

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

☉ ROADWAY, P.G. &
STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	470+17.00	0.00	390.70	390.70
☉ North Abut.	470+18.27	0.00	390.70	390.70
A	470+28.27	0.00	390.70	390.70
B	470+38.27	0.00	390.70	390.70
☉ Brg. Pier 1	470+50.00	0.00	390.70	390.70
C	470+60.00	0.00	390.71	390.73
D	470+70.00	0.00	390.71	390.75
E	470+80.00	0.00	390.71	390.76
F	470+90.00	0.00	390.71	390.74
☉ Brg. Pier 2	471+02.00	0.00	390.72	390.72
G	471+12.00	0.00	390.72	390.71
H	471+22.00	0.00	390.72	390.72
☉ South Abut.	471+33.73	0.00	390.72	390.72
Bk. South Abut.	471+35.00	0.00	390.72	390.72

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	470+16.47	3.00	390.65	390.65
☉ North Abut.	470+17.74	3.00	390.65	390.65
A	470+27.74	3.00	390.65	390.65
B	470+37.74	3.00	390.65	390.65
☉ Brg. Pier 1	470+49.47	3.00	390.66	390.66
C	470+59.47	3.00	390.66	390.68
D	470+69.47	3.00	390.66	390.70
E	470+79.47	3.00	390.66	390.71
F	470+89.47	3.00	390.67	390.69
☉ Brg. Pier 2	471+01.47	3.00	390.67	390.67
G	471+11.47	3.00	390.67	390.67
H	471+21.47	3.00	390.67	390.67
☉ South Abut.	471+33.20	3.00	390.68	390.68
Bk. South Abut.	471+34.47	3.00	390.68	390.68

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	470+15.41	9.00	390.56	390.56
☉ North Abut.	470+16.68	9.00	390.56	390.56
A	470+26.68	9.00	390.56	390.56
B	470+36.68	9.00	390.56	390.56
☉ Brg. Pier 1	470+48.41	9.00	390.56	390.56
C	470+58.41	9.00	390.57	390.59
D	470+68.41	9.00	390.57	390.61
E	470+78.41	9.00	390.57	390.62
F	470+88.41	9.00	390.57	390.60
☉ Brg. Pier 2	471+00.41	9.00	390.57	390.57
G	471+10.41	9.00	390.58	390.57
H	471+20.41	9.00	390.58	390.58
☉ South Abut.	471+32.14	9.00	390.58	390.58
Bk. South Abut.	471+33.41	9.00	390.58	390.58

DESIGNED - CJW
CHECKED - VDP
DRAWN - JLR
CHECKED - CJW

TOP OF SLAB ELEVATIONS
IL ROUTE 242 OVER
SHELTON CREEK
STATION 470+76

SHEET NO. 9	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	776	(102)B-1	HAMILTON	53	36
26 SHEETS	S.N. 033-0053		CONTRACT NO. 78016		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

JACOBS