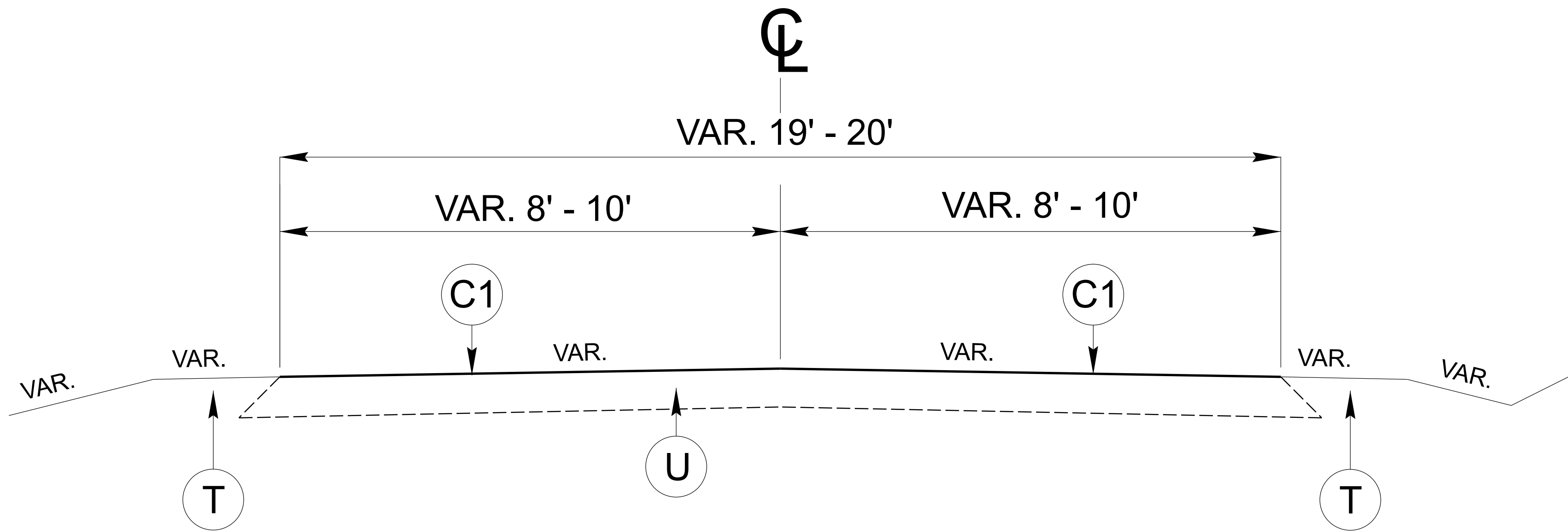


5/26/20

* "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

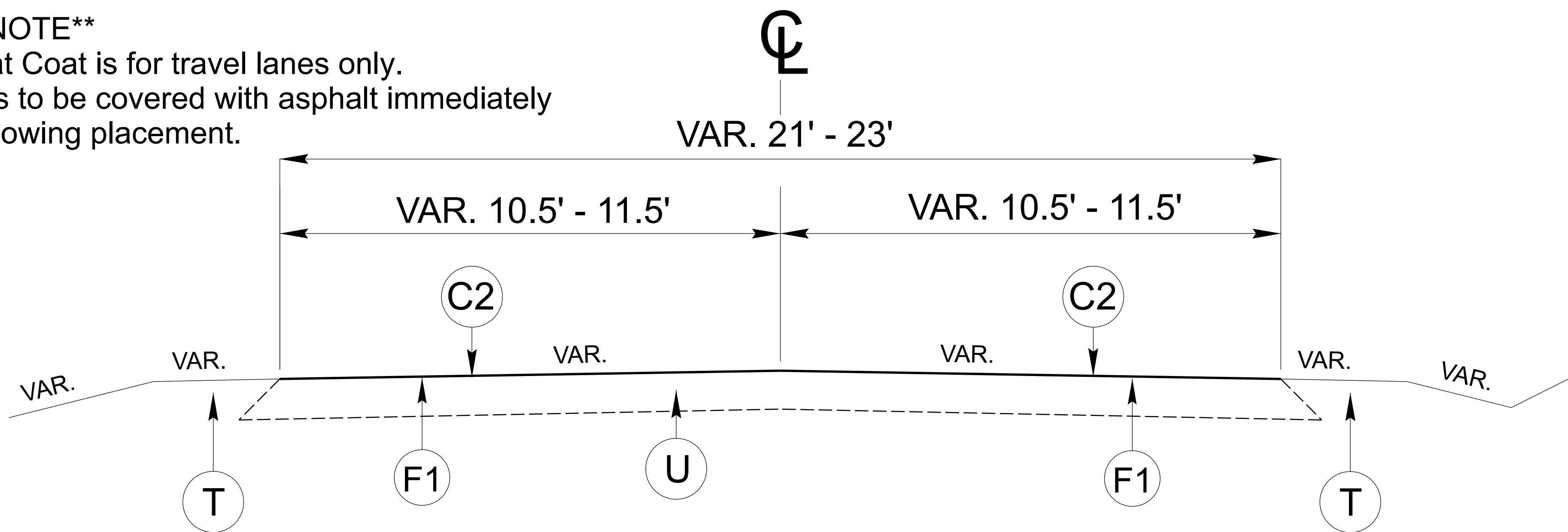
***MAP 2 - SR 1441 DELHART RD FROM NC 18 TO VA STATE LINE

