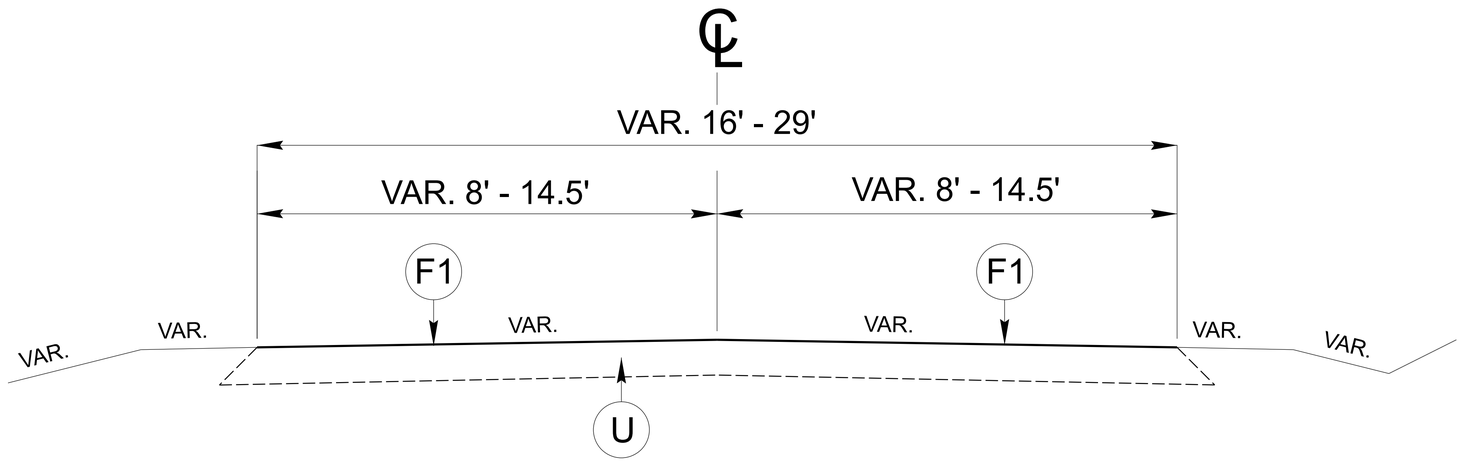


TYPICAL SECTION NO. 1

MAP 1 - SR 1100 OKLAHOMA RD FROM US 21 TO JOHN FRANK PARKWAY
MAP 2 - SR 1133 RAY TAYLOR RD FROM SR 1248 TO SR 1134
MAP 4 - SR 1206 LUTHER RD/SUMMER ST/VINE ST FROM US 221 BUS TO CDS
MAP 8 - SR 1261 COLVARD FARM RD FROM NC 16 TO EOP
MAP 19 - SR 1757 ROCKY MOUNT RD FROM SR 1751 TO SR 1751

PAVEMENT SCHEDULE	
F1*	LATEX MODIFIED MICROSUFACING, DOUBLE COURSE, TYPE III / TYPE II. APPLY THE TYPE III LEVELING COURSE AT A MIN. RATE OF 20 LBS. PER SQ. YD. APPLY THE TYPE II SURFACE COURSE AT AN AVG. RATE OF 16 TO 20 LBS. PER SQ. YD. THE COMBINED MIN. RATE SHALL BE 36 LBS. PER SQ. YD.
F2*	LATEX MODIFIED MICROSUFACING, SINGLE COURSE, TYPE III. APPLY THE TYPE III SURFACE COURSE AT AN AVG. RATE OF 20 TO 24 LBS. PER SQ. YD.
U	EXISTING PAVEMENT

