

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	*	LAKE	469	177
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
125X-HB-(1&2) R-1		CONTRACT # 60826		

**GIRDER 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	530+34.21	43.50 Lt.	701.41	701.41
⊕ Brg. N. Abut.	530+35.59	43.50 Lt.	701.43	701.43
A	530+45.59	43.50 Lt.	701.63	701.68
B	530+55.59	43.50 Lt.	701.82	701.90
C	530+65.59	43.50 Lt.	702.02	702.14
D	530+75.59	43.50 Lt.	702.21	702.36
E	530+85.59	43.50 Lt.	702.40	702.57
F	530+95.59	43.50 Lt.	702.58	702.76
G	531+05.59	43.50 Lt.	702.76	702.95
H	531+15.59	43.50 Lt.	702.93	703.11
I	531+25.59	43.50 Lt.	703.09	703.26
J	531+35.59	43.50 Lt.	703.25	703.40
K	531+45.59	43.50 Lt.	703.40	703.52
L	531+55.59	43.50 Lt.	703.55	703.64
M	531+65.59	43.50 Lt.	703.69	703.75
N	531+75.59	43.50 Lt.	703.83	703.86
O	531+85.59	43.50 Lt.	703.95	703.96
P	531+95.59	43.50 Lt.	704.08	704.07
Q	532+05.59	43.50 Lt.	704.19	704.17
R	532+15.59	43.50 Lt.	704.31	704.29
⊕ Pier 1	532+30.59	43.50 Lt.	704.46	704.46
S	532+40.59	43.50 Lt.	704.56	704.58
T	532+50.59	43.50 Lt.	704.65	704.71
U	532+60.59	43.50 Lt.	704.73	704.83
V	532+70.59	43.50 Lt.	704.81	704.96
W	532+80.59	43.50 Lt.	704.88	705.09
X	532+90.59	43.50 Lt.	704.95	705.22
Y	533+00.59	43.50 Lt.	705.01	705.34
Z	533+10.59	43.50 Lt.	705.06	705.44
AA	533+20.59	43.50 Lt.	705.11	705.55
AB	533+30.59	43.50 Lt.	705.16	705.64
AC	533+40.59	43.50 Lt.	705.19	705.72
AD	533+50.59	43.50 Lt.	705.22	705.78
AE	533+60.59	43.50 Lt.	705.25	705.83
AF	533+70.59	43.50 Lt.	705.27	705.87
AG	533+80.59	43.50 Lt.	705.28	705.88
AH	533+90.59	43.50 Lt.	705.29	705.89
AI	534+00.59	43.50 Lt.	705.29	705.87
AJ	534+10.59	43.50 Lt.	705.28	705.84
AK	534+20.59	43.50 Lt.	705.27	705.80
AL	534+30.59	43.50 Lt.	705.26	705.75
AM	534+40.59	43.50 Lt.	705.23	705.67
AN	534+50.59	43.50 Lt.	705.21	705.60
AO	534+60.59	43.50 Lt.	705.17	705.50
AP	534+70.59	43.50 Lt.	705.13	705.40
AQ	534+80.59	43.50 Lt.	705.09	705.33

**GIRDER 1 CONTINUED**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
AR	534+90.59	43.50 Lt.	705.03	705.24
AS	535+00.59	43.50 Lt.	704.97	705.15
AT	535+10.59	43.50 Lt.	704.91	705.06
AU	535+20.59	43.50 Lt.	704.84	704.97
⊕ Pier 2	535+30.59	43.50 Lt.	704.76	704.76
AV	535+40.59	43.50 Lt.	704.68	704.72
AW	535+50.59	43.50 Lt.	704.60	704.63
AX	535+60.59	43.50 Lt.	704.50	704.50
AY	535+70.59	43.50 Lt.	704.40	704.40
AZ	535+80.59	43.50 Lt.	704.30	704.30
BA	535+90.59	43.50 Lt.	704.19	704.17
BB	536+00.59	43.50 Lt.	704.07	704.05
BC	536+10.59	43.50 Lt.	703.94	703.92
BD	536+20.59	43.50 Lt.	703.82	703.81
BE	536+30.59	43.50 Lt.	703.68	703.69
BF	536+40.59	43.50 Lt.	703.54	703.57
BG	536+50.59	43.50 Lt.	703.39	703.45
BH	536+60.59	43.50 Lt.	703.24	703.33
BI	536+70.59	43.50 Lt.	703.08	703.20
BJ	536+80.59	43.50 Lt.	702.91	703.06
BK	536+90.59	43.50 Lt.	702.74	702.91
BL	537+00.59	43.50 Lt.	702.57	702.75
BM	537+10.59	43.50 Lt.	702.38	702.56
⊕ Brg. S. Abut.	537+25.59	43.50 Lt.	702.10	702.10
BK S. Abut.	537+26.96	43.50 Lt.	702.07	702.07

