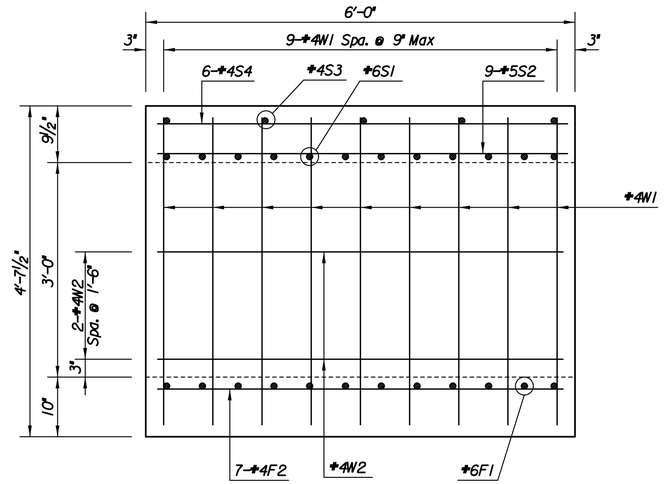
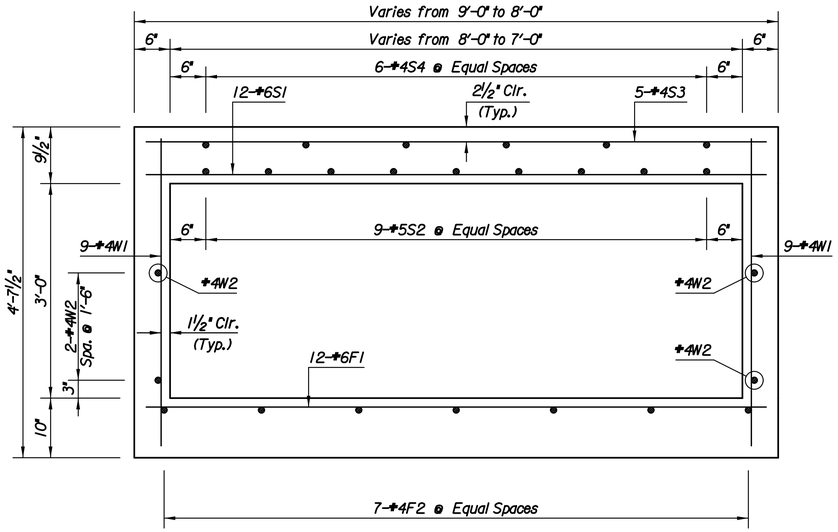
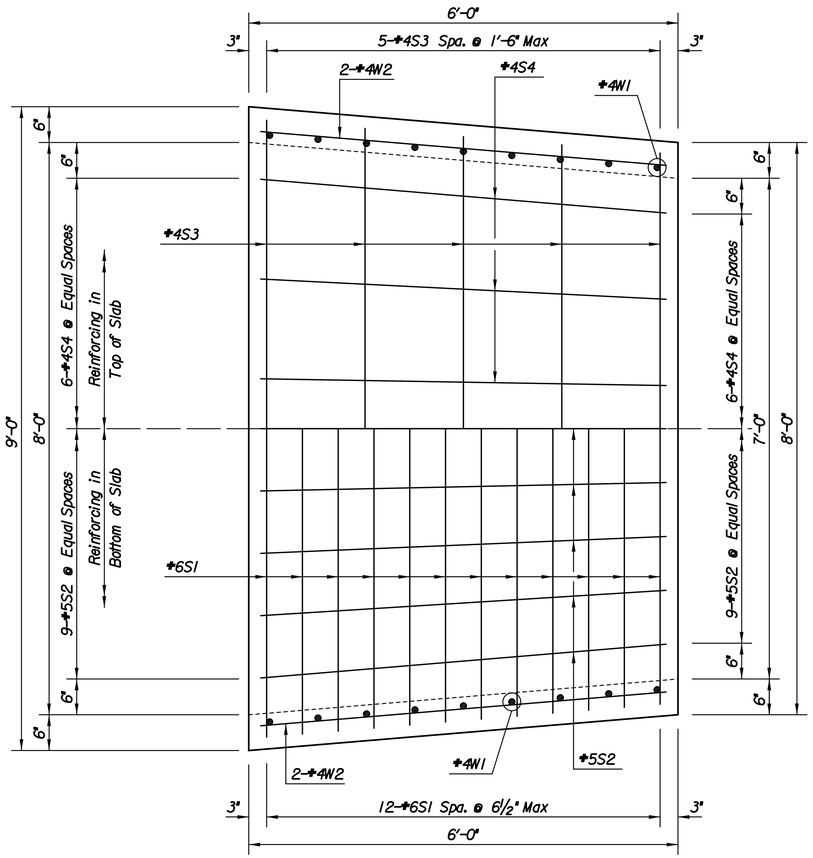


