STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

## GIRDER G1.1

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| ℄ FB-1.12 | 197+79.39 | -21.50 | 624.24 | 624.28 |
| Y | 197+86.33 | -21.50 | 624.38 | 624.42 |
| Z | 197+96.33 | -21.50 | 624.58 | 624.61 |
| A1 | 198+06.33 | -21.50 | 624.77 | 624.79 |
| B1 | 198+16.33 | -21.50 | 624.97 | 624.98 |
| C1 | 198+26.33 | -21.50 | 625.17 | 625.17 |
| ℄ R1 Pier | 198+39.33 | -21.50 | 625.42 | 625.42 |
| D1 | 198+49.33 | -21.50 | 625.61 | 625.62 |
| E1 | 198+59.33 | -21.50 | 625.80 | 625.82 |
| F1 | 198+69.33 | -21.50 | 625.98 | 626.01 |
| G1 | 198+79.33 | -21.50 | 626.17 | 626.21 |
| H1 | 198+89.33 | -21.50 | 626.36 | 626.39 |
| I1 | 198+99.33 | -21.50 | 626.54 | 626.58 |
| J1 | 199+09.33 | -21.50 | 626.73 | 626.75 |
| K1 | 199+19.33 | -21.50 | 626.92 | 626.96 |
| L1 | 199+29.33 | -21.50 | 627.10 | 627.13 |
| ℄ G22 | 199+31.70 | -21.50 | 627.15 | 627.15 |

## GIRDER G1.2

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | -15.00 | 623.25 | 623.25 |
| ℄ Joint R1 Abut. | 197+35.58 | -15.00 | 623.29 | 623.29 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | -15.00 | 623.31 | 623.31 |
| U | 197+46.33 | -15.00 | 623.50 | 623.53 |
| V | 197+56.33 | -15.00 | 623.70 | 623.75 |
| W | 197+66.33 | -15.00 | 623.90 | 623.98 |
| X | 197+76.33 | -15.00 | 624.09 | 624.18 |
| Y | 197+86.33 | -15.00 | 624.29 | 624.38 |
| Z | 197+96.33 | -15.00 | 624.49 | 624.57 |
| A1 | 198+06.33 | -15.00 | 624.68 | 624.74 |
| B1 | 198+16.33 | -15.00 | 624.88 | 624.92 |
| C1 | 198+26.33 | -15.00 | 625.08 | 625.10 |
| ℄ R1 Pier | 198+39.33 | -15.00 | 625.33 | 625.33 |
| D1 | 198+49.33 | -15.00 | 625.52 | 625.52 |
| E1 | 198+59.33 | -15.00 | 625.71 | 625.71 |
| F1 | 198+69.33 | -15.00 | 625.90 | 625.91 |
| G1 | 198+79.33 | -15.00 | 626.09 | 626.11 |
| H1 | 198+89.33 | -15.00 | 626.28 | 626.30 |
| I1 | 198+99.33 | -15.00 | 626.47 | 626.49 |
| J1 | 199+09.33 | -15.00 | 626.66 | 626.68 |
| K1 | 199+19.33 | -15.00 | 626.85 | 626.86 |
| ℄ G22 | 199+29.12 | -15.00 | 627.04 | 627.04 |

