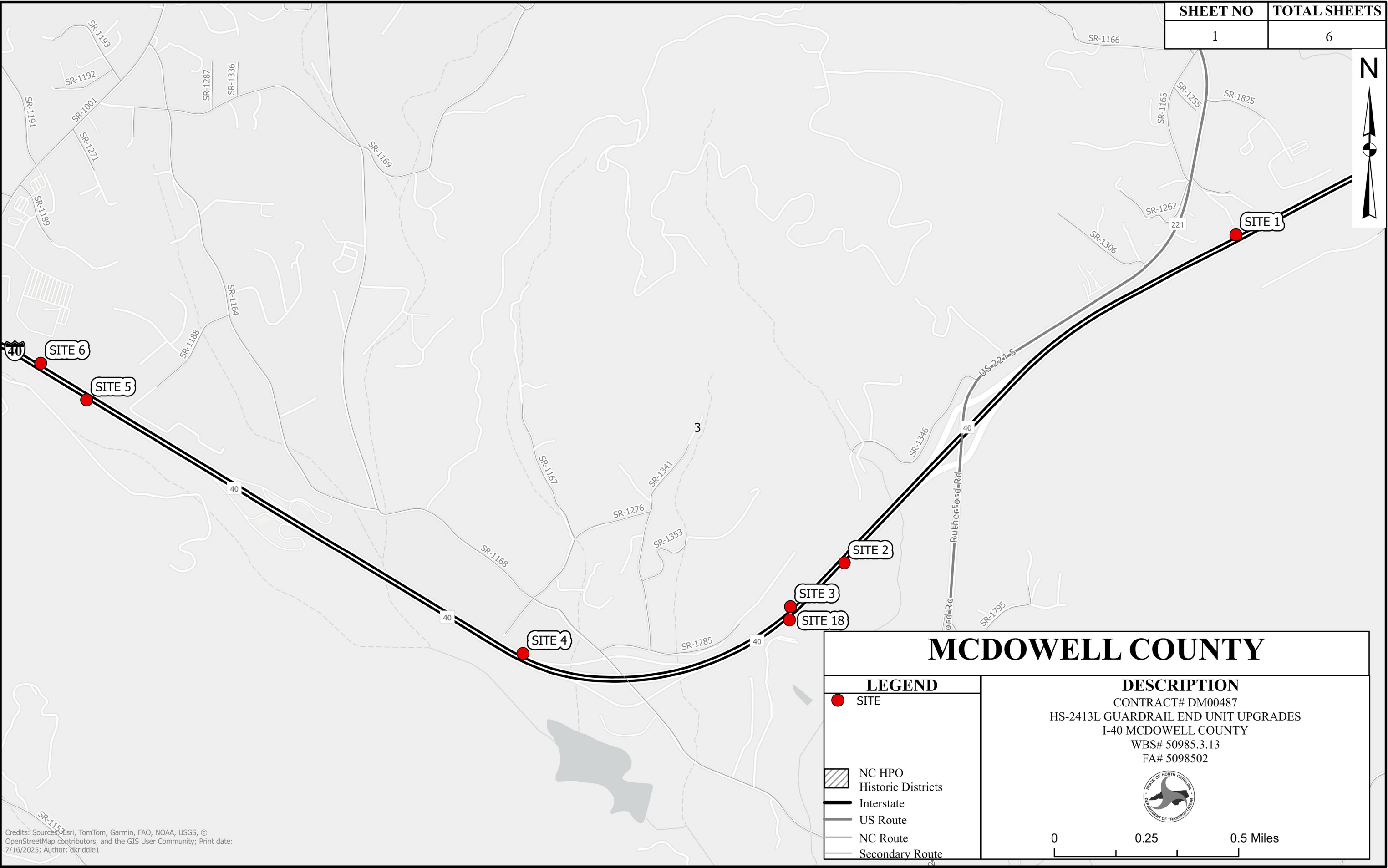
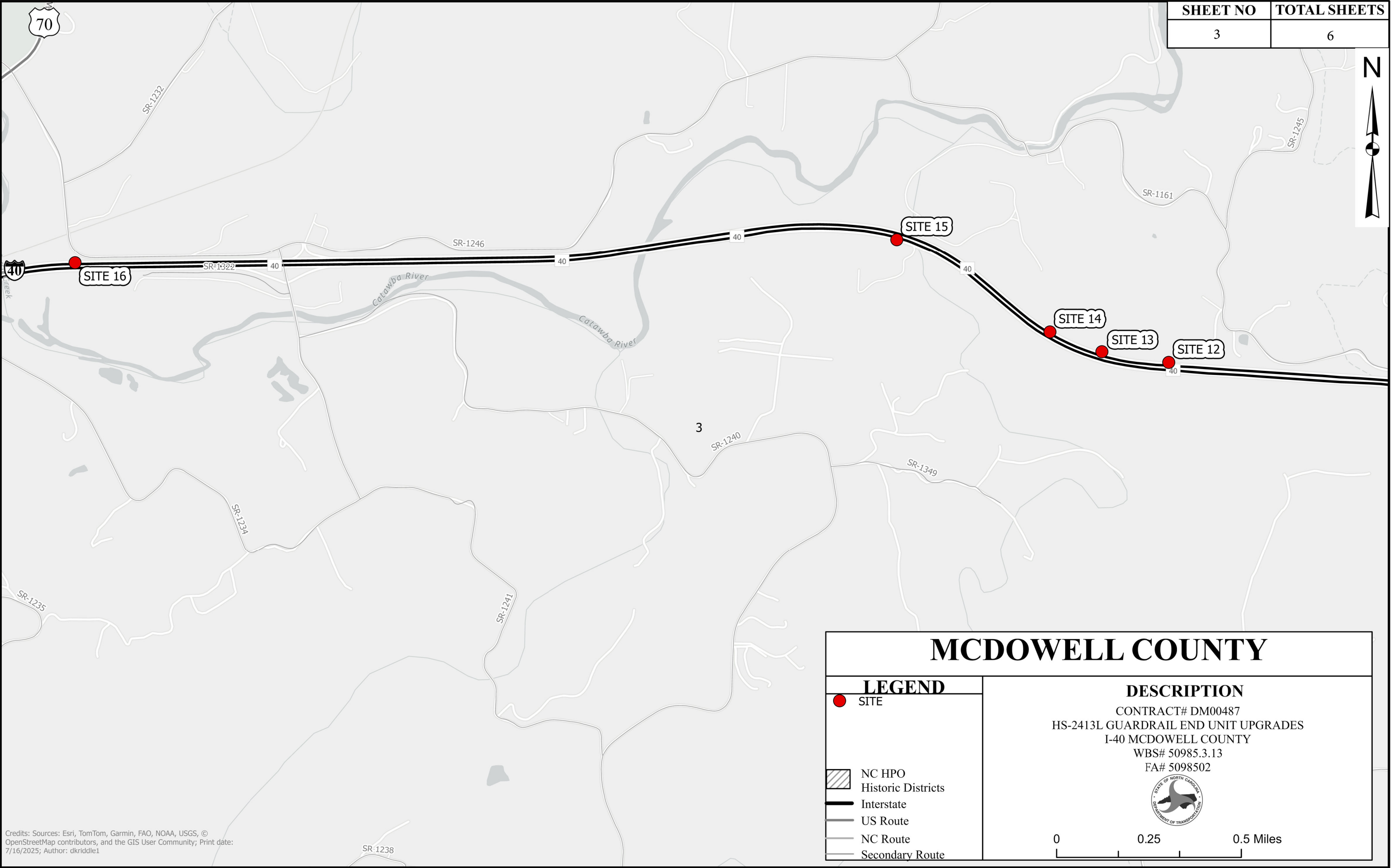
