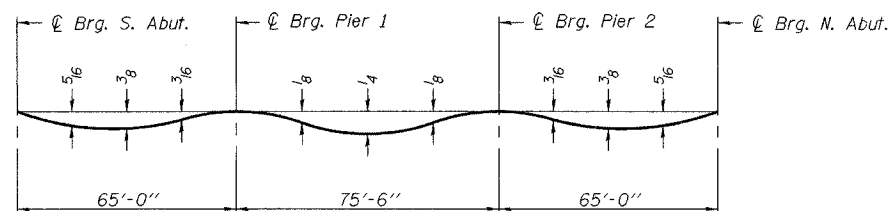


ROUTE NO.	SECTION	COUNTY	SHEETS	"SET"
5148		WINNEBAGO	15	5
F.A.U. 5148		ILLINOIS ROAD PROJECT BHM-5899(67)		
FED. ROAD DIST. NO. 7		06-00387-00-BR		

85405

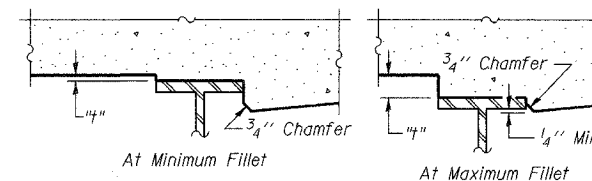
Sheet 2 of 12



**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only.)

Note:  
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted For Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

**BEAMS 1 AND 5**

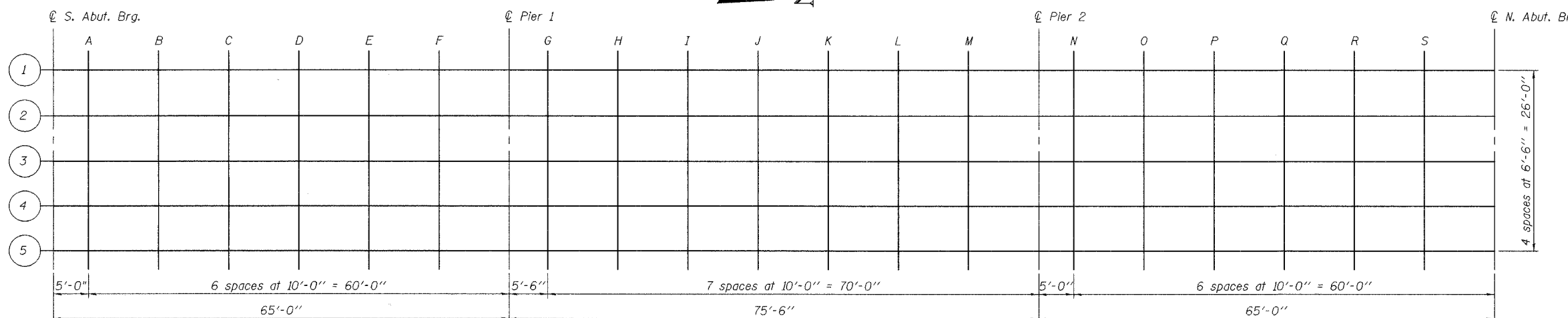
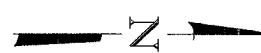
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL Brg. S. Abut.	39+87.25	13.0	723.797	723.797
A	39+92.25	13.0	723.797	723.806
B	40+02.25	13.0	723.797	723.820
C	40+12.25	13.0	723.797	723.827
D	40+22.25	13.0	723.797	723.825
E	40+32.25	13.0	723.797	723.816
F	40+42.25	13.0	723.797	723.805
CL S. Pier	40+52.25	13.0	723.797	723.797
G	40+57.75	13.0	723.797	723.798
H	40+67.75	13.0	723.797	723.806
I	40+77.75	13.0	723.797	723.814
J	40+87.75	13.0	723.797	723.818
K	40+97.75	13.0	723.797	723.816
L	41+07.75	13.0	723.797	723.810
M	41+17.75	13.0	723.797	723.801
CL N. Pier	41+27.75	13.0	723.797	723.797
N	41+32.75	13.0	723.797	723.800
O	41+42.75	13.0	723.797	723.811
P	41+52.75	13.0	723.797	723.821
Q	41+62.75	13.0	723.797	723.827
R	41+72.75	13.0	723.797	723.824
S	41+82.75	13.0	723.797	723.813
CL Brg. N. Abut.	41+92.75	13.0	723.797	723.797

