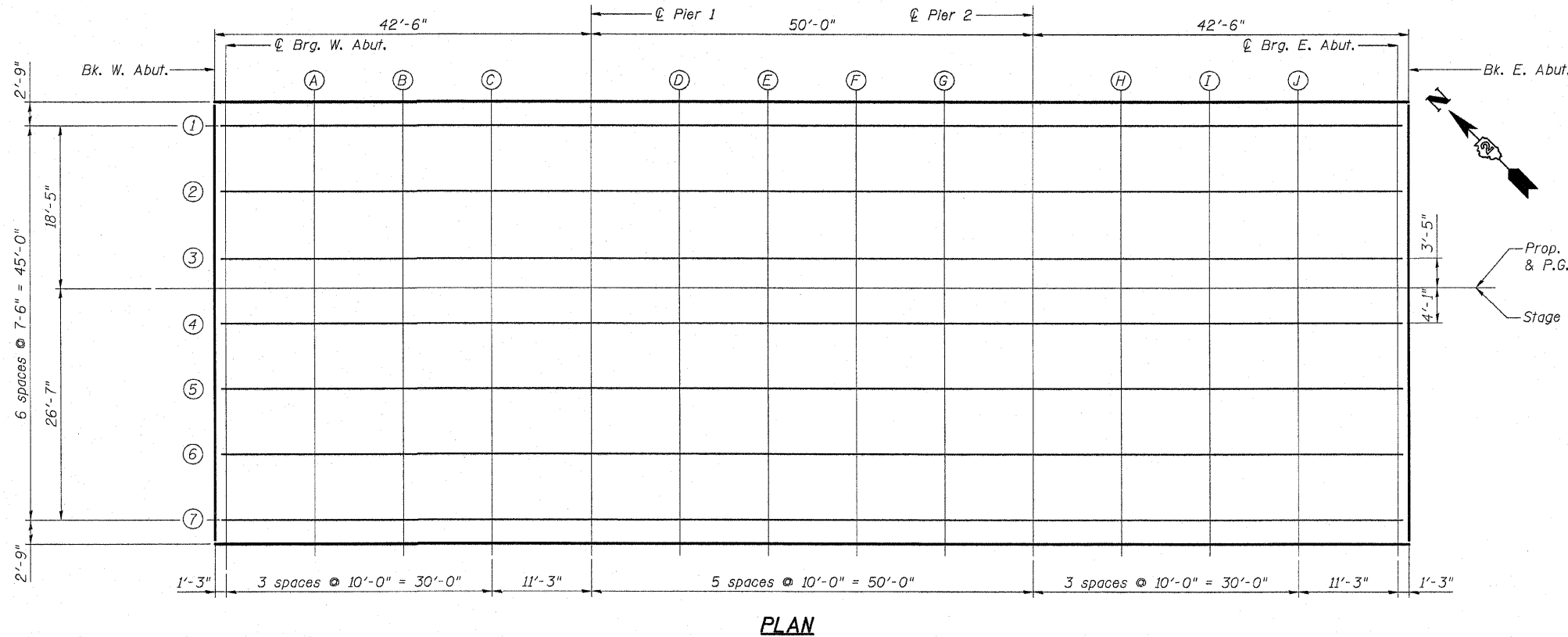


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

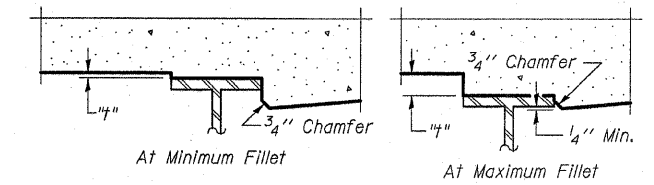
Sheet S6 of S25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	17R1B	WHITESIDE	376	56
FED. ROAD DIST. NO. 2		ILLINOIS FED. AID PROJECT		

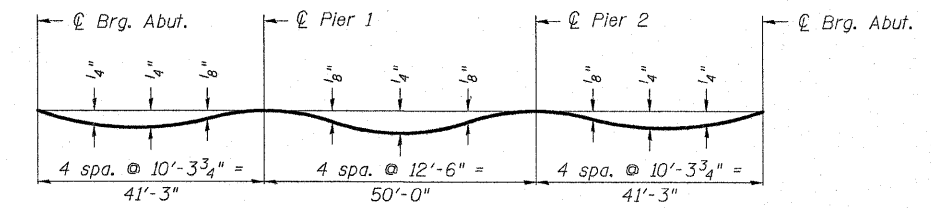
Contract #64B74



PLAN



FILLET HEIGHTS



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.