***MAP 3 - SR 1453 LITTLE PINE RD FROM NC 18 TO SR 1448

***MAP 4 - SR 1448 LITTLE PINE RD FROM SR 1448 TO SR 1453

****NOTE****

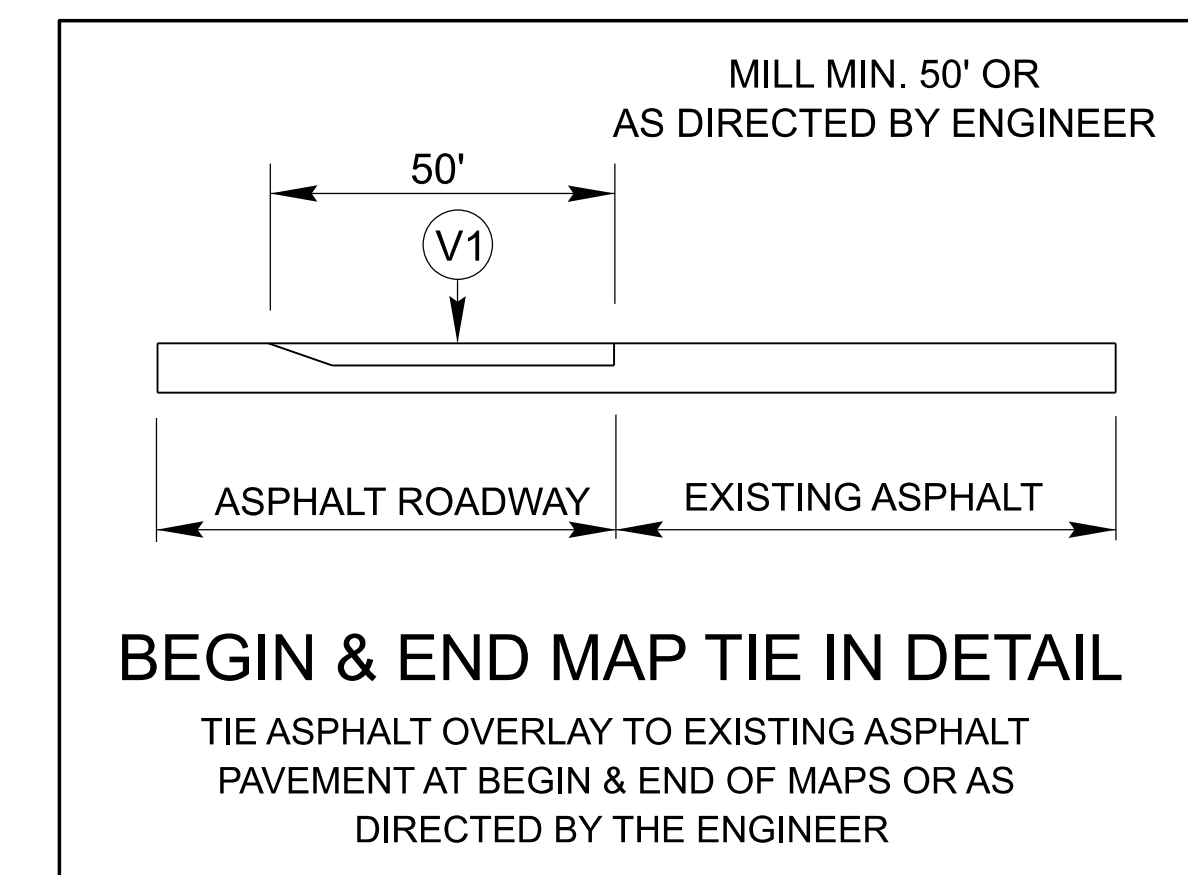
Mat Coat is for travel lanes only. It is to be covered with asphalt immediately following placement.



