



**Bar d(E)**

**Bar d2(E)**

Hatching indicates Concrete Removal.

Stage Removal Line

CL IL 15

For Section A-A and B-B, see sheet 29 of 35.

**BILL OF MATERIAL**

PER ABUTMENT

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a (E)	12		12	#5	18'-1"	—
a1(E)		12	12	#5	16'-1"	—
a2(E)	4	4	8	#6	4'-0"	—
d (E)	4	4	8	#4	5'-5"	L
d2(E)	4	4	8	#5	4'-2"	L
h (E)	4		4	#6	18'-3"	—
h1(E)		4	4	#6	16'-3"	—
REINFORCEMENT BARS (EPOXY COATED)					POUND	750
CONCRETE REMOVAL					CU YD	5.7
CONCRETE SUPERSTRUCTURE					CU YD	5.7

**EXISTING PARTIAL PLAN**

(East Abutment shown; West Abutment similar)

**PROPOSED PARTIAL PLAN**

(East Abutment shown; West Abutment similar)

- 4 - #6 a2(E) bars @ ±10" cts.
- 4 - #4 d(E) bars @ ±12" cts. (O.F.)
- 4 - #5 d2(E) bars @ ±11" cts. (I.F.)

- 7 - #5 a1(E) bars @ ±5" cts. (Top)
- 5 - #5 a1(E) bars @ ±8" cts. (Bottom)

2 - #6 h1(E) bars  
Top & Bottom

2 - Bar Splicers for #6 bars  
Top & Bottom

2 - #6 h(E) bars  
Top & Bottom

7 - Bar Splicers for #5 bars (Top)  
5 - Bar Splicers for #5 bars (Bot)

7 - #5 a(E) bars @ ±5" cts. (Top)  
5 - #5 a(E) bars @ ±8" cts. (Bottom)

- 4 - #6 a2(E) bars @ ±10" cts.
- 4 - #4 d(E) bars @ ±12" cts. (O.F.)
- 4 - #5 d2(E) bars @ ±11" cts. (I.F.)

FILE NAME =	USER NAME = steffemk	DESIGNED - KLB	REVISED -
ci:\pw\work\p\dot\stefemk\d0340638\074618-sh1-brdeta1s-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 - ABUTMENTS  
SN. 096-0061**

SCALE: N/A SHEET 27 OF 35 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823	07 BRIDGE REPAIRS 2014-3	WAYNE	60	48
CONTRACT NO.			74618	
ILLINOIS FED. AID PROJECT				