

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.

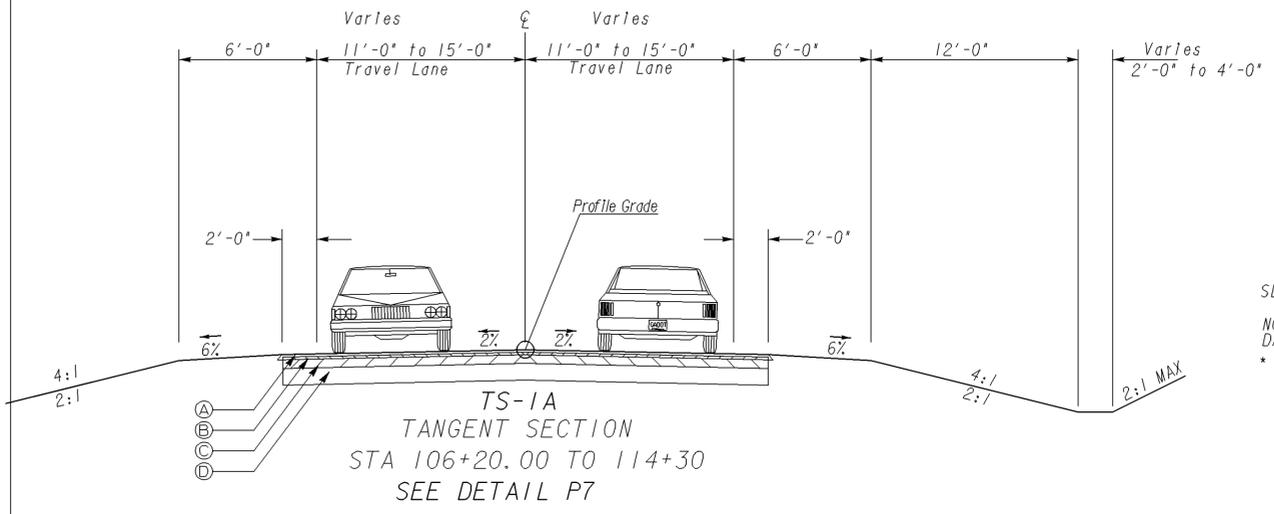
D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

- 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).

NOTE: AT APPROACH SLAB 9.5 mm SUPERPAVE IS 1.25 INCHES THICK AND 19 mm SUPERPAVE IS 2.25 INCHES THICK FOR COMBINED THICKNESS OF 3.5 INCHES AS SHOWN ON GA STD 9017 R

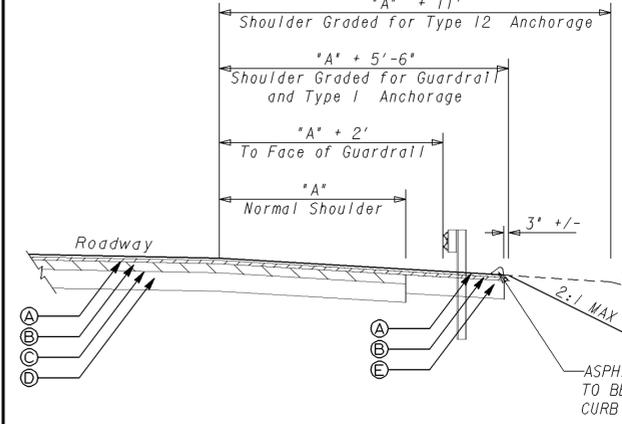


S. E. RATE	shoulder slope
2.0% OR 3.0%	4.0%
4.0% OR 5.0%	2.0%
6.0% OR 7.0%	1.0%
8.0% +	0.0%

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

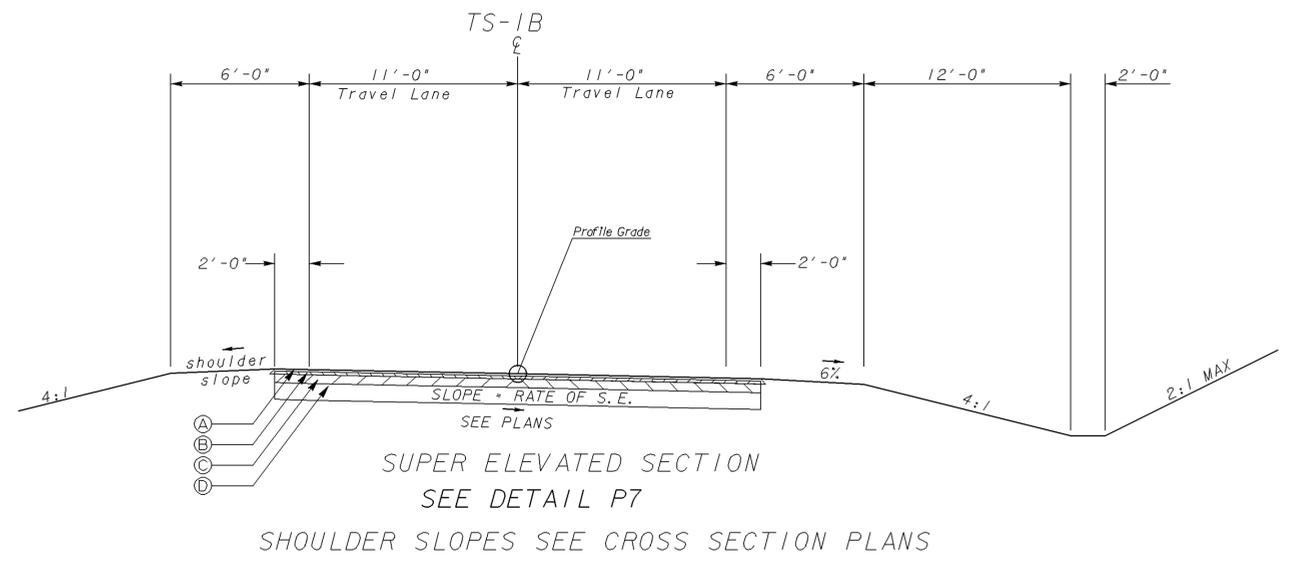
SLOPE : SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
NOTE: FOR METHOD OF SUPERELEVATION SEE CONSTR PLAN & PROFILE SHEETS-CURVE DATA. LOCATIONS OF NORMAL CROWN & FULL S. E. NOTED ON CONSTR CENTERLINE. * SEE PLAN SHEETS.

GUARDRAIL DETAIL (SEE PLANS FOR LOCATIONS)



NOTE: ALL HOLES CREATED FROM THE PLACEMENT OF GUARDRAIL POSTS ARE TO BE SEALED, AND THE COST FOR THIS WORK SHALL BE INCORPORATED IN THE COST OF THE GUARDRAIL.

ASPHALTIC CONCRETE CURB (5") TO BE USED AS DIRECTED BY ENGINEER. CURB SHALL NOT BE PLACED BEHIND ANCHORS.



- (A) RECYCLED ASPH CONC. 9.5 mm SUPERPAVE, TYPE 1, GP 1 OR 2, INCL BITUM MATL & H LIME (135 LBS./SQ. YD.)
- (B) RECYCLED ASPH CONC. 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS./SQ. YD.)
- (C) RECYCLED ASPH CONC. 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (550 LBS./SQ. YD.)
- (D) GR AGGR BASE CRS, INCL MATL (8")
- (E) GR AGGR BASE CRS, INCL MATL (6")

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

NOT TO SCALE

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

TYPICAL SECTIONS

SR 230 AT TURKEY CREEK

DRAWING No.
5-001