

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 326	119BR-2	GRUNDY	52	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 6
24 SHEETS

Contract #66688

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	-18.33	587.42	587.42
☉ of S. Abut.	465+38.25	-18.33	587.42	587.42
a	465+48.25	-18.33	587.44	587.47
b	465+58.25	-18.33	587.45	587.51
c	465+68.25	-18.33	587.46	587.53
d	465+78.25	-18.33	587.47	587.53
e	465+88.25	-18.33	587.48	587.52
f	465+98.25	-18.33	587.49	587.50
☉ Brg. Pier	466+07.00	-18.33	587.50	587.50
g	466+17.00	-18.33	587.51	587.53
h	466+27.00	-18.33	587.53	587.56
i	466+37.00	-18.33	587.54	587.60
j	466+47.00	-18.33	587.55	587.62
k	466+57.00	-18.33	587.56	587.62
l	466+67.00	-18.33	587.57	587.60
☉ of N. Abut.	466+75.75	-18.33	587.58	587.58
Bk. of N. Abut.	466+77.00	-18.33	587.58	587.58

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	-1.83	587.71	587.71
☉ of S. Abut.	465+38.25	-1.83	587.71	587.71
a	465+48.25	-1.83	587.73	587.76
b	465+58.25	-1.83	587.74	587.80
c	465+68.25	-1.83	587.75	587.82
d	465+78.25	-1.83	587.76	587.82
e	465+88.25	-1.83	587.77	587.81
f	465+98.25	-1.83	587.78	587.79
☉ Brg. Pier	466+07.00	-1.83	587.79	587.79
g	466+17.00	-1.83	587.81	587.82
h	466+27.00	-1.83	587.82	587.85
i	466+37.00	-1.83	587.83	587.89
j	466+47.00	-1.83	587.84	587.91
k	466+57.00	-1.83	587.85	587.91
l	466+67.00	-1.83	587.86	587.89
☉ of N. Abut.	466+75.75	-1.83	587.87	587.87
Bk. of N. Abut.	466+77.00	-1.83	587.87	587.87

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	11.00	587.57	587.57
☉ of S. Abut.	465+38.25	11.00	587.57	587.57
a	465+48.25	11.00	587.58	587.62
b	465+58.25	11.00	587.59	587.65
c	465+68.25	11.00	587.61	587.67
d	465+78.25	11.00	587.62	587.67
e	465+88.25	11.00	587.63	587.66
f	465+98.25	11.00	587.64	587.65
☉ Brg. Pier	466+07.00	11.00	587.65	587.65
g	466+17.00	11.00	587.66	587.68
h	466+27.00	11.00	587.67	587.71
i	466+37.00	11.00	587.68	587.74
j	466+47.00	11.00	587.70	587.76
k	466+57.00	11.00	587.71	587.77
l	466+67.00	11.00	587.72	587.75
☉ of N. Abut.	466+75.75	11.00	587.73	587.73
Bk. of N. Abut.	466+77.00	11.00	587.73	587.73

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	-11.00	587.57	587.57
☉ of S. Abut.	465+38.25	-11.00	587.57	587.57
a	465+48.25	-11.00	587.58	587.62
b	465+58.25	-11.00	587.59	587.65
c	465+68.25	-11.00	587.61	587.67
d	465+78.25	-11.00	587.62	587.67
e	465+88.25	-11.00	587.63	587.66
f	465+98.25	-11.00	587.64	587.65
☉ Brg. Pier	466+07.00	-11.00	587.65	587.65
g	466+17.00	-11.00	587.66	587.68
h	466+27.00	-11.00	587.67	587.71
i	466+37.00	-11.00	587.68	587.74
j	466+47.00	-11.00	587.70	587.76
k	466+57.00	-11.00	587.71	587.77
l	466+67.00	-11.00	587.72	587.75
☉ of N. Abut.	466+75.75	-11.00	587.73	587.73
Bk. of N. Abut.	466+77.00	-11.00	587.73	587.73

