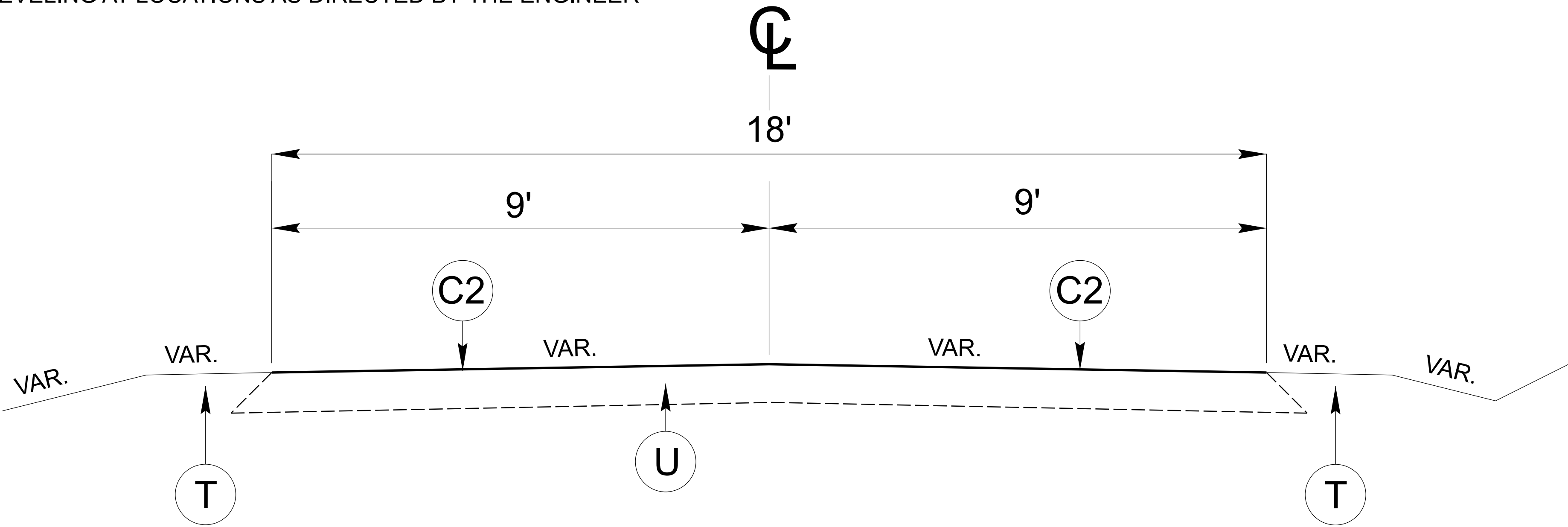
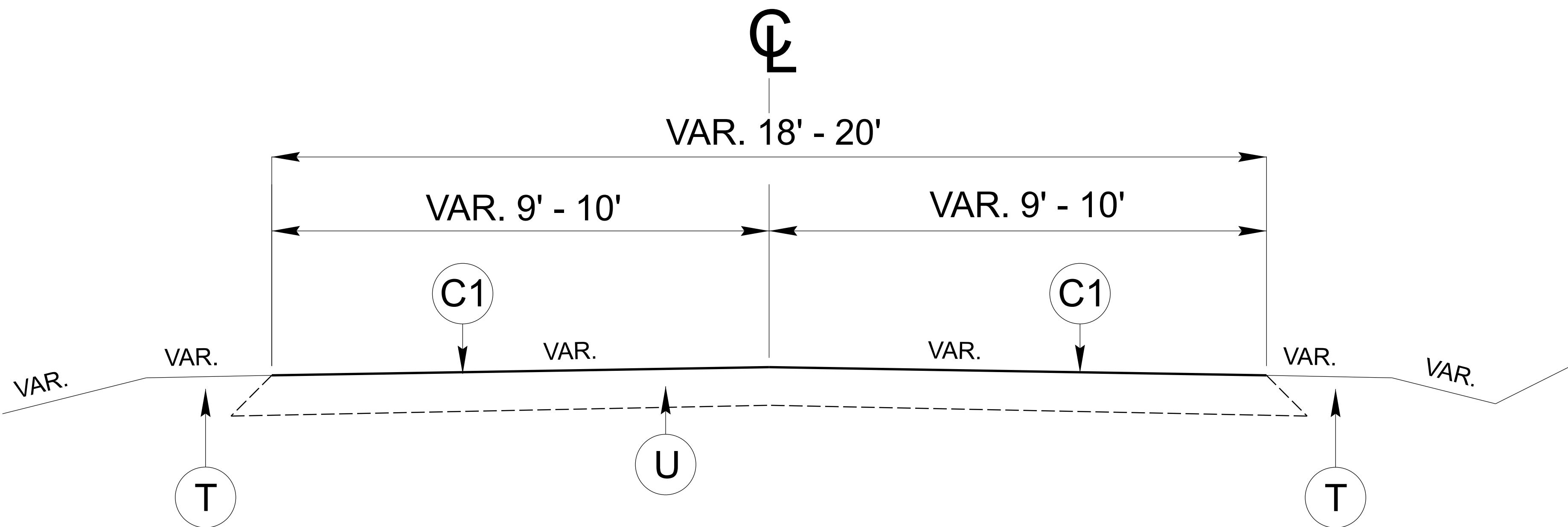


- * "PATCHING EXISTING PAVEMENT" HAS BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS. AREAS TO BE DELINIATED BY THE ENGINEER.
- * INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER
- *** LEVELING AT LOCATIONS AS DIRECTED BY THE ENGINEER

