

### ALLOWABLE RANGES TABLE

FOR THIS PROJECT, CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT" EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS

A NORMAL CROWN	
SECTION WITH GRADES 0.5% OR GREATER	SECTION WITH GRADES LESS THAN 0.5%
0.0150 FT/FT - MINIMUM	0.0156 FT/FT - MINIMUM
0.0208 FT/FT - DESIRABLE	0.0208 FT/FT - DESIRABLE
0.0250 FT/FT - MAXIMUM	0.0300 FT/FT - MAXIMUM

**B SUPERELEVATION RATE**  
 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 CHANGE	CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT
MINIMUM	1:150	0.67%
DESIRABLE	1:200	0.50%
MAXIMUM	1:300	0.33%

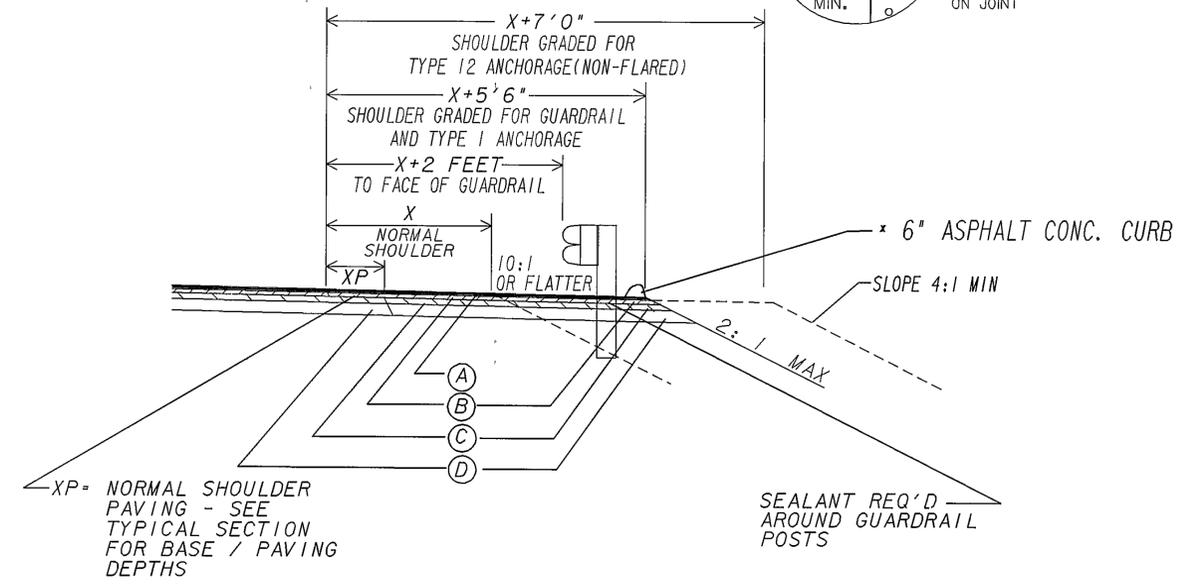
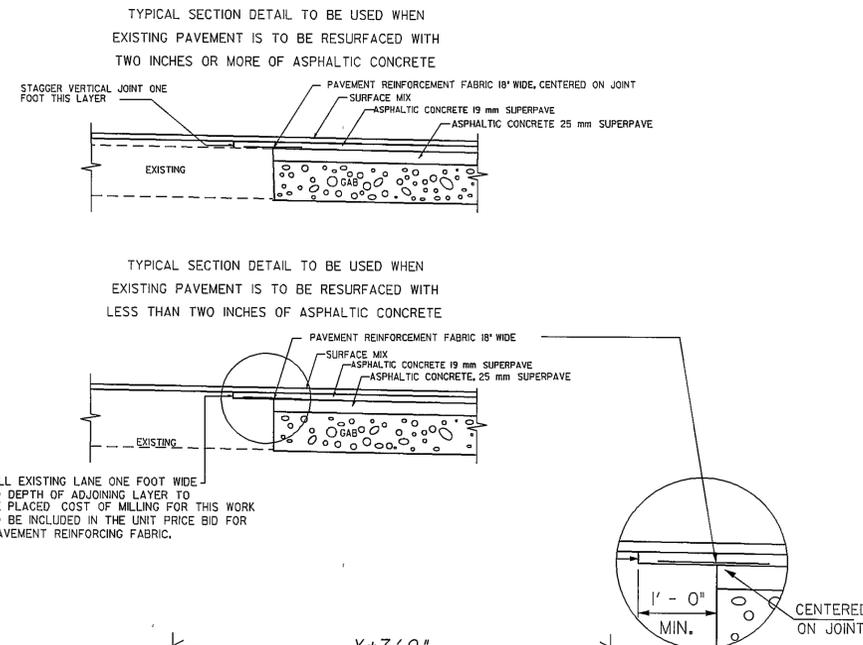
LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES

