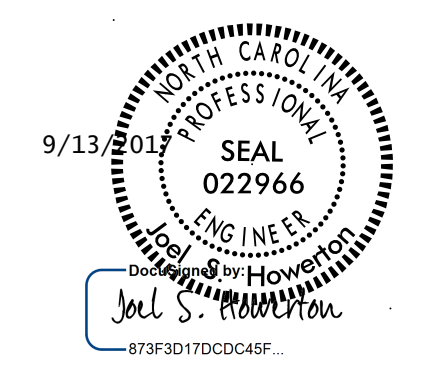


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STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ROADWAY DETAIL DRAWING FOR <b>GUARDRAIL PLACEMENT</b>	SHEET 8 OF 11 <b>862D01</b>
<p><b>NOTES:</b></p> <p>SHOP CURVED GUARDRAIL IS DEFINED AS HAVING A RADIUS OF 150' OR LESS.</p> <p>WHEN RADIUS IS LESS THAN 20' REFER TO SHEET 9.</p> <p>WHENEVER SHOP CURVED GUARDRAIL IS USED AS AN ANCHOR AND THE RADIUS IS FROM 20' TO 75', USE A MINIMUM LENGTH OF 50' OF SHOP CURVED GUARDRAIL AND FLARE WITH AN AT-1 ANCHOR UNIT. REFER TO DETAIL 1.</p> <p>WHENEVER SHOP CURVED GUARDRAIL RADIUS IS MORE THAN 75', REFER TO DETAIL 2.</p> <p>MAINTAIN CLEAR SIGHT DISTANCE.</p> <p>FOR POSTED SPEEDS ≥ 45mph USE GREU TYPE TL-3                  FOR POSTED SPEEDS &lt; 45mph USE GREU TYPE TL-2</p>		
<p><b>DETAIL - 1</b></p> <p>'R' IS GREATER THAN 75' (SEE NOTES)</p> <p><b>DETAIL - 2</b></p>		
<b>GUARDRAIL TREATMENT AT INTERSECTIONS</b>		

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ROADWAY DETAIL DRAWING FOR <b>GUARDRAIL PLACEMENT</b>	SHEET 7 OF 11 <b>862D01</b>
<p>* GUARDRAIL OPENING MAY BE SPACED AS CLOSE AS 350 FT. FROM STRUCTURE IF NECESSARY TO ALLOW MOWER ACCESS TO MEDIAN</p>		
<p><b>DETAIL AT OVERPASSES</b></p> <p>FOR POSTED SPEEDS ≥ 45mph USE GREU TYPE TL-3                  FOR POSTED SPEEDS &lt; 45mph USE GREU TYPE TL-2</p>		
<b>GUARDRAIL BREAK INTERVALS WITH 30' - 36' MEDIANS</b>		



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b> Office 919-707-6950 FAX 919-250-4119	
<b>SEE TITLE BLOCK</b>	
ORIGINAL BY: J. HOWERTON MODIFIED BY: CHECKED BY: FILE SPEC.:	DATE: 06-22-12 DATE: DATE: DATE: