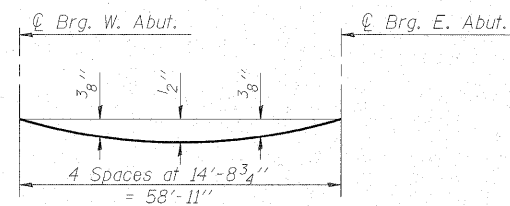


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DEPARTMENT OF TRANSPORTATION

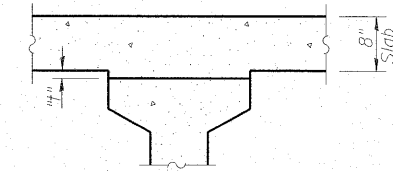


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

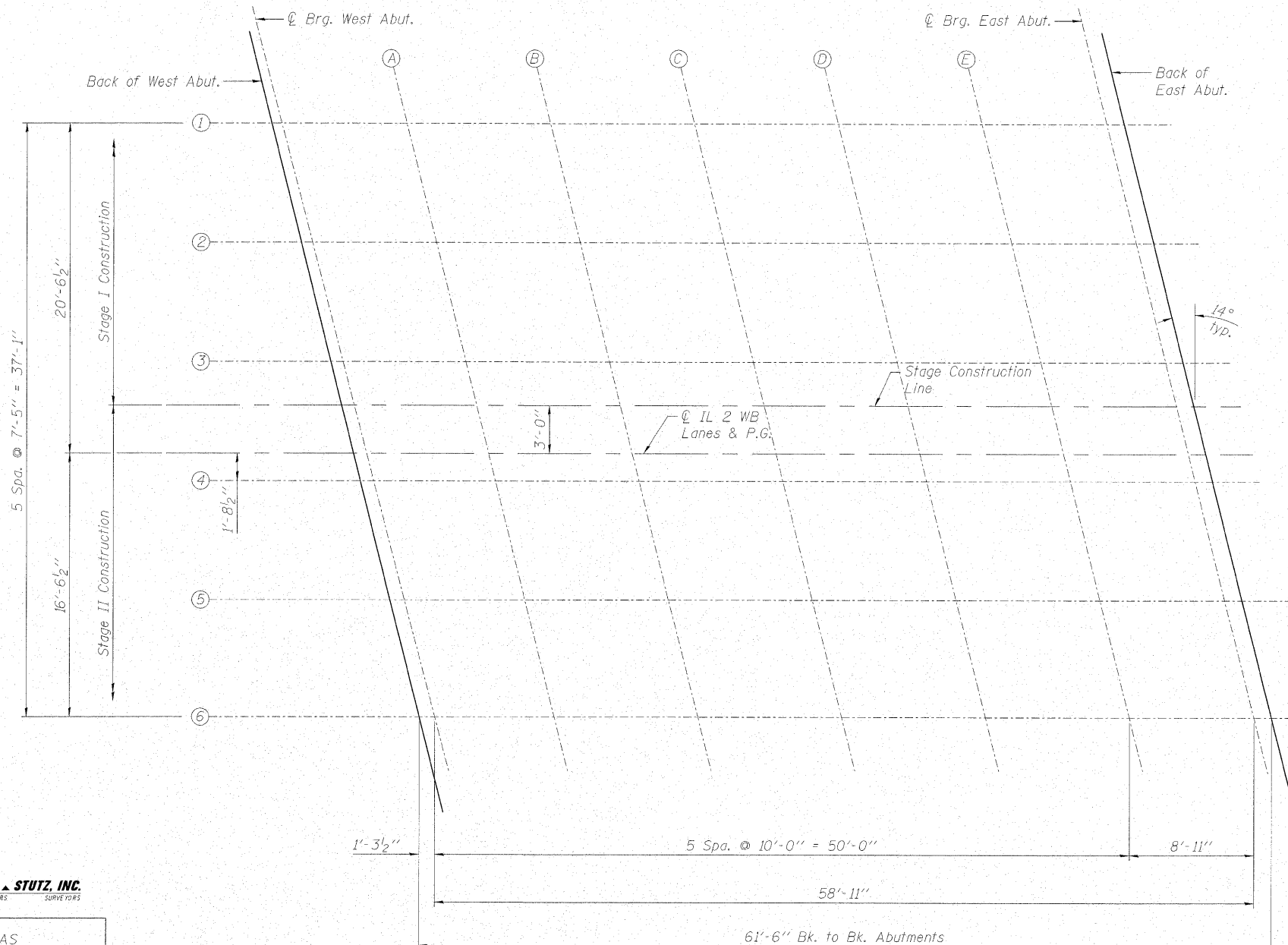
Note:

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.	66+16.13	-20.54	666.43	666.43
CL Brg. W. Abut.	66+17.42	-20.54	666.44	666.44
A	66+27.42	-20.54	666.46	666.48
B	66+37.42	-20.54	666.48	666.52
C	66+47.42	-20.54	666.50	666.55
D	66+57.42	-20.54	666.53	666.56
E	66+67.42	-20.54	666.55	666.57
CL Brg. E. Abut.	66+76.34	-20.54	666.57	666.57
Back of East Abut.	66+77.63	-20.54	666.57	666.57

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	66+17.98	-13.13	666.59	666.59
CL Brg. W. Abut.	66+19.27	-13.13	666.59	666.59
A	66+29.27	-13.13	666.62	666.64
B	66+39.27	-13.13	666.64	666.68
C	66+49.27	-13.13	666.66	666.70
D	66+59.27	-13.13	666.69	666.72
E	66+69.27	-13.13	666.71	666.73
CL Brg. E. Abut.	66+78.19	-13.13	666.73	666.73
Back of East Abut.	66+79.48	-13.13	666.73	666.73

**TOP OF SLAB ELEVATIONS
IL RTE. 2 WB OVER LITTLE CREEK
STATION 66+52.00**

SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	561	31-1BR-1	LEE	92	38
20 SHEETS		STRUCTURE NO. 052-0078		CONTRACT NO. 64B05	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



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