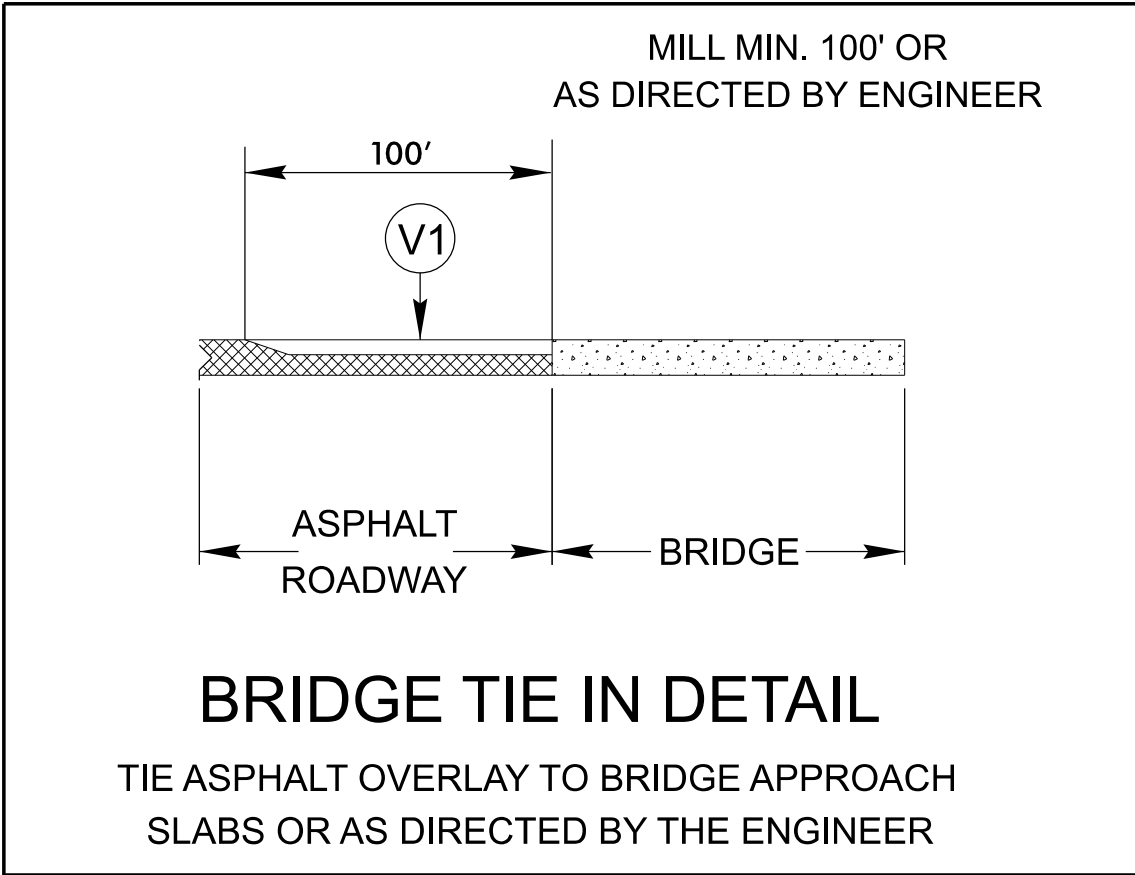
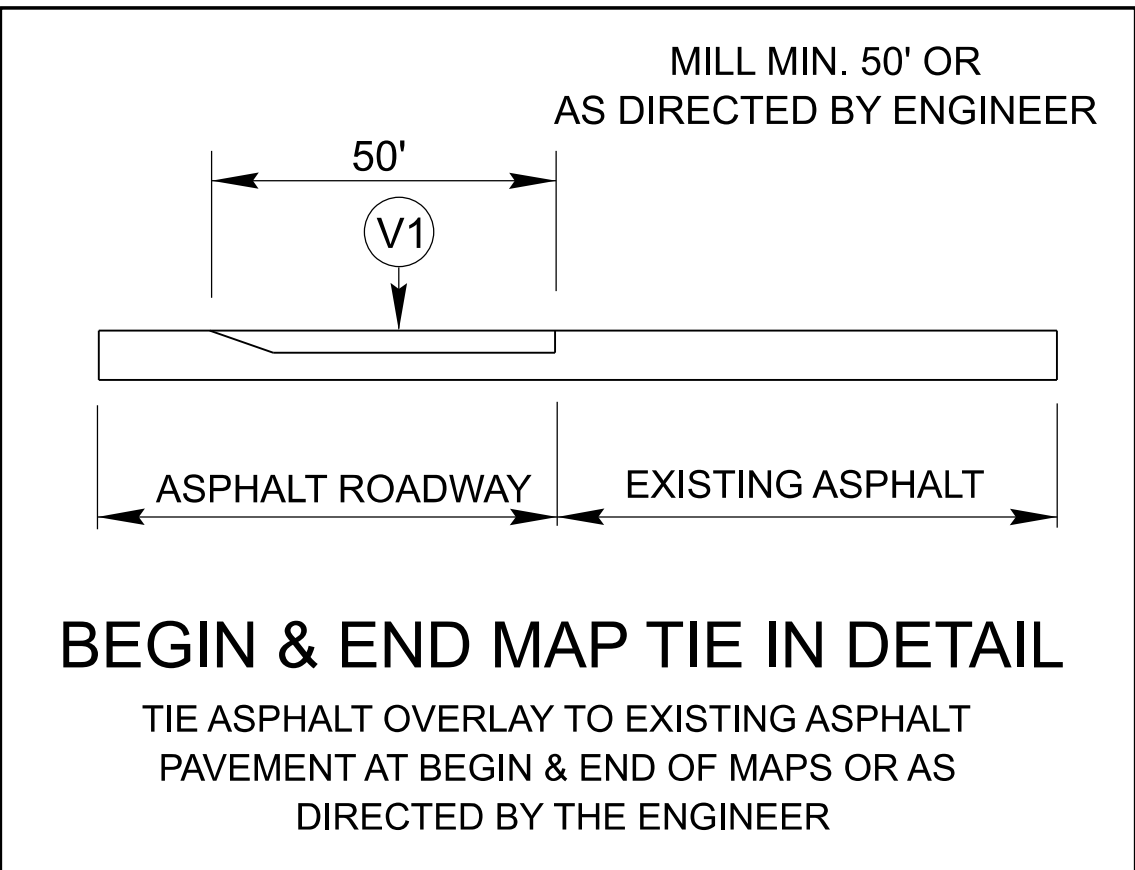


TYPICAL SECTION NO. 1
MAP 1 - NC 18 FROM BLUE RIDGE PARKWAY TO WILKES CO. LINE



- TYPICAL SECTION NO. 2**
MAP 2 - SR 1316 SOUTH FORK CHURCH RD FROM SR 1359 TO NC 113
*** MAP 3 - SR 1321 GARVEY RD FROM NC 113 TO SR 1325
*** MAP 4 - SR 1322 GARVEY RD FROM SR 1321 TO NC 113
*** MAP 5 - SR 1429 ANDREWS RIDGE RD FROM SR 1426 TO US 21
MAP 6 - SR 1442 EDMONDS RD FROM NC 18 TO VA LINE
MAP 7 - SR 1467 STOKER RD FROM SR 1444 TO US 21
MAP 8 - SR 1316 PINEY CREEK SCHOOL RD FROM SR 1359 TO NC 113

