

**INSIDE FACE OF NORTH PARAPET**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|--|
| W. End of Slab | 913+00.50 | -16.00 | 353.50                       | 353.50   |
| ☉ W. Abut.     | 913+01.00 | -16.00 | 353.50                       | 353.50   |
| a              | 913+11.00 | -16.00 | 353.53                       | 353.54   |
| b              | 913+21.00 | -16.00 | 353.55                       | 353.56   |
| ☉ Pier 1       | 913+31.25 | -16.00 | 353.56                       | 353.56   |
| c              | 913+41.25 | -16.00 | 353.57                       | 353.58   |
| d              | 913+51.25 | -16.00 | 353.57                       | 353.59   |
| e              | 913+61.25 | -16.00 | 353.57                       | 353.58   |
| ☉ Pier 2       | 913+68.75 | -16.00 | 353.56                       | 353.56   |
| f              | 913+78.75 | -16.00 | 353.55                       | 353.56   |
| g              | 913+88.75 | -16.00 | 353.53                       | 353.54   |
| ☉ E. Abut.     | 913+99.00 | -16.00 | 353.50                       | 353.50   |
| E. End of Slab | 913+99.50 | -16.00 | 353.50                       | 353.50   |

**NORTH EDGE OF ROADWAY**

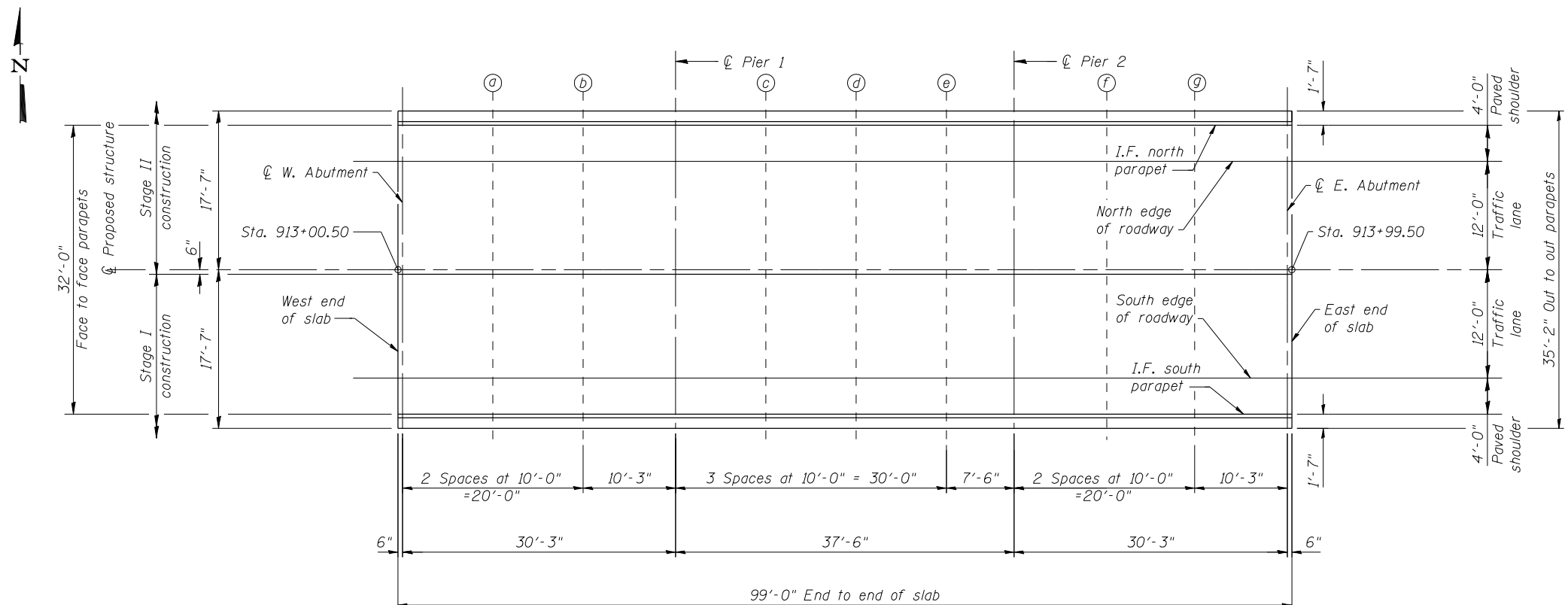
| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|--|
| W. End of Slab | 913+00.50 | -12.00 | 353.58                       | 353.58   |
| ☉ W. Abut.     | 913+01.00 | -12.00 | 353.58                       | 353.58   |
| a              | 913+11.00 | -12.00 | 353.61                       | 353.62   |
| b              | 913+21.00 | -12.00 | 353.63                       | 353.64   |
| ☉ Pier 1       | 913+31.25 | -12.00 | 353.64                       | 353.64   |
| c              | 913+41.25 | -12.00 | 353.65                       | 353.66   |
| d              | 913+51.25 | -12.00 | 353.65                       | 353.67   |
| e              | 913+61.25 | -12.00 | 353.65                       | 353.66   |
| ☉ Pier 2       | 913+68.75 | -12.00 | 353.64                       | 353.64   |
| f              | 913+78.75 | -12.00 | 353.63                       | 353.64   |
| g              | 913+88.75 | -12.00 | 353.61                       | 353.62   |
| ☉ E. Abut.     | 913+99.00 | -12.00 | 353.58                       | 353.58   |
| E. End of Slab | 913+99.50 | -12.00 | 353.58                       | 353.58   |

