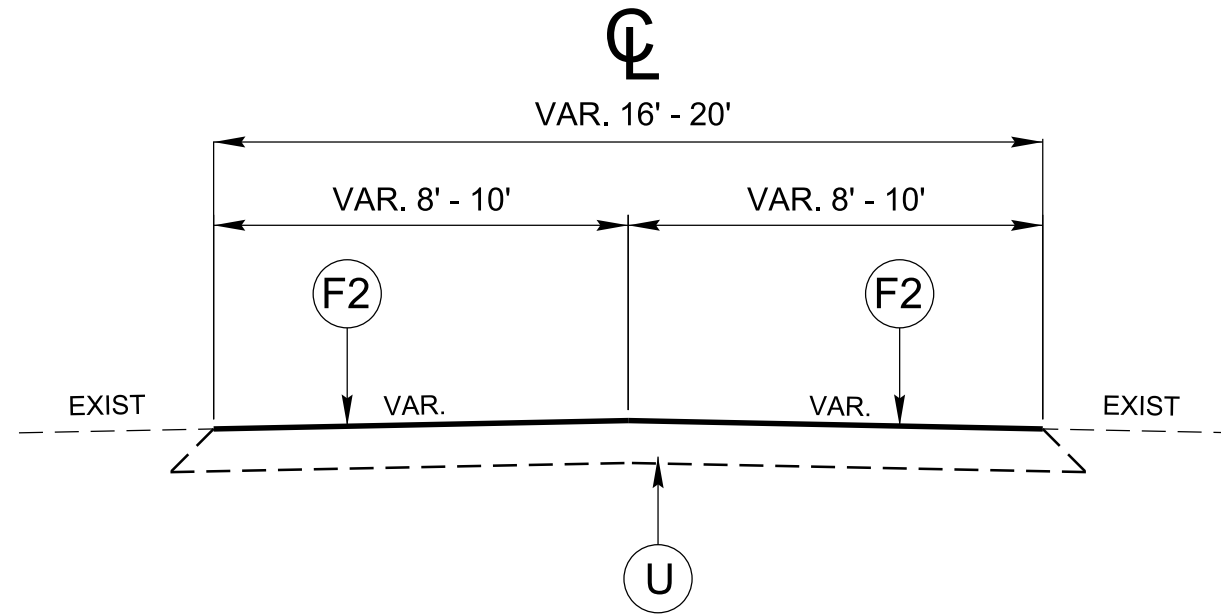
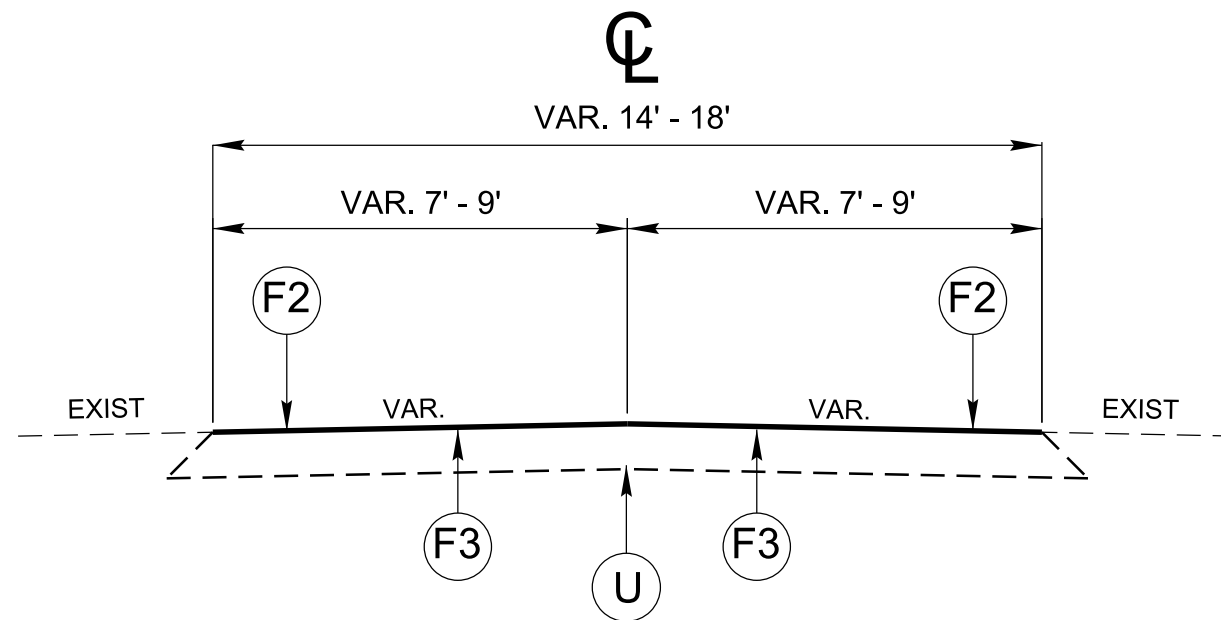


8/17/99

** SURFACE PREP, SUCH AS "CRACK SEALING, PATCHING, LEVELING OF EXISTING PAVMENT, ETC." IS TO BE PERFORMED BY OTHERS PRIOR TO BEGINNING ASPHALT SURFACE TREATMENT OPERATIONS.



