

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	KANE	545	322
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 63074

SHEET SD- 7
OF 34 SHEETS

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S. Abut	275+65.15	13.86	752.40	752.40
☉ Brg S. Abut	275+66.41	13.93	752.40	752.40
A	275+76.49	14.45	752.44	752.45
B	275+86.58	14.90	752.49	752.50
C	275+96.67	15.29	752.56	752.56
☉ Brg Pier 1 Span 1	276+05.50	15.58	752.62	752.62
☉ Brg Pier 1 Span 2	276+07.52	15.64	752.64	752.64
D	276+17.62	15.89	752.73	752.75
E	276+27.72	16.08	752.83	752.86
F	276+37.82	16.21	752.94	752.98
G	276+47.93	16.27	753.06	753.10
H	276+58.04	16.26	753.20	753.22
☉ Brg Pier 2 Span 2	276+66.12	16.21	753.32	753.32
☉ Brg Pier 2 Span 3	276+68.14	16.19	753.35	753.35
J	276+78.25	16.06	753.51	753.51
K	276+88.35	15.86	753.68	753.69
L	276+98.45	15.59	753.86	753.87
☉ Brg N. Abut	277+07.28	15.31	754.03	754.03
Bk N. Abut	277+08.54	15.26	754.06	754.06

PG PROPOSED IL 25/ DUNHAM ROAD

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S. Abut	275+65.09	15.00	752.37	752.37
☉ Brg S. Abut	275+66.35	15.00	752.38	752.38
A	275+76.46	15.00	752.43	752.44
B	275+86.57	15.00	752.49	752.50
C	275+96.68	15.00	752.56	752.57
☉ Brg Pier 1 Span 1	276+05.52	15.00	752.63	752.63
☉ Brg Pier 1 Span 2	276+07.54	15.00	752.65	752.65
D	276+17.64	15.00	752.74	752.77
E	276+27.74	15.00	752.85	752.89
F	276+37.84	15.00	752.96	753.01
G	276+47.93	15.00	753.09	753.12
H	276+58.03	15.00	753.22	753.24
☉ Brg Pier 2 Span 2	276+66.11	15.00	753.34	753.34
☉ Brg Pier 2 Span 3	276+68.13	15.00	753.37	753.37
J	276+78.23	15.00	753.53	753.53
K	276+88.33	15.00	753.69	753.70
L	276+98.43	15.00	753.87	753.88
☉ Brg N. Abut	277+07.27	15.00	754.04	754.04
Bk N. Abut	277+08.53	15.00	754.06	754.06

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S. Abut	275+64.67	22.26	752.23	752.23
☉ Brg S. Abut	275+65.94	22.33	752.23	752.23
A	275+76.07	22.85	752.27	752.28
B	275+86.21	23.31	752.32	752.33
C	275+96.36	23.70	752.39	752.39
☉ Brg Pier 1 Span 1	276+05.24	23.99	752.45	752.45
☉ Brg Pier 1 Span 2	276+07.27	24.05	752.47	752.47
D	276+17.43	24.31	752.56	752.58
E	276+27.59	24.50	752.66	752.69
F	276+37.75	24.62	752.77	752.81
G	276+47.91	24.68	752.89	752.93
H	276+58.07	24.68	753.03	753.05
☉ Brg Pier 2 Span 2	276+66.20	24.63	753.15	753.15
☉ Brg Pier 2 Span 3	276+68.23	24.61	753.18	753.18
J	276+78.39	24.47	753.34	753.35
K	276+88.55	24.27	753.51	753.52
L	276+98.70	24.00	753.70	753.70
☉ Brg N. Abut	277+07.58	23.72	753.87	753.87
Bk N. Abut	277+08.85	23.67	753.90	753.90

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S. Abut	275+64.19	30.67	752.06	752.06
☉ Brg S. Abut	275+65.46	30.74	752.06	752.06
A	275+75.65	31.26	752.10	752.11
B	275+85.85	31.72	752.15	752.16
C	275+96.05	32.11	752.21	752.22
☉ Brg Pier 1 Span 1	276+04.98	32.41	752.28	752.28
☉ Brg Pier 1 Span 2	276+07.02	32.46	752.30	752.30
D	276+17.24	32.72	752.39	752.41
E	276+27.45	32.91	752.49	752.53
F	276+37.67	33.04	752.60	752.64
G	276+47.88	33.10	752.72	752.76
H	276+58.10	33.10	752.86	752.88
☉ Brg Pier 2 Span 2	276+66.27	33.04	752.98	752.98
☉ Brg Pier 2 Span 3	276+68.32	33.03	753.01	753.01
J	276+78.53	32.89	753.17	753.18
K	276+88.75	32.69	753.35	753.36
L	276+98.96	32.42	753.53	753.54
☉ Brg N. Abut	277+07.89	32.13	753.71	753.71
Bk N. Abut	277+09.17	32.08	753.73	753.73

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S. Abut	275+63.70	39.07	751.89	751.89
☉ Brg S. Abut	275+64.98	39.14	751.89	751.89
A	275+75.23	39.67	751.93	751.94
B	275+85.48	40.13	751.98	751.99
C	275+95.74	40.53	752.04	752.05
☉ Brg Pier 1 Span 1	276+04.72	40.82	752.11	752.11
☉ Brg Pier 1 Span 2	276+06.77	40.88	752.13	752.13
D	276+17.04	41.14	752.22	752.24
E	276+27.31	41.33	752.32	752.36
F	276+37.58	41.46	752.43	752.47
G	276+47.86	41.52	752.56	752.59
H	276+58.13	41.51	752.69	752.71
☉ Brg Pier 2 Span 2	276+66.35	41.46	752.81	752.81
☉ Brg Pier 2 Span 3	276+68.41	41.44	752.85	752.85
J	276+78.68	41.30	753.01	753.01
K	276+88.95	41.10	753.18	753.19
L	276+99.22	40.83	753.37	753.38
☉ Brg N. Abut	277+08.20	40.54	753.55	753.55
Bk N. Abut	277+09.49	40.49	753.57	753.57

Note
1. For Deck Elevation Plan see sheet SD-4.
2. Stations and Offsets are taken from ☉ Proposed IL 25/Dunham Road

DESIGNED	AJK
CHECKED	HMA
DRAWN	AJK
CHECKED	DMC

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-585-0450
Job # 3944

DECK ELEVATIONS 3 OF 3
IL 25/DUNHAM ROAD OVER THE
EAST BRANCH OF BREWSTER CREEK
F.A.P. 360 - SEC. 06-00214-15-BR
KANE COUNTY
STATION 276+36.96
STRUCTURE NO. 045-2032

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