**D POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES**

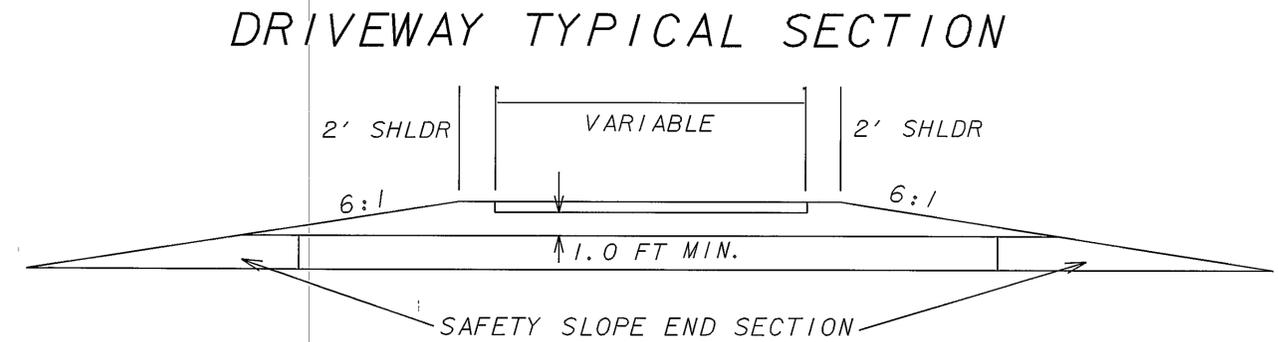
50% OF TRANSITION INSIDE CURVE - MAXIMUM  
 33% OF TRANSITION INSIDE CURVE - DESIRABLE  
 20% OF TRANSITION INSIDE CURVE - MINIMUM

**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)



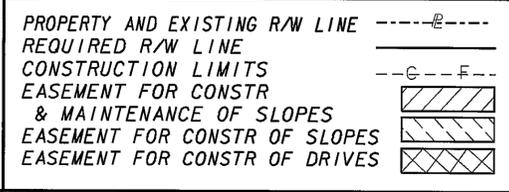
- (A) ASPHALTIC CONCRETE 9.5 MM SUPERPAVE, 135 LBS./SQ. YD, TYPE II
- (B) ASPHALTIC CONCRETE 19 MM SUPERPAVE, 220 LBS./SQ. YD.
- (C) ASPHALTIC CONCRETE 25 MM SUPERPAVE, 770 LBS./SQ. YD.
- (D) GRADED AGGREGATE BASE, 10 IN.



**RESIDENTIAL DRIVEWAYS**  
 ASPHALT DRIVES WILL BE PAVED WITH THE FOLLOWING:  
 135 lbs/yd<sup>2</sup> RECYC. ASPH. CONC. 9.5 mm SUPERPAVE, TYPE II  
 220 lbs/yd<sup>2</sup> RECYC. ASPH. CONC. 19 mm SUPERPAVE

**COMMERCIAL DRIVEWAYS**  
 ASPHALT DRIVES WILL BE PAVED WITH THE FOLLOWING:  
 135 lbs/yd<sup>2</sup> RECYC. ASPH. CONC. 9.5 mm SUPERPAVE, TYPE II  
 220 lbs/yd<sup>2</sup> RECYC. ASPH. CONC. 19 mm SUPERPAVE  
 4" GRADED AGGREGATE BASE

**CONCRETE DRIVEWAYS**  
 COMMERCIAL DRIVES - 8" CONCRETE  
 RESIDENTIAL DRIVES - 6" CONCRETE



BEGIN LIMIT OF ACCESS.....BLA

END LIMIT OF ACCESS.....ELA

LIMIT OF ACCESS -----

REQ'D R/W & LIMIT OF ACCESS [Hatched Box]

**GEORGIA**  
 DEPARTMENT  
 OF  
 TRANSPORTATION

REVISION DATES	

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: DISTRICT 2 DESIGN - TENNILLE  
**TYPICAL SECTIONS**

DRAWING No  
**05-002**