

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|-----------------------|----------|------------------|--------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A.P. 595 | 5HBR | Rock Island | 139 | 56 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

Contract #64931

SHEET NO. 6
33 SHEETS

BEAM 1

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-------------------|----------|--------|------------------------------|--|
| Bk. of S. Abut | 62262.06 | -48.74 | 643.734 | 643.734 |
| Cl. Brg. S. Abut. | 62265.78 | -48.55 | 643.634 | 643.634 |
| A | 62275.76 | -48.02 | 643.366 | 643.409 |
| B | 62285.75 | -47.49 | 643.098 | 643.174 |
| C | 62295.73 | -46.97 | 642.830 | 642.922 |
| D | 62305.72 | -46.44 | 642.562 | 642.651 |
| E | 62315.71 | -45.91 | 642.294 | 642.363 |
| F | 62325.69 | -45.39 | 642.025 | 642.065 |
| F1 | 62335.68 | -44.86 | 641.757 | 641.768 |
| Cl. Brg. Pier | 62341.45 | -44.56 | 641.602 | 641.602 |
| G | 62351.43 | -44.03 | 641.334 | 641.333 |
| H | 62361.42 | -43.50 | 641.066 | 641.075 |
| I | 62371.41 | -42.98 | 640.798 | 640.817 |
| J | 62381.39 | -42.45 | 640.530 | 640.553 |
| K | 62391.38 | -41.92 | 640.262 | 640.278 |
| Cl. Brg. N. Abut. | 62403.22 | -41.30 | 639.944 | 639.944 |
| Bk. of N. Abut | 62406.90 | -41.10 | 639.845 | 639.845 |

BEAM 2

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-------------------|----------|--------|------------------------------|--|
| Bk. of S. Abut | 62266.15 | -41.23 | 643.770 | 643.770 |
| Cl. Brg. S. Abut. | 62269.81 | -41.13 | 643.670 | 643.670 |
| A | 62279.81 | -40.87 | 643.396 | 643.442 |
| B | 62289.80 | -40.60 | 643.122 | 643.204 |
| C | 62299.80 | -40.34 | 642.849 | 642.947 |
| D | 62309.80 | -40.07 | 642.575 | 642.670 |
| E | 62319.79 | -39.81 | 642.302 | 642.376 |
| F | 62329.79 | -39.54 | 642.028 | 642.070 |
| Cl. Brg. Pier | 62344.39 | -39.16 | 641.629 | 641.629 |
| G | 62354.38 | -38.89 | 641.355 | 641.348 |
| H | 62364.38 | -38.63 | 641.081 | 641.079 |
| I | 62374.37 | -38.36 | 640.808 | 640.813 |
| J | 62384.37 | -38.10 | 640.534 | 640.543 |
| K | 62394.37 | -37.84 | 640.260 | 640.267 |
| Cl. Brg. N. Abut. | 62405.26 | -37.55 | 639.962 | 639.962 |
| Bk. of N. Abut | 62408.89 | -37.45 | 639.863 | 639.863 |

BEAM 3

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-------------------|----------|--------|------------------------------|--|
| Bk. of S. Abut. | 62270.24 | -33.71 | 643.81 | 643.81 |
| Cl. Brg. S. Abut. | 62273.85 | -33.71 | 643.71 | 643.71 |
| A | 62283.85 | -33.71 | 643.43 | 643.47 |
| B | 62293.85 | -33.71 | 643.15 | 643.22 |
| C | 62303.85 | -33.71 | 642.87 | 642.95 |
| D | 62313.85 | -33.71 | 642.59 | 642.68 |
| E | 62323.85 | -33.71 | 642.31 | 642.37 |
| F | 62333.85 | -33.71 | 642.03 | 642.07 |
| Cl. Brg. Pier | 62347.35 | -33.71 | 641.65 | 641.65 |
| G | 62357.35 | -33.71 | 641.38 | 641.38 |
| H | 62367.35 | -33.71 | 641.10 | 641.10 |
| I | 62377.35 | -33.71 | 640.82 | 640.84 |
| J | 62387.35 | -33.71 | 640.54 | 640.56 |
| K | 62397.35 | -33.71 | 640.26 | 640.27 |
| Cl. Brg. N. Abut. | 62407.35 | -33.71 | 639.98 | 639.98 |
| Bk. of N. Abut. | 62410.92 | -33.71 | 639.88 | 639.88 |

BEAM 4

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-------------------|----------|--------|------------------------------|--|
| Bk. of S. Abut. | 62274.27 | -26.3 | 643.84 | 643.84 |
| Cl. Brg. S. Abut. | 62277.88 | -26.3 | 643.74 | 643.74 |
| A | 62287.88 | -26.3 | 643.46 | 643.50 |
| B | 62297.88 | -26.3 | 643.18 | 643.26 |
| C | 62307.88 | -26.3 | 642.90 | 642.99 |
| D | 62317.88 | -26.3 | 642.63 | 642.71 |
| E | 62327.88 | -26.3 | 642.35 | 642.41 |
| F | 62337.88 | -26.3 | 642.07 | 642.11 |
| Cl. Brg. Pier | 62351.38 | -26.3 | 641.69 | 641.69 |
| G | 62361.38 | -26.3 | 641.41 | 641.41 |
| H | 62371.38 | -26.3 | 641.13 | 641.14 |
| I | 62381.38 | -26.3 | 640.85 | 640.87 |
| J | 62391.38 | -26.3 | 640.57 | 640.60 |
| K | 62401.38 | -26.3 | 640.30 | 640.31 |
| Cl. Brg. N. Abut. | 62411.38 | -26.3 | 640.02 | 640.02 |
| Bk. of N. Abut. | 62414.96 | -26.3 | 639.92 | 639.92 |

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| DESIGNED | Dewey H. Coultas |
| CHECKED | Chad E. Hodel |
| DRAWN | W.D. Collins |
| CHECKED | D.H.C./C.E.H. |

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|----------|---|
| EXAMINED | Thomas J. Domagala ENGINEER OF BRIDGE DESIGN |
| PASSED | Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES |

E-S

10-22-04

TOP OF SLAB ELEVATIONS
IL. RTE. 5 OVER IL. RTE. 84
F.A.P. RTE. 595 - SECTION 5HBR
ROCK ISLAND COUNTY
STATION 623+65.69
S.N. 081-0169