

\* Order a(E) a<sub>1</sub>(E) and c<sub>1</sub>(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.

\* a bars placed parallel to abutments, but spacing is measured along centerline of Central Avenue

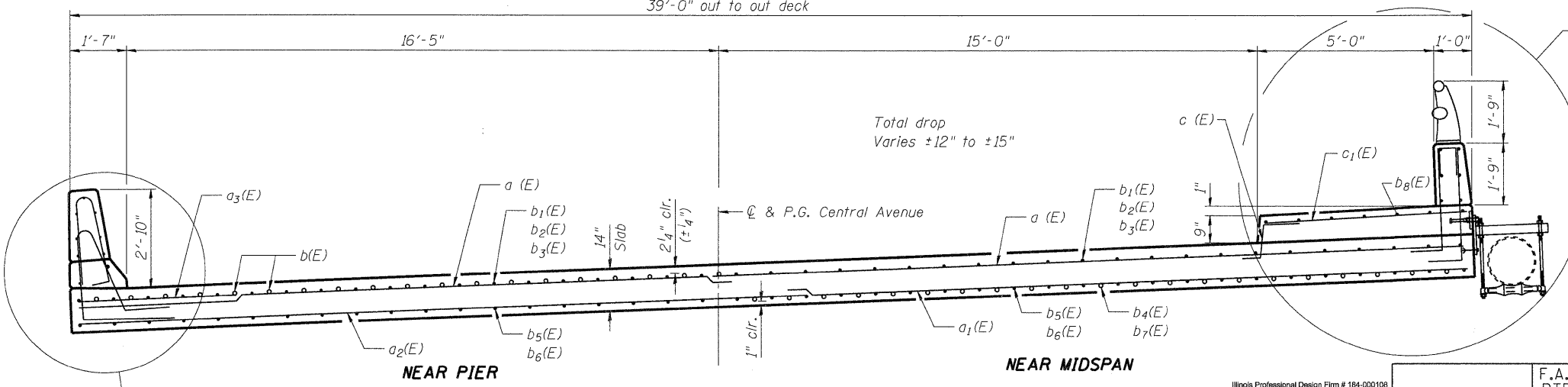
Notes:  
See Sheet S-5, S-6 and S-7 for additional superstructure and parapet details. See S-7 for Superstructure Bill of Materials.

Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

See S-9 for additional reinforcement and details at the piers and abutments.

**MIN. BAR LAP**

- #5 bar = 2'-2"
- #6 bar = 2'-7"
- #7 bar = 2'-8"
- #8 bar = 4'-10"



See sheets S-5 and S-6

**SUPERSTRUCTURE PLAN AND CROSS SECTION**  
CENTRAL AVENUE (FAU ROUTE 5102)  
OVER KENT CREEK  
SECTION NO. 09-00557-00-BR  
CITY OF ROCKFORD  
WINNEBAGO COUNTY  
STRUCTURE NO. 101-6124

DATE: 1/26/10

DESIGNED	KMA
CHECKED	RGD
DRAWN	WJH
CHECKED	RGD

FILE NAME: 090026-sup01.dgn  
PLOT DRIVER: pdf.plt  
PEN TABLE: standard-trans.tbl 1/26/2010

**CROSS SECTION**  
Dimensions Perpendicular to  $\bar{C}$  & P.G. Central Avenue

Illinois Professional Design Firm # 184-000108  
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SHEET NO. S-4	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5102	09-00557-00-BR	WINNEAGO	18	11
S-9 SHEETS	CONTRACT NO.			85508	
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	BHM 5099 (081)	