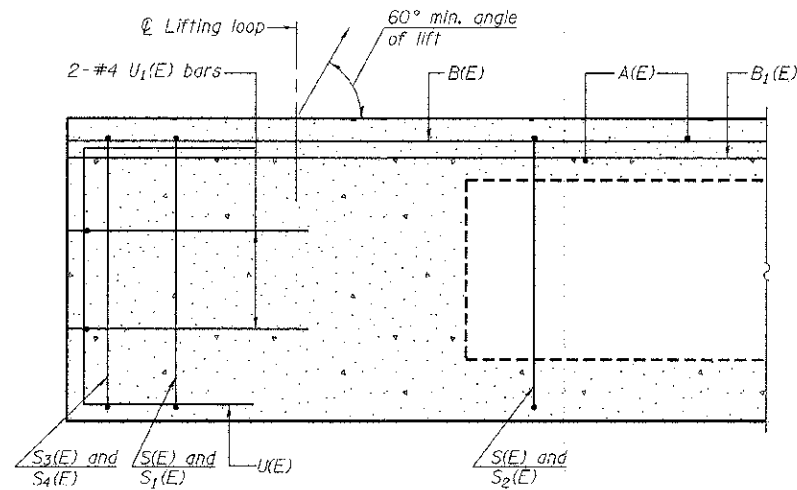
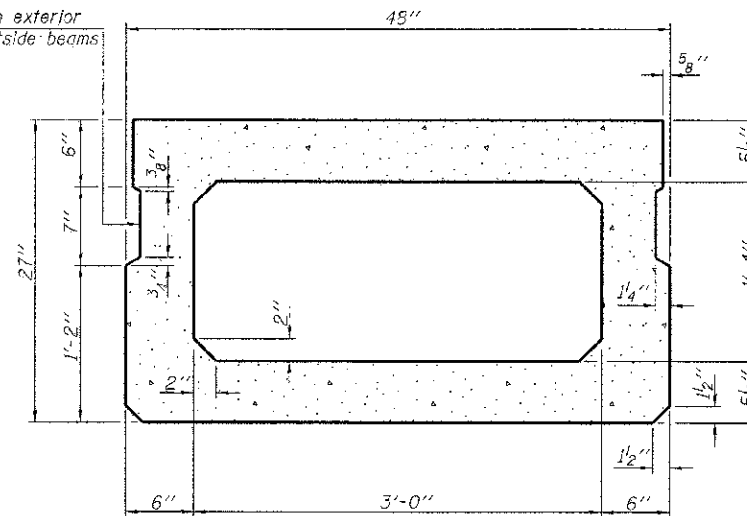
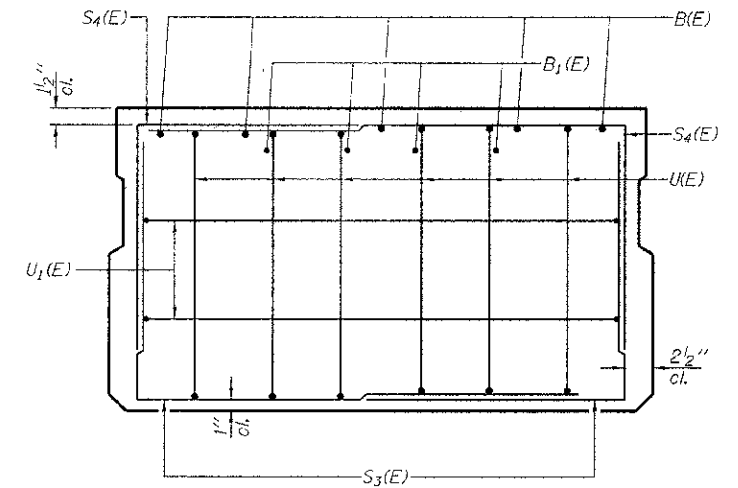




