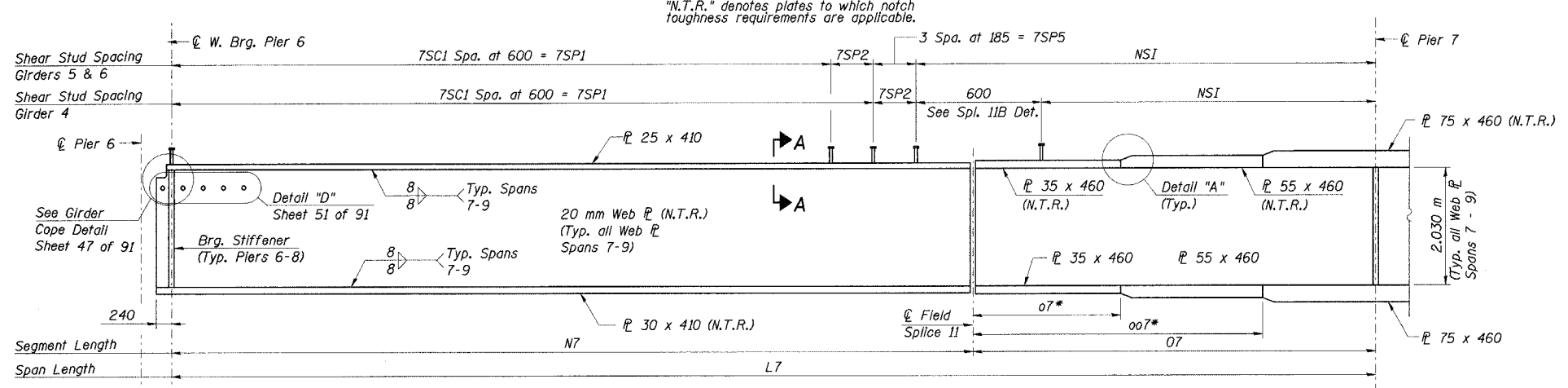
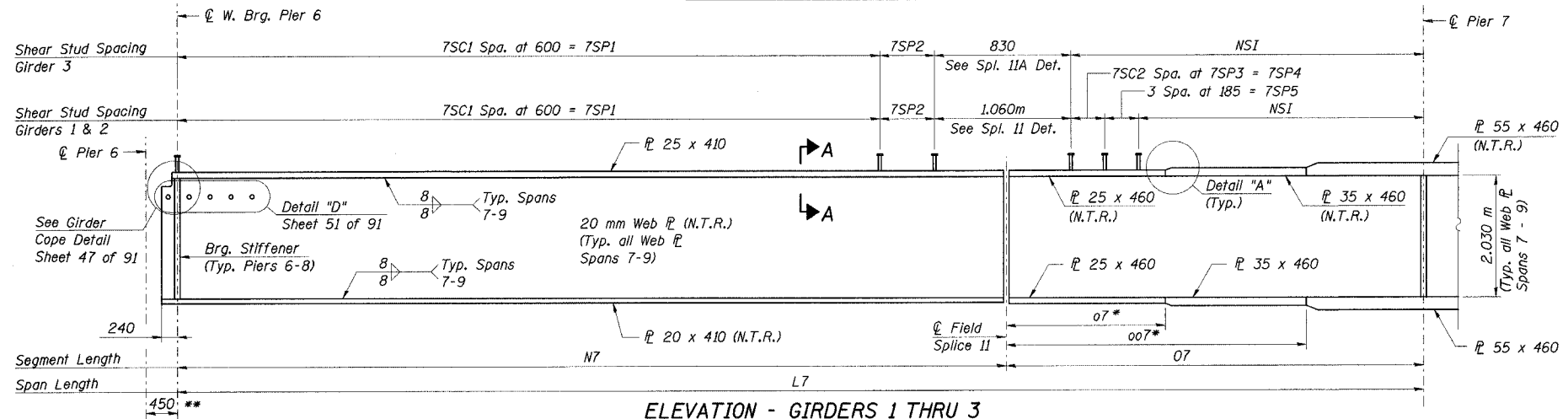
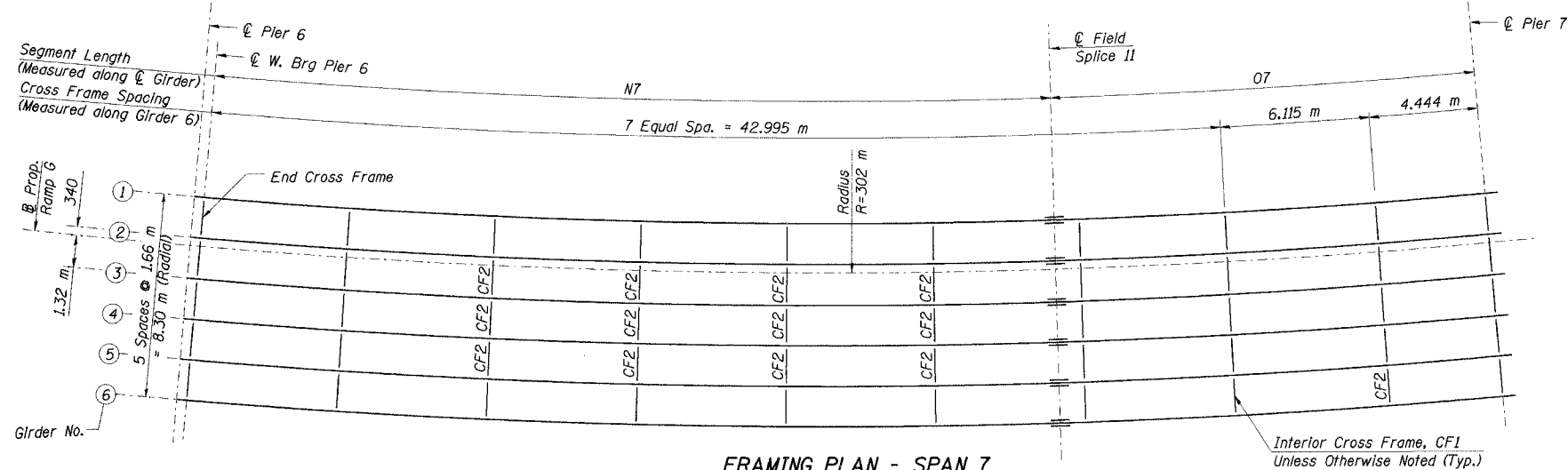