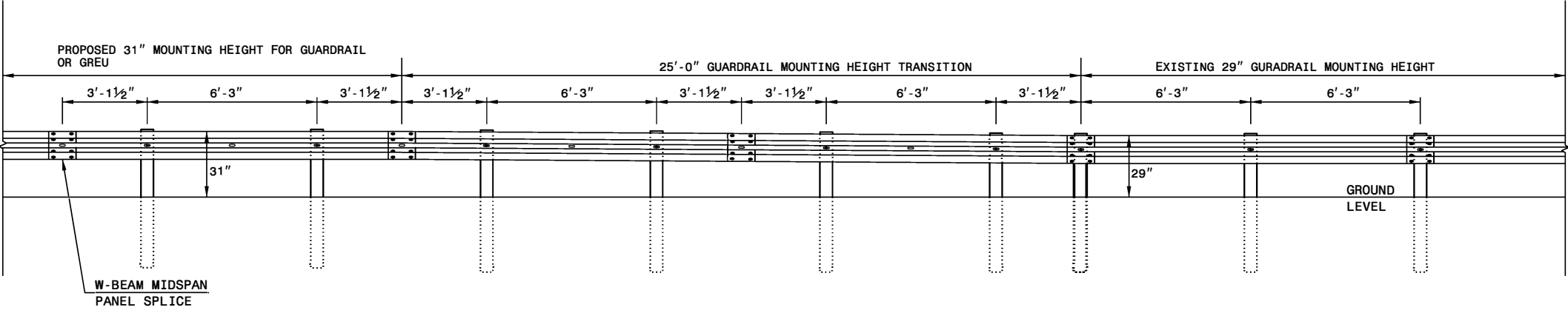






