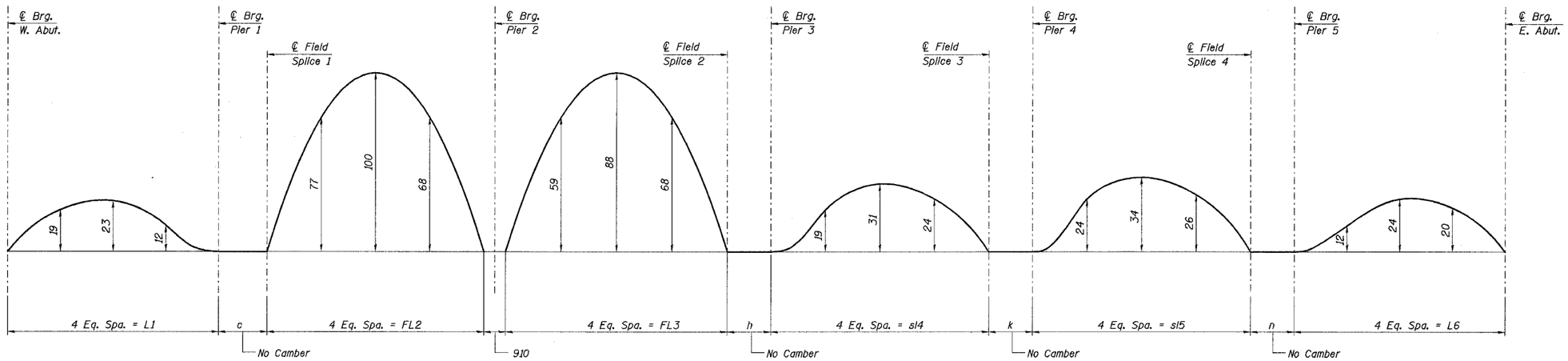
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F. A. I. 80/94 | * | COOK | 870 | 635 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT- | |

SHEET NO. 25
56 SHEETS

(0203.1 & 0312-708WR-3 CONTRACT NO. 62108




## CAMBER DIAGRAM

(For Dimensions c, h, L1, FL2, FL3, see Sheet 10 of 21. For Dimensions k, n, L6, see Sheet 11 of 21.)

## TOP OF WEB ELEVATIONS FOR FABRICATION (Meters)

(Elevations are before any deflection and are to be used for fabrication only)

| Girder | ℄ Brg. W. Abut. | ℄ Brg. Pier 1 | ℄ Splice 1 | D.S. Interface* | U.S. Interface* | ℄ Splice 2 | ℄ Brg. Pier 3 | ℄ Splice 3 | ℄ Brg. Pier 4 | ℄ Splice 4 | ℄ Brg. Pier 5 | ℄ Brg. E. Abut. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 184.930 | 184.882 | 184.870 | 184.695 | 184.691 | 184.581 | 184.553 | 184.401 | 184.377 | 184.240 | 184.210 | 184.094 |
| 2 | 185.091 | 185.043 | 185.031 | 184.856 | 184.852 | 184.743 | 184.715 | 184.563 | 184.538 | 184.401 | 184.371 | 184.255 |
| 3 | 185.252 | 185.203 | 185.193 | 185.017 | 185.013 | 184.904 | 184.876 | 184.724 | 184.699 | 184.562 | 184.531 | 184.416 |
| 4 | 185.412 | 185.364 | 185.354 | 185.178 | 185.174 | 185.066 | 185.037 | 184.885 | 184.860 | 184.723 | 184.692 | 184.577 |
| 5 | 185.573 | 185.525 | 185.514 | 185.339 | 185.334 | 185.226 | 185.198 | 185.045 | 185.021 | 184.884 | 184.853 | 184.738 |
| 6 | 185.734 | 185.686 | 185.675 | 185.500 | 185.495 | 185.386 | 185.358 | 185.206 | 185.182 | 185.045 | 185.014 | 184.898 |

* Girder top of web elevations are given at the intersection of the respective girder ℄ and the outer face of the upstation (U.S.) or downstation (D.S.) box beam web at Pier 2.

## BEARING SEAT ELEVATIONS (Meters)

(For all bearings except at Pier 2)

| Girder | ℄ Brg. W. Abut. | ℄ Pier 1 | ℄ Pier 3 | ℄ Pier 4 | ℄ Pier 5 | ℄ Brg. E. Abut. |
|---|---|---|---|---|---|---|
| 1 | 183.647 | 183.539 | 183.245 | 183.074 | 182.867 | 182.806 |
| 2 | 183.808 | 183.700 | 183.407 | 183.235 | 183.028 | 182.967 |
| 3 | 183.969 | 183.860 | 183.568 | 183.396 | 183.188 | 183.128 |
| 4 | 184.129 | 184.021 | 183.729 | 183.557 | 183.349 | 183.289 |
| 5 | 184.290 | 184.182 | 183.890 | 183.718 | 183.510 | 183.450 |
| 6 | 184.451 | 184.343 | 184.050 | 183.879 | 183.671 | 183.610 |

## GIRDER DIMENSIONS (Meters)

| Girder | sl4 | sl5 |
|---|---|---|
| 1 | 29.690 | 27.663 |
| 2 | 29.834 | 27.797 |
| 3 | 29.978 | 27.931 |
| 4 | 30.122 | 28.065 |
| 5 | 30.266 | 28.199 |
| 6 | 30.410 | 28.333 |

## PIER 2 BEARING SEAT ELEVATIONS (Meters)

| Column | ℄ Pier 2 |
|---|---|
| North | 183.047 |
| Center | 183.570 |
| South | 184.445 |

Notes:

1. All dimensions are in millimeters (mm) except as noted.
2. Work this sheet with Sheets 10, 11, 13, 16 & 18-20 of 21.

| | |
|---|---|
| DESIGNED | PJE |
| CHECKED | TRL |
| DRAWN | LK |
| CHECKED | TRL |

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

CAMBER AND TOP OF WEB ELEVATIONS

EB I-94 OVER THORN CREEK
F.A.I. 94 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 20+509.000 STRUCTURE NO. 016-2807

DATE JUL 18, 2005
SCALE ---

HNTB

JBeauchamp
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08-JUL-2005 14:20