## GIRDER G1.3

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | -8.50 | 623.15 | 623.15 |
| ℄ Joint R1 Abut. | 197+35.58 | -8.50 | 623.19 | 623.19 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | -8.50 | 623.21 | 623.21 |
| U | 197+46.33 | -8.50 | 623.40 | 623.43 |
| V | 197+56.33 | -8.50 | 623.60 | 623.65 |
| W | 197+66.33 | -8.50 | 623.80 | 623.88 |
| X | 197+76.33 | -8.50 | 623.99 | 624.08 |
| Y | 197+86.33 | -8.50 | 624.19 | 624.28 |
| Z | 197+96.33 | -8.50 | 624.39 | 624.47 |
| A1 | 198+06.33 | -8.50 | 624.58 | 624.65 |
| B1 | 198+16.33 | -8.50 | 624.78 | 624.83 |
| C1 | 198+26.33 | -8.50 | 624.98 | 625.01 |
| ℄ R1 Pier | 198+39.33 | -8.50 | 625.23 | 625.24 |
| D1 | 198+49.33 | -8.50 | 625.42 | 625.43 |
| E1 | 198+59.33 | -8.50 | 625.61 | 625.63 |
| F1 | 198+69.33 | -8.50 | 625.81 | 625.83 |
| G1 | 198+79.33 | -8.50 | 626.00 | 626.03 |
| H1 | 198+89.33 | -8.50 | 626.20 | 626.22 |
| I1 | 198+99.33 | -8.50 | 626.39 | 626.41 |
| J1 | 199+09.33 | -8.50 | 626.58 | 626.60 |
| K1 | 199+19.33 | -8.50 | 626.78 | 626.79 |
| ℄ G22 | 199+26.54 | -8.50 | 626.92 | 626.93 |

## GIRDER G1.4

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | -2.00 | 623.05 | 623.05 |
| ℄ Joint R1 Abut. | 197+35.58 | -2.00 | 623.09 | 623.09 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | -2.00 | 623.11 | 623.11 |
| U | 197+46.33 | -2.00 | 623.30 | 623.34 |
| V | 197+56.33 | -2.00 | 623.50 | 623.56 |
| W | 197+66.33 | -2.00 | 623.70 | 623.78 |
| X | 197+76.33 | -2.00 | 623.89 | 623.99 |
| Y | 197+86.33 | -2.00 | 624.09 | 624.19 |
| Z | 197+96.33 | -2.00 | 624.29 | 624.38 |
| A1 | 198+06.33 | -2.00 | 624.48 | 624.56 |
| B1 | 198+16.33 | -2.00 | 624.68 | 624.74 |
| C1 | 198+26.33 | -2.00 | 624.88 | 624.91 |
| ℄ R1 Pier | 198+39.33 | -2.00 | 625.13 | 625.15 |
| D1 | 198+49.33 | -2.00 | 625.33 | 625.34 |
| E1 | 198+59.33 | -2.00 | 625.52 | 625.54 |
| F1 | 198+69.33 | -2.00 | 625.72 | 625.74 |
| G1 | 198+79.33 | -2.00 | 625.91 | 625.94 |
| H1 | 198+89.33 | -2.00 | 626.11 | 626.14 |
| I1 | 198+99.33 | -2.00 | 626.30 | 626.33 |
| J1 | 199+09.33 | -2.00 | 626.50 | 626.52 |
| K1 | 199+19.33 | -2.00 | 626.69 | 626.71 |
| ℄ G22 | 199+23.95 | -2.00 | 626.79 | 626.80 |

## GIRDER G1.5

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | 4.50 | 622.95 | 622.95 |
| ℄ Joint R1 Abut. | 197+35.58 | 4.50 | 622.99 | 622.99 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | 4.50 | 623.01 | 623.01 |
| U | 197+46.33 | 4.50 | 623.21 | 623.24 |
| V | 197+56.33 | 4.50 | 623.40 | 623.46 |
| W | 197+66.33 | 4.50 | 623.60 | 623.68 |
| X | 197+76.33 | 4.50 | 623.80 | 623.89 |
| Y | 197+86.33 | 4.50 | 623.99 | 624.09 |
| Z | 197+96.33 | 4.50 | 624.19 | 624.28 |
| A1 | 198+06.33 | 4.50 | 624.39 | 624.46 |
| B1 | 198+16.33 | 4.50 | 624.58 | 624.64 |
| C1 | 198+26.33 | 4.50 | 624.78 | 624.82 |
| ℄ R1 Pier | 198+39.33 | 4.50 | 625.03 | 625.05 |
| D1 | 198+49.33 | 4.50 | 625.23 | 625.25 |
| E1 | 198+59.33 | 4.50 | 625.43 | 625.45 |
| F1 | 198+69.33 | 4.50 | 625.63 | 625.65 |
| G1 | 198+79.33 | 4.50 | 625.82 | 625.85 |
| H1 | 198+89.33 | 4.50 | 626.02 | 626.05 |
| I1 | 198+99.33 | 4.50 | 626.22 | 626.25 |
| J1 | 199+09.33 | 4.50 | 626.42 | 626.44 |
| K1 | 199+19.33 | 4.50 | 626.61 | 626.63 |
| ℄ G22 | 199+21.37 | 4.50 | 626.66 | 626.67 |

