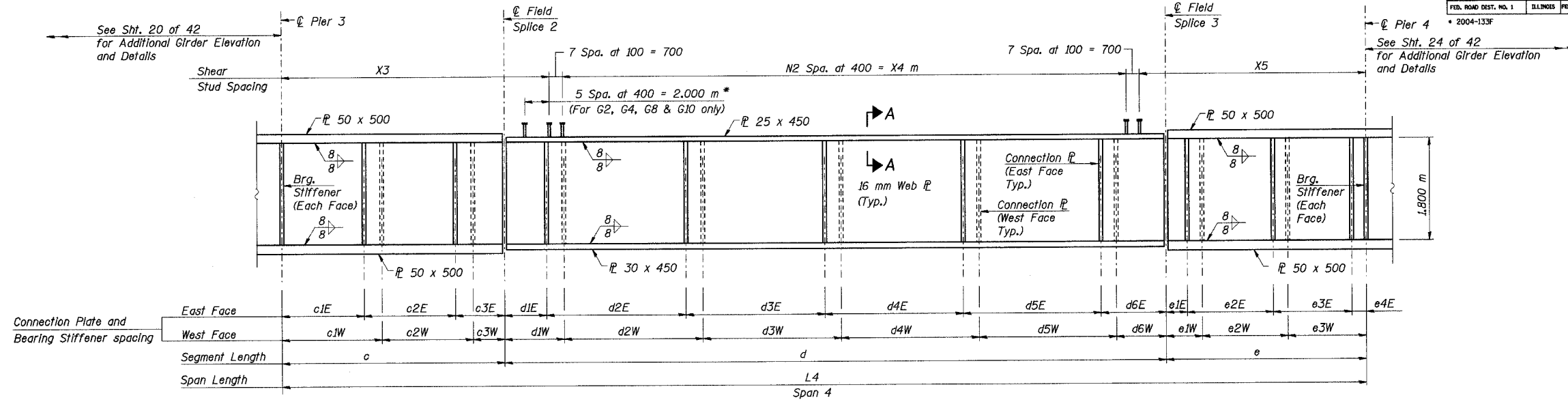


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                       |         |          |                   |                    |                           |
|-----------------------|---------|----------|-------------------|--------------------|---------------------------|
| ROUTE NO.             | SECTION | COUNTY   | TOTAL SHEETS      | SHEET NO.          | SHEET NO. 22<br>42 SHEETS |
| F. A. I.<br>80/94     | *       | COOK     | 90                | 37                 |                           |
| FED. ROAD DIST. NO. 1 |         | ILLINOIS | FED. AID PROJECT- | CONTRACT NO. 62898 |                           |
| * 2004-133F           |         |          |                   |                    |                           |



ELEVATION - GIRDERS 1 THRU 12 EXCEPT 3 & 9

(All Plates AASHTO M270M Grade 345, N.T.R.)  
Looking West, Girder East Face shown

GIRDER CONNECTION PLATE & BEARING STIFFENER SPACING (Meters)

