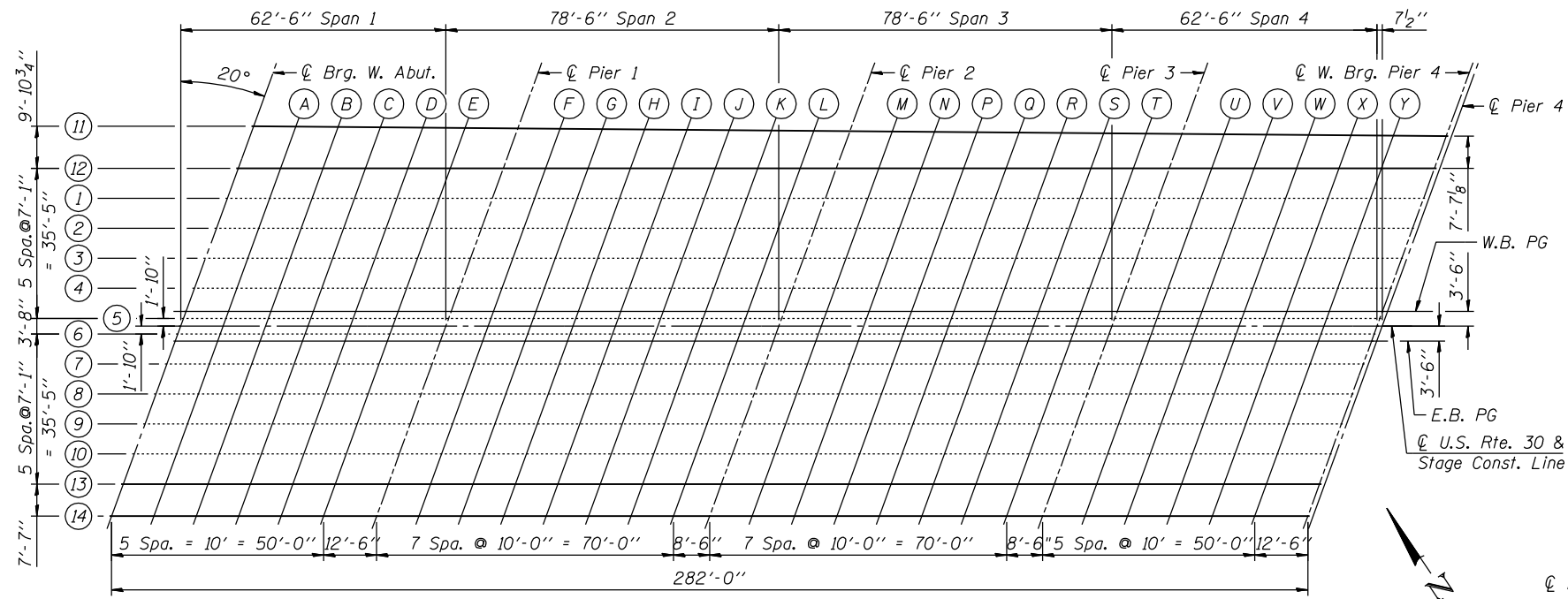


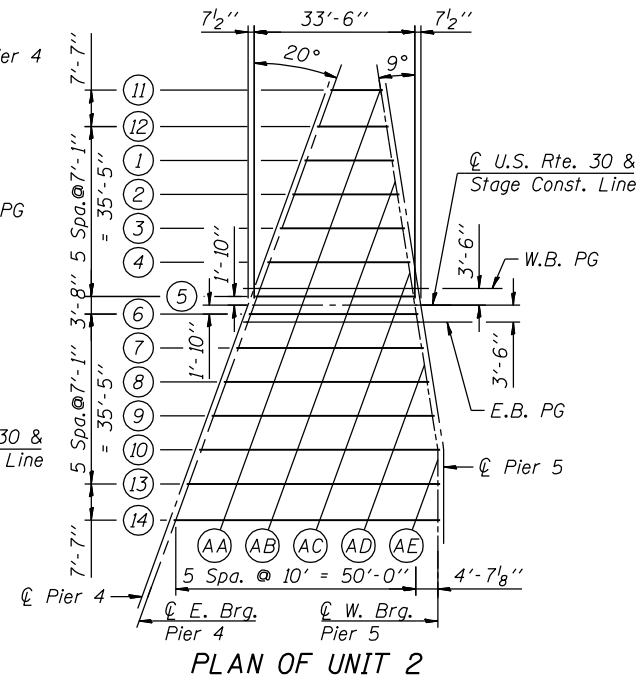
* New Beam
** Exist. Beam

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 S10 thru S23.