TYPICAL SECTION NO. 2

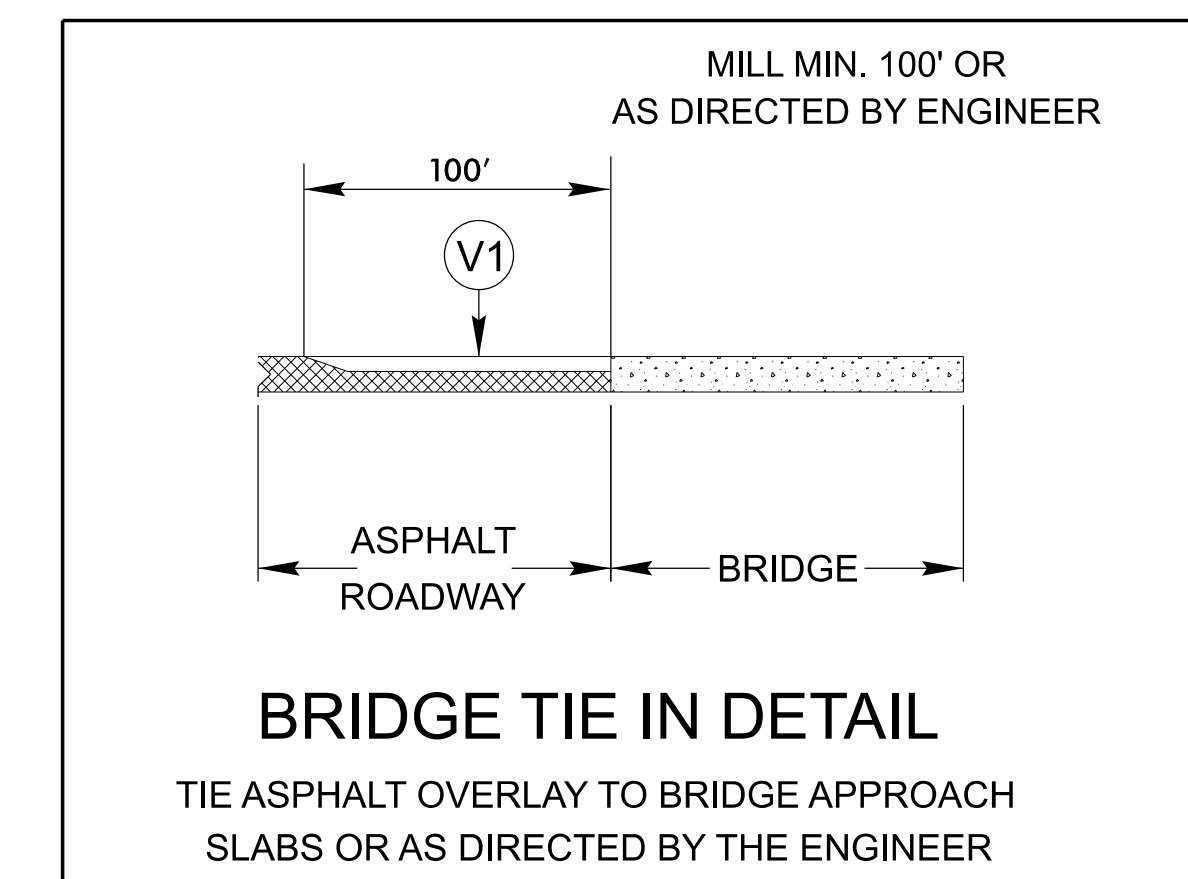
MAP 1 - NC 18 FROM BLUE RIDGE PARKWAY TO NC 113

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MAT COAT WITH NO.78M STONE
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING (See Tie in Detail)



