



NOTES:

- FOR REINFORCING STEEL IN BARRIER RAIL, SEE SHEET 3 OF 3.
- FOR ANCHOR ASSEMBLY PLACEMENT, SEE "GUARDRAIL ANCHORAGE FOR BARRIER RAIL" SHEET.
- CONCRETE MEDIAN BARRIER NOT SHOWN FOR CLARITY. FOR CONCRETE MEDIAN BARRIER, SEE "CONCRETE MEDIAN BARRIER" SHEET.
- #5 "S" BARS MAY BE SHIFTED AS NECESSARY TO CLEAR EXPANSION JOINTS IN RAIL.
- THE BARRIER RAIL SHALL NOT BE CAST UNTIL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
- GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE BARRIER RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN BARRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.

PLAN

PROJECT NO. B-4442
BUNCOMBE COUNTY
 STATION: 315+72.39 -L-
 SHEET 2 OF 3

AECOM
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8/17/2022

DocuSigned by:

 JOHN E. SLOAN
 PROFESSIONAL ENGINEER
 SEAL 035062
 NORTH CAROLINA

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE CONCRETE BARRIER RAIL					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-29
TOTAL SHEETS					58

DRAWN BY :	D.R. DRUM	DATE :	04/2022
CHECKED BY :	D.S. TUTTLE	DATE :	05/2022
DESIGN ENGINEER OF RECORD:	J.E. SLOAN	DATE :	05/2022

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED