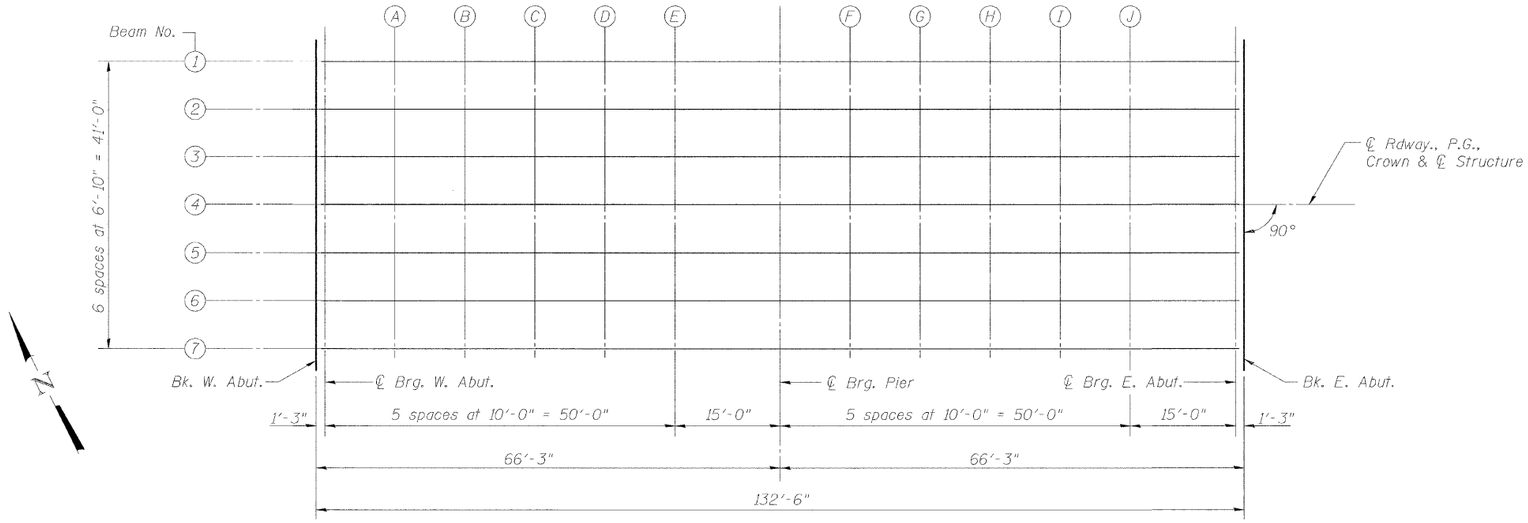
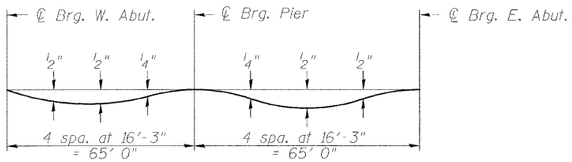


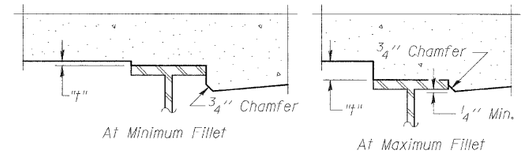

PLAN




DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections shown on sheets 3 and 4 of 22.




To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 3 and 4 of 22, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

| Location | Station | Offset | Theoretical Grade Elevations | Theoretical Grade Elevations Adjusted For Dead Load Deflection |
|---|---|---|---|---|
| Bk. W. Abut. | 89+20.57 | -20.50 | 626.04 | 626.04 |
| W. Abut. ℄ Brg. | 89+21.82 | -20.50 | 626.05 | 626.05 |
| A | 89+31.82 | -20.50 | 626.10 | 626.12 |
| B | 89+41.82 | -20.50 | 626.15 | 626.18 |
| C | 89+51.82 | -20.50 | 626.20 | 626.23 |
| D | 89+61.82 | -20.50 | 626.25 | 626.28 |
| E | 89+71.82 | -20.50 | 626.30 | 626.31 |
| ℄ Brg. Pier | 89+86.82 | -20.50 | 626.37 | 626.37 |
| F | 89+96.82 | -20.50 | 626.42 | 626.43 |
| G | 90+06.82 | -20.50 | 626.47 | 626.49 |
| H | 90+16.82 | -20.50 | 626.52 | 626.56 |
| I | 90+26.82 | -20.50 | 626.57 | 626.61 |
| J | 90+36.82 | -20.50 | 626.62 | 626.65 |
| E. Abut. ℄ Brg. | 90+51.82 | -20.50 | 626.70 | 626.70 |
| Bk. E. Abut. | 90+53.07 | -20.50 | 626.71 | 626.71 |

URS
345 EAST ASH AVENUE, SUITE B
DECATUR, ILLINOIS 62526
PH. 217-875-4800

| | | | |
|---|---|---|---|
| FILE NAME = | USER NAME = Brian K. Nicholson | DESIGNED - MJP | REVISED - --- |
| | | CHECKED - KWB | REVISED - --- |
| | PLOT SCALE = | DRAWN - BKN | REVISED - --- |
| | PLOT DATE = | CHECKED - KWB | REVISED - --- |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS**
**STRUCTURE NO. 058-6026**
SHEET NO. 3 OF 22 SHEETS

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 7398 | 09-00905-00-BR | MACON | 63 | 33 |
| | | CONTRACT NO. 95687 | | |
| | ILLINOIS FED. AID PROJECT | | | |