ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1517	03-00247-00-BR	KANE	121	50
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

CONTRACT #83867

SHEET NO. SW-9
SW-30 SHEETS

BEAM 8W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	23.000	639.51	639.51
℄ Brg.W. Abut.	113+39.22	23.000	639.54	639.54
A	113+49.22	23.000	639.66	639.72
B	113+59.22	23.000	639.78	639.89
C	113+69.22	23.000	639.90	640.03
D	113+79.22	23.000	640.02	640.14
E	113+89.22	23.000	640.13	640.23
F	113+99.22	23.000	640.25	640.30
℄ Brg. Pier 1	114+13.47	23.000	640.42	640.42
G	114+23.47	23.000	640.54	640.54
H	114+33.47	23.000	640.66	640.68
I	114+43.47	23.000	640.77	640.81
J	114+53.47	23.000	640.89	640.94
K	114+63.47	23.000	641.01	641.05
L	114+73.47	23.000	641.13	641.15
℄ Brg. Pier 2	114+88.52	23.000	641.31	641.31
M	114+98.52	23.000	641.42	641.43
N	115+08.52	23.000	641.54	641.56
O	115+18.52	23.000	641.66	641.70
P	115+28.52	23.000	641.77	641.82
Q	115+38.52	23.000	641.89	641.92
R	115+48.52	23.000	641.99	642.00
℄ Brg. Pier 3	115+63.02	23.000	642.13	642.13
S	115+73.02	23.000	642.22	642.25
T	115+83.02	23.000	642.30	642.37
U	115+93.02	23.000	642.37	642.48
V	116+03.02	23.000	642.44	642.57
W	116+13.02	23.000	642.50	642.62
X	116+23.02	23.000	642.55	642.63
℄ Brg. E. Abut.	116+36.69	23.000	642.61	642.61
Bk. E. Abut.	116+39.69	23.000	642.62	642.62

BEAM 9W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	30.583	639.35	639.35
℄ Brg.W. Abut.	113+39.22	30.583	639.39	639.39
A	113+49.22	30.583	639.50	639.57
B	113+59.22	30.583	639.62	639.73
C	113+69.22	30.583	639.74	639.87
D	113+79.22	30.583	639.86	639.98
E	113+89.22	30.583	639.98	640.07
F	113+99.22	30.583	640.09	640.14
℄ Brg. Pier 1	114+13.47	30.583	640.26	640.26
G	114+23.47	30.583	640.38	640.38
H	114+33.47	30.583	640.50	640.52
I	114+43.47	30.583	640.62	640.65
J	114+53.47	30.583	640.73	640.78
K	114+63.47	30.583	640.85	640.89
L	114+73.47	30.583	640.97	640.99
℄ Brg. Pier 2	114+88.52	30.583	641.15	641.15
M	114+98.52	30.583	641.27	641.28
N	115+08.52	30.583	641.38	641.40
O	115+18.52	30.583	641.50	641.54
P	115+28.52	30.583	641.62	641.66
Q	115+38.52	30.583	641.73	641.76
R	115+48.52	30.583	641.83	641.84
℄ Brg. Pier 3	115+63.02	30.583	641.97	641.97
S	115+73.02	30.583	642.06	642.09
T	115+83.02	30.583	642.14	642.22
U	115+93.02	30.583	642.21	642.33
V	116+03.02	30.583	642.28	642.41
W	116+13.02	30.583	642.34	642.46
X	116+23.02	30.583	642.39	642.47
℄ Brg. E. Abut.	116+36.69	30.583	642.45	642.45
Bk. E. Abut.	116+39.69	30.583	642.46	642.46

BEAM 10W

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	113+36.22	38.167	639.19	639.19
℄ Brg.W. Abut.	113+39.22	38.167	639.23	639.23
A	113+49.22	38.167	639.35	639.41
B	113+59.22	38.167	639.46	639.57
C	113+69.22	38.167	639.58	639.71
D	113+79.22	38.167	639.70	639.83
E	113+89.22	38.167	639.82	639.91
F	113+99.22	38.167	639.94	639.99
℄ Brg. Pier 1	114+13.47	38.167	640.10	640.10
G	114+23.47	38.167	640.22	640.22
H	114+33.47	38.167	640.34	640.36
I	114+43.47	38.167	640.46	640.50
J	114+53.47	38.167	640.58	640.62
K	114+63.47	38.167	640.69	640.73
L	114+73.47	38.167	640.81	640.83
℄ Brg. Pier 2	114+88.52	38.167	640.99	640.99
M	114+98.52	38.167	641.11	641.12
N	115+08.52	38.167	641.23	641.25
O	115+18.52	38.167	641.34	641.39
P	115+28.52	38.167	641.46	641.50
Q	115+38.52	38.167	641.57	641.60
R	115+48.52	38.167	641.68	641.68
℄ Brg. Pier 3	115+63.02	38.167	641.82	641.82
S	115+73.02	38.167	641.90	641.93
T	115+83.02	38.167	641.98	642.06
U	115+93.02	38.167	642.06	642.17
V	116+03.02	38.167	642.12	642.25
W	116+13.02	38.167	642.18	642.30
X	116+23.02	38.167	642.23	642.31
℄ Brg. E. Abut.	116+36.69	38.167	642.29	642.29
Bk. E. Abut.	116+39.69	38.167	642.31	642.31

DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	NRF

SMITH ENGINEERING CONSULTANTS, INC.
CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
www.smithengineering.com
T: 847.11 mail@smithengineering.com

REVISIONS

NAME	DATE

CITY OF AURORA

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

DATE 7-28-2006

COMPANY NAME, ETC.(to
PROJECT CONTACT) #PROJECT CONTACT)
DATE PLOTTED: 8/2/2006
8/2/2006 14:19:19
K:\2006 work\1500\1500Illinois Avenue Bridge\city of aurora\bridge\drawings\1500bb1500-SW9-SW30.dgn