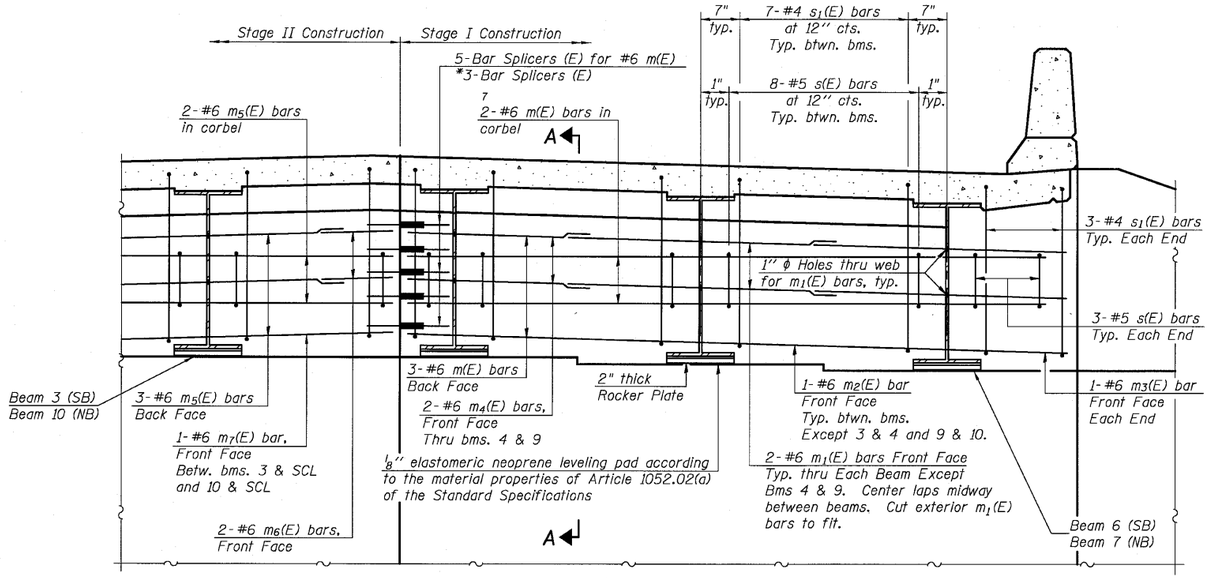


* Special Bar Splicers to be lapped with $m_4(E)$ & $m_7(E)$ bars. See sheet 34 of 42 for detail.

DIAPHRAGM ELEVATION AT ABUTMENT

(Looking North, SB)
(Looking South, NB)

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 17 of 42.

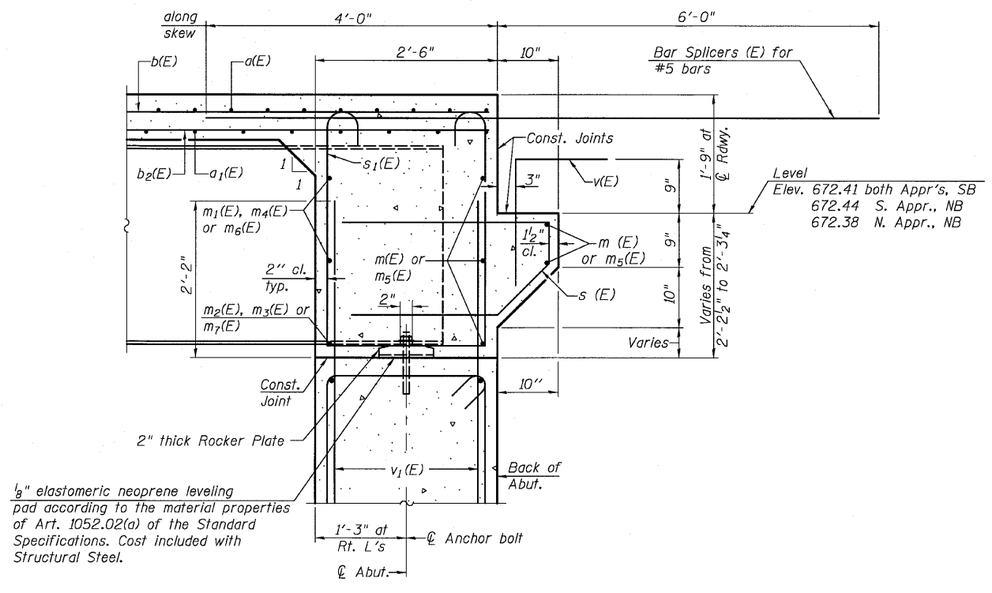
Concrete in diaphragm is included with Concrete Superstructure on sheet of 17 of 42.

For details of bars s(E) & $s_1(E)$ see sheet 17 of 42.

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 = 3'-4"



SECTION A-A

Dimensions at right angles to abutment, except as shown.

INTEGRAL ABUTMENT DIAPHRAGM DETAILS
STRUCTURE NO. 053-0187 (NB)
STRUCTURE NO. 053-0186 (SB)

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

PROJECT NO. 05004-10
SCALE
DATE 8/10/10
DESIGN BY GB/MCB
DRAWN BY MML
CHECKED BY MCB

SHEET NO. 18
42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(53-1) HBR & HBR-1	LIVINGSTON	102	37
		CONTRACT NO. 66856		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SI-DS1

11-1-09

FILE NAME = ...\053\053-0187_66856-18-diaphr-det.dgn
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USER NAME = CFC_