

## STANDARD SYMBOLS

|                             |   |
|-----------------------------|---|
| LOCATION $\mathbb{B}$ ..... | ALIGNMENT ON WHICH THE PROPOSED RIGHT-OF-WAY AND CONSTRUCTION IS BASED.   |
| STANDARD PAVEMENT.....      | THE TYPICAL PAVEMENT SECTION TO BE SHOWN ON THE ROAD PLANS.   |
| P.C. ....                   | POINT OF BEGINNING OF BASELINE CIRCULAR CURVE.  |
| P.T. ....                   | POINT OF ENDING OF BASELINE CIRCULAR CURVE.   |
| P.C.C. ....                 | POINT OF BASELINE COMPOUND CURVATURE.   |
| P.R.C.....                  | POINT OF BASELINE REVERSE CURVE.  |
| T.S. ....                   | POINT OF CHANGE FROM TANGENT TO TRANSITION CURVE. (TANGENT TO SPIRAL)   |
| S.C. ....                   | POINT OF CHANGE FROM TRANSITION CURVE TO CIRCULAR CURVE. (SPIRAL TO CIRCULAR)   |
| C.S. ....                   | POINT OF CHANGE FROM CIRCULAR CURVE TO TRANSITION CURVE. (CIRCULAR TO SPIRAL)   |
| S.T. ....                   | POINT OF CHANGE FROM TRANSITION CURVE TO TANGENT. (SPIRAL TO TANGENT)   |
| RADIUS .....                | RADIUS OF BASELINE CIRCULAR CURVE.  |
| DV .....                    | APPROXIMATE MAXIMUM SAFE SPEED IN MILES PER HOUR USING STANDARD RATE OF SUPER-ELEVATION.  |
| NC .....                    | APPROXIMATE MAXIMUM SAFE SPEED IN MILES PER HOUR WITH NO SUPERELEVATION. FACTORS APPLY ONLY TO URBAN LOW SPEED CONDITIONS.              |
| Lr .....                    | LENGTH OF TRANSITION CURVE MEASURED ALONG BASELINE. WHERE NO TRANSITION CURVE IS APPLIED Lr IS LENGTH OF SUPERELEVATION RUNOFF SECTION. |
| W OR PW .....               | WIDTH OF STANDARD PAVEMENT.   |
| ZT .....                    | DISTANCE FROM TRANSITIONED BASELINE TO EDGES OF TRANSITIONED PAVEMENT   |
| w .....                     | MAXIMUM TOTAL PAVEMENT WIDENING.  |
| E .....                     | RATE OF SUPERELEVATION.   |
| F .....                     | SAFE SIDE FRICTION FACTOR.  |
| S .....                     | AMOUNT OF SUPERELEVATION TO BE APPLIED TO THE BASELINE GRADE TO OBTAIN THE ELEVATIONS OF THE EDGES OF TRANSITIONED PAVEMENT.            |
| C .....                     | DIFFERENCE IN ELEVATION BETWEEN BASELINE (CENTER) AND EDGE OF PAVEMENT FOR STANDARD PAVEMENT CROWN.                                     |
| Lt .....                    | STANDARD PAVEMENT CROWN TRANSITION OR TANGENT RUNOUT SECTION.   |
| CP .....                    | CHORD POINT (1/10 INCREMENTS OF TRANSITION CURVE).  |
| NPC.....                    | NORMAL PAVEMENT CROWN.  |

ALL DISTANCES (HORIZONTAL AND VERTICAL) ARE MEASURED IN FEET.



ROAD AND BRIDGE STANDARDS

## TRANSITION CURVES FOR RURAL AND URBAN HIGHWAYS AND STREET CONDITIONS

SPECIFICATION  
REFERENCE

SHEET 1 OF 1

REVISION DATE

803.02

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