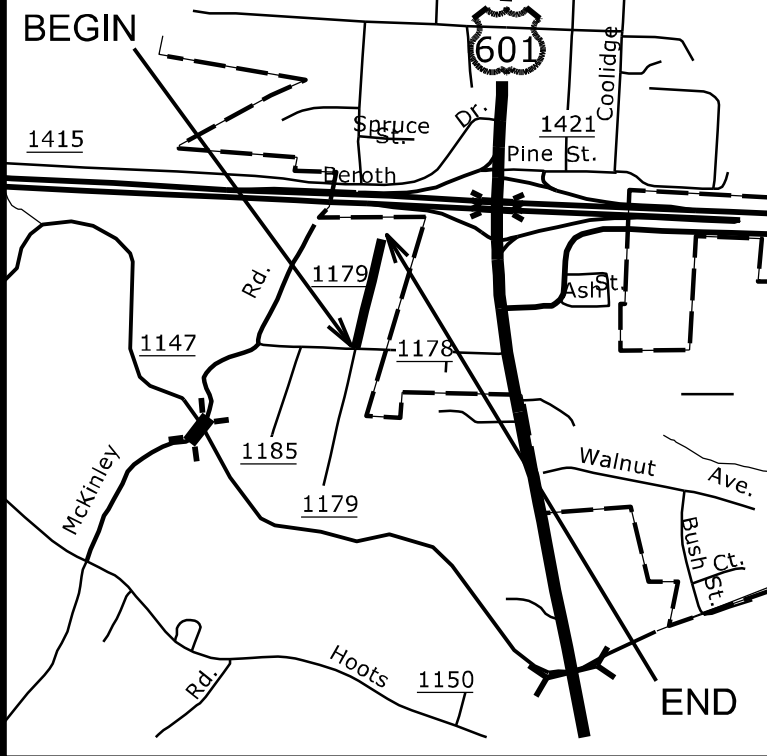


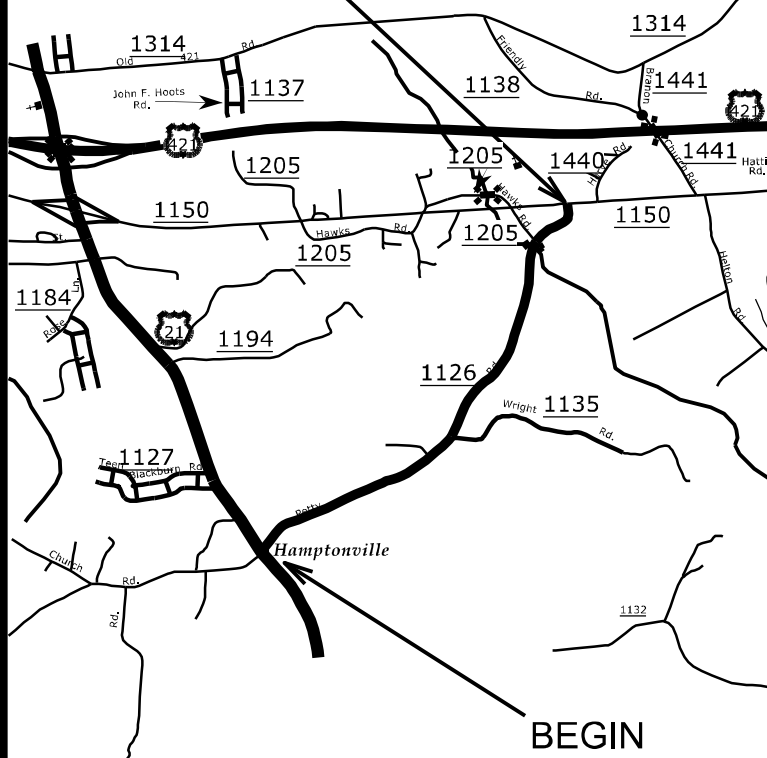
**MAP #4**

Route = SR 1179 (0.21 Mi.)  
Begin at SR 1178  
End at Creek Way  
(width = 20 feet)  
1.5" Overlay with Type: SF 9.5 A



**MAP #2**

Route = SR 1126 (1.57 Mi.)  
Begin at US 21  
End at SR 1150  
(width = 20 feet)  
1.5" Overlay with Type: SF 9.5 A

