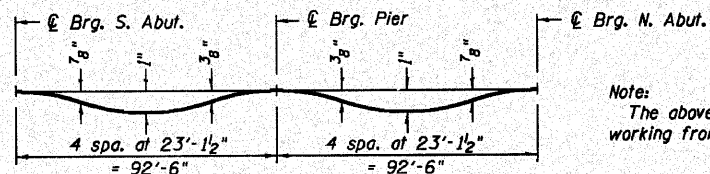
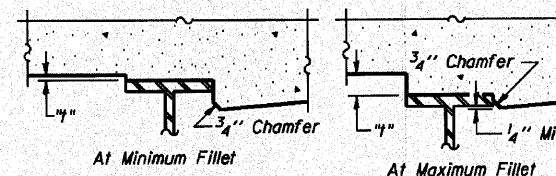


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



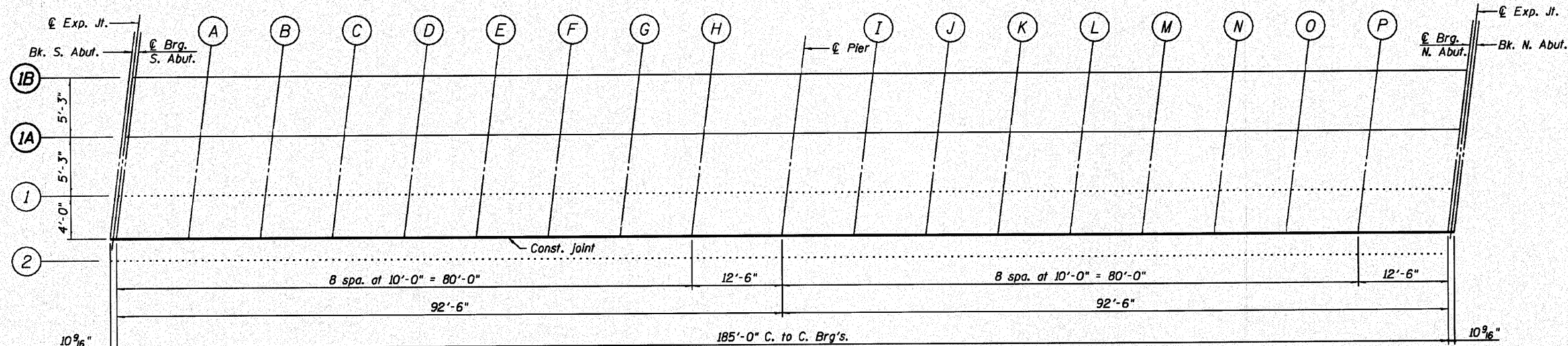
Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



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.

DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)



PLAN

GIRDER IB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	34+13.30	53.50	597.10	597.10
CL Exp Jt	34+13.43	53.50	597.10	597.10
CL Brg S Abut	34+14.18	53.50	597.10	597.10
A	34+24.18	53.50	597.13	597.17
B	34+34.18	53.50	597.16	597.23
C	34+44.18	53.50	597.19	597.27
D	34+54.18	53.50	597.21	597.29
E	34+64.18	53.50	597.22	597.30
F	34+74.18	53.50	597.23	597.29
G	34+84.18	53.50	597.24	597.27
H	34+94.18	53.50	597.24	597.25
CL Brg Pier	35+06.68	53.50	597.23	597.23
I	35+16.68	53.50	597.21	597.22
J	35+26.68	53.50	597.20	597.22
K	35+36.68	53.50	597.17	597.22
L	35+46.68	53.50	597.15	597.22
M	35+56.68	53.50	597.11	597.19
N	35+66.68	53.50	597.07	597.16
O	35+76.68	53.50	597.03	597.10
P	35+86.68	53.50	596.98	597.02
CL Brg N Abut	35+99.18	53.50	596.91	596.91
CL N Exp Jt	35+99.93	53.50	596.91	596.91
Bk N Abut	36+00.06	53.50	596.91	596.91

