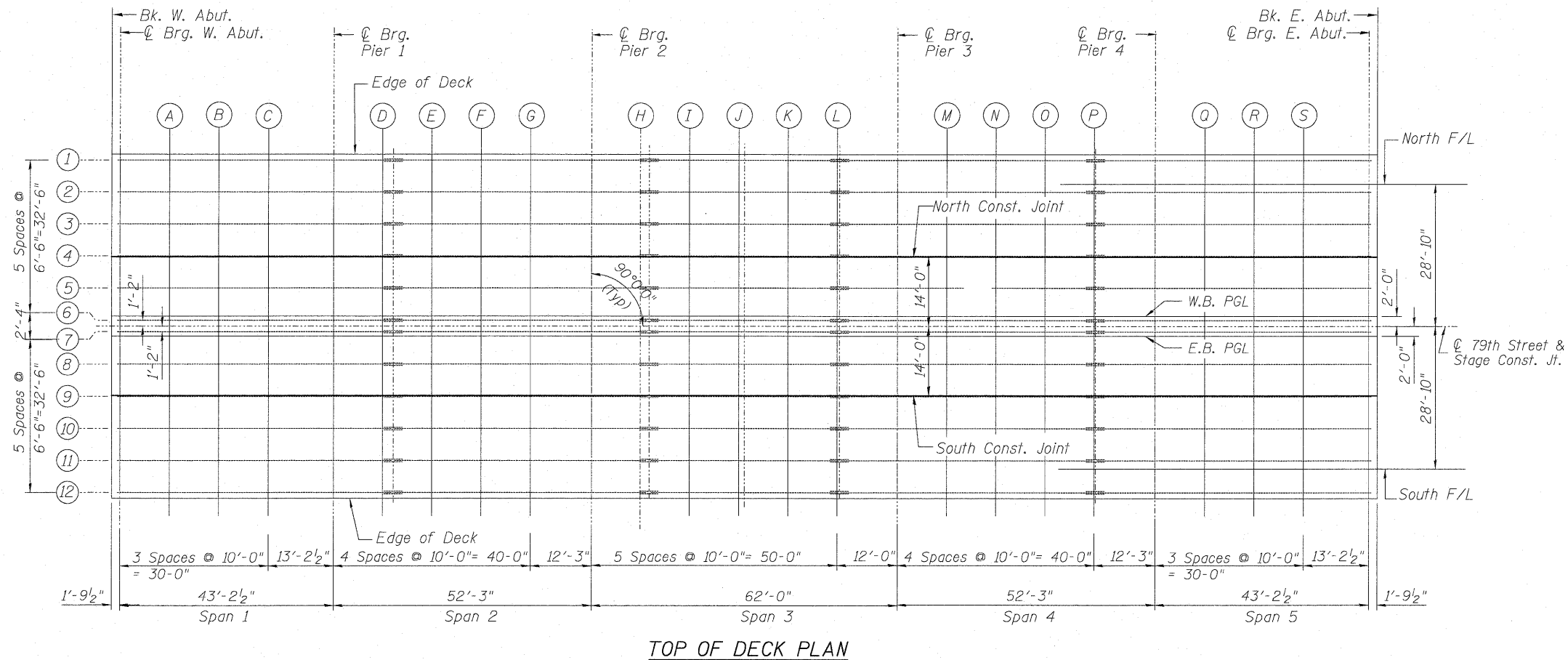
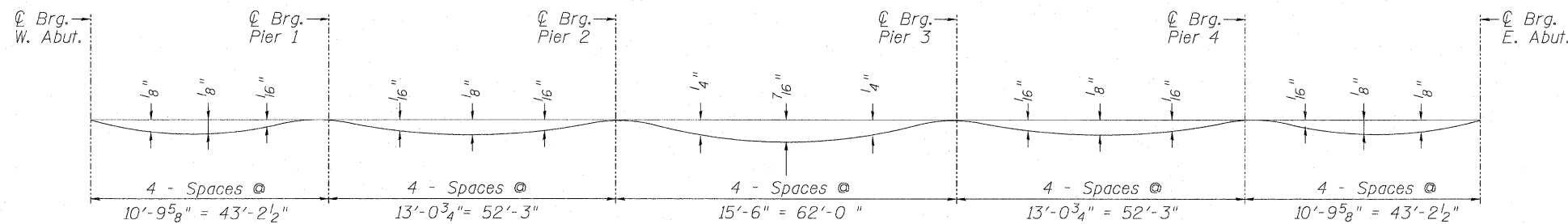


