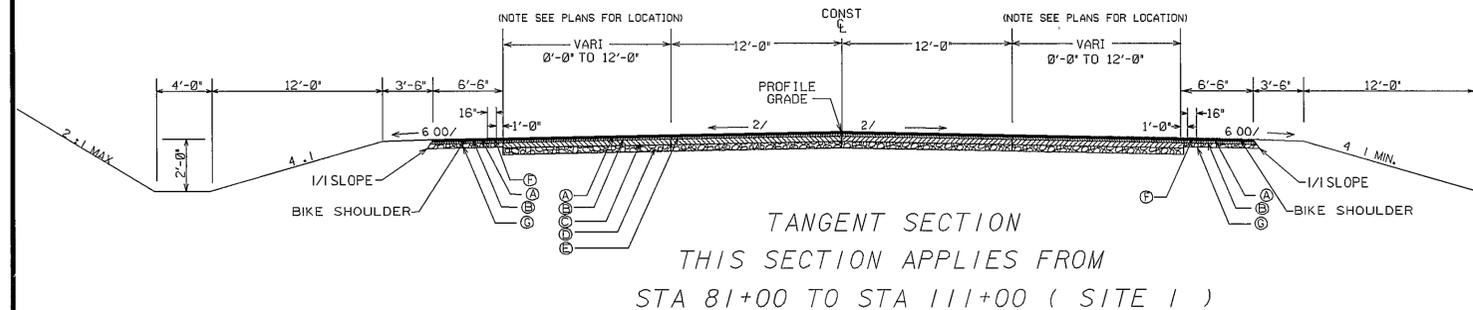


STATE ROUTE 24 TYPICAL SECTION NO. 2



TANGENT SECTION
THIS SECTION APPLIES FROM
STA 81+00 TO STA 111+00 (SITE 1)

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

*** STANDARD CROSS - SLOPE MAY BE VARIED - AS DIRECTED BY THE ENGINEER - TO BEST FIT THE EXISTING ROADWAY AS PER SECTION 149 OF THE 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
0.0200 FT/FT - DESIRABLE	0.0200 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%

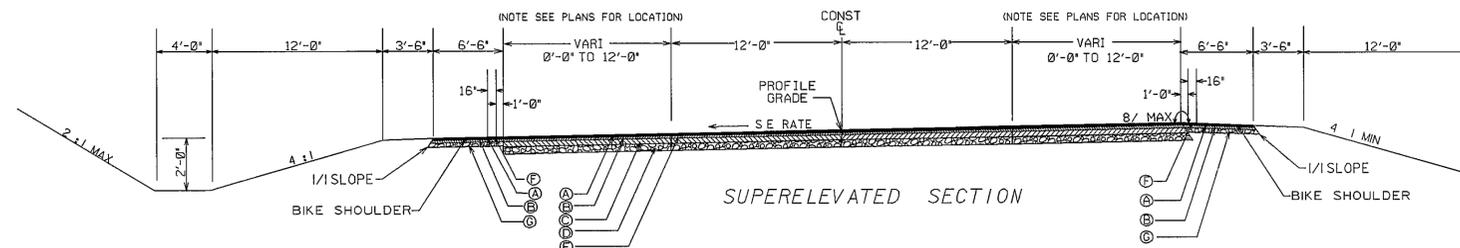
*LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS - SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

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).

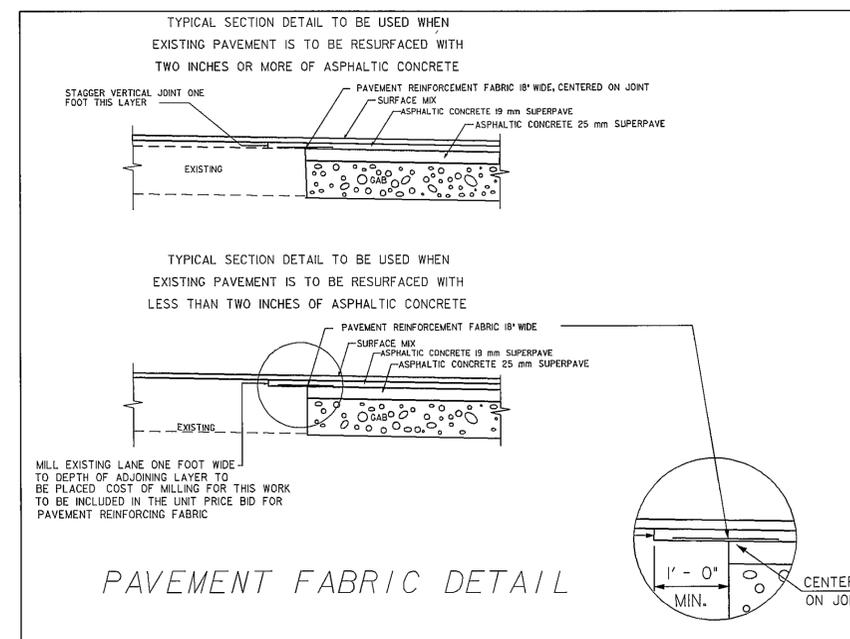
TYPICAL SECTION NO. S-2



SEE PLAN SHEETS FOR S.E. LOCATIONS.

REQUIRED PAVEMENT

- (A) 135 LBS/YD² RECYCLED ASPH. CONC. 9.5 mm SUPERPAVE, TYPE 11
- (B) 220 LBS/YD² RECYCLED ASPH. CONC. 19 mm SUPERPAVE
- (C) 330 LBS/YD² RECYCLED ASPH. CONC. 25 mm SUPERPAVE
- (D) 10" GRADED AGGREGATE BASE
- (E) ASPHALT CONC. LEVELING AS REQD
- (F) 16" RUMBLE STRIPS
- (G) 6" GRADED AGGREGATE BASE
- (H) AGGREGATE SURFACE COURSE NOT BLENDED IN, 2 IN
- (J) RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME (AS REQUIRED)



PAVEMENT FABRIC DETAIL

DRAWING NO.

05-002

NOT TO SCALE

DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
PROJECT STP00-00MS-00(001)
JEFFERSON COUNTY