

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|---------------------|---------|------------|------------------|------------------|---------------------------------|
| ROUTE NO. | SECTION | COUNTY | DATE | SHEET | SHEET NO. - S-11 S-66 SHEETS |
| 346 | * | LAKE | 23 | 10 | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | | |
| | | 125X-HB-1F | | CONTRACT # 60E33 | |

GIRDER 5

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflections |
|-----------------|-----------|----------|------------------------------|---|
| Bk. N. Abut. | 530+20.14 | 4.83 Lt. | 701.16 | 701.16 |
| ☉ Brg. N. Abut. | 530+21.51 | 4.83 Lt. | 701.19 | 701.19 |
| A | 530+31.51 | 4.83 Lt. | 701.38 | 701.42 |
| B | 530+41.51 | 4.83 Lt. | 701.58 | 701.65 |
| C | 530+51.51 | 4.83 Lt. | 701.77 | 701.88 |
| D | 530+61.51 | 4.83 Lt. | 701.97 | 702.11 |
| E | 530+71.51 | 4.83 Lt. | 702.16 | 702.32 |
| F | 530+81.51 | 4.83 Lt. | 702.35 | 702.53 |
| G | 530+91.51 | 4.83 Lt. | 702.54 | 702.72 |
| H | 531+01.51 | 4.83 Lt. | 702.72 | 702.89 |
| I | 531+11.51 | 4.83 Lt. | 702.89 | 703.05 |
| J | 531+21.51 | 4.83 Lt. | 703.05 | 703.19 |
| K | 531+31.51 | 4.83 Lt. | 703.22 | 703.34 |
| L | 531+41.51 | 4.83 Lt. | 703.37 | 703.46 |
| M | 531+51.51 | 4.83 Lt. | 703.52 | 703.58 |
| N | 531+61.51 | 4.83 Lt. | 703.66 | 703.70 |
| O | 531+71.51 | 4.83 Lt. | 703.80 | 703.82 |
| P | 531+81.51 | 4.83 Lt. | 703.93 | 703.93 |
| Q | 531+91.51 | 4.83 Lt. | 704.06 | 704.05 |
| R | 532+01.51 | 4.83 Lt. | 704.18 | 704.17 |
| ☉ Pier 1 | 532+16.51 | 4.83 Lt. | 704.34 | 704.34 |
| S | 532+26.51 | 4.83 Lt. | 704.45 | 704.47 |
| T | 532+36.51 | 4.83 Lt. | 704.55 | 704.60 |
| U | 532+46.51 | 4.83 Lt. | 704.64 | 704.72 |
| V | 532+56.51 | 4.83 Lt. | 704.73 | 704.85 |
| W | 532+66.51 | 4.83 Lt. | 704.81 | 704.97 |
| X | 532+76.51 | 4.83 Lt. | 704.88 | 705.08 |
| Y | 532+86.51 | 4.83 Lt. | 704.95 | 705.20 |
| Z | 532+96.51 | 4.83 Lt. | 705.01 | 705.31 |
| AA | 533+06.51 | 4.83 Lt. | 705.07 | 705.41 |
| AB | 533+16.51 | 4.83 Lt. | 705.12 | 705.50 |
| AC | 533+26.51 | 4.83 Lt. | 705.17 | 705.58 |
| AD | 533+36.51 | 4.83 Lt. | 705.21 | 705.65 |
| AE | 533+46.51 | 4.83 Lt. | 705.24 | 705.70 |
| AF | 533+56.51 | 4.83 Lt. | 705.27 | 705.75 |
| AG | 533+66.51 | 4.83 Lt. | 705.29 | 705.77 |
| AH | 533+76.51 | 4.83 Lt. | 705.30 | 705.78 |
| AI | 533+86.51 | 4.83 Lt. | 705.31 | 705.77 |
| AJ | 533+96.51 | 4.83 Lt. | 705.32 | 705.76 |
| AK | 534+06.51 | 4.83 Lt. | 705.31 | 705.73 |
| AL | 534+16.51 | 4.83 Lt. | 705.31 | 705.69 |
| AM | 534+26.51 | 4.83 Lt. | 705.29 | 705.63 |
| AN | 534+36.51 | 4.83 Lt. | 705.27 | 705.57 |
| AO | 534+46.51 | 4.83 Lt. | 705.25 | 705.50 |
| AP | 534+56.51 | 4.83 Lt. | 705.21 | 705.42 |
| AQ | 534+66.51 | 4.83 Lt. | 705.18 | 705.34 |

