



**DECK REPAIR PLAN**  
(Spans 8 thru 10)

**DECK SLAB RESTORATION-ROADWAY SPANS 8-10**  
**DECK SLAB REPAIR (PARTIAL)**

Patch No.	L (FT.)	W (FT.)	Area (SQ. YD.)
1	4.00	3.00	1.33
2	3.50	2.50	0.97
3	8.50	2.50	2.36
4	17.00	3.50	6.61
5	1.50	2.00	0.33
6	3.00	3.00	1.00
7	9.00	3.00	3.00
8	3.00	2.00	0.67
9	13.50	4.00	6.00
Subtotal			22.27

**DECK SLAB RESTORATION-SIDEWALK SPANS 8-10**  
**DECK SLAB REPAIR (PARTIAL)**

Patch No.	L (FT.)	W (FT.)	Area (SQ. YD.)
41	8.50	1.00	0.94
42	24.00	4.00	10.67
43	13.50	4.00	6.00
44	4.50	2.00	1.00
45	5.50	1.00	0.61
46	20.50	2.50	5.69
47	2.50	1.50	0.42
48	2.50	4.00	1.11
49	5.00	1.00	0.56
50	4.50	1.00	0.50
51	13.50	2.00	3.00
52	1.00	1.00	0.11
53	7.50	2.00	1.67
Subtotal			32.28

**POLYMER OVERLAY PRETREATMENT**  
**SPANS 8-10**

Area No.	L (FT.)	W (FT.)	Area (SQ. YD.)
100	26.00	3.00	8.67
101	9.00	3.00	3.00
102	20.00	2.50	5.56
103	8.00	2.50	2.22
104	9.00	4.00	4.00
105	11.00	3.00	3.67
Subtotal			27.12

**LEGEND**

- Indicates Area to be Repaired (depth ≤ 5 Inch)
- Indicates Area to be Pretreated

**Notes:**

Date of Deck patching survey = May 27, 2010  
The Engineer shall record the actual areas of repair and location on this sheet in order to document as-built conditions for future reference.

See Expansion Joint Details for Section A-A.

See Floor Drain Details for Removal and Replacement.

**EXPANSION JOINT REPAIRS-SPANS 8-10**  
**DECK SLAB REPAIR (PARTIAL)**

PATCH NO.	LENGTH (FT.)	WIDTH (FT.)	EXPANSION JOINT REPAIRS (SQ. YD.)
10	0.83	32.92	3.04
11	0.83	32.92	3.04
12	0.83	32.92	3.04
13	0.83	32.92	3.04
SUBTOTAL			12.16

(Includes area from face to face of railing curb)

**DECK REPAIR DETAILS**  
**SPANS 8-10**  
**VACHEL LINDSAY BRIDGE REHABILITATION**  
**LONG BAY DRIVE OVER LAKE SPRINGFIELD**  
**SPRINGFIELD, ILLINOIS**

<b>CEC</b> Cummins Engineering Corporation Civil and Structural Engineering	JOB = 2207	DESIGNED A.A.M.
	FILE = 2207deck.dgn	CHECKED M.D.C.
	DATE = 2/9/2011	DRAWN T.S.H.
		CHECKED M.D.C.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8003	09-00469-00-BR	SANGAMON	36	10
CITY OF SPRINGFIELD		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93546