

BEAM 4W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	-7.330	639.80	639.80
⊙ Brg. W. Abut.	113+39.22	-7.330	639.84	639.84
A	113+49.22	-7.330	639.95	640.02
B	113+59.22	-7.330	640.07	640.18
C	113+69.22	-7.330	640.19	640.32
D	113+79.22	-7.330	640.31	640.43
E	113+89.22	-7.330	640.43	640.52
F	113+99.22	-7.330	640.54	640.59
⊙ Brg. Pier 1	114+13.47	-7.330	640.71	640.71
G	114+23.47	-7.330	640.83	640.83
H	114+33.47	-7.330	640.95	640.97
I	114+43.47	-7.330	641.07	641.10
J	114+53.47	-7.330	641.18	641.23
K	114+63.47	-7.330	641.30	641.34
L	114+73.47	-7.330	641.42	641.44
⊙ Brg. Pier 2	114+88.52	-7.330	641.60	641.60
M	114+98.52	-7.330	641.72	641.73
N	115+08.52	-7.330	641.83	641.85
O	115+18.52	-7.330	641.95	641.99
P	115+28.52	-7.330	642.07	642.11
Q	115+38.52	-7.330	642.18	642.21
R	115+48.52	-7.330	642.28	642.29
⊙ Brg. Pier 3	115+63.02	-7.330	642.42	642.42
S	115+73.02	-7.330	642.51	642.54
T	115+83.02	-7.330	642.59	642.67
U	115+93.02	-7.330	642.66	642.78
V	116+03.02	-7.330	642.73	642.86
W	116+13.02	-7.330	642.79	642.91
X	116+23.02	-7.330	642.84	642.92
⊙ Brg. E. Abut.	116+36.69	-7.330	642.90	642.90
Bk. E. Abut.	116+39.69	-7.330	642.91	642.91

PROFILE GRADE LINE, CENTERLINE & CROWN

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	0.000	639.91	639.91
⊙ Brg. W. Abut.	113+39.22	0.000	639.95	639.95
A	113+49.22	0.000	640.07	640.13
B	113+59.22	0.000	640.19	640.30
C	113+69.22	0.000	640.30	640.44
D	113+79.22	0.000	640.42	640.55
E	113+89.22	0.000	640.54	640.64
F	113+99.22	0.000	640.66	640.71
⊙ Brg. Pier 1	114+13.47	0.000	640.83	640.83
G	114+23.47	0.000	640.94	640.95
H	114+33.47	0.000	641.06	641.08
I	114+43.47	0.000	641.18	641.22
J	114+53.47	0.000	641.30	641.34
K	114+63.47	0.000	641.42	641.46
L	114+73.47	0.000	641.53	641.56
⊙ Brg. Pier 2	114+88.52	0.000	641.71	641.71
M	114+98.52	0.000	641.83	641.84
N	115+08.52	0.000	641.95	641.97
O	115+18.52	0.000	642.07	642.11
P	115+28.52	0.000	642.18	642.22
Q	115+38.52	0.000	642.29	642.32
R	115+48.52	0.000	642.40	642.41
⊙ Brg. Pier 3	115+63.02	0.000	642.54	642.54
S	115+73.02	0.000	642.62	642.66
T	115+83.02	0.000	642.71	642.78
U	115+93.02	0.000	642.78	642.89
V	116+03.02	0.000	642.84	642.97
W	116+13.02	0.000	642.90	643.02
X	116+23.02	0.000	642.96	643.04
⊙ Brg. E. Abut.	116+36.69	0.000	643.02	643.02
Bk. E. Abut.	116+39.69	0.000	643.03	643.03

BEAM 5W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	0.250	639.91	639.91
⊙ Brg. W. Abut.	113+39.22	0.250	639.95	639.95
A	113+49.22	0.250	640.06	640.13
B	113+59.22	0.250	640.18	640.29
C	113+69.22	0.250	640.30	640.43
D	113+79.22	0.250	640.42	640.54
E	113+89.22	0.250	640.54	640.63
F	113+99.22	0.250	640.65	640.71
⊙ Brg. Pier 1	114+13.47	0.250	640.82	640.82
G	114+23.47	0.250	640.94	640.94
H	114+33.47	0.250	641.06	641.08
I	114+43.47	0.250	641.18	641.21
J	114+53.47	0.250	641.29	641.34
K	114+63.47	0.250	641.41	641.45
L	114+73.47	0.250	641.53	641.55
⊙ Brg. Pier 2	114+88.52	0.250	641.71	641.71
M	114+98.52	0.250	641.83	641.84
N	115+08.52	0.250	641.94	641.96
O	115+18.52	0.250	642.06	642.10
P	115+28.52	0.250	642.18	642.22
Q	115+38.52	0.250	642.29	642.32
R	115+48.52	0.250	642.39	642.40
⊙ Brg. Pier 3	115+63.02	0.250	642.53	642.53
S	115+73.02	0.250	642.62	642.65
T	115+83.02	0.250	642.70	642.78
U	115+93.02	0.250	642.77	642.89
V	116+03.02	0.250	642.84	642.97
W	116+13.02	0.250	642.90	643.02
X	116+23.02	0.250	642.95	643.03
⊙ Brg. E. Abut.	116+36.69	0.250	643.01	643.01
Bk. E. Abut.	116+39.69	0.250	643.02	643.02

CONTRACT NO. 03-00247-00-BR
 PROJECT NO. 03-00247-00-BR
 SHEET NO. SW-30
 DATE: 7-28-2006

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

SMITH ENGINEERING CONSULTANTS, INC. CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS	
REVISIONS	
NAME	DATE

CITY OF AURORA

TOP OF DECK ELEVATIONS (3 of 5)
ILLINOIS AVENUE
OVER THE FOX RIVER
SECTION NO. 03-00247-00-BR
KANE COUNTY
STRUCTURE NO. 045-6009

DATE: 7-28-2006