

12/14/2007 11:59:33 AM

pt:\02Files\020409\02-0409\028 wo 17 bridge plans\bridge plans\014-0077_05_TopSlabElevs.dgn

ROUTE NO. F.A.S. 1780	SECTION 27- 1BR-1	COUNTY CLINTON	TOTAL SHEETS 30	SHEET NO. 30	SHEET NO. 5 27 SHEETS
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT-		

Contract # 76961

**NORTH OPTIONAL
LONGITUDINAL CONSTRUCTION JOINT**

GIRDER #1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W. Abut.	7+28.43	-14.78	449.47	449.47
☉ W. Abut.	7+29.69	-14.78	449.49	449.49
A	7+39.69	-14.82	449.60	449.63
B	7+49.70	-14.86	449.71	449.76
C	7+59.70	-14.89	449.82	449.88
D	7+69.71	-14.92	449.92	449.97
E	7+79.72	-14.95	450.01	450.05
F	7+89.72	-14.97	450.09	450.11
☉ Brg. Pier #1	7+99.98	-14.98	450.17	450.17
G	8+09.99	-14.99	450.24	450.24
H	8+19.99	-15.00	450.31	450.31
I	8+30.00	-15.00	450.37	450.37
J	8+40.00	-15.00	450.42	450.42
K	8+50.00	-15.00	450.46	450.46
L	8+60.00	-15.00	450.50	450.50
☉ Brg. Pier #2	8+71.00	-15.00	450.54	450.54
M	8+81.00	-15.00	450.56	450.58
N	8+91.00	-15.00	450.58	450.62
O	9+01.00	-15.00	450.59	450.65
P	9+11.00	-15.00	450.60	450.67
Q	9+21.00	-15.00	450.60	450.67
R	9+31.00	-15.00	450.59	450.64
S	9+41.00	-15.00	450.58	450.61
T	9+51.00	-15.00	450.56	450.57
☉ Brg. Pier #3	9+58.00	-15.00	450.54	450.54
U	9+68.00	-15.00	450.51	450.51
V	9+78.00	-15.00	450.47	450.47
W	9+88.00	-15.00	450.42	450.42
X	9+98.00	-15.00	450.37	450.37
Y	10+08.00	-15.00	450.32	450.32
Z	10+18.00	-15.00	450.25	450.25
☉ Brg. Pier #4	10+29.00	-15.00	450.17	450.17
AI	10+39.00	-15.00	450.10	450.12
BI	10+49.00	-15.00	450.01	450.05
CI	10+59.00	-15.00	449.92	449.97
DI	10+69.00	-15.00	449.82	449.88
EI	10+79.00	-15.00	449.72	449.77
FI	10+89.00	-15.00	449.61	449.64
☉ E. Abut.	10+99.25	-15.00	449.49	449.49
Bk. E. Abut.	11+00.50	-15.00	449.47	449.47