**☉ OF STRUCTURE & PROFILE GRADE**

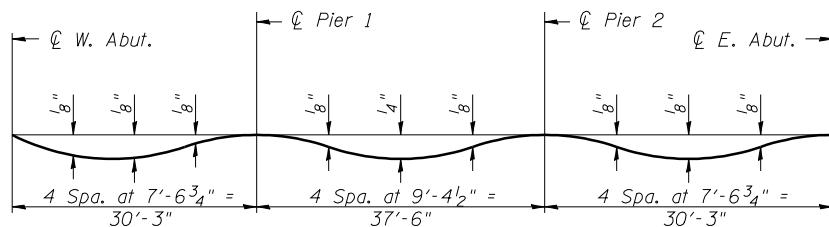
| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|--|
| W. End of Slab | 913+00.50 | 0.00   | 353.77                       | 353.77   |
| ☉ W. Abut.     | 913+01.00 | 0.00   | 353.77                       | 353.77   |
| a              | 913+11.00 | 0.00   | 353.80                       | 353.81   |
| b              | 913+21.00 | 0.00   | 353.82                       | 353.83   |
| ☉ Pier 1       | 913+31.25 | 0.00   | 353.83                       | 353.83   |
| c              | 913+41.25 | 0.00   | 353.84                       | 353.85   |
| d              | 913+51.25 | 0.00   | 353.84                       | 353.86   |
| e              | 913+61.25 | 0.00   | 353.84                       | 353.85   |
| ☉ Pier 2       | 913+68.75 | 0.00   | 353.83                       | 353.83   |
| f              | 913+78.75 | 0.00   | 353.82                       | 353.83   |
| g              | 913+88.75 | 0.00   | 353.80                       | 353.81   |
| ☉ E. Abut.     | 913+99.00 | 0.00   | 353.77                       | 353.77   |
| E. End of Slab | 913+99.50 | 0.00   | 353.77                       | 353.77   |

**STAGE CONSTRUCTION LINE**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|--|
| W. End of Slab | 913+00.50 | 0.50   | 353.76                       | 353.76   |
| ☉ W. Abut.     | 913+01.00 | 0.50   | 353.76                       | 353.76   |
| a              | 913+11.00 | 0.50   | 353.79                       | 353.80   |
| b              | 913+21.00 | 0.50   | 353.81                       | 353.82   |
| ☉ Pier 1       | 913+31.25 | 0.50   | 353.82                       | 353.82   |
| c              | 913+41.25 | 0.50   | 353.83                       | 353.84   |
| d              | 913+51.25 | 0.50   | 353.83                       | 353.85   |
| e              | 913+61.25 | 0.50   | 353.83                       | 353.84   |
| ☉ Pier 2       | 913+68.75 | 0.50   | 353.82                       | 353.82   |
| f              | 913+78.75 | 0.50   | 353.81                       | 353.82   |
| g              | 913+88.75 | 0.50   | 353.79                       | 353.80   |
| ☉ E. Abut.     | 913+99.00 | 0.50   | 353.76                       | 353.76   |
| E. End of Slab | 913+99.50 | 0.50   | 353.76                       | 353.76   |



