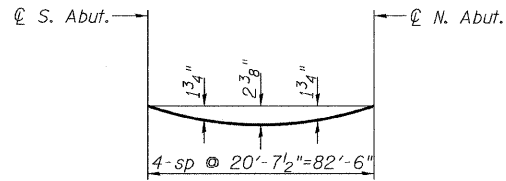


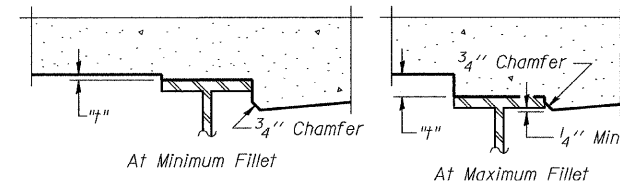
**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	-18.33	425.91	425.91
CL S. Abut	138+68.75	-18.33	425.92	425.92
A	138+78.75	-18.33	425.94	426.01
B	138+88.75	-18.33	425.95	426.08
C	138+98.75	-18.33	425.95	426.13
D	139+08.75	-18.33	425.96	426.15
E	139+18.75	-18.33	425.95	426.14
F	139+28.75	-18.33	425.94	426.09
G	139+38.75	-18.33	425.92	426.01
CL N. Abut	139+51.25	-18.33	425.89	425.89
Bk. Of N. Abut	139+52.50	-18.33	425.89	425.89



**DEAD LOAD DEFLECTION DIAGRAM**

Note: (Includes weight of concrete only.)  
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.



**FILLET HEIGHTS**

To determine "h": 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 below, minus slab thickness, equals the fillet heights "h" above top flange of beams.

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	-11.00	426.06	426.06
CL S. Abut	138+68.75	-11.00	426.06	426.06
A	138+78.75	-11.00	426.08	426.16
B	138+88.75	-11.00	426.10	426.23
C	138+98.75	-11.00	426.10	426.28
D	139+08.75	-11.00	426.10	426.30
E	139+18.75	-11.00	426.10	426.28
F	139+28.75	-11.00	426.09	426.23
G	139+38.75	-11.00	426.07	426.16
CL N. Abut	139+51.25	-11.00	426.04	426.04
Bk. Of N. Abut	139+52.50	-11.00	426.04	426.04

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	-3.67	426.18	426.18
CL S. Abut	138+68.75	-3.67	426.18	426.18
A	138+78.75	-3.67	426.20	426.27
B	138+88.75	-3.67	426.21	426.34
C	138+98.75	-3.67	426.22	426.39
D	139+08.75	-3.67	426.22	426.41
E	139+18.75	-3.67	426.21	426.40
F	139+28.75	-3.67	426.20	426.35
G	139+38.75	-3.67	426.18	426.27
CL N. Abut	139+51.25	-3.67	426.15	426.15
Bk. Of N. Abut	139+52.50	-3.67	426.15	426.15

**ROADWAY, PG AND STAGE CONSTRUCTION LINE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	0.0	426.23	426.23
CL S. Abut	138+68.75	0.0	426.24	426.24
A	138+78.75	0.0	426.25	426.27
B	138+88.75	0.0	426.27	426.30
C	138+98.75	0.0	426.27	426.36
D	139+08.75	0.0	426.27	426.47
E	139+18.75	0.0	426.27	426.40
F	139+28.75	0.0	426.26	426.36
G	139+38.75	0.0	426.24	426.31
CL N. Abut	139+51.25	0.0	426.21	426.21
Bk. Of N. Abut	139+52.50	0.0	426.21	426.21

