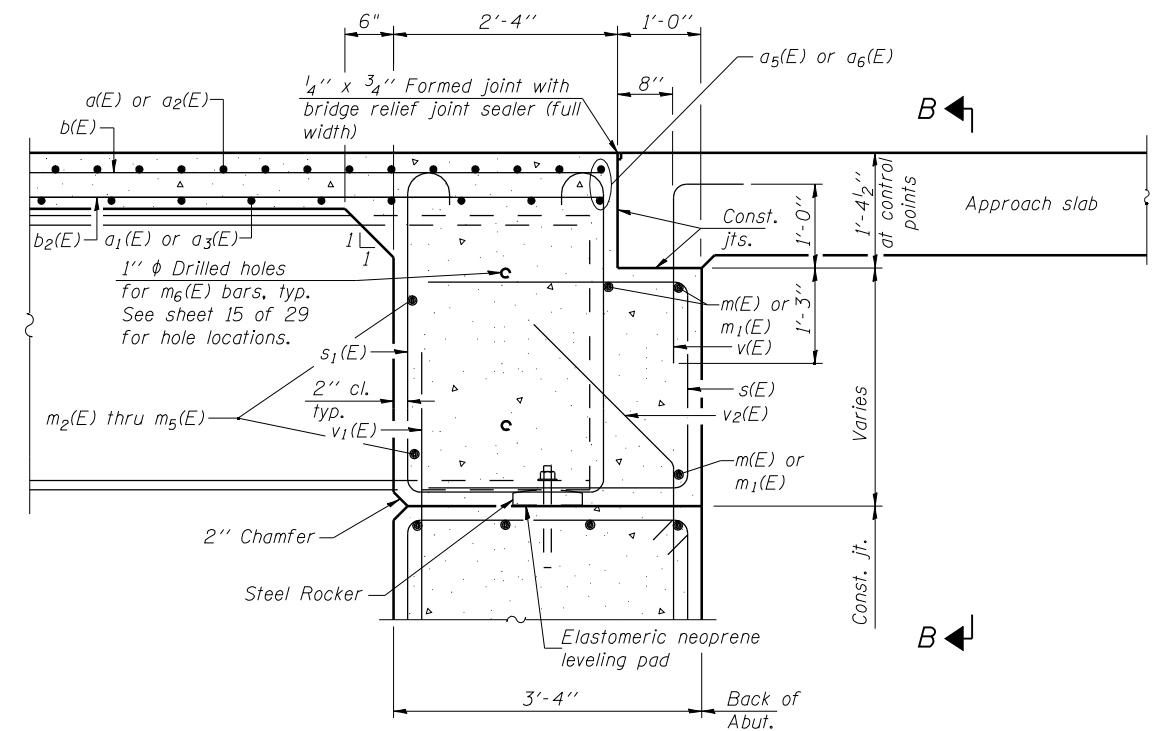
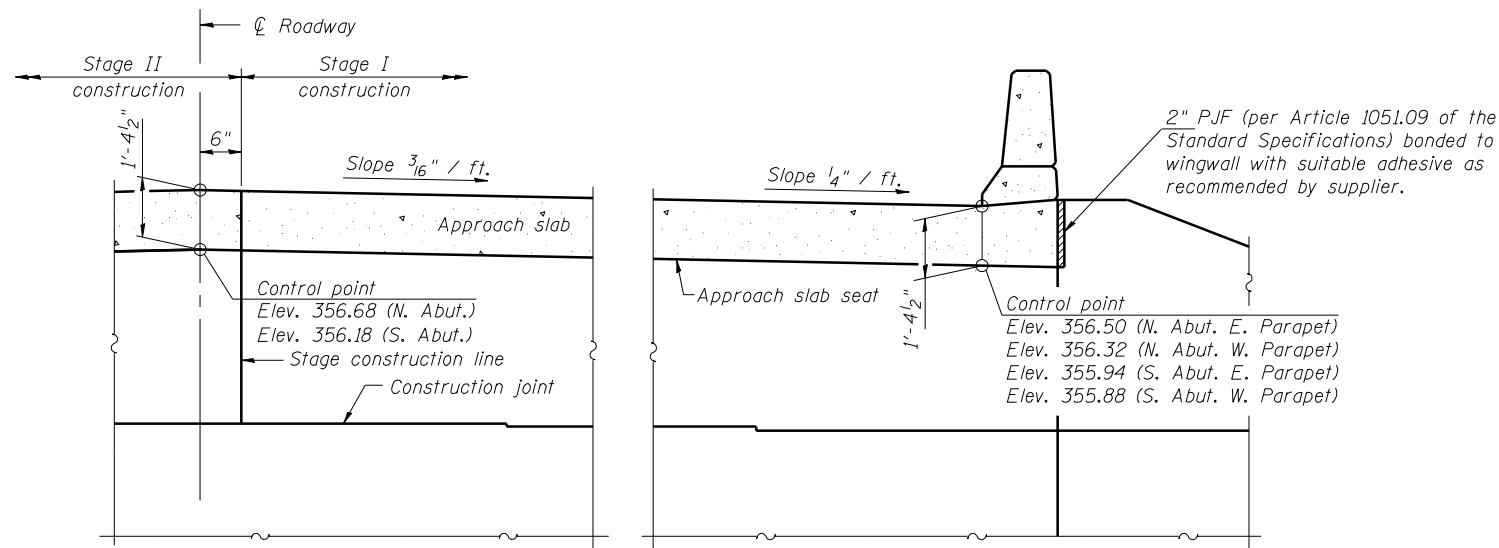