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W. Abut.	7+28.45	-11.78	449.53	449.53
☉ W. Abut.	7+29.70	-11.78	449.55	449.55
A	7+39.70	-11.82	449.67	449.70
B	7+49.71	-11.86	449.78	449.83
C	7+59.71	-11.89	449.88	449.94
D	7+69.72	-11.92	449.98	450.03
E	7+79.72	-11.95	450.07	450.11
F	7+89.73	-11.97	450.15	450.17
☉ Brg. Pier #1	7+99.98	-11.98	450.23	450.23
G	8+09.99	-11.99	450.31	450.31
H	8+20.00	-12.00	450.37	450.37
I	8+30.00	-12.00	450.43	450.43
J	8+40.00	-12.00	450.48	450.48
K	8+50.00	-12.00	450.53	450.53
L	8+60.00	-12.00	450.56	450.56
☉ Brg. Pier #2	8+71.00	-12.00	450.60	450.60
M	8+81.00	-12.00	450.62	450.64
N	8+91.00	-12.00	450.64	450.68
O	9+01.00	-12.00	450.66	450.72
P	9+11.00	-12.00	450.66	450.73
Q	9+21.00	-12.00	450.66	450.73
R	9+31.00	-12.00	450.65	450.70
S	9+41.00	-12.00	450.64	450.67
T	9+51.00	-12.00	450.62	450.63
☉ Brg. Pier #3	9+58.00	-12.00	450.60	450.60
U	9+68.00	-12.00	450.57	450.57
V	9+78.00	-12.00	450.53	450.53
W	9+88.00	-12.00	450.49	450.49
X	9+98.00	-12.00	450.44	450.44
Y	10+08.00	-12.00	450.38	450.38
Z	10+18.00	-12.00	450.31	450.31
☉ Brg. Pier #4	10+29.00	-12.00	450.24	450.24
AI	10+39.00	-12.00	450.16	450.18
BI	10+49.00	-12.00	450.07	450.11
CI	10+59.00	-12.00	449.98	450.03
DI	10+69.00	-12.00	449.89	449.95
EI	10+79.00	-12.00	449.78	449.83
FI	10+89.00	-12.00	449.67	449.70
☉ E. Abut.	10+99.25	-12.00	449.55	449.55
Bk. E. Abut.	11+00.50	-12.00	449.54	449.54

GIRDER #2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W. Abut.	7+28.46	-8.86	449.58	449.58
☉ W. Abut.	7+29.71	-8.86	449.60	449.60
A	7+39.72	-8.91	449.71	449.74
B	7+49.72	-8.94	449.82	449.87
C	7+59.72	-8.98	449.93	449.99
D	7+69.73	-9.01	450.02	450.07
E	7+79.73	-9.03	450.12	450.16
F	7+89.73	-9.05	450.20	450.22
☉ Brg. Pier #1	7+99.99	-9.06	450.28	450.28
G	8+09.99	-9.08	450.35	450.35
H	8+20.00	-9.08	450.42	450.42
I	8+30.00	-9.08	450.47	450.47
J	8+40.00	-9.08	450.53	450.53
K	8+50.00	-9.08	450.57	450.57
L	8+60.00	-9.08	450.61	450.61
☉ Brg. Pier #2	8+71.00	-9.08	450.65	450.65
M	8+81.00	-9.08	450.67	450.69
N	8+91.00	-9.08	450.69	450.73
O	9+01.00	-9.08	450.70	450.76
P	9+11.00	-9.08	450.71	450.78
Q	9+21.00	-9.08	450.71	450.78
R	9+31.00	-9.08	450.70	450.75
S	9+41.00	-9.08	450.68	450.71
T	9+51.00	-9.08	450.66	450.67
☉ Brg. Pier #3	9+58.00	-9.08	450.65	450.65
U	9+68.00	-9.08	450.61	450.61
V	9+78.00	-9.08	450.58	450.58
W	9+88.00	-9.08	450.53	450.53
X	9+98.00	-9.08	450.48	450.48
Y	10+08.00	-9.08	450.42	450.42
Z	10+18.00	-9.08	450.36	450.36
☉ Brg. Pier #4	10+29.00	-9.08	450.28	450.28
AI	10+39.00	-9.08	450.20	450.22
BI	10+49.00	-9.08	450.12	450.16
CI	10+59.00	-9.08	450.03	450.08
DI	10+69.00	-9.08	449.93	449.99
EI	10+79.00	-9.08	449.83	449.88
FI	10+89.00	-9.08	449.72	449.75
☉ E. Abut.	10+99.25	-9.08	449.60	449.60
Bk. E. Abut.	11+00.50	-9.08	449.58	449.58

DESIGNED	ADL
CHECKED	WLW
DRAWN	KTH
CHECKED	WLW

**TOP OF SLAB ELEVATIONS
FAS RTE 1780 (OLD US 50) OVER
SUGAR CREEK
SECTION 27-1BR-1
CLINTON COUNTY
STATION 9+14.50
STRUCTURE NUMBER 014-0077**