BEGIN & END MAP TIE IN DETAIL

TIE ASPHALT OVERLAY TO EXISTING ASPHALT PAVEMENT AT BEGIN & END OF MAPS OR AS DIRECTED BY THE ENGINEER



BRIDGE TIE IN DETAIL

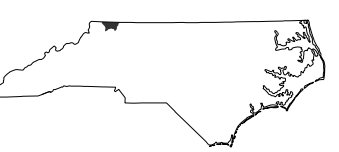
TIE ASPHALT OVERLAY TO BRIDGE APPROACH SLABS OR AS DIRECTED BY THE ENGINEER

NOTE: TYPICALS ARE NOT TO SCALE

DK00449

001

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

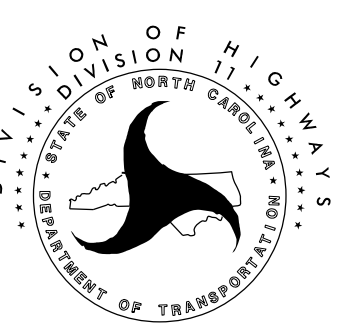


DIVISION ELEVEN

ALLEGHANY COUNTY

PRIMARY
AND
SECONDARY
ROADS

2026
ASPHALT
RESURFACING



DATE: 10/22/2025
PREPARED BY: DLH

REVISIONS

DK00449 2026 RESURFACING ALLEGHANY COUNTY PRIMARY AND SECONDARY																				PROJECT NO.	SHEET NO.	
																				DK00449	2	
SUMMARY OF QUANTITIES																						
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E	1245000000-E	1260000000-E	1330000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E
												INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MATCOAT, #78M STONE	EMULSION FOR ASPHALT SURFACE TREATMENT
								MI	FT			TONS	SMI	TON	SY	TONS	TONS	TONS	TONS	TONS	SY	GAL
2026CPT.11.05.10031	Alleghany	1	NC 18	FROM BLUE RIDGE PARKWAY TO NC 113		2	2WU	2.71	23	1.94	4.65	54	5.42	745	256			3,532	211	50	36,567	10,970
TOTAL FOR PROJ NO. 2026CPT.11.05.10031								2.71				54	5.42	745	256			3,532	211	50	36,567	10,970
2026CPT.11.05.20031	Alleghany	2	SR-1441 (DELHART RD)	FROM NC 18 TO VIRGINA STATE LINE		2	2WU	0.4	19	0	0.4	8	0.80	110	106	353	212		37			
2026CPT.11.05.20031	Alleghany	3	SR-1453 (LITTLE PINE RD)	FROM NC 18 TO SR 1448		2	2WU	1.45	20	0	1.45	29	2.90	399	111	1,345	807		140			
2026CPT.11.05.20031	Alleghany	4	SR-1448 (LITTLE PINE RD)	FROM SR 1448 TO SR 1453		2	2WU	0.82	19	0	0.82	16	1.64	226	106	723	434		75			
TOTAL FOR PROJ NO. 2026CPT.11.05.20031								2.67				53	5.34	735	323	2,421	1,453		252			
GRAND TOTAL								5.38				107	10.76	1,480	579	2,421	1,453	3,532	463	50	36,567	10,970

[Mile Post Map](#)

DK00449 2026 RESURFACING ALLEGHANY COUNTY PRIMARY AND SECONDARY													PROJECT NO.	SHEET NO.
THERMOPLASTIC AND PAINT QUANTITIES													DK00449	3
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4890000000-E	4892000000-N
								MI	FT			WORK ZONE ADVANCE/GENERAL WARNING SIGNING	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES 4", 65 MIL	POLYCARBONATE H-SHAPED MARKERS
								SF	LF	EA				
2026CPT.11.05.10031	Alleghany	1	NC 18	FROM BLUE RIDGE PARKWAY TO NC 113		2	2WU	2.71	23	1.94	4.65	225	57,235	179
TOTAL FOR PROJ NO. 2026CPT.11.05.10031								2.71				225	57,235	179.000
2026CPT.11.05.20031	Alleghany	2	SR-1441 (DELHART RD)	FROM NC 18 TO VIRGINA STATE LINE		2	2WU	0.4	19	0	0.4	112	8,448	
2026CPT.11.05.20031	Alleghany	3	SR-1453 (LITTLE PINE RD)	FROM NC 18 TO SR 1448		2	2WU	1.45	20	0	1.45	112	30,624	
2026CPT.11.05.20031	Alleghany	4	SR-1448 (LITTLE PINE RD)	FROM SR 1448 TO SR 1453		2	2WU	0.82	19	0	0.82	110	17,318	
TOTAL FOR PROJ NO. 2026CPT.11.05.20031								2.67				334	56,390	
GRAND TOTAL								5.38				559	113,625	179.000

[Mile Post Map](#)