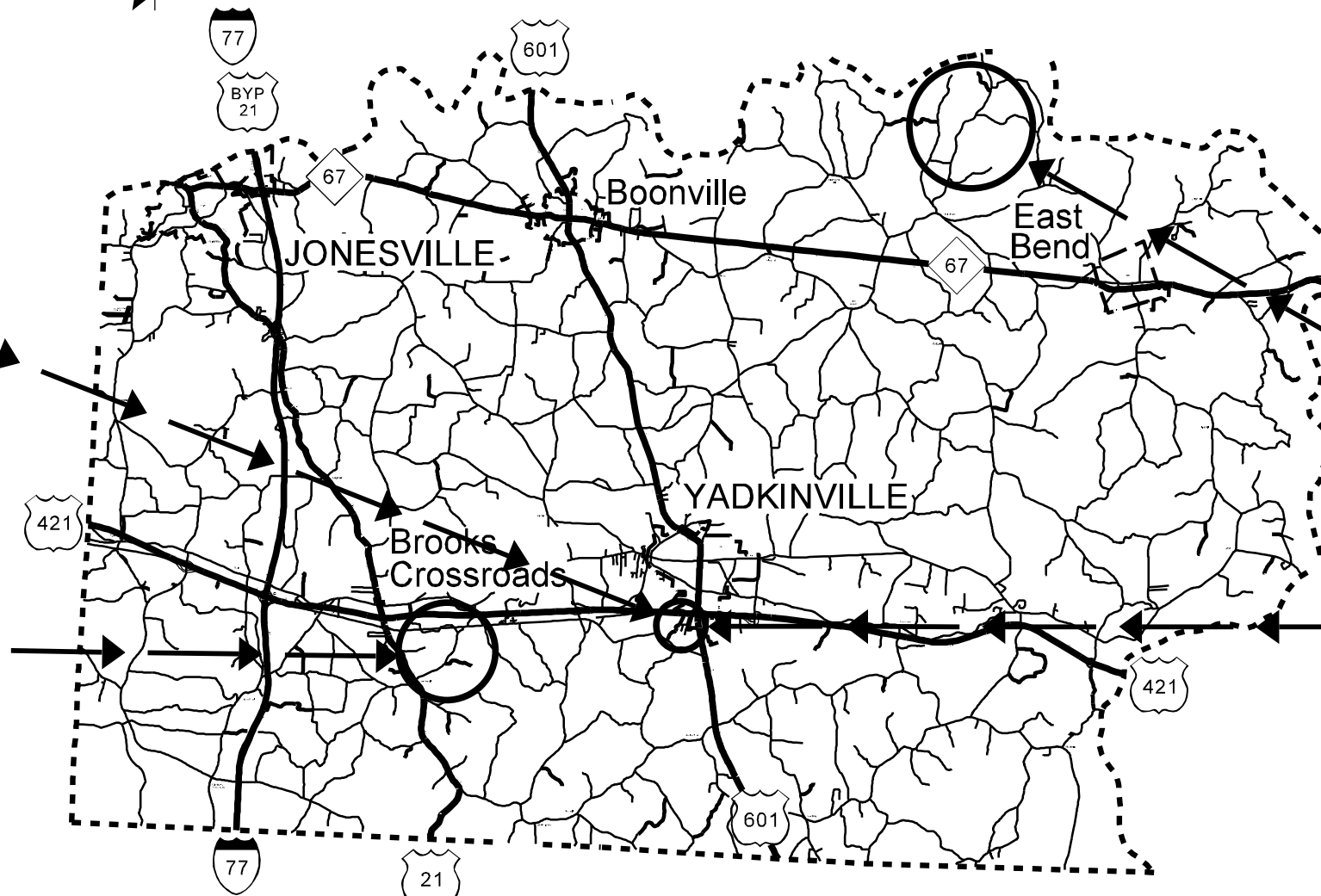


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**YADKIN COUNTY**

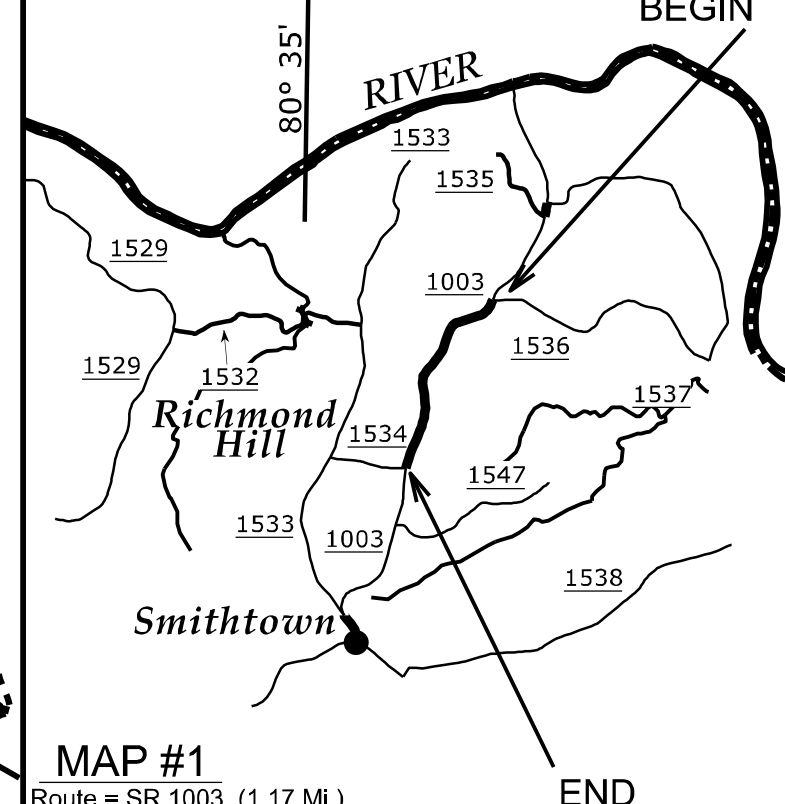
2018

TYPE OF WORK: ASPHALT RESURFACING  
SECONDARY ROUTES



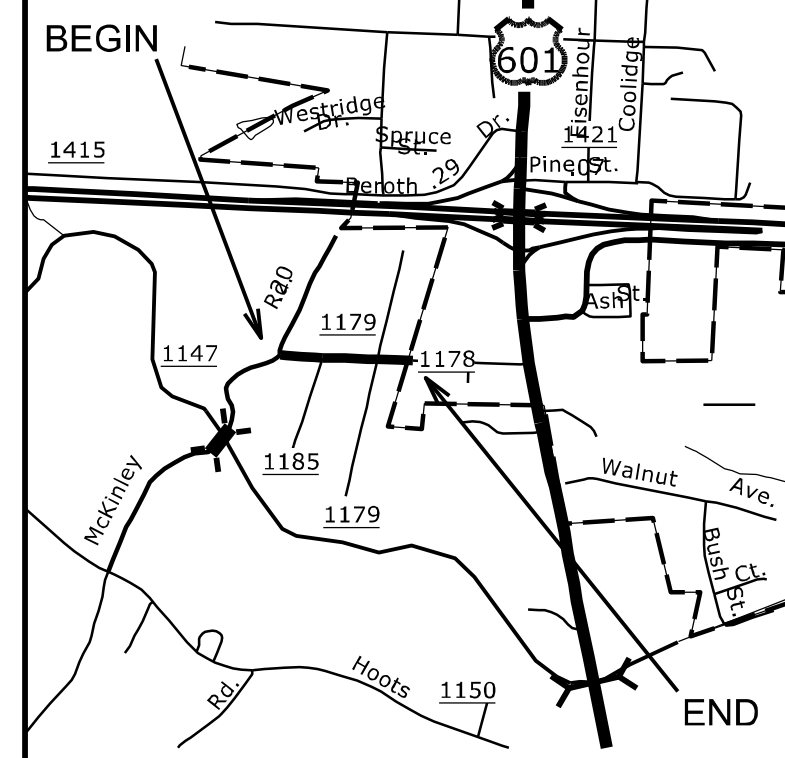
**MAP #1**

Route = SR 1003 (1.17 Mi.)  
Begin at SR 1536  
End at SR 1534  
(width = 20 feet)  