TYPICAL SECTION NO. 1
 MAPS # 1-3, 5, 7-9, 11-18, 21-25, 27, & 29-30



TYPICAL SECTION NO. 2
 MAPS # 4, 6, & 26

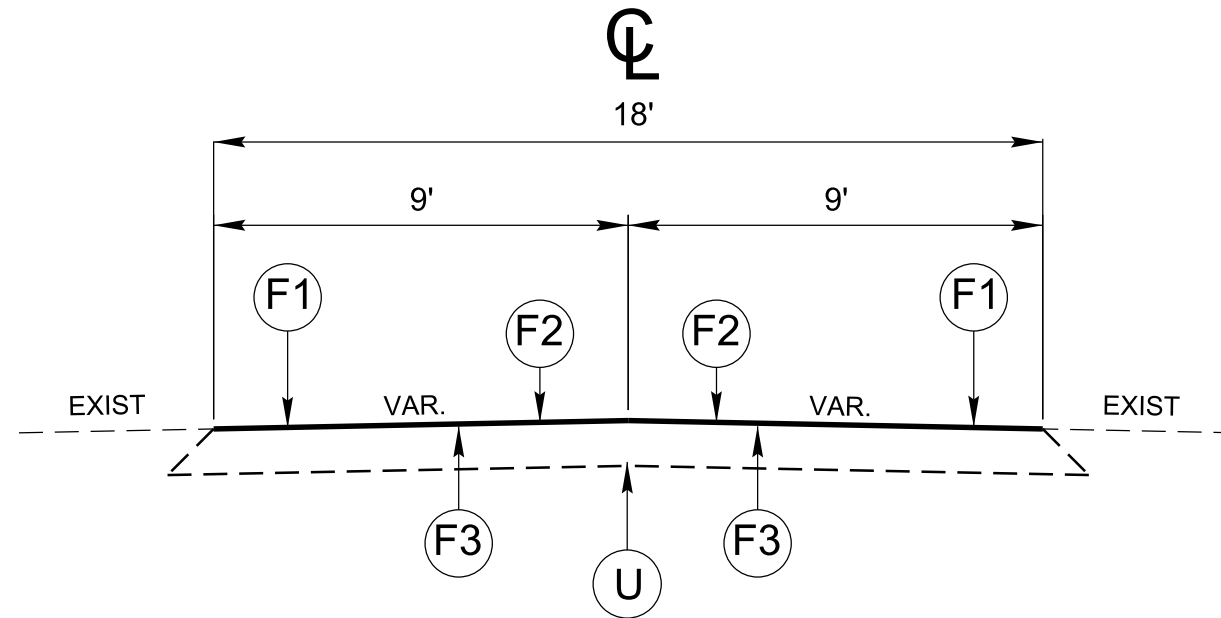
PAVEMENT SCHEDULE	
F1	ASPHALT SURFACE TREATMENT, FOG SEAL
F2	ASPHALT SURFACE TREATMENT, TRIPLE SEAL WITH NO.78M STONE
F3	ASPHALT SURFACE TREATMENT, MAT COAT WITH NO.67M STONE
U	EXISTING PAVEMENT

NOTE: TYPICALS ARE NOT TO SCALE

DIVISION 11 DISTRICT 2 COUNTIES ASPHALT SURFACE TREATMENT 2024 RESURFACING																					
<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS		INIT.	DATE										<table border="1"> <tr> <td>SCALE: N/A</td> <td>DATE: 01/11/2024</td> </tr> <tr> <td>PREPARED BY: DLH</td> <td> </td> </tr> <tr> <td>REVIEWED BY: </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SCALE: N/A	DATE: 01/11/2024	PREPARED BY: DLH		REVIEWED BY:		
REVISIONS	INIT.	DATE																			
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PREPARED BY: DLH																					
REVIEWED BY:																					
N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN																					

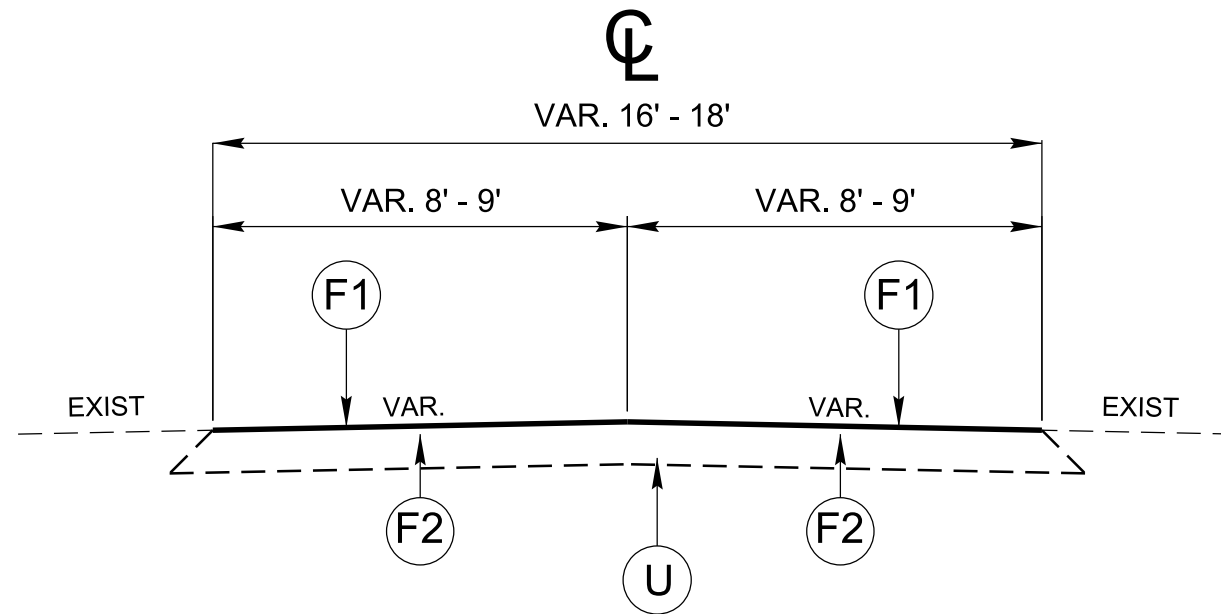
8/17/99

** SURFACE PREP, SUCH AS "CRACK SEALING, PATCHING, LEVELING OF EXISTING PAVMENT, ETC." IS TO BE PERFORMED BY OTHERS PRIOR TO BEGINNING ASPHALT SURFACE TREATMENT OPERATIONS.



