SECTION WITH GRADES LESS THAN 0.5%

0.0150 FT/FT - MINIMUM 0.0208 FT/FT - DESIRABLE 0.0250 FT/FT - MAXIMUM

O.5% OR GREATER

0.0156 FT/FT - MINIMUM 0.0208 FT/FT - DESIRABLE O. 0300 FT/FT - MAXIMUM

B. SUPERELEVATION RATE

12/14/2012

S.E. RATE SHOWN ON PLANS OR SE RATE EXISTING IN FIELD. WHICHEVER IS GREATER.

C. SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT POINT TO FULL SE)

RATE OF CORRESPONDING DIFFERENCE IN CHANGE GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT MINIMUM 0.67% DESIRABLE 1:200 0.50% 0. 33% MAXIMUM

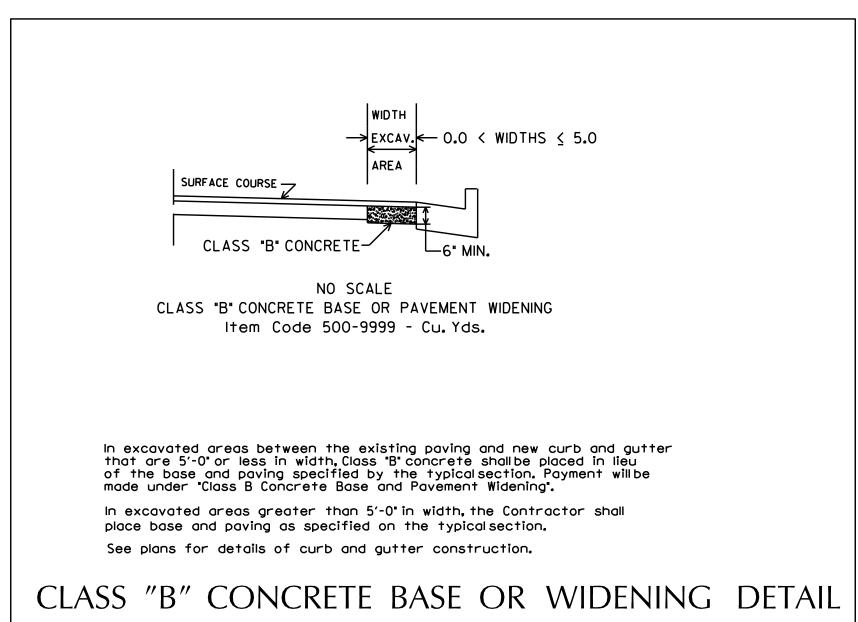
LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

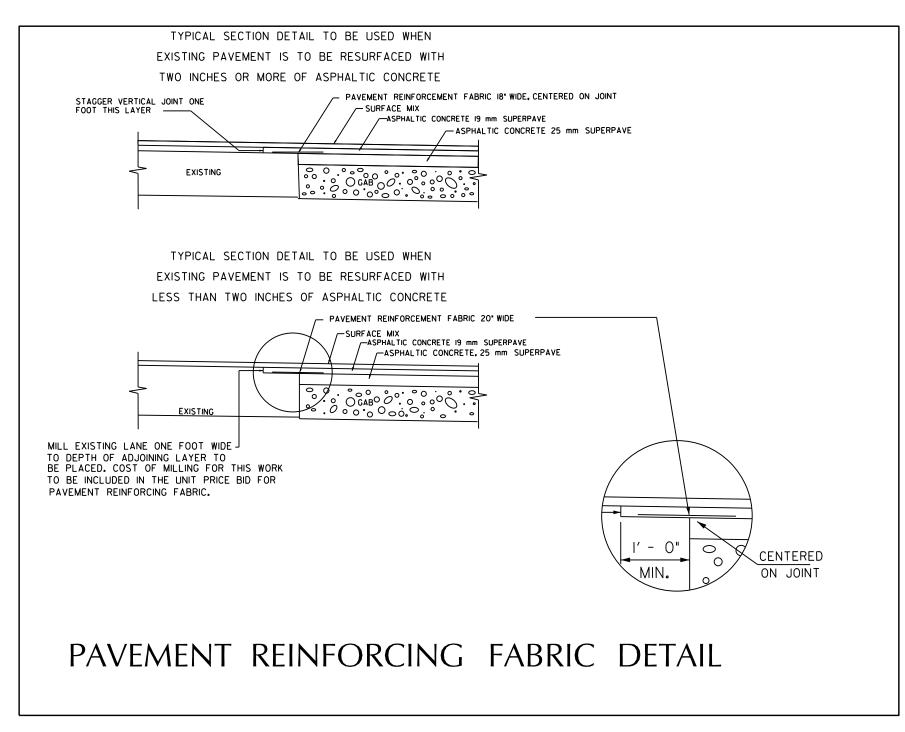
D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

50% OF TRANSITION INSIDE CURVE - MAXIMUM 33% OF TRANSITION INSIDE CURVE - DESIRABLE 20% OF TRANSITION INSIDE CURVE - MINIMUM

NOTE: CROWN WIPE-OUT SHALL BE AT THE SAME RATE AS THE SE TRANSITION.

E. SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN FEET) EQUAL TO THE SPEED DESIGN (IN MPH).





STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION REVISION DATES **GEORGIA** ROADWAY DESIGN OFFICE: TYPICAL SECTIONS **DEPARTMENT** NO SCALE SR 347 FROM LAKE LANIER TO **TRANSPORTATION** MCEVER ROAD