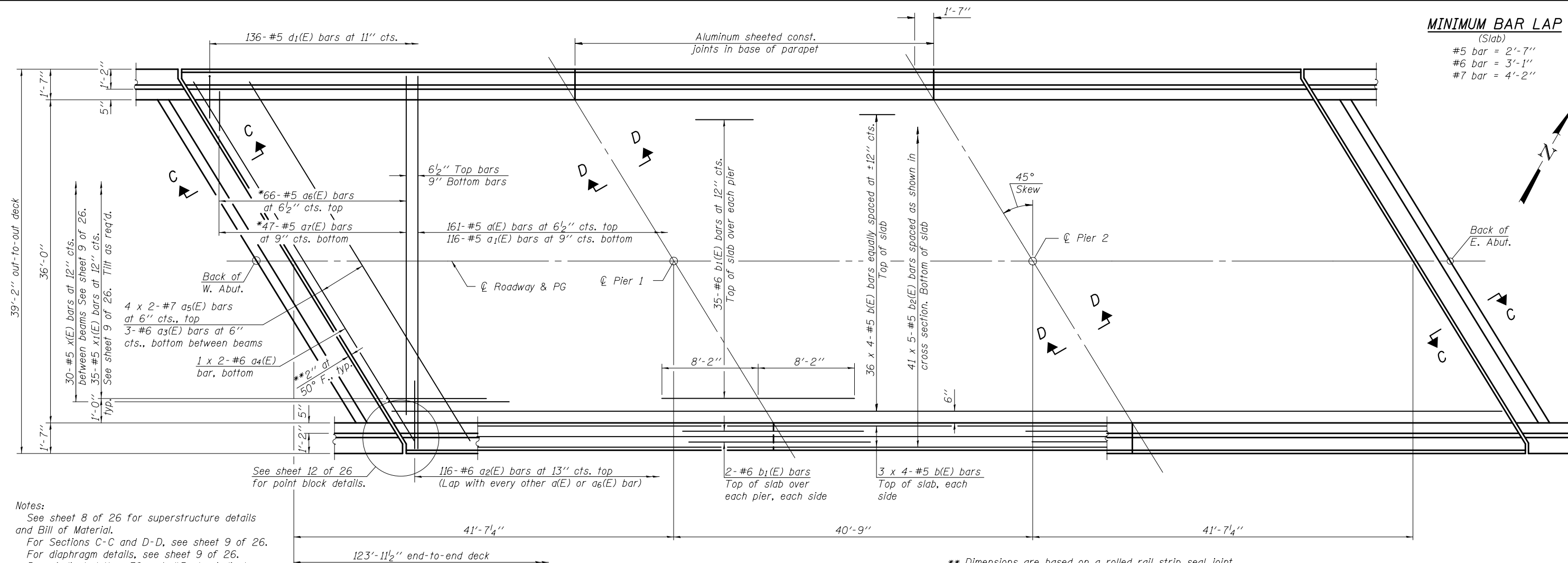


**MINIMUM BAR LAP**

(Slab)  
 #5 bar = 2'-7"  
 #6 bar = 3'-1"  
 #7 bar = 4'-2"

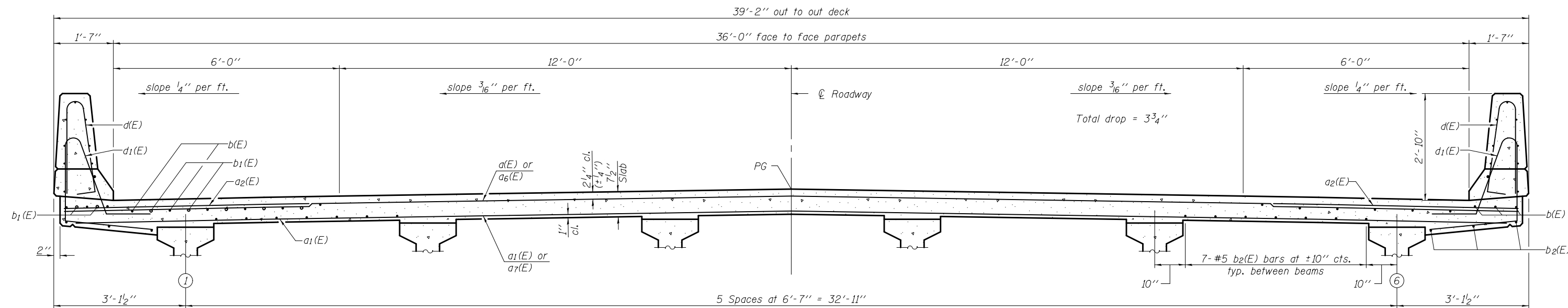


**Notes:**  
 See sheet 8 of 26 for superstructure details and Bill of Material.  
 For Sections C-C and D-D, see sheet 9 of 26.  
 For diaphragm details, see sheet 9 of 26.  
 Bars indicated thus 36 x 4-#5 etc. indicates 36 lines of bars with 4 lengths per line.  
 See sheet 8 of 26 for parapet reinforcement.

\*\* Dimensions are based on a rolled rail strip seal joint.  
 If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on sheet 12 of 26.

\*Order a<sub>6</sub>(E) & a<sub>7</sub>(E) bars full length.  
 Cut to fit skew and use remainder of bars in opposite end.

**PLAN**



NEAR PIER

NEAR MIDSPAN

**CROSS SECTION**  
 (Looking East)

DESIGNED - MARK D. SHAFFER  
 CHECKED - STEPHEN M. RYAN  
 DRAWN - MICHAEL B. MOSSMAN  
 CHECKED - F.T. / G.R.A.

EXAMINED  
 PASSED  
 ACTING ENGINEER OF BRIDGE DESIGN  
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - JANUARY 24, 2014  
 REVISED  
 REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE  
 STRUCTURE NO. 100 - 0081

SHEET NO. 7 OF 26 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9588	39B-2	WILLIAMSON	224	100
CONTRACT NO. 78277				

ILLINOIS FED. AID PROJECT