

PROFILE GRADE FAP 310 - NORTHBOUND LANES

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+37.76	0.00	684.59	684.59
☉ Brg. N. Abut.	152+39.53	0.00	684.60	684.60
A	152+49.53	0.00	684.63	684.73
B	152+59.53	0.00	684.66	684.86
C	152+69.53	0.00	684.69	684.97
D	152+79.53	0.00	684.72	685.06
E	152+89.53	0.00	684.75	685.12
F	152+99.53	0.00	684.78	685.17
G	153+09.53	0.00	684.81	685.18
H	153+19.53	0.00	684.84	685.15
I	153+29.53	0.00	684.87	685.11
J	153+39.53	0.00	684.90	685.06
K	153+49.53	0.00	684.93	684.98
☉ Brg. S. Abut.	153+54.53	0.00	684.95	684.95
Bk. S. Abut.	153+56.30	0.00	684.95	684.95

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+17.76	-20.00	684.18	684.18
☉ Brg. N. Abut.	152+19.53	-20.00	684.18	684.18
A	152+29.53	-20.00	684.21	684.32
B	152+39.53	-20.00	684.24	684.44
C	152+49.53	-20.00	684.27	684.55
D	152+59.53	-20.00	684.30	684.65
E	152+69.53	-20.00	684.33	684.71
F	152+79.53	-20.00	684.36	684.75
G	152+89.53	-20.00	684.40	684.76
H	152+99.53	-20.00	684.43	684.74
I	153+09.53	-20.00	684.46	684.70
J	153+19.53	-20.00	684.49	684.64
K	153+29.53	-20.00	684.52	684.57
☉ Brg. S. Abut.	153+34.53	-20.00	684.53	684.53
Bk. S. Abut.	153+36.30	-20.00	684.54	684.54

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+25.43	-12.33	684.36	684.36
☉ Brg. N. Abut.	152+27.20	-12.33	684.36	684.36
A	152+37.20	-12.33	684.40	684.50
B	152+47.20	-12.33	684.43	684.62
C	152+57.20	-12.33	684.46	684.74
D	152+67.20	-12.33	684.49	684.83
E	152+77.20	-12.33	684.52	684.89
F	152+87.20	-12.33	684.55	684.93
G	152+97.20	-12.33	684.58	684.94
H	153+07.20	-12.33	684.61	684.92
I	153+17.20	-12.33	684.64	684.88
J	153+27.20	-12.33	684.67	684.83
K	153+37.20	-12.33	684.70	684.75
☉ Brg. S. Abut.	153+42.20	-12.33	684.72	684.72
Bk. S. Abut.	153+43.96	-12.33	684.72	684.72

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+33.10	-4.67	684.50	684.50
☉ Brg. N. Abut.	152+34.86	-4.67	684.51	684.51
A	152+44.86	-4.67	684.54	684.64
B	152+54.86	-4.67	684.57	684.77
C	152+64.86	-4.67	684.60	684.88
D	152+74.86	-4.67	684.63	684.98
E	152+84.86	-4.67	684.66	685.04
F	152+94.86	-4.67	684.69	685.08
G	153+04.86	-4.67	684.72	685.09
H	153+14.86	-4.67	684.75	685.07
I	153+24.86	-4.67	684.78	685.02
J	153+34.86	-4.67	684.81	684.97
K	153+44.86	-4.67	684.85	684.90
☉ Brg. S. Abut.	153+49.86	-4.67	684.86	684.86
Bk. S. Abut.	153+51.63	-4.67	684.87	684.87

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+40.76	3.00	684.55	684.55
☉ Brg. N. Abut.	152+42.53	3.00	684.56	684.56
A	152+52.53	3.00	684.59	684.69
B	152+62.53	3.00	684.62	684.82
C	152+72.53	3.00	684.65	684.93
D	152+82.53	3.00	684.68	685.02
E	152+92.53	3.00	684.71	685.09
F	153+02.53	3.00	684.74	685.13
G	153+12.53	3.00	684.77	685.14
H	153+22.53	3.00	684.80	685.12
I	153+32.53	3.00	684.83	685.07
J	153+42.53	3.00	684.86	685.02
K	153+52.53	3.00	684.89	684.95
☉ Brg. S. Abut.	153+57.53	3.00	684.91	684.91
Bk. S. Abut.	153+59.30	3.00	684.92	684.92

