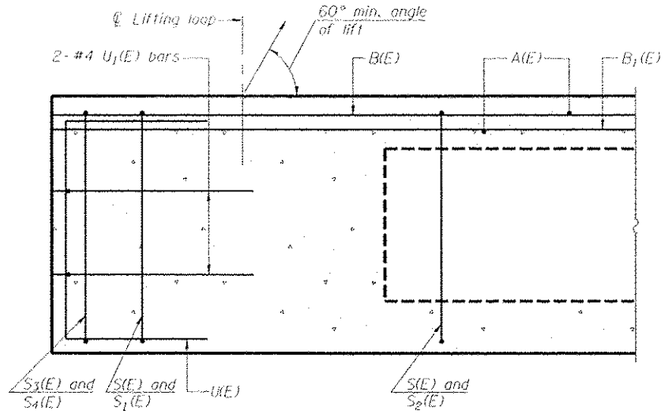
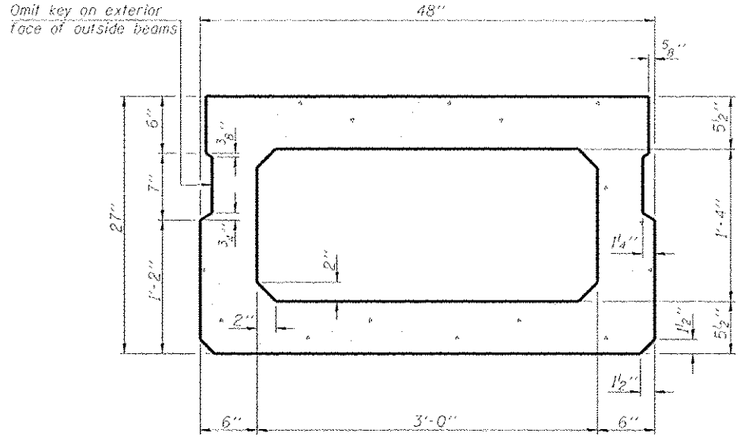
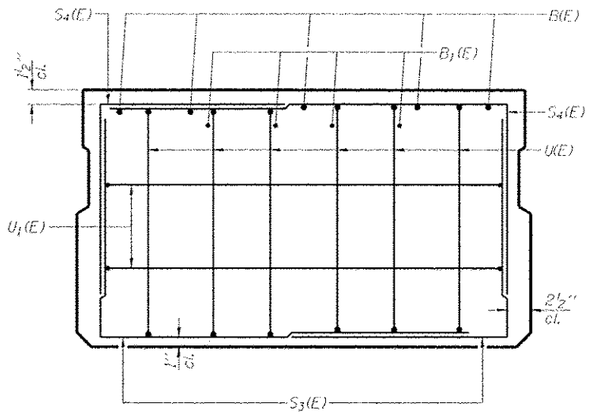


