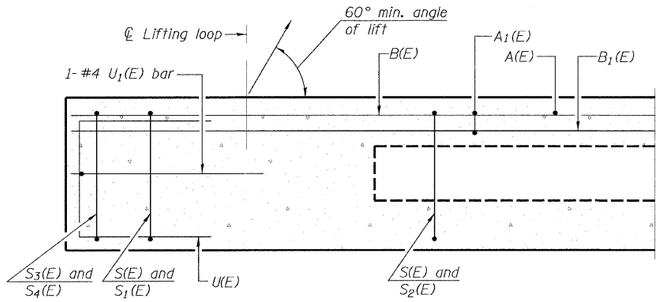
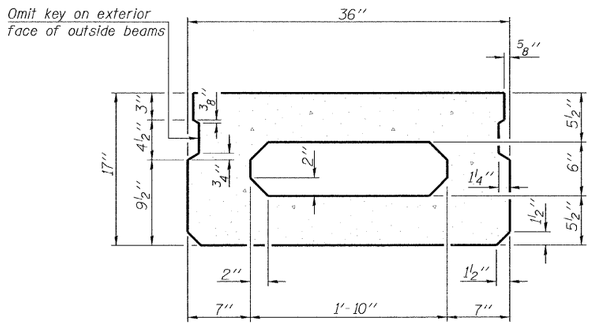
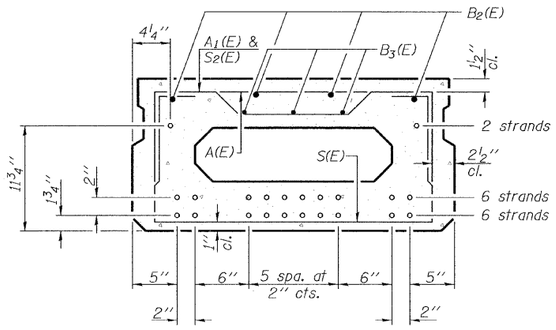


SECTION C-C



SECTION A-A
(Showing dimensions)

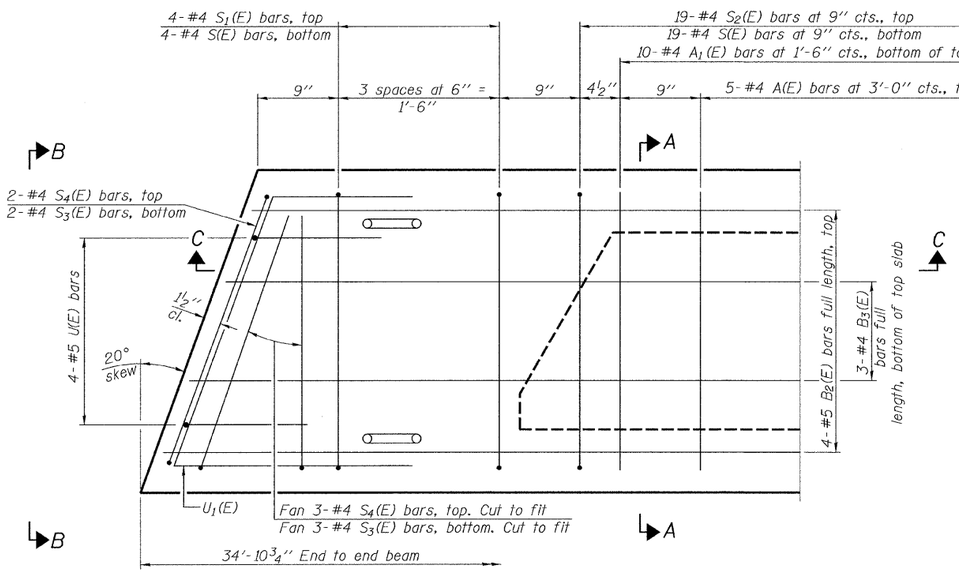


SECTION A-A
(Showing reinforcement and permissible strand locations)

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

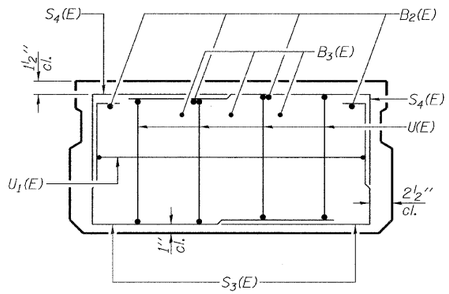
MINIMUM BAR LAP

#4 bar = 2'-0"
#5 bar = 2'-6"

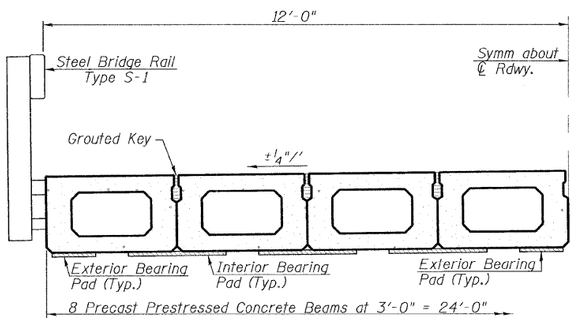


PLAN VIEW

Note: Spacing of S(E) and $S_2(E)$ 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.



VIEW B-B



HALF CROSS SECTION

BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	10	#4	2'-7"	—
$A_1(E)$	20	#4	2'-10"	~
$B_2(E)$	4	#5	34'-7"	—
$B_3(E)$	3	#4	34'-7"	—
S(E)	46	#4	5'-9"	⌴
$S_1(E)$	8	#4	4'-3"	⌐¬
$S_2(E)$	38	#4	4'-6"	⌐¬
$S_3(E)$	10	#4	4'-2"	⌐⌐
$S_4(E)$	10	#4	3'-5"	⌐⌐
U(E)	8	#5	3'-8"	⊏
$U_1(E)$	2	#4	6'-1"	⌐⌐

Note: See sheet 9 of 21 for additional details and Bill of Material.

17" X 36" PPC DECK BEAM
(SPAN 2)
S.N. 087-3571

Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217)544-8033 IL. Design Firm
No. 184-001907

SHEET NO. 5
10 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
140	09-05118-00-BR	SHELBY	21	8
STR. NO. 087-3571		CONTRACT NO. 95628		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		