TYPICAL SECTION NO. 3*
MAP # 28

*NOTE: Construct with one bottom layer of Mat Coat, three middle layers of Triple Seal, & one top layer of Fog Seal.



TYPICAL SECTION NO. 4
MAPS # 10, & 19-20

PAVEMENT SCHEDULE	
F1	ASPHALT SURFACE TREATMENT, FOG SEAL
F2	ASPHALT SURFACE TREATMENT, TRIPLE SEAL WITH NO.78M STONE
F3	ASPHALT SURFACE TREATMENT, MAT COAT WITH NO.67M STONE
U	EXISTING PAVEMENT

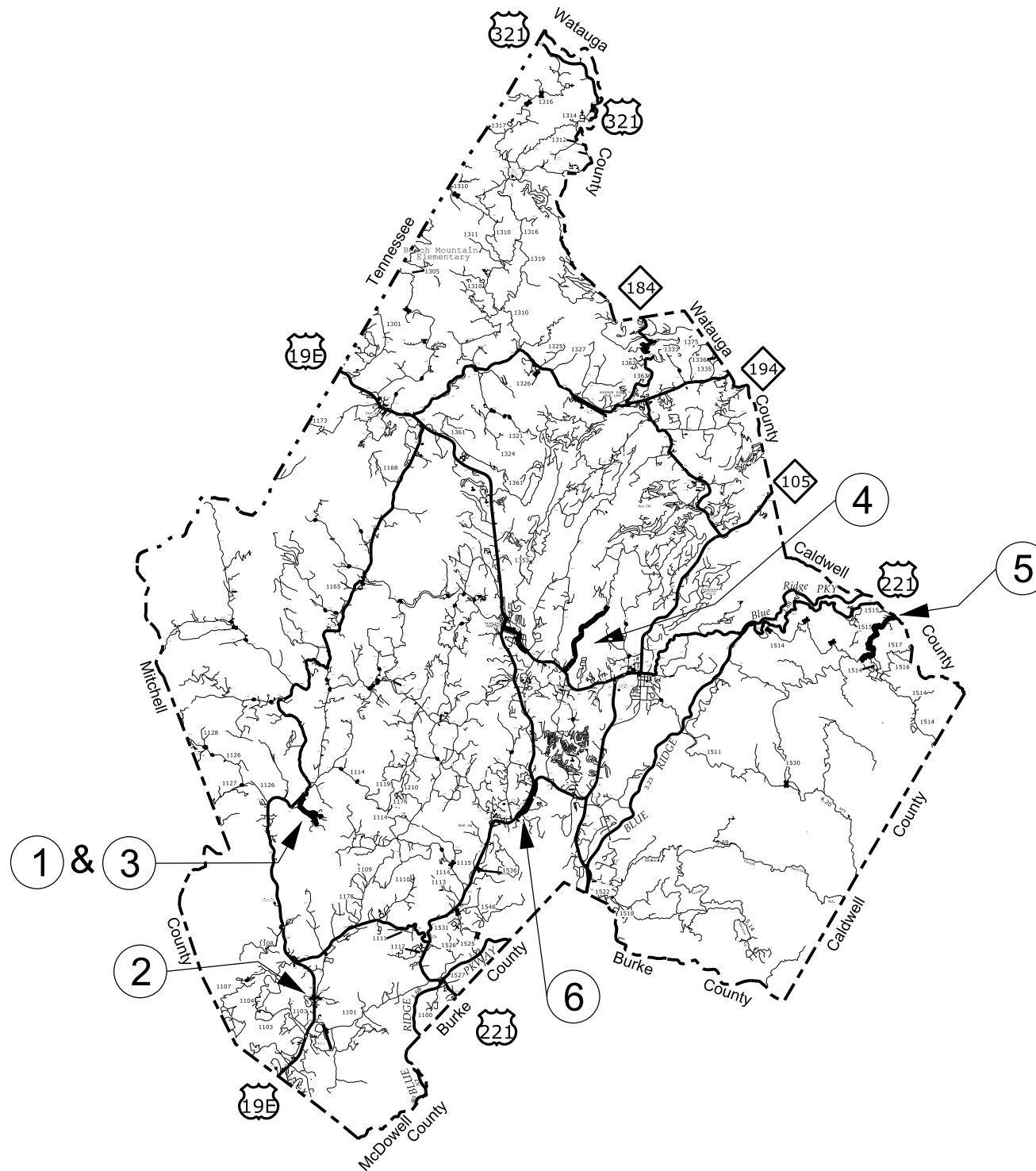
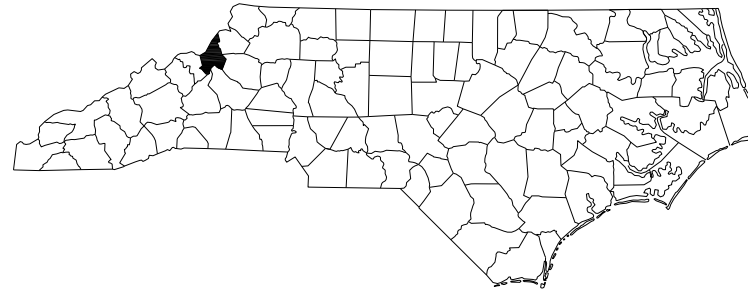
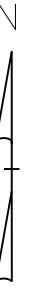
NOTE: TYPICALS ARE NOT TO SCALE

