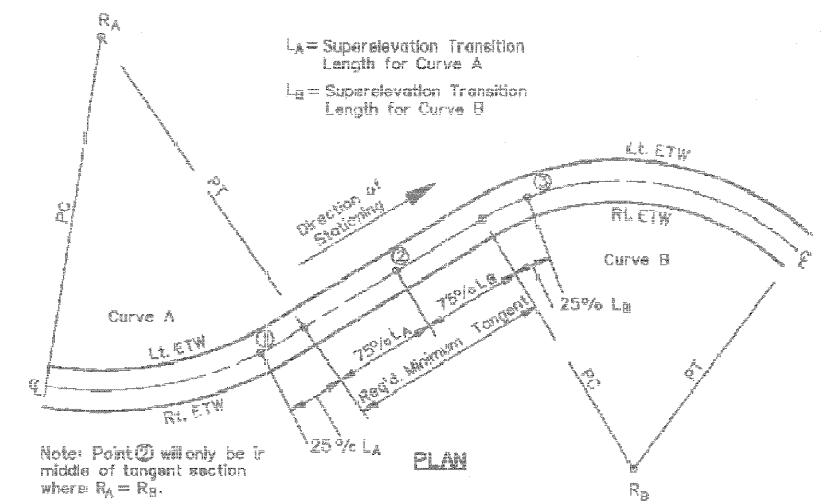
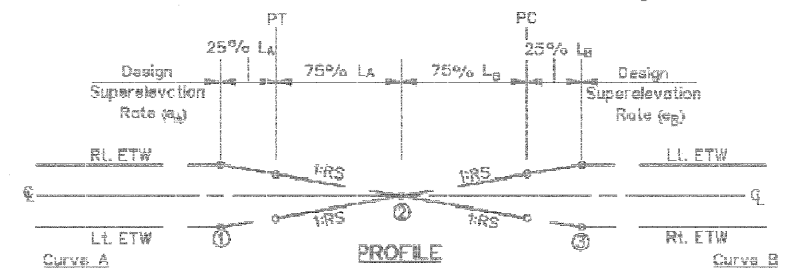


AXIS OF ROTATION ABOUT CENTERLINE
(Two-Lane Highway)
Figure 29-3E

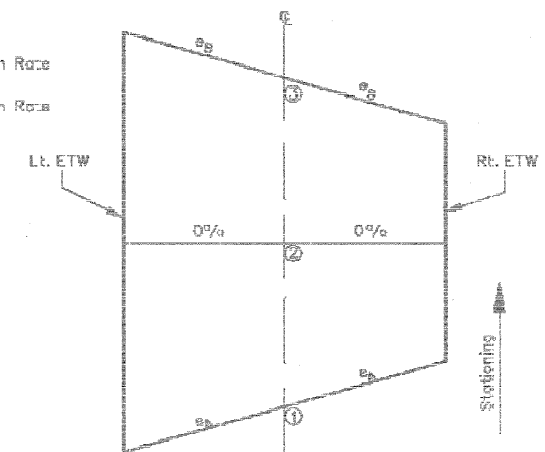
| PROPOSED SUPERELEVATION TABLE | | | |
|-------------------------------|----------|--------|--------|
| SECTIONS | STA | LEFT | RIGHT |
| | | SE | SE |
| A | 37+38.29 | -1.50% | -1.50% |
| B | 37+75.29 | 0.00% | -1.50% |
| C | 38+12.29 | 1.50% | -1.50% |
| PC | 38+57.54 | 4.00% | -4.00% |
| D | 38+97.29 | 5.00% | -5.00% |
| | | | |
| 1 | 42+71.05 | 5.00% | -5.00% |
| 2 | 44+30.05 | 0.00% | 0.00% |
| 3 | 45+72.05 | -6.00% | 6.00% |
| | | | |
| D | 47+89.24 | -6.00% | 6.00% |
| PT | 48+24.74 | -4.00% | 4.00% |
| C | 48+75.24 | -1.50% | 1.50% |
| B | 49+03.24 | -1.50% | 0.00% |
| A | 49+31.24 | -1.50% | -1.50% |
| | | | |
| A | 50+72.86 | -1.50% | -1.50% |
| B | 51+00.86 | 0.00% | -1.50% |
| C | 51+28.86 | 1.50% | -1.50% |
| PC | 51+79.36 | 4.00% | -4.00% |
| D | 52+14.86 | 6.00% | -6.00% |
| | | | |
| 1 | 54+42.05 | 6.00% | -6.00% |
| 2 | 55+84.05 | 0.00% | 0.00% |
| 3 | 57+55.05 | -5.50% | 5.50% |
| | | | |
| D | 61+24.65 | -5.50% | 5.50% |
| PT | 61+67.40 | -3.67% | 3.67% |
| C | 62+21.65 | -1.50% | 1.50% |
| B | 62+58.65 | -1.50% | 0.00% |
| A | 62+95.65 | -1.50% | -1.50% |



Note: Point ② will only be in middle of tangent section where $R_A = R_B$.



e_A = Design Superlevation Rate for Curve A
 e_B = Design Superlevation Rate for Curve B



SUPERELEVATION DEVELOPMENT FOR REVERSE CURVES
(Continuously Rotating Plane)
Figure 29-3G

| | | | |
|-------------------------------------|-----------------------|------------|-----------|
| FILE NAME = v:\2844\2844\009.dgn | USER NAME = bdeoraene | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE. 258 (C.H. 2) SUPERELEVATION TABLE & DETAILS

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

| | | | | |
|---|---------------------------|--------------------|--------------------|-----------------|
| F.A.S. RTE. 258 | SECTION 11-00325-00-SP | COUNTY LA SALLE | TOTAL SHEETS 84 | SHEET NO. 13 |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | CONTRACT NO. 87479 | |