



STRUCTURE REPAIR PLAN AT FLOOR BEAMS
(Span 6)

STRUCTURAL REPAIR OF CONCRETE			
SPAN 6			
Patch No.	Vert. or Horiz.	Dimensions	Area (SQ. FT.)
1	H	3.00x1.33'	4.00
2	H	8.00x2.00'	16.00
3	V	3.00x1.00'	3.00
4	V	2.00x0.75'	1.50
5	H	7.00x1.00'	7.00
6	H	13.50x2.00'	27.00
7	H	1.00x1.00'	1.00
8	H	1.00x1.00'	1.00
9	H	1.00x1.00'	1.00
10	V	2.50x1.00'	2.50
11	H	2.50x0.67'	1.68
12	H	4.00x0.67'	2.68
13	V	1.00x1.00'	1.00
14	V	0.50x2.50'	1.25
15	H	1.00x1.00'	1.00
16	V	2.00x1.00'	2.00
17	V	1.00x1.00'	1.00
18	V	1.50x1.00'	1.50
19	V	1.50x0.50'	0.75
Subtotal of Vertical Repair Areas			14.50
Subtotal of Horizontal Repair Areas			62.36
Subtotal			76.86

LEGEND

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

STRUCTURE REPAIR DETAILS
SPAN 6
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	16
CITY OF SPRINGFIELD		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

93546