

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 326	19BR	GRUNDY	68	26
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6  
27 SHEETS

Contract #66687

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	581+57.48	-3.33	588.00	588.00
☉ Brg. S. Abut.	581+62.25	-3.33	588.02	588.02
A	581+72.25	-3.33	588.05	588.11
B	581+82.25	-3.33	588.08	588.19
C	581+92.25	-3.33	588.10	588.24
D	582+02.25	-3.33	588.13	588.25
E	582+12.25	-3.33	588.15	588.24
F	582+22.25	-3.33	588.16	588.21
☉ Brg. Pier 1	582+33.42	-3.33	588.18	588.18
G	582+43.42	-3.33	588.18	588.17
H	582+53.42	-3.33	588.19	588.17
I	582+63.42	-3.33	588.19	588.17
J	582+73.42	-3.33	588.19	588.17
K	582+83.42	-3.33	588.19	588.17
☉ Brg. Pier 2	582+91.42	-3.33	588.18	588.18
L	583+01.42	-3.33	588.17	588.21
M	583+11.42	-3.33	588.16	588.25
N	583+21.42	-3.33	588.14	588.27
O	583+31.42	-3.33	588.12	588.25
P	583+41.42	-3.33	588.10	588.21
Q	583+51.42	-3.33	588.07	588.14
☉ Brg. N. Abut.	583+62.58	-3.33	588.04	588.04
Bk. N. Abut.	583+67.36	-3.33	588.02	588.02

**☉ ROADWAY & P.G.L.**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	581+60.81	0.00	588.06	588.06
☉ Brg. S. Abut.	581+65.58	0.00	588.08	588.08
A	581+75.58	0.00	588.11	588.18
B	581+85.58	0.00	588.14	588.25
C	581+95.58	0.00	588.16	588.30
D	582+05.58	0.00	588.19	588.31
E	582+15.58	0.00	588.20	588.30
F	582+25.58	0.00	588.22	588.27
☉ Brg. Pier 1	582+36.75	0.00	588.23	588.23
G	582+46.75	0.00	588.24	588.22
H	582+56.75	0.00	588.24	588.22
I	582+66.75	0.00	588.24	588.22
J	582+76.75	0.00	588.24	588.22
K	582+86.75	0.00	588.24	588.22
☉ Brg. Pier 2	582+94.75	0.00	588.23	588.23
L	583+04.75	0.00	588.22	588.26
M	583+14.75	0.00	588.20	588.29
N	583+24.75	0.00	588.19	588.31
O	583+34.75	0.00	588.16	588.30
P	583+44.75	0.00	588.14	588.26
Q	583+54.75	0.00	588.11	588.18
☉ Brg. N. Abut.	583+65.92	0.00	588.08	588.08
Bk. N. Abut.	583+70.69	0.00	588.06	588.06

**STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	581+61.81	1.00	588.05	588.05
☉ Brg. S. Abut.	581+66.58	1.00	588.07	588.07
A	581+76.58	1.00	588.10	588.16
B	581+86.58	1.00	588.13	588.24
C	581+96.58	1.00	588.15	588.28
D	582+06.58	1.00	588.17	588.30
E	582+16.58	1.00	588.19	588.28
F	582+26.58	1.00	588.20	588.25
☉ Brg. Pier 1	582+37.75	1.00	588.22	588.22
G	582+47.75	1.00	588.22	588.21
H	582+57.75	1.00	588.23	588.20
I	582+67.75	1.00	588.23	588.21
J	582+77.75	1.00	588.23	588.20
K	582+87.75	1.00	588.22	588.20
☉ Brg. Pier 2	582+95.75	1.00	588.21	588.21
L	583+05.75	1.00	588.20	588.24
M	583+15.75	1.00	588.19	588.28
N	583+25.75	1.00	588.17	588.29
O	583+35.75	1.00	588.15	588.28
P	583+45.75	1.00	588.12	588.24
Q	583+55.75	1.00	588.09	588.16
☉ Brg. N. Abut.	583+66.92	1.00	588.06	588.06
Bk. N. Abut.	583+71.69	1.00	588.04	588.04

