

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	27.98	804.11	804.13
CL Brg. W. Abut.	779+70.14	27.98	804.08	804.10
A	779+80.14	27.98	803.97	804.02
B	779+90.14	27.98	803.86	803.93
C	780+00.14	27.98	803.75	803.82
D	780+10.14	27.98	803.64	803.69
CL Brg. Pier 1	780+20.89	27.98	803.52	803.54
CL Pier 1	780+22.06	27.98	803.50	803.52
CL Brg. Pier 1	780+23.23	27.98	803.49	803.51
E	780+33.23	27.98	803.38	803.43
F	780+43.23	27.98	803.27	803.34
G	780+53.23	27.98	803.16	803.23
H	780+63.23	27.98	803.05	803.10
CL Brg. Pier 2	780+73.81	27.98	802.93	802.95
CL Pier 2	780+74.81	27.98	802.92	802.94
CL Brg. Pier 2	780+75.81	27.98	802.91	802.93
I	780+85.81	27.98	802.80	802.85
J	780+95.81	27.98	802.69	802.75
K	781+05.81	27.98	802.57	802.64
L	781+15.81	27.98	802.46	802.52
CL Brg. E. Abut.	781+26.72	27.98	802.34	802.36
Back of E. Abut.	781+29.22	27.98	802.31	802.34

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	35.19	804.24	804.26
CL Brg. W. Abut.	779+70.14	35.19	804.21	804.23
A	779+80.14	35.19	804.10	804.15
B	779+90.14	35.19	803.99	804.06
C	780+00.14	35.19	803.88	803.95
D	780+10.14	35.19	803.77	803.82
CL Brg. Pier 1	780+20.89	35.19	803.65	803.67
CL Pier 1	780+22.06	35.19	803.64	803.66
CL Brg. Pier 1	780+23.23	35.19	803.62	803.65
E	780+33.23	35.19	803.51	803.56
F	780+43.23	35.19	803.40	803.47
G	780+53.23	35.19	803.29	803.36
H	780+63.23	35.19	803.18	803.23
CL Brg. Pier 2	780+73.81	35.19	803.06	803.08
CL Pier 2	780+74.81	35.19	803.05	803.07
CL Brg. Pier 2	780+75.81	35.19	803.04	803.06
I	780+85.81	35.19	802.93	802.98
J	780+95.81	35.19	802.82	802.89
K	781+05.81	35.19	802.71	802.78
L	781+15.81	35.19	802.60	802.65
CL Brg. E. Abut.	781+26.72	35.19	802.48	802.50
Back of E. Abut.	781+29.22	35.19	802.45	802.47

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	42.40	804.35	804.37
CL Brg. W. Abut.	779+70.14	42.40	804.33	804.35
A	779+80.14	42.40	804.22	804.27
B	779+90.14	42.40	804.10	804.17
C	780+00.14	42.40	803.99	804.06
D	780+10.14	42.40	803.88	803.93
CL Brg. Pier 1	780+20.89	42.40	803.76	803.78
CL Pier 1	780+22.06	42.40	803.75	803.77
CL Brg. Pier 1	780+23.23	42.40	803.74	803.76
E	780+33.23	42.40	803.63	803.68
F	780+43.23	42.40	803.52	803.58
G	780+53.23	42.40	803.40	803.47
H	780+63.23	42.40	803.29	803.34
CL Brg. Pier 2	780+73.81	42.40	803.18	803.20
CL Pier 2	780+74.81	42.40	803.16	803.19
CL Brg. Pier 2	780+75.81	42.40	803.15	803.17
I	780+85.81	42.40	803.04	803.09
J	780+95.81	42.40	802.93	803.00
K	781+05.81	42.40	802.82	802.89
L	781+15.81	42.40	802.71	802.76
CL Brg. E. Abut.	781+26.72	42.40	802.59	802.61
Back of E. Abut.	781+29.22	42.40	802.56	802.58

PGL/STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	44.00	804.38	804.40
CL Brg. W. Abut.	779+70.14	44.00	804.35	804.37
A	779+80.14	44.00	804.24	804.29
B	779+90.14	44.00	804.13	804.20
C	780+00.14	44.00	804.02	804.09
D	780+10.14	44.00	803.91	803.96
CL Brg. Pier 1	780+20.89	44.00	803.79	803.81
CL Pier 1	780+22.06	44.00	803.78	803.80
CL Brg. Pier 1	780+23.23	44.00	803.76	803.78
E	780+33.23	44.00	803.65	803.70
F	780+43.23	44.00	803.54	803.61
G	780+53.23	44.00	803.43	803.50
H	780+63.23	44.00	803.32	803.37
CL Brg. Pier 2	780+73.81	44.00	803.20	803.22
CL Pier 2	780+74.81	44.00	803.19	803.21
CL Brg. Pier 2	780+75.81	44.00	803.18	803.20
I	780+85.81	44.00	803.07	803.12
J	780+95.81	44.00	802.96	803.03
K	781+05.81	44.00	802.85	802.91
L	781+15.81	44.00	802.73	802.79
CL Brg. E. Abut.	781+26.72	44.00	802.61	802.63
Back of E. Abut.	781+29.22	44.00	802.59	802.61