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING (See Tie in Detail)



NOTE: TYPICALS ARE NOT TO SCALE

DK00497

001

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

DIVISION ELEVEN

ALLEGHANY COUNTY

PRIMARY
AND
SECONDARY
ROADS

2027
ASPHALT
RESURFACING

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

DATE: 9/3/2026
PREPARED BY: DLH

REVISIONS

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E INCIDENTAL STONE BASE	1245000000-E SHOULDER RECONSTRUCTION	1260000000-E AGGREGATE SHOULDER BORROW	1330000000-E INCIDENTAL MILLING	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, TYPE S9.5B	1523000000-E SURFACE COURSE, S9.5C	1575000000-E ASPHALT BINDER FOR PLANT MIX	1704000000-E PATCHING EXISTING PAVEMENT
								MI	FT			TONS	SMI	TON	SY	TONS	TON	TONS	TON	TONS
2027CPT.11.03.10031	Alleghany	1	NC-18 E / NC HWY 18 S	FROM BLUE RIDGE PARKWAY TO WILKES COUNTY LINE	1	2	2WU	1.840	18	0.000	1.840	60	3.7	368	200			1,890	114	50
TOTAL FOR PROJ NO. 2027CPT.11.03.10031								1.840				60	3.7	368	200			1,890	114	50
2027CPT.11.03.20031	Alleghany	2	SR-1316 / SOUTH FORK CHURCH ROAD	FROM SR 1359 TO NC 113	2	2	2WU	0.700	20	0.000	0.700	60	1.4	140	200	716			49	50
2027CPT.11.03.20031	Alleghany	3	SR-1321 / LEN ROAD/GARVEY ROAD	FROM NC 113 TO SR 1325	2	2	2WU	1.360	20	0.000	1.360	116	2.7	272	250	1,523	757		148	
2027CPT.11.03.20031	Alleghany	4	SR-1322 / GARVEY ROAD	FROM SR 1321 TO NC 113	2	2		0.080	18	0.000	0.080	15	0.2	16	250	81	45		8	
2027CPT.11.03.20031	Alleghany	5	SR-1429 / ANDREWS RIDGE ROAD	FROM SR 1426 TO US 21	2	2		1.020	20	0.000	1.020	72	2.0	204	246	1,143	596		113	
2027CPT.11.03.20031	Alleghany	6	SR-1442 / EDMONDS ROAD	FROM NC 18 TO VA Line	2	2		0.180	18	0.000	0.180	15	0.4	36	253	182			14	50
2027CPT.11.03.20031	Alleghany	7	SR-1467 / STOKER ROAD	FROM SR 1444 TO US 21	2	2		0.930	18	0.000	0.930	24	1.9	186	216	1,001			67	50
2027CPT.11.03.20031	Alleghany	8	SR-1316 / PINEY CREEK SCHOOL ROAD	FROM SR 1359 TO NC 113	2	2	2WU	0.740	18	0.701	1.441	60	1.5	148	200	682			47	50
TOTAL FOR PROJ NO. 2027CPT.11.03.20031								5.010				362	10.0	1,002	1,615	5,328	1,398		446	200
GRAND TOTAL								6.850				422	13.7	1,370	1,815	5,328	1,398	1,890	560	250

[MILE POST MAP](#)

												PROJECT NO.		SHEET		
												DK00497		3		
THERMOPLASTIC AND PAINT QUANTITIES																
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4709000000-E THERMOPLASTIC PAVEMENT MARKING LINES, 24", 90 MILS	4720000000-E THERMOPLASTIC MESSAGE SCHOOL, 90 MILS	4890000000-E HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 65 MILS	4895000000-N POLYCARBONATE H-SHAPED MARKER
								MI	FT					SF	LF	EA
2027CPT.11.03.10031	Alleghany	1	NC-18 E / NC HWY 18 S	FROM BLUE RIDGE PARKWAY TO WILKES COUNTY LINE	1	2	2WU	1.84	18	0	1.84	176			38,862	121
TOTAL FOR PROJ NO. 2027CPT.11.03.10031								1.84				176			38,862	121
2027CPT.11.03.20031	Alleghany	2	SR-1316 / SOUTH FORK CHURCH ROAD	FROM SR 1359 TO NC 113	2	2	2WU	0.7	20	0	0.7	112			14,784	
2027CPT.11.03.20031	Alleghany	3	SR-1321 / LEN ROAD/GARVEY ROAD	FROM NC 113 TO SR 1325	2	2	2WU	1.36	20	0	1.36	176			28,724	
2027CPT.11.03.20031	Alleghany	4	SR-1322 / GARVEY ROAD	FROM SR 1321 TO NC 113	2	2		0.08	18	0	0.08	112			1,690	
2027CPT.11.03.20031	Alleghany	5	SR-1429 / ANDREWS RIDGE ROAD	FROM SR 1426 TO US 21	2	2		1.02	20	0	1.02	176			21,542	
2027CPT.11.03.20031	Alleghany	6	SR-1442 / EDMONDS ROAD	FROM NC 18 TO VA Line	2	2		0.18	18	0	0.18	112			3,802	
2027CPT.11.03.20031	Alleghany	7	SR-1467 / STOKER ROAD	FROM SR 1444 TO US 21	2	2		0.93	18	0	0.93	112			19,642	61
2027CPT.11.03.20031	Alleghany	8	SR-1316 / PINEY CREEK SCHOOL ROAD	FROM SR 1359 TO NC 113	2	2	2WU	0.74	18	0.701	1.441	112	100	12		
TOTAL FOR PROJ NO. 2027CPT.11.03.20031								5.01				912	100	12	90,184	61
GRAND TOTAL								6.85				1,088	100	12	129,046	182

[MILE POST MAP](#)

Alleghany County
Map #1
DK00497

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Map # 1
NC 18
FROM Blue Ridge Parkway
TO Wilkes County Line