**GIRDER 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	530+30.70	33.83 Lt.	701.53	701.53
⊕ Brg. N. Abut.	530+32.07	33.83 Lt.	701.56	701.56
A	530+42.07	33.83 Lt.	701.75	701.81
B	530+52.07	33.83 Lt.	701.95	702.04
C	530+62.07	33.83 Lt.	702.14	702.27
D	530+72.07	33.83 Lt.	702.34	702.51
E	530+82.07	33.83 Lt.	702.53	702.72
F	530+92.07	33.83 Lt.	702.71	702.91
G	531+02.07	33.83 Lt.	702.89	703.10
H	531+12.07	33.83 Lt.	703.06	703.26
I	531+22.07	33.83 Lt.	703.23	703.42
J	531+32.07	33.83 Lt.	703.39	703.56
K	531+42.07	33.83 Lt.	703.54	703.68
L	531+52.07	33.83 Lt.	703.69	703.79
M	531+62.07	33.83 Lt.	703.84	703.91
N	531+72.07	33.83 Lt.	703.97	704.01
O	531+82.07	33.83 Lt.	704.10	704.11
P	531+92.07	33.83 Lt.	704.23	704.22
Q	532+02.07	33.83 Lt.	704.35	704.33
R	532+12.07	33.83 Lt.	704.46	704.44
⊕ Pier 1	532+27.07	33.83 Lt.	704.62	704.62
S	532+37.07	33.83 Lt.	704.72	704.75
T	532+47.07	33.83 Lt.	704.81	704.88
U	532+57.07	33.83 Lt.	704.90	705.01
V	532+67.07	33.83 Lt.	704.98	705.15
W	532+77.07	33.83 Lt.	705.05	705.28
X	532+87.07	33.83 Lt.	705.12	705.42
Y	532+97.07	33.83 Lt.	705.18	705.54
Z	533+07.07	33.83 Lt.	705.24	705.67
AA	533+17.07	33.83 Lt.	705.29	705.78
AB	533+27.07	33.83 Lt.	705.33	705.87
AC	533+37.07	33.83 Lt.	705.37	705.96
AD	533+47.07	33.83 Lt.	705.41	706.03
AE	533+57.07	33.83 Lt.	705.43	706.08
AF	533+67.07	33.83 Lt.	705.45	706.12
AG	533+77.07	33.83 Lt.	705.47	706.14
AH	533+87.07	33.83 Lt.	705.48	706.15
AI	533+97.07	33.83 Lt.	705.48	706.13
AJ	534+07.07	33.83 Lt.	705.48	706.11
AK	534+17.07	33.83 Lt.	705.47	706.06
AL	534+27.07	33.83 Lt.	705.46	706.00
AM	534+37.07	33.83 Lt.	705.44	705.93
AN	534+47.07	33.83 Lt.	705.41	705.84
AO	534+57.07	33.83 Lt.	705.38	705.75
AP	534+67.07	33.83 Lt.	705.34	705.64
AQ	534+77.07	33.83 Lt.	705.29	705.52

**GIRDER 2 CONTINUED**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
AR	534+87.07	33.83 Lt.	705.24	705.41
AS	534+97.07	33.83 Lt.	705.19	705.31
AT	535+07.07	33.83 Lt.	705.13	705.20
AU	535+17.07	33.83 Lt.	705.06	705.09
⊕ Pier 2	535+27.07	33.83 Lt.	704.99	704.99
AV	535+37.07	33.83 Lt.	704.91	704.89
AW	535+47.07	33.83 Lt.	704.82	704.80
AX	535+57.07	33.83 Lt.	704.73	704.71
AY	535+67.07	33.83 Lt.	704.63	704.62
AZ	535+77.07	33.83 Lt.	704.53	704.54
BA	535+87.07	33.83 Lt.	704.42	704.46
BB	535+97.07	33.83 Lt.	704.30	704.37
BC	536+07.07	33.83 Lt.	704.18	704.29
BD	536+17.07	33.83 Lt.	704.05	704.19
BE	536+27.07	33.83 Lt.	703.92	704.09
BF	536+37.07	33.83 Lt.	703.78	703.97
BG	536+47.07	33.83 Lt.	703.64	703.84
BH	536+57.07	33.83 Lt.	703.49	703.69
BI	536+67.07	33.83 Lt.	703.33	703.52
BJ	536+77.07	33.83 Lt.	703.17	703.34
BK	536+87.07	33.83 Lt.	703.00	703.15
BL	536+97.07	33.83 Lt.	702.82	702.93
BM	537+07.07	33.83 Lt.	702.64	702.71
⊕ Brg. S. Abut.	537+22.07	33.83 Lt.	702.36	702.36
BK S. Abut.	537+23.44	33.83 Lt.	702.33	702.33

TYLIN INTERNATIONAL

DESIGNED	- CM
CHECKED	- AD
DRAWN	- CM
CHECKED	- AD

**TOP OF SLAB ELEVATIONS  
(1 OF 7)**

FAP 346 (U.S. ROUTE 41 - SKOKIE  
HIGHWAY) OVER ILLINOIS ROUTE 132  
SECTION 125X-HB-(1&2)R-1  
LAKE COUNTY  
S.N. 049-0209