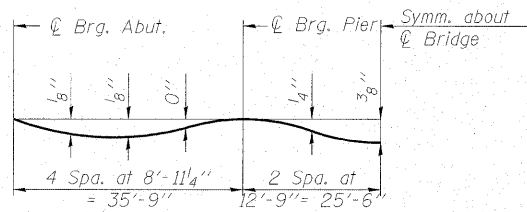
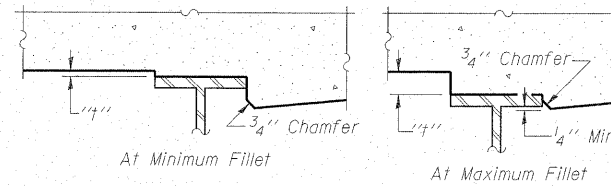


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



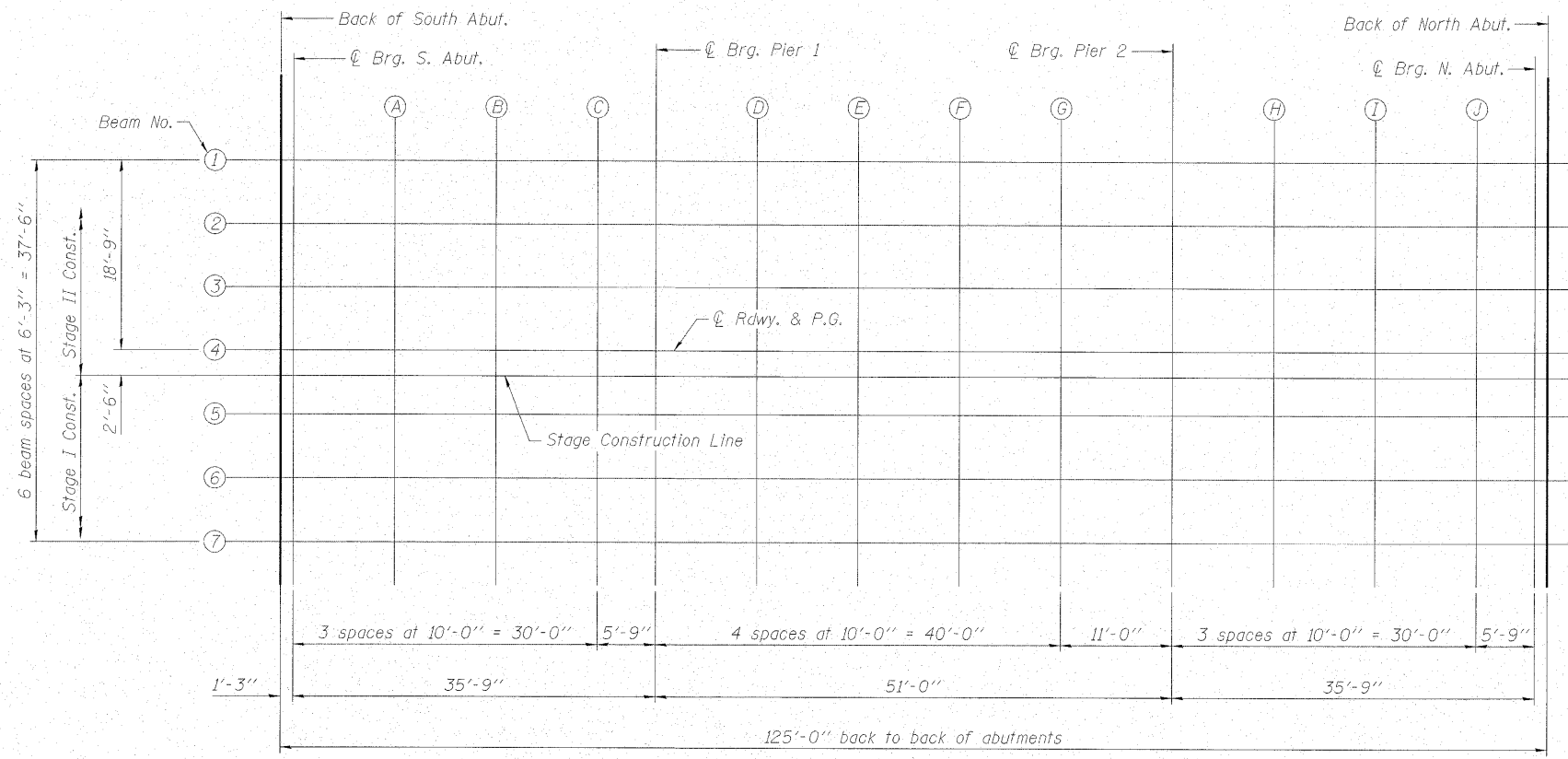
DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only.)

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 on sheets 5 and 6 of 24.

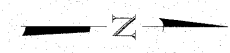


To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 5 and 6 of 24, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN



DESIGNED -	BAS
CHECKED -	KEF
DRAWN -	SGM
CHECKED -	RJA/KEF

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	-18.75	619.29	619.29
CL Brg. S. Abut.	1241+35.75	-18.75	619.26	619.26
A	1241+45.75	-18.75	619.02	619.03
B	1241+55.75	-18.75	618.78	618.79
C	1241+65.75	-18.75	618.54	618.54
CL Brg. Pier 1	1241+71.50	-18.75	618.41	618.41
D	1241+81.50	-18.75	618.17	618.18
E	1241+91.50	-18.75	617.93	617.95
F	1242+01.50	-18.75	617.69	617.71
G	1242+11.50	-18.75	617.45	617.46
CL Brg. Pier 2	1242+22.50	-18.75	617.19	617.19
H	1242+32.50	-18.75	616.95	616.95
I	1242+42.50	-18.75	616.71	616.72
J	1242+52.50	-18.75	616.47	616.47
CL Brg. N. Abut.	1242+58.25	-18.75	616.33	616.33
Back of North Abut.	1242+59.50	-18.75	616.30	616.30

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	-12.50	619.42	619.42
CL Brg. S. Abut.	1241+35.75	-12.50	619.39	619.39
A	1241+45.75	-12.50	619.15	619.16
B	1241+55.75	-12.50	618.91	618.92
C	1241+65.75	-12.50	618.67	618.67
CL Brg. Pier 1	1241+71.50	-12.50	618.54	618.54
D	1241+81.50	-12.50	618.30	618.31
E	1241+91.50	-12.50	618.06	618.08
F	1242+01.50	-12.50	617.82	617.84
G	1242+11.50	-12.50	617.58	617.59
CL Brg. Pier 2	1242+22.50	-12.50	617.32	617.32
H	1242+32.50	-12.50	617.08	617.08
I	1242+42.50	-12.50	616.84	616.85
J	1242+52.50	-12.50	616.60	616.60
CL Brg. N. Abut.	1242+58.25	-12.50	616.46	616.46
Back of North Abut.	1242+59.50	-12.50	616.43	616.43

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 037-0175**

SHEET NO. 5 24 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	638	129 BR-3	HENRY	73	22
CONTRACT NO. 64B08					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					