

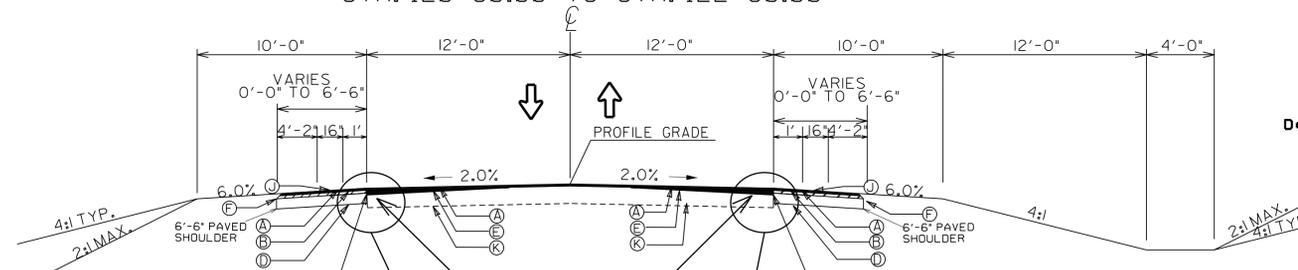
*** STANDARD CROSS - SLOPE MAY BE VARIED - AS DIRECTED BY THE ENGINEER - TO BEST FIT THE EXISTING ROADWAY AS PER SECTION 149 OF THE STANDARD SPECIFICATIONS. SEE 'ALLOWABLE RANGES TABLE' BELOW.

TYPICAL SECTION NO.1

SR 232

OVERLAY SECTION

THIS SECTION APPLIES FOR THE FOLLOWING STATIONS:
 STA. 100+00.00 TO STA. 101+50.00
 STA. 120+50.00 TO STA. 122+50.00



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 0.5% OR LESS
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 S.E. RATE EXISTING IN FIELD (WHICHEVER IS GREATER)

C: SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT TO FULL S.E.)

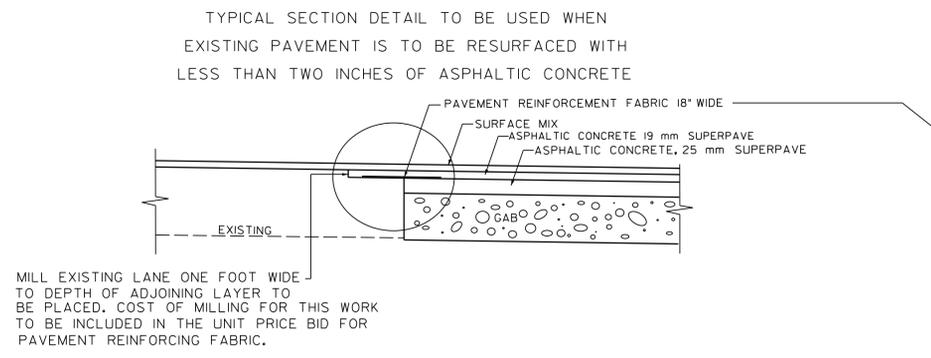
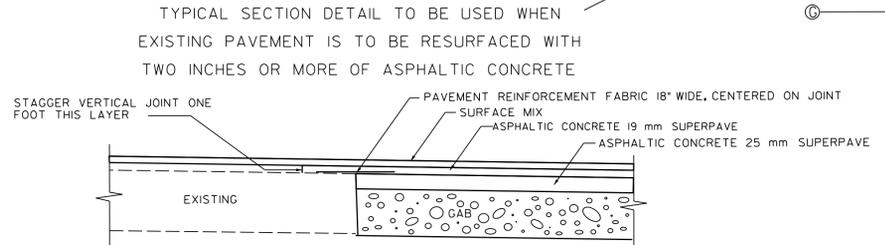
RATE OF CHANGE	CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT
MINIMUM 1:150	0.6%
DESIRABLE 1:200	0.50%
MAXIMUM 1:300	0.33%

LENGTH SHALL BE SET TO AVOID CREATING A FLAT OUTER 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 S.E. TRANSITION. SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN METERS) EQUAL TO THE SPEED DESIGN (IN KPH).



SLOPE CONTROLS		
SLOPE	CUTS	FILLS
4:1	0 - 6'	0 - 10'
2:1	OVER 6'	OVER 10'

- (A) 165 LBS/SQ. YD. REC. ASPH. CONC. 12.5 MM SUPERPAVE, GP 2 ONLY, INCL. BITUM. MATERIAL & H. LIME
- (B) 220 LBS/SQ. YD. REC. ASPH. CONC. 19 MM SUPERPAVE, GP 1 OR 2, INCL. BITUM. MATERIAL & H. LIME
- (C) 660 LBS/SQ. YD. REC. ASPH. CONC. 25 MM SUPERPAVE, GP 1 OR 2, INCL. BITUM. MATERIAL & H. LIME
- (D) 12" GRADED AGGREGATE BASE
- (E) RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME
- (F) SAFETY EDGE, GDOT CONSTRUCTION DETAIL P-7
- (G) PVMT REINF FABRIC STRIPS, TP2, 18 IN WIDE
- (H) 330 LBS/SQ. YD. REC. ASPH. CONC. 25 MM SUPERPAVE, GP 1 OR 2, INCL. BITUM. MATERIAL & H. LIME
- (I) 6" GRADED AGGREGATE BASE
- (J) RUMBLE STRIPS
- (K) MILL ASPH CONC PVMT, VARIABLE DEPTH

GEORGIA
 DEPARTMENT
 OF
 TRANSPORTATION

REVISION DATES

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

CSBRG-0007-00(167)
 COLUMBIA COUNTY

DRAWING No.
05-001

NOT TO SCALE