

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.	SHEET NO. - 8 39 - SHEETS
1545	•	DUPAGE	97	29	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-		CONTRACT NO. 83961
			• 00-00115-00-BR		

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of West Abut.	2+45.65	-21.21	657.66	657.66
☉ Brg. West Abut.	2+46.98	-21.21	657.67	657.67
Line A	2+56.98	-21.21	657.71	657.73
Line B	2+66.98	-21.21	657.75	657.77
Line C	2+76.98	-21.21	657.78	657.78
☉ Brg. Pier 1	2+81.61	-21.21	657.79	657.79
Line D	2+91.61	-21.21	657.80	657.80
Line E	3+01.61	-21.21	657.80	657.81
Line F	3+11.61	-21.21	657.80	657.80
☉ Brg. Pier 2	3+16.69	-21.21	657.79	657.79
Line G	3+26.69	-21.21	657.77	657.78
Line H	3+36.69	-21.21	657.74	657.75
Line I	3+46.69	-21.21	657.69	657.70
☉ Brg. East Abut.	3+51.32	-21.21	657.67	657.67
Bk. of East Abut.	3+52.65	-21.21	657.67	657.67

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of West Abut.	2+45.65	-12.71	657.79	657.79
☉ Brg. West Abut.	2+46.98	-12.71	657.80	657.80
Line A	2+56.98	-12.71	657.84	657.86
Line B	2+66.98	-12.71	657.88	657.90
Line C	2+76.98	-12.71	657.91	657.91
☉ Brg. Pier 1	2+81.61	-12.71	657.92	657.92
Line D	2+91.61	-12.71	657.93	657.93
Line E	3+01.61	-12.71	657.94	657.94
Line F	3+11.61	-12.71	657.93	657.93
☉ Brg. Pier 2	3+16.69	-12.71	657.92	657.92
Line G	3+26.69	-12.71	657.90	657.91
Line H	3+36.69	-12.71	657.87	657.89
Line I	3+46.69	-12.71	657.83	657.84
☉ Brg. East Abut.	3+51.32	-12.71	657.80	657.80
Bk. of East Abut.	3+52.65	-12.71	657.80	657.80

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of West Abut.	2+45.65	-4.21	657.93	657.93
☉ Brg. West Abut.	2+46.98	-4.21	657.93	657.93
Line A	2+56.98	-4.21	657.98	657.99
Line B	2+66.98	-4.21	658.01	658.03
Line C	2+76.98	-4.21	658.04	658.05
☉ Brg. Pier 1	2+81.61	-4.21	658.05	658.05
Line D	2+91.61	-4.21	658.07	658.07
Line E	3+01.61	-4.21	658.07	658.07
Line F	3+11.61	-4.21	658.06	658.06
☉ Brg. Pier 2	3+16.69	-4.21	658.06	658.06
Line G	3+26.69	-4.21	658.03	658.05
Line H	3+36.69	-4.21	658.00	658.02
Line I	3+46.69	-4.21	657.96	657.97
☉ Brg. East Abut.	3+51.32	-4.21	657.94	657.94
Bk. of East Abut.	3+52.65	-4.21	657.93	657.93

**☉ ROADWAY & PG**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of West Abut.	2+45.65	0.00	657.99	657.99
☉ Brg. West Abut.	2+46.98	0.00	658.00	658.00
Line A	2+56.98	0.00	658.04	658.06
Line B	2+66.98	0.00	658.08	658.10
Line C	2+76.98	0.00	658.11	658.11
☉ Brg. Pier 1	2+81.61	0.00	658.12	658.12
Line D	2+91.61	0.00	658.13	658.13
Line E	3+01.61	0.00	658.13	658.14
Line F	3+11.61	0.00	658.13	658.13
☉ Brg. Pier 2	3+16.69	0.00	658.12	658.12
Line G	3+26.69	0.00	658.10	658.11
Line H	3+36.69	0.00	658.07	658.09
Line I	3+46.69	0.00	658.03	658.03
☉ Brg. East Abut.	3+51.32	0.00	658.00	658.00
Bk. of East Abut.	3+52.65	0.00	658.00	658.00

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of West Abut.	2+45.65	4.29	657.93	657.93
☉ Brg. West Abut.	2+46.98	4.29	657.93	657.93
Line A	2+56.98	4.29	657.98	657.99
Line B	2+66.98	4.29	658.01	658.03
Line C	2+76.98	4.29	658.04	658.05
☉ Brg. Pier 1	2+81.61	4.29	658.05	658.05
Line D	2+91.61	4.29	658.06	658.07
Line E	3+01.61	4.29	658.07	658.07
Line F	3+11.61	4.29	658.06	658.06
☉ Brg. Pier 2	3+16.69	4.29	658.05	658.05
Line G	3+26.69	4.29	658.03	658.04
Line H	3+36.69	4.29	658.00	658.02
Line I	3+46.69	4.29	657.96	657.97
☉ Brg. East Abut.	3+51.32	4.29	657.94	657.94
Bk. of East Abut.	3+52.65	4.29	657.93	657.93

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of West Abut.	2+45.65	12.79	657.79	657.79
☉ Brg. West Abut.	2+46.98	12.79	657.80	657.80
Line A	2+56.98	12.79	657.84	657.86
Line B	2+66.98	12.79	657.88	657.90
Line C	2+76.98	12.79	657.91	657.91
☉ Brg. Pier 1	2+81.61	12.79	657.92	657.92
Line D	2+91.61	12.79	657.93	657.93
Line E	3+01.61	12.79	657.94	657.94
Line F	3+11.61	12.79	657.93	657.93
☉ Brg. Pier 2	3+16.69	12.79	657.92	657.92
Line G	3+26.69	12.79	657.90	657.91
Line H	3+36.69	12.79	657.87	657.89
Line I	3+46.69	12.79	657.83	657.83
☉ Brg. East Abut.	3+51.32	12.79	657.80	657.80
Bk. of East Abut.	3+52.65	12.79	657.80	657.80

TYLIN INTERNATIONAL

DESIGNED	- PL
CHECKED	- SNB
DRAWN	- PL
CHECKED	- SNB

TOP OF SLAB ELEVATIONS - I

BAILEY ROAD OVER THE  
WEST BRANCH OF THE DUPAGE RIVER  
FAU 1545  
SECTION 00-00115-00-BR STA. 2+99.15  
DUPAGE COUNTY  
S.N. 022-3028