GIRDER IA

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	34+12.65	48.25	597.18	597.18
CL Exp Jt	34+12.77	48.25	597.18	597.18
CL Brg S Abut	34+13.53	48.25	597.18	597.18
A	34+23.53	48.25	597.21	597.25
B	34+33.53	48.25	597.24	597.31
C	34+43.53	48.25	597.27	597.35
D	34+53.53	48.25	597.29	597.37
E	34+63.53	48.25	597.30	597.38
F	34+73.53	48.25	597.31	597.37
G	34+83.53	48.25	597.32	597.35
H	34+93.53	48.25	597.32	597.33
CL Brg Pier	35+06.03	48.25	597.31	597.31
I	35+16.03	48.25	597.30	597.31
J	35+26.03	48.25	597.28	597.31
K	35+36.03	48.25	597.26	597.31
L	35+46.03	48.25	597.23	597.30
M	35+56.03	48.25	597.20	597.28
N	35+66.03	48.25	597.16	597.24
O	35+76.03	48.25	597.11	597.18
P	35+86.03	48.25	597.07	597.11
CL Brg N Abut	35+98.53	48.25	597.00	597.00
CL N Exp Jt	35+99.28	48.25	596.99	596.99
Bk N Abut	35+99.41	48.25	596.99	596.99

GIRDER I

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	34+11.99	43.00	597.26	597.26
CL Exp Jt	34+12.12	43.00	597.26	597.26
CL Brg S Abut	34+12.87	43.00	597.26	597.26
A	34+22.87	43.00	597.29	597.33
B	34+32.87	43.00	597.33	597.39
C	34+42.87	43.00	597.35	597.43
D	34+52.87	43.00	597.37	597.45
E	34+62.87	43.00	597.39	597.46
F	34+72.87	43.00	597.40	597.45
G	34+82.87	43.00	597.40	597.43
H	34+92.87	43.00	597.40	597.41
CL Brg Pier	35+05.37	43.00	597.39	597.39
I	35+15.37	43.00	597.38	597.39
J	35+25.37	43.00	597.36	597.39
K	35+35.37	43.00	597.34	597.39
L	35+45.37	43.00	597.31	597.38
M	35+55.37	43.00	597.28	597.36
N	35+65.37	43.00	597.24	597.33
O	35+75.37	43.00	597.20	597.27
P	35+85.37	43.00	597.15	597.19
CL Brg N Abut	35+97.87	43.00	597.08	597.08
CL N Exp Jt	35+98.62	43.00	597.08	597.08
Bk N Abut	35+98.75	43.00	597.08	597.08

CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	34+11.49	39.00	597.32	597.32
CL Exp Jt	34+11.62	39.00	597.32	597.32
CL Brg S Abut	34+12.37	39.00	597.32	597.32
A	34+22.37	39.00	597.36	597.39
B	34+32.37	39.00	597.39	597.45
C	34+42.37	39.00	597.41	597.49
D	34+52.37	39.00	597.43	597.51
E	34+62.37	39.00	597.45	597.52
F	34+72.37	39.00	597.46	597.51
G	34+82.37	39.00	597.46	597.50
H	34+92.37	39.00	597.46	597.48
CL Brg Pier	35+04.87	39.00	597.46	597.46
I	35+14.87	39.00	597.44	597.45
J	35+24.87	39.00	597.43	597.45
K	35+34.87	39.00	597.40	597.45
L	35+44.87	39.00	597.38	597.45
M	35+54.87	39.00	597.34	597.42
N	35+64.87	39.00	597.31	597.39
O	35+74.87	39.00	597.26	597.33
P	35+84.87	39.00	597.22	597.26
CL Brg N Abut	35+97.37	39.00	597.15	597.15
CL N Exp Jt	35+98.12	39.00	597.15	597.15
Bk N Abut	35+98.25	39.00	597.14	597.14

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 082-0176**

DESIGNED - T.JZ
CHECKED - CWC
DRAWN - DLH
CHECKED - CWC, SDS

WHS & Co.
ENGINEERING
7018 KINGSMILL CT.
SPRINGFIELD, IL
(217) 483-9457
DESIGN FIRM #184001036

SHEET NO. 6 34 SHEETS	F.A. RTE. 64	SECTION 82-5K-2	COUNTY ST. CLAIR	TOTAL SHEETS 162	SHEET NO. 89
	CONTRACT NO. 76D59 ILLINOIS FED. AID PROJECT				