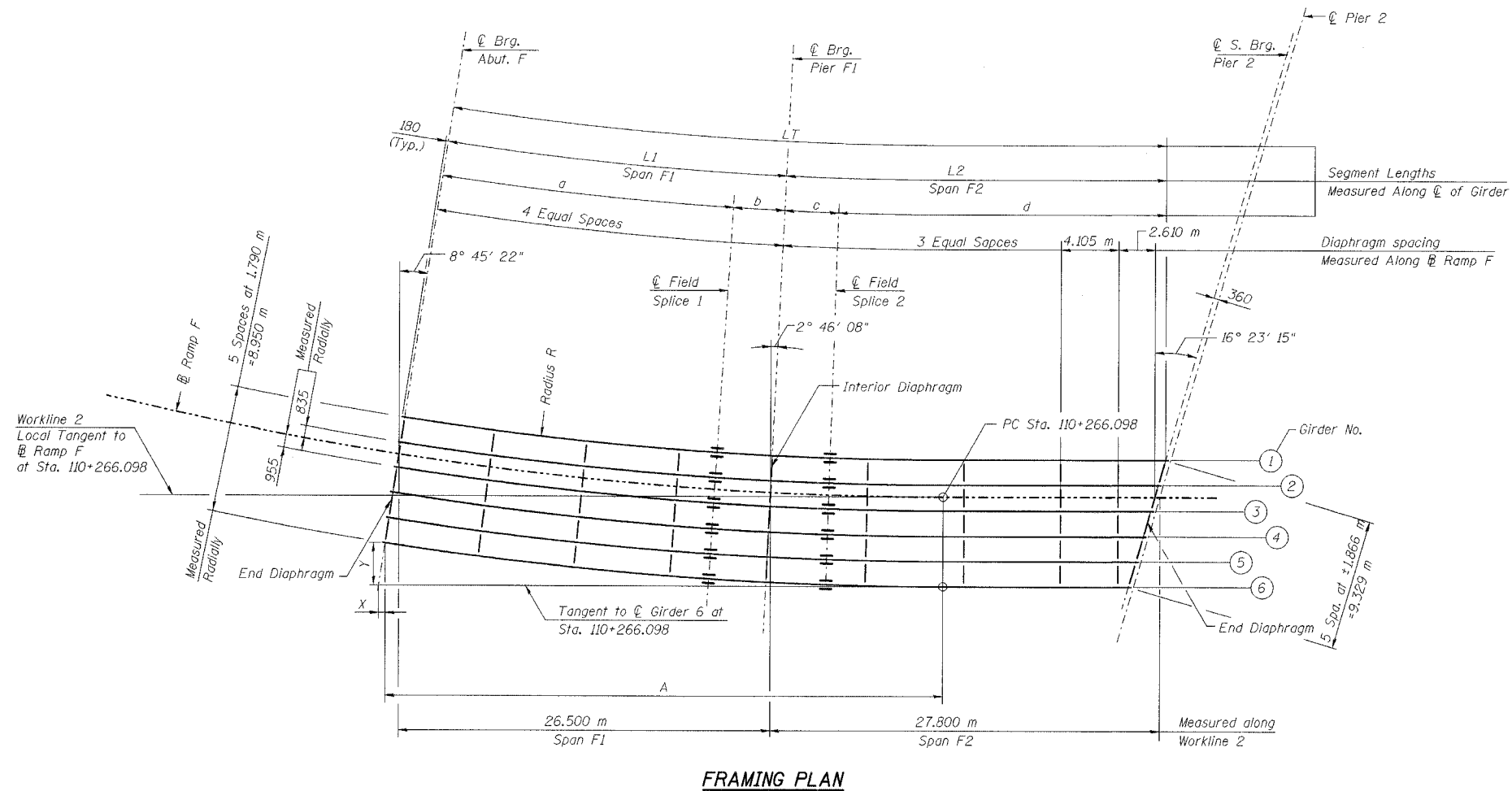


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|-----------------------|----------|-------------------|--------------------|-----------|---------------------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 34 42 SHEETS |
| F. A. I. 80/94 | * | COOK | 90 | 49 | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT- | | | |
| * 2004-133F | | | CONTRACT NO. 62698 | | |