DIVISION 11 DISTRICT 2 COUNTIES ASPHALT SURFACE TREATMENT 2024 RESURFACING			
REVISIONS	INIT.	DATE	
N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN			SCALE: N/A DATE: 01/11/2024 PREPARED BY: DLH REVIEWED BY: REVIEWED BY:

AVERY COUNTY

TYPE OF WORK: AST - SECONDARY ROUTES
MAPS # 1 THRU # 6

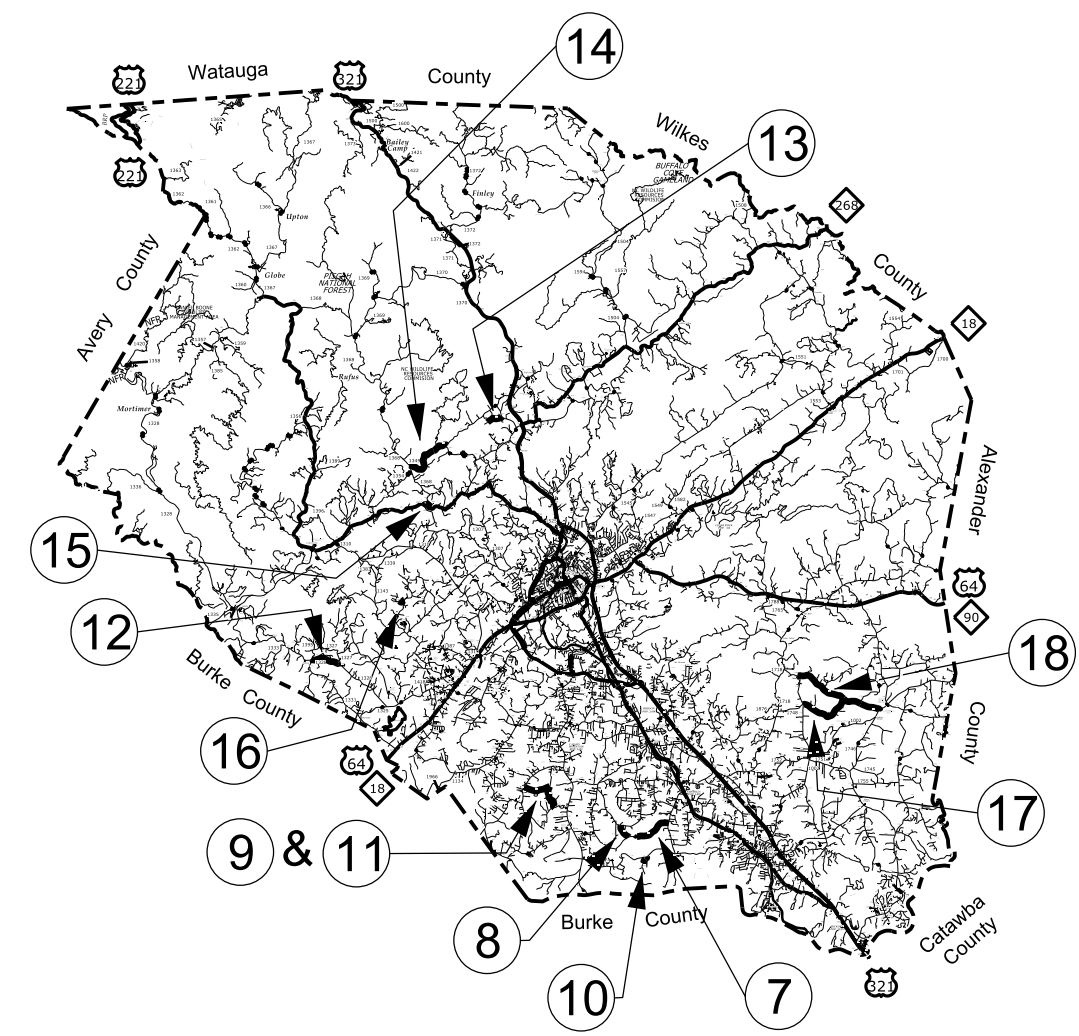
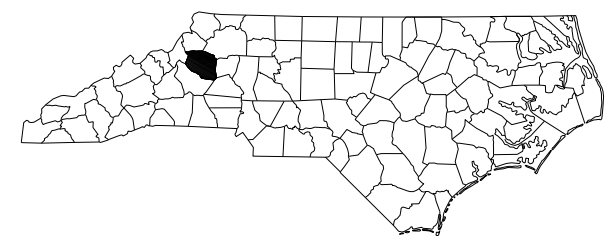
2024



