

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                       |          |                  |              |           |              |
|-----------------------|----------|------------------|--------------|-----------|--------------|
| ROUTE NO.             | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. | SHEET NO. 57 |
| F.A.I. 39             | 50-4B    | LASALLE          |              | 19        | 313 SHEETS   |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT |              |           |              |

Contract # 66586

**GIRDER 9**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| ⊙ Brg. Pier 17 | 834+60.92 | 30.958 | 533.496                      | 533.496   |
| 2              | 834+70.92 | 30.958 | 533.449                      | 533.509   |
| 3              | 834+80.92 | 30.958 | 533.403                      | 533.515   |
| 4              | 834+90.92 | 30.958 | 533.357                      | 533.515   |
| 5              | 835+00.92 | 30.958 | 533.311                      | 533.499   |
| 6              | 835+10.92 | 30.958 | 533.264                      | 533.469   |
| 7              | 835+20.92 | 30.958 | 533.218                      | 533.429   |
| 8              | 835+30.92 | 30.958 | 533.172                      | 533.373   |
| 9              | 835+40.92 | 30.958 | 533.126                      | 533.305   |
| 10             | 835+50.92 | 30.958 | 533.080                      | 533.229   |
| 11             | 835+60.92 | 30.958 | 533.033                      | 533.147   |
| 12             | 835+70.92 | 30.958 | 532.987                      | 533.066   |
| 13             | 835+80.92 | 30.958 | 532.941                      | 532.989   |
| 14             | 835+90.92 | 30.958 | 532.895                      | 532.915   |
| ⊙ Pier 18      | 836+05.00 | 30.958 | 532.829                      | 532.829   |
| 16             | 836+15.00 | 30.958 | 532.783                      | 532.789   |
| 17             | 836+25.00 | 30.958 | 532.737                      | 532.755   |
| 18             | 836+35.00 | 30.958 | 532.691                      | 532.729   |
| 19             | 836+45.00 | 30.958 | 532.645                      | 532.709   |
| 20             | 836+55.00 | 30.958 | 532.598                      | 532.691   |
| 21             | 836+65.00 | 30.958 | 532.552                      | 532.671   |
| 22             | 836+75.00 | 30.958 | 532.506                      | 532.646   |
| 23             | 836+85.00 | 30.958 | 532.460                      | 532.614   |
| 24             | 836+95.00 | 30.958 | 532.413                      | 532.570   |
| 25             | 837+05.00 | 30.958 | 532.367                      | 532.520   |
| 26             | 837+15.00 | 30.958 | 532.321                      | 532.455   |
| 27             | 837+25.00 | 30.958 | 532.275                      | 532.384   |
| 28             | 837+35.00 | 30.958 | 532.228                      | 532.307   |
| 29             | 837+45.00 | 30.958 | 532.182                      | 532.232   |
| 30             | 837+55.00 | 30.958 | 532.136                      | 532.158   |
| 31             | 837+65.00 | 30.958 | 532.090                      | 532.097   |
| ⊙ Pier 19      | 837+70.00 | 30.958 | 532.067                      | 532.067   |
| 33             | 837+80.00 | 30.958 | 532.020                      | 532.027   |
| 34             | 837+90.00 | 30.958 | 531.974                      | 531.992   |
| 35             | 838+00.00 | 30.958 | 531.928                      | 531.967   |
| 36             | 838+10.00 | 30.958 | 531.882                      | 531.944   |
| 37             | 838+20.00 | 30.958 | 531.835                      | 531.920   |
| 38             | 838+30.00 | 30.958 | 531.789                      | 531.891   |
| 39             | 838+40.00 | 30.958 | 531.743                      | 531.856   |
| 40             | 838+50.00 | 30.958 | 531.697                      | 531.813   |
| 41             | 838+60.00 | 30.958 | 531.650                      | 531.760   |
| 42             | 838+70.00 | 30.958 | 531.604                      | 531.702   |
| 43             | 838+80.00 | 30.958 | 531.558                      | 531.636   |
| 44             | 838+90.00 | 30.958 | 531.512                      | 531.568   |
| 45             | 839+00.00 | 30.958 | 531.465                      | 531.499   |

