

**STAGE CONSTRUCTION LINE &  
LONGITUDINAL BONDED CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	118+79.62	2.000	641.84	641.84
☉ Brg. W. Abut.	118+82.62	2.000	641.80	641.80
A	118+92.62	2.000	641.67	641.72
B	119+02.62	2.000	641.54	641.63
C	119+12.62	2.000	641.41	641.51
D	119+22.62	2.000	641.28	641.37
E	119+32.62	2.000	641.15	641.21
F	119+42.62	2.000	641.02	641.05
☉ Brg. Pier 1	119+56.08	2.000	640.84	640.84
G	119+66.08	2.000	640.71	640.73
H	119+76.08	2.000	640.58	640.63
I	119+86.08	2.000	640.45	640.54
J	119+96.08	2.000	640.32	640.42
K	120+06.08	2.000	640.19	640.29
L	120+16.08	2.000	640.06	640.13
☉ Brg. E. Abut.	120+29.3	2.000	639.89	639.89
Bk. E. Abut.	120+32.3	2.000	639.85	639.85

**BEAM 6E**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	118+79.62	7.833	641.75	641.75
☉ Brg. W. Abut.	118+82.62	7.833	641.71	641.71
A	118+92.62	7.833	641.58	641.63
B	119+02.62	7.833	641.45	641.54
C	119+12.62	7.833	641.32	641.42
D	119+22.62	7.833	641.19	641.28
E	119+32.62	7.833	641.06	641.12
F	119+42.62	7.833	640.93	640.96
☉ Brg. Pier 1	119+56.08	7.833	640.75	640.75
G	119+66.08	7.833	640.62	640.64
H	119+76.08	7.833	640.49	640.54
I	119+86.08	7.833	640.36	640.45
J	119+96.08	7.833	640.23	640.33
K	120+06.08	7.833	640.10	640.20
L	120+16.08	7.833	639.97	640.04
☉ Brg. E. Abut.	120+29.3	7.833	639.80	639.80
Bk. E. Abut.	120+32.3	7.833	639.76	639.76

**BEAM 7E**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	118+79.62	15.417	641.62	641.62
☉ Brg. W. Abut.	118+82.62	15.417	641.58	641.58
A	118+92.62	15.417	641.45	641.50
B	119+02.62	15.417	641.32	641.41
C	119+12.62	15.417	641.19	641.29
D	119+22.62	15.417	641.06	641.15
E	119+32.62	15.417	640.93	641.00
F	119+42.62	15.417	640.80	640.83
☉ Brg. Pier 1	119+56.08	15.417	640.63	640.63
G	119+66.08	15.417	640.50	640.51
H	119+76.08	15.417	640.37	640.42
I	119+86.08	15.417	640.24	640.32
J	119+96.08	15.417	640.11	640.21
K	120+06.08	15.417	639.98	640.07
L	120+16.08	15.417	639.85	639.91
☉ Brg. E. Abut.	120+29.3	15.417	639.68	639.68
Bk. E. Abut.	120+32.3	15.417	639.64	639.64

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

SMITH ENGINEERING CONSULTANTS, INC. CIVIL ENGINEERS, ARCHITECTS AND SURVEYORS www.smithengr.com 11411 Woodlawn Ave. Chicago, IL 60622	
REVISIONS	
NAME	DATE

CITY OF AURORA

TOP OF DECK ELEVATIONS (4 of 5)  
ILLINOIS AVENUE  
OVER THE FOX RIVER  
SECTION NO. 03-00247-00-BR  
KANE COUNTY  
STRUCTURE NO. 045-6008

DATE 7-28-2006

COMPANY NAME, SIZE, INC. PROJECT NO. 03-00247-00-BR  
 CLIENT ILLINOIS STATE DEPARTMENT OF TRANSPORTATION  
 PROJECT LOCATION ILLINOIS STATE DEPARTMENT OF TRANSPORTATION  
 DRAWN BY WJH  
 CHECKED BY NRF  
 DATE 7-28-2006