CALDWELL COUNTY

TYPE OF WORK: AST - SECONDARY ROUTES
MAPS # 7 THRU # 18

2024

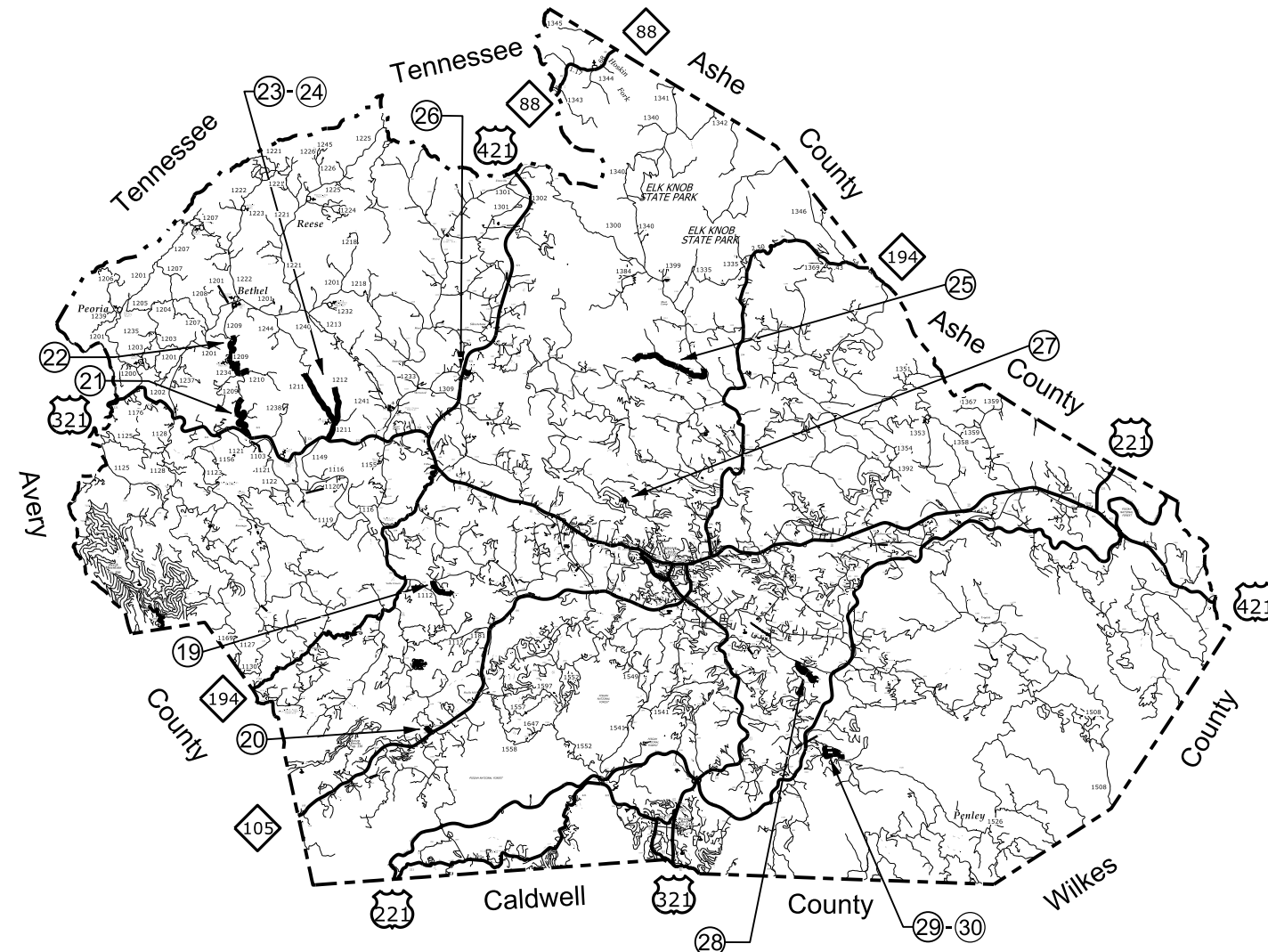
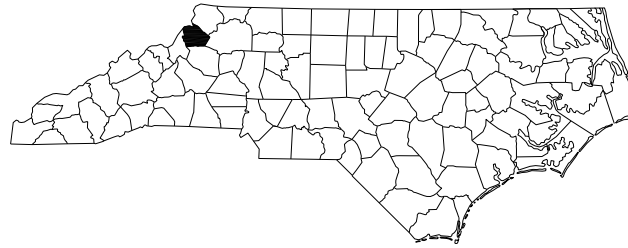
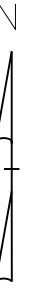