**GIRDER 9 (CONT'D)**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| 46             | 839+10.00 | 30.958 | 531.419                      | 531.435   |
| 47             | 839+20.00 | 30.958 | 531.373                      | 531.375   |
| 48             | 839+30.00 | 30.958 | 531.327                      | 531.327   |
| ⊙ Pier 20      | 839+35.00 | 30.958 | 531.304                      | 531.304   |
| 50             | 839+45.00 | 30.958 | 531.257                      | 531.276   |
| 51             | 839+55.00 | 30.958 | 531.211                      | 531.256   |
| 52             | 839+65.00 | 30.958 | 531.165                      | 531.242   |
| 53             | 839+75.00 | 30.958 | 531.119                      | 531.234   |
| 54             | 839+85.00 | 30.958 | 531.072                      | 531.225   |
| 55             | 839+95.00 | 30.958 | 531.026                      | 531.214   |
| 56             | 840+05.00 | 30.958 | 530.980                      | 531.193   |
| 57             | 840+15.00 | 30.958 | 530.934                      | 531.159   |
| 58             | 840+25.00 | 30.958 | 530.887                      | 531.113   |
| 59             | 840+35.00 | 30.958 | 530.841                      | 531.055   |
| 60             | 840+45.00 | 30.958 | 530.795                      | 530.977   |
| 61             | 840+55.00 | 30.958 | 530.749                      | 530.889   |
| 62             | 840+65.00 | 30.958 | 530.702                      | 530.791   |
| ⊙ Brg. Pier 21 | 840+79.08 | 30.958 | 530.637                      | 530.637   |

**GIRDER 10**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| ⊙ Brg. Pier 17 | 834+60.92 | 40.208 | 533.311                      | 533.311   |
| 2              | 834+70.92 | 40.208 | 533.264                      | 533.316   |
| 3              | 834+80.92 | 40.208 | 533.218                      | 533.316   |
| 4              | 834+90.92 | 40.208 | 533.172                      | 533.310   |
| 5              | 835+00.92 | 40.208 | 533.126                      | 533.290   |
| 6              | 835+10.92 | 40.208 | 533.079                      | 533.258   |
| 7              | 835+20.92 | 40.208 | 533.033                      | 533.217   |
| 8              | 835+30.92 | 40.208 | 532.987                      | 533.163   |
| 9              | 835+40.92 | 40.208 | 532.941                      | 533.097   |
| 10             | 835+50.92 | 40.208 | 532.895                      | 533.026   |
| 11             | 835+60.92 | 40.208 | 532.848                      | 532.948   |
| 12             | 835+70.92 | 40.208 | 532.802                      | 532.872   |
| 13             | 835+80.92 | 40.208 | 532.756                      | 532.798   |
| 14             | 835+90.92 | 40.208 | 532.710                      | 532.727   |
| ⊙ Pier 18      | 836+05.00 | 40.208 | 532.644                      | 532.644   |
| 16             | 836+15.00 | 40.208 | 532.598                      | 532.604   |
| 17             | 836+25.00 | 40.208 | 532.552                      | 532.567   |
| 18             | 836+35.00 | 40.208 | 532.506                      | 532.540   |
| 19             | 836+45.00 | 40.208 | 532.460                      | 532.516   |
| 20             | 836+55.00 | 40.208 | 532.413                      | 532.494   |
| 21             | 836+65.00 | 40.208 | 532.367                      | 532.471   |
| 22             | 836+75.00 | 40.208 | 532.321                      | 532.444   |
| 23             | 836+85.00 | 40.208 | 532.275                      | 532.410   |
| 24             | 836+95.00 | 40.208 | 532.228                      | 532.365   |
| 25             | 837+05.00 | 40.208 | 532.182                      | 532.316   |
| 26             | 837+15.00 | 40.208 | 532.136                      | 532.253   |
| 27             | 837+25.00 | 40.208 | 532.090                      | 532.185   |
| 28             | 837+35.00 | 40.208 | 532.043                      | 532.112   |
| 29             | 837+45.00 | 40.208 | 531.997                      | 532.040   |
| 30             | 837+55.00 | 40.208 | 531.951                      | 531.970   |
| 31             | 837+65.00 | 40.208 | 531.905                      | 531.911   |
| ⊙ Pier 19      | 837+70.00 | 40.208 | 531.882                      | 531.882   |
| 33             | 837+80.00 | 40.208 | 531.835                      | 531.841   |
| 34             | 837+90.00 | 40.208 | 531.789                      | 531.805   |
| 35             | 838+00.00 | 40.208 | 531.743                      | 531.778   |
| 36             | 838+10.00 | 40.208 | 531.697                      | 531.751   |
| 37             | 838+20.00 | 40.208 | 531.650                      | 531.725   |
| 38             | 838+30.00 | 40.208 | 531.604                      | 531.694   |
| 39             | 838+40.00 | 40.208 | 531.558                      | 531.657   |
| 40             | 838+50.00 | 40.208 | 531.512                      | 531.614   |
| 41             | 838+60.00 | 40.208 | 531.465                      | 531.562   |
| 42             | 838+70.00 | 40.208 | 531.419                      | 531.506   |
| 43             | 838+80.00 | 40.208 | 531.373                      | 531.441   |
| 44             | 838+90.00 | 40.208 | 531.327                      | 531.376   |
| 45             | 839+00.00 | 40.208 | 531.280                      | 531.310   |

