

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|-----------------------|-----------------|------------------|--------------|-----------|--------------------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 7 24 SHEETS |
| FAI 74 | (57-22) BR-3 | McLEAN | 42 | 18 | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | | |

Contract #70672

BEAM 5

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted for Dead Load Deflection & Grinding |
|-------------------|-----------|--------|------------------------------|---|
| BK. W. ABUT. | 103804.25 | 12.81 | 757.25 | 757.27 |
| CL. EXP. JT. | 103805.83 | 12.81 | 757.24 | 757.26 |
| CL. BRG. W. ABUT. | 103806.54 | 12.81 | 757.23 | 757.25 |
| A | 103816.54 | 12.81 | 757.16 | 757.20 |
| B | 103826.54 | 12.81 | 757.08 | 757.14 |
| C | 103836.54 | 12.81 | 757.01 | 757.08 |
| D | 103846.54 | 12.81 | 756.94 | 756.99 |
| E | 103856.54 | 12.81 | 756.88 | 756.91 |
| CL. BRG. PIER 1 | 103865.54 | 12.81 | 756.83 | 756.85 |
| F | 103875.54 | 12.81 | 756.77 | 756.80 |
| G | 103885.54 | 12.81 | 756.72 | 756.76 |
| H | 103895.54 | 12.81 | 756.67 | 756.72 |
| I | 103905.54 | 12.81 | 756.63 | 756.68 |
| J | 103915.54 | 12.81 | 756.59 | 756.63 |
| K | 103925.54 | 12.81 | 756.55 | 756.58 |
| CL. BRG. PIER 2 | 103934.46 | 12.81 | 756.52 | 756.54 |
| L | 103944.46 | 12.81 | 756.49 | 756.52 |
| M | 103954.46 | 12.81 | 756.46 | 756.51 |
| N | 103964.46 | 12.81 | 756.44 | 756.50 |
| O | 103974.46 | 12.81 | 756.42 | 756.48 |
| P | 103984.46 | 12.81 | 756.40 | 756.45 |
| CL. BRG. E. ABUT. | 103993.46 | 12.81 | 756.39 | 756.41 |
| CL. EXP. JT. | 103994.17 | 12.81 | 756.39 | 756.41 |
| BK. E. ABUT. | 103995.75 | 12.81 | 756.39 | 756.41 |

BEAM 6

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted for Dead Load Deflection & Grinding |
|-------------------|-----------|--------|------------------------------|---|
| BK. W. ABUT. | 103804.25 | 20.02 | 757.10 | 757.12 |
| CL. EXP. JT. | 103805.83 | 20.02 | 757.09 | 757.11 |
| CL. BRG. W. ABUT. | 103806.54 | 20.02 | 757.08 | 757.10 |
| A | 103816.54 | 20.02 | 757.01 | 757.05 |
| B | 103826.54 | 20.02 | 756.93 | 756.99 |
| C | 103836.54 | 20.02 | 756.86 | 756.93 |
| D | 103846.54 | 20.02 | 756.79 | 756.84 |
| E | 103856.54 | 20.02 | 756.73 | 756.77 |
| CL. BRG. PIER 1 | 103865.54 | 20.02 | 756.68 | 756.70 |
| F | 103875.54 | 20.02 | 756.62 | 756.65 |
| G | 103885.54 | 20.02 | 756.57 | 756.61 |
| H | 103895.54 | 20.02 | 756.52 | 756.57 |
| I | 103905.54 | 20.02 | 756.48 | 756.53 |
| J | 103915.54 | 20.02 | 756.44 | 756.48 |
| K | 103925.54 | 20.02 | 756.40 | 756.43 |
| CL. BRG. PIER 2 | 103934.46 | 20.02 | 756.37 | 756.39 |
| L | 103944.46 | 20.02 | 756.34 | 756.37 |
| M | 103954.46 | 20.02 | 756.31 | 756.36 |
| N | 103964.46 | 20.02 | 756.29 | 756.35 |
| O | 103974.46 | 20.02 | 756.27 | 756.33 |
| P | 103984.46 | 20.02 | 756.25 | 756.30 |
| CL. BRG. E. ABUT. | 103993.46 | 20.02 | 756.24 | 756.26 |
| CL. EXP. JT. | 103994.17 | 20.02 | 756.24 | 756.26 |
| BK. E. ABUT. | 103995.75 | 20.02 | 756.24 | 756.26 |

| | |
|----------|------------|
| DESIGNED | DPN |
| CHECKED | SMR |
| DRAWN | h.t. duong |
| CHECKED | DPN/SMR |

Jan. 31, 2008
 EXAMINED *Thomas J. Domagalak*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.I. RT. 74 - SEC. (57-22)BR-3
 McLEAN COUNTY
 STATION 1039+00
 STRUCTURE NO. 057-0125 (E.B.)