SECTION A-A

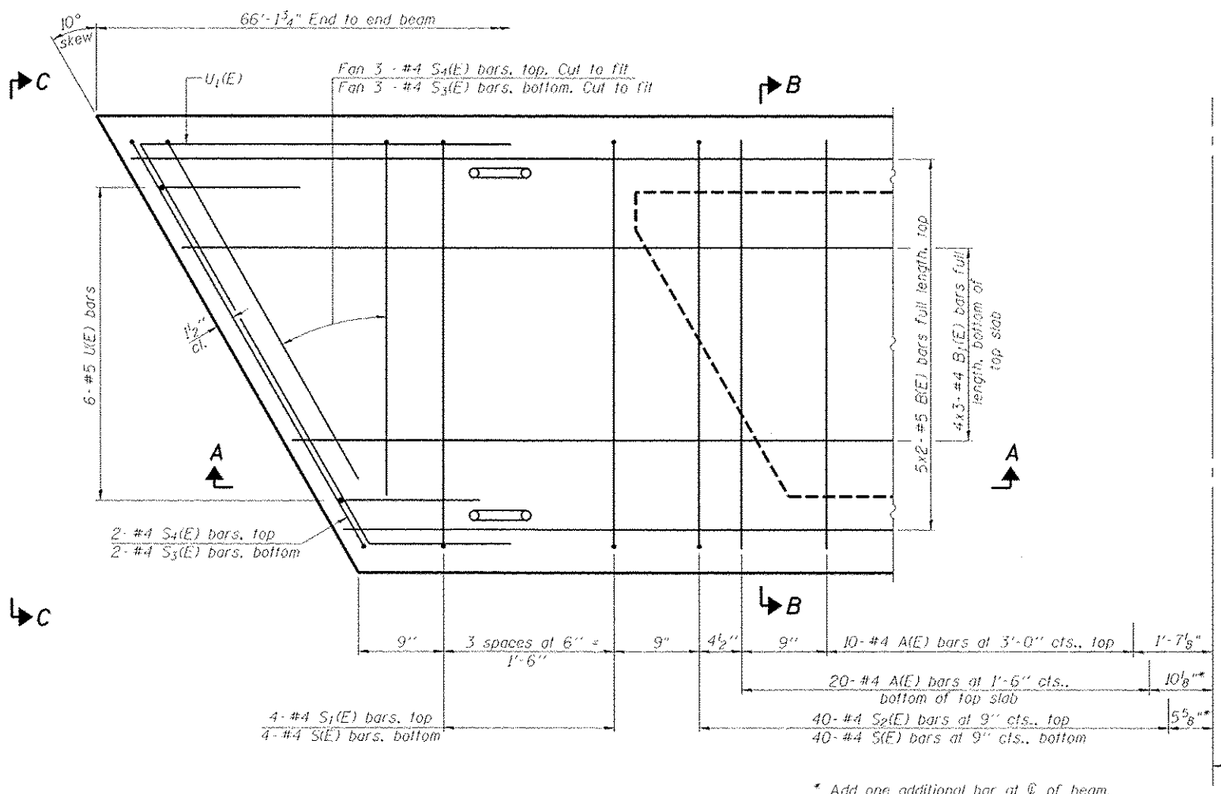


SECTION B-B

(Showing dimensions)



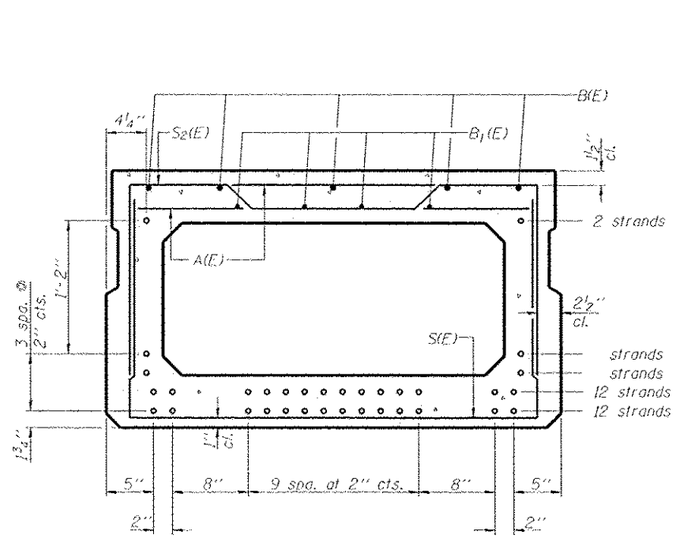
VIEW C-C



* Add one additional bar at ℄ of beam.

PLAN VIEW

Note: 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.



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)	62	#4	3'-7"	—
B(E)	10	#5	34'-3"	—
B1(E)	12	#4	23'-4"	—
S(E)	89	#4	7'-5"	—
S1(E)	8	#4	6'-11"	⌐
S2(E)	81	#4	7'-2"	⌐
S3(E)	10	#4	4'-11"	⌐
S4(E)	10	#4	4'-8"	⌐
U(E)	12	#5	4'-6"	⌐
U1(E)	4	#4	6'-8"	⌐

See sheet 5 of 9 for additional details and Bill of Material.

Bars indicated thus 5x3-#5 etc. indicates 5 lines of bars with 3 lenghts per line.

MINIMUM BAR LAP

#4 bar = 2'-0"

#5 bar = 2'-6"

27" x 48" PPC DECK BEAM

STRUCTURE NUMBER 029-3240

PROFESSIONAL DESIGN FIRM LICENSE #184-001084

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JOB NO.	10L0137
DATE	3/22/13
SHEET NO.	4
	9 SHEETS

CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26	11-00143-00-BR	Fulton	23	13
		CONTRACT NO.	89597	
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

DETAILED	SMK	1/30/13
DRAWN	MKA	3/22/13
REVIEWED	SMK	3/22/13

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