

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH OPTIONAL LONGITUDINAL  
CONSTRUCTION JOINT

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	47468.48	-14.58	572.19	572.19
CL Bearing West Abut.	47469.73	-14.58	572.19	572.19
A	47479.73	-14.58	572.16	572.16
B	47489.73	-14.58	572.13	572.13
C	47499.73	-14.58	572.08	572.08
D	47509.73	-14.58	572.03	572.03
CL Bearing Pier 1	47514.73	-14.58	572.00	572.00
E	47524.73	-14.58	571.94	571.96
F	47534.73	-14.58	571.87	571.90
G	47544.73	-14.58	571.78	571.83
H	47554.73	-14.58	571.70	571.74
I	47564.73	-14.58	571.60	571.64
J	47574.73	-14.58	571.49	571.51
CL Bearing Pier 2	47586.15	-14.58	571.36	571.36
K	47596.15	-14.58	571.23	571.23
L	47606.15	-14.58	571.10	571.10
M	47616.15	-14.58	570.96	571.96
N	47626.15	-14.58	570.81	570.81
CL Bearing East Abut.	47631.15	-14.58	570.73	570.73
Back of East Abut.	47632.40	-14.58	570.71	570.71

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	47468.48	-12.00	572.24	572.24
CL Bearing West Abut.	47469.73	-12.00	572.24	572.24
A	47479.73	-12.00	572.21	572.22
B	47489.73	-12.00	572.18	572.18
C	47499.73	-12.00	572.14	572.14
D	47509.73	-12.00	572.09	572.08
CL Bearing Pier 1	47514.73	-12.00	572.06	572.06
E	47524.73	-12.00	571.99	572.01
F	47534.73	-12.00	571.92	571.96
G	47544.73	-12.00	571.84	571.89
H	47554.73	-12.00	571.75	571.80
I	47564.73	-12.00	571.65	571.69
J	47574.73	-12.00	571.54	571.57
CL Bearing Pier 2	47586.15	-12.00	571.41	571.41
K	47596.15	-12.00	571.29	571.29
L	47606.15	-12.00	571.15	571.16
M	47616.15	-12.00	571.01	571.02
N	47626.15	-12.00	570.86	570.86
CL Bearing East Abut.	47631.15	-12.00	570.78	570.78
Back of East Abut.	47632.40	-12.00	570.76	570.76

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	47468.48	-8.75	572.29	572.29
CL Bearing West Abut.	47469.73	-8.75	572.29	572.29
A	47479.73	-8.75	572.26	572.27
B	47489.73	-8.75	572.23	572.23
C	47499.73	-8.75	572.19	572.19
D	47509.73	-8.75	572.14	572.14
CL Bearing Pier 1	47514.73	-8.75	572.11	572.11
E	47524.73	-8.75	572.04	572.06
F	47534.73	-8.75	571.97	571.97
G	47544.73	-8.75	571.89	571.94
H	47554.73	-8.75	571.80	571.85
I	47564.73	-8.75	571.70	571.74
J	47574.73	-8.75	571.59	571.62
CL Bearing Pier 2	47586.15	-8.75	571.46	571.46
K	47596.15	-8.75	571.34	571.34
L	47606.15	-8.75	571.20	571.21
M	47616.15	-8.75	571.06	571.07
N	47626.15	-8.75	570.91	570.91
CL Bearing East Abut.	47631.15	-8.75	570.83	570.83
Back of East Abut.	47632.40	-8.75	570.81	570.81

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	47468.48	-2.92	572.38	572.38
CL Bearing West Abut.	47469.73	-2.92	572.38	572.38
A	47479.73	-2.92	572.36	572.36
B	47489.73	-2.92	572.32	572.33
C	47499.73	-2.92	572.28	572.28
D	47509.73	-2.92	572.23	572.23
CL Bearing Pier 1	47514.73	-2.92	572.20	572.20
E	47524.73	-2.92	572.13	572.15
F	47534.73	-2.92	572.06	572.10
G	47544.73	-2.92	571.98	572.03
H	47554.73	-2.92	571.89	571.94
I	47564.73	-2.92	571.79	571.83
J	47574.73	-2.92	571.69	571.71
CL Bearing Pier 2	47586.15	-2.92	571.55	571.55
K	47596.15	-2.92	571.43	571.43
L	47606.15	-2.92	571.30	571.30
M	47616.15	-2.92	571.16	571.16
N	47626.15	-2.92	571.00	571.00
CL Bearing East Abut.	47631.15	-2.92	570.92	570.92
Back of East Abut.	47632.40	-2.92	570.90	570.90

ROADWAY & P.G.E.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	47468.48	0.00	572.43	572.43
CL Bearing West Abut.	47469.73	0.00	572.43	572.43
A	47479.73	0.00	572.40	572.41
B	47489.73	0.00	572.37	572.37
C	47499.73	0.00	572.32	572.32
D	47509.73	0.00	572.27	572.27
CL Bearing Pier 1	47514.73	0.00	572.24	572.24
E	47524.73	0.00	572.18	572.20
F	47534.73	0.00	572.11	572.14
G	47544.73	0.00	572.03	572.07
H	47554.73	0.00	571.94	571.99
I	47564.73	0.00	571.84	571.88
J	47574.73	0.00	571.73	571.75
CL Bearing Pier 2	47586.15	0.00	571.60	571.60
K	47596.15	0.00	571.47	571.47
L	47606.15	0.00	571.34	571.34
M	47616.15	0.00	571.20	571.20
N	47626.15	0.00	571.05	571.05
CL Bearing East Abut.	47631.15	0.00	570.97	570.97
Back of East Abut.	47632.40	0.00	570.95	570.95

**TOP OF SLAB ELEVATIONS  
KINMUNDY/LOUISVILLE ROAD  
OVER ILLINOIS CENTRAL RR  
STA. 475+50.44**

DESIGNED	B.B.
CHECKED	C.J.F.
DRAWN	J.G.
CHECKED	C.J.F. & B.B.



**BERNARDIN  
LOCHMUELLER &  
ASSOCIATES, INC.**

3 Oak Drive  
Marvill, IL 62062-5635  
Local (618) 288-4665  
Fax 618-288-4666

SHEET NO. 4 22 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2703	(9-VBR)B	CLAY	65	26
SN 013-0044			CONTRACT NO. 74136		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					