F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1919.4B	COOK	171	97
STA. 3+76.00		TO STA. 16+56.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 66412
SHEET S4 OF S20

PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	0.00	634.36	634.36
℄ Brg. N. Abut.	18+49.74	0.00	634.36	634.36
A	18+59.74	0.00	634.39	634.45
B	18+69.74	0.00	634.41	634.52
C	18+79.74	0.00	634.43	634.58
D	18+89.74	0.00	634.45	634.61
E	18+99.74	0.00	634.47	634.61
F	19+09.74	0.00	634.48	634.60
G	19+19.74	0.00	634.49	634.57
H	19+29.74	0.00	634.49	634.54
I	19+39.74	0.00	634.50	634.51
℄ Brg. Pier	19+49.99	0.00	634.50	634.50
J	19+59.99	0.00	634.50	634.51
K	19+69.99	0.00	634.49	634.54
L	19+79.99	0.00	634.49	634.57
M	19+89.99	0.00	634.48	634.60
N	19+99.99	0.00	634.47	634.61
O	20+09.99	0.00	634.45	634.61
P	20+19.99	0.00	634.43	634.58
Q	20+29.99	0.00	634.41	634.52
R	20+39.99	0.00	634.39	634.45
℄ Brg. S. Abut.	20+50.24	0.00	634.36	634.36
Bk. S. Abut.	20+52.74	0.00	634.36	634.36

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	20.67	633.93	633.93
℄ Brg. N. Abut.	18+49.74	20.67	633.93	633.93
A	18+59.74	20.67	633.96	634.02
B	18+69.74	20.67	633.98	634.09
C	18+79.74	20.67	634.00	634.14
D	18+89.74	20.67	634.02	634.17
E	18+99.74	20.67	634.03	634.18
F	19+09.74	20.67	634.05	634.17
G	19+19.74	20.67	634.06	634.14
H	19+29.74	20.67	634.06	634.11
I	19+39.74	20.67	634.07	634.08
℄ Brg. Pier	19+49.99	20.67	634.07	634.07
J	19+59.99	20.67	634.07	634.08
K	19+69.99	20.67	634.06	634.11
L	19+79.99	20.67	634.06	634.14
M	19+89.99	20.67	634.05	634.17
N	19+99.99	20.67	634.04	634.18
O	20+09.99	20.67	634.02	634.18
P	20+19.99	20.67	634.00	634.15
Q	20+29.99	20.67	633.98	634.09
R	20+39.99	20.67	633.96	634.02
℄ Brg. S. Abut.	20+50.24	20.67	633.93	633.93
Bk. S. Abut.	20+52.74	20.67	633.93	633.93

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	13.25	634.08	634.08
℄ Brg. N. Abut.	18+49.74	13.25	634.09	634.09
A	18+59.74	13.25	634.11	634.17
B	18+69.74	13.25	634.14	634.25
C	18+79.74	13.25	634.16	634.30
D	18+89.74	13.25	634.17	634.33
E	18+99.74	13.25	634.19	634.34
F	19+09.74	13.25	634.20	634.32
G	19+19.74	13.25	634.21	634.29
H	19+29.74	13.25	634.22	634.26
I	19+39.74	13.25	634.22	634.24
℄ Brg. Pier	19+49.99	13.25	634.22	634.22
J	19+59.99	13.25	634.22	634.24
K	19+69.99	13.25	634.22	634.26
L	19+79.99	13.25	634.21	634.29
M	19+89.99	13.25	634.20	634.32
N	19+99.99	13.25	634.19	634.34
O	20+09.99	13.25	634.17	634.33
P	20+19.99	13.25	634.16	634.30
Q	20+29.99	13.25	634.14	634.25
R	20+39.99	13.25	634.11	634.17
℄ Brg. S. Abut.	20+50.24	13.25	634.09	634.09
Bk. S. Abut.	20+52.74	13.25	634.08	634.08

