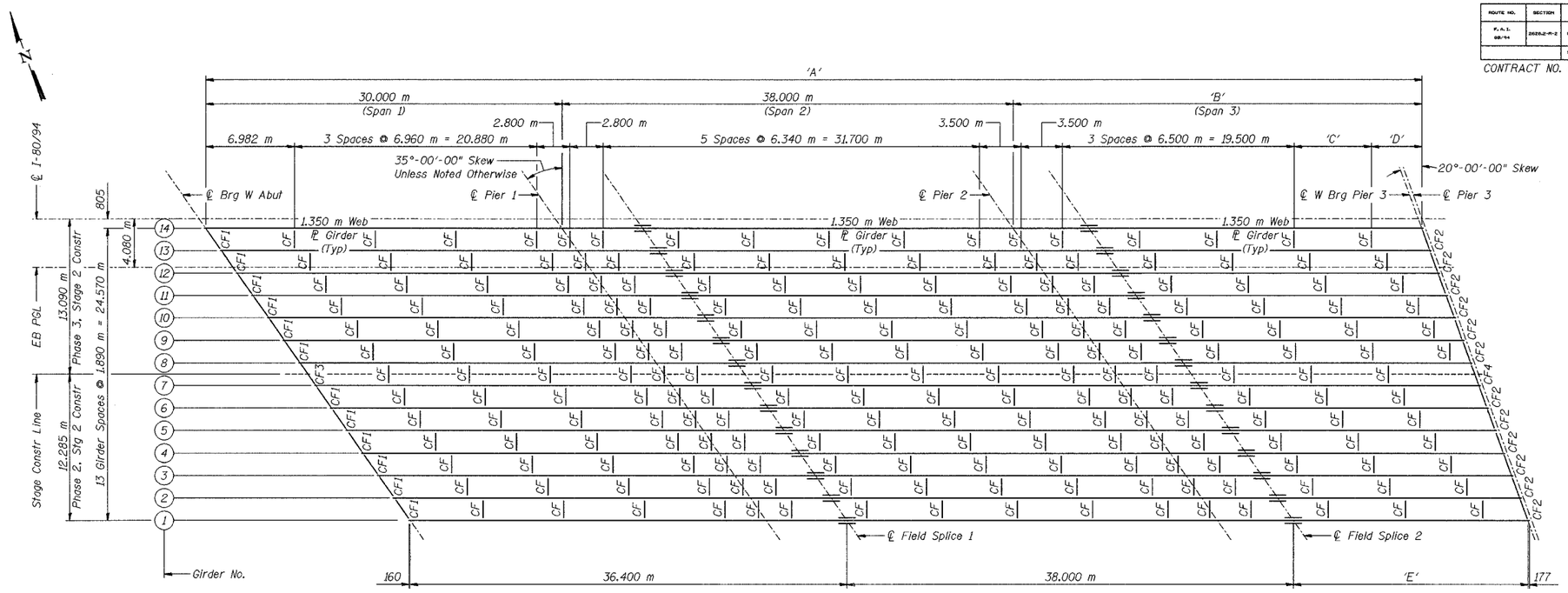
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.I. 80/94 | 2626.2-R-2 | LAKE COUNTY, INDIANA | 452 | 265 |
| | | ILL. SHARE | FED. AID PROJECT- | |

SHEET NO. S-33
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987




## TOP OF WEB ELEVATION TABLE

(For Fabrication Use Only)

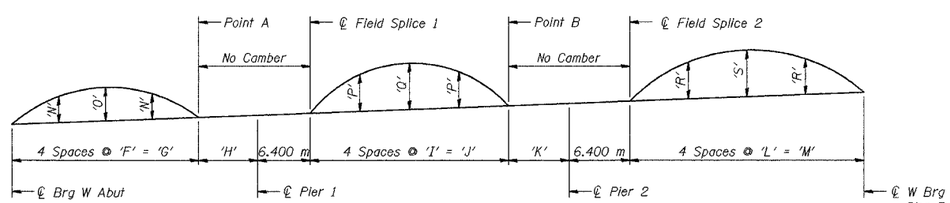
| Girder | ℄ Brg W Abut | ℄ Pier 1 | ℄ Field Splice 1 | ℄ Pier 2 | ℄ Field Splice 2 | ℄ Brg Pier 3 |
|---|---|---|---|---|---|---|
| 14 | 191.260 | 191.465 | 191.511 | 191.613 | 191.634 | 191.648 |
| 13 | 191.319 | 191.520 | 191.566 | 191.663 | 191.682 | 191.695 |
| 12 | 191.378 | 191.575 | 191.620 | 191.712 | 191.730 | 191.741 |
| 11 | 191.437 | 191.630 | 191.674 | 191.760 | 191.778 | 191.787 |
| 10 | 191.495 | 191.685 | 191.728 | 191.809 | 191.826 | 191.833 |
| 9 | 191.553 | 191.740 | 191.782 | 191.857 | 191.873 | 191.880 |
| 8 | 191.612 | 191.794 | 191.835 | 191.906 | 191.920 | 191.926 |
| 7 | 191.670 | 191.848 | 191.889 | 191.954 | 191.967 | 191.972 |
| 6 | 191.727 | 191.902 | 191.942 | 192.002 | 192.014 | 192.018 |
| 5 | 191.785 | 191.956 | 191.995 | 192.050 | 192.061 | 192.064 |
| 4 | 191.842 | 192.010 | 192.048 | 192.098 | 192.108 | 192.110 |
| 3 | 191.899 | 192.063 | 192.100 | 192.145 | 192.154 | 192.155 |
| 2 | 191.957 | 192.117 | 192.153 | 192.192 | 192.201 | 192.201 |
| 1 | 192.013 | 192.170 | 192.205 | 192.240 | 192.247 | 192.247 |