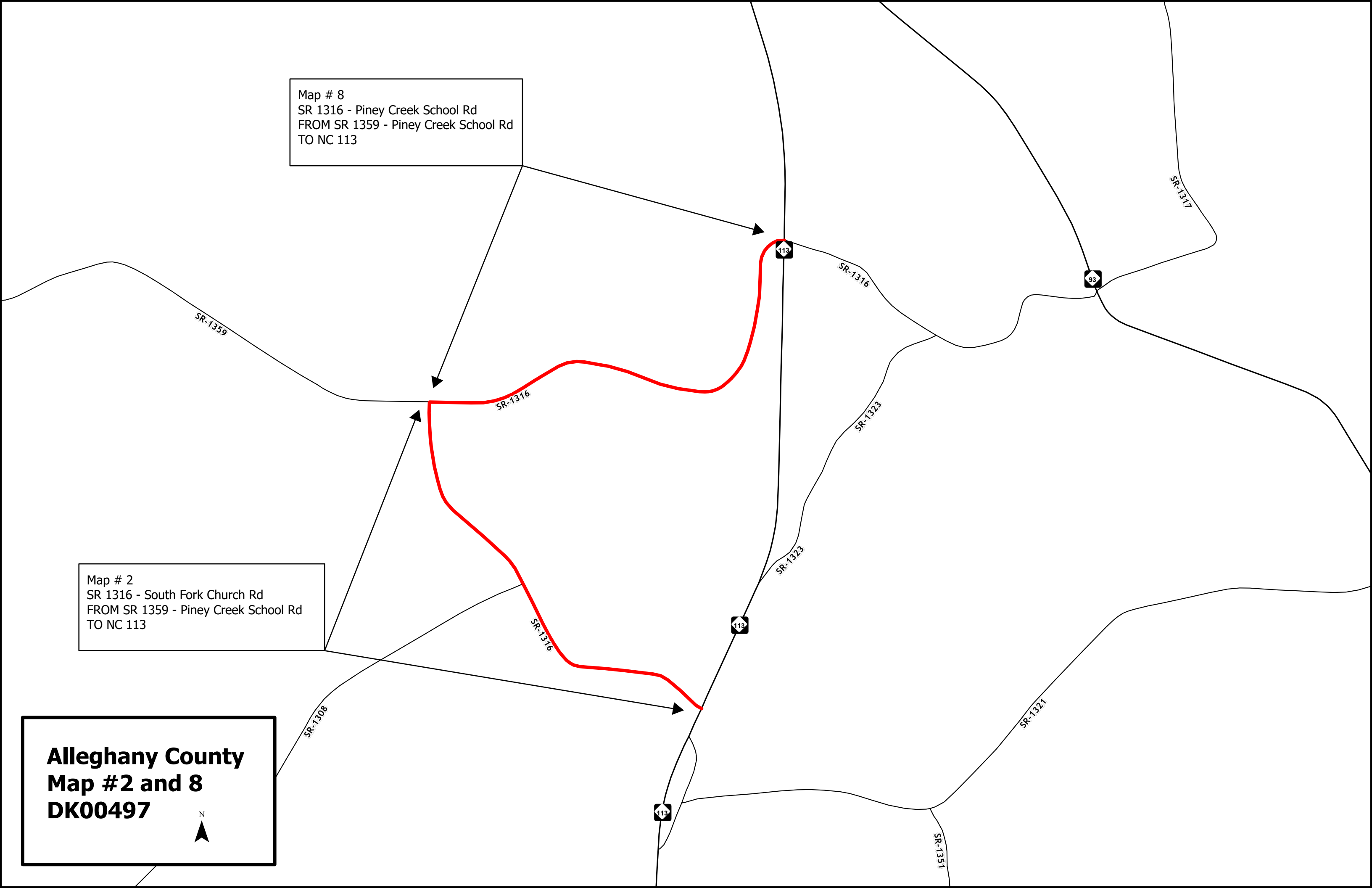
Map # 8
SR 1316 - Piney Creek School Rd
FROM SR 1359 - Piney Creek School Rd
TO NC 113

Map # 2
SR 1316 - South Fork Church Rd
FROM SR 1359 - Piney Creek School Rd
TO NC 113