1.5" Overlay with Type: SF9.5A

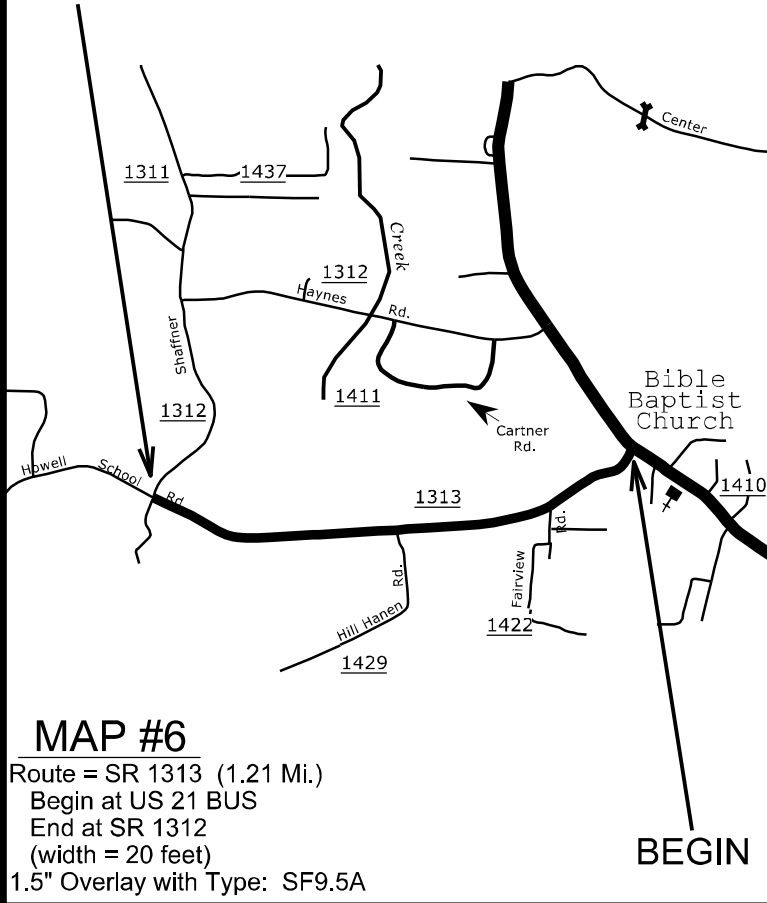


**MAP #3**

Route = SR 1178 (0.19 Mi.)  
Begin at SR 1147  
End of maintenance  
(width = 20 feet)  
1.5" Overlay with Type: SF 9.5 A



END



**MAP #6**

Route = SR 1313 (1.21 Mi.)  
 Begin at US 21 BUS  
 End at SR 1312  
 (width = 20 feet)  
 1.5" Overlay with Type: SF9.5A

