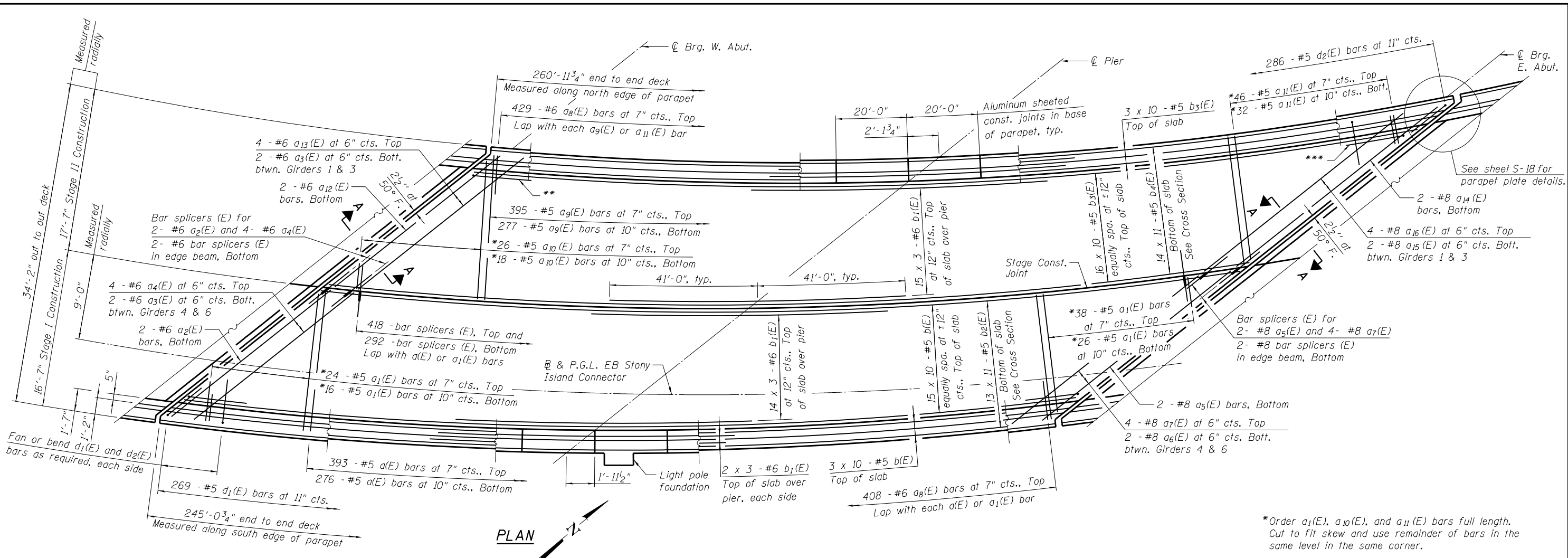


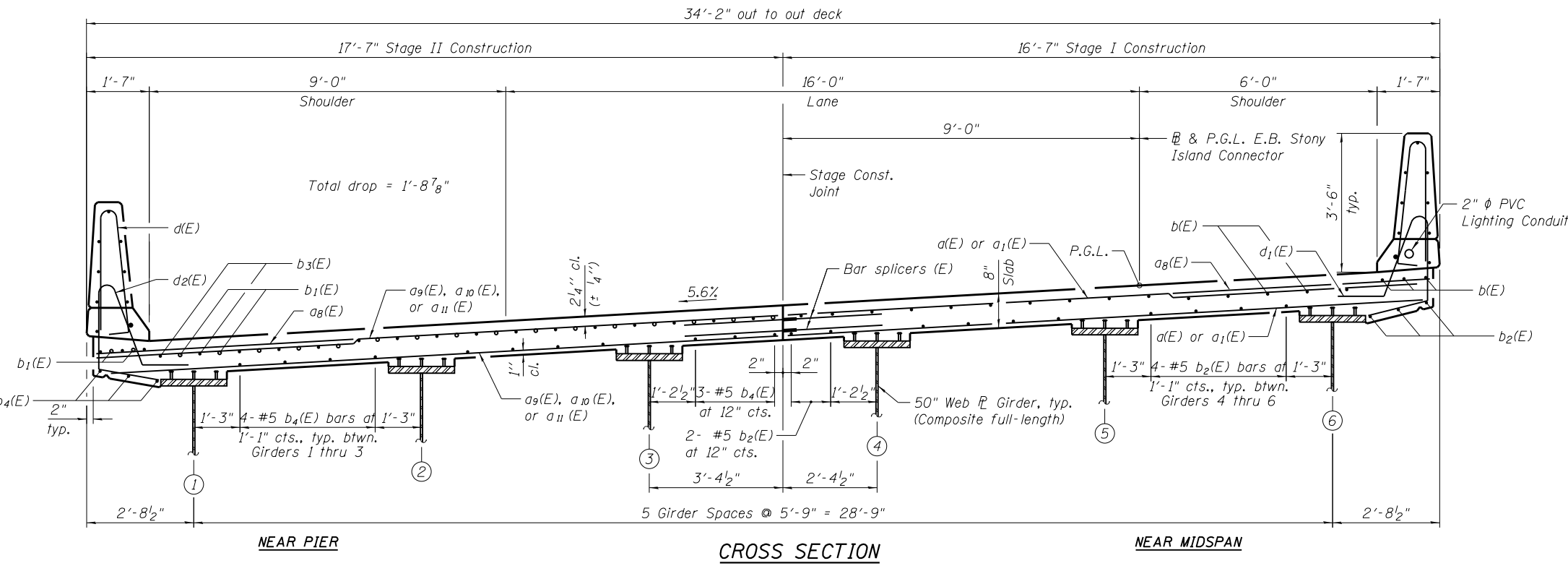
4/5/2013 PM

4/30/2013

S:\1072\_05\_CADD\Structure\0162471-0162471-01-SP01.dgn



PLAN



CROSS SECTION (Looking East)

- \*Order a<sub>1</sub>(E), a<sub>10</sub>(E), and a<sub>11</sub>(E) bars full length. Cut to fit skew and use remainder of bars in the same level in the same corner.
- \*\*21- #5 x(E) and 29- #5 x<sub>1</sub>(E) bars, spaced as shown in Edge Beam Elevations on Sheet S-12.
- \*\*\*21- #5 x<sub>2</sub>(E) and 29- #5 x<sub>3</sub>(E) bars, spaced as shown in Edge Beam Elevations on Sheet S-12.

Notes:  
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.  
 See Sheets S-12 and S-13 for superstructure details.  
 See Sheet S-13 for parapet reinforcement and Bill of Material.  
 Dimensions are based on a Rolled Rail Strip Seal Joint. If the Contractor elects to use the Welded Rail Strip Seal Joint, deck dimensions may require adjustments to satisfy the details on Sheet S-18.

**MIN. BAR LAP**  
 #5 - 3'-3"  
 #6 - 3'-10"

BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
 Chicago, Illinois  
 312.228.0100  
 www.bbainc.com

USER NAME =	DESIGNED - TL	REVISED -
PLOT SCALE =	CHECKED - BAK	REVISED -
PLOT DATE = 03/29/2013	DRAWN - TL	REVISED -
	CHECKED - BAK	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SUPERSTRUCTURE PLAN & CROSS SECTION**  
**STRUCTURE NO. 016-2471**

SHEET NO. S-11 OF S-63 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	504
CONTRACT NO. 60J12				

ILLINOIS FED. AID PROJECT