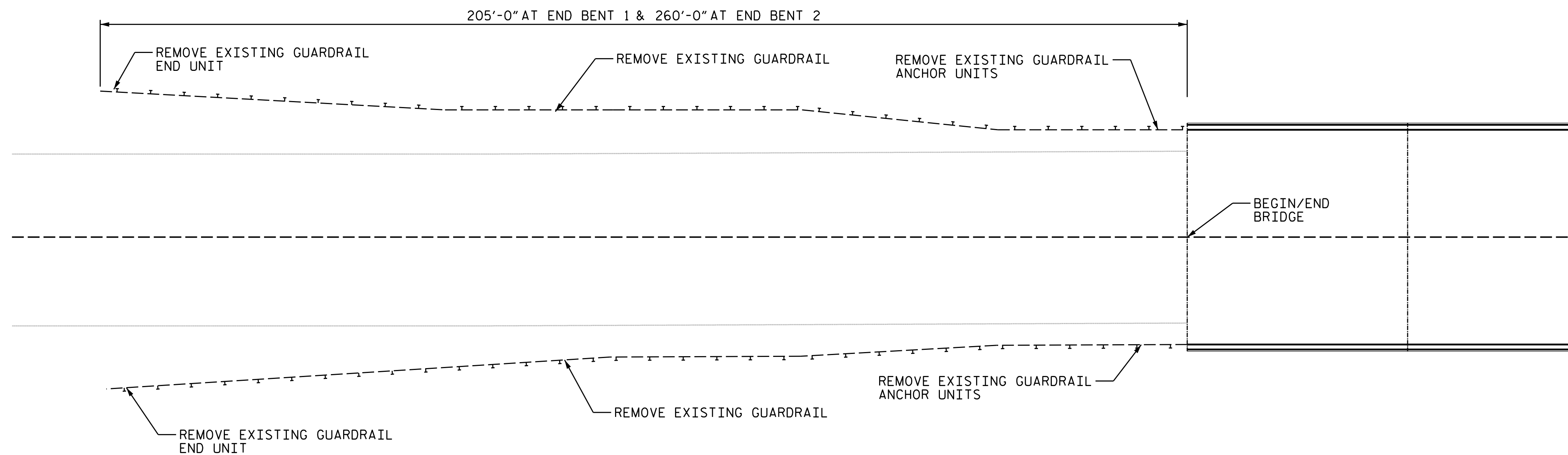


### AS-BUILT QUANTITY TABLE

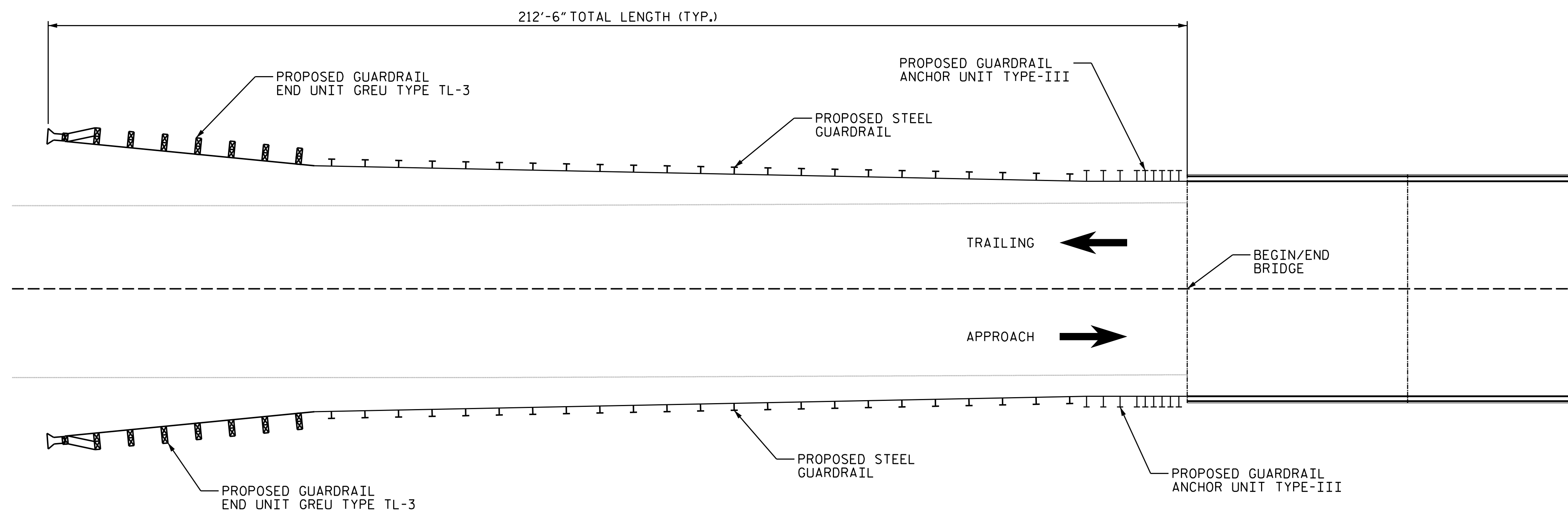
	ESTIMATE	ACTUAL
GUARDRAIL REMOVAL	930 LF	
PROPOSED STEEL BEAM GUARDRAIL	575 LF	
PROPOSED STEEL BEAM END UNITS GREU TYPE TL-3	4 EA	
PROPOSED GUARDRAIL ANCHOR UNIT TYPE-III	4 EA	

#### NOTES:

- FOR PROPOSED GUARDRAIL ANCHOR UNITS TYPE-III, SEE ROADWAY STANDARD DETAILS SHEET 2 OF 2.
- FOR PROPOSED GUARDRAIL END UNITS, SEE SECTION 862 OF THE STANDARD SPECIFICATION.
- FOR PROPOSED GUARDRAIL PLACEMENT AT BRIDGE END, SEE RSD 862.01 SHEET 4 OF 11.
- FOR GUARDRAIL INSTALLATION, SEE ROADWAY STANDARD DETAILS SHEET 1 OF 2.
- REMOVAL OF THE EXISTING GUARDRAIL ANCHOR UNITS AND GUARDRAIL END UNITS SHALL BE INCIDENTAL TO THE COST OF GUARDRAIL REMOVAL.
- PRIOR TO INSTALLATION OF THE PROPOSED GUARDRAIL ANCHOR UNITS, ALL PROPOSED BRIDGE RAILING SHALL BE INSTALLED. IF NECESSARY, REMOVE ANY EXISTING CONCRETE TRANSITION RAILING TO ENSURE PROPER GUARDRAIL ANCHOR UNIT INSTALLATION. PAYMENT FOR THE REMOVAL OF ANY CONCRETE TRANSITION RAILING SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE INSTALLATION OF THE PROPOSED GUARDRAIL ANCHOR UNITS.



#### EXISTING GUARDRAIL DETAILS



#### PROPOSED GUARDRAIL DETAILS

### GUARDRAIL PLAN

(BEGIN BRIDGE DETAILS SHOWN, DETAILS AT END BRIDGE SIMILAR)

PROJECT NO. 15BPR.25  
BRUNSWICK COUNTY  
 BRIDGE NO. 14



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

### APPROACH

### GUARDRAIL REPLACEMENT

**KCA** 4800 SIX FORKS ROAD SUITE 120  
 KISINGER CAMPO & ASSOCIATES RALEIGH, NC 27609  
 (919) 882-7839

DRAWN BY : JACOB H. DUKE DATE : 03-2018  
 CHECKED BY : AARON J. MCMILLAN DATE : 03-2018  
 DESIGN ENGINEER OF RECORD : SAMUEL L. CULLUM DATE : 03-2018

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-24
2			4			TOTAL SHEETS 111