**GIRDER 10 (CONT'D)**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|---|
| 46             | 839+10.00 | 40.208 | 531.234                      | 531.249   |
| 47             | 839+20.00 | 40.208 | 531.188                      | 531.190   |
| 48             | 839+30.00 | 40.208 | 531.142                      | 531.142   |
| ⊙ Pier 20      | 839+35.00 | 40.208 | 531.119                      | 531.119   |
| 50             | 839+45.00 | 40.208 | 531.072                      | 531.089   |
| 51             | 839+55.00 | 40.208 | 531.026                      | 531.065   |
| 52             | 839+65.00 | 40.208 | 530.980                      | 531.047   |
| 53             | 839+75.00 | 40.208 | 530.934                      | 531.034   |
| 54             | 839+85.00 | 40.208 | 530.887                      | 531.021   |
| 55             | 839+95.00 | 40.208 | 530.841                      | 531.005   |
| 56             | 840+05.00 | 40.208 | 530.795                      | 530.981   |
| 57             | 840+15.00 | 40.208 | 530.749                      | 530.945   |
| 58             | 840+25.00 | 40.208 | 530.702                      | 530.900   |
| 59             | 840+35.00 | 40.208 | 530.656                      | 530.843   |
| 60             | 840+45.00 | 40.208 | 530.610                      | 530.769   |
| 61             | 840+55.00 | 40.208 | 530.564                      | 530.686   |
| 62             | 840+65.00 | 40.208 | 530.517                      | 530.595   |
| ⊙ Brg. Pier 21 | 840+79.08 | 40.208 | 530.452                      | 530.452   |

**NOTES:**

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊙/⊙ F.A.I. 39.
2. Work this sheet with sheet 51.

**TOP OF SLAB ELEVATIONS-SPANS 18 THRU 21  
ABRAHAM LINCOLN MEMORIAL BRIDGE OVER  
THE ILLINOIS RIVER (PUBLIC WATERS)**

**F.A.I. ROUTE 39 SEC. (50-4B) BR**

**LASALLE COUNTY**

**STATION 863+16.00**

**STRUCTURE NO. 050-0191 (SB & NB)**

**benesch**

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-965-0450  
Job # 3856

|            |     |
|------------|-----|
| DESIGNED - | AJK |
| CHECKED -  | MRB |
| DRAWN -    | VH  |
| CHECKED -  | MRB |

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