

**BEAM 2**

| Location            | Station  | Offset* | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|---------------------|----------|---------|------------------------------|--|
| Bk. Exist. S. Abut. | 19+98.35 | -37.17  | 639.02                       | 639.02   |
| ⊕ Brg. S. Abut.     | 20+00.27 | -37.17  | 639.04                       | 639.04   |
| A                   | 20+10.27 | -37.17  | 639.11                       | 639.12   |
| B                   | 20+20.27 | -37.17  | 639.18                       | 639.18   |
| C                   | 20+30.27 | -37.17  | 639.24                       | 639.24   |
| ⊕ S. Bearing        | 20+40.35 | -37.17  | 639.29                       | 639.29   |
| ⊕ Exist. Pier 1     | 20+41.27 | -37.17  | 639.29                       | 639.29   |
| ⊕ N. Bearing        | 20+42.19 | -37.17  | 639.30                       | 639.30   |
| D                   | 20+52.19 | -37.17  | 639.34                       | 639.37   |
| E                   | 20+62.19 | -37.17  | 639.38                       | 639.42   |
| F                   | 20+72.19 | -37.17  | 639.41                       | 639.47   |
| G                   | 20+82.19 | -37.17  | 639.44                       | 639.49   |
| H                   | 20+92.19 | -37.17  | 639.46                       | 639.50   |
| I                   | 21+02.19 | -37.17  | 639.47                       | 639.49   |
| ⊕ S. Bearing        | 21+12.85 | -37.17  | 639.47                       | 639.47   |
| ⊕ Exist. Pier 2     | 21+13.60 | -37.17  | 639.47                       | 639.47   |
| ⊕ N. Bearing        | 21+14.35 | -37.17  | 639.47                       | 639.47   |
| J                   | 21+24.35 | -37.17  | 639.47                       | 639.49   |
| K                   | 21+34.35 | -37.17  | 639.46                       | 639.50   |
| L                   | 21+44.35 | -37.17  | 639.44                       | 639.50   |
| M                   | 21+54.35 | -37.17  | 639.42                       | 639.48   |
| N                   | 21+64.35 | -37.17  | 639.39                       | 639.44   |
| O                   | 21+74.35 | -37.17  | 639.35                       | 639.38   |
| ⊕ S. Bearing        | 21+85.02 | -37.17  | 639.30                       | 639.30   |
| ⊕ Exist. Pier 3     | 21+85.94 | -37.17  | 639.30                       | 639.30   |
| ⊕ N. Bearing        | 21+86.86 | -37.17  | 639.30                       | 639.30   |
| P                   | 21+96.86 | -37.17  | 639.25                       | 639.25   |
| Q                   | 22+06.86 | -37.17  | 639.19                       | 639.20   |
| R                   | 22+16.86 | -37.17  | 639.12                       | 639.13   |
| ⊕ Brg. N. Abut.     | 22+26.94 | -37.17  | 639.05                       | 639.05   |
| Bk. Exist. N. Abut. | 22+28.85 | -37.17  | 639.03                       | 639.03   |