* NOTE: FIBERS INCLUDED AT RATE OF 0.2% - 0.4% OF DRY MATERIAL WEIGHT

NOTE: TYPICALS ARE NOT TO SCALE

DK00498
001

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION of HIGHWAYS

DIVISION ELEVEN

ALLEGHANY, ASHE, CALDWELL

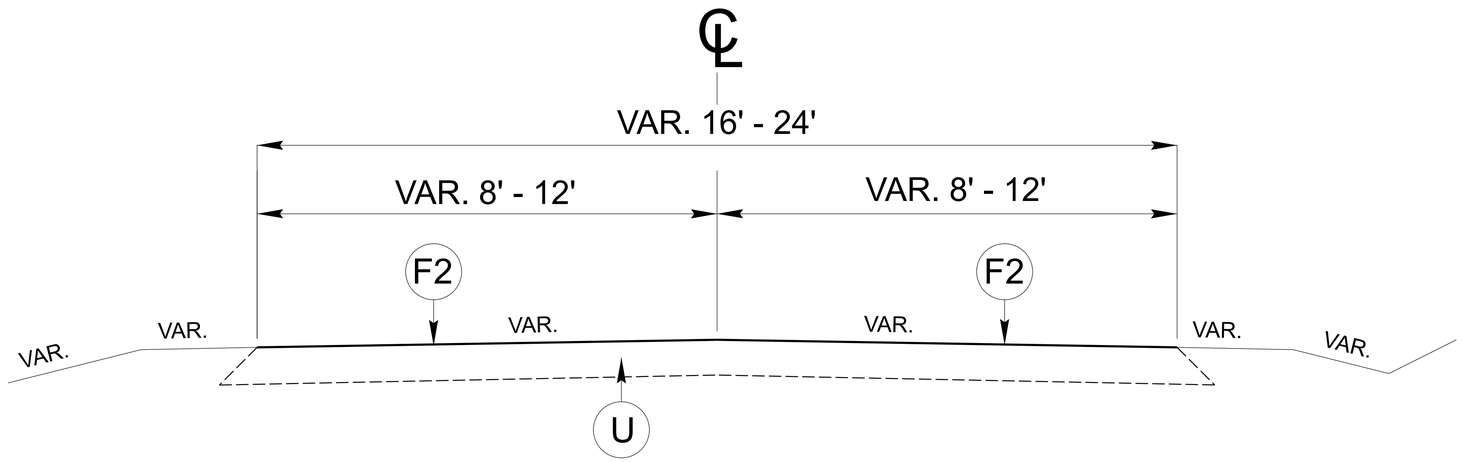
SECONDARY ROADS MICROSURFACING

2027 ASPHALT RESURFACING

DATE: 10/8/2026
PREPARED BY: DLH

REVISIONS

5/26/20



TYPICAL SECTION NO. 2

MAP 3 - SR 1135 HARLESS RD FROM SR 133 TO EOM
MAP 5 - SR 1207 GLENN BARE RD FROM US 221 TO EOM
MAP 6 - SR 1217 WICKZOLA LN FROM NC 163 TO EOM
MAP 7 - SR 1244 RAYFIELD ACRES DR FROM SR 1248 TO SR 1244
MAP 9 - SR 1272 VERNON ROTEN RD FROM US 221 TO WIDTH CHANGE
MAP 10 - SR 1272 VERNON ROTEN RD FROM WIDTH CHANGE TO EOM
MAP 11 - SR 1276 HILLSIDE DR FROM SR 1272 TO EOP
MAP 12 - SR 1280 WALTER DR FROM SR 1244 TO CUL-DE-SAC
MAP 13 - SR 1296 WILLOW CREEK DR FROM NC 88 TO EOM
MAP 14 - SR 1581 SUNNYSIDE PARK FROM US 221 TO EOM
MAP 15 - SR 1663 WEST ST FROM SR 1581 TO EOM
MAP 16 - SR 1679 OSCAR DAY RD FROM SR 1580 TO EOP
MAP 17 - SR 1682 MOUNTAIN VIEW DR FROM NC 16 TO EOM
MAP 18 - SR 1685 HIGHLAND HILL DR FROM NC 16 TO EOM
MAP 20 - SR 1782 MIDWAY SAND RD FROM US 321S TO EOM
MAP 21 - SR 1935 LAKE VALLEY PL FROM US 321S TO EOM

PAVEMENT SCHEDULE	
F1*	LATEX MODIFIED MICROSUFACING, DOUBLE COURSE, TYPE III / TYPE II. APPLY THE TYPE III LEVELING COURSE AT A MIN. RATE OF 20 LBS. PER SQ. YD. APPLY THE TYPE II SURFACE COURSE AT AN AVG. RATE OF 16 TO 20 LBS. PER SQ. YD. THE COMBINED MIN. RATE SHALL BE 36 LBS. PER SQ. YD.
F2*	LATEX MODIFIED MICROSUFACING, SINGLE COURSE, TYPE III. APPLY THE TYPE III SURFACE COURSE AT AN AVG. RATE OF 20 TO 24 LBS. PER SQ. YD.
U	EXISTING PAVEMENT

* NOTE: FIBERS INCLUDED AT RATE OF 0.2% - 0.4% OF DRY MATERIAL WEIGHT

NOTE: TYPICALS ARE NOT TO SCALE

REVISIONS

DK00498
002

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION of HIGHWAYS

DIVISION ELEVEN

ALLEGHANY, ASHE, CALDWELL

SECONDARY ROADS MICROSURFACING

2027 ASPHALT RESURFACING

DATE: 10/8/2026
PREPARED BY: DLH

PROJECT NUMBER	SHEET NUMBER
DK00498	3

SUMMARY OF QUANTITIES

												1891000000-E	1891000000-E	4413000000-E	4709000000-E	4725000000-E		4810000000-E	4850000000-E	4895000000-N	4895000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	MICROSURFACING DOUBLE COURSE TYPE III/ TYPE II	MICRO SURFACING SINGLE COURSE, TYPE III	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	THERMOPLASTIC PAVEMENT MARKING LINES, 24", 90 MILS	THERMOPLASTIC LEFT ARROW 90 MILS	THERMOPLASTIC RIGHT ARROW 90 MILS	PAINT PAVEMENT MARKING LINES, 4"	4" LINE REMOVAL	REMOVAL OF SNOWPLOWABLE DELINEATION	POLYCARBONATE H-SHAPED MARKER
								MI	FT			SY	SY	SF	LF	EA	EA	LF	LF	EA	EA
2027CPT.11.05.20031	Alleghany	1	SR-1100 / OKLAHOMA ROAD	FROM US 21 TO JOHN FRANK PARKWAY	1	2	2WU	3.098	18	0.000	3.098	34,365		230				130,200	65,100	204	204
TOTAL FOR PROJ NO. 2027CPT.11.05.20031								**3.098**				**34,365**		**230**				**130,200**	**65,100**	**204**	**204**
2027CPT.11.05.20051	Ashe	2	SR-1133 / RAY TAYLOR ROAD	FROM SR 1248 TO SR 1134	1	2	2WU	0.860	29	0.000	0.860	15,397		112		2	2	32,200	16,100	51	51
