

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6406	1(BR-2)	MCLEAN	74	28
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 4  
22 SHEETS

Contract #70517

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	-18'-6 1/2"	767.59	767.59
☉ Brg. W. Abut	406+51.00	-18'-6 1/2"	767.60	767.60
A	406+61.00	-18'-6 1/2"	767.64	767.65
B	406+71.00	-18'-6 1/2"	767.69	767.71
C	406+81.00	-18'-6 1/2"	767.73	767.74
D	406+91.00	-18'-6 1/2"	767.78	767.78
☉ Pier 1	406+96.00	-18'-6 1/2"	767.80	767.80
E	407+06.00	-18'-6 1/2"	767.85	767.87
F	407+16.00	-18'-6 1/2"	767.90	767.94
G	407+26.00	-18'-6 1/2"	767.94	767.99
H	407+36.00	-18'-6 1/2"	767.99	768.03
I	407+46.00	-18'-6 1/2"	768.03	768.05
☉ Pier 2	407+56.00	-18'-6 1/2"	768.08	768.08
J	407+66.00	-18'-6 1/2"	768.13	768.13
K	407+76.00	-18'-6 1/2"	768.17	768.18
L	407+86.00	-18'-6 3/8"	768.22	768.23
☉ Brg. E. Abut.	407+96.00	-18'-6"	768.26	768.26
Bk. E. Abut.	407+97.25	-18'-5 7/8"	768.27	768.27

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	11'-1 1/2"	767.74	767.74
☉ Brg. W. Abut	406+51.00	11'-1 1/2"	767.75	767.75
A	406+61.00	11'-1 1/2"	767.79	767.80
B	406+71.00	11'-1 1/2"	767.84	767.86
C	406+81.00	11'-1 1/2"	767.88	767.89
D	406+91.00	11'-1 1/2"	767.93	767.93
☉ Pier 1	406+96.00	11'-1 1/2"	767.95	767.95
E	407+06.00	11'-1 1/2"	768.00	768.02
F	407+16.00	11'-1 1/2"	768.05	768.09
G	407+26.00	11'-1 1/2"	768.09	768.14
H	407+36.00	11'-1 1/2"	768.14	768.18
I	407+46.00	11'-1 1/2"	768.18	768.20
☉ Pier 2	407+56.00	11'-1 1/2"	768.23	768.23
J	407+66.00	11'-1 1/2"	768.28	768.28
K	407+76.00	11'-1 1/2"	768.32	768.33
L	407+86.00	11'-1 3/8"	768.37	768.38
☉ Brg. E. Abut.	407+96.00	11'-1"	768.41	768.41
Bk. E. Abut.	407+97.25	11'-0 7/8"	768.42	768.42

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	3'-8 1/2"	767.85	767.85
☉ Brg. W. Abut	406+51.00	3'-8 1/2"	767.86	767.86
A	406+61.00	3'-8 1/2"	767.90	767.91
B	406+71.00	3'-8 1/2"	767.95	767.97
C	406+81.00	3'-8 1/2"	767.99	768.00
D	406+91.00	3'-8 1/2"	768.04	768.04
☉ Pier 1	406+96.00	3'-8 1/2"	768.06	768.06
E	407+06.00	3'-8 1/2"	768.11	768.13
F	407+16.00	3'-8 1/2"	768.16	768.20
G	407+26.00	3'-8 1/2"	768.20	768.25
H	407+36.00	3'-8 1/2"	768.25	768.29
I	407+46.00	3'-8 1/2"	768.29	768.31
☉ Pier 2	407+56.00	3'-8 1/2"	768.34	768.34
J	407+66.00	3'-8 1/2"	768.39	768.39
K	407+76.00	3'-8 1/2"	768.43	768.44
L	407+86.00	3'-8 3/8"	768.48	768.49
☉ Brg. E. Abut.	407+96.00	3'-8"	768.52	768.52
Bk. E. Abut.	407+97.25	3'-7 7/8"	768.53	768.53

**☉ ROADWAY & PROFILE GRADE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	0''-0"	767.91	767.91
☉ Brg. W. Abut	406+51.00	0''-0"	767.92	767.92
A	406+61.00	0''-0"	767.96	767.97
B	406+71.00	0''-0"	768.01	768.03
C	406+81.00	0''-0"	768.05	768.06
D	406+91.00	0''-0"	768.10	768.10
☉ Pier 1	406+96.00	0''-0"	768.12	768.12
E	407+06.00	0''-0"	768.17	768.19
F	407+16.00	0''-0"	768.22	768.26
G	407+26.00	0''-0"	768.26	768.31
H	407+36.00	0''-0"	768.31	768.35
I	407+46.00	0''-0"	768.35	768.37
☉ Pier 2	407+56.00	0''-0"	768.40	768.40
J	407+66.00	0''-0"	768.45	768.45
K	407+76.00	0''-0"	768.49	768.50
L	407+86.00	0''-0"	768.54	768.55
☉ Brg. E. Abut.	407+96.00	0''-0"	768.58	768.58
Bk. E. Abut.	407+97.25	0''-0"	768.59	768.59

