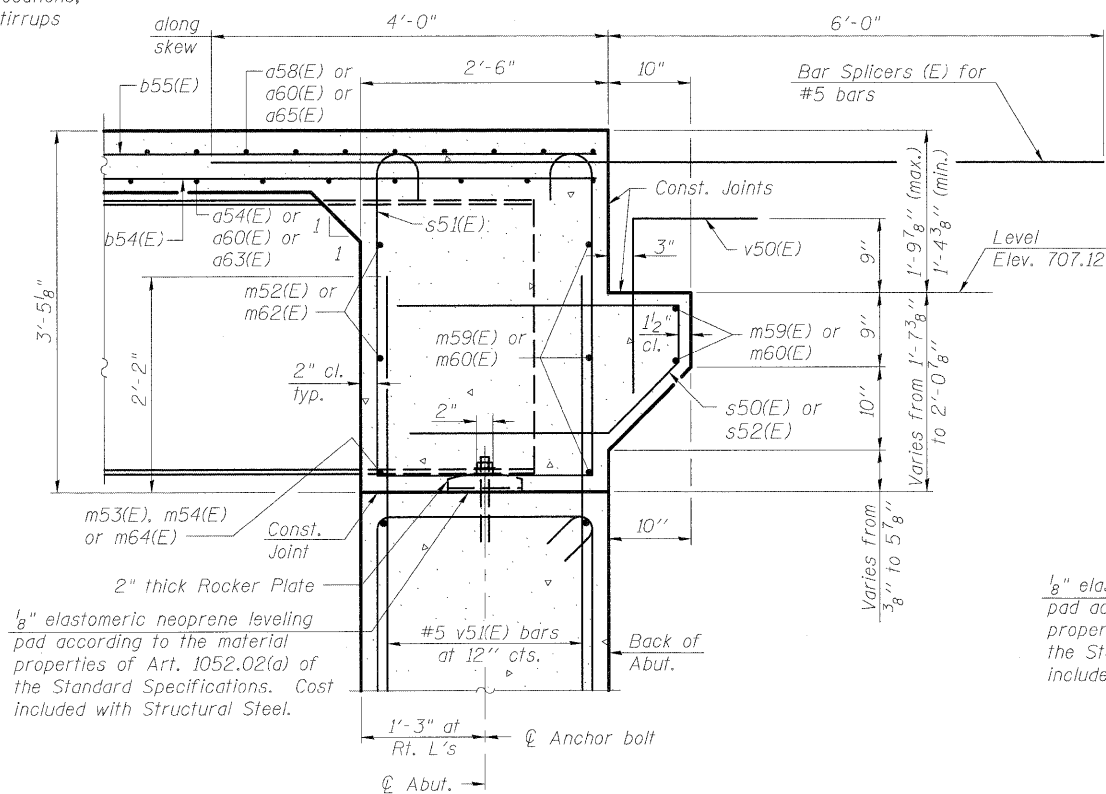
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DIAPHRAGM ELEVATION AT EAST ABUTMENT (SB)

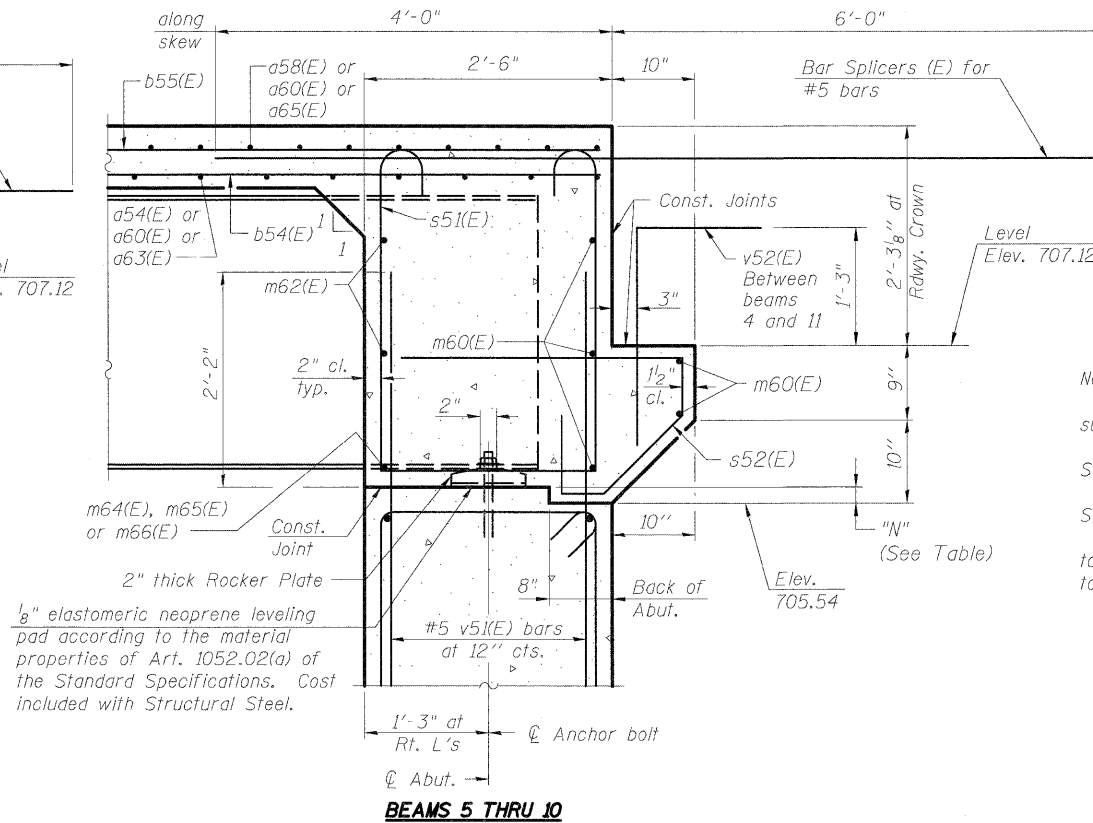
NOTE "S":

Utilize s50(E) corbel stirrups at all locations, unless placement of s52(E) corbel stirrups is indicated.



BEAMS 1 THRU 4, 11 AND 12

Looking East



BEAMS 5 THRU 10

MIN. BAR LAP

#6 bar = 3'-4"

Beam	Notch "N"
5	1 1/2"
6	3"
7	4 1/8"
8	4 1/8"
9	2 5/8"
10	7/8"

Notes:
Reinforcement bars in diaphragm are billed with superstructure on sheet SR-17 of SR-48.
Concrete in diaphragm is included with Concrete Superstructure on sheet SR-17 of SR-48.
For details of bars s50(E), s51(E) & s52(E) see sheet SR-17 of SR-48.
The s50(E), s51(E) & s52(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

DIAPHRAGM AT EAST ABUTMENT (SB)
STRUCTURE NO. 046-0146 (S.B.)
& STRUCTURE NO. 046-0147 (N.B.)

DESIGNED	AWW
CHECKED	PMH
DRAWN	AMV
CHECKED	AWW

SECTION A-A

Dimensions at right angles to abutment, except as shown.



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SHEET NO. SR-20 SHEETS SR-48	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(46-2) VBR	KANKAKEE	558	347
CONTRACT NO. 66409					
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					