*** 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.

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	0.67%
DESIRABLE	1:200	0.50%
MAXIMUM	1:300	0.33%

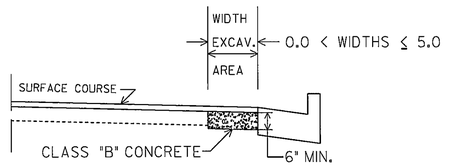
*LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS - SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

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 S.E. 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).

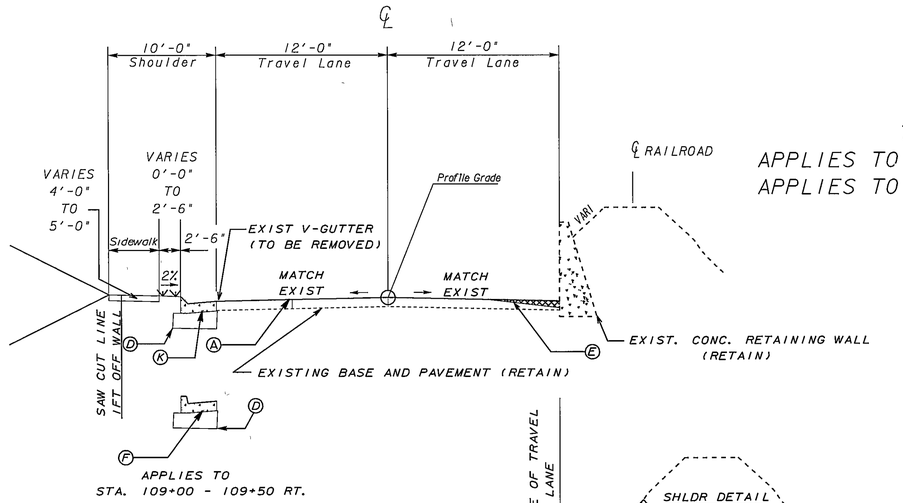


NO SCALE
CLASS "B" CONCRETE BASE OR PAVEMENT WIDENING
Item Code 500-9999 - Cu. Yds.

In excavated areas between the existing paving and new curb and gutter that are 5'-0" or less in width, Class "B" concrete shall be placed in lieu of the base and paving specified by the typical section. Payment will be made under "Class B Concrete Base and Pavement Widening".

In excavated areas greater than 5'-0" in width, the Contractor shall place base and paving as specified on the typical section.

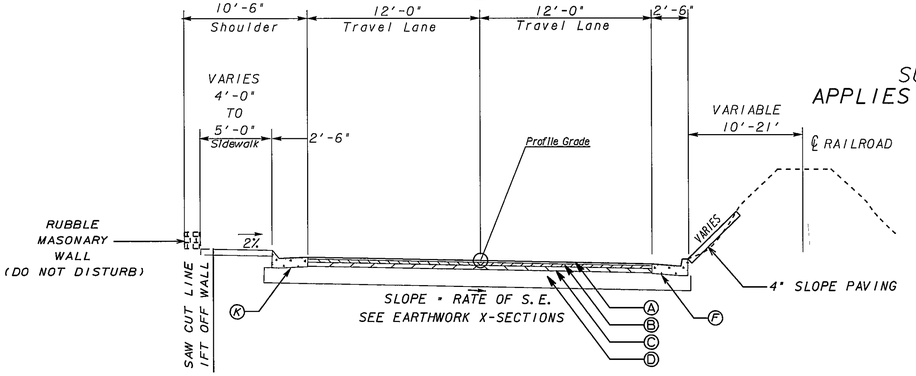
See plans for details of curb and gutter construction.



APPLIES TO STA. 109+00 - 109+50 RT.

* SEE ALLOWABLE RANGES TABLE

TANGENT SECTION TS-01 S.R. 83
APPLIES TO STA. 102+33 TO STA. 102+53 S.R. 83
APPLIES TO STA. 109+00 TO STA. 109+50 S.R. 83



SUPER ELEVATED SECTION TS-02 S.R. 83
APPLIES TO STA. 103+00.93 - STA. 107+92.50 S.R. 83

SEE PLAN SHEET FOR SIDEWALK LOCATION

REQUIRED PAVEMENT
- (A) ASPHALTIC CONCRETE. 12.5mm SUPERPAVE. TYPE 2. 165 LBS./S.Y.
- (B) ASPHALTIC CONCRETE. 19mm SUPERPAVE. 220 LBS./S.Y.
- (C) ASPHALTIC CONCRETE BASE. 25mm SUPERPAVE. 770 LBS./S.Y.
- (D) 12" GRADED AGGREGATE BASE
- (E) LEVELING AS REQUIRED
- (F) 8" X 30" CONCRETE CURB & GUTTER. TYPE 2. STD 9032-B
- (G) CONCRETE RETAINING WALL. STD. 9031I
- (H) CONCRETE SIDEWALK. 4". GDOT DETAIL A-3
- (J) 4" CONCRETE SLOPE PAVING
- (K) 8" X 30" CONCRETE GUTTER WITH RAISED EDGE

SLOPE CONTROLS		
SLOPE	CUT	FILL
4:1	0-10'	0-10'
2:1	OVER 10'	OVER 10'

GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

REVISION DATES

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

TYPICAL SECTIONS

DRAWING No. 5-01