GIRDER 5 CONTINUED

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflections |
|-----------------|-----------|----------|------------------------------|---|
| AR | 534+76.51 | 4.83 Lt. | 705.13 | 705.25 |
| AS | 534+86.51 | 4.83 Lt. | 705.08 | 705.16 |
| AT | 534+96.51 | 4.83 Lt. | 705.03 | 705.08 |
| AU | 535+06.51 | 4.83 Lt. | 704.97 | 705.00 |
| ☉ Pier 2 | 535+16.51 | 4.83 Lt. | 704.90 | 704.90 |
| AV | 535+26.51 | 4.83 Lt. | 704.82 | 704.82 |
| AW | 535+36.51 | 4.83 Lt. | 704.75 | 704.75 |
| AX | 535+46.51 | 4.83 Lt. | 704.66 | 704.65 |
| AY | 535+56.51 | 4.83 Lt. | 704.57 | 704.56 |
| AZ | 535+66.51 | 4.83 Lt. | 704.47 | 704.46 |
| BA | 535+76.51 | 4.83 Lt. | 704.37 | 704.38 |
| BB | 535+86.51 | 4.83 Lt. | 704.26 | 704.28 |
| BC | 535+96.51 | 4.83 Lt. | 704.14 | 704.19 |
| BD | 536+06.51 | 4.83 Lt. | 704.02 | 704.09 |
| BE | 536+16.51 | 4.83 Lt. | 703.90 | 704.00 |
| BF | 536+26.51 | 4.83 Lt. | 703.76 | 703.88 |
| BG | 536+36.51 | 4.83 Lt. | 703.63 | 703.78 |
| BH | 536+46.51 | 4.83 Lt. | 703.48 | 703.64 |
| BI | 536+56.51 | 4.83 Lt. | 703.33 | 703.50 |
| BJ | 536+66.51 | 4.83 Lt. | 703.17 | 703.35 |
| BK | 536+76.51 | 4.83 Lt. | 703.01 | 703.18 |
| BL | 536+86.51 | 4.83 Lt. | 702.84 | 702.99 |
| BM | 536+96.51 | 4.83 Lt. | 702.67 | 702.79 |
| ☉ Brg. S. Abut. | 537+11.51 | 4.83 Lt. | 702.40 | 702.40 |
| BK S. Abut. | 537+12.89 | 4.83 Lt. | 702.37 | 702.37 |

GIRDER 6

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflections |
|-----------------|-----------|----------|------------------------------|---|
| Bk. N. Abut. | 530+16.62 | 4.83 Rt. | 701.09 | 701.09 |
| ☉ Brg. N. Abut. | 530+18.00 | 4.83 Rt. | 701.12 | 701.12 |
| A | 530+28.00 | 4.83 Rt. | 701.32 | 701.38 |
| B | 530+38.00 | 4.83 Rt. | 701.51 | 701.60 |
| C | 530+48.00 | 4.83 Rt. | 701.70 | 701.83 |
| D | 530+58.00 | 4.83 Rt. | 701.90 | 702.07 |
| E | 530+68.00 | 4.83 Rt. | 702.09 | 702.28 |
| F | 530+78.00 | 4.83 Rt. | 702.29 | 702.49 |
| G | 530+88.00 | 4.83 Rt. | 702.47 | 702.68 |
| H | 530+98.00 | 4.83 Rt. | 702.65 | 702.85 |
| I | 531+08.00 | 4.83 Rt. | 702.83 | 703.02 |
| J | 531+18.00 | 4.83 Rt. | 703.00 | 703.17 |
| K | 531+28.00 | 4.83 Rt. | 703.16 | 703.30 |
| L | 531+38.00 | 4.83 Rt. | 703.32 | 703.42 |
| M | 531+48.00 | 4.83 Rt. | 703.47 | 703.54 |
| N | 531+58.00 | 4.83 Rt. | 703.61 | 703.65 |
| O | 531+68.00 | 4.83 Rt. | 703.75 | 703.76 |
| P | 531+78.00 | 4.83 Rt. | 703.89 | 703.88 |
| Q | 531+88.00 | 4.83 Rt. | 704.01 | 703.99 |
| R | 531+98.00 | 4.83 Rt. | 704.13 | 704.11 |
| ☉ Pier 1 | 532+13.00 | 4.83 Rt. | 704.31 | 704.31 |
| S | 532+23.00 | 4.83 Rt. | 704.41 | 704.44 |
| T | 532+33.00 | 4.83 Rt. | 704.51 | 704.58 |
| U | 532+43.00 | 4.83 Rt. | 704.61 | 704.72 |
| V | 532+53.00 | 4.83 Rt. | 704.70 | 704.87 |
| W | 532+63.00 | 4.83 Rt. | 704.78 | 705.01 |
| X | 532+73.00 | 4.83 Rt. | 704.86 | 705.16 |
| Y | 532+83.00 | 4.83 Rt. | 704.93 | 705.29 |
| Z | 532+93.00 | 4.83 Rt. | 704.99 | 705.42 |
| AA | 533+03.00 | 4.83 Rt. | 705.05 | 705.54 |
| AB | 533+13.00 | 4.83 Rt. | 705.10 | 705.64 |
| AC | 533+23.00 | 4.83 Rt. | 705.15 | 705.74 |
| AD | 533+33.00 | 4.83 Rt. | 705.19 | 705.81 |
| AE | 533+43.00 | 4.83 Rt. | 705.23 | 705.88 |
| AF | 533+53.00 | 4.83 Rt. | 705.26 | 705.93 |
| AG | 533+63.00 | 4.83 Rt. | 705.28 | 705.95 |
| AH | 533+73.00 | 4.83 Rt. | 705.30 | 705.97 |
| AI | 533+83.00 | 4.83 Rt. | 705.31 | 705.96 |
| AJ | 533+93.00 | 4.83 Rt. | 705.32 | 705.95 |
| AK | 534+03.00 | 4.83 Rt. | 705.32 | 705.91 |
| AL | 534+13.00 | 4.83 Rt. | 705.31 | 705.85 |
| AM | 534+23.00 | 4.83 Rt. | 705.30 | 705.79 |
| AN | 534+33.00 | 4.83 Rt. | 705.28 | 705.71 |
| AO | 534+43.00 | 4.83 Rt. | 705.26 | 705.63 |
| AP | 534+53.00 | 4.83 Rt. | 705.23 | 705.53 |
| AQ | 534+63.00 | 4.83 Rt. | 705.19 | 705.42 |

