

BEAM 1

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+45.02	-23.00	545.08	545.08
☉ West Abut.	89+46.29	-23.00	545.10	545.10
C	89+56.29	-23.00	545.19	545.21
D	89+66.29	-23.00	545.28	545.32
E	89+76.29	-23.00	545.38	545.42
F	89+86.29	-23.00	545.47	545.51
G	89+96.29	-23.00	545.56	545.58
☉ East Abut.	90+06.76	-23.00	545.66	545.66
Bk. of E. Abut.	90+08.02	-23.00	545.67	545.67

BEAM 2

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+46.21	-16.25	545.24	545.24
☉ West Abut.	89+47.48	-16.25	545.25	545.25
C	89+57.48	-16.25	545.34	545.36
D	89+67.48	-16.25	545.43	545.47
E	89+77.48	-16.25	545.53	545.57
F	89+87.48	-16.25	545.62	545.66
G	89+97.48	-16.25	545.71	545.74
☉ East Abut.	90+07.95	-16.25	545.81	545.81
Bk. of E. Abut.	90+09.21	-16.25	545.82	545.82

BEAM 3

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+47.40	-9.50	545.37	545.37
☉ West Abut.	89+48.67	-9.50	545.39	545.39
C	89+58.67	-9.50	545.48	545.50
D	89+68.67	-9.50	545.57	545.61
E	89+78.67	-9.50	545.67	545.71
F	89+88.67	-9.50	545.76	545.80
G	89+98.67	-9.50	545.85	545.87
☉ East Abut.	90+09.14	-9.50	545.95	545.95
Bk. of E. Abut.	90+10.40	-9.50	545.96	545.96

BEAM 4

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+48.60	-2.75	545.49	545.49
☉ West Abut.	89+49.86	-2.75	545.50	545.50
C	89+59.86	-2.75	545.60	545.62
D	89+69.86	-2.75	545.69	545.73
E	89+79.86	-2.75	545.78	545.82
F	89+89.86	-2.75	545.88	545.91
G	89+99.86	-2.75	545.97	545.99
☉ East Abut.	90+10.33	-2.75	546.07	546.07
Bk. of E. Abut.	90+11.60	-2.75	546.08	546.08

☉ ROADWAY, P.G.L. & CROWN

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+49.08	0.00	545.54	545.54
☉ West Abut.	89+50.35	0.00	545.55	545.55
C	89+60.35	0.00	545.64	545.66
D	89+70.35	0.00	545.74	545.77
E	89+80.35	0.00	545.83	545.87
F	89+90.35	0.00	545.92	545.96
G	90+00.35	0.00	546.02	546.04
☉ East Abut.	90+10.81	0.00	546.12	546.12
Bk. of E. Abut.	90+12.08	0.00	546.13	546.13

BEAM 5

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+49.79	4.00	545.48	545.48
☉ West Abut.	89+51.05	4.00	545.49	545.49
C	89+61.05	4.00	545.59	545.61
D	89+71.05	4.00	545.68	545.72
E	89+81.05	4.00	545.77	545.81
F	89+91.05	4.00	545.87	545.90
G	90+01.05	4.00	545.96	545.98
☉ East Abut.	90+11.52	4.00	546.06	546.06
Bk. of E. Abut.	90+12.79	4.00	546.07	546.07

STAGE CONSTRUCTION LINE

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+50.14	6.00	545.45	545.45
☉ West Abut.	89+51.41	6.00	545.47	545.47
C	89+61.41	6.00	545.56	545.58
D	89+71.41	6.00	545.65	545.69
E	89+81.41	6.00	545.75	545.79
F	89+91.41	6.00	545.84	545.88
G	90+01.41	6.00	545.93	545.95
☉ East Abut.	90+11.87	6.00	546.03	546.03
Bk. of E. Abut.	90+13.14	6.00	546.04	546.04

BEAM 6

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+50.98	10.75	545.39	545.39
☉ West Abut.	89+52.24	10.75	545.40	545.40
C	89+62.24	10.75	545.49	545.51
D	89+72.24	10.75	545.59	545.62
E	89+82.24	10.75	545.68	545.72
F	89+92.24	10.75	545.77	545.81
G	90+02.24	10.75	545.87	545.89
☉ East Abut.	90+12.71	10.75	545.96	545.96
Bk. of E. Abut.	90+13.98	10.75	545.98	545.98

BEAM 7

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+52.17	17.50	545.26	545.26
☉ West Abut.	89+53.43	17.50	545.28	545.28
C	89+63.43	17.50	545.37	545.39
D	89+73.43	17.50	545.46	545.50
E	89+83.43	17.50	545.56	545.60
F	89+93.43	17.50	545.65	545.69
G	90+03.43	17.50	545.74	545.77
☉ East Abut.	90+13.90	17.50	545.84	545.84
Bk. of E. Abut.	90+15.17	17.50	545.85	545.85

BEAM 8

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+53.36	24.25	545.14	545.14
☉ West Abut.	89+54.63	24.25	545.15	545.15
C	89+64.63	24.25	545.24	545.26
D	89+74.63	24.25	545.33	545.37
E	89+84.63	24.25	545.43	545.47
F	89+94.63	24.25	545.52	545.56
G	90+04.63	24.25	545.62	545.64
☉ East Abut.	90+15.09	24.25	545.71	545.71
Bk. of E. Abut.	90+16.36	24.25	545.73	545.73

BEAM 9

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	89+54.55	31.00	545.01	545.01
☉ West Abut.	89+55.82	31.00	545.02	545.02
C	89+65.82	31.00	545.11	545.13
D	89+75.82	31.00	545.21	545.24
E	89+85.82	31.00	545.30	545.34
F	89+95.82	31.00	545.39	545.43
G	90+05.82	31.00	545.49	545.51
☉ East Abut.	90+16.28	31.00	545.58	545.58
Bk. of E. Abut.	90+17.55	31.00	545.60	545.60

Note:
Work this sheet with sheet 5 of 24.

\$DATE\$ \$TIME\$ \$FILE\$ \$ABBREV\$ \$

Lin Engineering, L.T.D.
Consulting Engineers
Chatham, Illinois

Designed By: RKM Checked By: DLS Drawn By: A.F.
Date: 10/07 File: 090-0176.DWG

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DECK ELEVATIONS-2
U.S. 150 OVER LITTLE FARM CREEK
F.A.U. ROUTE 6757 SECTION (105B)BR-3
TAZEWELL COUNTY
STA. 89+80.58
S.N. 090-0176