2027CPT.11.05.20051	Ashe	3	SR-1135 / HARLESS ROAD	FROM SR 1133 TO END OF MAINTENANCE	2	2	2WU	0.550	20	0.000	0.550		5,705	112							
2027CPT.11.05.20051	Ashe	4	SR-1206 / LUTHER ROAD	FROM US 221 BUS TO CUL-DE-SAC	1	2	2WU	0.910	16	0.000	0.910	9,254		112							
2027CPT.11.05.20051	Ashe	5	SR-1207 / GLENN BARE ROAD	FROM US 221 TO END OF MAINTENANCE	2	2	2WU	0.500	16	0.000	0.500		5,078	112							
2027CPT.11.05.20051	Ashe	6	SR-1217 / WICKZOLA LANE	FROM NC 163 TO END OF MAINTENANCE	2	2	2WU	0.500	16	0.000	0.500		4,828	112							
2027CPT.11.05.20051	Ashe	7	SR-1244 / RAYFIELD ACRES DRIVE	FROM SR 1248 TO SR 1244	2	2	2WU	0.430	18	0.000	0.430		4,874	112							
2027CPT.11.05.20051	Ashe	8	SR-1261 / COLVAROAD FARM ROAD	FROM NC 16 TO END OF PAVEMENT	1	2	2WU	0.719	18	0.000	0.719	7,490		112							
2027CPT.11.05.20051	Ashe	9	SR-1272 / VERNON ROTEN ROAD	FROM US 221 TO WIDTH CHANGE	2	2	2WU	0.044	24	0.000	0.044		1,415	112	20		1	2,400			
2027CPT.11.05.20051	Ashe	10	SR-1272 / VERNON ROTEN ROAD	FROM WIDTH CHANGE TO END OF MAINTENANCE	2	2	2WU	0.230	16	0.044	0.274		1,248	112							
2027CPT.11.05.20051	Ashe	11	SR-1276 / HILLSIDE DRIVE	FROM SR 1272 TO END OF PAVEMENT	2	2	2WU	0.090	16	0.000	0.090		845	112							
2027CPT.11.05.20051	Ashe	12	SR-1280 / WALTER DRIVE	FROM SR 1244 TO CUL-DE-SAC	2	2	2WU	0.260	18	0.000	0.260		3,436	112							
2027CPT.11.05.20051	Ashe	13	SR-1296 / WILLOW CREEK DRIVE	FROM NC 88 TO END OF MAINTENANCE	2	2	2WU	0.300	20	0.000	0.300		3,136	112							
2027CPT.11.05.20051	Ashe	14	SR-1581 / SUNNYSIDE PARK	FROM US 221 TO END OF MAINTENANCE	2	2	2WU	0.440	16	0.000	0.440		4,384	112							
2027CPT.11.05.20051	Ashe	15	SR-1663 / WEST STREET	FROM SR 1581 TO END OF MAINTENANCE	2	2	2WU	0.240	18	0.000	0.240		2,760	112							
2027CPT.11.05.20051	Ashe	16	SR-1679 / OSCAR DAY ROAD	FROM SR 1580 TO END OF PAVEMENT	2	2	2WU	0.300	16	0.000	0.300		2,864	112							
2027CPT.11.05.20051	Ashe	17	SR-1682 / MOUNTAIN VIEW DRIVE	FROM NC 16 TO END OF MAINTENANCE	2	2	2WU	0.210	16	0.000	0.210		1,896	112							
2027CPT.11.05.20051	Ashe	18	SR-1685 / HIGHLAND HILL DRIVE	FROM NC 16 TO END OF MAINTENANCE	2	2	2WU	0.130	16	0.000	0.130		1,060	112							
TOTAL FOR PROJ NO. 2027CPT.11.05.20051								**6.713**				**32,141**	**43,529**	**1,904**	**20**	**2**	**3**	**34,600**	**16,100**	**51**	**51**
2027CPT.11.05.20141	Caldwell	19	SR-1757 / ROCKY MOUNT ROAD	FROM SR 1751 TO SR 1751	1	2	2WU	2.350	19	2.720	5.070	27,646		204				99,520	49,760	156	156
2027CPT.11.05.20141	Caldwell	20	SR-1782 / MIDWAY SAND ROAD	FROM US 321 S TO END OF MAINTENANCE	2	2	2WU	0.520	18	0.000	0.520		5,300	112							
2027CPT.11.05.20141	Caldwell	21	SR-1935 / LAKE VALLEY PLACE	FROM US 321 S TO END OF MAINTENANCE	2	2	2WU	0.210	18	0.000	0.210		2,218	112							
TOTAL FOR PROJ NO. 2027CPT.11.05.20141								**3.080**				**27,646**	**7,518**	**428**				**99,520**	**49,760**	**156**	**156**
GRAND TOTAL								**12.891**				**94,152**	**51,047**	**2,562**	**20**	**2**	**3**	**264,320**	**130,960**	**411**	**411**
																5					