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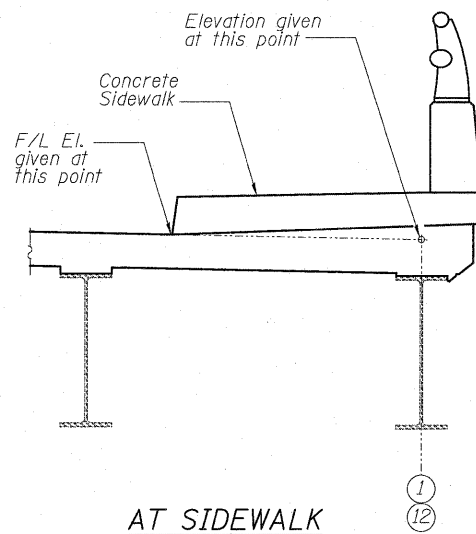
TOP OF DECK PLAN



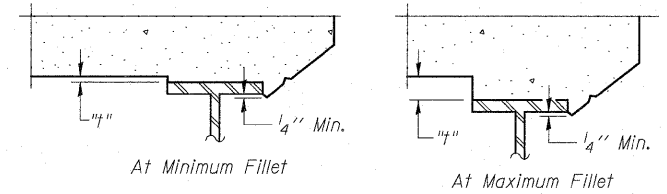
DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only w/o FWS)

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 in this sheet and on Sheets S6 thru S9 of S34



AT SIDEWALK



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 this Sheet and Sheets S6 thru S9, and minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abutment	91+01.51	-33.67	647.75	647.75
⊙ Brg. W. Abutment	91+03.30	-33.67	647.76	647.76
A	91+13.30	-33.67	647.81	647.82
B	91+23.30	-33.67	647.85	647.87
C	91+33.30	-33.67	647.89	647.90
⊙ Pier 1	91+46.51	-33.67	647.94	647.94
D	91+56.51	-33.67	647.97	647.98
E	91+66.51	-33.67	648.00	648.01
F	91+76.51	-33.67	648.02	648.03
G	91+86.51	-33.67	648.04	648.05
⊙ Pier 2	91+98.76	-33.67	648.06	648.06
H	92+08.76	-33.67	648.07	648.08
I	92+18.76	-33.67	648.08	648.11
J	92+28.76	-33.67	648.08	648.12
K	92+38.76	-33.67	648.07	648.11
L	92+48.76	-33.67	648.07	648.08
⊙ Pier 3	92+60.76	-33.67	648.05	648.05
M	92+70.76	-33.67	648.04	648.04
N	92+80.76	-33.67	648.02	648.03
O	92+90.76	-33.67	647.99	648.00
P	93+00.76	-33.67	647.97	647.97
⊙ Pier 4	93+13.01	-33.67	647.93	647.93
Q	93+23.01	-33.67	647.89	647.89
R	93+33.01	-33.67	647.85	647.86
S	93+43.01	-33.67	647.80	647.81
⊙ Brg. E. Abutment	93+56.22	-33.67	647.73	647.73
Bk. E. Abutment	93+58.01	-33.67	647.72	647.72

TOP OF DECK PLAN
DEAD LOAD DEFLECTION DIAGRAM AND ELEVATIONS
STRUCTURE NO. 016-0519

DESIGNED	JPM
CHECKED	TG
DRAWN	MPS
CHECKED	JPM, TG



180 S. WACKER DRIVE SUITE 700 CHICAGO IL 60606 P.312-606-8110 F.312-606-8415

SHEET NO. S5	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1548	461 (VB&VF) I	COOK	52	17
S34 SHEETS			CONTRACT NO. 60H65		
DATE: 06-22-2010		ILLINOIS FED. AID PROJECT			