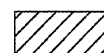



**STRUCTURE REPAIR PLAN AT FLOOR BEAMS**  
(Span 7)

**STRUCTURAL REPAIR OF CONCRETE**  
**SPAN 7**

Patch No.	Vert. or Horiz.	Dimensions	Area (SQ. FT.)
1	V	2.00x1.25'	2.50
2	H	3.00x2.00'	6.00
3	H	2.00x1.25'	2.50
4	V	1.00x2.75'	2.75
5	V	1.00x0.50'	0.50
6	V	1.00x2.00'	2.00
7	V	7.00x1.25'	8.75
8	H	7.00x1.00'	7.00
9	V	2.50x0.83'	2.08
10	H	2.50x0.33'	0.83
11	V	5.50x1.00'	5.50
12	H	4.00x1.25'	5.00
13	V	4.00x2.50'	10.00
14	V	1.00x1.00'	1.00
15	V	1.00x1.00'	1.00
16	V	3.00x1.00'	3.00
17	V	2.00x1.00'	2.00
Subtotal of Vertical Repair Areas			41.08
Subtotal of Horizontal Repair Areas			21.33
Subtotal			62.41

**LEGEND**

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

**STRUCTURE REPAIR DETAILS**  
**SPAN 7**  
**VACHEL LINDSAY BRIDGE REHABILITATION**  
**LONG BAY DRIVE OVER LAKE SPRINGFIELD**  
**SPRINGFIELD, ILLINOIS**

<b>CEC</b> Cummins Engineering Corporation <small>Civil and Structural Engineering</small>	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	17
CITY OF SPRINGFIELD		CONTRACT NO.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**93546**