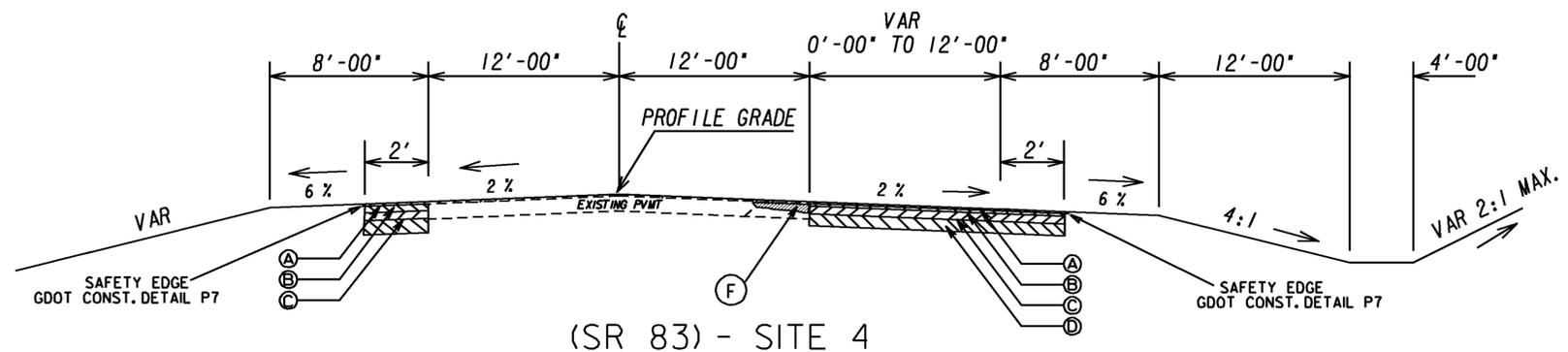


TYPICAL SECTION NO. 3



(SR 83) - SITE 4

(NORTHBOUND PASSING LANE)
THIS SECTION APPLIES FOR STATIONS: (SITE NO. 4)
607+00 TO 673+00

REQUIRED PAVEMENT:

- (A) 135 LBS/SQ. YD. RECYCLED ASPHALTIC CONC. 9.5 mm SUPERPAVE, TYPE II, BLEND 1, INCL BITUM MATL & H LIME
- (B) 220 LBS/SQ. YD. RECYCLED ASPHALTIC CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (C) 440 LBS/SQ. YD. RECYCLED ASPHALTIC CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (D) GRADED AGGREGATE BASE, 12"
- (E) GRADED AGGREGATE BASE, 6"
- (F) ASPHALTIC CONCRETE LEVELING, AS REQ'D.

*** 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

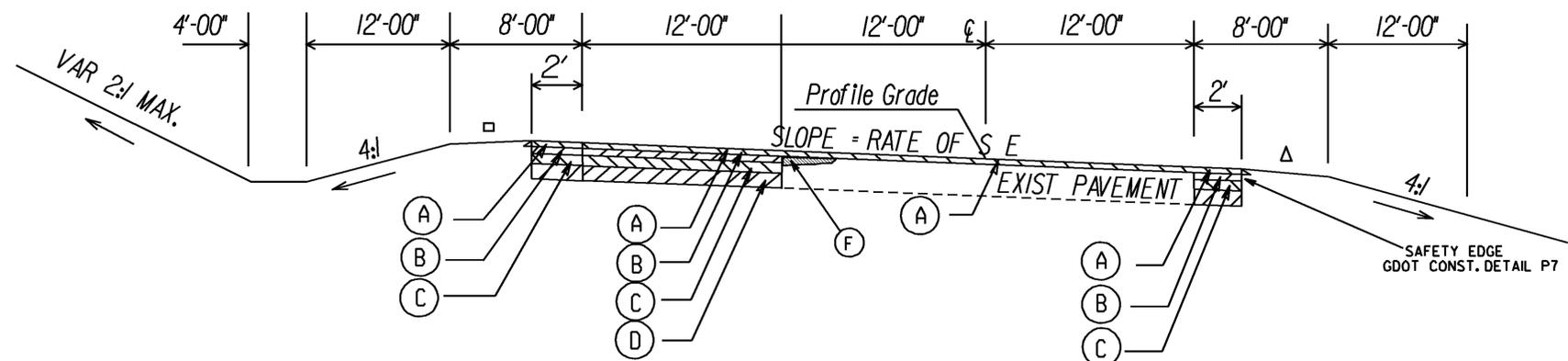
- 50% OF TRANSITION INSIDE CURVE - MAXIMUM
- 33% OF TRANSITION INSIDE CURVE - DESIRABLE
- 20% OF TRANSITION INSIDE CURVE - MINIMUM

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).

TYPICAL SECTION NO. 4



(SR 83) - SITE 4

TYPICAL SECTION APPLIES FOR SUPERELEVATION
SUPER ELEVATION TYPICAL FOR SITE NO.4
SEE PLAN SHEETS FOR SUPERELEVATION INFORMATION

NOT TO SCALE

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TENNILLE

TYPICAL SECTIONS
SR 83

DRAWING No.
05-002