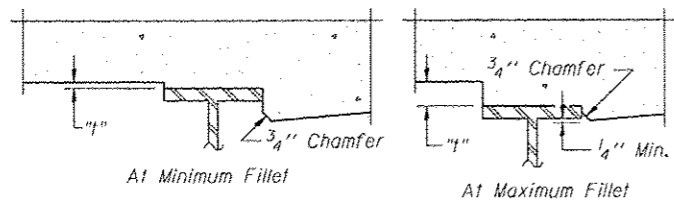


**DEAD LOAD DEFLECTION DIAGRAM**

(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 and grinding as shown below and on sheet 6 of 31.



To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on this sheet and on sheet 6 of 31, minus 8/16" deck thickness, equals the fillet heights "f" above top flange of beams.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on this sheet and on sheet 6 of 31. For grinding the deck, see Special Provisions.

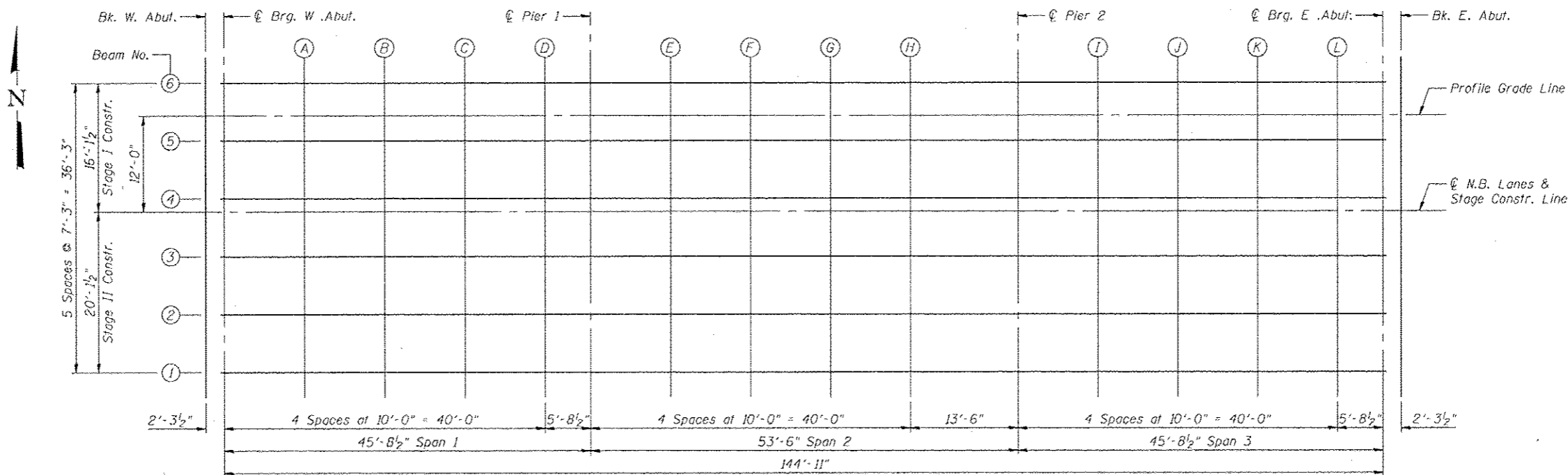
**FILLET HEIGHTS**

**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	608.01
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



REV. SHEET 6-3-13

PLAN



JOB = 2276.3  
 FILE = 0540057\_0058-05-06-SNO0571opSlabElev.dwg  
 DATE = 5/17/2013

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

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