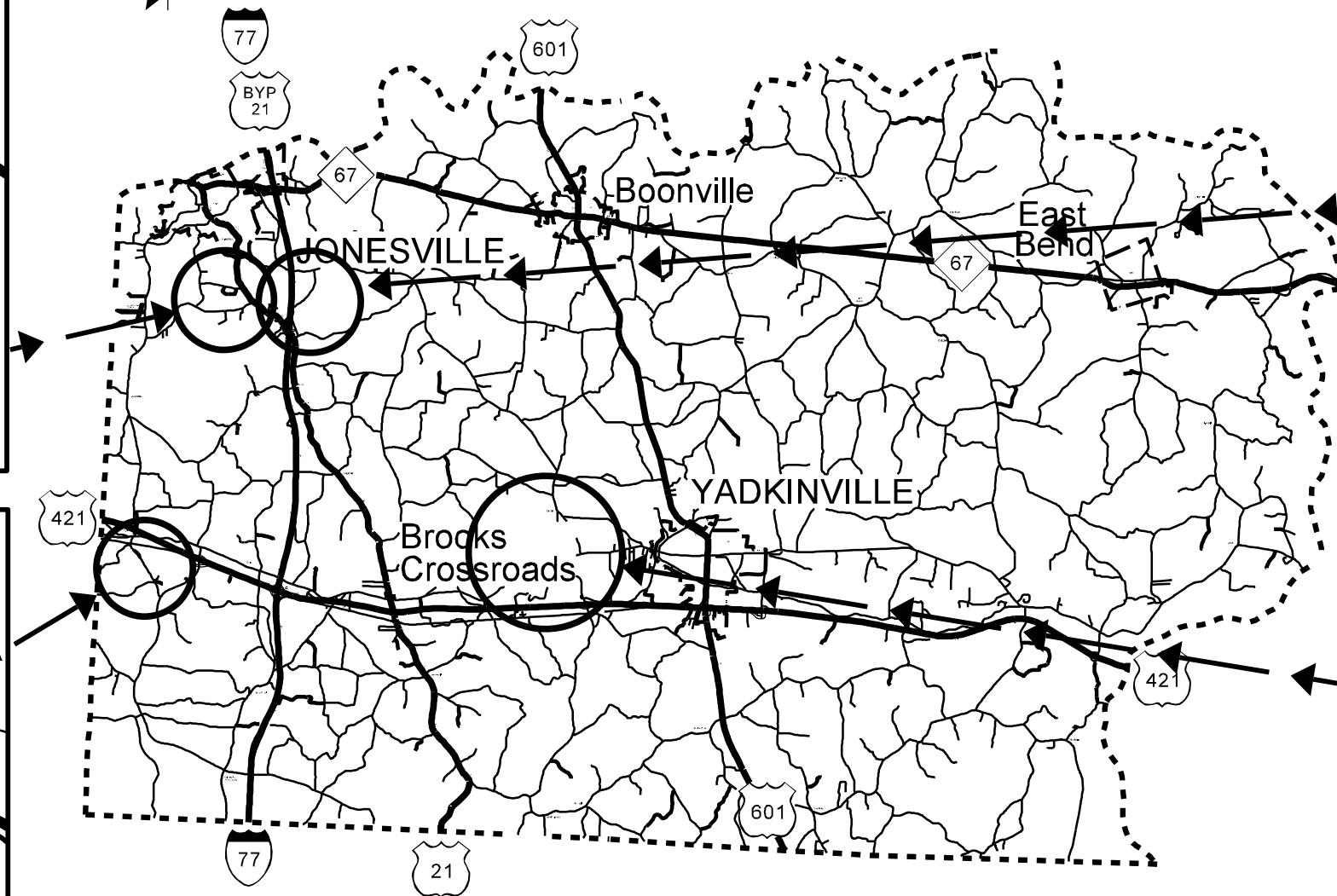
BEGIN

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

**YADKIN COUNTY**

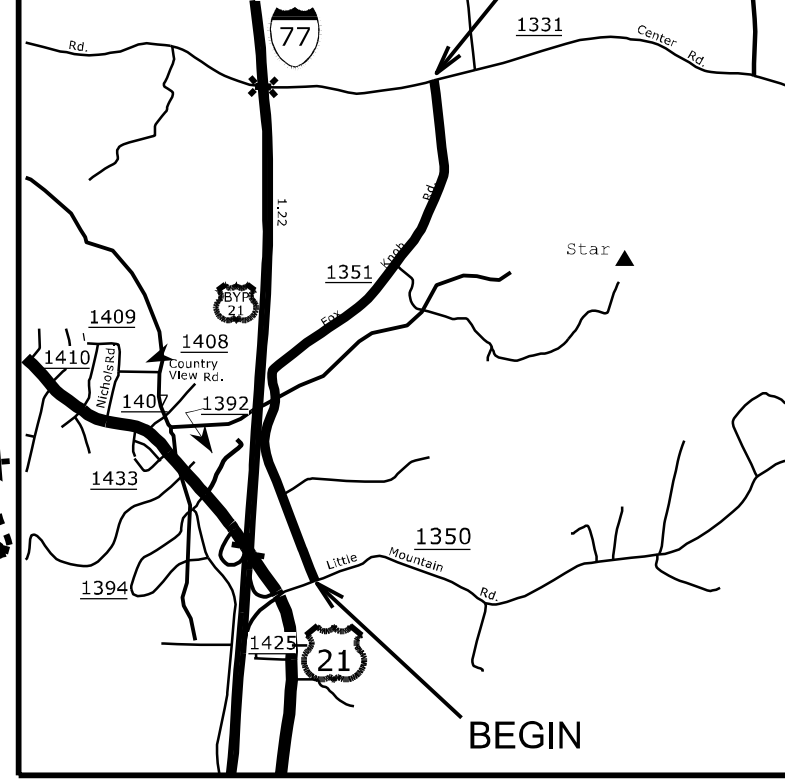
2018

TYPE OF WORK: ASPHALT RESURFACING  
 SECONDARY ROUTES



**MAP #8**

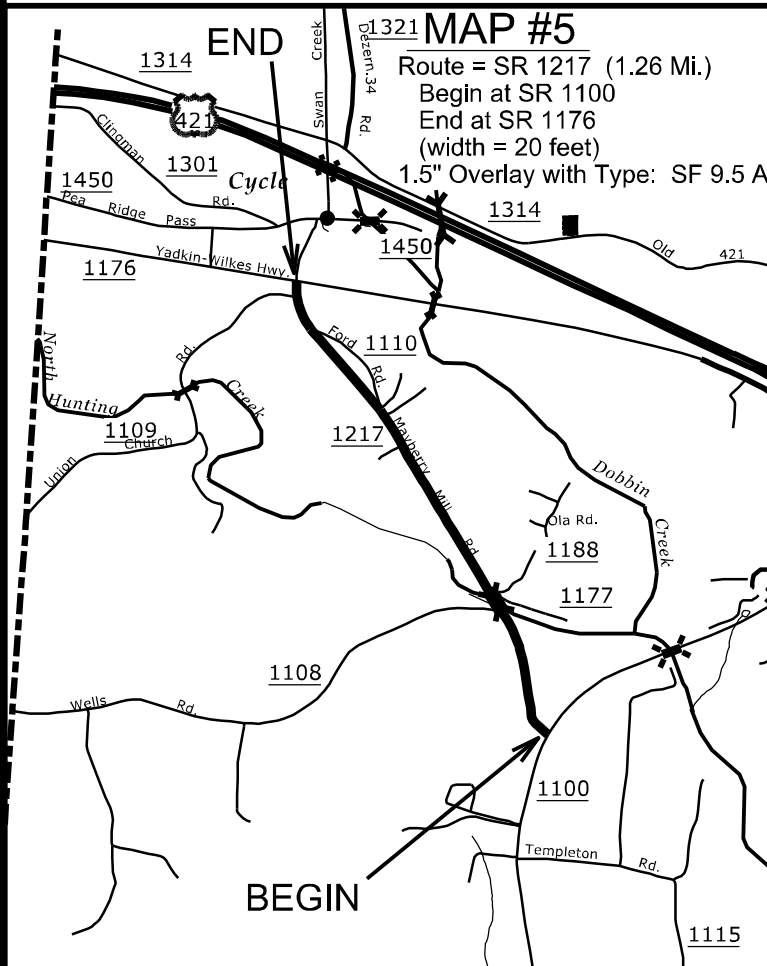
Route = SR 1351 (1.54 Mi.)  
