Docusign Envelope ID: 8091AF9E-08D0-486B-A0B3-CEB6CBF72CB2 PROJECT REFERENCE NO. SHEET NO. HL-00081 2C-2 ROLINA ISPORTATION HIGHWAYS 1, N.C. SEE THE ROADWAY DESIGN MANUAL (PART I CHAPTER 4 SECTION 4.14) PLACE APPROVED BICYCLE FRIENDLY FOR OFFSET DISTANCES FROM FACE OF GUARDRAIL AND BACK OF RAILINGS, FENCE, OR RUB RAILS IF SIDEPATH/SHARED-USE PATH IS LOCATED LESS THAN GUARDRAIL TO SIDEWALK OR SIDEPATH/SHARED-USE PATH GUARDRAIL END\_ UNIT TERMINAL 4 FEET FROM THE POST — BERM BERM 6" OFFSET FROM THE FACE OF CURB CUTSLOPE STATE ( NORTH CAR DEPT, OF TRANS DIVISION OF P RALEIGH, ROADWAY ROADWAY **SECTION B-B SECTION A-A** GUARDRAIL END UNIT TYPE TL-3 or TL-2 (50:1 TAPER)\*\* 1'-6" OFFSET FROM FACE OF GUARDRAIL @ TERMINAL 2'-6" CURB AND GUTTER FOR \*\*FOR POSTED SPEEDS ≥ 45 MPH USE GREU TYPE TL-3 FOR POSTED SPEEDS < 45 MPH USE GREU TYPE TL-2 ROADWAY DRAWING BICYCLE FRIENDLY RAILINGS, FENCE OR RUB RAIL **GUARDRAIL 6" FROM THE FACE OF CURB** SHOULD NOT BE PLACED WITHIN THE LIMITS OF THE STRUCTURAL ANCHOR OR END UNITS GUARDRAIL END \*FOR POSTED SPEED ≥ 40 MPH SEE THE ROADWAY DESIGN MANUAL (PART I CHAPTER 4 SECTION 4.14) UNIT TERMINAL AT USE 13' MINIMUM OFFSET FOR OFFSET DISTANCES FROM FACE OF GUARDRAIL AND BACK OF GUARDRAIL TO SIDEWALK OR SIDEPATH/SHARED-USE PATH 8' MINIMUM\* \*\* FOR POSTED SPEEDS > 45 MPH USE GREU TYPE TL-3 FOR POSTED SPEEDS < 45 MPH USE GREU TYPE TL-2 RDRA BICYCLE FRIENDLY RAILINGS, FENCE OR RUB RAIL SHOULD NOT BE PLACED WITHIN THE LIMITS OF THE STRUCTURAL ANCHOR OR END UNITS ROADWAY ROADWAY **SECTION C-C** 9/8/2025 10' BERM MIN. DR GUARDRAIL END UNIT TYPE TL-3 or TL-2\*\* (NO 50:1 TAPER REQUIRED) SEAL 033144 \*8' MINIMUM 8' MINIMUM\* 2'-6" CURB AND GUTTER Nicola M Hackler ROADWAY SHEET 12 OF 15 **GUARDRAIL 8' OR GREATER OFFSET FROM FACE OF CURB** 862D01 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED CONTRACTS STANDARDS AND DEVELOPMENT UNIT FAX 919-250-4119 Office 919-707-6950 SEE TITLE BLOCK

ORIGINAL BY: S.CALHOUN DATE: 7-25-2024

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