

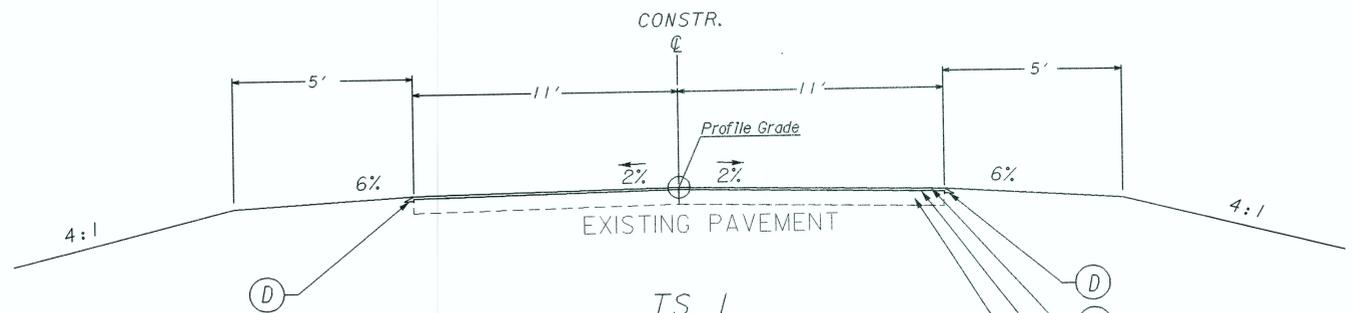
TYPICAL SHOULDER DETAIL FOR GUARDRAIL
 SEE PLAN FOR LOCATION
 SEE GA STD 4388 FOR DETAILS

SLOPE CONTROLS - FEET		
SLOPE	CUT	FILL
4:1	0-5.0'	0-12.0'
3:1	--	--
2:1	> 5.0'	> 12.0'

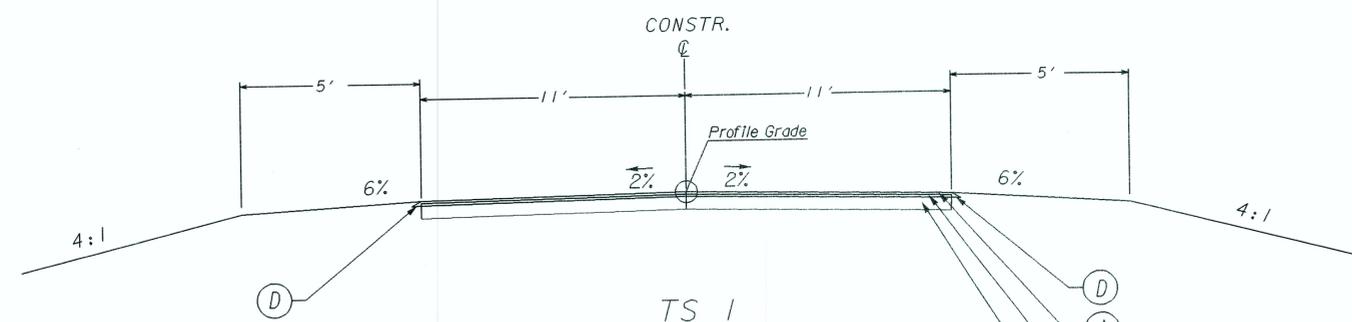
NOTE:
 CUT SLOPES MAY BE A MAXIMUM OF 2:1 TO REMAIN WITHIN THE RIGHT OF WAY LIMITS. FILL SLOPES STEEPER THAN 4:1 WILL REQUIRE GUARDRAIL.

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%
1.50% - MINIMUM	1.50% - MINIMUM
2.00% - DESIRABLE	2.00% - DESIRABLE
2.50% - MAXIMUM	3.00% - 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) / 5.	

TYPICAL SECTION



TS 1
 OVERLAY
 STA 20+00.00 TO 20+50.00
 STA 26+00.00 TO 26+50.00



TS 1
 FULLDEPTH
 STA 20+50.00 TO 22+36.00
 STA 23+56.00 TO 26+00.00

- (A) 125 LBS/SQ YD RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE 1, GP 1 OR BLEND 1, INCL BITUM MATL & H LIME
- (B) 220 LBS/SQ YD RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (C) GR AGGR BASE CRS, 8 INCH, INCL MATL
- (D) REFER TO DETAIL P-7 PAVEMENT EDGE TREATMENT ASPHALT AND CONCRETE PAVEMENT

GEORGIA
 DEPARTMENT
 OF
 TRANSPORTATION

REVISION DATES	
3-25-14	

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: TIFTON OFFICE/DISTRICT 4
TYPICAL SECTIONS
 CR 252/FRANK RD

DRAWING No.
5-001

USE ON CONSTRUCTION