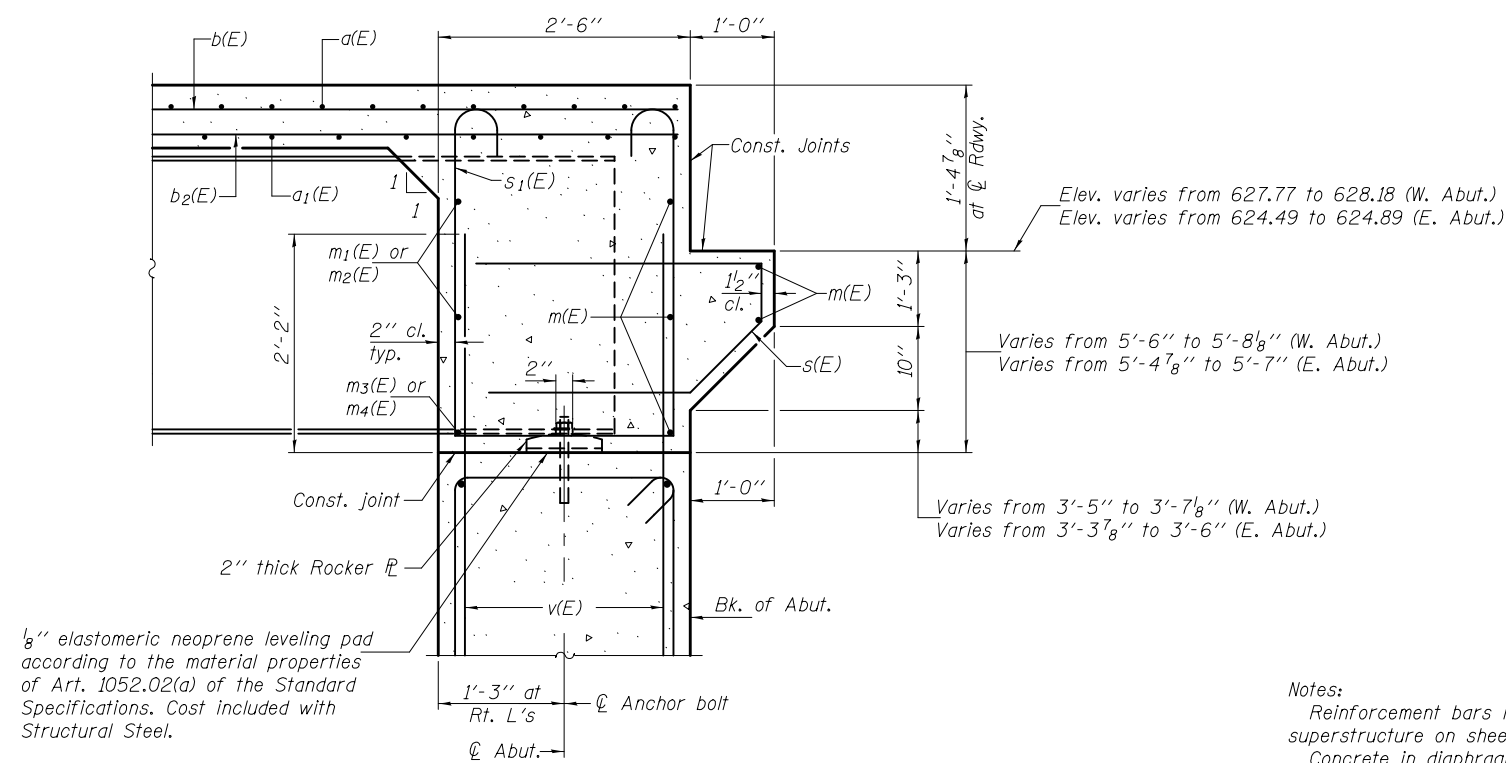
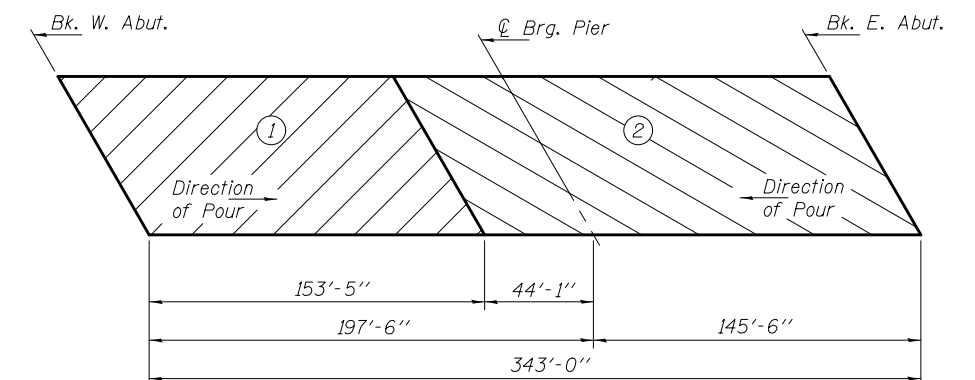


DIAPHRAGM ELEVATION AT EAST ABUTMENT
(Looking East - West abutment similar)



SECTION A-A

Dimensions at right angles to abutment, except as shown.



DECK POURING SEQUENCE

When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 31.
Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 31.
For details of bars s(E) & s1(E) see sheet 10 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.

MIN. BAR LAP

#6 bar = 3'-4"

DESIGNED - Justin T. Belue
CHECKED - David H. Richter
DRAWN - h.t. duong
CHECKED - JTB/DHR

EXAMINED - *Joanne F. [Signature]*
PASSED - *Carl [Signature]*
ACTING ENGINEER OF BRIDGE DESIGN
ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - OCTOBER 16, 2014
REVISED
REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTEGRAL ABUTMENT DIAPHRAGM DETAILS
STRUCTURE NO. 015-0076**

SHEET NO. 11 OF 31 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	(122BR)B-1	COLES	60	28
CONTRACT NO. 74350				
ILLINOIS FED. AID PROJECT				