

CL EB FAI 280 & PROFILE GRADE LINE

| Location        | Station  | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Back W. Abut.   | 24087.85 | 44.40  | 581.13                             | 581.13                                                                  |
| CL Brg W. Abut. | 24089.10 | 44.40  | 581.10                             | 581.10                                                                  |
| A               | 24099.10 | 44.40  | 580.89                             | 580.90                                                                  |
| B               | 24109.10 | 44.40  | 580.68                             | 580.69                                                                  |
| C               | 24119.10 | 44.40  | 580.47                             | 580.47                                                                  |
| CL Pier 1       | 24132.39 | 44.40  | 580.20                             | 580.20                                                                  |
| D               | 24142.39 | 44.40  | 579.99                             | 580.01                                                                  |
| E               | 24152.39 | 44.40  | 579.78                             | 579.84                                                                  |
| F               | 24162.39 | 44.40  | 579.57                             | 579.65                                                                  |
| G               | 24172.39 | 44.40  | 579.36                             | 579.44                                                                  |
| H               | 24182.39 | 44.40  | 579.15                             | 579.21                                                                  |
| I               | 24192.39 | 44.40  | 578.95                             | 578.98                                                                  |
| CL Pier 2       | 24202.23 | 44.40  | 578.76                             | 578.76                                                                  |
| J               | 24212.23 | 44.40  | 578.56                             | 578.56                                                                  |
| K               | 24222.23 | 44.40  | 578.38                             | 578.38                                                                  |
| L               | 24232.23 | 44.40  | 578.20                             | 578.20                                                                  |
| CL Brg E. Abut. | 24245.52 | 44.40  | 577.96                             | 577.96                                                                  |
| Back E. Abut.   | 24246.77 | 44.40  | 577.94                             | 577.94                                                                  |

BEAM 11

| Location        | Station  | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Back W. Abut.   | 24087.85 | 46.40  | 581.10                             | 581.10                                                                  |
| CL Brg W. Abut. | 24089.10 | 46.40  | 581.07                             | 581.07                                                                  |
| A               | 24099.10 | 46.40  | 580.86                             | 580.87                                                                  |
| B               | 24109.10 | 46.40  | 580.65                             | 580.66                                                                  |
| C               | 24119.10 | 46.40  | 580.44                             | 580.44                                                                  |
| CL Pier 1       | 24132.39 | 46.40  | 580.16                             | 580.16                                                                  |
| D               | 24142.39 | 46.40  | 579.95                             | 579.98                                                                  |
| E               | 24152.39 | 46.40  | 579.74                             | 579.81                                                                  |
| F               | 24162.39 | 46.40  | 579.54                             | 579.62                                                                  |
| G               | 24172.39 | 46.40  | 579.33                             | 579.41                                                                  |
| H               | 24182.39 | 46.40  | 579.12                             | 579.18                                                                  |
| I               | 24192.39 | 46.40  | 578.92                             | 578.95                                                                  |
| CL Pier 2       | 24202.23 | 46.40  | 578.72                             | 578.72                                                                  |
| J               | 24212.23 | 46.40  | 578.53                             | 578.53                                                                  |
| K               | 24222.23 | 46.40  | 578.34                             | 578.35                                                                  |
| L               | 24232.23 | 46.40  | 578.16                             | 578.17                                                                  |
| CL Brg E. Abut. | 24245.52 | 46.40  | 577.93                             | 577.93                                                                  |
| Back E. Abut.   | 24246.77 | 46.40  | 577.91                             | 577.91                                                                  |

BEAM 12

| Location        | Station  | Offset | Theoretical<br>Grade<br>Elevations | Theoretical Grade<br>Elevations<br>Adjusted For Dead<br>Load Deflection |
|-----------------|----------|--------|------------------------------------|-------------------------------------------------------------------------|
| Back W. Abut.   | 24087.85 | 52.56  | 581.00                             | 581.00                                                                  |
| CL Brg W. Abut. | 24089.10 | 52.56  | 580.97                             | 580.97                                                                  |
| A               | 24099.10 | 52.56  | 580.76                             | 580.77                                                                  |
| B               | 24109.10 | 52.56  | 580.55                             | 580.56                                                                  |
| C               | 24119.10 | 52.56  | 580.34                             | 580.34                                                                  |
| CL Pier 1       | 24132.39 | 52.56  | 580.07                             | 580.07                                                                  |
| D               | 24142.39 | 52.56  | 579.86                             | 579.88                                                                  |
| E               | 24152.39 | 52.56  | 579.65                             | 579.71                                                                  |
| F               | 24162.39 | 52.56  | 579.44                             | 579.52                                                                  |
| G               | 24172.39 | 52.56  | 579.23                             | 579.31                                                                  |
| H               | 24182.39 | 52.56  | 579.02                             | 579.08                                                                  |
| I               | 24192.39 | 52.56  | 578.82                             | 578.85                                                                  |
| CL Pier 2       | 24202.23 | 52.56  | 578.63                             | 578.63                                                                  |
| J               | 24212.23 | 52.56  | 578.43                             | 578.43                                                                  |
| K               | 24222.23 | 52.56  | 578.25                             | 578.25                                                                  |
| L               | 24232.23 | 52.56  | 578.07                             | 578.07                                                                  |
| CL Brg E. Abut. | 24245.52 | 52.56  | 577.83                             | 577.83                                                                  |
| Back E. Abut.   | 24246.77 | 52.56  | 577.81                             | 577.81                                                                  |

TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 081-0191 (EB)

**CB** Coombe-Bloxdorf P.C.  
-CIVIL ENGINEERS-  
-STRUCTURAL ENGINEERS-  
-LAND SURVEYORS-  
Design Firm License No.184-002703

PROJECT NO. 09033  
SCALE  
DATE 5/18/10  
DESIGN BY  
DRAWN BY MML  
CHECKED BY MCB

SHEET NO. 13

41 SHEETS

| F.A.I.<br>RTE.                                  | SECTION     | COUNTY      | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------------------------------------|-------------|-------------|-----------------|--------------|
| 280                                             | 81-1 (HB-1) | ROCK ISLAND | 503             | 254          |
| CONTRACT NO. 64815                              |             |             |                 |              |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |             |             |                 |              |