## VARIABLE DIMENSION TABLE

(Dimensions in meters)

| GIRDER | 'A' | 'B' | 'C' | 'D' | 'E' |
|---|---|---|---|---|---|
| 14 | 102.410 | 34.410 | 6.500 | 4.248 | 28.010 |
| 13 | 101.775 | 33.775 | 6.500 | 3.613 | 27.375 |
| 12 | 101.139 | 33.139 | 6.500 | 2.977 | 26.739 |
| 11 | 100.504 | 32.504 | 6.500 | 2.342 | 26.104 |
| 10 | 99.868 | 31.868 | 6.500 | 1.706 | 25.468 |
| 9 | 99.233 | 31.233 | 6.500 | 1.071 | 24.833 |
| 8 | 98.597 | 30.597 | 6.936 | - | 24.197 |
| 7 | 97.962 | 29.962 | 6.300 | - | 23.562 |
| 6 | 97.326 | 29.326 | 5.665 | - | 22.926 |
| 5 | 96.691 | 28.691 | 5.029 | - | 22.291 |
| 4 | 96.055 | 28.055 | 4.394 | - | 21.655 |
| 3 | 95.420 | 27.420 | 3.758 | - | 21.020 |
| 2 | 94.784 | 26.784 | 3.123 | - | 20.384 |
| 1 | 94.149 | 26.149 | - | - | 19.749 |

## FRAMING PLAN - UNIT 1 EASTBOUND




## CAMBER DIAGRAM

Upward Camber is Positive

CAMBER DIMENSION TABLE

| Girder | 'F' | 'G' | 'H' | 'I' | 'J' | 'K' | 'L' | 'M' | 'N' | 'O' | 'P' | 'Q' | 'R' | 'S' |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14 | ±5.640 | 22.560 | 7.440 | ±5.563 | 22.250 | 9.350 | ±7.003 | 28.010 | 27 | 43 | 36 | 48 | 37 | 53 |
| 13 | 5.630 | 22.520 | 7.480 | ±5.600 | 22.400 | 9.200 | ±6.844 | 27.375 | 27 | 42 | 37 | 49 | 35 | 50 |
| 12 | ±5.620 | 22.480 | 7.520 | ±5.638 | 22.550 | 9.050 | ±6.685 | 26.739 | 26 | 41 | 37 | 51 | 33 | 47 |
| 11 | 5.610 | 22.440 | 7.560 | 5.675 | 22.700 | 8.900 | ±6.526 | 26.104 | 26 | 41 | 38 | 52 | 31 | 44 |
| 10 | 5.600 | 22.400 | 7.600 | ±5.715 | 22.860 | 8.740 | ±6.367 | 25.468 | 26 | 40 | 39 | 53 | 29 | 41 |
| 9 | ±5.590 | 22.360 | 7.640 | ±5.753 | 23.010 | 8.590 | 6.208 | 24.833 | 25 | 39 | 39 | 54 | 27 | 39 |
| 8 | 5.580 | 22.320 | 7.680 | 5.790 | 23.160 | 8.440 | 6.049 | 24.197 | 25 | 39 | 40 | 55 | 25 | 36 |
| 7 | ±5.568 | 22.270 | 7.730 | ±5.828 | 23.310 | 8.290 | ±5.891 | 23.562 | 25 | 38 | 41 | 57 | 23 | 34 |
| 6 | 5.558 | 22.230 | 7.770 | ±5.865 | 23.460 | 8.140 | ±5.732 | 22.926 | 24 | 38 | 41 | 58 | 22 | 32 |
| 5 | ±5.548 | 22.190 | 7.810 | 5.903 | 23.610 | 7.990 | ±5.573 | 22.291 | 24 | 37 | 42 | 59 | 20 | 30 |
| 4 | ±5.538 | 22.150 | 7.850 | ±5.943 | 23.770 | 7.830 | ±5.414 | 21.655 | 24 | 37 | 42 | 60 | 19 | 29 |
| 3 | 5.528 | 22.110 | 7.890 | ±5.980 | 23.920 | 7.680 | ±5.255 | 21.020 | 23 | 36 | 43 | 61 | 18 | 27 |
| 2 | ±5.518 | 22.070 | 7.930 | 6.018 | 24.070 | 7.530 | ±5.096 | 20.384 | 23 | 36 | 43 | 62 | 16 | 25 |
| 1 | 5.508 | 22.030 | 7.970 | ±6.055 | 24.220 | 7.380 | 4.937 | 19.749 | 23 | 35 | 44 | 63 | 15 | 24 |

NOTES:

See Sheet No. S-35 for girder elevation.

See Sheet No. S-36 for field splice details and table of moments and shears.

See Sheet No. S-37 for cross frame details.

All dimensions are in millimeters (mm) except as noted.

| | |
|---|---|
| DESIGNED | BHS |
| CHECKED | KFA |
| DRAWN | MJB |
| CHECKED | GSP |

**PHASE 3 FOR INFORMATION ONLY**

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER LITTLE CALUMET RIVER & N.I.C.T.D. R.O.W.

**FRAMING PLAN – UNIT 1 EASTBOUND**
**SECTION 2626.2–R–1**
**LAKE COUNTY, INDIANA**
**STATION 8+470.000**
**STRUCTURE NO. I–80–1–8460 (EB & WB)**

DATE 07/04 **(016–I003 & 016–I004)**

AMERICAN CONSULTING ENGINEERS