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	5.83	634.23	634.23
℄ Brg. N. Abut.	18+49.74	5.83	634.24	634.24
A	18+59.74	5.83	634.27	634.33
B	18+69.74	5.83	634.29	634.40
C	18+79.74	5.83	634.31	634.45
D	18+89.74	5.83	634.33	634.48
E	18+99.74	5.83	634.34	634.49
F	19+09.74	5.83	634.36	634.48
G	19+19.74	5.83	634.37	634.45
H	19+29.74	5.83	634.37	634.42
I	19+39.74	5.83	634.38	634.39
℄ Brg. Pier	19+49.99	5.83	634.38	634.38
J	19+59.99	5.83	634.38	634.39
K	19+69.99	5.83	634.37	634.42
L	19+79.99	5.83	634.37	634.45
M	19+89.99	5.83	634.36	634.48
N	19+99.99	5.83	634.34	634.49
O	20+09.99	5.83	634.33	634.48
P	20+19.99	5.83	634.31	634.45
Q	20+29.99	5.83	634.29	634.40
R	20+39.99	5.83	634.27	634.33
℄ Brg. S. Abut.	20+50.24	5.83	634.24	634.24
Bk. S. Abut.	20+52.74	5.83	634.23	634.23

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	1.58	634.38	634.38
℄ Brg. N. Abut.	18+49.74	1.58	634.39	634.39
A	18+59.74	1.58	634.41	634.47
B	18+69.74	1.58	634.44	634.55
C	18+79.74	1.58	634.46	634.60
D	18+89.74	1.58	634.48	634.63
E	18+99.74	1.58	634.49	634.64
F	19+09.74	1.58	634.50	634.62
G	19+19.74	1.58	634.51	634.60
H	19+29.74	1.58	634.52	634.56
I	19+39.74	1.58	634.52	634.54
℄ Brg. Pier	19+49.99	1.58	634.52	634.52
J	19+59.99	1.58	634.52	634.54
K	19+69.99	1.58	634.52	634.56
L	19+79.99	1.58	634.51	634.60
M	19+89.99	1.58	634.50	634.62
N	19+99.99	1.58	634.49	634.64
O	20+09.99	1.58	634.48	634.63
P	20+19.99	1.58	634.46	634.60
Q	20+29.99	1.58	634.44	634.55
R	20+39.99	1.58	634.41	634.47
℄ Brg. S. Abut.	20+50.24	1.58	634.39	634.39
Bk. S. Abut.	20+52.74	1.58	634.38	634.38

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	18+47.24	9.00	634.50	634.50
℄ Brg. N. Abut.	18+49.74	9.00	634.50	634.50
A	18+59.74	9.00	634.53	634.59
B	18+69.74	9.00	634.55	634.66
C	18+79.74	9.00	634.57	634.72
D	18+89.74	9.00	634.59	634.75
E	18+99.74	9.00	634.61	634.75
F	19+09.74	9.00	634.62	634.74
G	19+19.74	9.00	634.63	634.71
H	19+29.74	9.00	634.64	634.68
I	19+39.74	9.00	634.64	634.65
℄ Brg. Pier	19+49.99	9.00	634.64	634.64
J	19+59.99	9.00	634.64	634.65
K	19+69.99	9.00	634.64	634.68
L	19+79.99	9.00	634.63	634.71
M	19+89.99	9.00	634.62	634.74
N	19+99.99	9.00	634.61	634.75
O	20+09.99	9.00	634.59	634.75
P	20+19.99	9.00	634.57	634.72
Q	20+29.99	9.00	634.55	634.66
R	20+39.99	9.00	634.53	634.59
℄ Brg. S. Abut.	20+50.24	9.00	634.50	634.50
Bk. S. Abut.	20+52.74	9.00	634.50	634.50

Note: Work this sheet with Sheet S3.

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
Mancheter, NH 03101

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 I

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