

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62829

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	89
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SHEET NO. SB-6
OF SHEETS SB-4

BEAM 1

BEAM 2

BEAM 3

BEAM 4

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abutment	396+48.63	-39.00	656.48	656.48	Bk. W. Abutment	396+47.22	-31.75	656.50	656.50	Bk. W. Abutment	396+45.81	-24.50	656.53	656.53	Bk. W. Abutment	396+44.45	-17.50	656.56	656.56
¢ Brg. W. Abut.	396+50.67	-39.00	656.45	656.45	¢ Brg. W. Abut.	396+49.26	-31.75	656.47	656.47	¢ Brg. W. Abut.	396+47.85	-24.50	656.50	656.50	¢ Brg. W. Abut.	396+46.49	-17.50	656.53	656.53
A	396+60.67	-39.00	656.34	656.35	A	396+59.26	-31.75	656.35	656.36	A	396+57.85	-24.50	656.35	656.36	A	396+56.49	-17.50	656.37	656.38
B	396+70.67	-39.00	656.23	656.24	B	396+69.26	-31.75	656.21	656.22	B	396+67.85	-24.50	656.20	656.21	B	396+66.49	-17.50	656.20	656.21
C	396+80.67	-39.00	656.11	656.12	C	396+79.26	-31.75	656.08	656.09	C	396+77.85	-24.50	656.05	656.06	C	396+76.49	-17.50	656.03	656.04
D	396+90.67	-39.00	655.99	655.99	D	396+89.26	-31.75	655.94	655.94	D	396+87.85	-24.50	655.89	655.89	D	396+86.49	-17.50	655.86	655.86
E	397+00.67	-39.00	655.85	655.85	E	396+99.26	-31.75	655.80	655.80	E	396+97.83	-24.50	655.73	655.73	E	396+96.49	-17.50	655.68	655.68
¢ Pier 1	397+05.85	-39.00	655.79	655.79	¢ Pier 1	397+04.44	-31.75	655.72	655.72	¢ Pier 1	397+03.03	-24.50	655.65	655.65	¢ Pier 1	397+01.67	-17.50	655.58	655.58
F	397+15.85	-39.00	655.66	655.67	F	397+14.44	-31.75	655.56	655.57	F	397+13.03	-24.50	655.49	655.49	F	397+11.67	-17.50	655.41	655.41
G	397+25.85	-39.00	655.51	655.53	G	397+24.44	-31.75	655.41	655.43	G	397+23.03	-24.50	655.30	655.32	G	397+21.67	-17.50	655.21	655.23
H	397+35.85	-39.00	655.37	655.40	H	397+34.44	-31.75	655.25	655.28	H	397+33.03	-24.50	655.12	655.15	H	397+31.67	-17.50	655.01	655.04
I	397+45.81	-39.00	655.22	655.26	I	397+44.43	-31.75	655.09	655.13	I	397+43.03	-24.50	654.94	654.98	I	397+41.67	-17.50	654.81	654.85
J	397+55.66	-39.03	655.11	655.11	J	397+54.30	-31.77	654.91	654.94	J	397+52.93	-24.52	654.76	654.79	J	397+51.60	-17.51	654.62	654.65
K	397+65.50	-39.09	654.92	654.94	K	397+64.17	-31.83	654.74	654.76	K	397+62.83	-24.57	654.58	654.60	K	397+61.50	-17.56	654.41	654.43
L	397+75.30	-38.96	654.76	654.76	L	397+73.99	-31.69	654.57	654.57	L	397+72.67	-24.43	654.38	654.38	L	397+71.39	-17.42	654.20	654.20
¢ Pier 2	397+84.14	-38.78	654.61	654.61	¢ Pier 2	397+82.85	-31.51	654.40	654.40	¢ Pier 2	397+81.55	-24.24	654.20	654.20	¢ Pier 2	397+80.30	-17.23	654.00	654.00
M	397+93.99	-38.62	654.44	654.45	M	397+92.72	-31.34	654.21	654.22	M	397+91.45	-24.07	653.99	654.00	M	397+90.22	-17.05	653.78	653.79
N	398+03.83	-38.49	654.27	654.29	N	398+02.59	-31.21	654.02	654.04	N	398+01.35	-23.93	653.78	653.80	N	398+00.14	-16.91	653.55	653.57
O	398+13.68	-38.39	654.09	654.12	O	398+12.47	-31.11	653.83	653.86	O	398+11.25	-23.83	653.58	653.62	O	398+10.06	-16.80	653.33	653.37
P	398+23.53	-38.33	653.85	653.89	P	398+22.34	-31.04	653.59	653.63	P	398+21.14	-23.76	653.34	653.38	P	398+19.98	-16.72	653.09	653.13
Q	398+33.38	-38.30	653.59	653.62	Q	398+32.22	-31.01	653.33	653.36	Q	398+31.04	-23.72	653.08	653.12	Q	398+29.91	-16.69	652.83	652.87
R	398+43.23	-38.31	653.33	653.35	R	398+42.09	-31.02	653.07	653.09	R	398+40.94	-23.72	652.82	652.84	R	398+39.83	-16.68	652.57	652.59
S	398+53.08	-38.35	653.08	653.09	S	398+51.96	-31.06	652.82	652.83	S	398+50.84	-23.76	652.56	652.57	S	398+49.75	-16.71	652.31	652.32
¢ Pier 3	398+61.51	-38.42	652.85	652.85	¢ Pier 3	398+60.41	-31.11	652.59	652.59	¢ Pier 3	398+59.31	-23.81	652.33	652.33	¢ Pier 3	398+58.24	-16.76	652.08	652.08
T	398+71.36	-38.52	652.59	652.59	T	398+70.29	-31.22	652.33	652.33	T	398+69.21	-23.91	652.08	652.08	T	398+68.17	-16.85	651.83	651.83
U	398+81.20	-38.66	652.34	652.34	U	398+80.16	-31.35	652.08	652.08	U	398+79.11	-24.04	651.82	651.83	U	398+78.09	-16.99	651.57	651.58
V	398+91.05	-38.84	652.08	652.09	V	398+90.03	-31.52	651.82	651.83	V	398+89.00	-24.21	651.57	651.58	V	398+88.01	-17.15	651.32	651.33
W	399+00.90	-39.04	651.83	651.84	W	398+99.90	-31.73	651.57	651.58	W	398+98.90	-24.41	651.32	651.33	W	398+97.93	-17.35	651.06	651.07
X	399+10.74	-39.29	651.58	651.58	X	399+09.77	-31.97	651.32	651.32	X	399+08.79	-24.65	651.07	651.08	X	399+07.84	-17.58	650.81	650.82
¢ Brg. E. Abut.	399+15.53	-39.42	651.46	651.46	¢ Brg. E. Abut.	399+14.57	-32.10	651.20	651.20	¢ Brg. E. Abut.	399+13.60	-24.78	650.94	650.94	¢ Brg. E. Abut.	399+12.67	-17.71	650.69	650.69
Bk. E. Abutment	399+17.51	-39.48	651.41	651.41	Bk. E. Abutment	399+16.56	-32.16	651.15	651.15	Bk. E. Abutment	399+15.60	-24.83	650.89	650.89	Bk. E. Abutment	399+14.67	-17.76	650.64	650.64