 Begin at SR 1350  
 End at SR 1331  
 (width = 20 feet)  
 1.5" Overlay with Type: SF 9.5 A



BEGIN

**MAP #5**

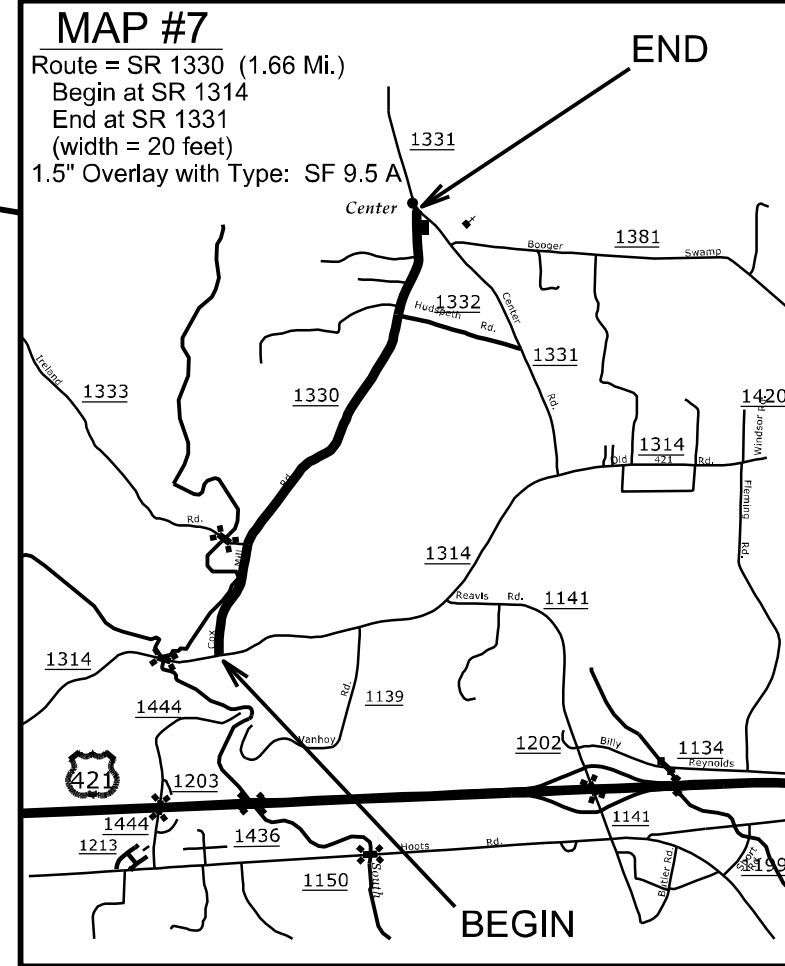
Route = SR 1217 (1.26 Mi.)  
 Begin at SR 1100  
 End at SR 1176  
 (width = 20 feet)  
 1.5" Overlay with Type: SF 9.5 A



