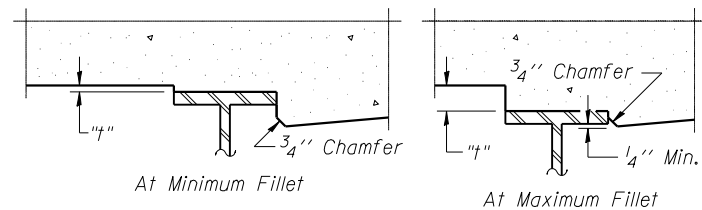


DEAD LOAD DEFLECTION DIAGRAM

(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.

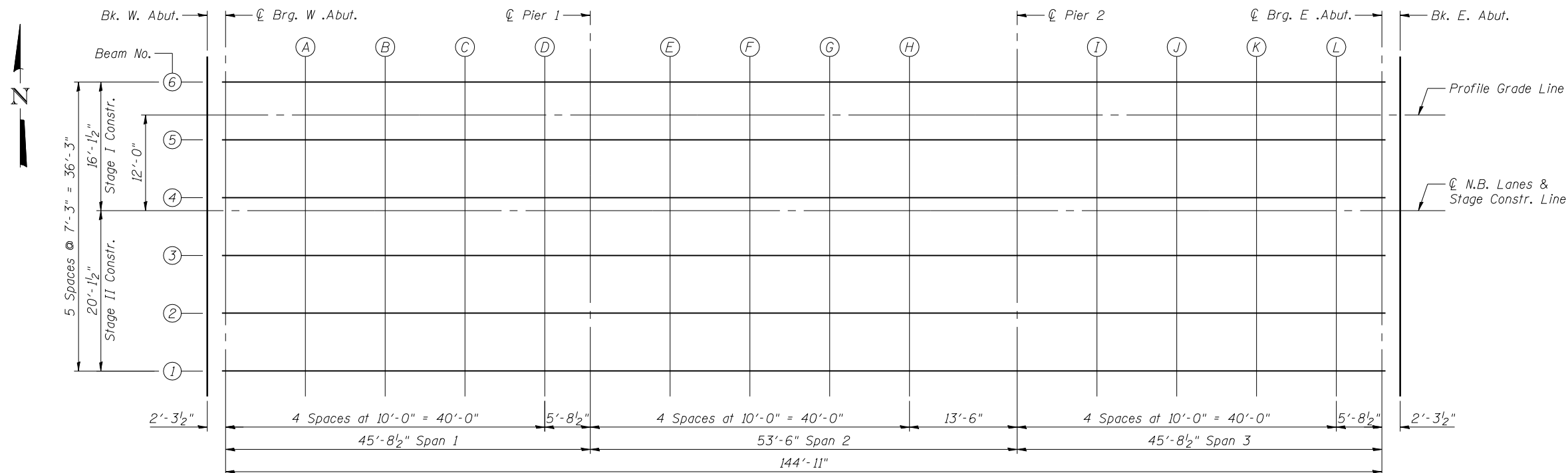
FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	576+09.40	32.13	607.62	607.64
CL Brg. W. Abut.	576+11.69	32.13	607.64	607.66
A	576+21.69	32.13	607.73	607.76
B	576+31.69	32.13	607.82	607.86
C	576+41.69	32.13	607.90	607.93
D	576+51.69	32.13	607.98	608.00
CL Pier 1	576+57.40	32.13	608.02	608.04
E	576+67.40	32.13	608.09	608.12
F	576+77.40	32.13	608.16	608.19
G	576+87.40	32.13	608.23	608.26
H	576+97.40	32.13	608.29	608.32
CL Pier 2	577+10.90	32.13	608.36	608.38
I	577+20.90	32.13	608.42	608.45
J	577+30.90	32.13	608.47	608.50
K	577+40.90	32.13	608.51	608.54
L	577+50.90	32.13	608.55	608.58
CL Brg. E. Abut.	577+56.61	32.13	608.57	608.59
Bk. E. Abut.	577+58.90	32.13	608.58	608.60

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	576+09.40	24.88	607.77	607.79
CL Brg. W. Abut.	576+11.69	24.88	607.79	607.81
A	576+21.69	24.88	607.88	607.91
B	576+31.69	24.88	607.97	908.01
C	576+41.69	24.88	608.05	608.08
D	576+51.69	24.88	608.13	608.15
CL Pier 1	576+57.40	24.88	608.17	608.19
E	576+67.40	24.88	608.24	608.27
F	576+77.40	24.88	608.31	608.34
G	576+87.40	24.88	608.38	608.41
H	576+97.40	24.88	608.44	608.47
CL Pier 2	577+10.90	24.88	608.52	608.54
I	577+20.90	24.88	608.57	608.60
J	577+30.90	24.88	608.62	608.65
K	577+40.90	24.88	608.66	608.70
L	577+50.90	24.88	608.70	608.73
CL Brg. E. Abut.	577+56.61	24.88	608.72	608.74
Bk. E. Abut.	577+58.90	24.88	608.73	608.75



PLAN



JOB = 2276.3
 FILE = 0540057_0058-SN0057TopSlabElev.dgn
 DATE = 2/11/2013

DESIGNED - AAN
 CHECKED - MDC
 DRAWN - SJS
 CHECKED - MDC

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
 STRUCTURE NO. 054-0057 (NB)**

SHEET NO. 5 OF 31 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011-1	LOGAN	429	204
CONTRACT NO. 72E11				

ILLINOIS FED. AID PROJECT