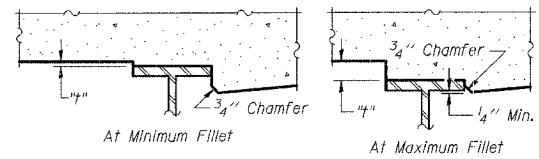


**DEAD LOAD DEFLECTION DIAGRAM**

(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 "f": 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 "f" above top flange of beams.

**FILLET HEIGHTS**

**GIRDER 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 5	1835.630	-4.25	771.351	771.351
CL. N. BRG. PIER 5	1836.338	-4.25	771.336	771.336
A	1846.062	-4.25	771.116	771.133
B	1855.787	-4.25	770.865	770.888
C	1865.511	-4.25	770.583	770.604
D	1875.236	-4.25	770.270	770.285
E	1884.960	-4.25	769.941	769.948
F	1894.685	-4.25	769.611	769.611
CL. PIER 6	1895.580	-4.25	769.581	769.581
G	1905.305	-4.25	769.251	769.261
H	1915.029	-4.25	768.921	768.943
I	1924.754	-4.25	768.592	768.620
J	1934.478	-4.25	768.262	768.293
K	1944.203	-4.25	767.932	767.960
L	1953.927	-4.25	767.603	767.622
M	1963.652	-4.25	767.273	767.281
CL. PIER 7	1971.580	-4.25	767.004	767.004
N	1981.304	-4.25	766.675	766.681
O	1991.029	-4.25	766.345	766.359
P	2000.753	-4.25	766.015	766.036
Q	2010.478	-4.25	765.686	765.708
R	2020.202	-4.25	765.356	765.373
CL. S. BRG. PIER 8	2030.822	-4.25	764.996	764.996
CL. PIER 8	2031.655	-4.25	764.968	764.968

**CL. BRIDGE & PGL**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 5	1835.630	0	771.439	771.439
CL. N. BRG. PIER 5	1836.338	0	771.425	771.425
A	1846.338	0	771.198	771.215
B	1856.338	0	770.939	770.962
C	1866.338	0	770.647	770.667
D	1876.338	0	770.322	770.336
E	1886.338	0	769.983	769.989
CL. PIER 6	1895.580	0	769.669	769.669
F	1905.580	0	769.330	769.341
G	1915.580	0	768.991	769.013
H	1925.580	0	768.652	768.682
I	1935.580	0	768.313	768.344
J	1945.580	0	767.974	768.001
K	1955.580	0	767.635	767.653
L	1965.580	0	767.296	767.303
CL. PIER 7	1971.580	0	767.093	767.093
M	1981.580	0	766.754	766.760
N	1991.580	0	766.415	766.429
O	2001.580	0	766.076	766.097
P	2011.580	0	765.737	765.759
Q	2021.580	0	765.398	765.414
CL. S. BRG. PIER 8	2030.822	0	765.085	765.085
CL. PIER 8	2031.655	0	765.056	765.056

**GIRDER 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 5	1835.630	4.25	771.351	771.351
CL. N. BRG. PIER 5	1836.338	4.25	771.336	771.336
A	1846.630	4.25	771.102	771.120
B	1856.921	4.25	770.834	770.857
C	1867.213	4.25	770.531	770.551
D	1877.504	4.25	770.193	770.206
E	1887.796	4.25	769.844	769.849
CL. PIER 6	1895.580	4.25	769.581	769.581
F	1905.872	4.25	769.232	769.243
G	1916.164	4.25	768.883	768.905
H	1926.455	4.25	768.534	768.564
I	1936.747	4.25	768.185	768.216
J	1947.038	4.25	767.836	767.862
K	1957.330	4.25	767.487	767.503
L	1967.622	4.25	767.138	767.142
CL. PIER 7	1971.580	4.25	767.004	767.004
M	1981.871	4.25	766.655	766.662
N	1992.163	4.25	766.306	766.321
O	2002.454	4.25	765.958	765.979
P	2012.746	4.25	765.609	765.631
Q	2023.038	4.25	765.260	765.274
CL. S. BRG. PIER 8	2030.822	4.25	764.996	764.996
CL. PIER 8	2031.655	4.25	764.968	764.968

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WHEATON PARK DISTRICT  
666 S. MAIN STREET  
WHEATON, ILLINOIS 60187



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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

**TOP OF SLAB ELEVATIONS - SHEET 3 OF 4**

**PEDESTRIAN/BICYCLE PATH BRIDGE OVER UNION PACIFIC RAILROAD**

FILE NAME: TOP OF SLAB	DSGN. BY: MMH	JOB NO.: 551.007	FLD. BK./PG.: -----	SHEET NO. 19 of 54
DISC. NUMBER: 551007	DRN. BY: RDS	DATE: 04-26-04	SCALE: -----	