

BEAM R3

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|-------------------|----------|--------|------------------------------|--|
| CL. PIER 7 | - | - | - | - |
| CL. BRG. PIER 7N | 56+23.50 | -44.82 | 623.65 | 623.65 |
| 4A | 56+33.44 | -43.71 | 623.77 | 623.83 |
| 4B | 56+43.38 | -42.60 | 623.90 | 624.00 |
| 4C | 56+53.31 | -41.49 | 624.03 | 624.17 |
| 4D | 56+63.25 | -40.38 | 624.16 | 624.31 |
| 4E | 56+73.19 | -39.27 | 624.31 | 624.43 |
| 4F | 56+83.13 | -38.16 | 624.44 | 624.53 |
| CL. BRG. PIER 8S | 56+97.50 | -36.56 | 624.65 | 624.65 |
| CL. PIER 8 | - | - | - | - |
| CL. BRG. PIER 8N | 56+99.00 | -29.29 | 625.09 | 625.09 |
| 5A | 57+08.99 | -28.86 | 625.19 | 625.25 |
| 5B | 57+18.98 | -28.43 | 625.30 | 625.40 |
| 5C | 57+28.97 | -28.00 | 625.42 | 625.54 |
| 5D | 57+38.96 | -27.58 | 625.54 | 625.66 |
| 5E | 57+48.95 | -27.15 | 625.67 | 625.78 |
| 5F | 57+58.94 | -26.72 | 625.81 | 625.88 |
| CL. BRG. PIER 9S | 57+73.00 | -26.11 | 626.01 | 626.01 |
| CL. PIER 9 | - | - | - | - |
| CL. BRG. PIER 9N | 57+74.50 | -21.87 | 626.20 | 626.20 |
| 6A | 57+84.50 | -21.62 | 626.34 | 626.40 |
| 6B | 57+94.49 | -21.37 | 626.49 | 626.59 |
| 6C | 58+04.49 | -21.12 | 626.66 | 626.78 |
| 6D | 58+14.49 | -20.87 | 626.84 | 626.96 |
| 6E | 58+24.48 | -20.62 | 627.00 | 627.11 |
| 6F | 58+34.48 | -20.37 | 627.17 | 627.24 |
| CL. BRG. PIER 10S | 58+48.50 | -20.02 | 627.41 | 627.41 |
| CL. PIER 10 | - | - | - | - |

BEAM R4

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|------------------|----------|--------|------------------------------|--|
| CL. PIER 7 | - | - | - | - |
| CL. BRG. PIER 7N | 56+23.50 | -38.01 | 624.09 | 624.09 |
| 4A | 56+33.47 | -37.27 | 624.19 | 624.25 |
| 4B | 56+43.44 | -36.53 | 624.29 | 624.40 |
| 4C | 56+53.42 | -35.78 | 624.39 | 624.53 |
| 4D | 56+63.39 | -35.04 | 624.51 | 624.65 |
| 4E | 56+73.36 | -34.30 | 624.63 | 624.75 |
| 4F | 56+83.33 | -33.55 | 624.73 | 624.81 |
| CL. BRG. PIER 8S | 56+97.50 | -32.50 | 624.89 | 624.89 |
| CL. PIER 8 | - | - | - | - |
| CL. BRG. PIER 8N | 56+99.00 | -21.72 | 625.44 | 625.44 |
| 5A | 57+09.00 | -21.72 | 625.57 | 625.63 |
| 5B | 57+19.00 | -21.72 | 625.66 | 625.76 |
| 5C | 57+29.00 | -21.72 | 625.74 | 625.86 |
| 5D | 57+39.00 | -21.72 | 625.83 | 625.95 |
| 5E | 57+49.00 | -21.72 | 625.92 | 626.03 |
| 5F | 57+59.00 | -21.72 | 626.03 | 626.10 |
| CL. BRG. PIER 9S | 57+73.00 | -21.72 | 626.19 | 626.19 |
| CL. PIER 9 | - | - | - | - |

RAMP E GORE LINE

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|------------------|----------|--------|------------------------------|--|
| CL. BRG. PIER 7N | 56+23.50 | -37.43 | 624.13 | 624.13 |
| 4A | 56+33.50 | -35.23 | 624.32 | 624.37 |
| 4B | 56+43.50 | -33.18 | 624.50 | 624.59 |
| 4C | 56+53.50 | -31.27 | 624.69 | 624.80 |
| 4D | 56+63.50 | -29.46 | 624.87 | 624.98 |
| 4E | 56+73.50 | -27.72 | 625.05 | 625.14 |
| 4F | 56+83.50 | -26.05 | 625.19 | 625.26 |
| CL. BRG. PIER 8S | 56+97.50 | -23.85 | 625.40 | 625.40 |
| CL. PIER 8 | 56+98.25 | -23.73 | 625.41 | 625.41 |
| CL. BRG. PIER 8N | 56+99.00 | -23.62 | 625.42 | 625.42 |
| 5A | 57+09.00 | -22.15 | 625.57 | 625.62 |
| 5B | 57+19.00 | -20.75 | 625.72 | 625.81 |
| 5C | 57+29.00 | -19.42 | 625.86 | 625.97 |
| 5D | 57+39.00 | -18.17 | 626.00 | 626.12 |
| 5E | 57+49.00 | -16.99 | 626.14 | 626.25 |
| 5F | 57+59.00 | -15.88 | 626.29 | 626.35 |
| CL. BRG. PIER 9S | 57+73.00 | -14.46 | 626.48 | 626.48 |
| CL. PIER 9 | 57+73.75 | -14.39 | 626.50 | 626.50 |
| CL. BRG. PIER 9N | 57+74.50 | -14.31 | 626.51 | 626.51 |
| 6A | 57+84.50 | -13.39 | 626.67 | 626.72 |
| 6B | 57+94.50 | -12.55 | 626.82 | 626.91 |
| End | 58+01.46 | -12.00 | 626.94 | 627.05 |

Note: Offset measured perpendicular to SB IL-171



| | | | |
|-------------|---------------------|----------------|-----------|
| FILE NAME = | USER NAME = ksnider | DESIGNED - DTS | REVISED - |
| | | CHECKED - AJK | REVISED - |
| | | DRAWN - KMS | REVISED - |
| | | CHECKED - AJK | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS UNIT C (5 OF 6)
STRUCTURE NO. 016-2457**

| | | | | |
|--------------------|-------------|--------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 372 | 2013-038B-R | COOK | 821 | 399 |
| CONTRACT NO. 60J16 | | | ILLINOIS FED. AID PROJECT | |

SHEET NO. SD24 OF SD83 SHEETS

0162457.60J16.024.TOS.Elev.Unit.C.5.of.6.dgn

PLOT SCALE =

PLOT DATE = 12/20/2013

Y:\chicago\100005\100093\Eng_Docs_Phase_1\1\SN_016_2456_2457_1st_Ave_over_Plaines_River_Valley\Final\0162457_60J16_024_TOS_Elev_Unit.C.5.of.6.dgn 3:40:36 PM 8/6/2014