☉ ROADWAY & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	0.00	587.74	587.74
☉ of S. Abut.	465+38.25	0.00	587.74	587.74
a	465+48.25	0.00	587.75	587.79
b	465+58.25	0.00	587.77	587.83
c	465+68.25	0.00	587.78	587.85
d	465+78.25	0.00	587.79	587.85
e	465+88.25	0.00	587.80	587.84
f	465+98.25	0.00	587.81	587.82
☉ Brg. Pier	466+07.00	0.00	587.82	587.82
g	466+17.00	0.00	587.83	587.85
h	466+27.00	0.00	587.85	587.88
i	466+37.00	0.00	587.86	587.92
j	466+47.00	0.00	587.87	587.94
k	466+57.00	0.00	587.88	587.94
l	466+67.00	0.00	587.89	587.92
☉ of N. Abut.	466+75.75	0.00	587.90	587.90
Bk. of N. Abut.	466+77.00	0.00	587.90	587.90

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	18.33	587.42	587.42
☉ of S. Abut.	465+38.25	18.33	587.42	587.42
a	465+48.25	18.33	587.44	587.47
b	465+58.25	18.33	587.45	587.51
c	465+68.25	18.33	587.46	587.53
d	465+78.25	18.33	587.47	587.53
e	465+88.25	18.33	587.48	587.52
f	465+98.25	18.33	587.49	587.50
☉ Brg. Pier	466+07.00	18.33	587.50	587.50
g	466+17.00	18.33	587.51	587.53
h	466+27.00	18.33	587.53	587.56
i	466+37.00	18.33	587.54	587.60
j	466+47.00	18.33	587.55	587.62
k	466+57.00	18.33	587.56	587.62
l	466+67.00	18.33	587.57	587.60
☉ of N. Abut.	466+75.75	18.33	587.58	587.58
Bk. of N. Abut.	466+77.00	18.33	587.58	587.58

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	-3.67	587.68	587.68
☉ of S. Abut.	465+38.25	-3.67	587.69	587.69
a	465+48.25	-3.67	587.70	587.73
b	465+58.25	-3.67	587.71	587.77
c	465+68.25	-3.67	587.72	587.79
d	465+78.25	-3.67	587.73	587.79
e	465+88.25	-3.67	587.74	587.78
f	465+98.25	-3.67	587.75	587.77
☉ Brg. Pier	466+07.00	-3.67	587.76	587.76
g	466+17.00	-3.67	587.78	587.79
h	466+27.00	-3.67	587.79	587.83
i	466+37.00	-3.67	587.80	587.86
j	466+47.00	-3.67	587.81	587.88
k	466+57.00	-3.67	587.82	587.88
l	466+67.00	-3.67	587.83	587.87
☉ of N. Abut.	466+75.75	-3.67	587.84	587.84
Bk. of N. Abut.	466+77.00	-3.67	587.85	587.85

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. of S. Abut.	465+37.00	3.67	587.68	587.68
☉ of S. Abut.	465+38.25	3.67	587.69	587.69
a	465+48.25	3.67	587.70	587.73
b	465+58.25	3.67	587.71	587.77
c	465+68.25	3.67	587.72	587.79
d	465+78.25	3.67	587.73	587.79
e	465+88.25	3.67	587.74	587.78
f	465+98.25	3.67	587.75	587.77
☉ Brg. Pier	466+07.00	3.67	587.76	587.76
g	466+17.00	3.67	587.78	587.79
h	466+27.00	3.67	587.79	587.83
i	466+37.00	3.67	587.80	587.86
j	466+47.00	3.67	587.81	587.88
k	466+57.00	3.67	587.82	587.88
l	466+67.00	3.67	587.83	587.87
☉ of N. Abut.	466+75.75	3.67	587.84	587.84
Bk. of N. Abut.	466+77.00	3.67	587.85	587.85

TOP OF SLAB ELEVATIONS
IL 47 OVER WEST FORK MAZON RIVER
FAP ROUTE 326 - SECTION 119BR-2
GRUNDY COUNTY
STATION 466+07.00
STRUCTURE NO. 032-0116



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