MILE POST MAP

Map # 1
SR 1100 - Oklahoma Rd
FROM US 21
TO John Frank Parkway

SR-1103
SR-1473
SR-1478
SR-1484
SR-1102
21
SR-1100
SR-1100
SR-1100
Alleghany County
Wilkes County
21
SR-1784
SR-1786

Alleghany County
Map #1
DK00498

N

NCDOT GIS Unit

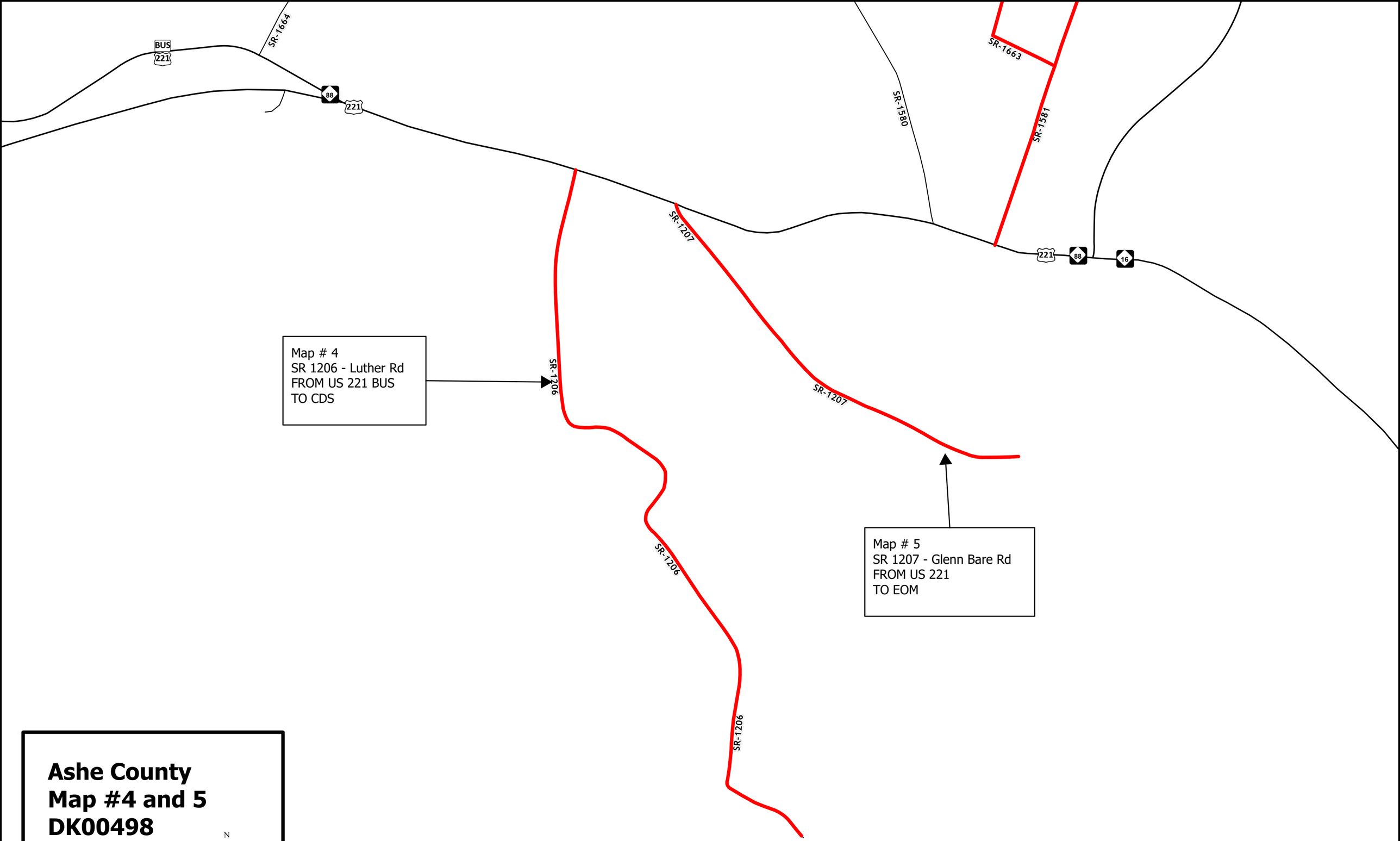
Map # 3
SR 1135 - Harless Rd
FROM SR 1133 - Buck Mtn Rd
TO EOM