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	581+64.14	3.33	588.02	588.02
☉ Brg. S. Abut.	581+68.92	3.33	588.04	588.04
A	581+78.92	3.33	588.07	588.13
B	581+88.92	3.33	588.10	588.21
C	581+98.92	3.33	588.12	588.25
D	582+08.92	3.33	588.14	588.27
E	582+18.92	3.33	588.16	588.25
F	582+28.92	3.33	588.17	588.22
☉ Brg. Pier 1	582+40.08	3.33	588.18	588.18
G	582+50.08	3.33	588.19	588.17
H	582+60.08	3.33	588.19	588.17
I	582+70.08	3.33	588.19	588.17
J	582+80.08	3.33	588.19	588.17
K	582+90.08	3.33	588.18	588.17
☉ Brg. Pier 2	582+98.08	3.33	588.17	588.17
L	583+08.08	3.33	588.16	588.20
M	583+18.08	3.33	588.15	588.24
N	583+28.08	3.33	588.13	588.25
O	583+38.08	3.33	588.10	588.24
P	583+48.08	3.33	588.08	588.20
Q	583+58.08	3.33	588.05	588.12
☉ Brg. N. Abut.	583+69.25	3.33	588.01	588.01
Bk. N. Abut.	583+74.02	3.33	588.00	588.00

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	581+70.81	10.00	587.94	587.94
☉ Brg. S. Abut.	581+75.58	10.00	587.95	587.95
A	581+85.58	10.00	587.98	588.05
B	581+95.58	10.00	588.01	588.12
C	582+05.58	10.00	588.03	588.16
D	582+15.58	10.00	588.05	588.18
E	582+25.58	10.00	588.06	588.16
F	582+35.58	10.00	588.07	588.12
☉ Brg. Pier 1	582+46.75	10.00	588.08	588.08
G	582+56.75	10.00	588.09	588.07
H	582+66.75	10.00	588.09	588.06
I	582+76.75	10.00	588.09	588.06
J	582+86.75	10.00	588.08	588.06
K	582+96.75	10.00	588.07	588.06
☉ Brg. Pier 2	583+04.75	10.00	588.06	588.06
L	583+14.75	10.00	588.05	588.09
M	583+24.75	10.00	588.03	588.12
N	583+34.75	10.00	588.01	588.13
O	583+44.75	10.00	587.98	588.12
P	583+54.75	10.00	587.96	588.07
Q	583+64.75	10.00	587.92	587.99
☉ Brg. N. Abut.	583+75.92	10.00	587.88	587.88
Bk. N. Abut.	583+80.69	10.00	587.87	587.87

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	581+77.48	16.67	587.83	587.83
☉ Brg. S. Abut.	581+82.25	16.67	587.85	587.85
A	581+92.25	16.67	587.87	587.94
B	582+02.25	16.67	587.89	588.01
C	582+12.25	16.67	587.91	588.05
D	582+22.25	16.67	587.93	588.06
E	582+32.25	16.67	587.94	588.04
F	582+42.25	16.67	587.95	588.00
☉ Brg. Pier 1	582+53.42	16.67	587.96	587.96
G	582+63.42	16.67	587.96	587.94
H	582+73.42	16.67	587.96	587.93
I	582+83.42	16.67	587.95	587.93
J	582+93.42	16.67	587.95	587.92
K	583+03.42	16.67	587.94	587.92
☉ Brg. Pier 2	583+11.42	16.67	587.92	587.92
L	583+21.42	16.67	587.91	587.95
M	583+31.42	16.67	587.89	587.98
N	583+41.42	16.67	587.86	587.99
O	583+51.42	16.67	587.84	587.97
P	583+61.42	16.67	587.81	587.92
Q	583+71.42	16.67	587.77	587.84
☉ Brg. N. Abut.	583+82.58	16.67	587.73	587.73
Bk. N. Abut.	583+87.36	16.67	587.71	587.71

TOP OF SLAB ELEVATIONS  
IL 47 OVER JOHNNY RUN  
FAP ROUTE 326 - SECTION 19BR  
GRUNDY COUNTY  
STATION 582+65.75  
STRUCTURE NO. 032-0112

DESIGNED	DGL
CHECKED	MJP
DRAWN	MJP
CHECKED	DGL



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