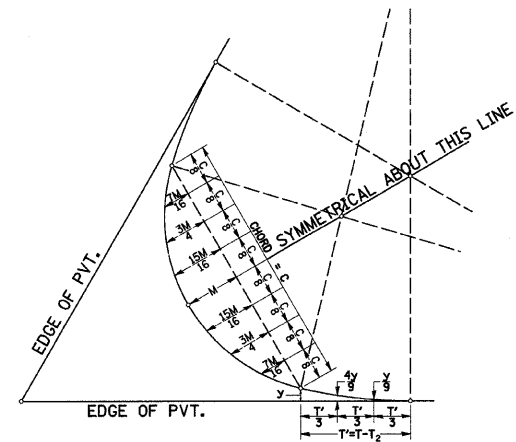


# TYPICAL AGGREGATE BASE SIDEROAD

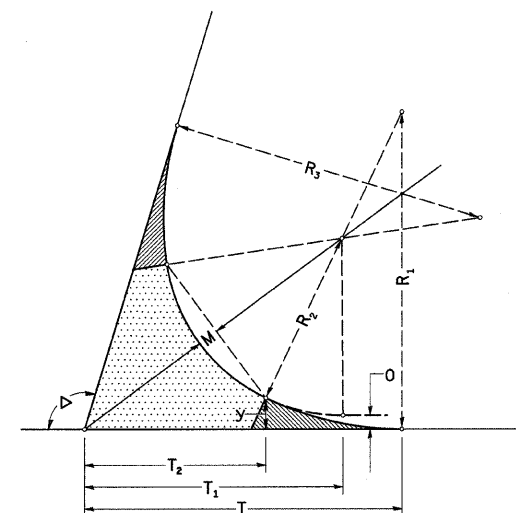
|                     |          |                  |              |           |
|---------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 654                 | 109M     | CARROLL          | 76           | 43        |
| STA.                | TO STA.  |                  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

# THREE CENTER CURVE DATA

## SYMMETRICAL CURVES



FIELD LAYOUT METHOD

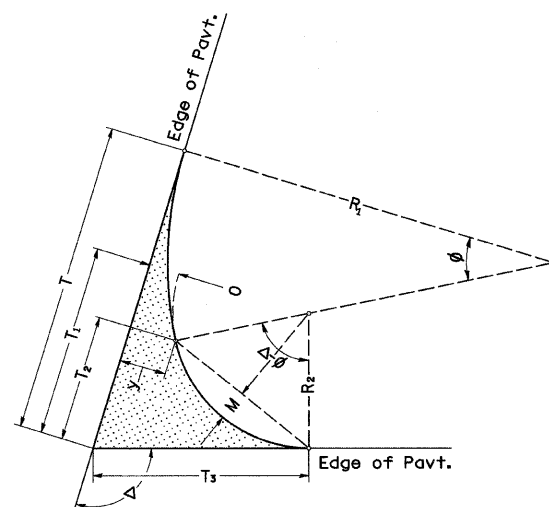


FOR SYMMETRICAL CURVES

| CURVE #          |  |  |  |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|--|--|--|
| R <sub>1</sub>   |  |  |  |  |  |  |  |  |  |  |
| R <sub>2</sub>   |  |  |  |  |  |  |  |  |  |  |
| R <sub>3</sub>   |  |  |  |  |  |  |  |  |  |  |
| O                |  |  |  |  |  |  |  |  |  |  |
| Δ                |  |  |  |  |  |  |  |  |  |  |
| T                |  |  |  |  |  |  |  |  |  |  |
| T <sub>1</sub>   |  |  |  |  |  |  |  |  |  |  |
| T <sub>2</sub>   |  |  |  |  |  |  |  |  |  |  |
| T'               |  |  |  |  |  |  |  |  |  |  |
| y                |  |  |  |  |  |  |  |  |  |  |
| $\frac{4y}{9}$   |  |  |  |  |  |  |  |  |  |  |
| $\frac{y}{9}$    |  |  |  |  |  |  |  |  |  |  |
| M                |  |  |  |  |  |  |  |  |  |  |
| $\frac{15M}{16}$ |  |  |  |  |  |  |  |  |  |  |
| $\frac{3M}{4}$   |  |  |  |  |  |  |  |  |  |  |
| $\frac{7M}{16}$  |  |  |  |  |  |  |  |  |  |  |
| C                |  |  |  |  |  |  |  |  |  |  |