FRAMING PLAN

GIRDER DIMENSIONS (Meters)

| Girder | Radius R | A | Span F1 | | | Span F2 | | | LT |
|----------|----------|--------|---------|-------|--------|---------|--------|--------|--------|
| | | | a | b | L1=a+b | c | d | L2=c+d | |
| 1 | 252.375 | 38.419 | 22.431 | 3.942 | 26.373 | 4.130 | 23.945 | 28.075 | 54.448 |
| 2 | 254.165 | 38.692 | 22.590 | 3.970 | 26.560 | 4.159 | 23.475 | 27.634 | 54.194 |
| 3 | 255.955 | 38.964 | 22.749 | 3.998 | 26.747 | 4.188 | 23.006 | 27.194 | 53.941 |
| 4 | 257.745 | 39.237 | 22.908 | 4.026 | 26.934 | 4.217 | 22.538 | 26.755 | 53.689 |
| 5 | 259.535 | 39.509 | 23.067 | 4.054 | 27.121 | 4.247 | 22.068 | 26.315 | 53.436 |
| 6 | 261.325 | 39.782 | 23.226 | 4.082 | 27.308 | 4.276 | 21.599 | 25.875 | 53.183 |
| @ Ramp F | 255.000 | - | - | - | 26.647 | - | - | 27.429 | 54.076 |

LAYOUT DIMENSIONS (Meters)

| Girder | @ Brg. Pier 2 | | Splice 2 | | @ Pier F1 | | Splice 1 | | @ Brg. Abut. F | |
|--------|---------------|-------|----------|-------|-----------|-------|----------|-------|----------------|-------|
| | X | Y | X | Y | X | Y | X | Y | X | Y |
| 1 | 0.000 | 0.000 | 0.004 | 0.129 | 0.014 | 0.295 | 0.033 | 0.516 | 0.453 | 2.941 |
| 2 | 0.000 | 0.000 | 0.004 | 0.130 | 0.014 | 0.297 | 0.033 | 0.519 | 0.456 | 2.962 |
| 3 | 0.000 | 0.000 | 0.004 | 0.131 | 0.014 | 0.299 | 0.033 | 0.523 | 0.459 | 2.983 |
| 4 | 0.000 | 0.000 | 0.004 | 0.132 | 0.015 | 0.301 | 0.034 | 0.527 | 0.463 | 3.004 |
| 5 | 0.000 | 0.000 | 0.004 | 0.133 | 0.015 | 0.303 | 0.034 | 0.530 | 0.466 | 3.025 |
| 6 | 0.000 | 0.000 | 0.004 | 0.133 | 0.015 | 0.305 | 0.034 | 0.534 | 0.469 | 3.046 |

Notes:

- Coordinate system (x, y) shown in Framing Plan is for Girder 6. Typical for all Girders with local tangent to each girder at Sta. 110+266.098 @ Ramp F.
- Place all interior diaphragms radially.
- The Contractor shall submit the proposed method of erection of the steel girders and cross frames for approval by the engineer prior to the start of this work.
- All dimensions are in millimeters (mm) except noted otherwise.

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| | |
|----------|-----|
| DESIGNED | ML |
| CHECKED | MAS |
| DRAWN | LK |
| CHECKED | MAS |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND
 FRAMING PLAN
 SPANS 1F & 2F - UNIT 3
 RAMP F OVER THORN CREEK
 F.A.P. 332 SECTION 2004-133F
 COOK COUNTY
 STA. 440+704.350 STRUCTURE NO. 016-2845
 DATE 05/16/05
 SCALE ---
HNTB