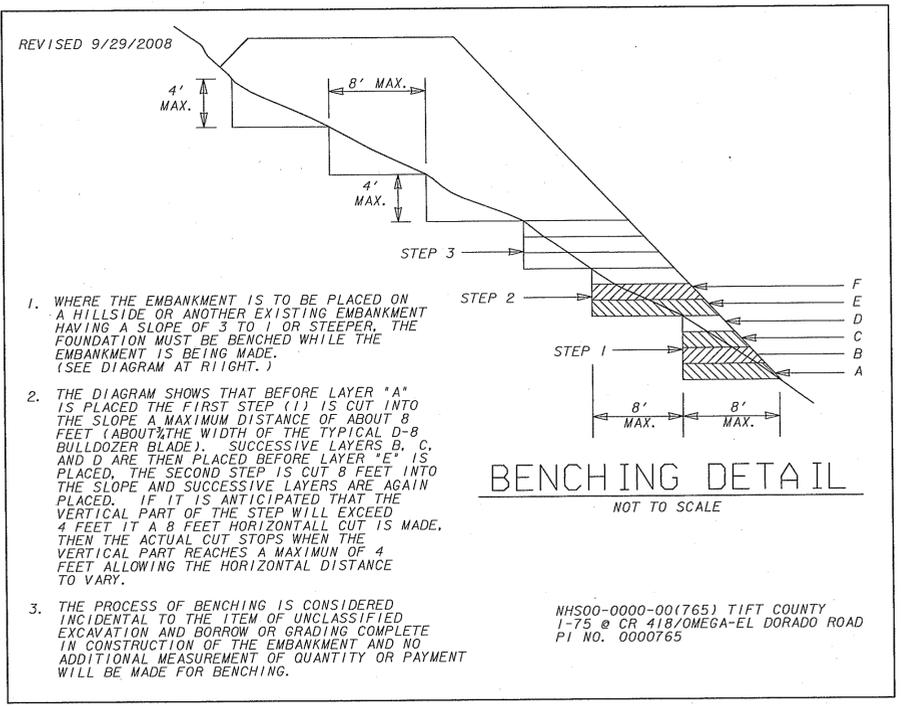
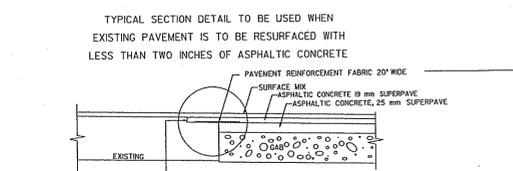
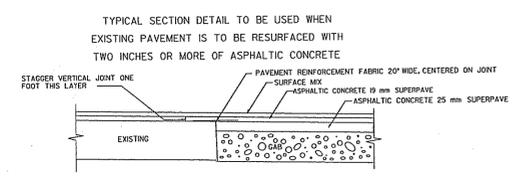


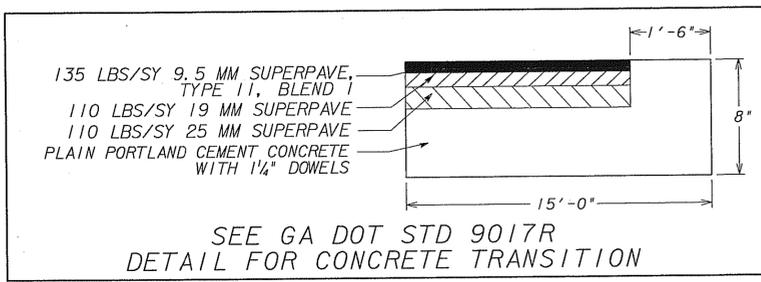
TYPICAL SHOULDER DETAIL FOR ASPHALT SHOULDER  
 (FOR GUARDRAIL REQUIRED ON SHOULDER)

TYPICAL SHOULDER DETAIL FOR GUARDRAIL  
 SEE PLAN FOR LOCATION

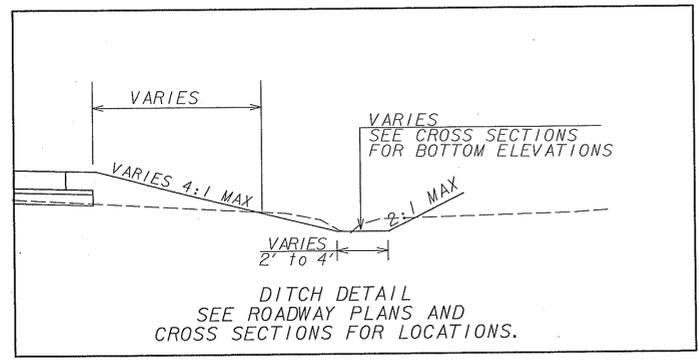


BENCHING DETAIL  
 NOT TO SCALE

NHS00-0000-00(765) TIFT COUNTY  
 1-75 @ CR 418/OMEGA-EL DORADO ROAD  
 PI NO. 0000765



SEE GA DOT STD 9017R  
 DETAIL FOR CONCRETE TRANSITION



DITCH DETAIL  
 SEE ROADWAY PLANS AND  
 CROSS SECTIONS 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%

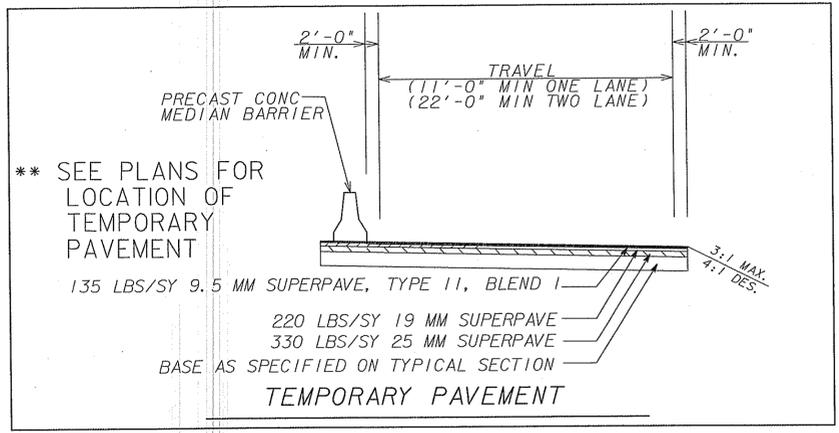
LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

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).



\*\* SEE PLANS FOR LOCATION OF TEMPORARY PAVEMENT

135 LBS/SY 9.5 MM SUPERPAVE, TYPE II, BLEND I  
 220 LBS/SY 19 MM SUPERPAVE  
 330 LBS/SY 25 MM SUPERPAVE  
 BASE AS SPECIFIED ON TYPICAL SECTION

PLANS PREPARED AND SUBMITTED BY:

**AEI**  
 AMERICAN ENGINEERS, INC.  
 DESIGN CONSULTANT

PROFESSIONAL ENGINEERING

NOT TO SCALE

REVISION DATES

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: PROGRAM DELIVERY

**TYPICAL SECTIONS**

NHS00-0000-00(765)  
 PI No. 0000765

DRAWING No.  
**5-05**