BEAM #1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1037+17.27	-18.42	636.84	636.84
Cl. Brg. W. Abut.	1037+18.52	-18.42	636.81	636.81
A	1037+28.52	-18.42	636.60	636.62
B	1037+38.52	-18.42	636.40	636.42
C	1037+48.52	-18.42	636.22	636.23
Cl. Pier 1	1037+59.77	-18.42	636.04	636.04
D	1037+69.77	-18.42	635.90	635.91
E	1037+79.77	-18.42	635.77	635.80
F	1037+89.77	-18.42	635.66	635.69
G	1037+99.77	-18.42	635.55	635.56
Cl. Pier 2	1038+09.77	-18.42	635.43	635.43
H	1038+19.77	-18.42	635.32	635.33
I	1038+29.77	-18.42	635.21	635.23
J	1038+39.77	-18.42	635.09	635.12
Cl. Brg. E. Abut.	1038+51.02	-18.42	634.97	634.97
Bk. E. Abut.	1038+52.27	-18.42	634.95	634.95

BEAM #2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1037+17.27	-10.92	636.99	636.99
Cl. Brg. W. Abut.	1037+18.52	-10.92	636.96	636.96
A	1037+28.52	-10.92	636.75	636.77
B	1037+38.52	-10.92	636.55	636.57
C	1037+48.52	-10.92	636.37	636.38
Cl. Pier 1	1037+59.77	-10.92	636.19	636.19
D	1037+69.77	-10.92	636.05	636.06
E	1037+79.77	-10.92	635.92	635.95
F	1037+89.77	-10.92	635.81	635.84
G	1037+99.77	-10.92	635.70	635.71
Cl. Pier 2	1038+09.77	-10.92	635.58	635.58
H	1038+19.77	-10.92	635.47	635.48
I	1038+29.77	-10.92	635.36	635.38
J	1038+39.77	-10.92	635.24	635.27
Cl. Brg. E. Abut.	1038+51.02	-10.92	635.12	635.12
Bk. E. Abut.	1038+52.27	-10.92	635.10	635.10

BEAM #3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1037+17.27	-3.42	637.14	637.14
Cl. Brg. W. Abut.	1037+18.52	-3.42	637.11	637.11
A	1037+28.52	-3.42	636.90	636.92
B	1037+38.52	-3.42	636.70	636.72
C	1037+48.52	-3.42	636.52	636.53
Cl. Pier 1	1037+59.77	-3.42	636.34	636.34
D	1037+69.77	-3.42	636.20	636.21
E	1037+79.77	-3.42	636.07	636.10
F	1037+89.77	-3.42	635.96	635.99
G	1037+99.77	-3.42	635.85	635.86
Cl. Pier 2	1038+09.77	-3.42	635.73	635.73
H	1038+19.77	-3.42	635.62	635.63
I	1038+29.77	-3.42	635.51	635.53
J	1038+39.77	-3.42	635.39	635.42
Cl. Brg. E. Abut.	1038+51.02	-3.42	635.27	635.27
Bk. E. Abut.	1038+52.27	-3.42	635.25	635.25

TOP OF SLAB ELEVATIONS I

U.S. RTE. 30/IL RTE. 78 OVER ROCK CREEK
F.A.P. ROUTE 309, SECTION (17R)B
WHITESIDE COUNTY
STATION 1037+84.35
STRUCTURE NO. 098-0113

DATE: December 18, 2008
DRAWN BY: D. Schettler
CHECKED BY: A. Yorglcoolu

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