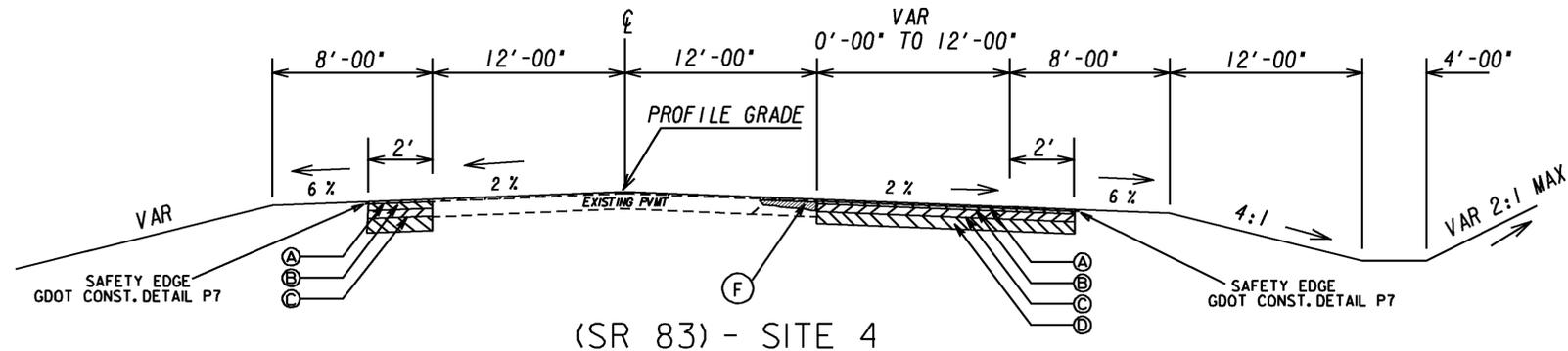


# TYPICAL SECTION NO. 3



(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**

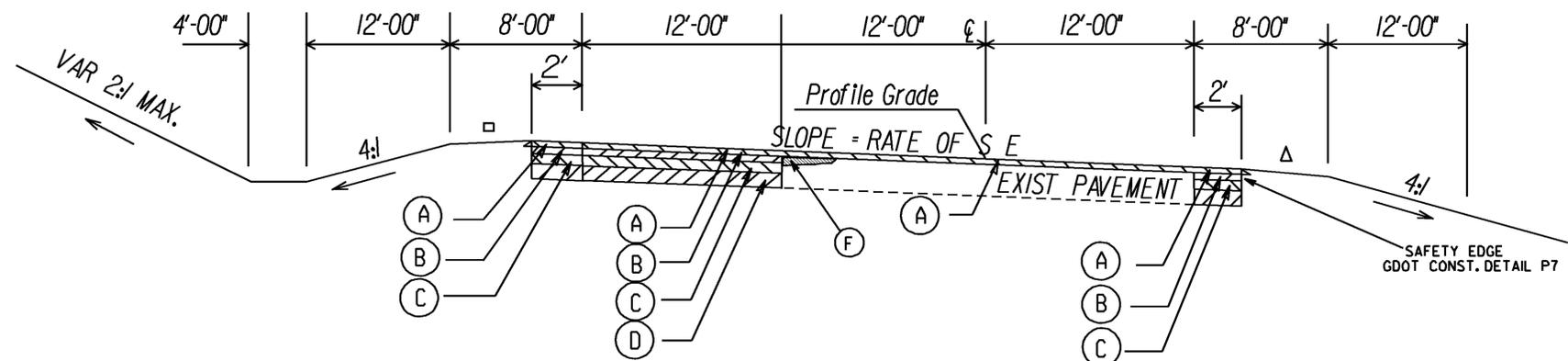
- 50% OF TRANSITION INSIDE CURVE - MAXIMUM
- 33% OF TRANSITION INSIDE CURVE - DESIRABLE
- 20% OF TRANSITION INSIDE CURVE - MINIMUM

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