Alleghany County
Map #2 and 8
DK00497

N

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Alleghany County

Map #3 and 4

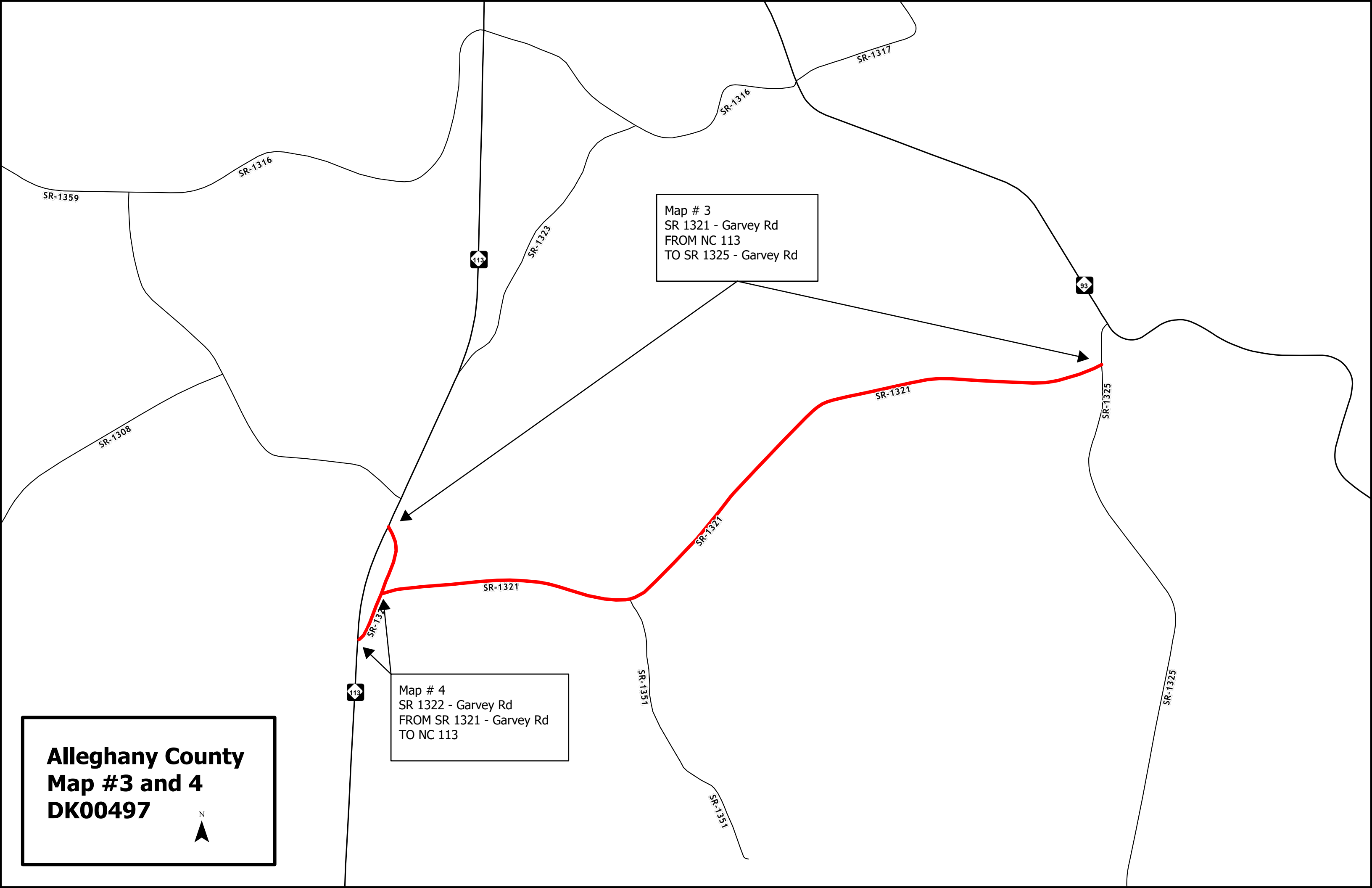
DK00497

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Map # 4
SR 1322 - Garvey Rd
FROM SR 1321 - Garvey Rd
TO NC 113

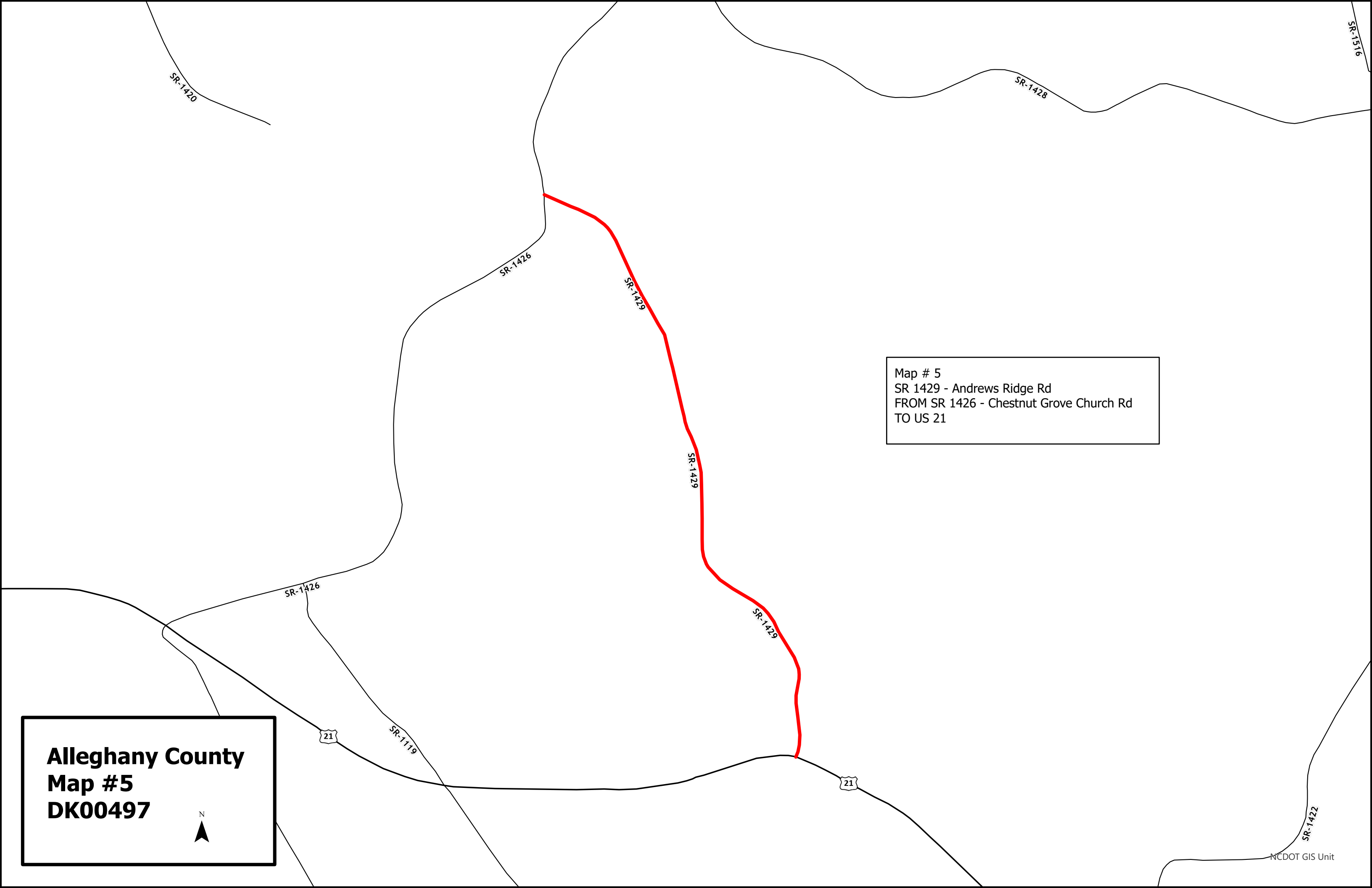
Map # 3
SR 1321 - Garvey Rd
FROM NC 113
TO SR 1325 - Garvey Rd



Alleghany County
Map #5
DK00497



Map # 5
SR 1429 - Andrews Ridge Rd
FROM SR 1426 - Chestnut Grove Church Rd
TO US 21



