



**Bar d(E)**

Hatching indicates Concrete Removal.

**EXISTING PARTIAL PLAN**

For Section C-C and D-D, see sheet 29 of 35.

**BILL OF MATERIAL**

PIER #3

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a (E)	18		18	#5	18'-1"	—
a1(E)		18	18	#5	16'-1"	—
a2(E)	6	6	12	#6	4'-0"	—
d (E)	6	6	12	#4	5'-5"	L
d1(E)	6	6	12	#5	3'-11"	U
REINFORCEMENT BARS (EPOXY COATED)					POUND	810
CONCRETE REMOVAL					CU YD	5.1
CONCRETE SUPERSTRUCTURE					CU YD	5.1

Stage Removal Line

CL IL 15

C

90°

1'-6"

C

16'-0" Stage I Removal

16'-0" Stage II Removal

**PROPOSED PARTIAL PLAN**

5 - #5 a1(E) bars @ ±5" cts. (Top)  
4 - #5 a1(E) bars @ ±8" cts. (Bot.)

5 - #5 a(E) bars @ ±5" cts. (Top)  
4 - #5 a(E) bars @ ±8" cts. (Bot.)

5 - Bar Splicers for #5 bars (Top)  
4 - Bar Splicers for #5 bars (Bot.)

5 - #5 a(E) bars @ ±5" cts. (Top)  
4 - #5 a(E) bars @ ±8" cts. (Bot.)

3 - #4 d(E) bar @ ±12" cts.  
3 - #5 d1(E) bars @ ±11" cts.  
3 - #6 a2(E) bars @ ±10" cts.

3 - #4 d(E) bar @ ±12" cts.  
3 - #5 d1(E) bars @ ±11" cts.  
3 - #6 a2(E) bars @ ±10" cts.

5 - #5 a1(E) bars @ ±5" cts. (Top)  
4 - #5 a1(E) bars @ ±8" cts. (Bot.)

5 - #5 a(E) bars @ ±5" cts. (Top)  
4 - #5 a(E) bars @ ±8" cts. (Bot.)

5 - Bar Splicers for #5 bars (Top)  
4 - Bar Splicers for #5 bars (Bot.)

3 - #4 d(E) bar @ ±12" cts.  
3 - #5 d1(E) bars @ ±11" cts.  
3 - #6 a2(E) bars @ ±10" cts.

16'-7" Stage II Construction

16'-7" Stage I Construction

Stage Construction Line

CL IL 15

FILE NAME =	USER NAME = steffenmk	DESIGNED - KLB	REVISED -
ci:\pw\work\p\idot\stevfenmk\d0340638\074618-shr-brd\details-0960061.dgn		DRAWN - 06/25/2013	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - MEA	REVISED -
	PLOT DATE = 12/6/2013	DATE - 08/13/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT REPLACEMENT DETAILS - PIER #3  
SN. 096-0061

SCALE: N/A SHEET 28 OF 35 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823	07 BRIDGE REPAIRS 2014-3	WAYNE	60	49
CONTRACT NO. 74618			ILLINOIS FED. AID PROJECT	