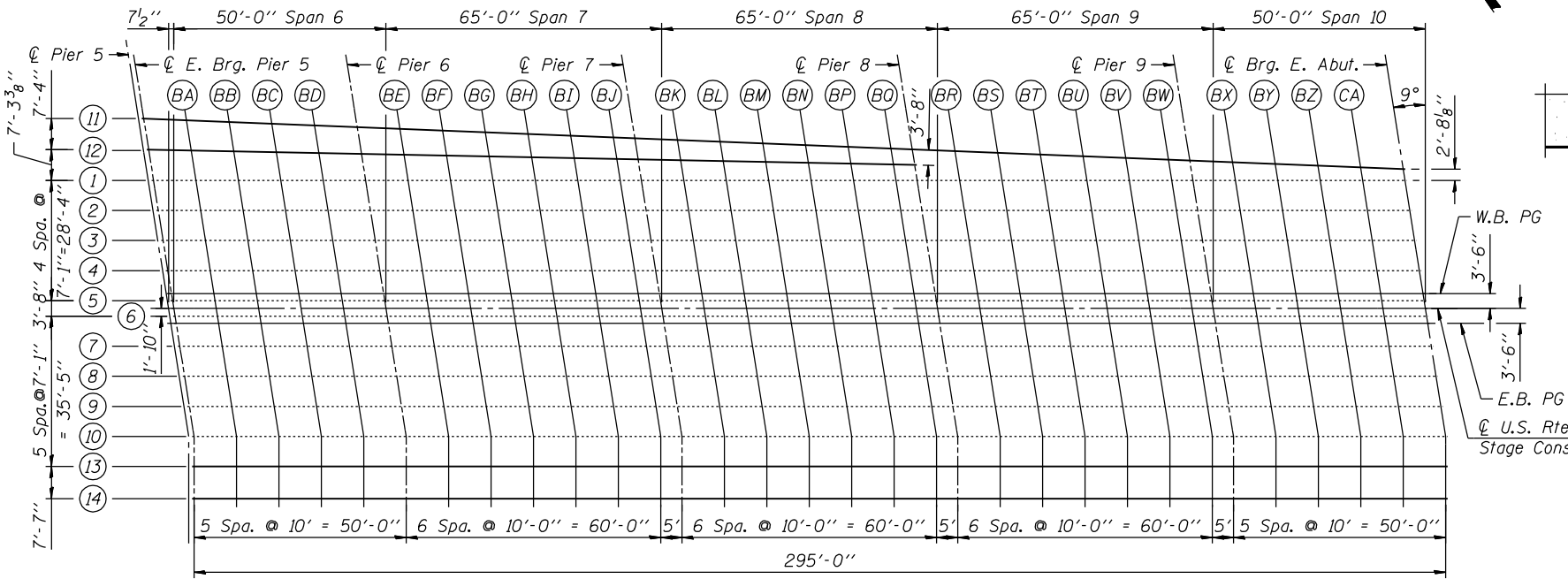
PLAN OF UNIT 1



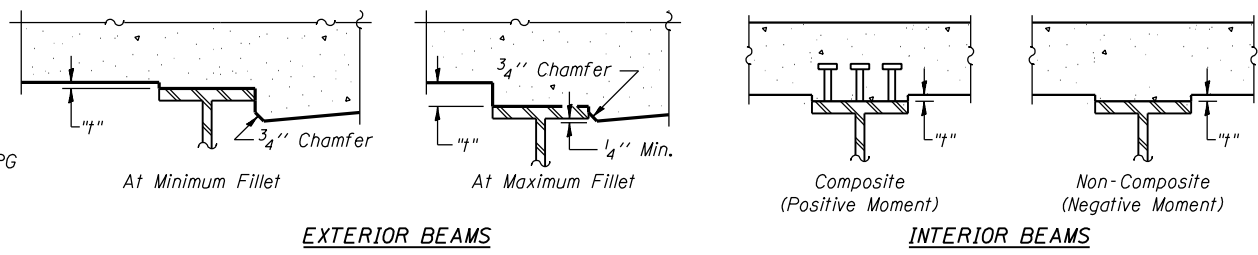
PLAN OF UNIT 2

DEAD LOAD DEFLECTION - UNIT #2

Beams	a	b	C	L
11	0	0	2'-6 1/4"	10'-1"
12	0	0	3'-6 1/8"	14'-0 1/2"
1	0	0	4'-5 1/4"	17'-8 7/8"
2	0	0	5'-4 3/8"	21'-5 1/4"
3	1/16"	0	6'-3 1/2"	25'-1 3/4"
4	1/16"	1/16"	7'-2 1/2"	28'-10 3/8"
5	1/8"	1/16"	8'-1 5/8"	32'-6 1/2"
6	1/8"	1/8"	8'-7 3/8"	34'-5 1/2"
7	1/4"	1/8"	9'-6 1/2"	38'-1 7/8"
8	3/8"	1/4"	10'-5 5/8"	41'-10 3/8"
9	1/2"	3/8"	11'-4 5/8"	45'-6 5/8"
10	5/8"	1/2"	12'-3 3/4"	49'-3 1/8"
13	7/8"	5/8"	12'-11 1/2"	51'-10"
14	1"	3/4"	13'-7 3/4"	54'-7 1/8"



PLAN OF UNIT 3



To determine "f": 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 S10 thru S23, minus slab thickness, equals the fillet heights "f" above top flange of beams.

FILLET HEIGHTS

P:\105200\20103003\cadd\structural\045-0039_fina\00.D160133-e009-tod-elev-11.dgn
 6/14/2012 6:04:51PM

USER NAME =	DESIGNED - E.E.J. 6/15/2012	REVISED -
	CHECKED - J.Z. 6/15/2012	REVISED -
PLOT SCALE =	DRAWN - E.E.J. 6/15/2012	REVISED -
PLOT DATE =	CHECKED - J.Z. 6/15/2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	230
CONTRACT NO. 60133				
ILLINOIS FED. AID PROJECT				