Map # 2
SR 1133 - Ray Taylor Rd
FROM SR 1248 - Beaver Creek School Rd
TO SR 1134 - East Buck Mtn Rd

Ashe County
Map #2 and 3
DK00498

N

NCDOT GIS Unit



Ashe County
Map #4 and 5
DK00498

N

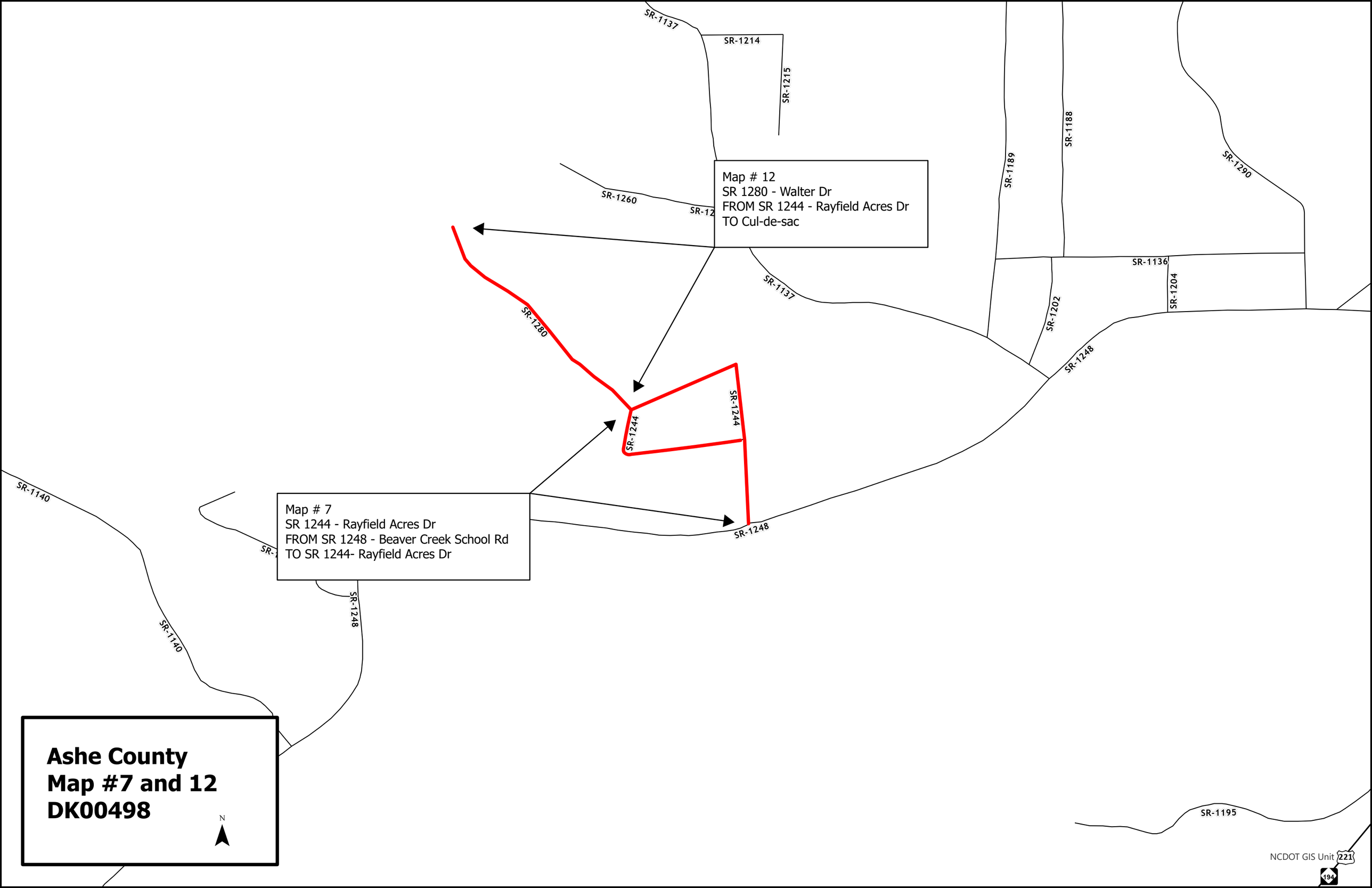
NCDOT GIS Unit

Map # 6
SR 1217 - Wickzola Ln
FROM NC 163
TO EOM

Ashe County
Map #6
DK00498

N

NCDOT GIS Unit


SR-1137
SR-1214
SR-1215
SR-1260
SR-1189
SR-1188
SR-1290
Map # 12
SR 1280 - Walter Dr
FROM SR 1244 - Rayfield Acres Dr
TO Cul-de-sac
SR-1136
SR-1137
SR-1204
SR-1202
SR-1280
SR-1244
SR-1248
SR-1140
Map # 7
SR 1244 - Rayfield Acres Dr
FROM SR 1248 - Beaver Creek School Rd
TO SR 1244- Rayfield Acres Dr
SR-1195
Ashe County
Map #7 and 12
DK00498
N
NCDOT GIS Unit
221
194