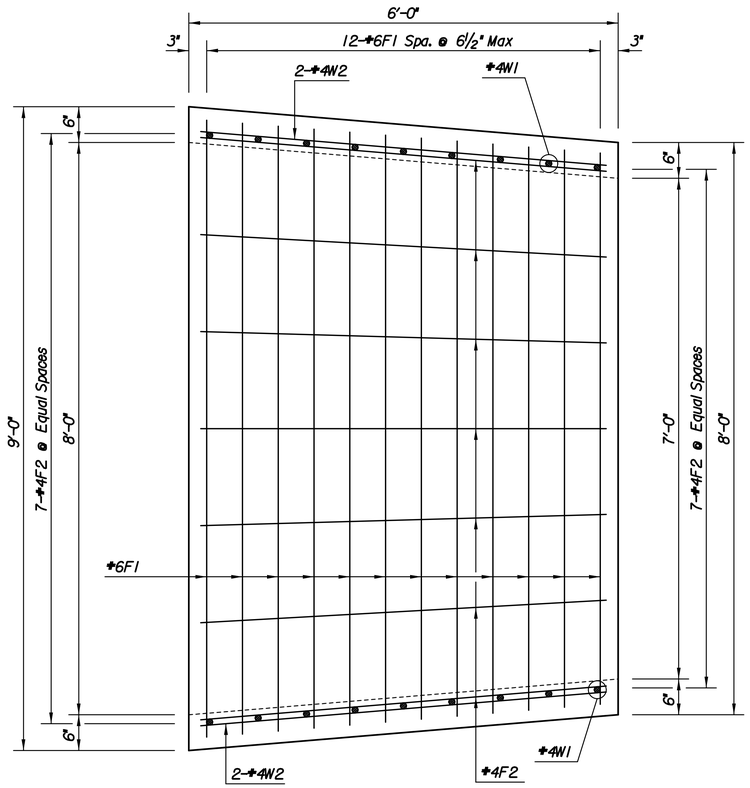
ELEVATION



TYPICAL SECTION



SLAB PLAN



FLOOR PLAN

REINFORCING STEEL

Straight Bars				Bent Bars			
Mark	No.	Size	Length	Mark	No.	Size	Length
F1	12	#6	VARIES				
F2	7	#4	5'-8"				
S1	12	#6	VARIES				
S2	9	#5	5'-8"				
S3	5	#4	VARIES				
S4	6	#4	5'-8"				
W1	18	#4	4'-3"				
W2	4	#4	5'-8"				

BILL OF MATERIALS *

Item	Quantity	Unit
Concrete	3.74	C.Y.
Reinforcing Steel (Grade 60) (Epoxy Coated)	490	Lbs.

* For Information Only

S3	Varies from 8'-8" to 7'-8" by 3" Cut 1 Each Length
S1	Varies from 8'-8" to 7'-8" by 1⅛"± Cut 1 Each Length
F1	Varies from 8'-8" to 7'-8" by 1⅛"± Cut 1 Each Length

F1, S1, S3

BENDING DIAGRAM

Dimensions are out to out of bars

Note:
Match cast connection joints for pre-cast to Transition Section ends.

No.	Revision	By	Date

37TH STREET NORTH — STA. 112+76

8'X3' TO 7'X3' RCB TRANSITION

GARY JANZEN, P.E.–CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84692

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

Designed by	MLB	Job No.	08207
Drawn by	MLB	Date	August, 2013

Sht. 76 of 193

Plotted By: svb Date: 8/19/2013 9:34:23 AM
FILE: I:\2008\08207\Bridge\Final\08207 - RCB 8x3 TO 7x3 Transition.dgn