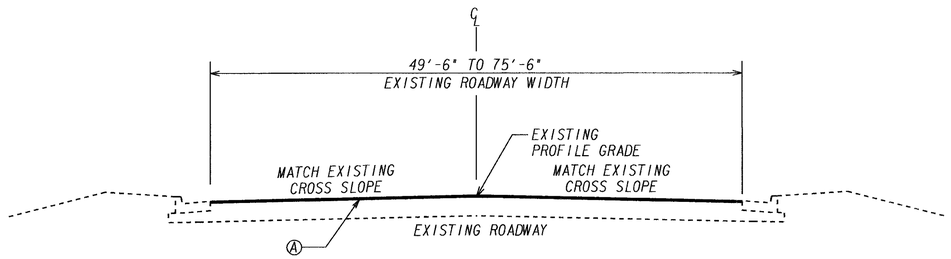
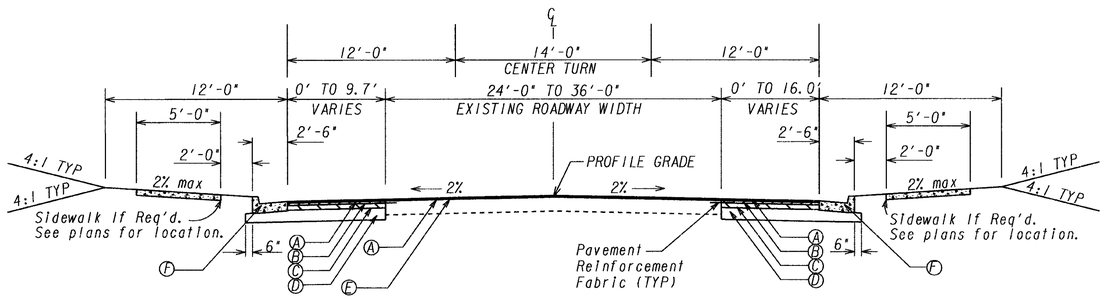
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-2928(11)	10	324

REVISION DATES



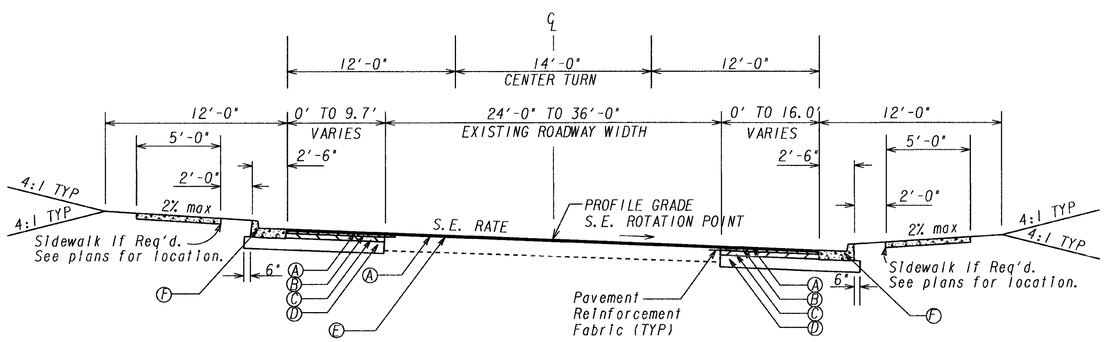
TYPICAL SECTION #1 MILLING AND INLAY PROPOSED SR 14/US 29

STA. 57+34.80 TO STA. 57+84.80
STA. 102+50.00 TO STA. 103+00.00



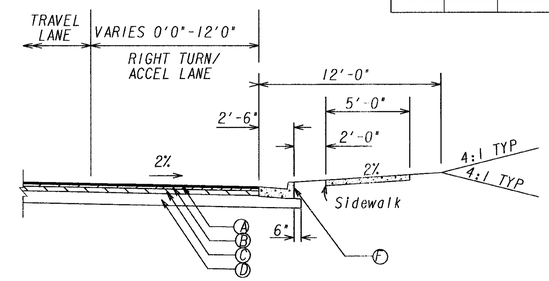
TYPICAL SECTION #2A OVERLAY AND WIDENING TANGENT SECTION PROPOSED SR 14/US 29

STA. 58+66.00 TO STA. 64+87.28
STA. 76+54.01 TO STA. 77+37.68
STA. 84+36.92 TO STA. 86+61.09
STA. 95+52.52 TO STA. 98+34.42



TYPICAL SECTION #2B OVERLAY AND WIDENING SUPERELEVATED SECTION PROPOSED SR 14/US 29

STA. 57+84.80 TO STA. 58+66.00
STA. 64+87.28 TO STA. 76+54.01
STA. 77+37.68 TO STA. 84+36.92
STA. 86+61.09 TO STA. 95+52.52
STA. 98+34.42 TO STA. 102+50.00



RIGHT TURN LANE/ ACCELERATION LANE DETAIL CURB & GUTTER SECTION

SEE PLANS FOR LOCATIONS

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).

REQUIRED PAVEMENT

- (A) RECYCLED ASPH CONC 12.5mm SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LBS/SY).
- (B) RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS/SY).
- (C) RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (770 LBS/SY).
- (D) GR AGGR BASE CRS, 12", INCL MATL
- (E) RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & LIME
- (F) CONCRETE CURB AND GUTTER, 6 IN X 30 IN, TYPE 2

NOTE: ALL SLOPES WILL BE 4:1, INCLUDING SLOPES OVER 6', UNLESS OTHERWISE NOTED ON CROSS SECTIONS.

NOT TO SCALE

PARSONS
5390 TRIANGLE PARKWAY, SUITE 100
NORCROSS, GA 30092

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

GEORGIA DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
S.R.14–U.S.29 IN LAGRANGE

DRAWING No. 5-01

7/6/2007
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