

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	16.42	634.38	634.38
☉ Brq. N. Abut.	18+49.74	16.42	634.39	634.39
A	18+59.74	16.42	634.41	634.47
B	18+69.74	16.42	634.44	634.55
C	18+79.74	16.42	634.46	634.60
D	18+89.74	16.42	634.48	634.63
E	18+99.74	16.42	634.49	634.64
F	19+09.74	16.42	634.50	634.62
G	19+19.74	16.42	634.51	634.60
H	19+29.74	16.42	634.52	634.56
I	19+39.74	16.42	634.52	634.54
☉ Brq. Pier	19+49.99	16.42	634.52	634.52
J	19+59.99	16.42	634.52	634.54
K	19+69.99	16.42	634.52	634.56
L	19+79.99	16.42	634.51	634.60
M	19+89.99	16.42	634.50	634.62
N	19+99.99	16.42	634.49	634.64
O	20+09.99	16.42	634.48	634.63
P	20+19.99	16.42	634.46	634.60
Q	20+29.99	16.42	634.44	634.55
R	20+39.99	16.42	634.41	634.47
☉ Brq. S. Abut.	20+50.24	16.42	634.39	634.39
Bk. S. Abut.	20+52.74	16.42	634.38	634.38

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	23.83	634.23	634.23
☉ Brq. N. Abut.	18+49.74	23.83	634.24	634.24
A	18+59.74	23.83	634.27	634.33
B	18+69.74	23.83	634.29	634.40
C	18+79.74	23.83	634.31	634.45
D	18+89.74	23.83	634.33	634.48
E	18+99.74	23.83	634.34	634.49
F	19+09.74	23.83	634.36	634.48
G	19+19.74	23.83	634.37	634.45
H	19+29.74	23.83	634.37	634.42
I	19+39.74	23.83	634.38	634.39
☉ Brq. Pier	19+49.99	23.83	634.38	634.38
J	19+59.99	23.83	634.38	634.39
K	19+69.99	23.83	634.37	634.42
L	19+79.99	23.83	634.37	634.45
M	19+89.99	23.83	634.36	634.48
N	19+99.99	23.83	634.34	634.49
O	20+09.99	23.83	634.33	634.48
P	20+19.99	23.83	634.31	634.45
Q	20+29.99	23.83	634.29	634.40
R	20+39.99	23.83	634.27	634.33
☉ Brq. S. Abut.	20+50.24	23.83	634.24	634.24
Bk. S. Abut.	20+52.74	23.83	634.23	634.23

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	31.25	634.08	634.08
☉ Brq. N. Abut.	18+49.74	31.25	634.09	634.09
A	18+59.74	31.25	634.11	634.17
B	18+69.74	31.25	634.14	634.25
C	18+79.74	31.25	634.16	634.30
D	18+89.74	31.25	634.17	634.33
E	18+99.74	31.25	634.19	634.34
F	19+09.74	31.25	634.20	634.32
G	19+19.74	31.25	634.21	634.29
H	19+29.74	31.25	634.22	634.26
I	19+39.74	31.25	634.22	634.24
☉ Brq. Pier	19+49.99	31.25	634.22	634.22
J	19+59.99	31.25	634.22	634.24
K	19+69.99	31.25	634.22	634.26
L	19+79.99	31.25	634.21	634.29
M	19+89.99	31.25	634.20	634.32
N	19+99.99	31.25	634.19	634.34
O	20+09.99	31.25	634.17	634.33
P	20+19.99	31.25	634.16	634.30
Q	20+29.99	31.25	634.14	634.25
R	20+39.99	31.25	634.11	634.17
☉ Brq. S. Abut.	20+50.24	31.25	634.09	634.09
Bk. S. Abut.	20+52.74	31.25	634.08	634.08

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	38.67	633.93	633.93
☉ Brq. N. Abut.	18+49.74	38.67	633.93	633.93
A	18+59.74	38.67	633.96	634.02
B	18+69.74	38.67	633.98	634.09
C	18+79.74	38.67	634.00	634.14
D	18+89.74	38.67	634.02	634.17
E	18+99.74	38.67	634.03	634.18
F	19+09.74	38.67	634.05	634.17
G	19+19.74	38.67	634.06	634.14
H	19+29.74	38.67	634.06	634.11
I	19+39.74	38.67	634.07	634.08
☉ Brq. Pier	19+49.99	38.67	634.07	634.07
J	19+59.99	38.67	634.07	634.08
K	19+69.99	38.67	634.06	634.11
L	19+79.99	38.67	634.06	634.14
M	19+89.99	38.67	634.05	634.17
N	19+99.99	38.67	634.04	634.18
O	20+09.99	38.67	634.02	634.18
P	20+19.99	38.67	634.00	634.15
Q	20+29.99	38.67	633.98	634.09
R	20+39.99	38.67	633.96	634.02
☉ Brq. S. Abut.	20+50.24	38.67	633.93	633.93
Bk. S. Abut.	20+52.74	38.67	633.93	633.93

NOTES:

By symmetry, the information in the table 'Profile Grade Line' is valid for the east and west P.G.L.
 Beam offsets are measured from the east (left) P.G.L.
 Work this sheet with Top Of Slab Elevation Layout.



Louis Berger & Associates, Inc.
 1001 Elm Street, Suite 300
 Manchester, NH 03101

Note: Work this sheet with Sheet S3.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SENECA ROAD
OVER F.A.I. 80
F.A.P. 623 SEC. 32-2 HBR GRUNDY CO.
STRUCTURE No. 032-0114
STATION 19+49.99
 TOP OF SLAB ELEVATIONS II

SCALE: NONE
 DATE: OCTOBER, 2005
 DRAWN BY: NJH
 CHECKED BY: JLG