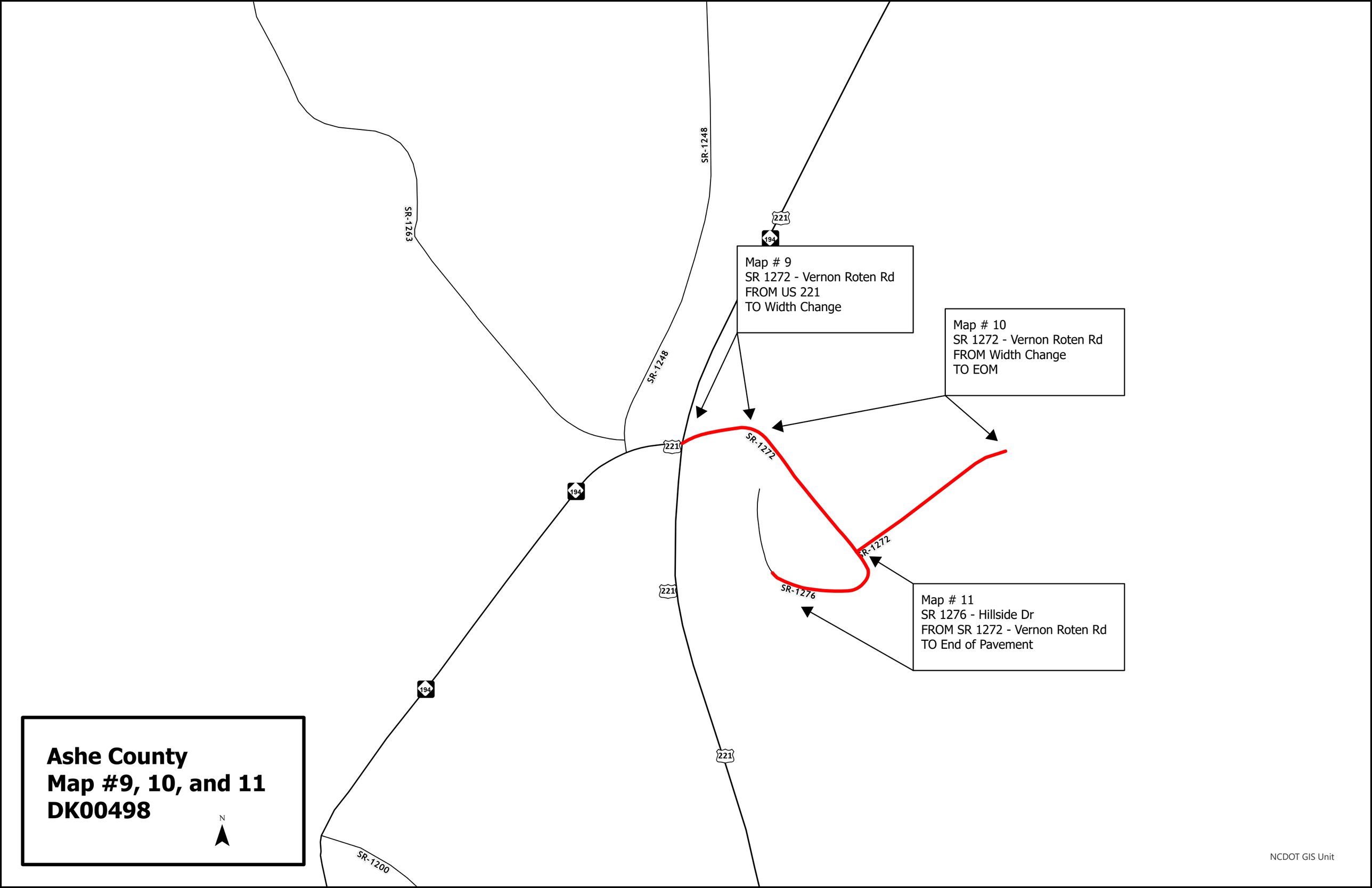
Map # 8
SR 1261 - Colvard Farm Rd
FROM NC 16
TO End of Pavement

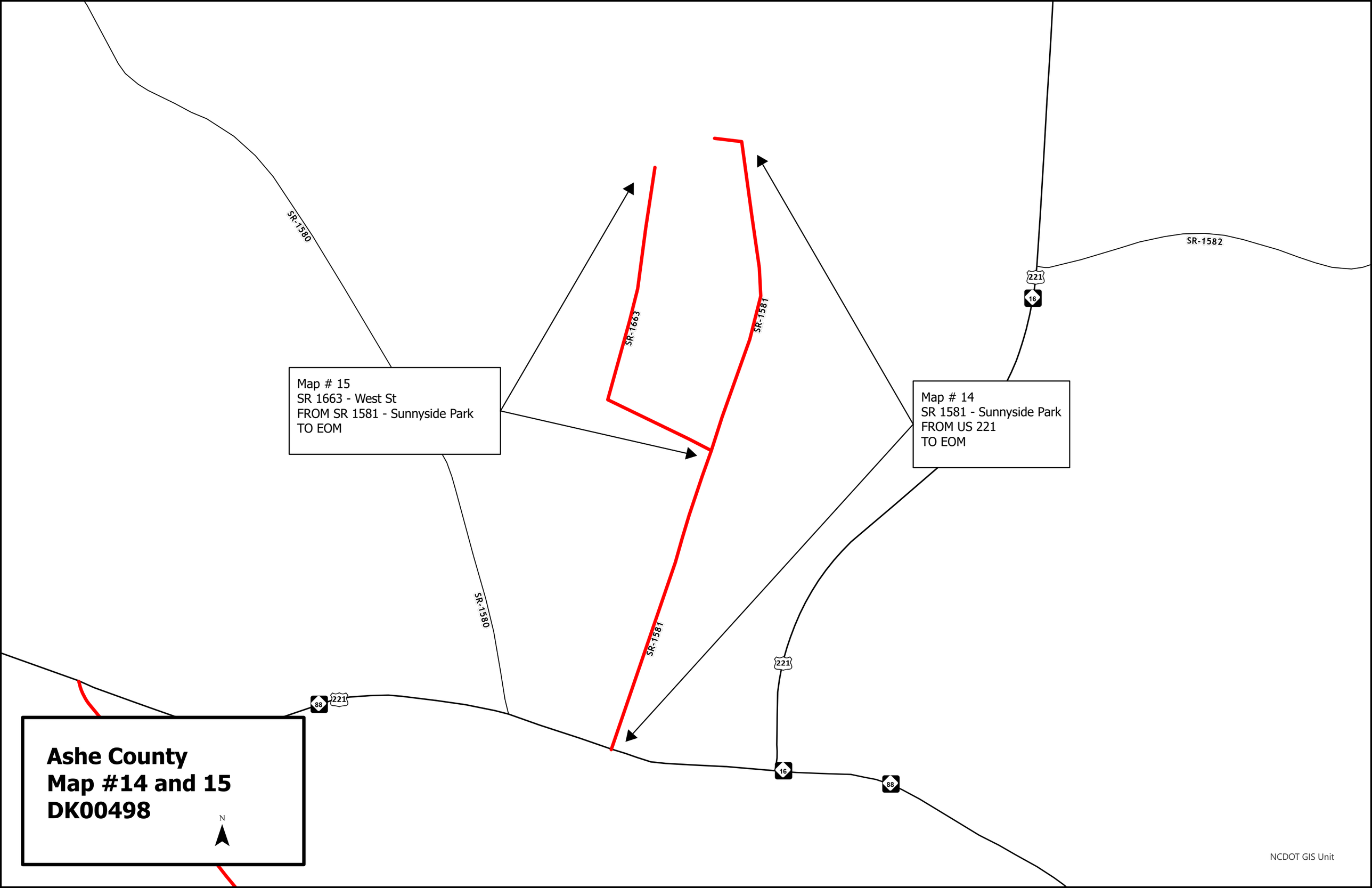
Map # 13
SR 1296 - Willow Creek Dr
FROM NC 88
TO EOM