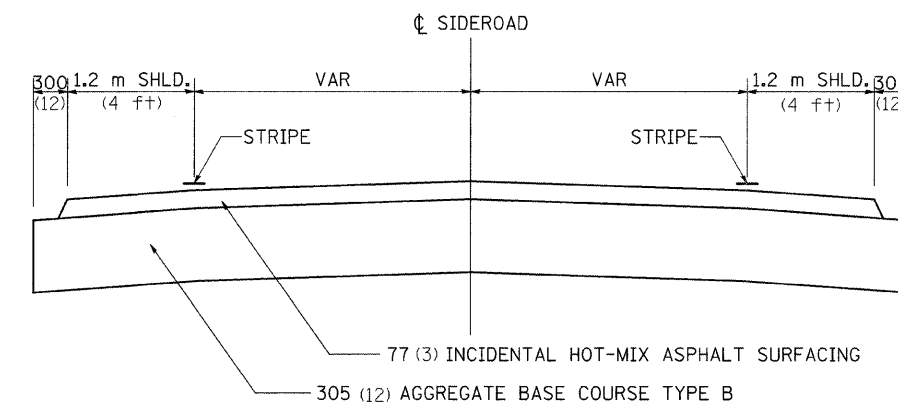
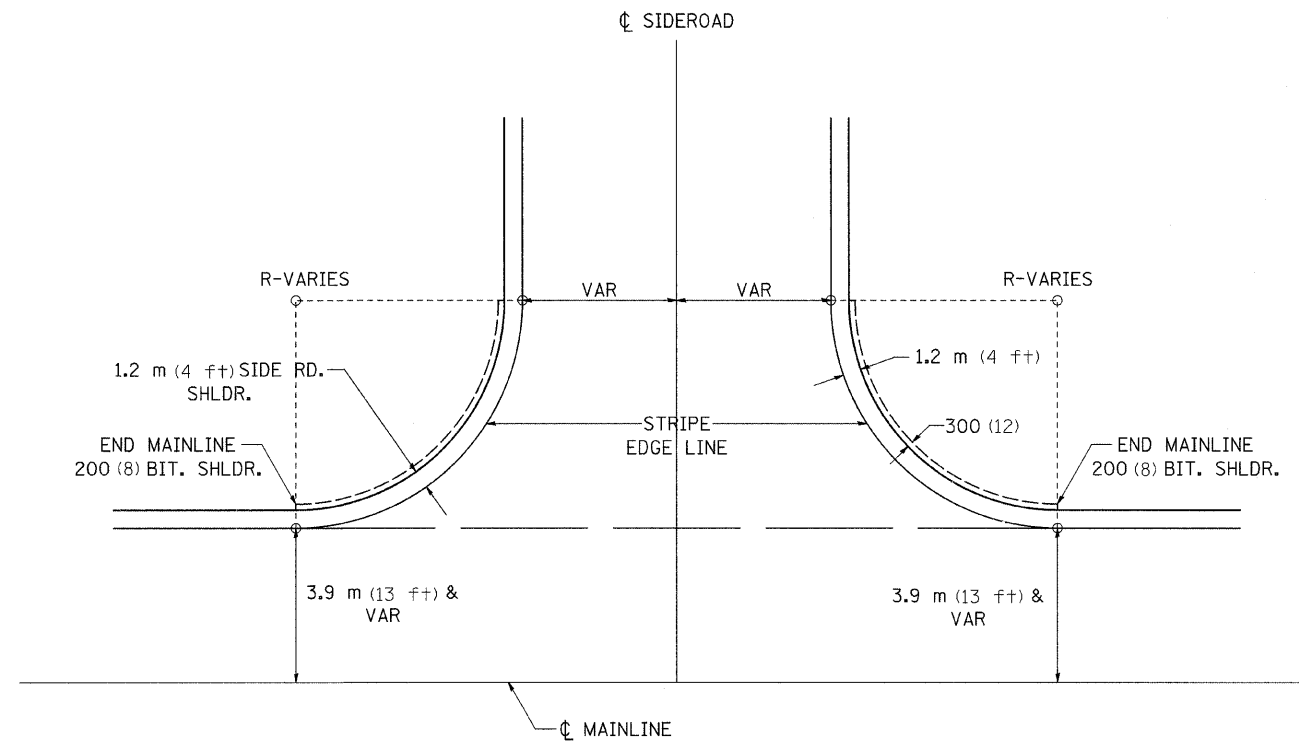
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

# TWO CENTER CURVE DATA



TWO CENTER CURVES

| CURVE #          |  |  |  |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|--|--|--|
| R <sub>1</sub>   |  |  |  |  |  |  |  |  |  |  |
| R <sub>2</sub>   |  |  |  |  |  |  |  |  |  |  |
| O                |  |  |  |  |  |  |  |  |  |  |
| Δ                |  |  |  |  |  |  |  |  |  |  |
| T                |  |  |  |  |  |  |  |  |  |  |
| T <sub>1</sub>   |  |  |  |  |  |  |  |  |  |  |
| T <sub>2</sub>   |  |  |  |  |  |  |  |  |  |  |
| T <sub>3</sub>   |  |  |  |  |  |  |  |  |  |  |
| y                |  |  |  |  |  |  |  |  |  |  |
| $\frac{4y}{9}$   |  |  |  |  |  |  |  |  |  |  |
| $\frac{y}{9}$    |  |  |  |  |  |  |  |  |  |  |
| M                |  |  |  |  |  |  |  |  |  |  |
| $\frac{15M}{16}$ |  |  |  |  |  |  |  |  |  |  |
| $\frac{3M}{4}$   |  |  |  |  |  |  |  |  |  |  |
| $\frac{7M}{16}$  |  |  |  |  |  |  |  |  |  |  |
| C                |  |  |  |  |  |  |  |  |  |  |



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PLOT DATE = Thu Dec 13 14:45:48 2007  
 FILE NAME = c:\pav\projects\2007\90\109m\64b89\93.dgn  
 PLOT SCALE = 1:10000  
 REFERENCE = WRE4