BEGIN

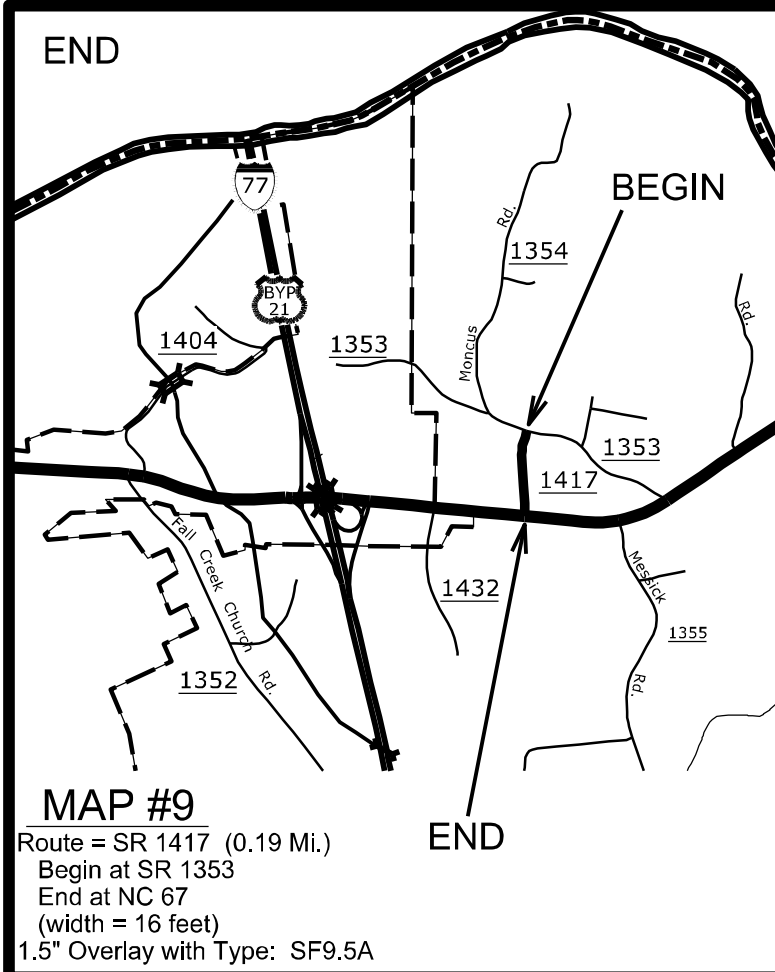
**MAP #7**

Route = SR 1330 (1.66 Mi.)  
 Begin at SR 1314  
 End at SR 1331  
 (width = 20 feet)  
 1.5" Overlay with Type: SF 9.5 A



BEGIN

END

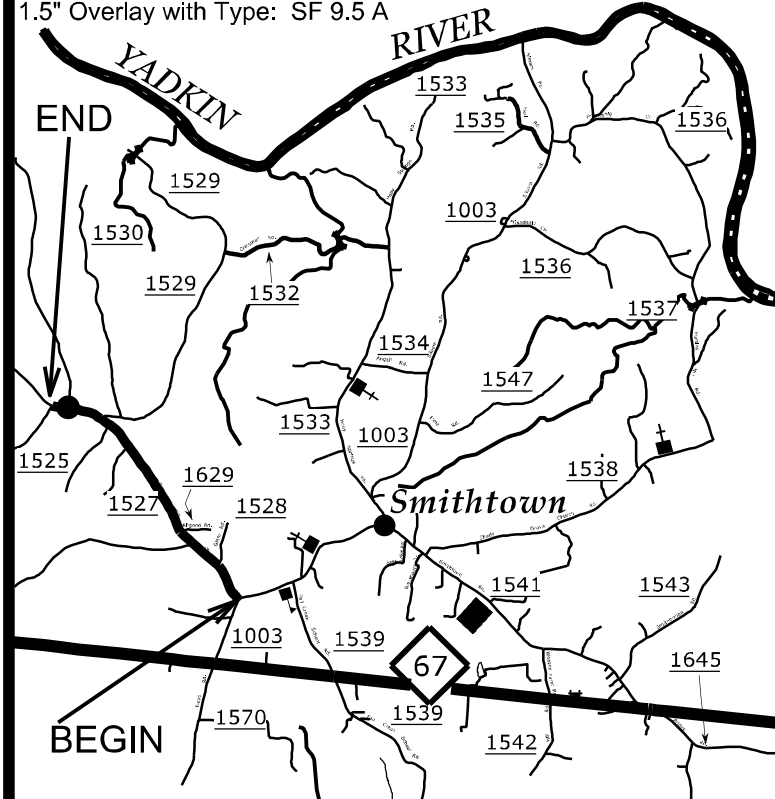


MAP #9

Route = SR 1417 (0.19 Mi.)  
 Begin at SR 1353  
 End at NC 67  
 (width = 16 feet)  
 1.5" Overlay with Type: SF9.5A

MAP #10

Route = SR 1527 (1.83 Mi.)  
 Begin at SR 1525  
 End at SR 1003  
 (width = 20 feet)  
 1.5" Overlay with Type: SF 9.5 A