**BEAM 4**

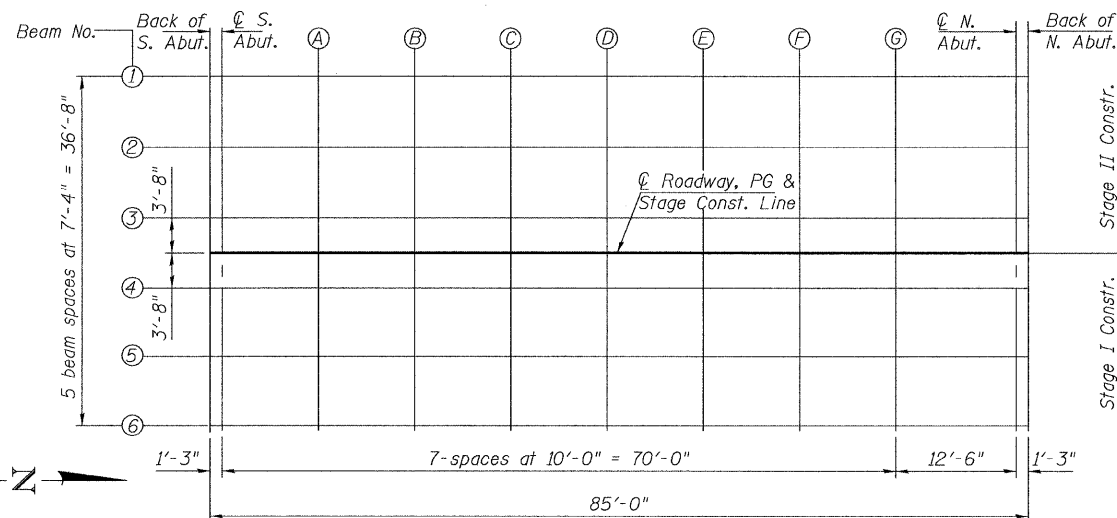
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	3.67	426.18	426.18
CL S. Abut	138+68.75	3.67	426.18	426.18
A	138+78.75	3.67	426.20	426.27
B	138+88.75	3.67	426.21	426.34
C	138+98.75	3.67	426.22	426.39
D	139+08.75	3.67	426.22	426.41
E	139+18.75	3.67	426.21	426.40
F	139+28.75	3.67	426.20	426.35
G	139+38.75	3.67	426.18	426.27
CL N. Abut	139+51.25	3.67	426.15	426.15
Bk. Of N. Abut	139+52.50	3.67	426.15	426.15

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	11.00	426.06	426.06
CL S. Abut	138+68.75	11.00	426.06	426.06
A	138+78.75	11.00	426.08	426.16
B	138+88.75	11.00	426.10	426.23
C	138+98.75	11.00	426.10	426.28
D	139+08.75	11.00	426.10	426.30
E	139+18.75	11.00	426.10	426.28
F	139+28.75	11.00	426.09	426.23
G	139+38.75	11.00	426.07	426.16
CL N. Abut	139+51.25	11.00	426.04	426.04
Bk. Of N. Abut	139+52.50	11.00	426.04	426.04

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk of S. Abut	138+67.50	18.33	425.91	425.91
CL S. Abut	138+68.75	18.33	425.92	425.92
A	138+78.75	18.33	425.94	426.01
B	138+88.75	18.33	425.95	426.08
C	138+98.75	18.33	425.95	426.13
D	139+08.75	18.33	425.96	426.15
E	139+18.75	18.33	425.95	426.14
F	139+28.75	18.33	425.94	426.09
G	139+38.75	18.33	425.92	426.01
CL N. Abut	139+51.25	18.33	425.89	425.89
Bk. Of N. Abut	139+52.50	18.33	425.89	425.89



**PLAN**

**TOP OF SLAB ELEVATIONS**  
**U.S. ROUTE 45 OVER MARTIN CREEK**  
**F.A.P. RT. 328 SEC. (9BR1-10BR1) B-1**  
**WAYNE COUNTY**  
**STATION 139+10.00**  
**STRUCTURE NO. 096-0069**

<b>COOMBE-BLOXDORF P.C.</b> Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	PROJECT NO. 07053-8 SCALE DATE 8/05/08 DRAWN BY TFG CHECKED BY CME/RM/MCB	SHEET NO. 5 17 SHEETS	F.A.P. RTE. 328 SECTION (9BR1-10BR1) B-1 COUNTY WAYNE TOTAL SHEETS 67 SHEET NO. 28	CONTRACT NO. 74214 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
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PLOT DATE = 08/06/2008  
 FILE NAME = 096-0069-side-elevations.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = TFG