

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|------------------|--------------|-----------|
| FA 773 IL 121 | (109B) B-1 | CUMBERLAND | 96 | 64 |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. 7
25 SHEETS

Contract # 74237

BEAM 4

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|--------------------|-----------|--------|------------------------------|--|
| Back of West Abut. | 573+86.93 | 2.94 | 565.29 | 565.29 |
| CL Brg. W. Abut. | 573+88.26 | 2.94 | 565.26 | 565.26 |
| A | 573+98.26 | 2.94 | 565.06 | 565.07 |
| B | 574+08.26 | 2.94 | 564.86 | 564.88 |
| C | 574+18.26 | 2.94 | 564.67 | 564.70 |
| D | 574+28.26 | 2.94 | 564.49 | 564.51 |
| CL W. Brg. Pier 1 | 574+43.18 | 2.94 | 564.22 | 564.22 |
| CL E. Brg. Pier 1 | 574+44.68 | 2.94 | 564.20 | 564.20 |
| E | 574+54.68 | 2.94 | 564.03 | 564.06 |
| F | 574+64.68 | 2.94 | 563.86 | 563.92 |
| G | 574+74.68 | 2.94 | 563.70 | 563.78 |
| H | 574+84.68 | 2.94 | 563.54 | 563.63 |
| I | 574+94.68 | 2.94 | 563.39 | 563.47 |
| J | 575+04.68 | 2.94 | 563.24 | 563.30 |
| K | 575+14.68 | 2.94 | 563.10 | 563.13 |
| CL W. Brg. Pier 2 | 575+21.18 | 2.94 | 563.01 | 563.01 |
| CL E. Brg. Pier 2 | 575+22.68 | 2.94 | 562.99 | 562.99 |
| L | 575+32.68 | 2.94 | 562.86 | 562.88 |
| M | 575+42.68 | 2.94 | 562.74 | 562.76 |
| N | 575+52.68 | 2.94 | 562.61 | 562.64 |
| O | 575+62.68 | 2.94 | 562.50 | 562.52 |
| CL Brg. E. Abut. | 575+77.60 | 2.94 | 562.33 | 562.33 |
| Back of East Abut. | 575+78.93 | 2.94 | 562.32 | 562.32 |

BEAM 5

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|--------------------|-----------|--------|------------------------------|--|
| Back of West Abut. | 573+84.79 | 8.81 | 565.24 | 565.24 |
| CL Brg. W. Abut. | 573+86.12 | 8.81 | 565.21 | 565.21 |
| A | 573+96.12 | 8.81 | 565.01 | 565.02 |
| B | 574+06.12 | 8.81 | 564.81 | 564.83 |
| C | 574+16.12 | 8.81 | 564.62 | 564.65 |
| D | 574+26.12 | 8.81 | 564.44 | 564.45 |
| CL W. Brg. Pier 1 | 574+41.04 | 8.81 | 564.17 | 564.17 |
| CL E. Brg. Pier 1 | 574+42.54 | 8.81 | 564.14 | 564.14 |
| E | 574+52.54 | 8.81 | 563.97 | 564.01 |
| F | 574+62.54 | 8.81 | 563.80 | 563.87 |
| G | 574+72.54 | 8.81 | 563.64 | 563.72 |
| H | 574+82.54 | 8.81 | 563.48 | 563.57 |
| I | 574+92.54 | 8.81 | 563.33 | 563.41 |
| J | 575+02.54 | 8.81 | 563.18 | 563.24 |
| K | 575+12.54 | 8.81 | 563.04 | 563.06 |
| CL W. Brg. Pier 2 | 575+19.04 | 8.81 | 562.95 | 562.95 |
| CL E. Brg. Pier 2 | 575+20.54 | 8.81 | 562.93 | 562.93 |
| L | 575+30.54 | 8.81 | 562.80 | 562.81 |
| M | 575+40.54 | 8.81 | 562.67 | 562.69 |
| N | 575+50.54 | 8.81 | 562.55 | 562.57 |
| O | 575+60.54 | 8.81 | 562.43 | 562.45 |
| CL Brg. E. Abut. | 575+75.46 | 8.81 | 562.26 | 562.26 |
| Back of East Abut. | 575+76.79 | 8.81 | 562.25 | 562.25 |

BEAM 6

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|--------------------|-----------|--------|------------------------------|--|
| Back of West Abut. | 573+82.65 | 14.69 | 565.18 | 565.18 |
| CL Brg. W. Abut. | 573+83.98 | 14.69 | 565.15 | 565.15 |
| A | 573+93.98 | 14.69 | 564.95 | 564.96 |
| B | 574+03.98 | 14.69 | 564.75 | 564.77 |
| C | 574+13.98 | 14.69 | 564.56 | 564.58 |
| D | 574+23.98 | 14.69 | 564.37 | 564.39 |
| CL W. Brg. Pier 1 | 574+38.90 | 14.69 | 564.10 | 564.10 |
| CL E. Brg. Pier 1 | 574+40.40 | 14.69 | 564.07 | 564.07 |
| E | 574+50.40 | 14.69 | 563.90 | 563.94 |
| F | 574+60.40 | 14.69 | 563.73 | 563.80 |
| G | 574+70.40 | 14.69 | 563.57 | 563.65 |
| H | 574+80.40 | 14.69 | 563.41 | 563.50 |
| I | 574+90.40 | 14.69 | 563.26 | 563.34 |
| J | 575+00.40 | 14.69 | 563.11 | 563.17 |
| K | 575+10.40 | 14.69 | 562.97 | 562.99 |
| CL W. Brg. Pier 2 | 575+16.90 | 14.69 | 562.88 | 562.88 |
| CL E. Brg. Pier 2 | 575+18.40 | 14.69 | 562.86 | 562.86 |
| L | 575+28.40 | 14.69 | 562.72 | 562.73 |
| M | 575+38.40 | 14.69 | 562.59 | 562.61 |
| N | 575+48.40 | 14.69 | 562.47 | 562.49 |
| O | 575+58.40 | 14.69 | 562.35 | 562.37 |
| CL Brg. E. Abut. | 575+73.32 | 14.69 | 562.18 | 562.18 |
| Back of East Abut. | 575+74.65 | 14.69 | 562.17 | 562.17 |



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| DESIGNED - BAS |
| CHECKED - KEF |
| DRAWN - LAD |
| CHECKED - RJA |

TOP OF SLAB ELEVATIONS
IL ROUTE 121 OVER BIG MUDDY CREEK
F.A.P. RTE. 773 - SECTION (109B)B-1
CUMBERLAND COUNTY
STATION 574+84.00
STRUCTURE NO. 018-0063