Alleghany County
Map #6
DK00497



Map # 6
SR 1442 - Edmonds Rd
FROM NC 18
TO VA State Line

Virginia

Alleghany County

SR-1442

SR-1444



Alleghany County

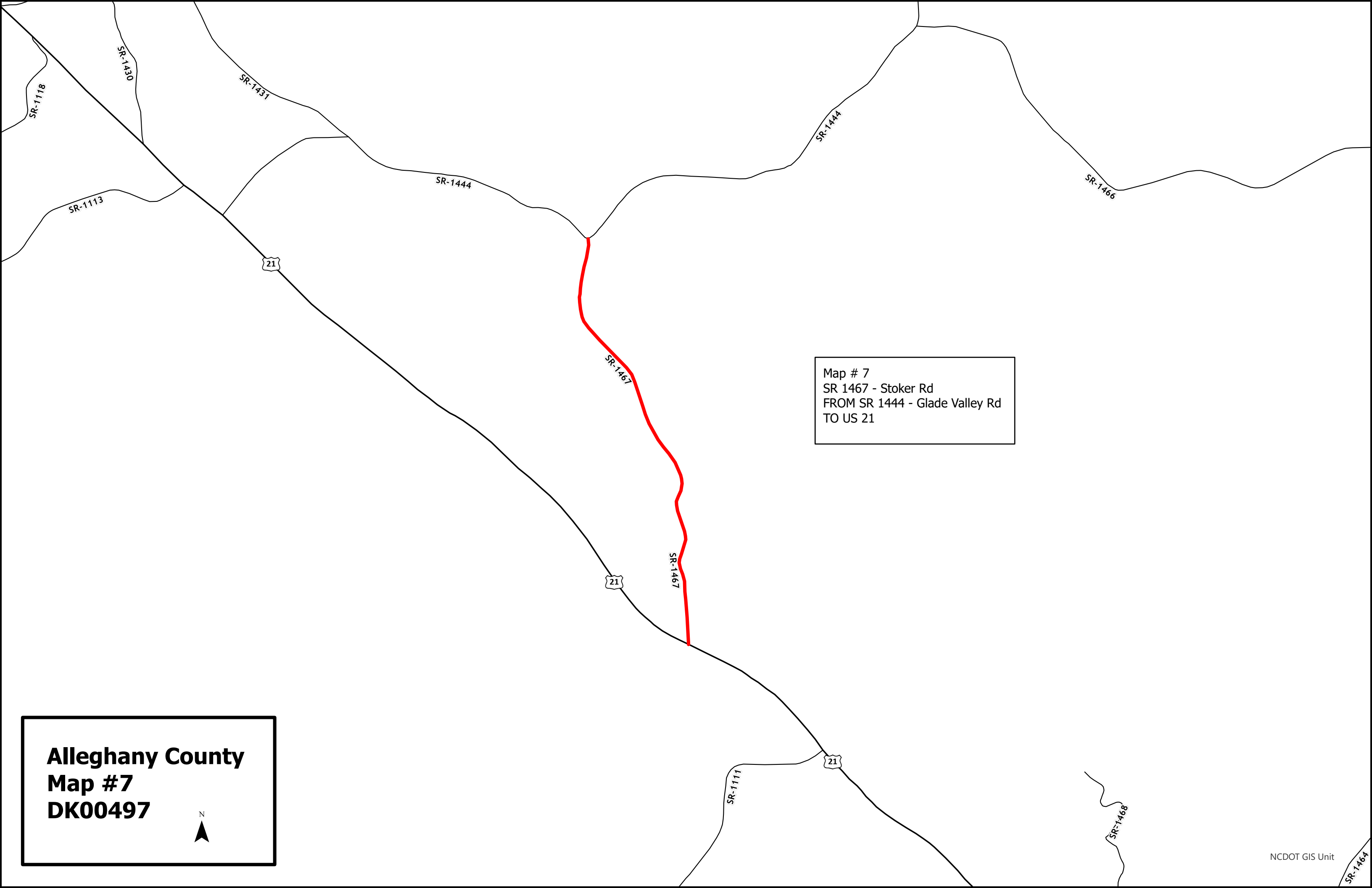
Map #7

DK00497

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Map # 7
SR 1467 - Stoker Rd
FROM SR 1444 - Glade Valley Rd
TO US 21

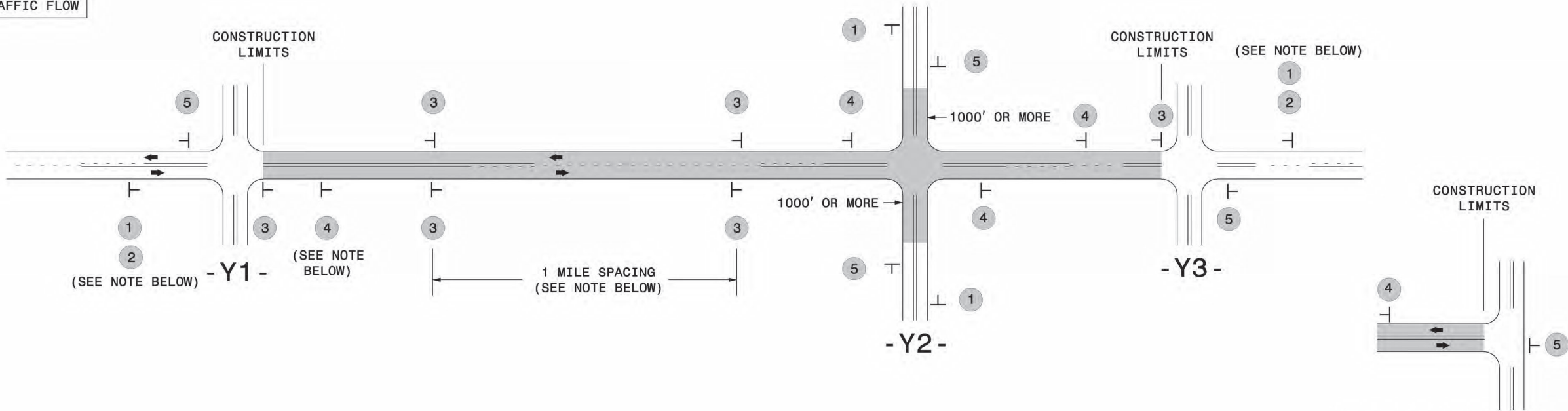


SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 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)	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.
	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 1/2 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.	
LESS 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.	

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.

