

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-----------|------------------|--------------|-----------|
| 80 | 32-3HBR-1 | GRUNDY | 88 | 34 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. B7
OF 35 SHEETS

Girder 4

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted for Dead Load Deflection |
|--------------------|------------|--------|------------------------------|---|
| Bk. of North Abut. | 108+76.574 | 2.875 | 567.645 | 567.645 |
| ☉ Brg. North Abut. | 108+80.491 | 2.875 | 567.687 | 567.687 |
| A | 108+90.491 | 2.875 | 567.787 | 567.847 |
| B | 109+00.491 | 2.875 | 567.878 | 567.991 |
| C | 109+10.491 | 2.875 | 567.961 | 568.115 |
| D | 109+20.491 | 2.875 | 568.035 | 568.214 |
| E | 109+30.491 | 2.875 | 568.100 | 568.287 |
| F | 109+40.491 | 2.875 | 568.156 | 568.334 |
| G | 109+50.491 | 2.875 | 568.204 | 568.358 |
| H | 109+60.491 | 2.875 | 568.243 | 568.363 |
| I | 109+70.491 | 2.875 | 568.273 | 568.353 |
| J | 109+80.491 | 2.875 | 568.295 | 568.342 |
| K | 109+90.491 | 2.875 | 568.307 | 568.324 |
| ☉ Brg. Pier | 110+02.074 | 2.875 | 568.311 | 568.311 |
| L | 110+12.074 | 2.875 | 568.305 | 568.316 |
| M | 110+22.074 | 2.875 | 568.290 | 568.328 |
| N | 110+32.074 | 2.875 | 568.266 | 568.340 |
| O | 110+42.074 | 2.875 | 568.234 | 568.347 |
| P | 110+52.074 | 2.875 | 568.193 | 568.342 |
| Q | 110+62.074 | 2.875 | 568.143 | 568.318 |
| R | 110+72.074 | 2.875 | 568.084 | 568.270 |
| S | 110+82.074 | 2.875 | 568.017 | 568.198 |
| T | 110+92.074 | 2.875 | 567.941 | 568.100 |
| U | 111+02.074 | 2.875 | 567.856 | 567.977 |
| V | 111+12.074 | 2.875 | 567.762 | 567.831 |
| ☉ Brg. South Abut. | 111+23.657 | 2.875 | 567.643 | 567.643 |
| Bk. of South Abut. | 111+27.574 | 2.875 | 567.600 | 567.600 |

Girder 6

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted for Dead Load Deflection |
|--------------------|------------|--------|------------------------------|---|
| Bk. of North Abut. | 108+84.871 | 14.375 | 567.547 | 567.547 |
| ☉ Brg. North Abut. | 108+88.788 | 14.375 | 567.586 | 567.586 |
| A | 108+98.788 | 14.375 | 567.679 | 567.739 |
| B | 109+08.788 | 14.375 | 567.763 | 567.876 |
| C | 109+18.788 | 14.375 | 567.839 | 567.993 |
| D | 109+28.788 | 14.375 | 567.905 | 568.084 |
| E | 109+38.788 | 14.375 | 567.963 | 568.150 |
| F | 109+48.788 | 14.375 | 568.012 | 568.190 |
| G | 109+58.788 | 14.375 | 568.053 | 568.207 |
| H | 109+68.788 | 14.375 | 568.084 | 568.204 |
| I | 109+78.788 | 14.375 | 568.107 | 568.187 |
| J | 109+88.788 | 14.375 | 568.122 | 568.169 |
| K | 109+98.788 | 14.375 | 568.127 | 568.144 |
| ☉ Brg. Pier | 110+10.371 | 14.375 | 568.122 | 568.122 |
| L | 110+20.371 | 14.375 | 568.109 | 568.120 |
| M | 110+30.371 | 14.375 | 568.087 | 568.125 |
| N | 110+40.371 | 14.375 | 568.056 | 568.130 |
| O | 110+50.371 | 14.375 | 568.016 | 568.129 |
| P | 110+60.371 | 14.375 | 567.968 | 568.117 |
| Q | 110+70.371 | 14.375 | 567.910 | 568.085 |
| R | 110+80.371 | 14.375 | 567.844 | 568.030 |
| S | 110+90.371 | 14.375 | 567.770 | 567.951 |
| T | 111+00.371 | 14.375 | 567.686 | 567.845 |
| U | 111+10.371 | 14.375 | 567.594 | 567.715 |
| V | 111+20.371 | 14.375 | 567.493 | 567.562 |
| ☉ Brg. South Abut. | 111+31.954 | 14.375 | 567.365 | 567.365 |
| Bk. of South Abut. | 111+35.871 | 14.375 | 567.320 | 567.320 |

Girder 5

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevation Adjusted for Dead Load Deflection |
|--------------------|------------|--------|------------------------------|---|
| Bk. of North Abut. | 108+80.722 | 8.625 | 567.603 | 567.603 |
| ☉ Brg. North Abut. | 108+84.639 | 8.625 | 567.643 | 567.643 |
| A | 108+94.639 | 8.625 | 567.740 | 567.800 |
| B | 109+04.639 | 8.625 | 567.827 | 567.940 |
| C | 109+14.639 | 8.625 | 567.906 | 568.060 |
| D | 109+24.639 | 8.625 | 567.977 | 568.156 |
| E | 109+34.639 | 8.625 | 568.038 | 568.225 |
| F | 109+44.639 | 8.625 | 568.091 | 568.269 |
| G | 109+54.639 | 8.625 | 568.135 | 568.289 |
| H | 109+64.639 | 8.625 | 568.170 | 568.290 |
| I | 109+74.639 | 8.625 | 568.197 | 568.277 |
| J | 109+84.639 | 8.625 | 568.215 | 568.262 |
| K | 109+94.639 | 8.625 | 568.224 | 568.241 |
| ☉ Brg. Pier | 110+06.222 | 8.625 | 568.223 | 568.223 |
| L | 110+16.222 | 8.625 | 568.214 | 568.225 |
| M | 110+26.222 | 8.625 | 568.195 | 568.233 |
| N | 110+36.222 | 8.625 | 568.168 | 568.242 |
| O | 110+46.222 | 8.625 | 568.132 | 568.245 |
| P | 110+56.222 | 8.625 | 568.087 | 568.236 |
| Q | 110+66.222 | 8.625 | 568.033 | 568.208 |
| R | 110+76.222 | 8.625 | 567.971 | 568.157 |
| S | 110+86.222 | 8.625 | 567.900 | 568.081 |
| T | 110+96.222 | 8.625 | 567.820 | 567.979 |
| U | 111+06.222 | 8.625 | 567.732 | 567.853 |
| V | 111+16.222 | 8.625 | 567.634 | 567.703 |
| ☉ Brg. South Abut. | 111+27.805 | 8.625 | 567.511 | 567.511 |
| Bk. of South Abut. | 111+31.722 | 8.625 | 567.466 | 567.466 |

NOTES:

- 1.) Work this sheet with Sheets B5 & B6.
- 2.) For Elevation Locations see Sheet B5.

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION TOP OF SLAB ELEVATIONS F.A.I. 80 (I-80) F.A.U. 5974 (ASHLEY ROAD) OVER I-80 SECTION 32-3HBR-1 GRUNDY COUNTY STATION 110+00.00 STRUCTURE NO. 032-0113 DESIGNED BY: JML DATE: 09/09/05 |
|-----------|------|--|
| NAME | DATE | |
| | | DRAWN BY: DJM |
| | | CHECKED BY: MSW |