

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM 1				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+62.36	40.33	700.28	700.28
CL Brg at W. Abut.	99+65.20	40.33	700.30	700.30
A	99+75.20	40.33	700.37	700.41
B	99+85.20	40.33	700.43	700.50
C	99+95.20	40.33	700.48	700.55
D	100+05.20	40.33	700.51	700.57
E	100+15.20	40.33	700.52	700.55
CL Brg at E. Abut.	100+22.03	40.33	700.52	700.52
Bk. of E. Abut.	100+24.86	40.33	700.52	700.52

BEAM 2				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+63.52	33.00	700.43	700.43
CL Brg at W. Abut.	99+66.36	33.00	700.46	700.46
A	99+76.36	33.00	700.53	700.57
B	99+86.36	33.00	700.59	700.65
C	99+96.36	33.00	700.63	700.71
D	100+06.36	33.00	700.66	700.72
E	100+16.36	33.00	700.67	700.70
CL Brg at E. Abut.	100+23.19	33.00	700.67	700.67
Bk. of E. Abut.	100+26.02	33.00	700.67	700.67

BEAM 3				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+64.68	25.67	700.59	700.59
CL Brg at W. Abut.	99+67.52	25.67	700.61	700.61
A	99+77.52	25.67	700.68	700.72
B	99+87.52	25.67	700.74	700.81
C	99+97.52	25.67	700.78	700.86
D	100+07.52	25.67	700.80	700.87
E	100+17.52	25.67	700.82	700.85
CL Brg at E. Abut.	100+24.35	25.67	700.81	700.81
Bk. of E. Abut.	100+27.18	25.67	700.81	700.81

BEAM 4				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+65.85	18.33	700.75	700.75
CL Brg at W. Abut.	99+68.68	18.33	700.77	700.77
A	99+78.68	18.33	700.84	700.88
B	99+88.68	18.33	700.89	700.96
C	99+98.68	18.33	700.93	701.01
D	100+08.68	18.33	700.95	701.02
E	100+18.68	18.33	700.96	700.99
CL Brg at E. Abut.	100+25.51	18.33	700.96	700.96
Bk. of E. Abut.	100+28.35	18.33	700.96	700.96

BEAM 5				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+67.01	11.00	700.90	700.90
CL Brg at W. Abut.	99+69.84	11.00	700.92	700.92
A	99+79.84	11.00	700.99	701.03
B	99+89.84	11.00	701.04	701.11
C	99+99.84	11.00	701.08	701.16
D	100+09.84	11.00	701.10	701.17
E	100+19.84	11.00	701.11	701.14
CL Brg at E. Abut.	100+26.67	11.00	701.11	701.11
Bk. of E. Abut.	100+29.51	11.00	701.10	701.10

BEAM 6				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+68.17	3.67	701.06	701.06
CL Brg at W. Abut.	99+71.00	3.67	701.08	701.08
A	99+81.00	3.67	701.14	701.19
B	99+91.00	3.67	701.19	701.26
C	100+01.00	3.67	701.23	701.31
D	100+11.00	3.67	701.25	701.31
E	100+21.00	3.67	701.26	701.29
CL Brg at E. Abut.	100+27.84	3.67	701.25	701.25
Bk. of E. Abut.	100+30.67	3.67	701.25	701.25

CL Roadway & PGL				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+68.75	0.00	701.13	701.13
CL Brg at W. Abut.	99+71.58	0.00	701.16	701.16
A	99+81.58	0.00	701.22	701.26
B	99+91.58	0.00	701.27	701.34
C	100+01.58	0.00	701.30	701.38
D	100+11.58	0.00	701.32	701.39
E	100+21.58	0.00	701.33	701.36
CL Brg at E. Abut.	100+28.42	0.00	701.32	701.32
Bk. of E. Abut.	100+31.25	0.00	701.32	701.32

Stage Construction Line				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+69.04	1.83	701.10	701.10
CL Brg at W. Abut.	99+71.87	1.83	701.12	701.12
A	99+81.87	1.83	701.19	701.23
B	99+91.87	1.83	701.23	701.30
C	100+01.87	1.83	701.27	701.35
D	100+11.87	1.83	701.29	701.35
E	100+21.87	1.83	701.29	701.32
CL Brg at E. Abut.	100+28.71	1.83	701.29	701.29
Bk. of E. Abut.	100+31.54	1.83	701.29	701.29