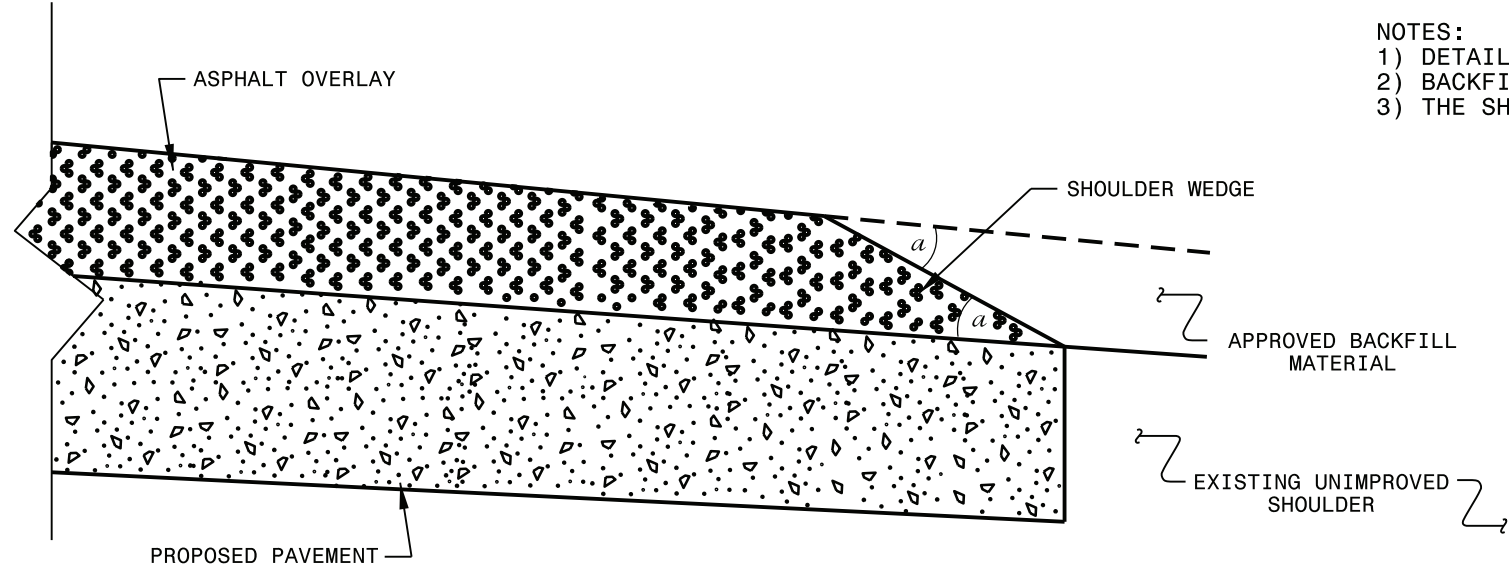
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE
TRAFFIC CONTROL

