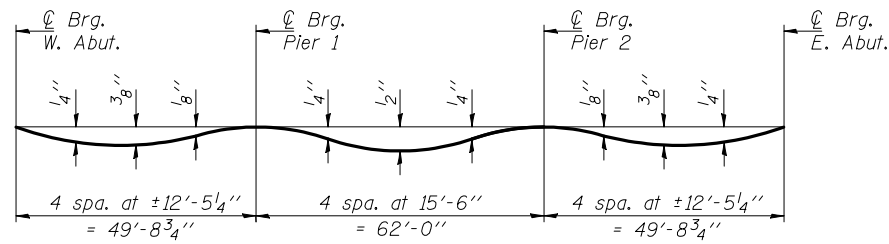


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 1

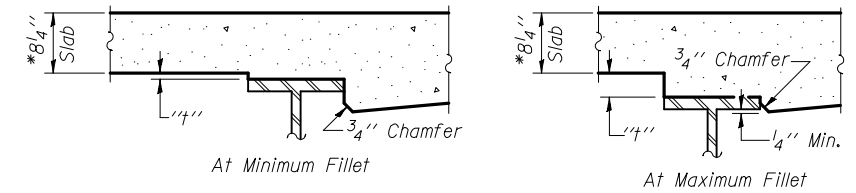
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	28837.76	-14.79	757.02	757.04
☉ Brg. W. Abut.	28839.03	-14.79	757.03	757.05
C	28849.03	-14.79	757.14	757.18
D	28859.03	-14.79	757.23	757.28
E	28869.03	-14.79	757.30	757.35
F	28879.03	-14.79	757.37	757.40
☉ Brg. Pier 1	28888.76	-14.79	757.42	757.44
G	28898.76	-14.79	757.45	757.49
H	28908.76	-14.79	757.48	757.53
I	28918.76	-14.79	757.49	757.56
J	28928.76	-14.79	757.49	757.54
K	28938.76	-14.79	757.47	757.51
☉ Brg. Pier 2	28950.76	-14.79	757.43	757.45
L	28960.76	-14.79	757.39	757.42
M	28970.76	-14.79	757.33	757.38
N	28980.76	-14.79	757.26	757.31
O	28990.76	-14.79	757.17	757.22
☉ Brg. E. Abut.	29000.49	-14.79	757.08	757.10
Bk. E. Abut.	29001.76	-14.79	757.07	757.09



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

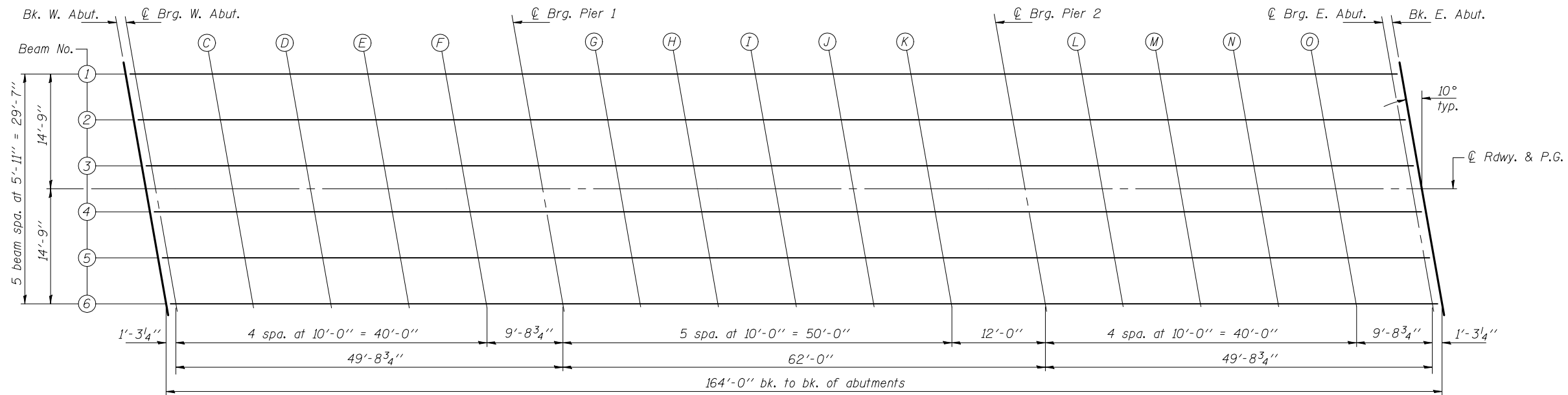
Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections and grinding as shown below & on sheet 5 of 25.



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 and Grinding" shown below and on sheet 5 of 25, minus 8 1/4" deck thickness, equals the fillet height "t" above top flange of beams.
The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on this sheet and sheet 5 of 25. For grinding the deck, see Special Provisions.

FILLET HEIGHTS

*Prior to grinding



PLAN

DESIGNED	D.P. Narielwala
CHECKED	S.M. Ryan
DRAWN	h.t. duong
CHECKED	DPN/SMR

November 25, 2009
 EXAMINED *Thomas J. Domagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 074-0086

SHEET NO. 4 25 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	12VBR-1	PIATT	168	89
CONTRACT NO. 70388					
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					