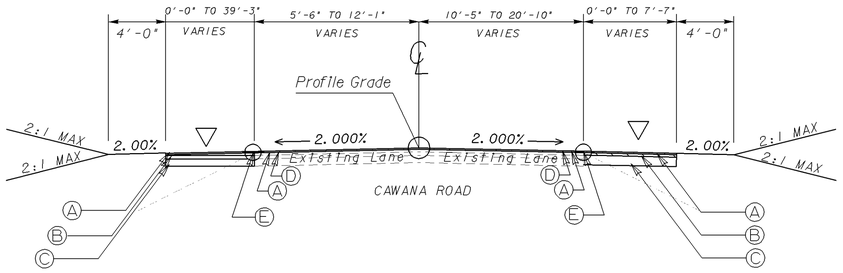
REQUIRED PAVEMENT

Ⓐ 135 LBS. PER SY/YD RECY ASPH CONC 9.5 MM SP, GP 1 OR 2, INCL BITUM MATL & H LIME
Ⓑ 220 LBS. PER SY/YD ASPH CONC 19 MM SP, GP 1 OR 2, INCL BITUM MATL & H LIME
Ⓒ GRADED AGGREGATE BASE - 8 IN
Ⓓ RECYCLED ASPH CONC LEVELING INCL. BITUM. MAT'L & H LIME
Ⓔ PAVEMENT REINFORCEMENT FABRIC - 18 INCHES

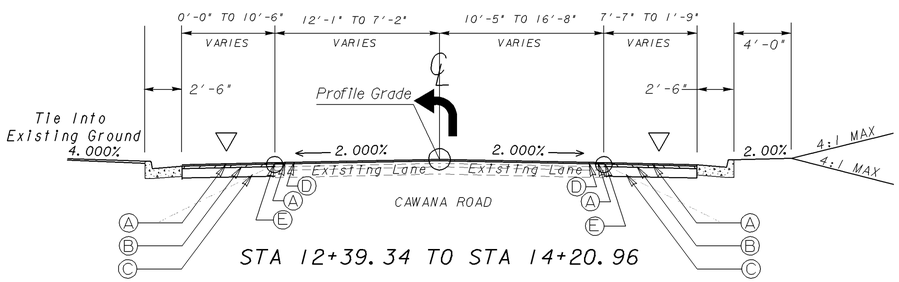
Typical No. 1



STA 10+00.00 TO STA 11+50.00
STA 11+50.00 TO STA 12+39.34
(SEE SHOULDER DETAIL "A" - RIGHT ONLY)
STA 14+20.96 TO STA 14+59.58
(SEE SHOULDER DETAIL 'A' - RIGHT ONLY)
(SEE SHOULDER DETAIL "B" - LEFT ONLY)
STA 14+59.58 TO STA 14+65.58
(SEE SHOULDER DETAIL "A" - RIGHT ONLY)
(TIE INTO S.R. 26 / U.S. 80 - LEFT ONLY)
STA 14+65.58 TO STA 14+92.20
(SEE SHOULDER DETAIL "B" - RIGHT ONLY)
(TIE INTO S.R. 26 / U.S. 80 - LEFT ONLY)

SEE ROADWAY PLANS & CROSS SECTIONS FOR VARYING WIDTHS

Typical No. 2



STA 12+39.34 TO STA 14+20.96

▽ PAY LIMITS FOR GRADED AGGREGATE BASE

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%

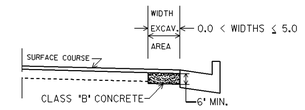
LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

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).



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".

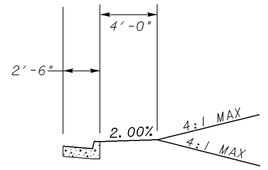
In excavated areas greater than 5'-0" in width, the Contractor shall place base and paving as specified on the typical section.

See plans for details of curb and gutter construction.

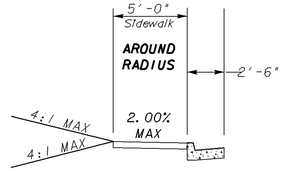
CLASS "B" CONCRETE BASE OR WIDENING DETAIL

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

SHOULDER DETAIL "A"



SHOULDER DETAIL "B"



GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

SCALE IN FEET
0 5 10 20

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 5 ROAD DESIGN

TYPICAL SECTIONS

CR 340/ CAWANA ROAD
@ U.S. 80/ S.R. 26

DRAWING No. 05-001