## GIRDER G1.6

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | 11.00 | 622.86 | 622.86 |
| ℄ Joint R1 Abut. | 197+35.58 | 11.00 | 622.90 | 622.90 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | 11.00 | 622.91 | 622.91 |
| U | 197+46.33 | 11.00 | 623.11 | 623.14 |
| V | 197+56.33 | 11.00 | 623.31 | 623.36 |
| W | 197+66.33 | 11.00 | 623.50 | 623.58 |
| X | 197+76.33 | 11.00 | 623.70 | 623.79 |
| Y | 197+86.33 | 11.00 | 623.90 | 623.99 |
| Z | 197+96.33 | 11.00 | 624.09 | 624.18 |
| A1 | 198+06.33 | 11.00 | 624.29 | 624.36 |
| B1 | 198+16.33 | 11.00 | 624.48 | 624.54 |
| C1 | 198+26.33 | 11.00 | 624.68 | 624.72 |
| ℄ R1 Pier | 198+39.33 | 11.00 | 624.94 | 624.95 |
| D1 | 198+49.33 | 11.00 | 625.14 | 625.15 |
| E1 | 198+59.33 | 11.00 | 625.34 | 625.35 |
| F1 | 198+69.33 | 11.00 | 625.54 | 625.56 |
| G1 | 198+79.33 | 11.00 | 625.74 | 625.76 |
| H1 | 198+89.33 | 11.00 | 625.94 | 625.97 |
| I1 | 198+99.33 | 11.00 | 626.14 | 626.16 |
| J1 | 199+09.33 | 11.00 | 626.34 | 626.36 |
| ℄ G22 | 199+18.79 | 11.00 | 626.53 | 626.55 |

## GIRDER G1.7

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | 17.50 | 622.76 | 622.76 |
| ℄ Joint R1 Abut. | 197+35.58 | 17.50 | 622.80 | 622.80 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | 17.50 | 622.81 | 622.81 |
| U | 197+46.33 | 17.50 | 623.01 | 623.04 |
| V | 197+56.33 | 17.50 | 623.21 | 623.26 |
| W | 197+66.33 | 17.50 | 623.40 | 623.48 |
| X | 197+76.33 | 17.50 | 623.60 | 623.69 |
| Y | 197+86.33 | 17.50 | 623.80 | 623.88 |
| Z | 197+96.33 | 17.50 | 623.99 | 624.08 |
| A1 | 198+06.33 | 17.50 | 624.19 | 624.26 |
| B1 | 198+16.33 | 17.50 | 624.39 | 624.44 |
| C1 | 198+26.33 | 17.50 | 624.58 | 624.61 |
| ℄ R1 Pier | 198+39.33 | 17.50 | 624.84 | 624.85 |
| D1 | 198+49.33 | 17.50 | 625.04 | 625.05 |
| E1 | 198+59.33 | 17.50 | 625.24 | 625.25 |
| F1 | 198+69.33 | 17.50 | 625.44 | 625.46 |
| G1 | 198+79.33 | 17.50 | 625.64 | 625.67 |
| H1 | 198+89.33 | 17.50 | 625.85 | 625.87 |
| I1 | 198+99.33 | 17.50 | 626.05 | 626.07 |
| J1 | 199+09.33 | 17.50 | 626.25 | 626.27 |
| ℄ G22 | 199+16.21 | 17.50 | 626.39 | 626.41 |