Alleghany County DK00449 Alleghany CR 2026 Map # 1

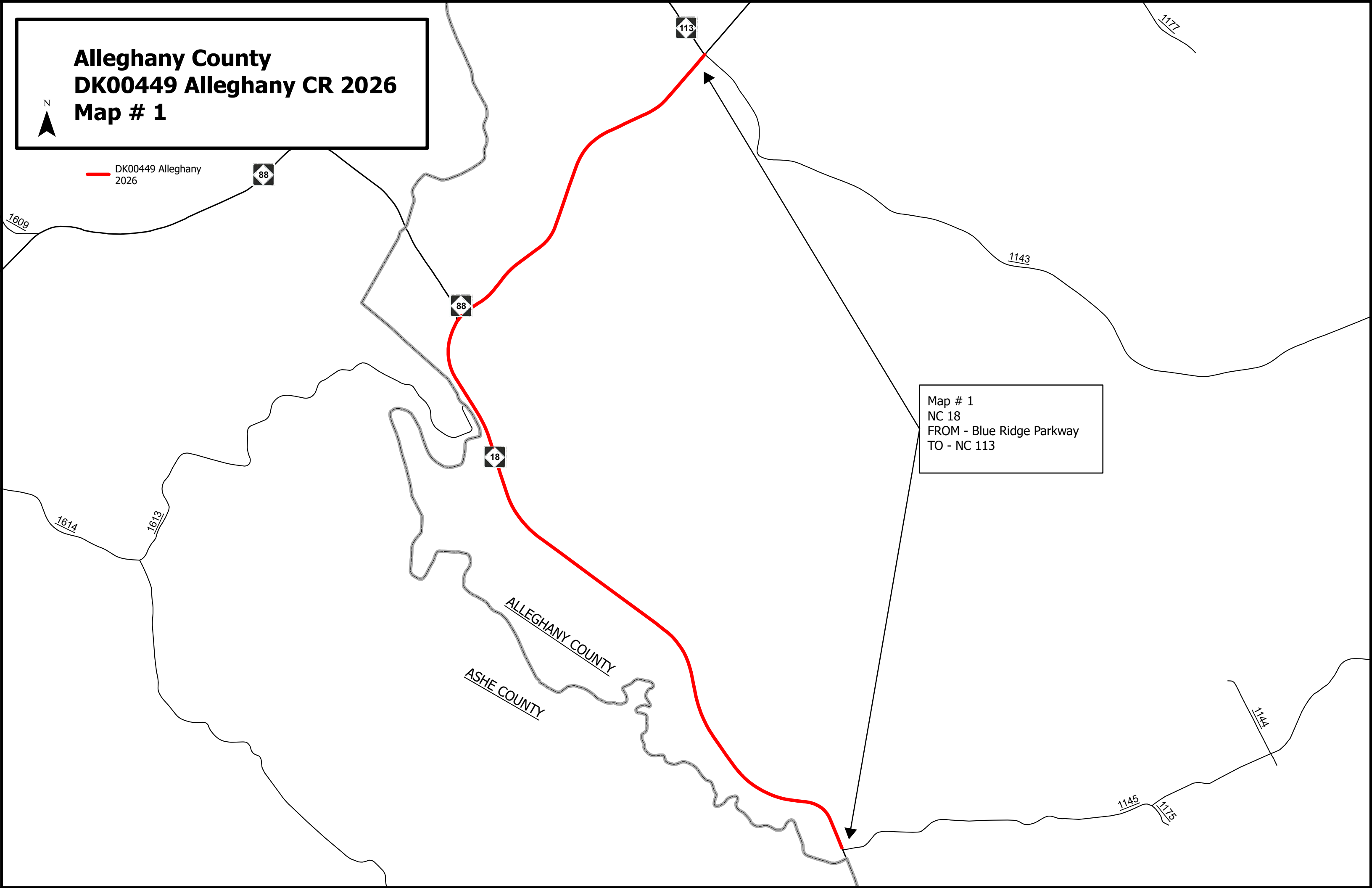


DK00449 Alleghany
2026



Map # 1
NC 18
FROM - Blue Ridge Parkway
TO - NC 113

ALLEGHANY COUNTY
ASHE COUNTY