BEAM 5

BEAM 6

PROFILE GRADE LINE

BEAM 7

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abutment	396+43.09	-10.50	656.60	656.60	Bk. W. Abutment	396+41.73	-3.50	656.63	656.63	Bk. W. Abutment	396+41.05	0.00	656.66	656.66	Bk. W. Abutment	396+40.37	3.50	656.68	656.68
¢ Brg. W. Abut.	396+45.13	-10.50	656.56	656.56	¢ Brg. W. Abut.	396+43.77	-3.50	656.59	656.59	¢ Brg. W. Abut.	396+43.09	0.00	656.62	656.62	¢ Brg. W. Abut.	396+42.41	3.50	656.64	656.64
A	396+55.13	-10.50	656.38	656.39	A	396+53.77	-3.50	656.40	656.41	A	396+53.09	0.00	656.41	656.42	A	396+52.41	3.50	656.43	656.44
B	396+65.13	-10.50	656.20	656.21	B	396+63.77	-3.50	656.20	656.21	B	396+63.09	0.00	656.21	656.22	B	396+62.41	3.50	656.21	656.22
C	396+75.13	-10.50	656.01	656.02	C	396+73.77	-3.50	656.00	656.01	C	396+73.09	0.00	656.00	656.01	C	396+72.41	3.50	656.00	656.00
D	396+85.13	-10.50	655.82	655.82	D	396+83.77	-3.50	655.80	655.80	D	396+83.09	0.00	655.78	655.78	D	396+82.41	3.50	655.77	655.77
E	396+95.13	-10.50	655.63	655.63	E	396+93.77	-3.50	655.59	655.59	E	396+93.09	0.00	655.56	655.56	E	396+92.41	3.50	655.55	655.55
¢ Pier 1	397+00.31	-10.50	655.52	655.52	¢ Pier 1	396+98.95	-3.50	655.47	655.47	¢ Pier 1	396+98.27	0.00	655.45	655.45	¢ Pier 1	396+97.59	3.50	655.42	655.42
F	397+10.31	-10.50	655.32	655.33	F	397+08.95	-3.50	655.26	655.27	F	397+08.27	0.00	655.22	655.23	F	397+07.59	3.50	655.19	655.20
G	397+20.31	-10.50	655.12	655.14	G	397+18.95	-3.50	655.03	655.05	G	397+18.27	0.00	654.99	655.01	G	397+17.59	3.50	654.95	654.97
H	397+30.31	-10.50	654.91	654.94	H	397+28.95	-3.50	654.81	654.84	H	397+28.27	0.00	654.76	654.79	H	397+27.59	3.50	654.71	654.74
I	397+40.31	-10.50	654.70	654.74	I	397+38.95	-3.50	654.57	654.61	I	397+38.27	0.00	654.52	654.56	I	397+37.59	3.50	654.46	654.50
J	397+50.27	-10.51	654.47	654.50	J	397+48.93	-3.51	654.33	654.36	J	397+48.25	0.00	654.27	654.30	J	397+47.58	3.50	654.21	654.24
K	397+60.21	-10.55	654.25	654.27	K	397+58.90	-3.54	654.10	654.12	K	397+58.23	0.00	654.02	654.04	K	397+57.58	3.47	653.95	653.97
L	397+70.10	-10.40	654.02	654.02	L	397+68.81	-3.39	653.86	653.86	L	397+68.18	0.00	653.77	653.77	L	397+67.52	3.62	653.69	653.69
¢ Pier 2	397+79.03	-10.21	653.81	653.81	¢ Pier 2	397+77.76	-3.19	653.63	653.63	¢ Pier 2	397+77.18	0.00	653.54	653.54	¢ Pier 2	397+76.49	3.82	653.44	653.44
M	397+88.98	-10.03	653.57	653.58	M	397+87.73	-3.01	653.37											