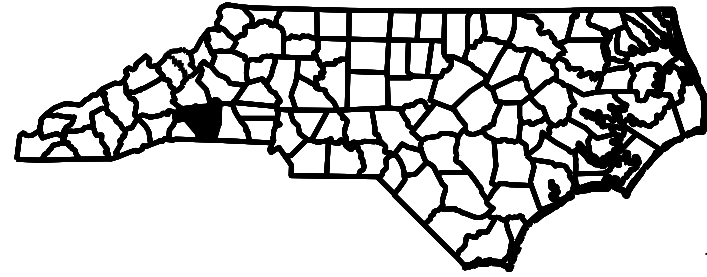


TIP PROJECT: HS-2013G

CONTRACT: DM00383

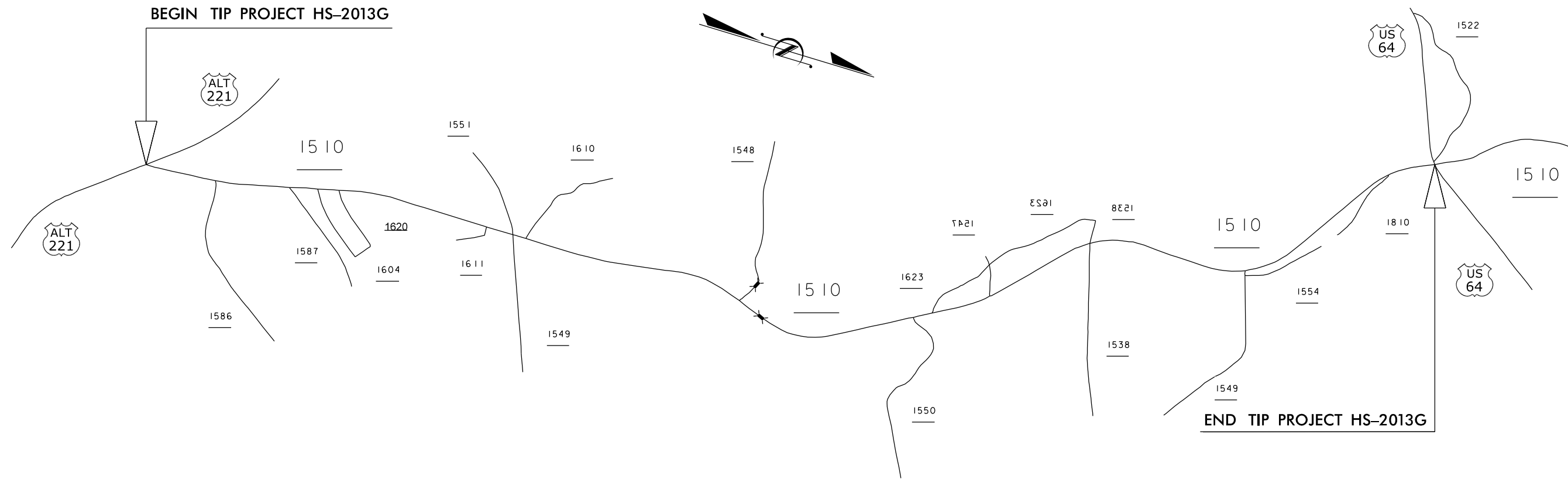


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**RUTHERFORD COUNTY**

LOCATION: SR 1510 (HUDLOW RD) FROM US 221 ALT TO US 64  
TOTAL LENGTH = 5.40 MILES  
TYPE OF WORK: GUARDRAIL INSTALLATION AND REPLACEMENT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2013G	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49333.1.8	1510006	PE	
49333.3.8	1510006	CONST.	



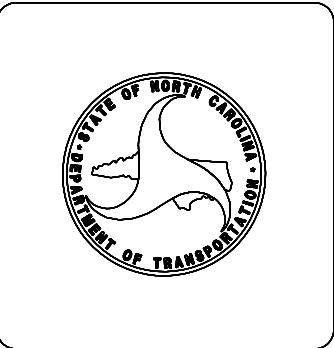
**PROJECT LENGTH**  
LENGTH OF ROADWAY TIP PROJECT = 5.40 MILES

Prepared In the Office of:  
**NCDOT DIVISION 13**  
55 Orange St., Asheville NC, 28801

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:** \_\_\_\_\_  
PROJECT ENGINEER