VIRGINIA

ALLEGHANY COUNTY

**Alleghany County
DK00449 Alleghany CR 2026
Map # 2, 3, and 4**

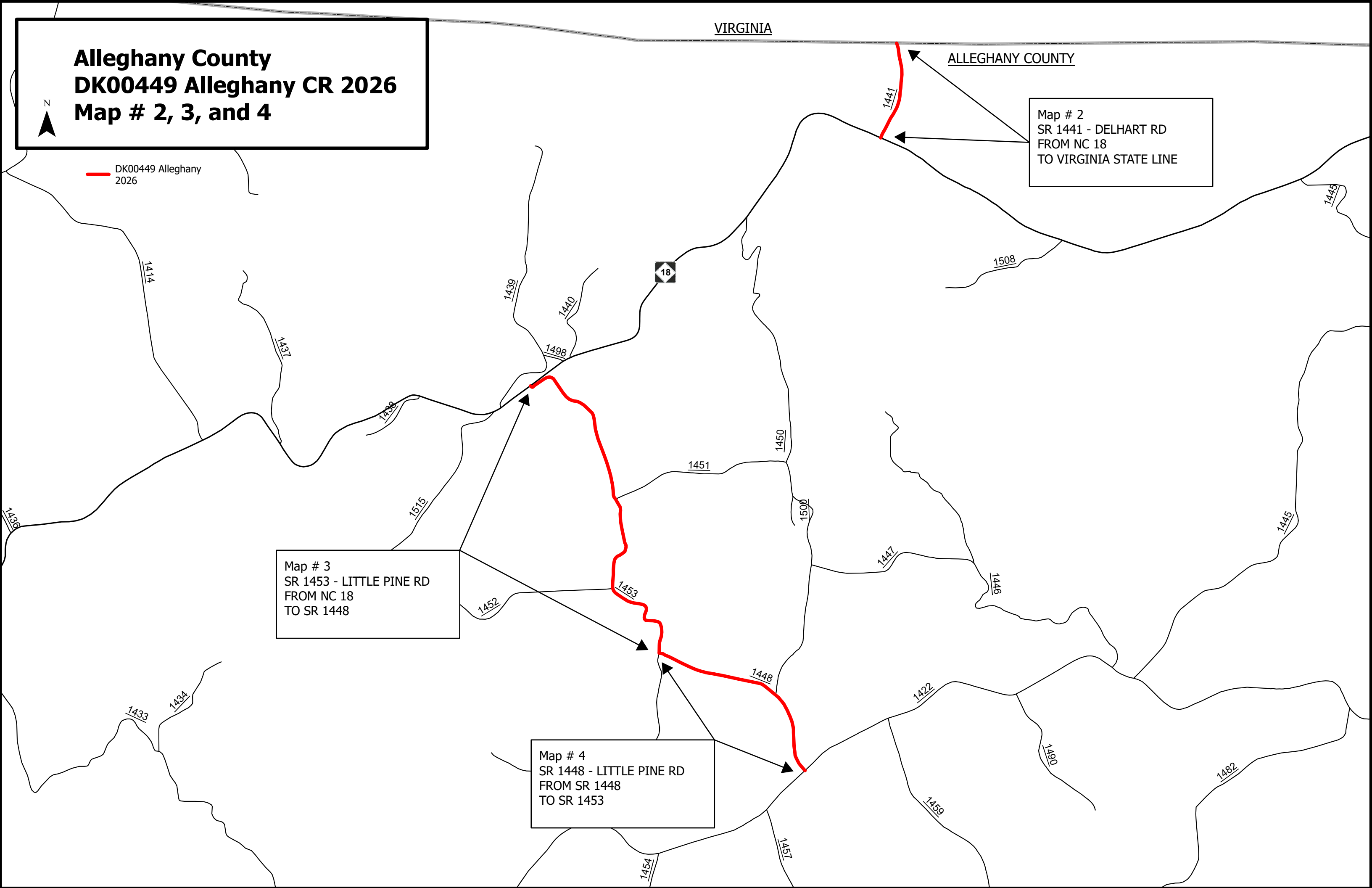


Map # 2
SR 1441 - DELHART RD
FROM NC 18
TO VIRGINIA STATE LINE

