Docusign Envelope ID: 46E0499F-9540-4987-A492-3F3F5F56A063 PROJECT REFERENCE NO SHEET NO. U-3422A 2C-7 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 DE 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** 10' BERM MIN. DR GUARDRAIL END UNIT TYPE TL-3 or TL-2** (NO 50:1 TAPER REQUIRED) *8' MINIMUM 8' MINIMUM* 2'-6" CURB AND GUTTER 9/23/2024 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 919-707-6950 FAX 919-250-4119 Office 919-707-6950 SEE TITLE BLOCK ORIGINAL BY: S.CALHOUN __ DATE: <u>7-25-2024</u> _ DATE: _ _ DATE: _ MODIFIED BY:

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