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|-----------------------|----------|-------------------|--------------|-----------|---------------------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 57 91 SHEETS |
| F. A. I. 80/94 | 0203.1B | COOK | 200 | 119 | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT- | | | |
| CONTRACT NO. 62854 | | | | | |



GIRDER DIMENSIONS (Meters)

| Girder | Radius | L7 | N7 | 07 | o7 | oo7 |
|--------|--------|--------|--------|--------|-------|--------|
| 1 | 300.00 | 52.100 | 34.219 | 17.881 | 7.460 | 13.411 |
| 2 | 301.66 | 52.390 | 34.410 | 17.980 | 7.502 | 13.485 |
| 3 | 303.32 | 52.681 | 34.602 | 18.079 | 7.543 | 13.559 |
| 4 | 304.98 | 52.972 | 34.794 | 18.178 | 7.584 | 13.633 |
| 5 | 306.64 | 53.263 | 34.986 | 18.277 | 7.625 | 13.707 |
| 6 | 308.30 | 53.554 | 35.179 | 18.375 | 7.667 | 13.782 |

ELEVATION - GIRDERS 4 THRU 6

"N.T.R." denotes plates to which notch toughness requirements are applicable.

SHEAR CONNECTOR DIMENSIONS (Meters)

| Girder | 7SC1 | 7SP1 | 7SP2 | 7SC2 | 7SP3 | 7SP4 | 7SP5 | NSI |
|--------|------|--------|-------|------|-------|-------|-------|--------|
| 1 | 56 | 33.600 | 0.089 | 2 | 0.322 | 0.644 | 0.555 | 16.152 |
| 2 | 56 | 33.600 | 0.280 | 1 | 0.465 | 0.465 | 0.555 | 16.430 |
| 3 | 56 | 33.600 | 0.472 | 0 | 0.000 | 0.000 | 0.000 | 17.779 |
| 4 | 56 | 33.600 | 0.294 | 0 | 0.000 | 0.000 | 0.000 | 18.478 |
| 5 | 55 | 33.000 | 0.174 | 0 | 0.000 | 0.000 | 0.555 | 19.534 |
| 6 | 54 | 32.400 | 0.199 | 0 | 0.000 | 0.000 | 0.555 | 20.400 |

- Notes:
- All flange plates and web plates shall be AASHTO M270M Grade 345.
 - Work this sheet with Sht. Nos. 58, 59 & 60 of 91.
 - For Section A-A, Detail A, & Bearing Stiffener Details, see Sht. No. 45 of 91.
 - Place all cross frames radially, except End Cross Frame at Pier 6.
- * Top & Bottom.
** Dimension measured along @ Ramp G only.

J:\Beauchamp
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ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94/IL 394 SOUTH BOUND
**FRAMING PLAN, GIRDER ELEVATION
AND DETAILS-SPAN 7**
WB I-80/94 TO SB IL 394 - RAMP G
FAI 80/94 - FAP 332 SECTION 0203.1B
COOK COUNTY
STA. 120+796.063 STRUCTURE NO. 016-2804
DATE 3/23/05
SCALE ---

HNTB