



BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	50	#4	3'-7"	—
B(E)	5	#5	56'-10"	—
B1(E)	4	#4	56'-10"	—
S(E)	78	#4	7'-5"	┌
S1(E)	10	#4	6'-11"	┌
S2(E)	68	#4	7'-2"	┌
UK(E)	12	#5	4'-6"	┌
U1(E)	4	#4	6'-0"	┌

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.

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

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.

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

PD-2748-0

7-1-10

FILE NAME = 0496751-008-Deck Beam18.dgn
McDonough Associates Inc.
Engineers / Architects
180 North Barton Ave. Chicago, Illinois 60601

USER NAME = jehrhert
DESIGNED - JCE
CHECKED - GEK
DRAWN - JCE
CHECKED - GEK
PLOT SCALE = 1:0.0833333
PLOT DATE = 05/14/12

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

27" x 48" PPC DECK BEAM
STRUCTURE NO. 049-6751

SHEET NO. 8 OF 16 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00010-00-BR	LAKE	41	21
CONTRACT NO. 63716			ILLINOIS FED. AID PROJECT	