BEAM 7				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+69.33	3.67	701.07	701.07
CL Brg at W. Abut.	99+72.16	3.67	701.09	701.09
A	99+82.16	3.67	701.15	701.19
B	99+92.16	3.67	701.20	701.27
C	100+02.16	3.67	701.23	701.31
D	100+12.16	3.67	701.25	701.32
E	100+22.16	3.67	701.26	701.29
CL Brg at E. Abut.	100+29.00	3.67	701.25	701.25
Bk. of E. Abut.	100+31.83	3.67	701.25	701.25

BEAM 8				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+70.49	11.00	700.93	700.93
CL Brg at W. Abut.	99+73.33	11.00	700.95	700.95
A	99+83.33	11.00	701.01	701.05
B	99+93.33	11.00	701.06	701.13
C	100+03.33	11.00	701.09	701.17
D	100+13.33	11.00	701.11	701.17
E	100+23.33	11.00	701.11	701.14
CL Brg at E. Abut.	100+30.16	11.00	701.10	701.10
Bk. of E. Abut.	100+32.99	11.00	701.10	701.10

BEAM 9				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+71.65	18.33	700.79	700.79
CL Brg at W. Abut.	99+74.49	18.33	700.81	700.81
A	99+84.49	18.33	700.87	700.91
B	99+94.49	18.33	700.91	700.98
C	100+04.49	18.33	700.95	701.02
D	100+14.49	18.33	700.96	701.02
E	100+24.49	18.33	700.96	700.99
CL Brg at E. Abut.	100+31.32	18.33	700.95	700.95
Bk. of E. Abut.	100+34.15	18.33	700.95	700.95

BEAM 10				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+72.82	25.67	700.65	700.65
CL Brg at W. Abut.	99+75.65	25.67	700.67	700.67
A	99+85.65	25.67	700.73	700.77
B	99+95.65	25.67	700.77	700.84
C	100+05.65	25.67	700.80	700.88
D	100+15.65	25.67	700.81	700.88
E	100+25.65	25.67	700.81	700.84
CL Brg at E. Abut.	100+32.48	25.67	700.80	700.80
Bk. of E. Abut.	100+35.32	25.67	700.80	700.80

BEAM 11				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+73.98	33.00	700.51	700.51
CL Brg at W. Abut.	99+76.81	33.00	700.53	700.53
A	99+86.81	33.00	700.59	700.63
B	99+96.81	33.00	700.63	700.70
C	100+06.81	33.00	700.66	700.73
D	100+16.81	33.00	700.67	700.73
E	100+26.81	33.00	700.67	700.70
CL Brg at E. Abut.	100+33.64	33.00	700.66	700.66
Bk. of E. Abut.	100+36.48	33.00	700.65	700.65

BEAM 12				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. of W. Abut.	99+75.14	40.33	700.37	700.37
CL Brg at W. Abut.	99+77.97	40.33	700.39	700.39
A	99+87.97	40.33	700.45	700.49
B	99+97.97	40.33	700.49	700.55
C	100+07.97	40.33	700.51	700.59
D	100+17.97	40.33	700.52	700.58
E	100+27.97	40.33	700.52	700.55
CL Brg at E. Abut.	100+34.80	40.33	700.51	700.51
Bk. of E. Abut.	100+37.64	40.33	700.50	700.50

DESIGNED MAH  
CHECKED JMH  
DRAWN DR  
CHECKED JMH

(Sheet 2 of 2)  
TOP OF DECK ELEVATIONS  
STRUCTURE NO. 016-0581

**COLLINS ENGINEERS**  
123 N. WACKER DR., SUITE 300 CHICAGO, IL 60606 (312) 704-9300  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000993

SHEET NO. 55 OF 527 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	339	116-Y-2-BR-1	COOK	74	27
			CONTRACT NO. 60J00		
ILLINOIS FED. AID PROJECT					