**LETTING DATE:**  
NOVEMBER 2, 2022  
PROJECT DESIGN ENGINEER



PROJECT NO.	SHEET NO.	TOTAL NO.
49333.3.8	2	2

### GUARDRAIL ITEM SUMMARY

LOCATION NO	ROUTE	DESCRIPTION	SHOULDER LT/RT	3030000000-E	3045000000-E	3195000000-N	3287000000-N	3360000000-E	NOTES
				STEEL BEAM GUARDRAIL LF	STEEL BM GUARDRAIL, SHOP CURVED LF	GUARDRAIL END UNITS, TYPE AT-1 EA	GUARDRAIL END UNITS, TYPE TL-3 EA	REMOVE EXISTING GUARDRAIL LF	
1	SR 1510 HUDLOW RD	APPROXIMATELY 0.34 MILES FROM US 221A	RT	175.0			2		
2	SR 1510 HUDLOW RD	APPROXIMATELY 0.96 MILES FROM US 221A	RT	87.5	12.5	1	1		
3	SR 1510 HUDLOW RD	APPROXIMATELY 0.96 MILES FROM US 221A	LT	587.5	12.5	1	1		
4	SR 1510 HUDLOW RD	APPROXIMATELY 1.0 MILES FROM US 221A	LT	175.0	37.5	2			
5	SR 1510 HUDLOW RD	APPROXIMATELY 1.04 MILES FROM US 221A	RT	225.0	25.0	1	1		
6	SR 1510 HUDLOW RD	APPROXIMATELY 1.30 MILES FROM US 221A	RT	250.0			2		
7	SR 1510 HUDLOW RD	APPROXIMATELY 1.31 MILES FROM US 221A	LT	325.0			2		
8	SR 1510 HUDLOW RD	APPROXIMATELY 1.65 MILES FROM US 221A	LT	150.0	12.5	1	1		
9	SR 1510 HUDLOW RD	APPROXIMATELY 1.69 MILES FROM US 221A	RT	325.0			2		
10	SR 1510 HUDLOW RD	APPROXIMATELY 1.69 MILES FROM US 221A	LT	200.0	12.5	1	1		
11	SR 1510 HUDLOW RD	APPROXIMATELY 1.75 MILES FROM US 221A	LT	25.0			2		
12	SR 1510 HUDLOW RD	APPROXIMATELY 1.97 MILES FROM US 221A	RT	550.0			2		
13	SR 1510 HUDLOW RD	APPROXIMATELY 1.99 MILES FROM US 221A	LT	925.0	12.5	1	1		
14	SR 1510 HUDLOW RD	APPROXIMATELY 2.19 MILES FROM US 221A	LT	462.5	12.5	1	1		
15	SR 1510 HUDLOW RD	APPROXIMATELY 2.20 MILES FROM US 221A	RT	100.0			2		
16	SR 1510 HUDLOW RD	APPROXIMATELY 2.43 MILES FROM US 221A	RT	350.0			1	50	Tie to Existing Steel Beam Guardrail
17	SR 1510 HUDLOW RD	APPROXIMATELY 2.43 MILES FROM US 221A	LT	225.0	37.5	1		50	Tie to Existing Steel Beam Guardrail
18	SR 1510 HUDLOW RD	APPROXIMATELY 2.56 MILES FROM US 221A	RT	75.0			1	50.0	Tie to Existing Steel Beam Guardrail
19	SR 1510 HUDLOW RD	APPROXIMATELY 2.56 MILES FROM US 221A	LT	150.0			1	50	Tie to Existing Steel Beam Guardrail
20	SR 1510 HUDLOW RD	APPROXIMATELY 3.24 MILES FROM US 221A	RT	475.0			2		
21	SR 1510 HUDLOW RD	APPROXIMATELY 3.26 MILES FROM US 221A	LT	100.0			2		
22	SR 1510 HUDLOW RD	APPROXIMATELY 3.47 MILES FROM US 221A	RT	337.5			2		
23	SR 1510 HUDLOW RD	APPROXIMATELY 3.48 MILES FROM US 221A	LT	425.0	50.0	2			
24	SR 1510 HUDLOW RD	APPROXIMATELY 3.58 MILES FROM US 221A	LT	225.0	25.0	1	1		
25	SR 1510 HUDLOW RD	APPROXIMATELY 3.84 MILES FROM US 221A	LT	312.5			2		
26	SR 1510 HUDLOW RD	APPROXIMATELY 4.10 MILES FROM US 221A	LT	225.0			2		
27	SR 1510 HUDLOW RD	APPROXIMATELY 4.16 MILES FROM US 221A	RT	200.0			2		
28	SR 1510 HUDLOW RD	APPROXIMATELY 4.50 MILES FROM US 221A	LT	350.0			2		
29	SR 1510 HUDLOW RD	APPROXIMATELY 4.56 MILES FROM US 221A	RT	100.0	50.0		2		
30	SR 1510 HUDLOW RD	APPROXIMATELY 4.66 MILES FROM US 221A	LT	125.0			2		
31	SR 1510 HUDLOW RD	APPROXIMATELY 4.90 MILES FROM US 221A	LT	725.0			2		
32	SR 1510 HUDLOW RD	APPROXIMATELY 4.94 MILES FROM US 221A	RT	225.0			2		
<b>GRAND TOTAL</b>				<b>9,187.5</b>	<b>300.0</b>	<b>13</b>	<b>47</b>	<b>200</b>	

**NOTES:** QUANTITIES ARE ESTIMATED AND MAY CHANGE ACCORDING TO ACTUAL FIELD CONDITIONS.  
THE ENGINEER SHALL FIELD MARK ALL PROPOSED GUARDRAIL AND END UNITS PRIOR TO BEGINNING CONSTRUCTION AT EACH