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	18'-6 1/2"	767.59	767.59
☉ Brg. W. Abut	406+51.00	18'-6 1/2"	767.60	767.60
A	406+61.00	18'-6 1/2"	767.64	767.65
B	406+71.00	18'-6 1/2"	767.69	767.71
C	406+81.00	18'-6 1/2"	767.73	767.74
D	406+91.00	18'-6 1/2"	767.78	767.78
☉ Pier 1	406+96.00	18'-6 1/2"	767.80	767.80
E	407+06.00	18'-6 1/2"	767.85	767.87
F	407+16.00	18'-6 1/2"	767.90	767.94
G	407+26.00	18'-6 1/2"	767.94	767.99
H	407+36.00	18'-6 1/2"	767.99	768.03
I	407+46.00	18'-6 1/2"	768.03	768.05
☉ Pier 2	407+56.00	18'-6 1/2"	768.08	768.08
J	407+66.00	18'-6 1/2"	768.13	768.13
K	407+76.00	18'-6 1/2"	768.17	768.18
L	407+86.00	18'-6 5/8"	768.22	768.23
☉ Brg. E. Abut.	407+96.00	18'-7"	768.26	768.26
Bk. E. Abut.	407+97.25	18'-7 1/8"	768.27	768.27

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	11'-1 1/2"	767.74	767.74
☉ Brg. W. Abut	406+51.00	11'-1 1/2"	767.75	767.75
A	406+61.00	11'-1 1/2"	767.79	767.80
B	406+71.00	11'-1 1/2"	767.84	767.86
C	406+81.00	11'-1 1/2"	767.88	767.89
D	406+91.00	11'-1 1/2"	767.93	767.93
☉ Pier 1	406+96.00	11'-1 1/2"	767.95	767.95
E	407+06.00	11'-1 1/2"	768.00	768.02
F	407+16.00	11'-1 1/2"	768.05	768.09
G	407+26.00	11'-1 1/2"	768.09	768.14
H	407+36.00	11'-1 1/2"	768.14	768.18
I	407+46.00	11'-1 1/2"	768.18	768.20
☉ Pier 2	407+56.00	11'-1 1/2"	768.23	768.23
J	407+66.00	11'-1 1/2"	768.28	768.28
K	407+76.00	11'-1 1/2"	768.32	768.33
L	407+86.00	11'-1 5/8"	768.37	768.38
☉ Brg. E. Abut.	407+96.00	11'-2"	768.41	768.41
Bk. E. Abut.	407+97.25	11'-2 1/8"	768.42	768.42

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	406+49.75	3'-8 1/2"	767.85	767.85
☉ Brg. W. Abut	406+51.00	3'-8 1/2"	767.86	767.86
A	406+61.00	3'-8 1/2"	767.90	767.91
B	406+71.00	3'-8 1/2"	767.95	767.97
C	406+81.00	3'-8 1/2"	767.99	768.00
D	406+91.00	3'-8 1/2"	768.04	768.04
☉ Pier 1	406+96.00	3'-8 1/2"	768.06	768.06
E	407+06.00	3'-8 1/2"	768.11	768.13
F	407+16.00	3'-8 1/2"	768.16	768.20
G	407+26.00	3'-8 1/2"	768.20	768.25
H	407+36.00	3'-8 1/2"	768.25	768.29
I	407+46.00	3'-8 1/2"	768.29	768.31
☉ Pier 2	407+56.00	3'-8 1/2"	768.34	768.34
J	407+66.00	3'-8 1/2"	768.39	768.39
K	407+76.00	3'-8 1/2"	768.43	768.44
L	407+86.00	3'-8 5/8"	768.48	768.49
☉ Brg. E. Abut.	407+96.00	3'-9"	768.52	768.52
Bk. E. Abut.	407+97.25	3'-9 1/8"	768.53	768.53

**TOP OF SLAB ELEVATIONS (2 OF 2)**  
**US. ROUTE 150**  
**OVER KICKAPOO CREEK**  
**FAU ROUTE 6406 SECTION 1(BR-2)**  
**MCLEAN COUNTY**  
**STATION 407+23.50**  
**STRUCTURE NO. 057-0246**