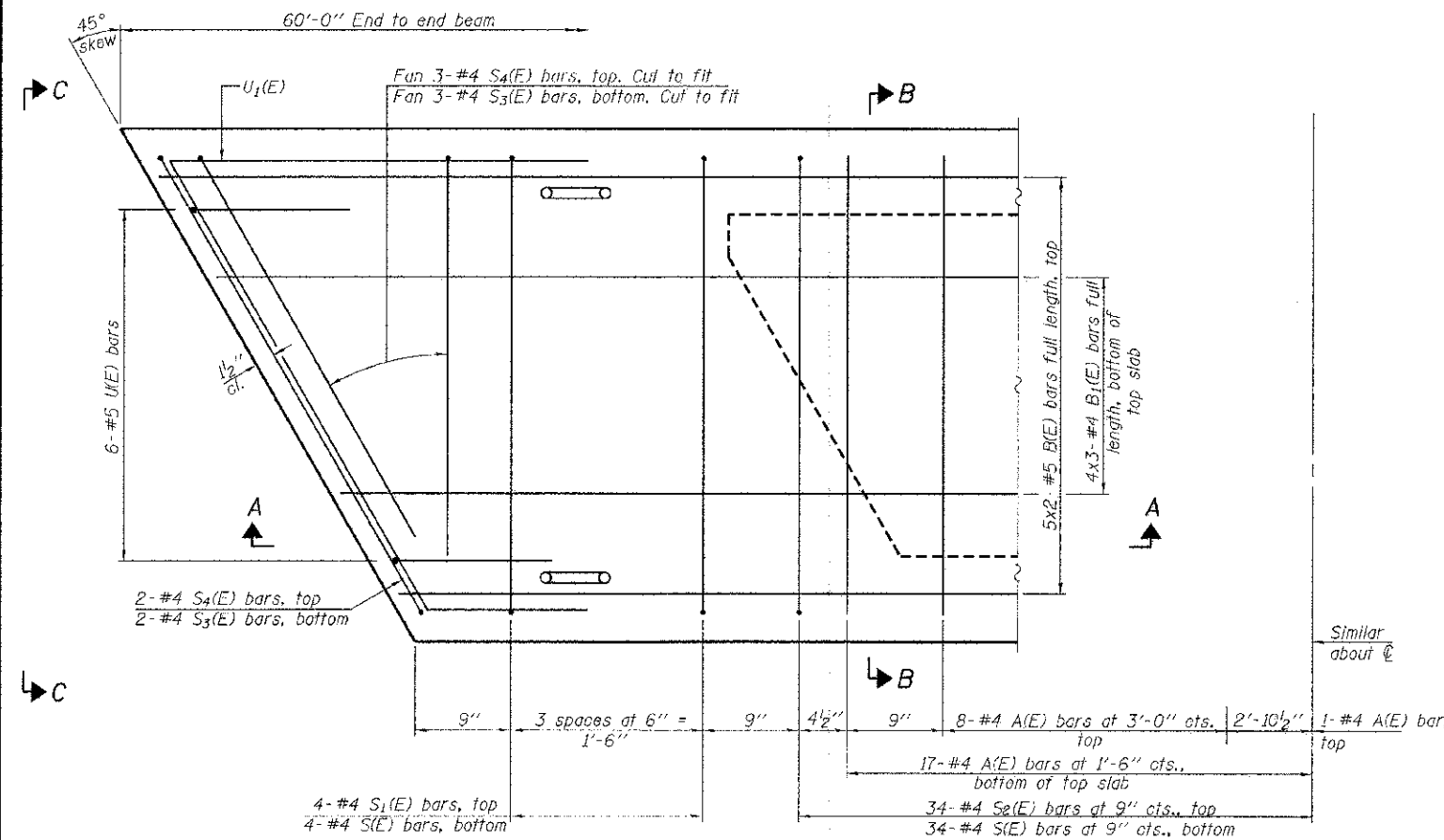
SECTION A-A



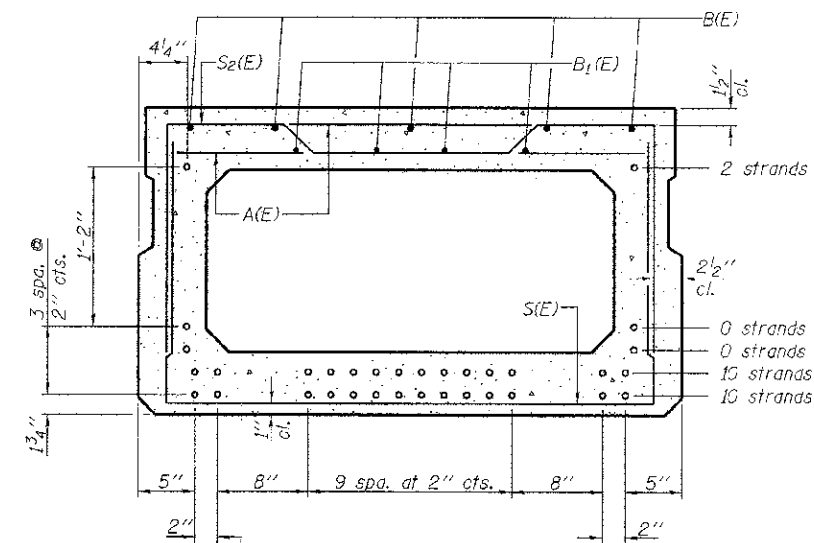
SECTION B-B
(Showing dimensions)



VIEW C-C



PLAN VIEW



SECTION B-B

(Showing reinforcement and permissible strand locations)
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	51	#4	3'-7"	—
B(E)	10	#5	31'-1"	—
B1(E)	12	#4	21'-3"	—
S1(E)	76	#4	7'-5"	U
S2(E)	8	#4	6'-11"	U
S3(E)	68	#4	7'-2"	U
S4(E)	10	#4	5'-5"	U
U(E)	10	#4	5'-2"	U
U1(E)	12	#5	4'-6"	U
U2(E)	4	#4	11'-0"	U

Note: See sheet 3 & 4 of 9 for additional details and Bill of Material.

Notes:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.
Bars indicated thus 5x2-#5 etc. indicates 5 lines of bars with 2 lengths per line.

MINIMUM BAR LAP
#4 bar = 2'-0"
#5 bar = 2'-6"

PD-2748-R

7-1-10

FILE NAME = 118294-shr-bridgedgn	USER NAME =	DESIGNED - D.W.T.	REVISED -	STATE OF ILLINOIS WAYNE COUNTY HIGHWAY DEPARTMENT	27" x 48" PPC DECK BEAM STRUCTURE NO. 096-3457	T.R. 493	SECTION 06-15142-00-BR	COUNTY WAYNE	TOTAL SHEETS 13	SHEET NO. 6
HAMPTON, LENZINI AND RENWICK, INC.	PLOT SCALE =	CHECKED - S.W.M.	REVISED -							
3041 EVERGREEN DRIVE, SUITE 301 SPRINGFIELD, ILLINOIS 62703	PLOT DATE = 11/6/2012	DRAWN - D.A.B.	REVISED -							
ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 114.000095		CHECKED - S.W.M.	REVISED -							

SHEET NO. 2 OF 9 SHEETS

ILLINOIS FED. AID PROJECT