

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	119R-2B	McHenry	64	20
FED. ROAD DIST.		FED. AID PROJECT-		

SHEET NO. 6 OF 21 SHEETS

Contract #62336

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

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

TOP OF SLAB ELEVATIONS II
IL Route 176 over the Kishwaukee River
F.A.P. RTE 533, SECTION 119R-2B
McHENRY COUNTY
STATION 10+00.00
S.N. 056-0078
DATE: 10-05-07
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC
CHICAGO ILLINOIS

D:\p082006\p082006.dgn 10/7/2007 10:32:34 AM

D:\p082006\p082006.dgn 10/7/2007 10:32:34 AM