

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	119R-2-1-1	McHenry	13	6
FED. ROAD DIST.		ILLINOIS	FED. AID PROJECT	

SHEET NO. 4 OF 11 SHEETS

Contract #60D58  
 @ IL RTE. 176, P.G.L.,  
 LONG. BONDED CONSTR. JOINT &  
 STAGE CONSTR. JT.

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	-18.333	838.68	838.68
C.L. Brg. W. Abut.	9+63.92	-18.333	838.69	838.69
A	9+73.92	-18.333	838.71	838.75
B	9+83.92	-18.333	838.72	838.82
C	9+93.92	-18.333	838.73	838.86
D	10+03.92	-18.333	838.73	838.87
E	10+13.92	-18.333	838.72	838.85
F	10+23.92	-18.333	838.71	838.79
C.L. Brg. E. Abut.	10+36.08	-18.333	838.69	838.69
Back of E. Abut.	10+39.00	-18.333	838.68	838.68

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	-11.00	838.82	838.82
C.L. Brg. W. Abut.	9+63.92	-11.00	838.83	838.83
A	9+73.92	-11.00	838.85	838.89
B	9+83.92	-11.00	838.86	838.96
C	9+93.92	-11.00	838.87	839.00
D	10+03.92	-11.00	838.87	839.01
E	10+13.92	-11.00	838.87	839.00
F	10+23.92	-11.00	838.85	838.94
C.L. Brg. E. Abut.	10+36.08	-11.00	838.83	838.83
Back of E. Abut.	10+39.00	-11.00	838.82	838.82

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	-3.67	838.93	838.93
C.L. Brg. W. Abut.	9+63.92	-3.67	838.94	838.94
A	9+73.92	-3.67	838.96	839.00
B	9+83.92	-3.67	838.97	839.07
C	9+93.92	-3.67	838.98	839.11
D	10+03.92	-3.67	838.98	839.12
E	10+13.92	-3.67	838.98	839.11
F	10+23.92	-3.67	838.96	839.05
C.L. Brg. E. Abut.	10+36.08	-3.67	838.94	838.94
Back of E. Abut.	10+39.00	-3.67	838.93	838.93

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	0.00	838.99	838.99
C.L. Brg. W. Abut.	9+63.92	0.00	839.00	839.00
A	9+73.92	0.00	839.02	839.06
B	9+83.92	0.00	839.03	839.13
C	9+93.92	0.00	839.04	839.17
D	10+03.92	0.00	839.04	839.17
E	10+13.92	0.00	839.03	839.16
F	10+23.92	0.00	839.02	839.10
C.L. Brg. E. Abut.	10+36.08	0.00	839.00	839.00
Back of E. Abut.	10+39.00	0.00	838.99	838.99

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	3.67	838.93	838.93
C.L. Brg. W. Abut.	9+63.92	3.67	838.94	838.94
A	9+73.92	3.67	838.96	839.00
B	9+83.92	3.67	838.97	839.07
C	9+93.92	3.67	838.98	839.11
D	10+03.92	3.67	838.98	839.12
E	10+13.92	3.67	838.98	839.11
F	10+23.92	3.67	838.96	839.05
C.L. Brg. E. Abut.	10+36.08	3.67	838.94	838.94
Back of E. Abut.	10+39.00	3.67	838.93	838.93

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	11.00	838.82	838.82
C.L. Brg. W. Abut.	9+63.92	11.00	838.83	838.83
A	9+73.92	11.00	838.85	838.89
B	9+83.92	11.00	838.86	838.96
C	9+93.92	11.00	838.87	839.00
D	10+03.92	11.00	838.87	839.01
E	10+13.92	11.00	838.87	839.00
F	10+23.92	11.00	838.85	838.94
C.L. Brg. E. Abut.	10+36.08	11.00	838.83	838.83
Back of E. Abut.	10+39.00	11.00	838.82	838.82

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	9+61.00	18.33	838.68	838.68
C.L. Brg. W. Abut.	9+63.92	18.33	838.69	838.69
A	9+73.92	18.33	838.71	838.75
B	9+83.92	18.33	838.72	838.82
C	9+93.92	18.33	838.73	838.86
D	10+03.92	18.33	838.73	838.87
E	10+13.92	18.33	838.72	838.85
F	10+23.92	18.33	838.71	838.79
C.L. Brg. E. Abut.	10+36.08	18.33	838.69	838.69
Back of E. Abut.	10+39.00	18.33	838.68	838.68

FOR INFORMATION ONLY

TOP OF SLAB ELEVATIONS II  
 IL Route 176 over the Kishwaukee River  
 F.A.P. RTE 533, SECTION 119R-2-1-1  
 McHENRY COUNTY  
 STATION 10+00.00  
 S.N. 056-0078  
 DATE: 08-17-07  
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC  
 CHICAGO ILLINOIS

DESIGNED	J.Z.
CHECKED	S.D.H.
DRAWN	M.S.M.
CHECKED	S.D.H.

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