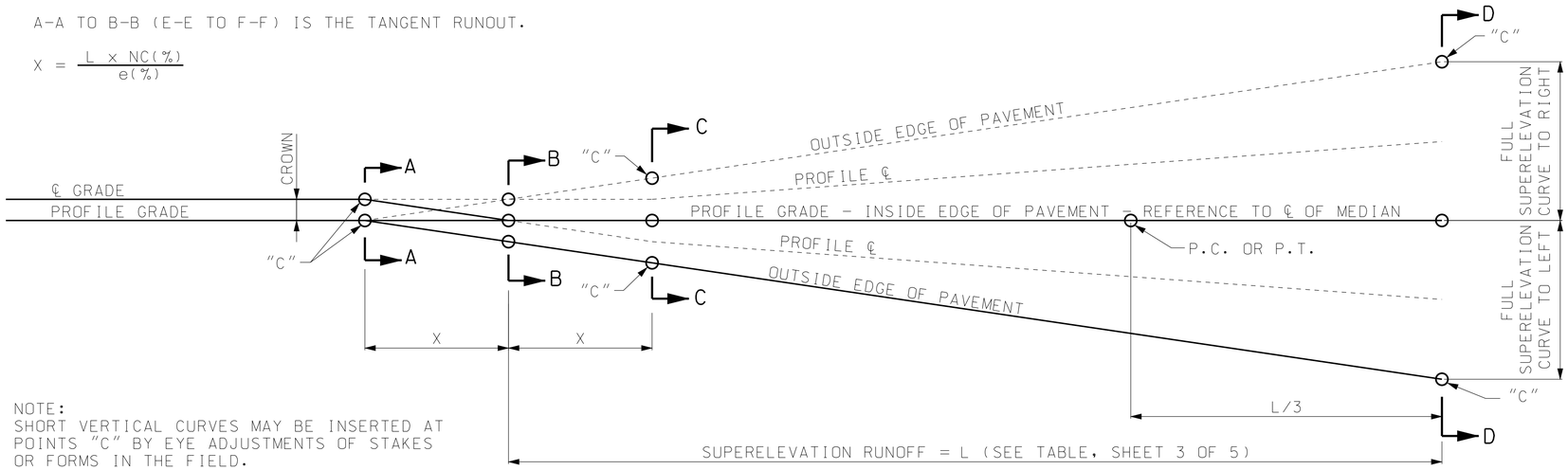
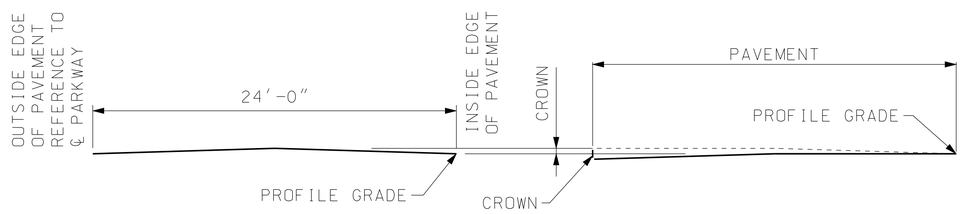
A-A TO B-B (E-E TO F-F) IS THE TANGENT RUNOUT.

$$X = \frac{L \times NC(\%)}{e(\%)}$$



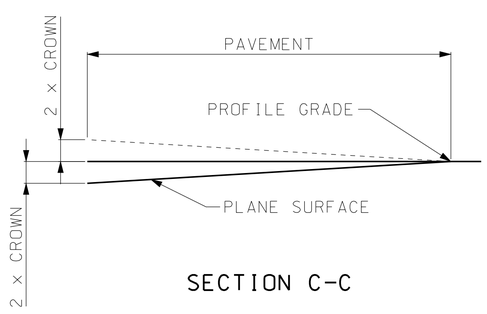
NOTE:
SHORT VERTICAL CURVES MAY BE INSERTED AT POINTS "C" BY EYE ADJUSTMENTS OF STAKES OR FORMS IN THE FIELD.



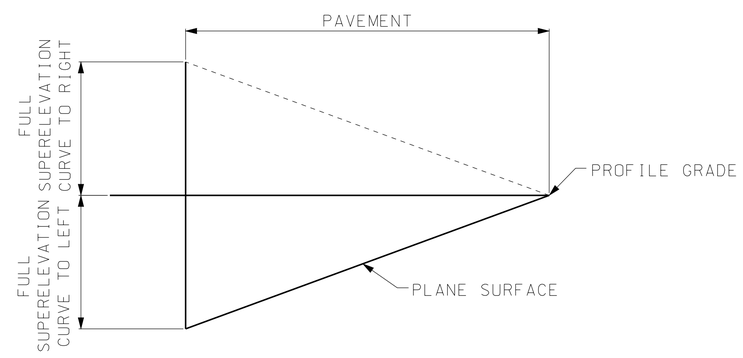
SECTION A-A

SECTION B-B

SOLID LINES ARE FOR CURVES TO LEFT
DASHED LINES ARE FOR CURVES TO RIGHT



SECTION C-C



SECTION D-D

METHOD OF ATTAINING SUPERELEVATION
(LEFT LANE)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI
KATHRYN PHILLIPS HARVEY
NUMBER PE-23751
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

SUPERELEVATION, SPIRALS AND WIDENING
DIVIDED HIGHWAYS

DATE EFFECTIVE: 04/01/2002
DATE PREPARED: 8/21/2009

203.21J

SHEET NO. 4 OF 5