



STRUCTURE REPAIR PLAN AT FLOOR BEAMS
(Span 8)

STRUCTURAL REPAIR OF CONCRETE
SPAN 8

Patch No.	Vert. or Horiz.	Dimensions	Area (SQ. FT.)
1	H	5.00x2.00'	10.00
2	H	4.00x1.00'	4.00
3	V	2.00x1.00'	2.00
4	V	2.00x1.00'	2.00
5	H	3.00x2.00'	6.00
6	H	6.00x1.25'	7.50
7	V	6.00x1.25'	7.50
8	V	3.00x1.00'	3.00
9	V	3.00x1.00'	3.00
10	V	1.00x1.00'	1.00
11	H	2.50x3.50'	8.75
12	V	2.50x0.67'	1.68
13	H	2.50x0.83'	2.08
14	H	6.00x1.25'	7.50
15	V	6.00x1.00'	6.00
16	V	2.00x1.00'	2.00
17	V	1.50x1.50'	2.25
18	H	4.00x1.25'	5.00
19	V	3.00x0.75'	2.25
20	V	7.00x1.25'	8.75
21	H	17.00x1.25'	21.25
22	V	1.00x1.00'	1.00
23	V	1.00x1.00'	1.00
24	H	2.00x1.00'	2.00
25	V	7.00x1.00'	7.00
26	V	6.00x1.00'	6.00
27	H	2.50x1.00'	2.50
Subtotal of Vertical Repair Areas			56.43
Subtotal of Horizontal Repair Areas			76.58
Subtotal			133.01

LEGEND

- Indicates Area of Horizontal Structural Repair
- Indicates Area of Vertical Structural Repair

STRUCTURE REPAIR DETAILS
SPAN 8
VACHEL LINDSAY BRIDGE REHABILITATION
LONG BAY DRIVE OVER LAKE SPRINGFIELD
SPRINGFIELD, ILLINOIS

CEC Cummins Engineering Corporation Civil and Structural Engineering	JOB = 2207	DESIGNED	A.A.N.
	FILE = 2207structure.dgn	CHECKED	M.D.C.
	DATE = 2/10/2011	DRAWN	A.J.H.
		CHECKED	M.D.C.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8003	09-00469-00-BR	SANGAMON	36	18
CITY OF SPRINGFIELD		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	93546	