

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1517	03-00247-00-BR	KANE	121	47
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. SW-6  
SW-30 SHEETS

CONTRACT #83867

**BEAM 1W**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	-30.083	639.36	639.36
⊙ Brg. W. Abut.	113+39.22	-30.083	639.40	639.40
A	113+49.22	-30.083	639.51	639.58
B	113+59.22	-30.083	639.63	639.74
C	113+69.22	-30.083	639.75	639.88
D	113+79.22	-30.083	639.87	639.99
E	113+89.22	-30.083	639.99	640.08
F	113+99.22	-30.083	640.10	640.16
⊙ Brg. Pier 1	114+13.47	-30.083	640.27	640.27
G	114+23.47	-30.083	640.39	640.39
H	114+33.47	-30.083	640.51	640.53
I	114+43.47	-30.083	640.63	640.66
J	114+53.47	-30.083	640.74	640.79
K	114+63.47	-30.083	640.86	640.90
L	114+73.47	-30.083	640.98	641.00
⊙ Brg. Pier 2	114+88.52	-30.083	641.16	641.16
M	114+98.52	-30.083	641.28	641.29
N	115+08.52	-30.083	641.39	641.42
O	115+18.52	-30.083	641.51	641.55
P	115+28.52	-30.083	641.63	641.67
Q	115+38.52	-30.083	641.74	641.77
R	115+48.52	-30.083	641.84	641.85
⊙ Brg. Pier 3	115+63.02	-30.083	641.98	641.98
S	115+73.02	-30.083	642.07	642.10
T	115+83.02	-30.083	642.15	642.23
U	115+93.02	-30.083	642.22	642.34
V	116+03.02	-30.083	642.29	642.42
W	116+13.02	-30.083	642.35	642.47
X	116+23.02	-30.083	642.40	642.48
⊙ Brg. E. Abut.	116+36.69	-30.083	642.46	642.46
Bk. E. Abut.	116+39.69	-30.083	642.47	642.47

**BEAM 2W**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	-22.500	639.52	639.52
⊙ Brg. W. Abut.	113+39.22	-22.500	639.55	639.55
A	113+49.22	-22.500	639.67	639.73
B	113+59.22	-22.500	639.79	639.90
C	113+69.22	-22.500	639.91	640.04
D	113+79.22	-22.500	640.03	640.15
E	113+89.22	-22.500	640.14	640.24
F	113+99.22	-22.500	640.26	640.31
⊙ Brg. Pier 1	114+13.47	-22.500	640.43	640.43
G	114+23.47	-22.500	640.55	640.55
H	114+33.47	-22.500	640.67	640.69
I	114+43.47	-22.500	640.78	640.82
J	114+53.47	-22.500	640.90	640.95
K	114+63.47	-22.500	641.02	641.06
L	114+73.47	-22.500	641.14	641.16
⊙ Brg. Pier 2	114+88.52	-22.500	641.32	641.32
M	114+98.52	-22.500	641.43	641.44
N	115+08.52	-22.500	641.55	641.57
O	115+18.52	-22.500	641.67	641.71
P	115+28.52	-22.500	641.79	641.83
Q	115+38.52	-22.500	641.90	641.93
R	115+48.52	-22.500	642.00	642.01
⊙ Brg. Pier 3	115+63.02	-22.500	642.14	642.14
S	115+73.02	-22.500	642.23	642.26
T	115+83.02	-22.500	642.31	642.38
U	115+93.02	-22.500	642.38	642.49
V	116+03.02	-22.500	642.45	642.58
W	116+13.02	-22.500	642.51	642.63
X	116+23.02	-22.500	642.56	642.64
⊙ Brg. E. Abut.	116+36.69	-22.500	642.62	642.62
Bk. E. Abut.	116+39.69	-22.500	642.63	642.63

**BEAM 3W**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	-14.917	639.68	639.68
⊙ Brg. W. Abut.	113+39.22	-14.917	639.71	639.71
A	113+49.22	-14.917	639.83	639.89
B	113+59.22	-14.917	639.95	640.06
C	113+69.22	-14.917	640.07	640.20
D	113+79.22	-14.917	640.18	640.31
E	113+89.22	-14.917	640.30	640.40
F	113+99.22	-14.917	640.42	640.47
⊙ Brg. Pier 1	114+13.47	-14.917	640.59	640.59
G	114+23.47	-14.917	640.71	640.71
H	114+33.47	-14.917	640.82	640.85
I	114+43.47	-14.917	640.94	640.98
J	114+53.47	-14.917	641.06	641.11
K	114+63.47	-14.917	641.18	641.22
L	114+73.47	-14.917	641.30	641.32
⊙ Brg. Pier 2	114+88.52	-14.917	641.47	641.47
M	114+98.52	-14.917	641.59	641.60
N	115+08.52	-14.917	641.71	641.73
O	115+18.52	-14.917	641.83	641.87
P	115+28.52	-14.917	641.94	641.98
Q	115+38.52	-14.917	642.06	642.08
R	115+48.52	-14.917	642.16	642.17
⊙ Brg. Pier 3	115+63.02	-14.917	642.30	642.30
S	115+73.02	-14.917	642.39	642.42
T	115+83.02	-14.917	642.47	642.54
U	115+93.02	-14.917	642.54	642.65
V	116+03.02	-14.917	642.61	642.74
W	116+13.02	-14.917	642.67	642.78
X	116+23.02	-14.917	642.72	642.80
⊙ Brg. E. Abut.	116+36.69	-14.917	642.78	642.78
Bk. E. Abut.	116+39.69	-14.917	642.79	642.79

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF



REVISIONS	
NAME	DATE

CITY OF AURORA

TOP OF DECK ELEVATIONS (2 of 5)  
ILLINOIS AVENUE  
OVER THE FOX RIVER  
SECTION NO. 03-00247-00-BR  
KANE COUNTY  
STRUCTURE NO. 045-6009

DATE 7-28-2006

DESIGN: AEU, RGD, WJH, NRF  
 PROJECT CONTACT: PROJECT CONTACT  
 DATE: 7/28/06  
 PROJECT NO: 03-00247-00-BR  
 SHEET NO: SW-30