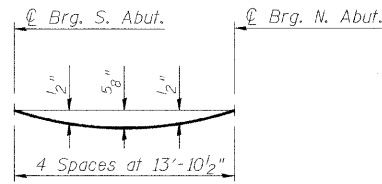
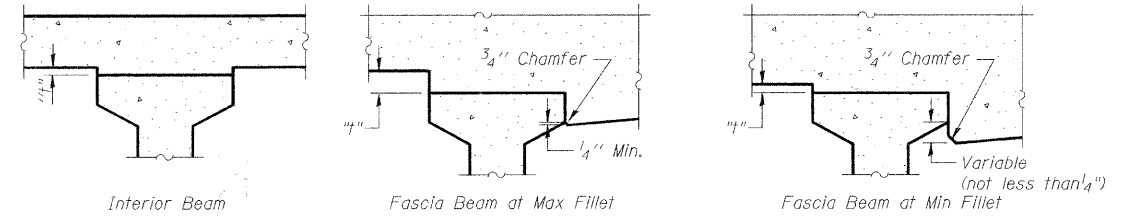


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

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 precast prestressed beams have 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 Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

FACE OF WEST CONCRETE BRIDGE RAILING

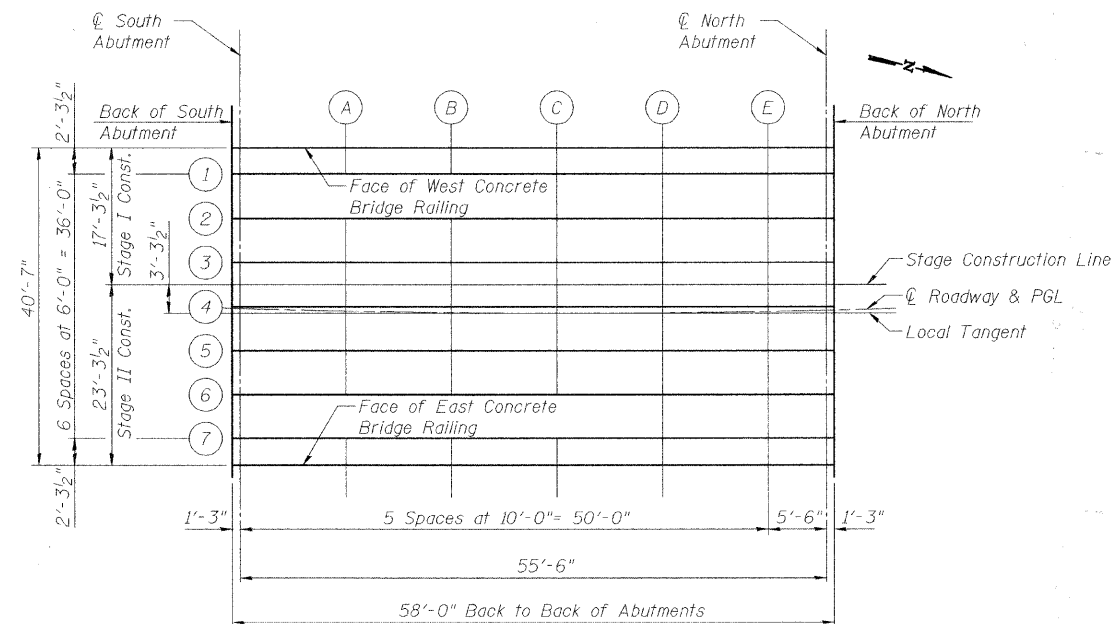
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.38	-20.45	959.35	959.35
CL Brg. S. Abut.	122+89.64	-20.46	959.36	959.36
A	122+99.70	-20.53	959.43	959.46
B	123+09.77	-20.57	959.51	959.55
C	123+19.83	-20.58	959.61	959.66
D	123+29.90	-20.56	959.72	959.76
E	123+39.97	-20.50	959.85	959.87
CL Brg. N. Abut.	123+45.50	-20.46	959.92	959.92
Bk. N. Abut.	123+46.76	-20.45	959.94	959.94

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.40	-18.16	959.40	959.40
CL Brg. S. Abut.	122+89.66	-18.17	959.41	959.41
A	122+99.72	-18.24	959.48	959.51
B	123+09.77	-18.28	959.55	959.60
C	123+19.83	-18.29	959.65	959.70
D	123+29.89	-18.27	959.76	959.81
E	123+39.95	-18.21	959.90	959.91
CL Brg. N. Abut.	123+45.48	-18.17	959.97	959.97
Bk. N. Abut.	123+46.74	-18.16	959.99	959.99

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	122+88.46	-12.16	959.52	959.52
CL Brg. S. Abut.	122+89.71	-12.17	959.53	959.53
A	122+99.75	-12.24	959.60	959.63
B	123+09.79	-12.28	959.67	959.72
C	123+19.83	-12.29	959.77	959.82
D	123+29.87	-12.27	959.88	959.93
E	123+39.91	-12.21	960.02	960.03
CL Brg. N. Abut.	123+45.43	-12.17	960.09	960.09
Bk. N. Abut.	123+46.68	-12.16	960.11	960.11



PLAN

**TOP OF SLAB ELEVATIONS I
STRUCTURE NO. 056-3174**

DESIGNED	MDS
CHECKED	LAN
DRAWN	MDS
CHECKED	SLC



1051 Perimeter Drive, Suite 1025
Schaumburg, IL 60173-5058
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Fax: (847) 605-9610

SHEET NO. 7	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0026	02-00269-00-BR	McHENRY	153	99
22 SHEETS	CONTRACT NO. 63212		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		