



CURVATURE TABLE

| DEGREE OF CURVE | RADIUS IN FEET | △      | CURVE PANEL? |
|-----------------|----------------|--------|--------------|
| 3° OR LESS      | 1,910          | 0.24°  | NO           |
| 4°              | 1,433          | 0.32°  | YES          |
| 5°              | 1,146          | 0.40°  | YES          |
| 6°              | 955            | 0.48°  | YES          |
| 7°              | 819            | 0.56°  | YES          |
| 8°              | 717            | 0.66°  | YES          |
| 9°              | 637            | 0.74°  | YES          |
| 10 °            | 574            | 0.82°  | YES          |
| 11 °            | 522            | 0.90°  | YES          |
| 12 °            | 478            | 0.98°  | YES          |
| 13 °            | 442            | 1.06°  | YES          |
| 14 °            | 410            | 1.14 ° | YES          |

NOTES:

A CURVED PANEL IS A PANEL THAT IS PIE SHAPED WITH A LONGER OUTER LENGTH THAN INNER LENGTH WITH A TRUE RADIUSUED OUTER AND INNER STEEL.

CURVED PANELS USE STANDARD REINFORCEMENT SIMILAR TO TANGENT PANEL STANDARD REINFORCEMENT.

LAG HOLES MUST LINE UP WITH THE CENTERLINE OF THE TIES.

**NORFOLK SOUTHERN RAILWAY COMPANY**  
**CURVED CONCRETE PANELS**

SHEET 2 OF 2  
 APRIL 2003  
 Atlanta, Georgia

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| REVISION |  |
| DATE     |  |