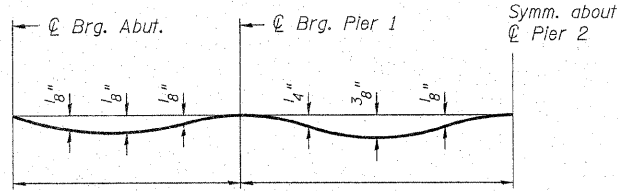


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	SHEET NO. 3
301	1-HBR-2F	WINNEBAGO	29	5
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT NO. 64F62		

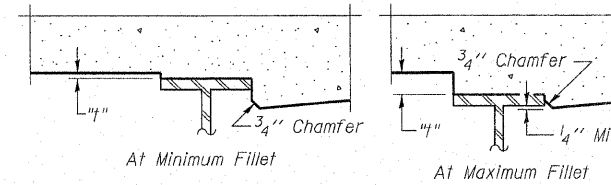
27 SHEETS



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

BEAM 1

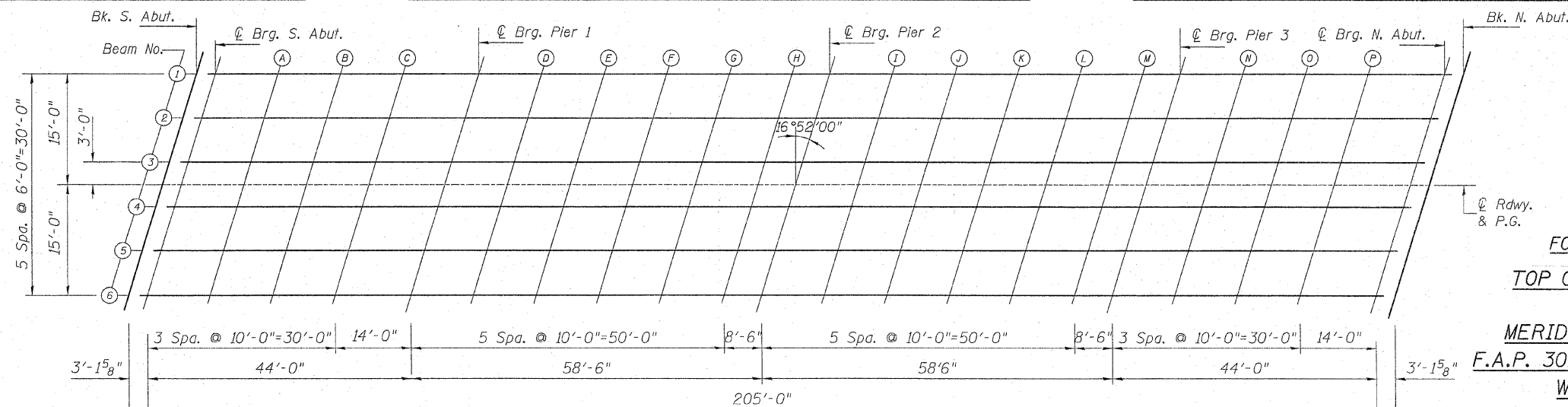
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	98+98.91	-15.00	787.38	787.38
⊕ Brg. S. Abut.	99+02.05	-15.00	787.39	787.39
A	99+12.05	-15.00	787.44	787.45
B	99+22.05	-15.00	787.49	787.51
C	99+32.05	-15.00	787.54	787.55
⊕ Brg. Pier 1	99+46.05	-15.00	787.61	787.61
D	99+56.05	-15.00	787.66	787.67
E	99+66.05	-15.00	787.71	787.74
F	99+76.05	-15.00	787.76	787.79
G	99+86.05	-15.00	787.81	787.83
H	99+96.05	-15.00	787.86	787.87
⊕ Brg. Pier 2	100+04.55	-15.00	787.91	787.91
I	100+14.55	-15.00	787.96	787.96
J	100+24.55	-15.00	788.01	788.03
K	100+34.55	-15.00	788.06	788.08
L	100+44.55	-15.00	788.10	788.12
M	100+54.55	-15.00	788.15	788.16
⊕ Brg. Pier 3	100+63.05	-15.00	788.20	788.20
N	100+73.05	-15.00	788.25	788.25
O	100+83.05	-15.00	788.30	788.31
P	100+93.05	-15.00	788.35	788.36
⊕ Brg. N. Abut.	101+07.05	-15.00	788.42	788.42
Bk. N. Abut.	101+10.18	-15.00	788.43	788.43