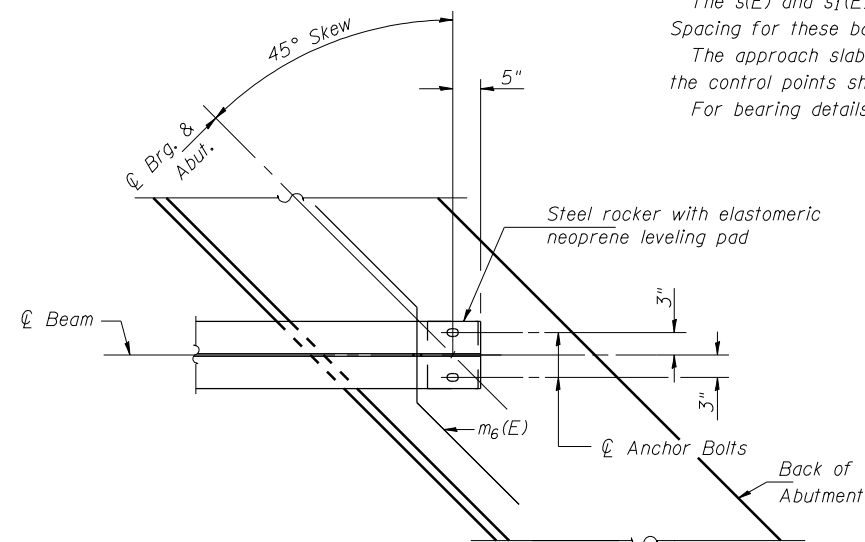
**DIAPHRAGM ELEVATION AT ABUTMENT**  
(Looking South)



**SECTION A-A**  
(at Rt. L's)



**SECTION B-B**  
(Looking South)



**PARTIAL PLAN AT ABUTMENT**  
(Showing bottom flange of beam)

Notes:  
 Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 29.  
 Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 29.  
 For details of bars s(E), s<sub>1</sub>(E) and v(E) see sheet 10 of 29.  
 The s(E) and s<sub>1</sub>(E) bars shall be placed parallel to the beams.  
 Spacing for these bars shall be at right angles to the beams.  
 The approach slab seat shall have a constant slope determined from the control points shown.  
 For bearing details see sheet 17 of 29.

PRINT DRIVER = L:\05-EB\B\A\1  
 ESCA PROJECT NO. 1035.03  
 PLOT SCALE = 0.25" = 1'-0"  
 PLOT DATE = 2/27/2014 12:52:34 PM



USER NAME = kah	DESIGNED - SHL 07/13	REVISED -
ESCA PROJECT NO. 1035.03	CHECKED - RDP 09/13	REVISED -
PLOT SCALE = 0.25" = 1'-0"	DRAWN - KAH 07/13	REVISED -
PLOT DATE = 2/27/2014 12:52:34 PM	CHECKED - SHL 08/13	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DIAPHRAGM DETAILS  
STRUCTURE NO. 035-0017**

SHEET NO. 12 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	115B-1	HARDIN	70	35
CONTRACT NO. 78263				
ILLINOIS FED. AID PROJECT				