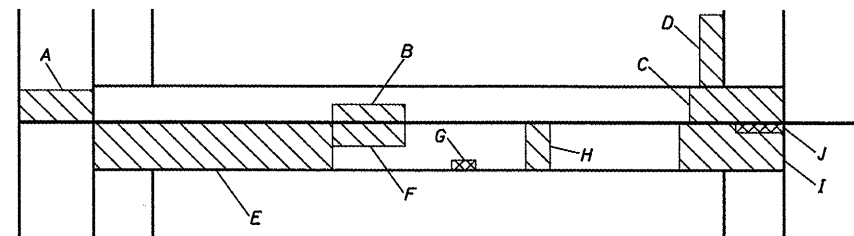


STRUCTURE REPAIR PLAN AT FLOOR BEAMS
(Span 13)



PLAN AT EXPANSION JOINT

STRUCTURAL REPAIR OF CONCRETE
SPAN 13

Patch No.	Vert. or Horiz.	Dimensions	Area (SQ. FT.)
1	H	1.00'x1.00'	1.00
2	H	1.00'x1.00'	1.00
3	H	1.00'x1.00'	1.00
4	H	1.00'x1.00'	1.00
5	H	1.00'x1.00'	1.00
6	H	1.00'x1.00'	1.00
7	V	3.00'x1.00'	3.00
8	H	1.00'x1.00'	1.00
9	V	7.00'x1.00'	7.00
Subtotal of Vertical Repair Areas			10.00
Subtotal of Horizontal Repair Areas			7.00
Subtotal			17.00

STRUCTURAL REPAIR OF CONCRETE
SPAN 13

Patch No.	Vert. or Horiz.	Dimensions	Area (SQ. FT.)
A	H	1.00'x1.33'	1.33
B	H	3.00'x0.75'	2.25
C	H	4.00'x1.33'	5.32
D	H	3.00'x1.00'	3.00
E	H	10.00'x2.00'	20.00
F	H	3.00'x1.00'	3.00
G	V	1.00'x1.00'	1.00
H	H	1.00'x2.00'	2.00
I	H	0.50'x2.00'	1.00
J	V	2.00'x0.75'	1.50
Subtotal of Vertical Repair Areas			2.50
Subtotal of Horizontal Repair Areas			37.90
Subtotal			40.40

LEGEND

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

STRUCTURE REPAIR DETAILS
SPAN 13
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.M.
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	23
CITY OF SPRINGFIELD		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	93546	