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	98+97.09	-9.00	787.48	787.48
⊕ Brg. S. Abut.	99+00.23	-9.00	787.49	787.49
A	99+10.23	-9.00	787.54	787.56
B	99+20.23	-9.00	787.59	787.61
C	99+30.23	-9.00	787.64	787.65
⊕ Brg. Pier 1	99+44.23	-9.00	787.71	787.71
D	99+54.23	-9.00	787.76	787.77
E	99+64.23	-9.00	787.81	787.84
F	99+74.23	-9.00	787.86	787.89
G	99+84.23	-9.00	787.91	787.93
H	99+94.23	-9.00	787.96	787.97
⊕ Brg. Pier 2	100+02.73	-9.00	788.01	788.01
I	100+12.73	-9.00	788.06	788.06
J	100+22.73	-9.00	788.11	788.13
K	100+32.73	-9.00	788.16	788.18
L	100+42.73	-9.00	788.20	788.22
M	100+52.73	-9.00	788.25	788.26
⊕ Brg. Pier 3	100+61.23	-9.00	788.30	788.30
N	100+71.23	-9.00	788.35	788.35
O	100+81.23	-9.00	788.40	788.41
P	100+91.23	-9.00	788.45	788.46
⊕ Brg. N. Abut.	101+05.23	-9.00	788.52	788.52
Bk. N. Abut.	101+08.36	-9.00	788.53	788.53

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	98+95.27	-3.00	787.56	787.56
⊕ Brg. S. Abut.	98+98.41	-3.00	787.58	787.58
A	99+08.41	-3.00	787.63	787.64
B	99+18.41	-3.00	787.68	787.69
C	99+28.41	-3.00	787.73	787.74
⊕ Brg. Pier 1	99+42.41	-3.00	787.80	787.80
D	99+52.41	-3.00	787.85	787.86
E	99+62.41	-3.00	787.90	787.92
F	99+72.41	-3.00	787.95	787.98
G	99+82.41	-3.00	788.00	788.02
H	99+92.41	-3.00	788.05	788.06
⊕ Brg. Pier 2	100+00.91	-3.00	788.09	788.09
I	100+10.91	-3.00	788.14	788.15
J	100+20.91	-3.00	788.19	788.21
K	100+30.91	-3.00	788.24	788.27
L	100+40.91	-3.00	788.29	788.31
M	100+50.91	-3.00	788.34	788.35
⊕ Brg. Pier 3	100+59.41	-3.00	788.38	788.38
N	100+69.41	-3.00	788.43	788.44
O	100+79.41	-3.00	788.48	788.49
P	100+89.41	-3.00	788.53	788.55
⊕ Brg. N. Abut.	101+03.41	-3.00	788.60	788.60
Bk. N. Abut.	101+06.55	-3.00	788.62	788.62



PLAN

DESIGNED	GUN / DAO
CHECKED	FCO
DRAWN	TCS / GUN
CHECKED	FCO

FOR INFORMATION ONLY
TOP OF SLAB ELEVATIONS
AND LAYOUT
MERIDIAN ROAD OVER US 20
F.A.P. 301 (US 20) - SEC. 1-HBR-2F
WINNEBAGO COUNTY
STATION 100+00
STRUCTURE NO. 101-0096

HOH HARRY O. HETTER-ASSOCIATES, INC.
DESIGN AND CONSULTING ENGINEERS

95 East Jackson Blvd.
Suite 400
Chicago, IL 60604
312-266-8131

PROJECT NUMBER
2945

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7/22/2009

I:\projects\2945\Structural\Meridian Road\Draws from SDN\DCN Files\Final Drawings\1-2009\1010096-64D50-003-DECKELEV1.dwg