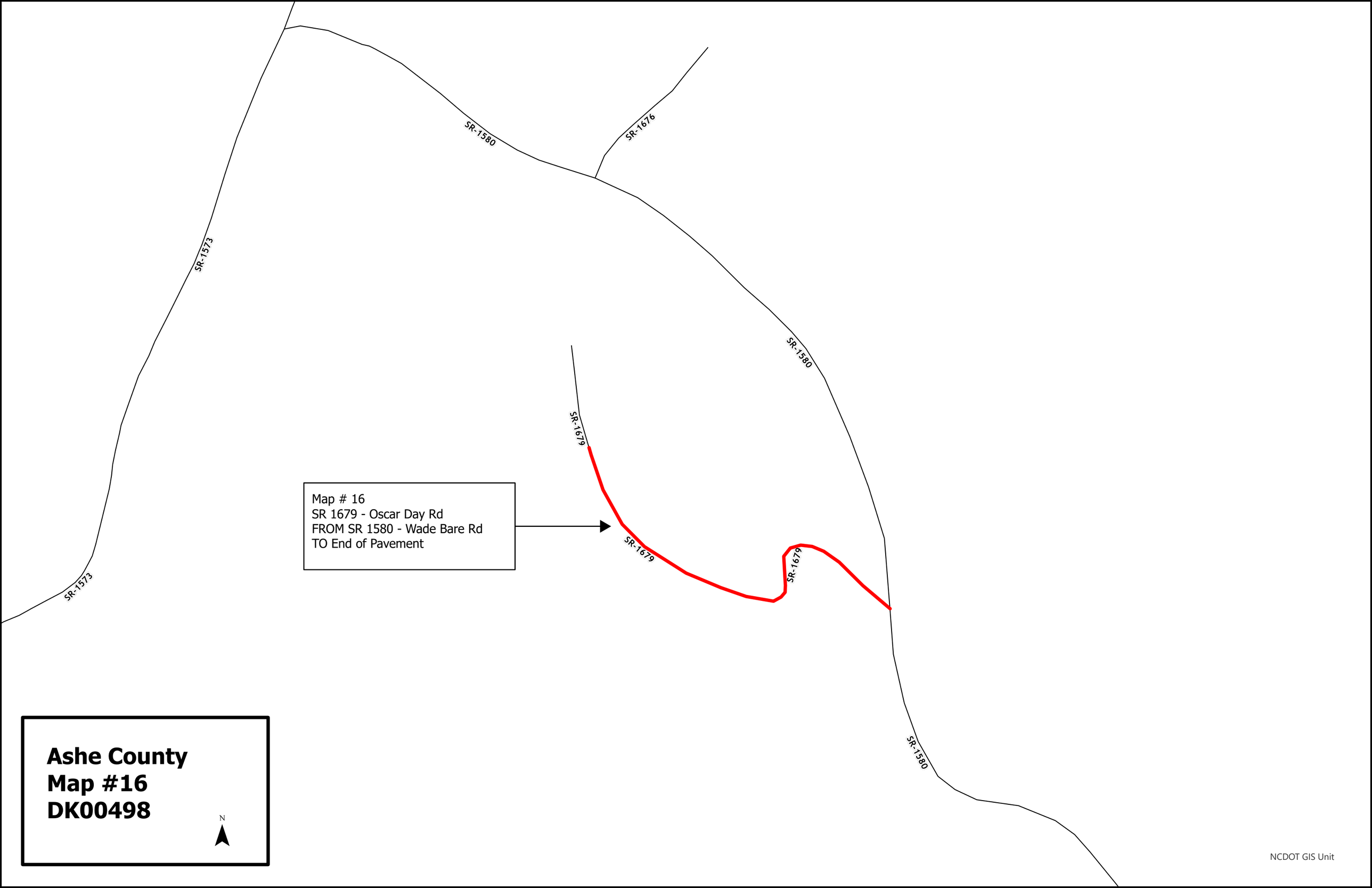
Ashe County
Map #8 and 13
DK00498

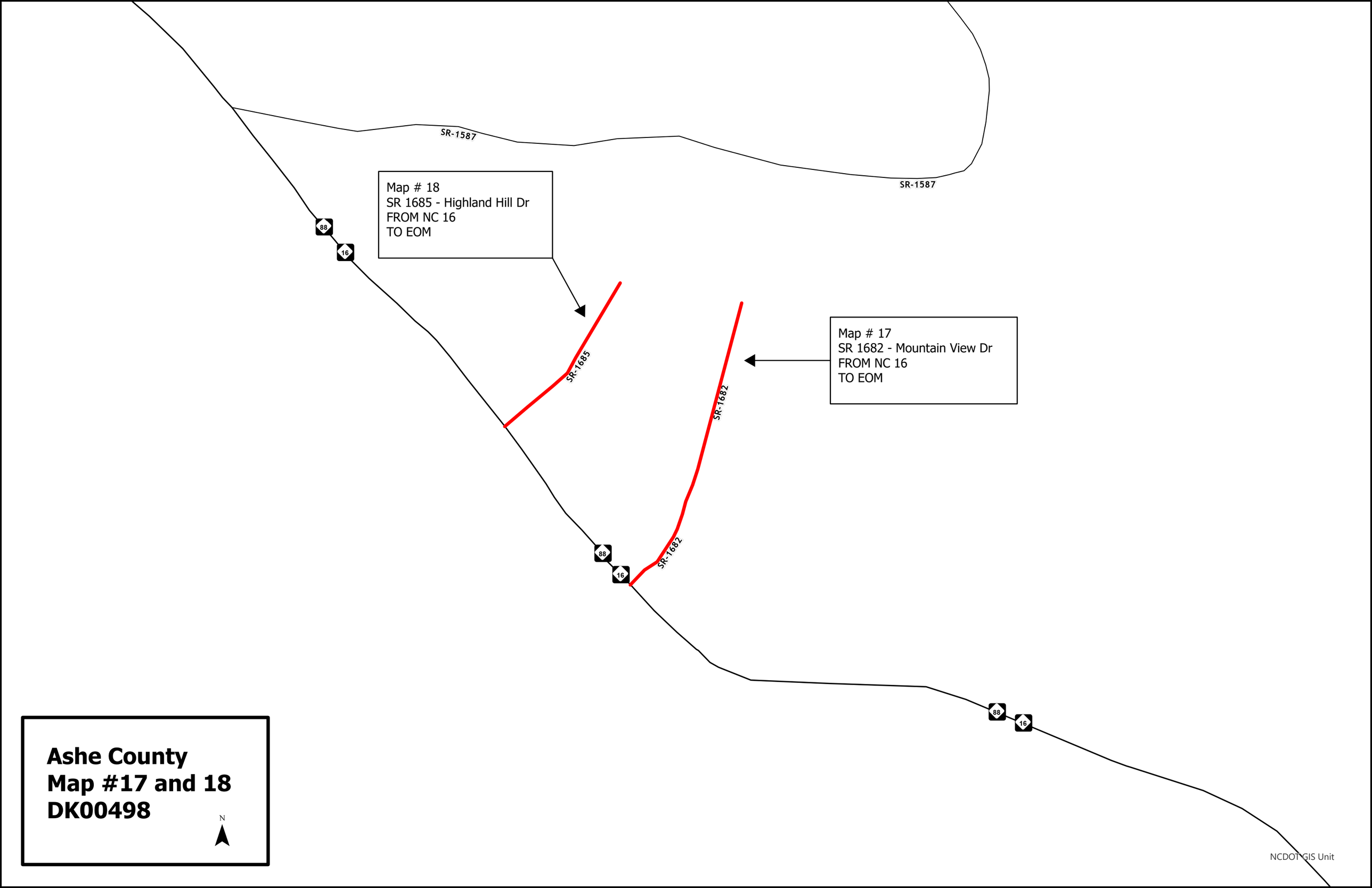
N

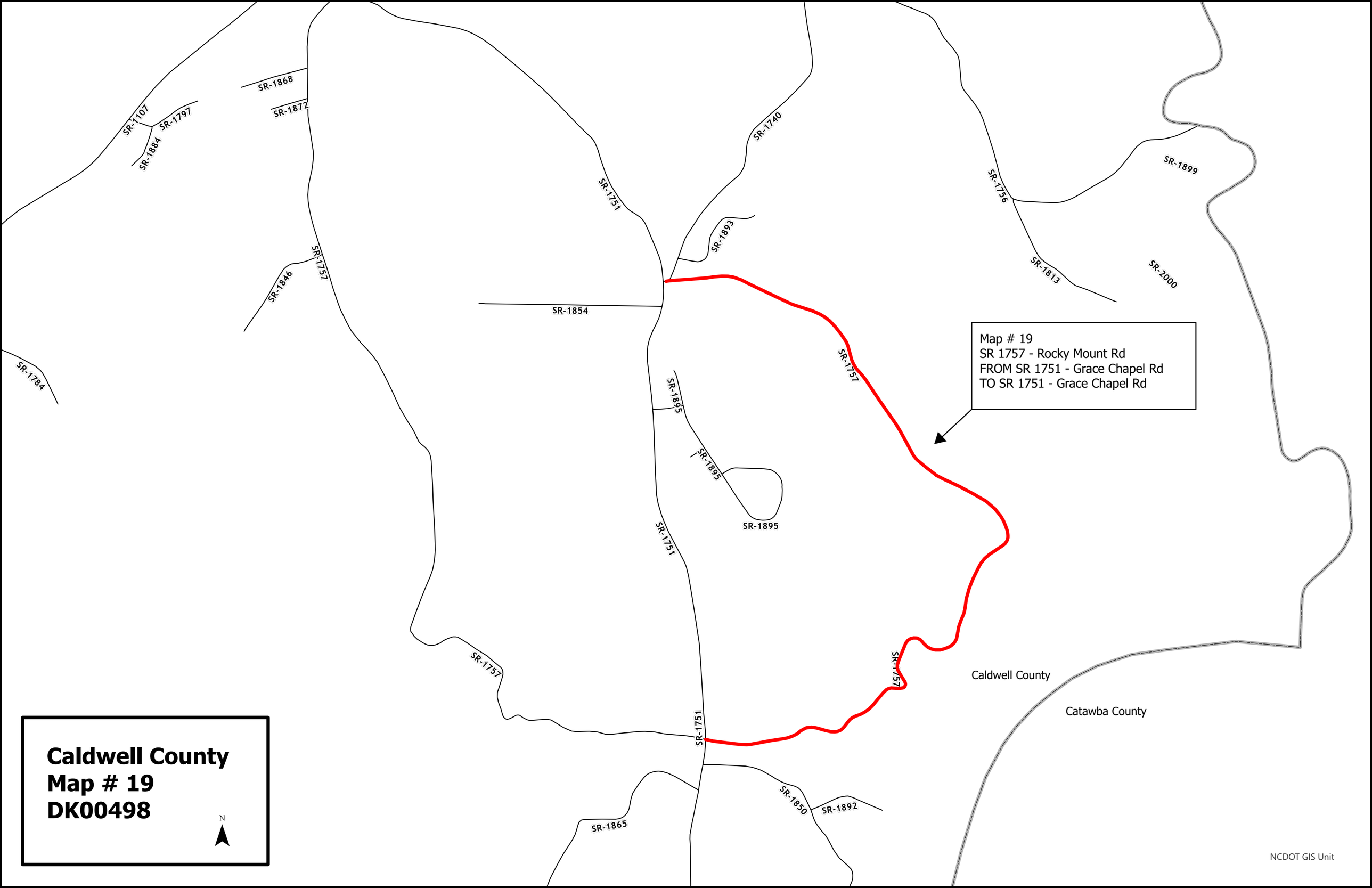
NCDOT GIS Unit


SR-1248
SR-1263
SR-1248
221
194
Map # 9
SR 1272 - Vernon Roten Rd
FROM US 221
TO Width Change
Map # 10
SR 1272 - Vernon Roten Rd
FROM Width Change
TO EOM
221
SR-1272
SR-1272
SR-1276
Map # 11
SR 1276 - Hillside Dr
FROM SR 1272 - Vernon Roten Rd
TO End of Pavement
194
221
194
221
SR-1200
Ashe County
Map #9, 10, and 11
DK00498
N
NCDOT GIS Unit


SR-1580
SR-1663
SR-1581
SR-1582
221
16
88
Map # 15
SR 1663 - West St
FROM SR 1581 - Sunnyside Park
TO EOM
Map # 14
SR 1581 - Sunnyside Park
FROM US 221
TO EOM
Ashe County
Map #14 and 15
DK00498
N
NCDOT GIS Unit


SR-1573
SR-1580
SR-1676
SR-1580
SR-1679
SR-1679
SR-1679
SR-1580
SR-1573
Map # 16
SR 1679 - Oscar Day Rd
FROM SR 1580 - Wade Bare Rd
TO End of Pavement
Ashe County
Map #16
DK00498
N
NCDOT GIS Unit


SR-1587
SR-1587
Map # 18
SR 1685 - Highland Hill Dr
FROM NC 16
TO EOM
88
16
SR-1685
SR-1682
Map # 17
SR 1682 - Mountain View Dr
FROM NC 16
TO EOM
88
16
88
16
Ashe County
Map #17 and 18
DK00498
N
NCDOT GIS Unit


SR-1107
SR-1797
SR-1884
SR-1868
SR-1872
SR-1751
SR-1740
SR-1893
SR-1756
SR-1899
SR-1813
SR-2000
SR-1757
SR-1846
SR-1854
SR-1784
SR-1895
SR-1895
SR-1751
SR-1757
SR-1757
SR-1751
SR-1865
SR-1850
SR-1892
Map # 19
SR 1757 - Rocky Mount Rd
FROM SR 1751 - Grace Chapel Rd
TO SR 1751 - Grace Chapel Rd
Caldwell County
Catawba County
Caldwell County
Map # 19
DK00498
N
NCDOT GIS Unit

