

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	470+19.64	-15.00	390.45	390.45
☉ North Abut.	470+20.91	-15.00	390.45	390.45
A	470+30.91	-15.00	390.45	390.45
B	470+40.91	-15.00	390.45	390.45
☉ Brg. Pier 1	470+52.64	-15.00	390.45	390.45
C	470+62.64	-15.00	390.46	390.48
D	470+72.64	-15.00	390.46	390.50
E	470+82.64	-15.00	390.46	390.51
F	470+92.64	-15.00	390.46	390.49
☉ Brg. Pier 2	471+04.64	-15.00	390.47	390.47
G	471+14.64	-15.00	390.47	390.47
H	471+24.64	-15.00	390.47	390.47
☉ South Abut.	471+36.38	-15.00	390.47	390.47
Bk. South Abut.	471+37.64	-15.00	390.47	390.47

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	470+18.59	-9.00	390.56	390.56
☉ North Abut.	470+19.86	-9.00	390.56	390.56
A	470+29.86	-9.00	390.56	390.56
B	470+39.86	-9.00	390.56	390.56
☉ Brg. Pier 1	470+51.59	-9.00	390.56	390.56
C	470+61.59	-9.00	390.57	390.59
D	470+71.59	-9.00	390.57	390.61
E	470+81.59	-9.00	390.57	390.62
F	470+91.59	-9.00	390.57	390.60
☉ Brg. Pier 2	471+03.59	-9.00	390.58	390.58
G	471+13.59	-9.00	390.58	390.57
H	471+23.59	-9.00	390.58	390.58
☉ South Abut.	471+35.32	-9.00	390.58	390.58
Bk. South Abut.	471+36.59	-9.00	390.58	390.58

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	470+17.53	-3.00	390.65	390.65
☉ North Abut.	470+18.80	-3.00	390.65	390.65
A	470+28.80	-3.00	390.65	390.65
B	470+38.80	-3.00	390.65	390.65
☉ Brg. Pier 1	470+50.53	-3.00	390.66	390.66
C	470+60.53	-3.00	390.66	390.68
D	470+70.53	-3.00	390.66	390.70
E	470+80.53	-3.00	390.66	390.71
F	470+90.53	-3.00	390.67	390.69
☉ Brg. Pier 2	471+02.53	-3.00	390.67	390.67
G	471+12.53	-3.00	390.67	390.67
H	471+22.53	-3.00	390.67	390.67
☉ South Abut.	471+34.26	-3.00	390.68	390.68
Bk. South Abut.	471+35.53	-3.00	390.68	390.68

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

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

SHEET NO. 8 26 SHEETS	F.A.P. RTE. 776	SECTION (102)B-1	COUNTY HAMILTON	TOTAL SHEETS 53	SHEET NO. 35
	S.N. 033-0053		CONTRACT NO. 78016		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