8/17/99

WATAUGA COUNTY

TYPE OF WORK: AST - SECONDARY ROUTES
MAPS # 19 THRU # 30

2024



PROJECT NO.	SHEET NO.
DK00375	6

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BEGIN MP	END MP	1775500000-E	1820000000-E	1836000000-E	1838000000-E
														ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE	ASPHALT SURFACE TREATMENT, FOG SEAL	ASPHALT SURFACE TREATMENT, TRIPLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT
														SY	SY	SY	GAL
2024CPT.11.22.20062	Avery	1	SR-1123 / PANCAKE RD	FROM US 19E TO EOM	1	2	2WU	NO	NO	0.99	18	0	0.99			11,500	8,165
2024CPT.11.22.20062	Avery	2	SR-1190 / WEATHERMAN RD	FROM US 19E TO END MAINTENANCE	1	2	2WU	NO	NO	0.1	18	0	0.1			1,162	825
2024CPT.11.22.20062	Avery	3	SR-1204 / TEEN VALLEY RANCH RD	FROM SR 1123 TO EOM	1	2	2WU	NO	NO	0.39	16	0	0.39			4,027	2,860
2024CPT.11.22.20062	Avery	4	SR-1348 / SUGAR MOUNTAIN NO 2	FROM NC 181 TO EOP	2	2	2WU	NO	NO	2.01	18	0	2.01	23,348		23,348	25,916
2024CPT.11.22.20062	Avery	5	SR-1515 / PILOT RIDGE RD	FROM SR 1514 TO EOP	1	2	2WU	NO	NO	2.6	18	0	2.6			30,201	21,442
2024CPT.11.22.20062	Avery	6	SR-1524 / TENNANT RD	FROM US 221 TO US 221	2	2	2WU	NO	NO	1.02	14	0	1.02	9,215		9,215	10,229
TOTAL FOR PROJ NO. 2024CPT.11.22.20062										7.11				32,563		79,453	69,437
2024CPT.11.22.20142	Caldwell	7	SR-1123 / MAY RD	FROM SR 1122 TO SR 1126	1	2	2WU	NO	NO	1.36	20	0	1.36			17,553	12,460
2024CPT.11.22.20142	Caldwell	8	SR-1126 / TROY RD	FROM SR 1127 TO SR 1123	1	2	2WU	NO	NO	0.44	18	0	0.44			5,111	3,628
2024CPT.11.22.20142	Caldwell	9	SR-1135 / MOUNTAIN VIEW CIR/MIDAS BOLICK RD	FROM SR 1134 TO SR 1136	1	2	2WU	NO	NO	1.38	20	0	1.38			17,811	12,645
2024CPT.11.22.20142	Caldwell	10	SR-1205 / CANNON DR	FROM SR 1115 TO EOM	4	2	2WU	NO	NO	0.25	18	0	0.25		2,904	2,904	206
2024CPT.11.22.20142	Caldwell	11	SR-1219 / MOUNTAIN VIEW CIR	FROM SR 1135 TO SR 1134	1	2	2WU	NO	NO	0.81	20	0	0.81			10,454	7,422
2024CPT.11.22.20142	Caldwell	12	SR-1328 / RALPH WINCHESTER RD/CELIA CREEK RD	FROM SR 1327 TO SR 1327	1	2	2WU	NO	NO	0.91	20	12.33	13.24			12,003	8,522
2024CPT.11.22.20142	Caldwell	13	SR-1348 / HILLWOOD DR	FROM SR 1347 TO EOM	1	2	2WU	NO	NO	0.43	20	0	0.43			5,550	3,940
2024CPT.11.22.20142	Caldwell	14	SR-1349 / ROBY MARTIN RD	FROM SR 1368 TO SR 1350	1	2	2WU	NO	NO	1.72	20	0	1.72			22,199	15,761
2024CPT.11.22.20142	Caldwell	15	SR-1397 / RACHEL PL	FROM NC 90 TO EOM	1	2	2WU	NO	NO	0.2	18	0	0.2			2,323	1,650
2024CPT.11.22.20142	Caldwell	16	SR-1400 / HOODS PL	FROM BEG PAVEMETN TO SR 1317	1	2	2WU	NO	NO	0.15	18	0.04	0.19			1,742	1,236
2024CPT.11.22.20142	Caldwell	17	SR-1748 / TEMPLE HILL CHURCH RD	FROM SR 1749 TO SR 1751	1	2	2WU	NO	NO	1.58	20	0	1.58			20,393	14,479
2024CPT.11.22.20142	Caldwell	18	SR-1749 / BURNS RD	FROM SR 1718 TO SR 1002	1	2	2WU	NO	NO	3.25	19	0	3.25			39,849	28,292
TOTAL FOR PROJ NO. 2024CPT.11.22.20142										12.48					2,904	157,892	110,241
2024CPT.11.22.20952	Watauga	19	SR-1160 / OLD HARTLEY RD	FROM SR 1114 TO EOM	4	2	2WU	NO	NO	0.6	16	0	0.6		6,195	6,195	4,398
2024CPT.11.22.20952	Watauga	20	SR-1168 / TAYLOR RD	FROM NC 105 TO END MAINTENANCE	4	2	2WU	NO	NO	0.19	16	0	0.19		1,962	1,962	1,393
2024CPT.11.22.20952	Watauga	21	SR-1209 / RUSH BRANCH RD	FROM US 321 TO MP 1.29	1	2	2WU	NO	NO	1.29	18	0	1.29			14,985	10,640
2024CPT.11.22.20952	Watauga	22	SR-1209 / RUSH BRANCH RD	FROM SR 1210 TO MP 3.71	1	2	2WU	NO	NO	1.52	18	2.19	3.71			17,656	12,535
2024CPT.11.22.20952	Watauga	23	SR-1211 / PHILLIPS BRANCH RD	BEGIN PAVEMENT TO US 321	1	2	2WU	NO	NO	1.66	16	2.17	3.83			17,037	12,096
2024CPT.11.22.20952	Watauga	24	SR-1212 / CLARK SWIFT RD	FROM SR 1211 TO EOM	1	2	2WU	NO	NO	0.81	16	0	0.81			8,364	5,938
2024CPT.11.22.20952	Watauga	25	SR-1337 / BALL BRANCH RD	FROM SR 1335 TO EOM	1	2	2WU	NO	NO	1.73	16	0	1.73			17,863	12,683
2024CPT.11.22.20952	Watauga	26	SR-1368 / BURL LAWRENCE RD	FROM US 421 TO EOM	2	2	2WU	NO	NO	0.2	18	0	0.2	2,323		2,323	2,578
2024CPT.11.22.20952	Watauga	27	SR-1400 / FIRE TOWER RD	FROM SR 1102 TO EOM	1	2	2WU	NO	NO	0.13	16	0	0.13	1,342		1,342	1,489
2024CPT.11.22.20952	Watauga	28	SR-1608 / TEABERRY HILLS RD	FROM SR 1524 TO END OF PAVEMENT	3	2	2WU	NO	NO	0.93	18	0	0.93	10,803	10,803	10,803	11,991
2024CPT.11.22.20952	Watauga	29	SR-1658 / GROUSE RUN RD	FROM SR 1526 TO SR 1659	1	2	2WU	NO	NO	0.37	18	0	0.37		4,298	4,298	3,052
2024CPT.11.22.20952	Watauga	30	SR-1659 / OAK RIDGE DR	FROM SR 1658 TO EOM	1	2	2WU	NO	NO	0.66	18	0	0.66		7,667	7,667	5,444
TOTAL FOR PROJ NO. 2024CPT.11.22.20952										10.09				14,468	30,925	110,495	84,237
GRAND TOTAL										29.68				47,031	33,829	347,840	263,915