**BEAM 3**

| Location            | Station  | Offset* | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|---------------------|----------|---------|------------------------------|--|
| Bk. Exist. S. Abut. | 19+98.35 | -30.33  | 639.16                       | 639.16   |
| ⊕ Brg. S. Abut.     | 20+00.27 | -30.33  | 639.17                       | 639.17   |
| A                   | 20+10.27 | -30.33  | 639.25                       | 639.25   |
| B                   | 20+20.27 | -30.33  | 639.31                       | 639.32   |
| C                   | 20+30.27 | -30.33  | 639.37                       | 639.38   |
| ⊕ S. Bearing        | 20+40.35 | -30.33  | 639.43                       | 639.43   |
| ⊕ Exist. Pier 1     | 20+41.27 | -30.33  | 639.43                       | 639.43   |
| ⊕ N. Bearing        | 20+42.19 | -30.33  | 639.43                       | 639.43   |
| D                   | 20+52.19 | -30.33  | 639.48                       | 639.50   |
| E                   | 20+62.19 | -30.33  | 639.52                       | 639.56   |
| F                   | 20+72.19 | -30.33  | 639.55                       | 639.60   |
| G                   | 20+82.19 | -30.33  | 639.57                       | 639.63   |
| H                   | 20+92.19 | -30.33  | 639.59                       | 639.64   |
| I                   | 21+02.19 | -30.33  | 639.60                       | 639.63   |
| ⊕ S. Bearing        | 21+12.85 | -30.33  | 639.61                       | 639.61   |
| ⊕ Exist. Pier 2     | 21+13.60 | -30.33  | 639.61                       | 639.61   |
| ⊕ N. Bearing        | 21+14.35 | -30.33  | 639.61                       | 639.61   |
| J                   | 21+24.35 | -30.33  | 639.61                       | 639.63   |
| K                   | 21+34.35 | -30.33  | 639.60                       | 639.64   |
| L                   | 21+44.35 | -30.33  | 639.58                       | 639.63   |
| M                   | 21+54.35 | -30.33  | 639.56                       | 639.61   |
| N                   | 21+64.35 | -30.33  | 639.53                       | 639.57   |
| O                   | 21+74.35 | -30.33  | 639.49                       | 639.52   |
| ⊕ S. Bearing        | 21+85.02 | -30.33  | 639.44                       | 639.44   |
| ⊕ Exist. Pier 3     | 21+85.94 | -30.33  | 639.44                       | 639.44   |
| ⊕ N. Bearing        | 21+86.86 | -30.33  | 639.44                       | 639.44   |
| P                   | 21+96.86 | -30.33  | 639.38                       | 639.39   |
| Q                   | 22+06.86 | -30.33  | 639.33                       | 639.33   |
| R                   | 22+16.86 | -30.33  | 639.26                       | 639.27   |
| ⊕ Brg. N. Abut.     | 22+26.94 | -30.33  | 639.19                       | 639.19   |
| Bk. Exist. N. Abut. | 22+28.85 | -30.33  | 639.17                       | 639.17   |

**BEAM 4**

| Location            | Station  | Offset* | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|---------------------|----------|---------|------------------------------|--|
| Bk. Exist. S. Abut. | 19+98.35 | -23.50  | 639.28                       | 639.28   |
| ⊕ Brg. S. Abut.     | 20+00.27 | -23.50  | 639.30                       | 639.30   |
| A                   | 20+10.27 | -23.50  | 639.37                       | 639.38   |
| B                   | 20+20.27 | -23.50  | 639.44                       | 639.44   |
| C                   | 20+30.27 | -23.50  | 639.50                       | 639.50   |
| ⊕ S. Bearing        | 20+40.35 | -23.50  | 639.55                       | 639.55   |
| ⊕ Exist. Pier 1     | 20+41.27 | -23.50  | 639.56                       | 639.56   |
| ⊕ N. Bearing        | 20+42.19 | -23.50  | 639.56                       | 639.56   |
| D                   | 20+52.19 | -23.50  | 639.60                       | 639.63   |
| E                   | 20+62.19 | -23.50  | 639.64                       | 639.68   |
| F                   | 20+72.19 | -23.50  | 639.67                       | 639.73   |
| G                   | 20+82.19 | -23.50  | 639.70                       | 639.75   |
| H                   | 20+92.19 | -23.50  | 639.72                       | 639.76   |
| I                   | 21+02.19 | -23.50  | 639.73                       | 639.76   |
| ⊕ S. Bearing        | 21+12.85 | -23.50  | 639.73                       | 639.73   |
| ⊕ Exist. Pier 2     | 21+13.60 | -23.50  | 639.73                       | 639.73   |
| ⊕ N. Bearing        | 21+14.35 | -23.50  | 639.73                       | 639.73   |
| J                   | 21+24.35 | -23.50  | 639.73                       | 639.75   |
| K                   | 21+34.35 | -23.50  | 639.72                       | 639.76   |
| L                   | 21+44.35 | -23.50  | 639.70                       | 639.76   |
| M                   | 21+54.35 | -23.50  | 639.68                       | 639.74   |
| N                   | 21+64.35 | -23.50  | 639.65                       | 639.70   |
| O                   | 21+74.35 | -23.50  | 639.61                       | 639.64   |
| ⊕ S. Bearing        | 21+85.02 | -23.50  | 639.56                       | 639.56   |
| ⊕ Exist. Pier 3     | 21+85.94 | -23.50  | 639.56                       | 639.56   |
| ⊕ N. Bearing        | 21+86.86 | -23.50  | 639.56                       | 639.56   |
| P                   | 21+96.86 | -23.50  | 639.51                       | 639.51   |
| Q                   | 22+06.86 | -23.50  | 639.45                       | 639.46   |
| R                   | 22+16.86 | -23.50  | 639.39                       | 639.39   |
| ⊕ Brg. N. Abut.     | 22+26.94 | -23.50  | 639.31                       | 639.31   |
| Bk. Exist. N. Abut. | 22+28.85 | -23.50  | 639.30                       | 639.30   |