**PLAN**



**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only)

Note:

The above deflections are not for use in the field if the Engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection."

**SOUTH EDGE OF ROADWAY**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|--|
| W. End of Slab | 913+00.50 | 12.00  | 353.58                       | 353.58   |
| ☉ W. Abut.     | 913+01.00 | 12.00  | 353.58                       | 353.58   |
| a              | 913+11.00 | 12.00  | 353.61                       | 353.62   |
| b              | 913+21.00 | 12.00  | 353.63                       | 353.64   |
| ☉ Pier 1       | 913+31.25 | 12.00  | 353.64                       | 353.64   |
| c              | 913+41.25 | 12.00  | 353.65                       | 353.66   |
| d              | 913+51.25 | 12.00  | 353.65                       | 353.67   |
| e              | 913+61.25 | 12.00  | 353.65                       | 353.66   |
| ☉ Pier 2       | 913+68.75 | 12.00  | 353.64                       | 353.64   |
| f              | 913+78.75 | 12.00  | 353.63                       | 353.64   |
| g              | 913+88.75 | 12.00  | 353.61                       | 353.62   |
| ☉ E. Abut.     | 913+99.00 | 12.00  | 353.58                       | 353.58   |
| E. End of Slab | 913+99.50 | 12.00  | 353.58                       | 353.58   |

**INSIDE FACE OF SOUTH PARAPET**

| Location       | Station   | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|----------------|-----------|--------|------------------------------|--|
| W. End of Slab | 913+00.50 | 16.00  | 353.50                       | 353.50   |
| ☉ W. Abut.     | 913+01.00 | 16.00  | 353.50                       | 353.50   |
| a              | 913+11.00 | 16.00  | 353.53                       | 353.54   |
| b              | 913+21.00 | 16.00  | 353.55                       | 353.56   |
| ☉ Pier 1       | 913+31.25 | 16.00  | 353.56                       | 353.56   |
| c              | 913+41.25 | 16.00  | 353.57                       | 353.58   |
| d              | 913+51.25 | 16.00  | 353.57                       | 353.59   |
| e              | 913+61.25 | 16.00  | 353.57                       | 353.58   |
| ☉ Pier 2       | 913+68.75 | 16.00  | 353.56                       | 353.56   |
| f              | 913+78.75 | 16.00  | 353.55                       | 353.56   |
| g              | 913+88.75 | 16.00  | 353.53                       | 353.54   |
| ☉ E. Abut.     | 913+99.00 | 16.00  | 353.50                       | 353.50   |
| E. End of Slab | 913+99.50 | 16.00  | 353.50                       | 353.50   |

PRINT DRIVER = L:\05-EB\0411...  
SCALE NAME = PLOT...  
FILE NAME = 20130823-78230-05-15104614.dwg



USER NAME = has  
ESCA PROJECT NO. 988.12  
PLOT SCALE = 0/2" = 1' / IN.  
PLOT DATE = 8/2/2013 11:36:13 AM

DESIGNED - SHL 12/12  
CHECKED - RDP 03/13  
DRAWN - HAS 12/12  
CHECKED - RDP 06/13

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 076-0032**

SHEET NO. 5 OF 21 SHEETS

|                    |         |        |                               |           |
|--------------------|---------|--------|-------------------------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY | TOTAL SHEETS                  | SHEET NO. |
| 885                | 112B-1  | POPE   | 56                            | 27        |
| CONTRACT NO. 78230 |         |        | ILLINOIS FED. AID PROJECT AID |           |