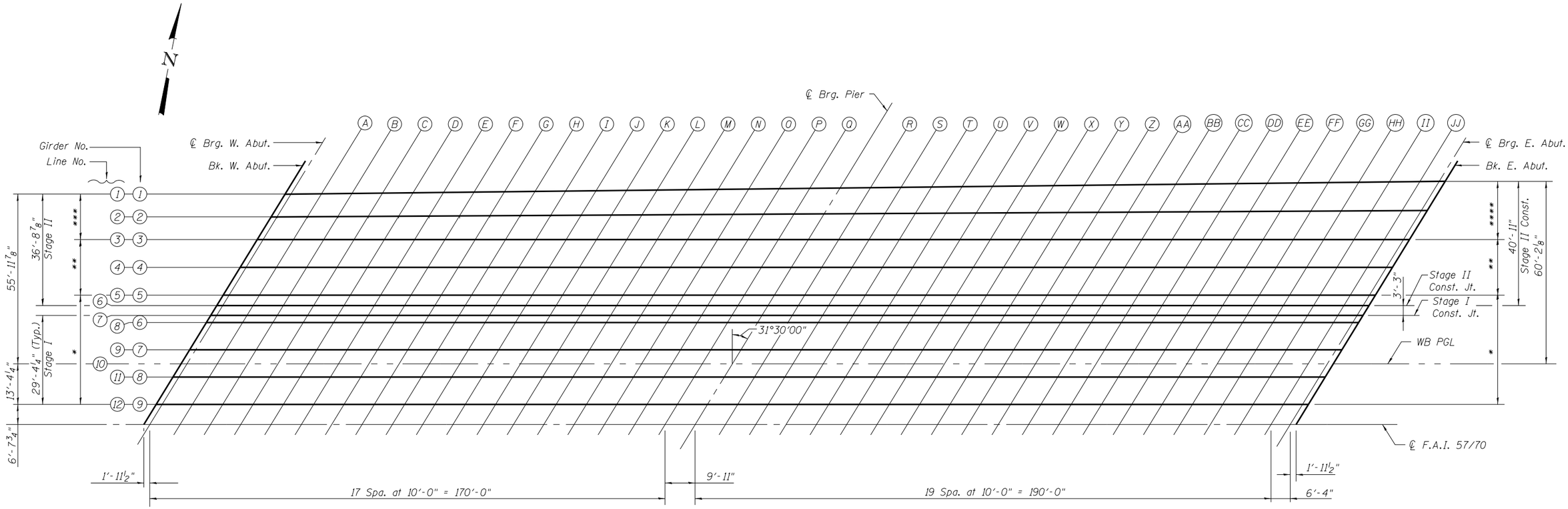
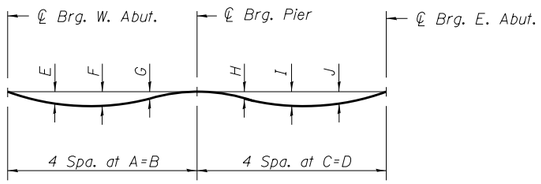


LAYOUT PLAN FOR DECK ELEVATIONS

Girder spaces taken at ℄ Bridge
*4 spaces at 9'-0" = 36'-0"
**2 spaces at 9'-2" = 18'-4"
***2 spaces at 7'-6" = 15'-0"
****2 spaces at 9'-7 1/8" = 19'-2 1/4"



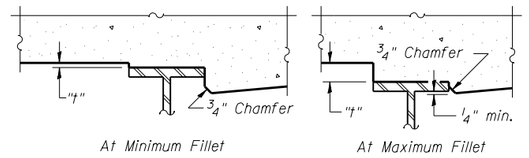
DEAD LOAD DEFLECTION DIAGRAM

(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 on sheets 8 thru 11 of 79.

DEAD LOAD DEFLECTION TABLE

	A	B	C	D	E	F	G	H	I	J
Girder 1	45'-3 7/16"	181'-1 7/8"	49'-5 1/16"	197'-8 1/4"	2 3/8"	2 3/8"	0 5/8"	2 1/2"	5 3/8"	4 3/8"
Girder 2	45'-1 5/8"	180'-6 1/2"	49'-3"	197'-0"	2 3/8"	2 3/8"	0 5/8"	2 1/2"	5 3/8"	4 3/8"
Girder 3	44'-11 3/4"	179'-11"	49'-1"	196'-4"	2 5/8"	2 3/4"	0 3/4"	2 1/4"	5 1/8"	4 1/4"
Girder 4	44'-11 3/4"	179'-11"	49'-1"	196'-4"	2 7/8"	3"	1"	2 1/8"	5"	4 1/8"
Girder 5-9	44'-11 3/4"	179'-11"	49'-1"	196'-4"	2 7/8"	3"	1"	2 1/8"	4 7/8"	4 1/8"



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding", shown on sheets 8 thru 11 of 79 minus slab thickness prior to grinding, equals the fillet heights "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". For grinding the deck, see Special Provisions.

FILLET HEIGHTS

FILE NAME = 0250III-74295-007-Top Slab Elevations.dgn	USER NAME = bbovee	DESIGNED - BB	REVISED	
BERNARDIN · LOCHMUELLER & ASSOCIATES, INC. 3 OAK DRIVE MARYVILLE, ILLINOIS 62062 PHONE (618) 288-4666 FAX (618) 288-4666	Illinois Design Firm Number 184.001670	CHECKED - ACS	REVISED	
	PLOT SCALE =	DRAWN - WJS	REVISED	
	PLOT DATE = 3:25:21 PM 8/14/2013	CHECKED - CJF	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS (WB)
STRUCTURE NO. 025-0111
SHEET NO. 7 OF 79 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4HVB-1)BY	EFFINGHAM	1760	542
		CONTRACT NO. 74295		
	ILLINOIS FED. AID PROJECT			