GIRDER 5

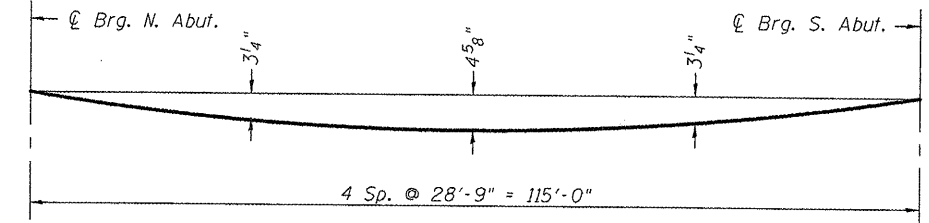
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+48.43	10.67	684.46	684.46
☉ Brg. N. Abut.	152+50.20	10.67	684.46	684.46
A	152+60.20	10.67	684.49	684.60
B	152+70.20	10.67	684.52	684.72
C	152+80.20	10.67	684.55	684.84
D	152+90.20	10.67	684.58	684.93
E	153+00.20	10.67	684.62	684.99
F	153+10.20	10.67	684.65	685.03
G	153+20.20	10.67	684.68	685.04
H	153+30.20	10.67	684.71	685.02
I	153+40.20	10.67	684.74	684.98
J	153+50.20	10.67	684.77	684.92
K	153+60.20	10.67	684.80	684.85
☉ Brg. S. Abut.	153+65.20	10.67	684.81	684.81
Bk. S. Abut.	153+66.96	10.67	684.82	684.82

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+56.10	18.33	684.36	684.36
☉ Brg. N. Abut.	152+57.86	18.33	684.37	684.37
A	152+67.86	18.33	684.40	684.50
B	152+77.86	18.33	684.43	684.63
C	152+87.86	18.33	684.46	684.74
D	152+97.86	18.33	684.49	684.83
E	153+07.86	18.33	684.52	684.89
F	153+17.86	18.33	684.55	684.93
G	153+27.86	18.33	684.58	684.94
H	153+37.86	18.33	684.61	684.92
I	153+47.86	18.33	684.64	684.88
J	153+57.86	18.33	684.67	684.83
K	153+67.86	18.33	684.70	684.75
☉ Brg. S. Abut.	153+72.86	18.33	684.72	684.72
Bk. S. Abut.	153+74.63	18.33	684.72	684.72

GIRDER 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	152+63.76	26.00	684.25	684.25
☉ Brg. N. Abut.	152+65.53	26.00	684.26	684.26
A	152+75.53	26.00	684.29	684.39
B	152+85.53	26.00	684.32	684.52
C	152+95.53	26.00	684.35	684.63
D	153+05.53	26.00	684.38	684.73
E	153+15.53	26.00	684.41	684.79
F	153+25.53	26.00	684.44	684.83
G	153+35.53	26.00	684.47	684.84
H	153+45.53	26.00	684.50	684.82
I	153+55.53	26.00	684.53	684.77
J	153+65.53	26.00	684.56	684.72
K	153+75.53	26.00	684.60	684.65
☉ Brg. S. Abut.	153+80.53	26.00	684.61	684.61
Bk. S. Abut.	153+82.30	26.00	684.62	684.62



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Notes:
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 on this sheet.

Offsets are measured from ☉ NB lanes.

FILE NAME =	USER NAME = seb	DESIGNED - KTH	REVISED -
P:\07\10a\070286\Phase2\Bridg Plans\06_TopSlabElevations_0808.dgn		CHECKED - ADL	REVISED -
		DRAWN - BGJ	REVISED -
		CHECKED - RJP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
S.N. 055-0080 (NB)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(388-2)BR	MCDONOUGH	130	63

SHEET NO. 6 OF 35 SHEETS

CONTRACT NO. 68691

ILLINOIS FED. AID PROJECT
Kilmaner & Associates P.C.