GIRDER 6 CONTINUED

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflections |
|-----------------|-----------|----------|------------------------------|---|
| AR | 534+73.00 | 4.83 Rt. | 705.15 | 705.32 |
| AS | 534+83.00 | 4.83 Rt. | 705.10 | 705.22 |
| AT | 534+93.00 | 4.83 Rt. | 705.05 | 705.12 |
| AU | 535+03.00 | 4.83 Rt. | 704.99 | 705.02 |
| ☉ Pier 2 | 535+13.00 | 4.83 Rt. | 704.92 | 704.92 |
| AV | 535+23.00 | 4.83 Rt. | 704.85 | 704.83 |
| AW | 535+33.00 | 4.83 Rt. | 704.77 | 704.75 |
| AX | 535+43.00 | 4.83 Rt. | 704.69 | 704.67 |
| AY | 535+53.00 | 4.83 Rt. | 704.60 | 704.59 |
| AZ | 535+63.00 | 4.83 Rt. | 704.51 | 704.52 |
| BA | 535+73.00 | 4.83 Rt. | 704.41 | 704.45 |
| BB | 535+83.00 | 4.83 Rt. | 704.30 | 704.37 |
| BC | 535+93.00 | 4.83 Rt. | 704.19 | 704.30 |
| BD | 536+03.00 | 4.83 Rt. | 704.07 | 704.21 |
| BE | 536+13.00 | 4.83 Rt. | 703.94 | 704.11 |
| BF | 536+23.00 | 4.83 Rt. | 703.81 | 704.00 |
| BG | 536+33.00 | 4.83 Rt. | 703.67 | 703.87 |
| BH | 536+43.00 | 4.83 Rt. | 703.53 | 703.73 |
| BI | 536+53.00 | 4.83 Rt. | 703.38 | 703.57 |
| BJ | 536+63.00 | 4.83 Rt. | 703.23 | 703.40 |
| BK | 536+73.00 | 4.83 Rt. | 703.07 | 703.22 |
| BL | 536+83.00 | 4.83 Rt. | 702.90 | 703.01 |
| BM | 536+93.00 | 4.83 Rt. | 702.73 | 702.80 |
| ☉ Brg. S. Abut. | 537+08.00 | 4.83 Rt. | 702.46 | 702.46 |
| BK S. Abut. | 537+09.37 | 4.83 Rt. | 702.44 | 702.44 |

TYLIN INTERNATIONAL

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

THIS SHEET FOR
INFORMATION ONLY

TOP OF SLAB ELEVATIONS
(4 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