| Girder No. | Girder East Side |       |       |       |       |       |       |       |       |       |       |       | Girder West Side |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | c1E              | c2E   | c3E   | d1E   | d2E   | d3E   | d4E   | d5E   | d6E   | e1E   | e2E   | e3E   | e4E              | c1W   | c2W   | c3W   | d1W   | d2W   | d3W   | d4W   | d5W   | d6W   | e1W   | e2W   | e3W   |
| 1          | 4.368            | 4.750 | 2.489 | 2.266 | 7.268 | 7.248 | 7.230 | 7.212 | 3.326 | 1.181 | 4.501 | 4.198 | 0.598            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |       |
| 2          | 4.281            | 4.692 | 2.634 | 2.231 | 7.304 | 7.277 | 7.251 | 7.227 | 3.265 | 1.249 | 4.506 | 4.273 | 0.453            | 5.133 | 4.750 | 1.724 | 3.020 | 7.243 | 7.224 | 7.205 | 7.187 | 2.676 | 1.817 | 4.486 | 4.178 |
| 3          | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 4          | 4.370            | 4.797 | 2.554 | 2.247 | 7.333 | 7.304 | 7.276 | 7.250 | 3.338 | 1.189 | 4.518 | 4.238 | 0.546            | 5.266 | 4.689 | 1.766 | 3.081 | 7.266 | 7.242 | 7.219 | 7.197 | 2.743 | 1.752 | 4.488 | 4.251 |
| 5          | 4.375            | 4.797 | 2.549 | 2.251 | 7.340 | 7.318 | 7.297 | 7.277 | 3.346 | 1.202 | 4.540 | 4.224 | 0.575            | 5.225 | 4.797 | 1.699 | 3.090 | 7.304 | 7.275 | 7.248 | 7.223 | 2.689 | 1.822 | 4.502 | 4.217 |
| 6          | 4.375            | 4.797 | 2.549 | 2.250 | 7.340 | 7.325 | 7.309 | 7.295 | 3.401 | 1.160 | 4.555 | 4.199 | 0.685            | 5.220 | 4.797 | 1.704 | 3.087 | 7.311 | 7.290 | 7.270 | 7.252 | 2.710 | 1.823 | 4.525 | 4.251 |
| 7          | 4.375            | 4.797 | 2.549 | 2.250 | 7.340 | 7.326 | 7.312 | 7.299 | 3.429 | 1.135 | 4.560 | 4.186 | 0.742            | 5.220 | 4.797 | 1.704 | 3.089 | 7.321 | 7.306 | 7.291 | 7.276 | 2.673 | 1.876 | 4.544 | 4.203 |
| 8          | 4.279            | 4.825 | 2.617 | 2.212 | 7.381 | 7.358 | 7.337 | 7.317 | 3.353 | 1.219 | 4.565 | 4.279 | 0.561            | 5.220 | 4.797 | 1.704 | 3.090 | 7.324 | 7.311 | 7.297 | 7.284 | 2.652 | 1.903 | 4.550 | 4.171 |
| 9          | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 10         | 4.377            | 4.850 | 2.623 | 2.231 | 7.414 | 7.386 | 7.360 | 7.334 | 3.456 | 1.124 | 4.571 | 4.187 | 0.753            | 5.369 | 4.823 | 1.658 | 3.156 | 7.351 | 7.332 | 7.313 | 7.294 | 2.735 | 1.823 | 4.552 | 4.260 |
| 11         | 4.377            | 4.850 | 2.623 | 2.231 | 7.414 | 7.387 | 7.361 | 7.336 | 3.460 | 1.122 | 4.573 | 4.186 | 0.760            | 5.323 | 4.850 | 1.677 | 3.165 | 7.386 | 7.358 | 7.332 | 7.306 | 2.642 | 1.922 | 4.554 | 4.165 |
| 12         | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -                | 5.323 | 4.850 | 1.677 | 3.165 | 7.387 | 7.360 | 7.334 | 7.309 | 2.642 | 1.924 | 4.556 | 4.165 |

SHEAR CONNECTOR NUMBERS  
"NOT IN CONTRACT"

| Girder No. | N2 |
|------------|----|
| 1          | 74 |
| 2          | 72 |
| 3          | -  |
| 4          | 72 |
| 5          | 76 |
| 6          | 76 |
| 7          | 76 |
| 8          | 72 |
| 9          | -  |
| 10         | 72 |
| 11         | 76 |
| 12         | 76 |

SHEAR CONNECTOR LOCATIONS (Meters)  
"NOT IN CONTRACT"

| Girder No. | X3     | X4     | X5     |
|------------|--------|--------|--------|
| 1          | 12.753 | 29.600 | 12.882 |
| 2          | 14.499 | 28.800 | 11.944 |
| 3          | -      | -      | -      |
| 4          | 15.157 | 28.800 | 11.603 |
| 5          | 13.078 | 30.400 | 12.213 |
| 6          | 13.177 | 30.400 | 12.263 |
| 7          | 12.956 | 30.400 | 12.544 |
| 8          | 14.747 | 28.800 | 12.356 |
| 9          | -      | -      | -      |
| 10         | 15.004 | 28.800 | 12.462 |
| 11         | 12.925 | 30.400 | 12.955 |
| 12         | 12.951 | 30.400 | 12.941 |

- Notes:
- All dimensions are in millimeters (mm) except as noted.
  - See Sht. No. 25 of 42 for Section A-A.
  - See Sht. No. 17 of 42 for Dimension c, d, e and L4.
  - Work this sheet with Sheet Nos. 21, 27, 28 - 30 of 42.
  - N.T.R. denotes notch toughness requirements are applicable.

|          |     |
|----------|-----|
| DESIGNED | JY  |
| CHECKED  | MEA |
| DRAWN    | LK  |
| CHECKED  | MEA |

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16-JUN-2005 10:54

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94 EAST BOUND / IL 394 SOUTH BOUND  
GIRDER ELEVATION AND DETAILS  
SPAN 4  
SB IL ROUTE 394 OVER THORN CREEK  
F.A.P. 332 SECTION 2004-133F  
COOK COUNTY  
STA. 440+704.350 STRUCTURE NO. 016-2800  
DATE 05/16/05  
SCALE ---  
**HNTB**