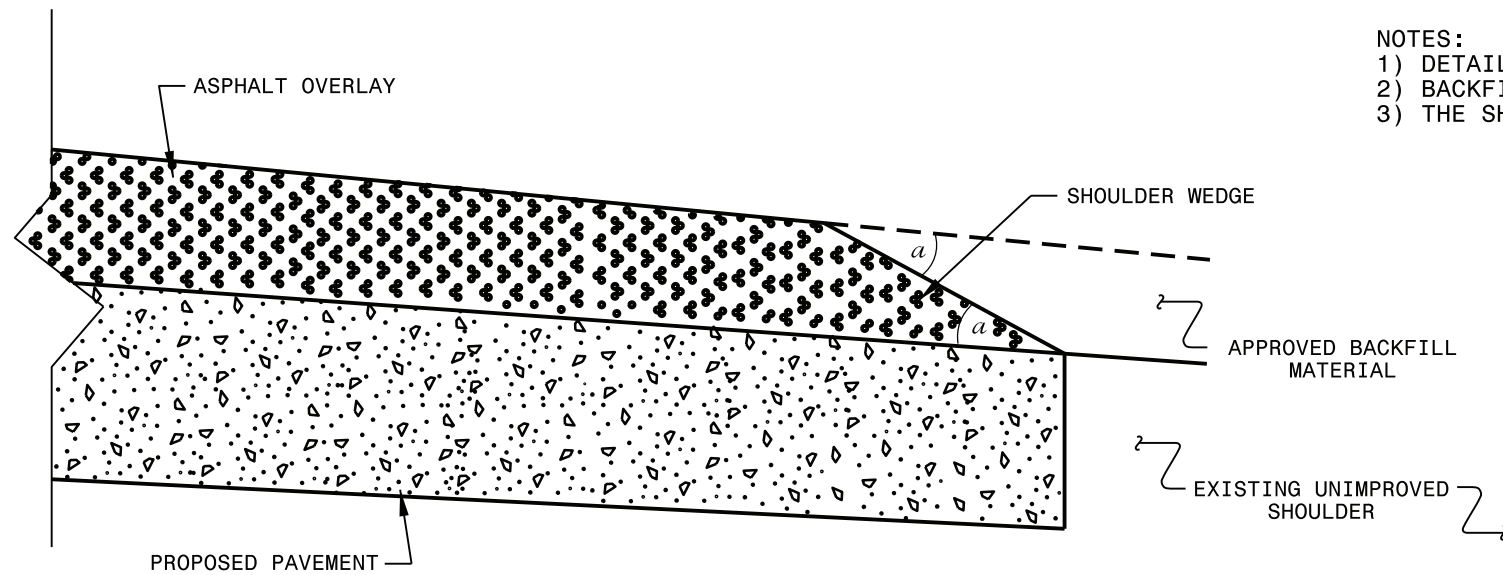
DK00449 Alleghany
2026

Map # 3
SR 1453 - LITTLE PINE RD
FROM NC 18
TO SR 1448

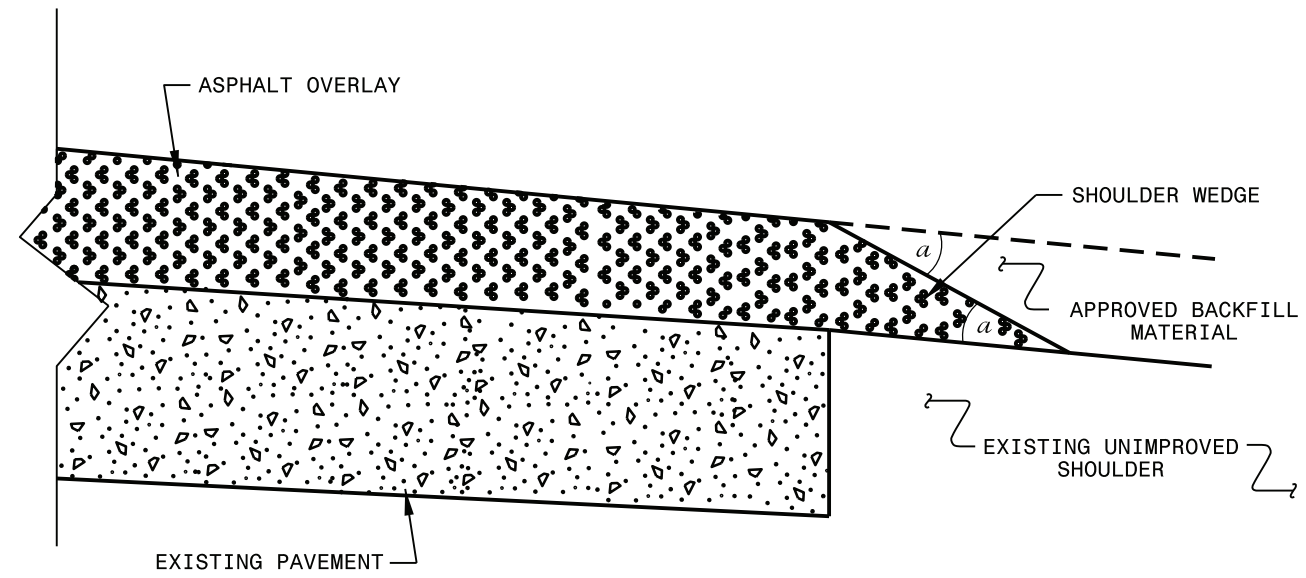
Map # 4
SR 1448 - LITTLE PINE RD
FROM SR 1448
TO SR 1453



