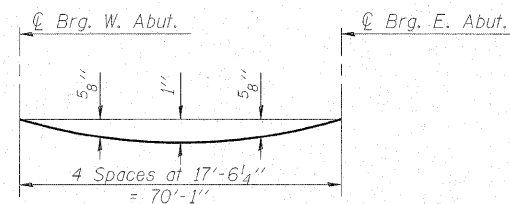


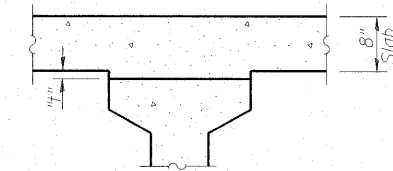
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DEAD LOAD DEFLECTION DIAGRAM

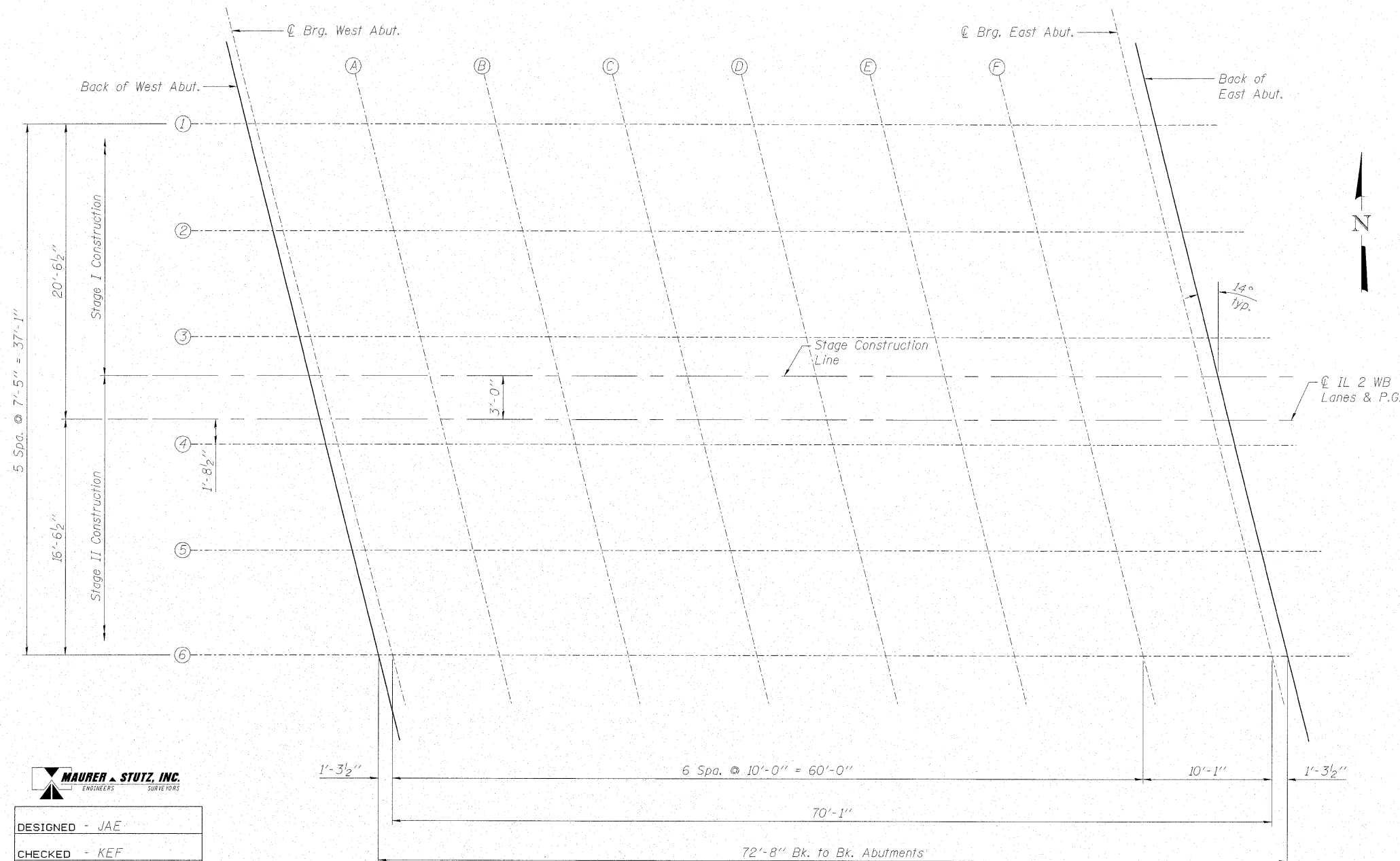
(Includes weight of concrete, excluding beams).

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 and on sheet 6 of 20.



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 and on sheet 6 of 20, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS



PLAN

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	114+74.55	-20.54	667.10	667.10
CL Brg. W. Abut.	114+75.84	-20.54	667.11	667.11
A	114+85.84	-20.54	667.16	667.19
B	114+95.84	-20.54	667.21	667.27
C	115+05.84	-20.54	667.26	667.34
D	115+15.84	-20.54	667.32	667.39
E	115+25.84	-20.54	667.38	667.44
F	115+35.84	-20.54	667.44	667.47
CL Brg. E. Abut.	115+45.92	-20.54	667.50	667.50
Back of East Abut.	115+47.21	-20.54	667.51	667.51

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	114+76.40	-13.13	667.26	667.26
CL Brg. W. Abut.	114+77.69	-13.13	667.27	667.27
A	114+87.69	-13.13	667.32	667.35
B	114+97.69	-13.13	667.37	667.43
C	115+07.69	-13.13	667.43	667.50
D	115+17.69	-13.13	667.48	667.56
E	115+27.69	-13.13	667.54	667.60
F	115+37.69	-13.13	667.60	667.64
CL Brg. E. Abut.	115+47.77	-13.13	667.66	667.66
Back of East Abut.	115+49.06	-13.13	667.67	667.67

TOP OF SLAB ELEVATIONS
IL RTE. 2 WB OVER UNNAMED TRIBUTARY TO THE ROCK RIVER
STATION 115+16.00

SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	561	31-1BR-2	LEE	92	58
20 SHEETS		STRUCTURE NO. 052-0079		CONTRACT NO. 64B05	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



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