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	49.60	804.29	804.31
CL Brg. W. Abut.	779+70.14	49.60	804.26	804.28
A	779+80.14	49.60	804.15	804.20
B	779+90.14	49.60	804.04	804.11
C	780+00.14	49.60	803.93	804.00
D	780+10.14	49.60	803.82	803.87
CL Brg. Pier 1	780+20.89	49.60	803.70	803.72
CL Pier 1	780+22.06	49.60	803.69	803.71
CL Brg. Pier 1	780+23.23	49.60	803.67	803.70
E	780+33.23	49.60	803.56	803.61
F	780+43.23	49.60	803.45	803.52
G	780+53.23	49.60	803.34	803.41
H	780+63.23	49.60	803.23	803.28
CL Brg. Pier 2	780+73.81	49.60	803.11	803.13
CL Pier 2	780+74.81	49.60	803.10	803.12
CL Brg. Pier 2	780+75.81	49.60	803.09	803.11
I	780+85.81	49.60	802.98	803.03
J	780+95.81	49.60	802.87	802.94
K	781+05.81	49.60	802.76	802.83
L	781+15.81	49.60	802.65	802.70
CL Brg. E. Abut.	781+26.72	49.60	802.53	802.55
Back of E. Abut.	781+29.22	49.60	802.50	802.52

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	56.81	804.17	804.20
CL Brg. W. Abut.	779+70.14	56.81	804.15	804.17
A	779+80.14	56.81	804.04	804.09
B	779+90.14	56.81	803.92	803.99
C	780+00.14	56.81	803.81	803.88
D	780+10.14	56.81	803.70	803.75
CL Brg. Pier 1	780+20.89	56.81	803.58	803.60
CL Pier 1	780+22.06	56.81	803.57	803.59
CL Brg. Pier 1	780+23.23	56.81	803.56	803.58
E	780+33.23	56.81	803.45	803.50
F	780+43.23	56.81	803.34	803.40
G	780+53.23	56.81	803.22	803.29
H	780+63.23	56.81	803.11	803.16
CL Brg. Pier 2	780+73.81	56.81	803.00	803.02
CL Pier 2	780+74.81	56.81	802.99	803.01
CL Brg. Pier 2	780+75.81	56.81	802.97	802.99
I	780+85.81	56.81	802.86	802.91
J	780+95.81	56.81	802.75	802.82
K	781+05.81	56.81	802.64	802.71
L	781+15.81	56.81	802.53	802.58
CL Brg. E. Abut.	781+26.72	56.81	802.41	802.43
Back of E. Abut.	781+29.22	56.81	802.38	802.40

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
Back of W. Abut.	779+67.64	64.02	804.02	804.05
CL Brg. W. Abut.	779+70.14	64.02	804.00	804.02
A	779+80.14	64.02	803.89	803.94
B	779+90.14	64.02	803.77	803.84
C	780+00.14	64.02	803.66	803.73
D	780+10.14	64.02	803.55	803.60
CL Brg. Pier 1	780+20.89	64.02	803.43	803.45
CL Pier 1	780+22.06	64.02	803.42	803.44
CL Brg. Pier 1	780+23.23	64.02	803.41	803.43
E	780+33.23	64.02	803.30	803.35
F	780+43.23	64.02	803.19	803.25
G	780+53.23	64.02	803.07	803.14
H	780+63.23	64.02	802.96	803.01
CL Brg. Pier 2	780+73.81	64.02	802.85	802.87
CL Pier 2	780+74.81	64.02	802.83	802.86
CL Brg. Pier 2	780+75.81	64.02	802.82	802.84
I	780+85.81	64.02	802.71	802.76
J	780+95.81	64.02	802.60	802.67
K	781+05.81	64.02	802.49	802.56
L	781+15.81	64.02	802.38	802.43
CL Brg. E. Abut.	781+26.72	64.02	802.26	802.28
Back of E. Abut.	781+29.22	64.02	802.23	802.25

Note:
Positive offset is Rt of @
FAI 74 and negative offset
is Lt of @ FAI 74.

**TOP OF SLAB ELEVATIONS
EASTBOUND
I-74 OVER LITTLE KICKAPOO CREEK
STRUCTURE NO. 057-0120**

STRAND ASSOCIATES, INC.

DESIGNED	RRD
CHECKED	AJS
DRAWN	KAS
CHECKED	JAR

SHEET NO. 6 27 SHEETS	F.A.I. RTE. 74	SECTION (57-21B)BR	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 18
	TOP OF SLAB ELEVATIONS (2 OF 5)		CONTRACT NO. 70641		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					