**BEAM 5**

| Location            | Station  | Offset* | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|---------------------|----------|---------|------------------------------|--|
| Bk. Exist. S. Abut. | 19+98.35 | -16.67  | 639.39                       | 639.39   |
| ⊕ Brg. S. Abut.     | 20+00.27 | -16.67  | 639.40                       | 639.40   |
| A                   | 20+10.27 | -16.67  | 639.47                       | 639.48   |
| B                   | 20+20.27 | -16.67  | 639.54                       | 639.55   |
| C                   | 20+30.27 | -16.67  | 639.60                       | 639.60   |
| ⊕ S. Bearing        | 20+40.35 | -16.67  | 639.66                       | 639.66   |
| ⊕ Exist. Pier 1     | 20+41.27 | -16.67  | 639.66                       | 639.66   |
| ⊕ N. Bearing        | 20+42.19 | -16.67  | 639.66                       | 639.66   |
| D                   | 20+52.19 | -16.67  | 639.71                       | 639.73   |
| E                   | 20+62.19 | -16.67  | 639.74                       | 639.79   |
| F                   | 20+72.19 | -16.67  | 639.78                       | 639.83   |
| G                   | 20+82.19 | -16.67  | 639.80                       | 639.86   |
| H                   | 20+92.19 | -16.67  | 639.82                       | 639.86   |
| I                   | 21+02.19 | -16.67  | 639.83                       | 639.86   |
| ⊕ S. Bearing        | 21+12.85 | -16.67  | 639.84                       | 639.84   |
| ⊕ Exist. Pier 2     | 21+13.60 | -16.67  | 639.84                       | 639.84   |
| ⊕ N. Bearing        | 21+14.35 | -16.67  | 639.84                       | 639.84   |
| J                   | 21+24.35 | -16.67  | 639.83                       | 639.86   |
| K                   | 21+34.35 | -16.67  | 639.82                       | 639.87   |
| L                   | 21+44.35 | -16.67  | 639.81                       | 639.86   |
| M                   | 21+54.35 | -16.67  | 639.78                       | 639.84   |
| N                   | 21+64.35 | -16.67  | 639.75                       | 639.80   |
| O                   | 21+74.35 | -16.67  | 639.72                       | 639.74   |
| ⊕ S. Bearing        | 21+85.02 | -16.67  | 639.67                       | 639.67   |
| ⊕ Exist. Pier 3     | 21+85.94 | -16.67  | 639.66                       | 639.66   |
| ⊕ N. Bearing        | 21+86.86 | -16.67  | 639.66                       | 639.66   |
| P                   | 21+96.86 | -16.67  | 639.61                       | 639.62   |
| Q                   | 22+06.86 | -16.67  | 639.55                       | 639.56   |
| R                   | 22+16.86 | -16.67  | 639.49                       | 639.49   |
| ⊕ Brg. N. Abut.     | 22+26.94 | -16.67  | 639.41                       | 639.41   |
| Bk. Exist. N. Abut. | 22+28.85 | -16.67  | 639.40                       | 639.40   |



FILE NAME = 0160199-62099-06-SLAB2.dgn  
 USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 07/01/2011

DESIGNED - JPMILLA  
 CHECKED - RALEE  
 DRAWN - RMKANE  
 CHECKED - RALEE

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL RT 1 - HALSTED ST. OVER I-80294  
 TOP OF SLAB ELEVATIONS 2**

SHEET NO. 06 OF 33 SHEETS

|                           |            |                    |              |           |
|---------------------------|------------|--------------------|--------------|-----------|
| F.A.P. RTE.               | SECTION    | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 876                       | 2001-001BR | COOK               | 62           | 25        |
| STRUCTURE NO. 016-0199    |            | CONTRACT NO. 62099 |              |           |
| ILLINOIS FED. AID PROJECT |            |                    |              |           |