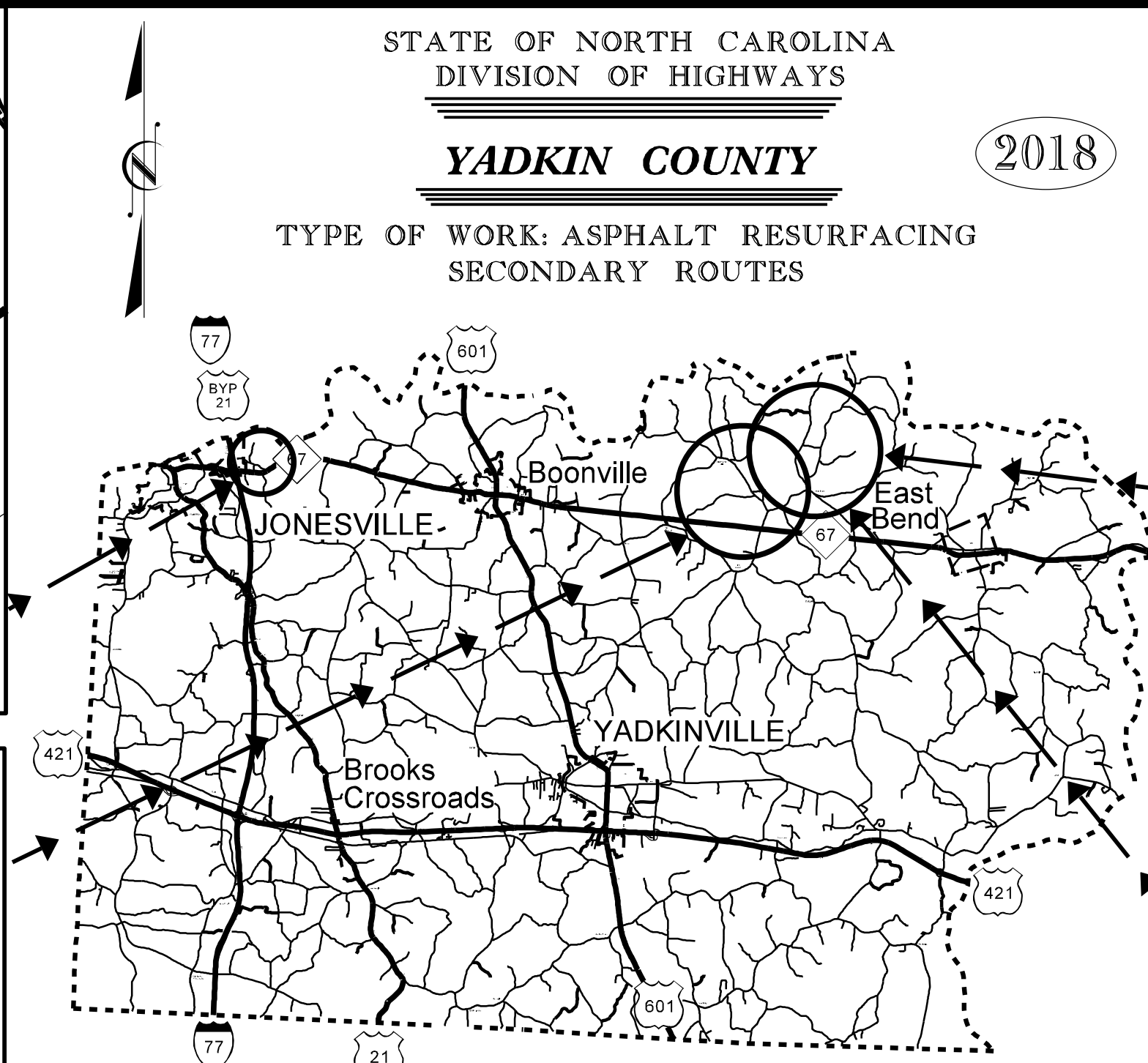
BEGIN

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

**YADKIN COUNTY**

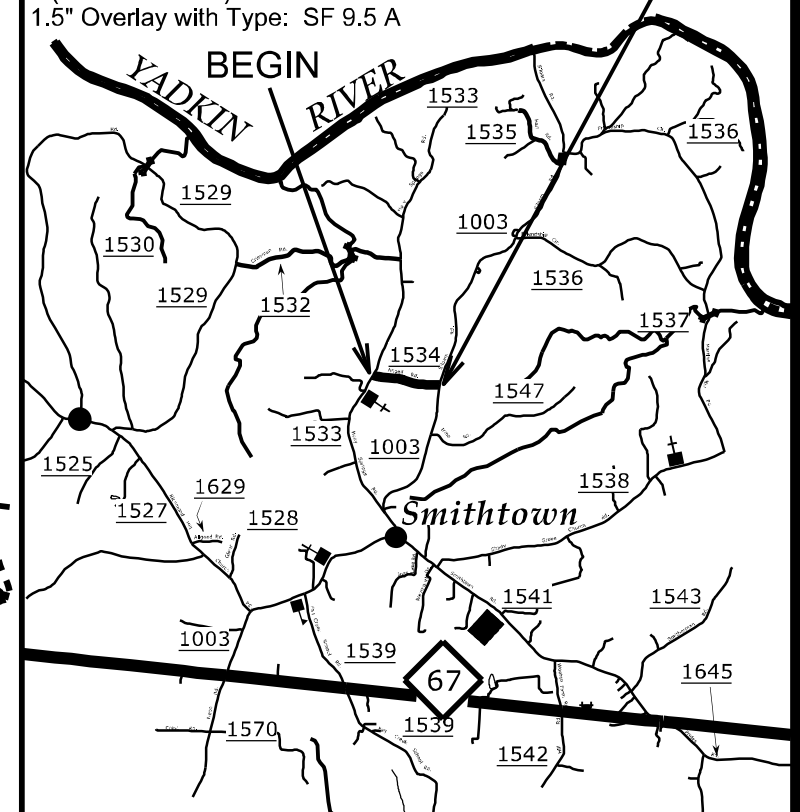
2018

TYPE OF WORK: ASPHALT RESURFACING  
 SECONDARY ROUTES