AD

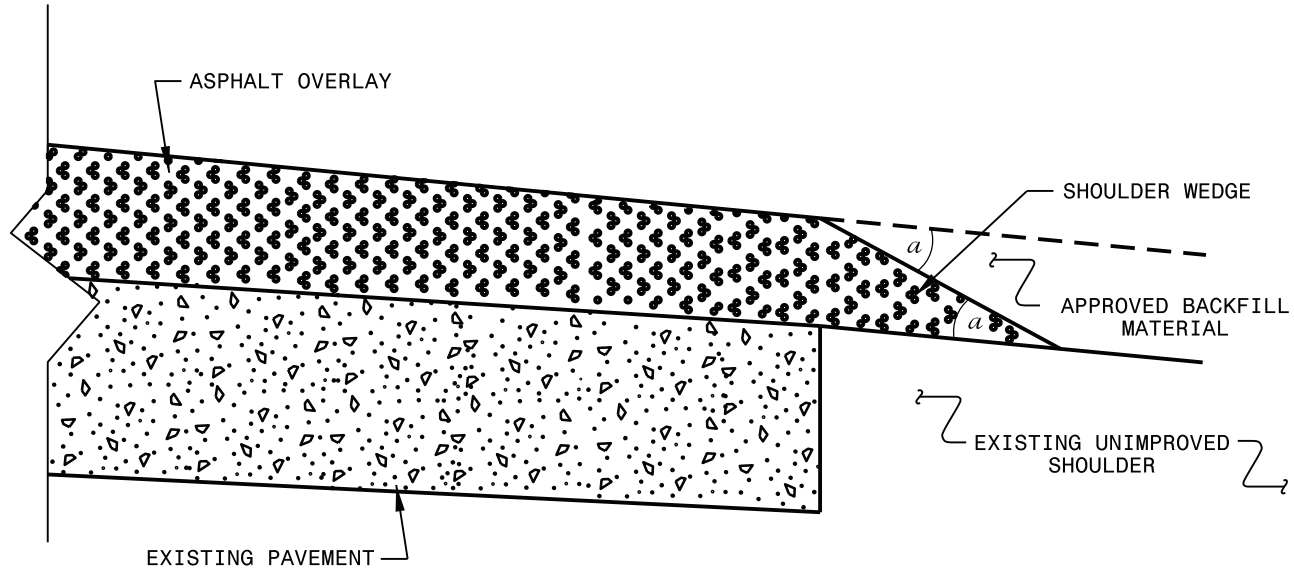


ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING

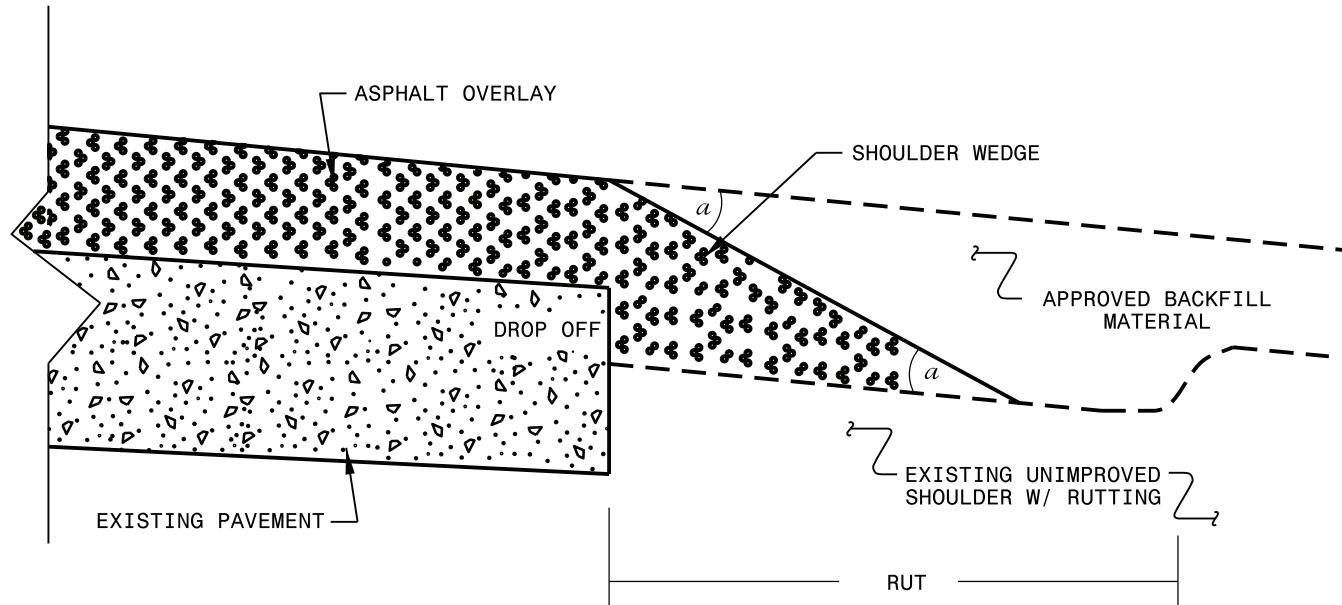
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



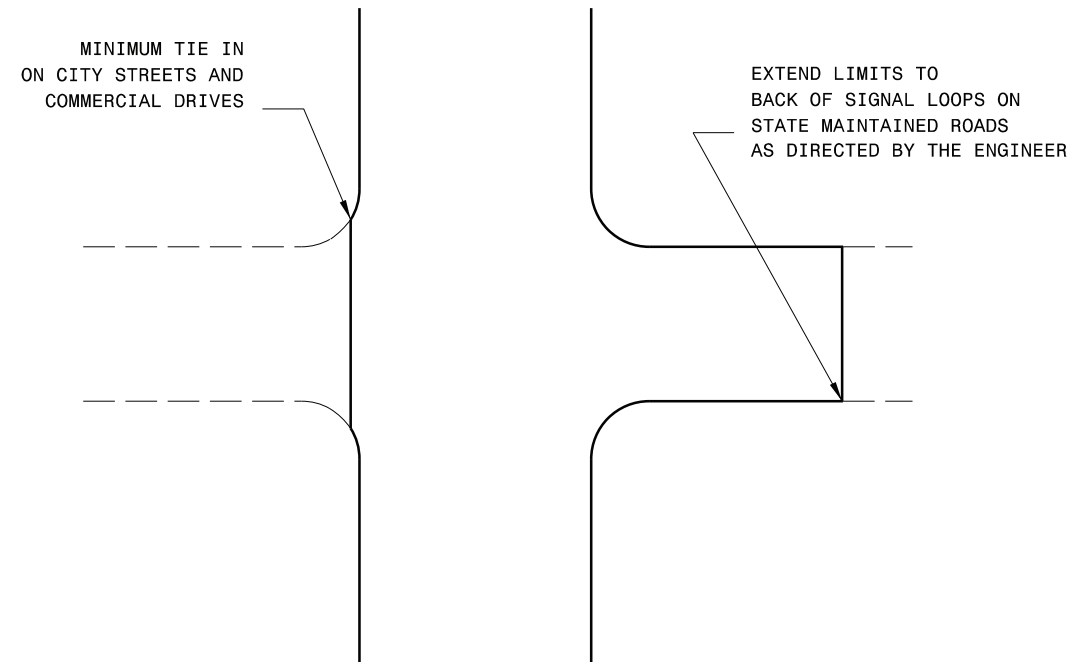
SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

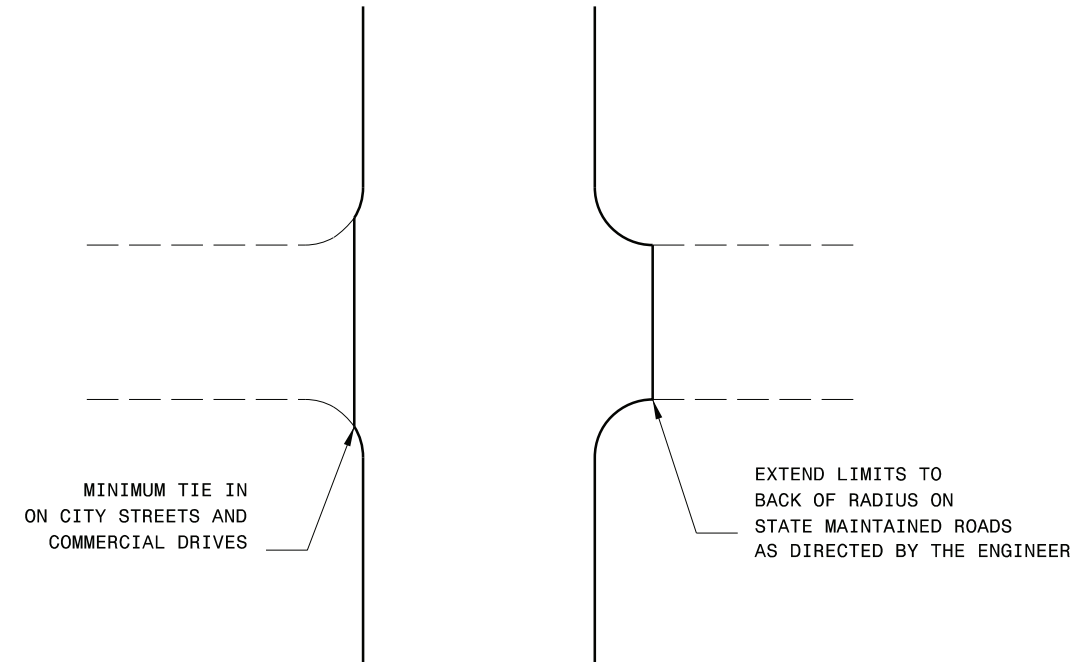
**CONTRACT STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE
DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11
MODIFIED BY: DATE: 10/16/12
CHECKED BY: DATE:
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

[illegible]