NOTE: IF EXISTING GUARDRAIL IS LOWER THAN 29", USE AN ADDITIONAL 12'-6" LONG SECTION OF GUARDRAIL,
FOR EVERY 1" OF HEIGHT DIFFERENCE, TO TRANSITION FROM EXISTING GUARDRAIL TO PROPOSED 31" GUARDRAIL.



ELEVATION VIEW

TRANSITION FROM 29" TO 31" W-BEAM GUARDRAIL MOUNTING HEIGHT

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 5 OF 9
862D02



Signed by:
Nicole M. Hacker
5884323D34164C5...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: K. Aldridge DATE: 02-25
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.:

PROJECT NO.	SHEET NO.
50985.1.13	6

GUARDRAIL ITEM SUMMARY

SITE NO	ROUTE	COUNTY	APPROXIMATE NORTHING/EASTING (US-SURVEY FT)	APPROXIMATE LATITUDE/LONGITUDE (DMS)	DESCRIPTION FROM MILE MARKERS	SHOULDER LT/RT	3030000000-E STEEL BM GUARDRAIL	3165500000-N GUARDRAIL END UNITS, TYPE BURIED IN CUT	3180000000-N GUARDRAIL ANCHOR UNITS, TYPE III MODIFIED	3345000000-E REMOVE AND RESET EXISTING GUARDRAIL	3360000000-E REMOVE EXISTING GUARDRAIL	3420000000-E STEEL BM GUARDRAIL, 2'- 1" HEIGHT TRANSITION	3420000000-E STEEL BM GUARDRAIL, RAIL	NOTES
							LF	EA	EA	LF	LF	LF	LF	
1	I-40	MCDOWELL	N= 705,444.25 / E= 1,116,990.54	35°39'07"N,81°58'22"W	APPROX .35 MILES WEST OF MM 86	RT	50	1		37.5	200	100	37.5	
2	I-40	MCDOWELL	N= 700,740.07 / E= 1,111,400.32	35°38'19"N,81°59'28"W	APPROX .10 MILES EAST OF MM 84	RT	25	1			125	75		
3	I-40	MCDOWELL	N= 700,100.88 / E=1,110,606.18	35°38'12"N,81°59'37"W	APPROX .10 MILES WEST OF MM 84	RT	25	1			225	100		
4	I-40	MCDOWELL	N= 699,417.82 / E= 1,106,842.08	35°38'05"N,82°00'23"W	APPROX .89 MILES WEST OF MM 84	RT	50	1			175	100		
5	I-40	MCDOWELL	N= 703,046.51 / E= 1,100,550.06	35°38'39"N,82°01'40"W	APPROX .86 MILES EAST OF MM 81	RT	50	1			125	100		
6	I-40	MCDOWELL	N= 703,583.95 / E= 1,099,914.25	35°38'44"N,82°01'48"W	APPROX .40 MILES WEST OF MM 82	RT	50	1			150	100		
7	I-40	MCDOWELL	N= 702,415.58 / E=1,094,273.72	35°38'30"N,82°02'56"W	APPROX .44 MILES WEST OF MM 81	RT	50	1			175	75		
8	I-40	MCDOWELL	N= 701,732.08 / E= 1,092,591.99	35°38'23"N,82°03'16"W	APPROX .78 MILES WEST OF MM 81	RT	50	1			150	100		
9	I-40	MCDOWELL	N= 700,733.38 / E= 1,089,309.09	35°38'12"N,82°03'56"W	APPROX .25 MILES WEST OF MM 80	RT	75	1	1		150			TIE TO EXISTING BRIDGE
10	I-40	MCDOWELL	N= 700,499.01 / E= 1,088,844.98	35°38'10"N,82°04'01"W	APPROX .43 MILES EAST OF MM 79	RT	75	1	1		225			TIE TO EXISTING BRIDGE
11	I-40	MCDOWELL	N= 700,554.16 / E= 1,088,504.73	35°38'10"N,82°04'05"W	APPROX .09 MILES WEST OF MM 80	RT	50	1			150	100		
12	I-40	MCDOWELL	N= 700,819.97 / E= 1,078,539.84	35°38'10"N,82°06'06"W	APPROX .56 MILES WEST OF MM 78	RT	50	1			175	75		
13	I-40	MCDOWELL	N= 700,958.60 / E= 1,077,584.98	35°38'11"N,82°06'18"W	APPROX .75 MILES WEST OF MM 78	RT	75	1			175	100		
14	I-40	MCDOWELL	N= 701,302.04 / E= 1,076,795.81	35°38'14"N,82°06'27"W	APPROX .91 MILES WEST OF MM 78	RT	50	1			150	100		
15	I-40	MCDOWELL	N= 702,590.97 / E= 1,074,627.81	35°38'26"N,82°06'54"W	APPROX .60 MILES EAST OF MM 76	RT	50	1			175	75		
16	I-40	MCDOWELL	N= 702,279.96 / E= 1,062,965.24	35°38'19"N,82°09'15"W	APPROX .57 MILES WEST OF MM 75	RT	75	1		37.5	175	100	37.5	
17	I-40	MCDOWELL	N= 700,050.24 / E= 1,082,924.51	35°38'04"N, 82°5'13"W	APPROX .29 MILES EAST OF MM 78	RT	75.0	1			150.0	100.0		
18	I-40	MCDOWELL	N= 699,919.69 / E= 1,110,590.49	35°38'10"N, 81°59'38"W	APPROX .90 MILES EAST OF MM 83	RT	75.0	1			150.0	100.0		
TOTAL							1,000.00	18	2.0	75	3,000.0	1,500.0	75.0	

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 LOCATION.