**BEAMS 2 AND 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL Brg. S. Abut.	39+87.25	6.5	723.898	723.898
A	39+92.25	6.5	723.898	723.907
B	40+02.25	6.5	723.898	723.921
C	40+12.25	6.5	723.898	723.928
D	40+22.25	6.5	723.898	723.926
E	40+32.25	6.5	723.898	723.917
F	40+42.25	6.5	723.898	723.906
CL S. Pier	40+52.25	6.5	723.898	723.898
G	40+57.75	6.5	723.898	723.899
H	40+67.75	6.5	723.898	723.907
I	40+77.75	6.5	723.898	723.915
J	40+87.75	6.5	723.898	723.919
K	40+97.75	6.5	723.898	723.917
L	41+07.75	6.5	723.898	723.911
M	41+17.75	6.5	723.898	723.902
CL N. Pier	41+27.75	6.5	723.898	723.898
N	41+32.75	6.5	723.898	723.901
O	41+42.75	6.5	723.898	723.912
P	41+52.75	6.5	723.898	723.922
Q	41+62.75	6.5	723.898	723.928
R	41+72.75	6.5	723.898	723.925
S	41+82.75	6.5	723.898	723.914
CL Brg. N. Abut.	41+92.75	6.5	723.898	723.898

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL Brg. S. Abut.	39+87.25	0.0	724.000	724.000
A	39+92.25	0.0	724.000	724.009
B	40+02.25	0.0	724.000	724.023
C	40+12.25	0.0	724.000	724.030
D	40+22.25	0.0	724.000	724.028
E	40+32.25	0.0	724.000	724.019
F	40+42.25	0.0	724.000	724.008
CL S. Pier	40+52.25	0.0	724.000	724.000
G	40+57.75	0.0	724.000	724.001
H	40+67.75	0.0	724.000	724.009
I	40+77.75	0.0	724.000	724.017
J	40+87.75	0.0	724.000	724.021
K	40+97.75	0.0	724.000	724.019
L	41+07.75	0.0	724.000	724.013
M	41+17.75	0.0	724.000	724.004
CL N. Pier	41+27.75	0.0	724.000	724.000
N	41+32.75	0.0	724.000	724.003
O	41+42.75	0.0	724.000	724.014
P	41+52.75	0.0	724.000	724.024
Q	41+62.75	0.0	724.000	724.030
R	41+72.75	0.0	724.000	724.027
S	41+82.75	0.0	724.000	724.016
CL Brg. N. Abut.	41+92.75	0.0	724.000	724.000



**DIAGRAMMATIC PLAN - TOP OF CONCRETE ELEVATIONS**

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 01/31/2007 03:48 PM  
 I:\06\Jobs\06R1568\CADD\Struct\Sheet\AS-005-705 TABLES.dgn  
 LAYOUT: SJK 11/27/06  
 DRAWN: MCM 01/03/07  
 REVIEWED: SJK 10/10/07

Corporate License Number 184-001-084

**TOP OF SLAB ELEVATIONS**

**PERRYVILLE ROAD BRIDGE**  
**OVER NORTH BRANCH KISHWAUKEE RIVER**  
**F.A.U. ROUTE 5148**  
**SECTION 06-00387-00-BR**  
**WINNEBAGO COUNTY**  
**STRUCTURE NUMBER 101-3063**  
**STATION 40+90**

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JOB NO. 06R1568  
 DATE 2/1/07