## GIRDER G1.8

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| Bk. of R1 Abut. | 197+33.33 | 24.00 | 622.66 | 622.66 |
| ℄ Joint R1 Abut. | 197+35.58 | 24.00 | 622.70 | 622.70 |
| ℄ E. Brg. R1 Abut. | 197+36.33 | 24.00 | 622.72 | 622.72 |
| U | 197+46.33 | 24.00 | 622.91 | 622.96 |
| V | 197+56.33 | 24.00 | 623.11 | 623.19 |
| W | 197+66.33 | 24.00 | 623.31 | 623.41 |
| X | 197+76.33 | 24.00 | 623.50 | 623.62 |
| Y | 197+86.33 | 24.00 | 623.70 | 623.82 |
| Z | 197+96.33 | 24.00 | 623.90 | 624.00 |
| A1 | 198+06.33 | 24.00 | 624.09 | 624.17 |
| B1 | 198+16.33 | 24.00 | 624.29 | 624.34 |
| C1 | 198+26.33 | 24.00 | 624.49 | 624.51 |
| ℄ R1 Pier | 198+39.33 | 24.00 | 624.74 | 624.74 |
| D1 | 198+49.33 | 24.00 | 624.94 | 624.95 |
| E1 | 198+59.33 | 24.00 | 625.15 | 625.16 |
| F1 | 198+69.33 | 24.00 | 625.35 | 625.37 |
| G1 | 198+79.33 | 24.00 | 625.55 | 625.58 |
| H1 | 198+89.33 | 24.00 | 625.75 | 625.78 |
| I1 | 198+99.33 | 24.00 | 625.96 | 625.98 |
| J1 | 199+09.33 | 24.00 | 626.16 | 626.18 |
| ℄ G22 | 199+13.63 | 24.00 | 626.25 | 626.27 |

## GIRDER G1.9

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| ℄ G1.8 | 199+02.24 | 24.00 | 626.02 | 626.04 |
| J1 | 199+09.33 | 28.31 | 626.10 | 626.30 |
| ℄ G22 | 199+11.42 | 29.57 | 626.11 | 626.12 |

## GIRDER G1.10

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| ℄ G1.8 | 198+90.77 | 24.00 | 625.78 | 625.81 |
| I1 | 198+99.33 | 29.17 | 625.88 | 625.90 |
| ℄ G22 | 199+09.21 | 35.15 | 625.99 | 626.01 |

## GIRDER G1.10A

| LOCATION | STATION | OFFSET | THEORETICAL GRADE ELEVATIONS | THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS |
|---|---|---|---|---|
| ℄ G1.8 | 198+79.33 | 24.000 | 625.55 | 625.58 |
| G1 | 198+79.33 | 24.000 | 625.55 | 625.58 |
| H1 | 198+89.33 | 30.040 | 625.67 | 625.69 |
| I1 | 198+99.33 | 36.090 | 625.78 | 625.79 |
| ℄ G22 | 199+06.99 | 40.720 | 625.99 | 626.00 |

**TOP OF SLAB ELEV. - 1**
**RAMP 1 FLARE**
**STRUCTURE NO. 016-0724**

T·Y·LIN INTERNATIONAL

| | |
|---|---|
| DESIGNED | JPM, EKH |
| CHECKED | AMD, |
| DRAWN | JPM, EKH |
| CHECKED | AMD, |
| DATE | 03/25/2011 |

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |
| | |
| | |

SHEET NO. 27
239 SHEETS

| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 55 | 0711.2R & 1011.1BR | COOK | 741 | 351 |
| | | CONTRACT NO. 60999 | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |

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