Please Click or Scan QR Code for NCDOT Map with Mile Postings. This should be the only map used to locate routes.



<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=26d34349404844898365eabce2237775>

												PROJECT NO.		SHEET NO.	
												DK00375		7	
THERMOPLASTIC AND PAINT QUANTITIES															
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4810000000-E	4810000000-E	
								MI	FT			WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4" WHITE PAINT	4" YELLOW PAINT	
												SF	LF	LF	
2024CPT.11.22.20062	Avery	1	SR-1123 / PANCAKE RD	FROM US 19E TO EOM	1	2	2WU	0.99	18	0	0.99	129			
2024CPT.11.22.20062	Avery	2	SR-1190 / WEATHERMAN RD	FROM US 19E TO END MAINTENANCE	1	2	2WU	0.1	18	0	0.1	13			
2024CPT.11.22.20062	Avery	3	SR-1204 / TEEN VALLEY RANCH RD	FROM SR 1123 TO EOM	1	2	2WU	0.39	16	0	0.39	51			
2024CPT.11.22.20062	Avery	4	SR-1348 / SUGAR MOUNTAIN NO 2	FROM NC 181 TO EOP	2	2	2WU	2.01	18	0	2.01	261	43,255	43,255	
2024CPT.11.22.20062	Avery	5	SR-1515 / PILOT RIDGE RD	FROM SR 1514 TO EOP	1	2	2WU	2.6	18	0	2.6	338	55,952	55,952	
2024CPT.11.22.20062	Avery	6	SR-1524 / TENNANT RD	FROM US 221 TO US 221	2	2	2WU	1.02	14	0	1.02	133			
TOTAL FOR PROJ NO. 2024CPT.11.22.20062								7.11				925	99,207	99,207	
2024CPT.11.22.20142	Caldwell	7	SR-1123 / MAY RD	FROM SR 1122 TO SR 1126	1	2	2WU	1.36	20	0	1.36	177	29,267	29,267	
2024CPT.11.22.20142	Caldwell	8	SR-1126 / TROY RD	FROM SR 1127 TO SR 1123	1	2	2WU	0.44	18	0	0.44	57	9,469	9,469	
2024CPT.11.22.20142	Caldwell	9	SR-1135 / MOUNTAIN VIEW CIR/MIDAS BOLICK RD	FROM SR 1134 TO SR 1136	1	2	2WU	1.38	20	0	1.38	179	29,698	29,698	
2024CPT.11.22.20142	Caldwell	10	SR-1205 / CANNON DR	FROM SR 1115 TO EOM	4	2	2WU	0.25	18	0	0.25	33			
2024CPT.11.22.20142	Caldwell	11	SR-1219 / MOUNTAIN VIEW CIR	FROM SR 1135 TO SR 1134	1	2	2WU	0.81	20	0	0.81	105	17,431	17,431	
2024CPT.11.22.20142	Caldwell	12	SR-1328 / RALPH WINCHESTER RD/CELIA CREEK RD	FROM SR 1327 TO SR 1327	1	2	2WU	0.91	20	12.33	13.24	118	19,583	19,583	
2024CPT.11.22.20142	Caldwell	13	SR-1348 / HILLWOOD DR	FROM SR 1347 TO EOM	1	2	2WU	0.43	20	0	0.43	56			
2024CPT.11.22.20142	Caldwell	14	SR-1349 / ROBY MARTIN RD	FROM SR 1368 TO SR 1350	1	2	2WU	1.72	20	0	1.72	224	37,014	37,014	
2024CPT.11.22.20142	Caldwell	15	SR-1397 / RACHEL PL	FROM NC 90 TO EOM	1	2	2WU	0.2	18	0	0.2	26			
2024CPT.11.22.20142	Caldwell	16	SR-1400 / HOODS PL	FROM BEG PAVEMETN TO SR 1317	1	2	2WU	0.15	18	0.04	0.19	20			
2024CPT.11.22.20142	Caldwell	17	SR-1748 / TEMPLE HILL CHURCH RD	FROM SR 1749 TO SR 1751	1	2	2WU	1.58	20	0	1.58	205	34,002	34,002	
2024CPT.11.22.20142	Caldwell	18	SR-1749 / BURNS RD	FROM SR 1718 TO SR 1002	1	2	2WU	3.25	19	0	3.25	423	69,940	69,940	
TOTAL FOR PROJ NO. 2024CPT.11.22.20142								12.48				1,623	246,404	246,404	
2024CPT.11.22.20952	Watauga	19	SR-1160 / OLD HARTLEY RD	FROM SR 1114 TO EOM	4	2	2WU	0.6	16	0	0.6	78			
2024CPT.11.22.20952	Watauga	20	SR-1168 / TAYLOR RD	FROM NC 105 TO END MAINTENANCE	4	2	2WU	0.19	16	0	0.19	25			
2024CPT.11.22.20952	Watauga	21	SR-1209 / RUSH BRANCH RD	FROM US 321 TO MP 1.29	1	2	2WU	1.29	18	0	1.29	168	27,761	27,761	
2024CPT.11.22.20952	Watauga	22	SR-1209 / RUSH BRANCH RD	FROM SR 1210 TO MP 3.71	1	2	2WU	1.52	18	2.19	3.71	198	32,710	32,710	
2024CPT.11.22.20952	Watauga	23	SR-1211 / PHILLIPS BRANCH RD	BEGIN PAVEMENT TO US 321	1	2	2WU	1.66	16	2.17	3.83	216	35,723	35,723	
2024CPT.11.22.20952	Watauga	24	SR-1212 / CLARK SWIFT RD	FROM SR 1211 TO EOM	1	2	2WU	0.81	16	0	0.81	105			
2024CPT.11.22.20952	Watauga	25	SR-1337 / BALL BRANCH RD	FROM SR 1335 TO EOM	1	2	2WU	1.73	16	0	1.73	225	37,230	37,230	
2024CPT.11.22.20952	Watauga	26	SR-1368 / BURL LAWRENCE RD	FROM US 421 TO EOM	2	2	2WU	0.2	18	0	0.2	26			
2024CPT.11.22.20952	Watauga	27	SR-1400 / FIRE TOWER RD	FROM SR 1102 TO EOM	1	2	2WU	0.13	16	0	0.13	17			
2024CPT.11.22.20952	Watauga	28	SR-1608 / TEABERRY HILLS RD	FROM SR 1524 TO END OF PAVEMENT	3	2	2WU	0.93	18	0	0.93	121	20,014	20,014	
2024CPT.11.22.20952	Watauga	29	SR-1658 / GROUSE RUN RD	FROM SR 1526 TO SR 1659	1	2	2WU	0.37	18	0	0.37	48	7,962	7,962	
2024CPT.11.22.20952	Watauga	30	SR-1659 / OAK RIDGE DR	FROM SR 1658 TO EOM	1	2	2WU	0.66	18	0	0.66	86	14,203	14,203	
TOTAL FOR PROJ NO. 2024CPT.11.22.20952								10.09				1,313	175,603	175,603	
GRAND TOTAL								29.68				3,861	521,214	521,214	

