

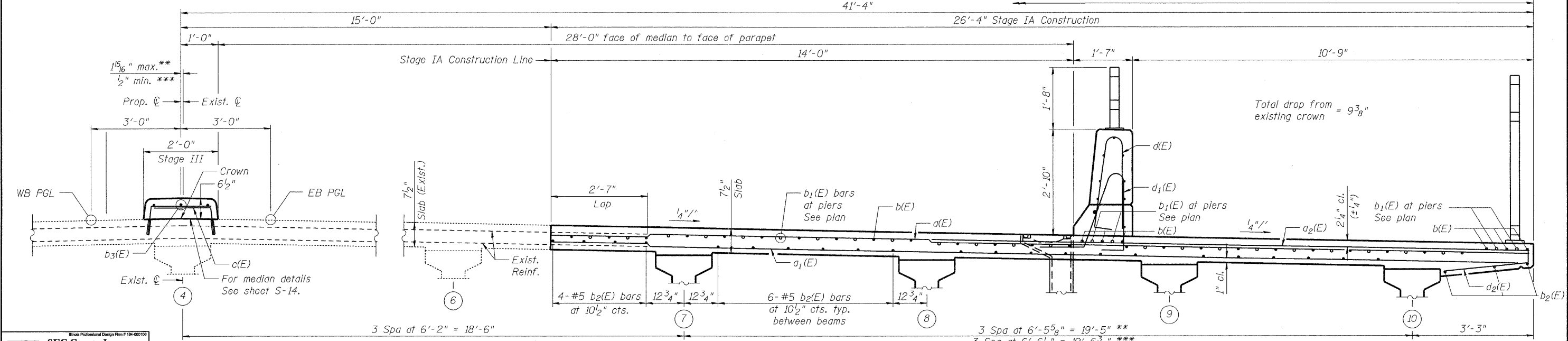
Notes:  
 See sheet S-14 and S-15 for superstructure details and Bill of Material.  
 For Section A-A, Section B-B, Section C-C, Section D-D and diaphragm details see sheets S-16 and S-17.  
 Bars indicated thus 25 x 5-#5 etc. indicates 25 lines of bars with 5 lengths per line.  
 See sheet S-14 for parapet reinforcement.  
 Epoxy Grout a9(E) bars in 9 inch min. drilled holes according to Section 584 of the Standard Specifications.  
 Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

\* Order a(E), a1(E), & a2(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.

**MIN. BAR LAP**

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

**HALF PLAN**



**CROSS SECTION**  
(Looking East)

\*\* Measured at Back of West Abutment perpendicular to Proposed C US 34.  
 \*\*\* Measured at Back of East Abutment perpendicular to Proposed C US 34.

COMPANY NAME: SEC GROUP, INC.  
 PROJECT CONTACT: Robert G. Davies  
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DATE PLOTTED: 10/14/2011 10:09:40 AM  
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USER NAME = whood	DESIGNED - MGH	REVISED -
PLOT SCALE =	CHECKED - SSM	REVISED -
PLOT DATE = 18/14/2011	DRAWN - WJH	REVISED -
	CHECKED - RGD	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STAGE IA DECK PLAN AND CROSS SECTION**  
**STRUCTURE NO. 047-0051**  
 SHEET NO. S-12 OF S-43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	14BR-1	KENDALL	429	262
CONTRACT NO. 66985			ILLINOIS FED. AID PROJECT	