Map # 20
SR 1782 - Midway Sand Rd
FROM US 321 S
TO EOM

Map # 21
SR 1935 - Lake Valley Pl
FROM US 321 S
TO EOM

Caldwell County
Map # 20 and 21
DK00498

N

Caldwell County

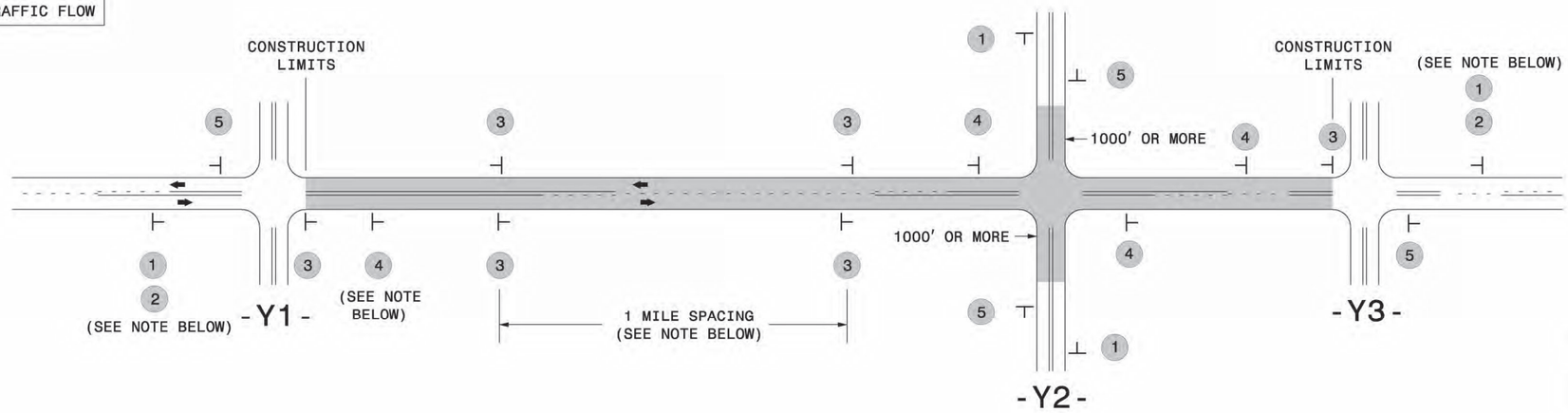
Catawba County

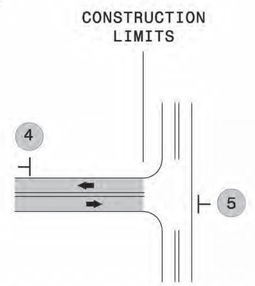
NCDOT GIS Unit

PROJ. REFERENCE NO.	SHEET NO.
DK00498	16

SIGNING FOR RESURFACING PROJECTS

LEGEND
- ⊢ STATIONARY SIGN
- ⬅ DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 2	ROAD WORK AHEAD W20-1 48″ X 48″ NEXT XX MILES W7-3aP 24″ X 18″	PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE. #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)
3	LOW/SOFT SHOULDER SP 13107 48″ X 48″	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
4	ROAD UNDER CONST SP 13106 48″ X 48″	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500′ +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500′ OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500′ +/- OF THE INTERSECTION ALONG -L- LINE.
5	END ROAD WORK G20-2 A 48″ X 24″	PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.

-Y- LINE SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000′ OF RESURFACING ALONG -Y- LINE
2) SUBDIVISION ROADS
3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

ROAD WORK AHEAD W20-1 48″ X 48″
PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A 48″ X 48″
PLACED 250′ IN ADVANCE OF FLAGGER.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

5/15/2017
S:\TMD\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn
User:kaddis