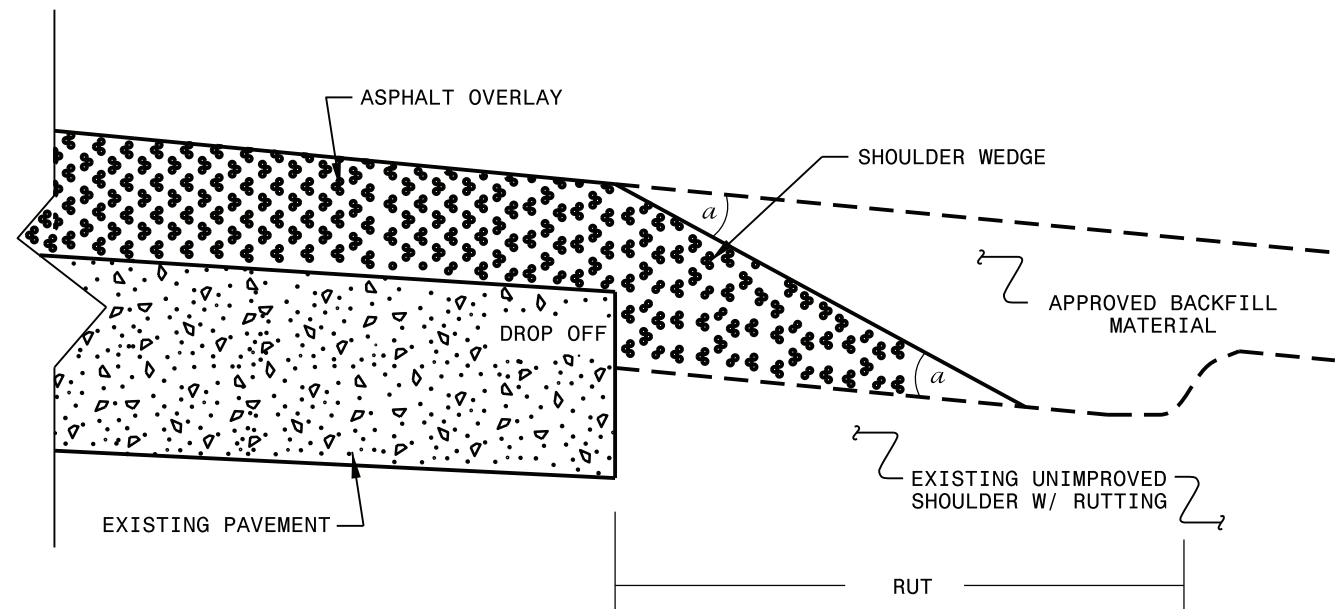
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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)

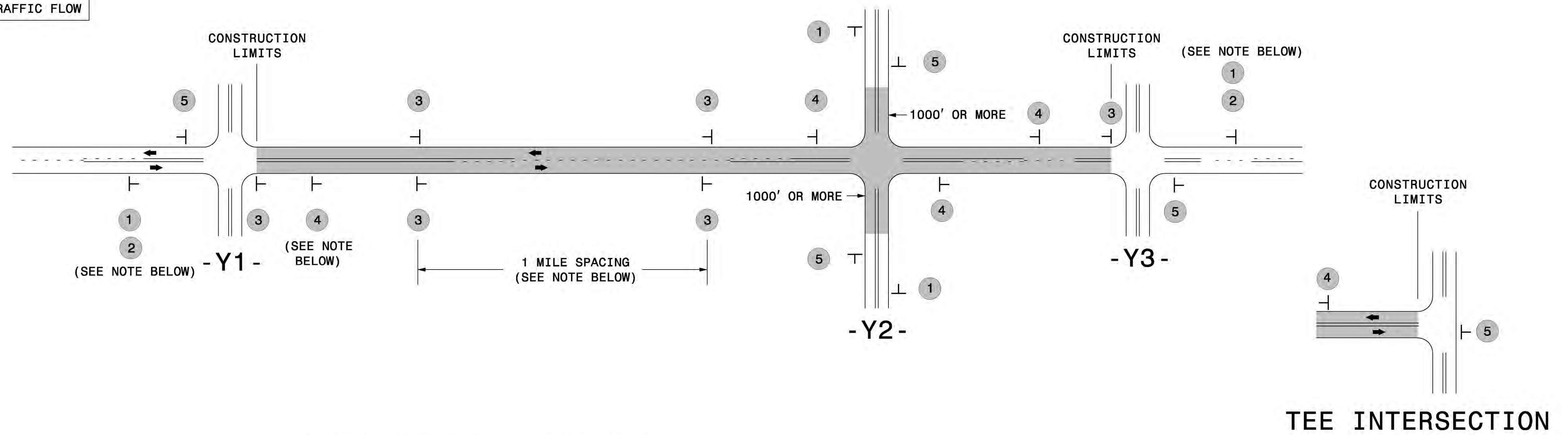
- SHOULDER WEDGE ANGLE = 30°

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.: susr/details/stand/shoulderwedgedetail.dgn	

SYSTEMS DESIGN
 USER NAME

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

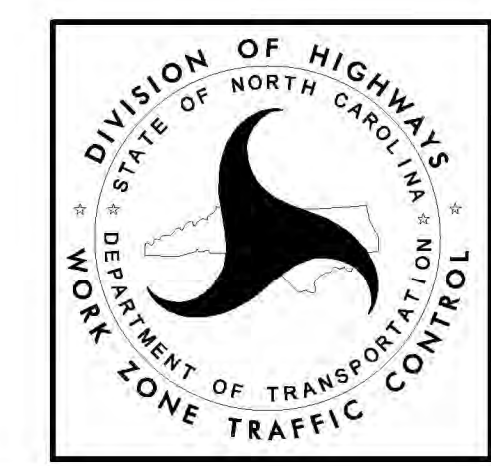
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#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		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - 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		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.



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

5/15/2017 5:11:10 PM \\NCDOT\resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn User:keads