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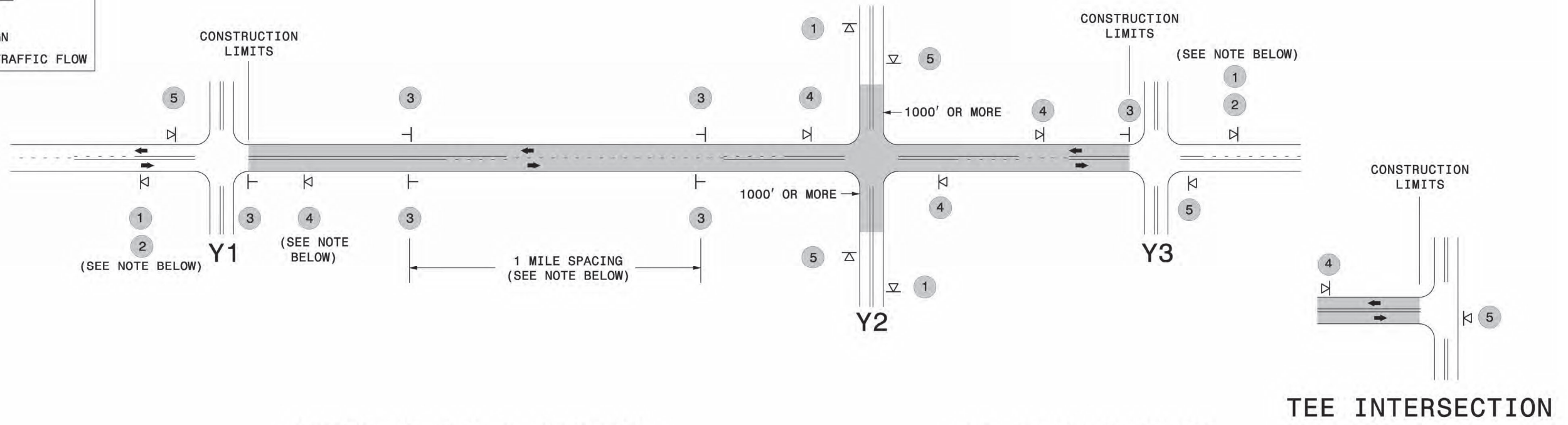


<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=26d34349404844898365eabce2237775>

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- PORTABLE SIGN
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW



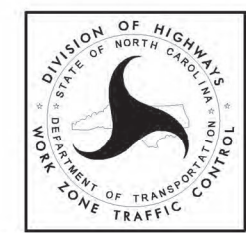
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 	<ul style="list-style-type: none"> - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. - SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS. 	<p>STATIONARY SIGNING NOT REQUIRED 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; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	3	 	<ul style="list-style-type: none"> - ALTERNATE THE FOLLOWING TWO SIGNS: - STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT". - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 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. 	
	5		<ul style="list-style-type: none"> PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION. 	
	<p>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.</p>			

MAPS LESS THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.



**ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT**

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