PLAN

Lr FIRST CURVE

Lr SECOND CURVE

SPIRAL TRANSITION

SECOND CURVE

ZT

ZT

ZT

C.S. OR S.C.

P.R.C.

℄

FIRST CURVE

ZT

ZT

C.S. OR S.C.

PLAN

PROFILE

HIGH SIDE EDGE
OF PAVEMENT

FIRST CURVE

℄ GRADE

S

S

LOW SIDE EDGE
OF PAVEMENT

C.S. OR S.C.

HIGH SIDE EDGE
OF PAVEMENT

S

SECOND CURVE
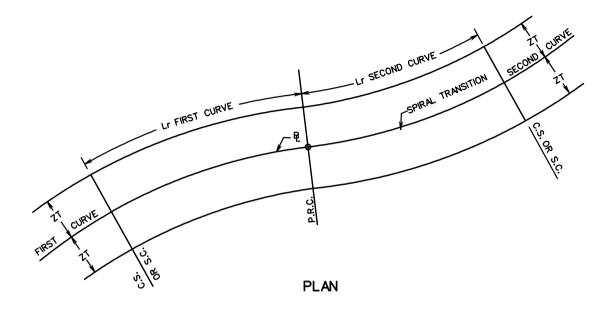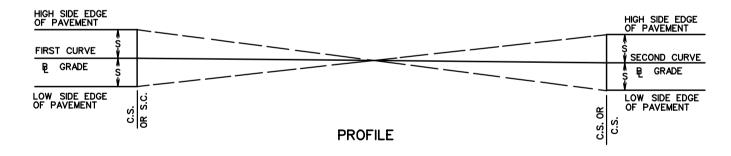
℄ GRADE

S

LOW SIDE EDGE
OF PAVEMENT

C.S. OR C.S.

PROFILE

NOTE:

1. COMPUTE STRAIGHT LINE WIDENING AND SUPERELEVATION TRANSITION FROM MAXIMUM OF FIRST CURVE TO MAXIMUM OF SECOND CURVE.

2. REFER TO CHAPTER 3 OF THE AASHTO'S A POLICY ON THE GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR ADDITIONAL REVERSE CURVE DESIGN INFORMATION.

METHOD OF APPLYING TC-5.01 ON REVERSE CURVES
RURAL CONDITIONS WITH PAVEMENT WIDENING

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION
REFERENCE

REV. 1/07

802.12