MAP #12

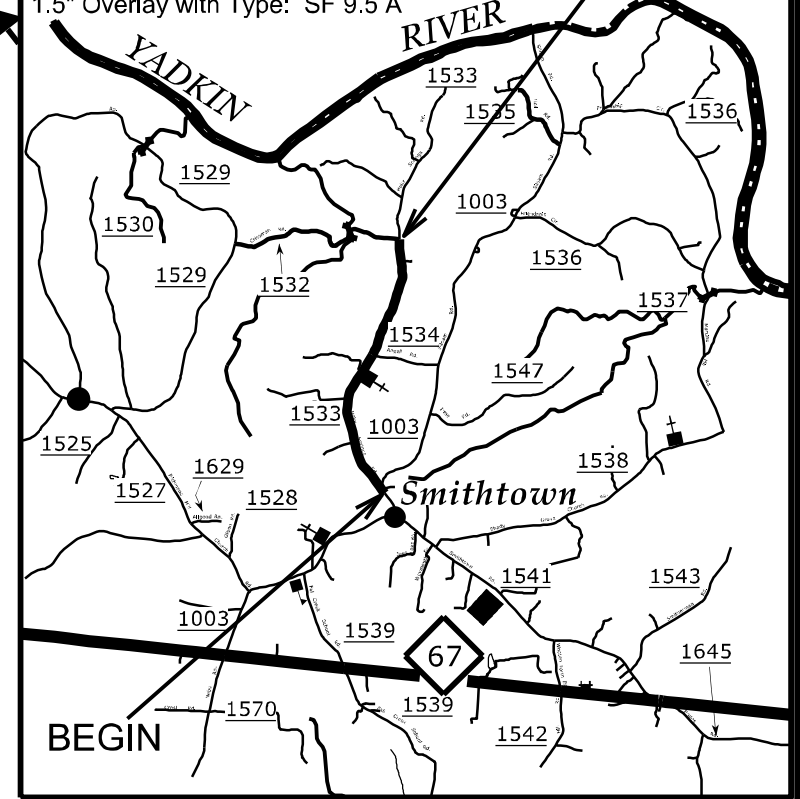
Route = SR 1534 (0.44 Mi.)  
 Begin at SR 1533  
 End at SR 1003  
 (width = 20 feet)  
 1.5" Overlay with Type: SF 9.5 A



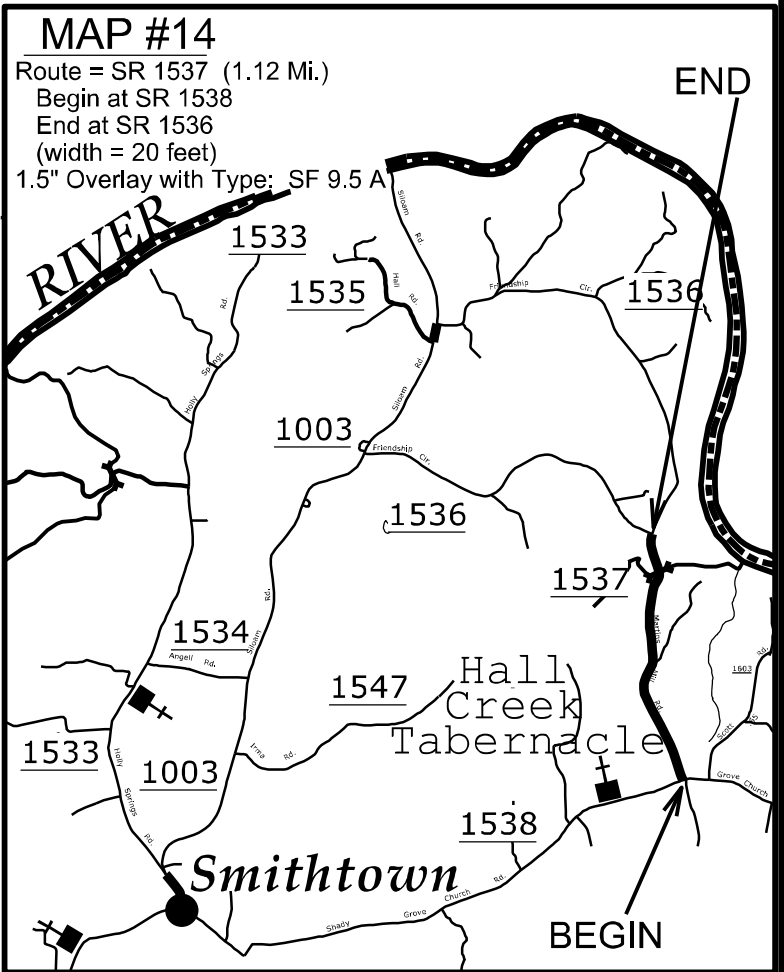
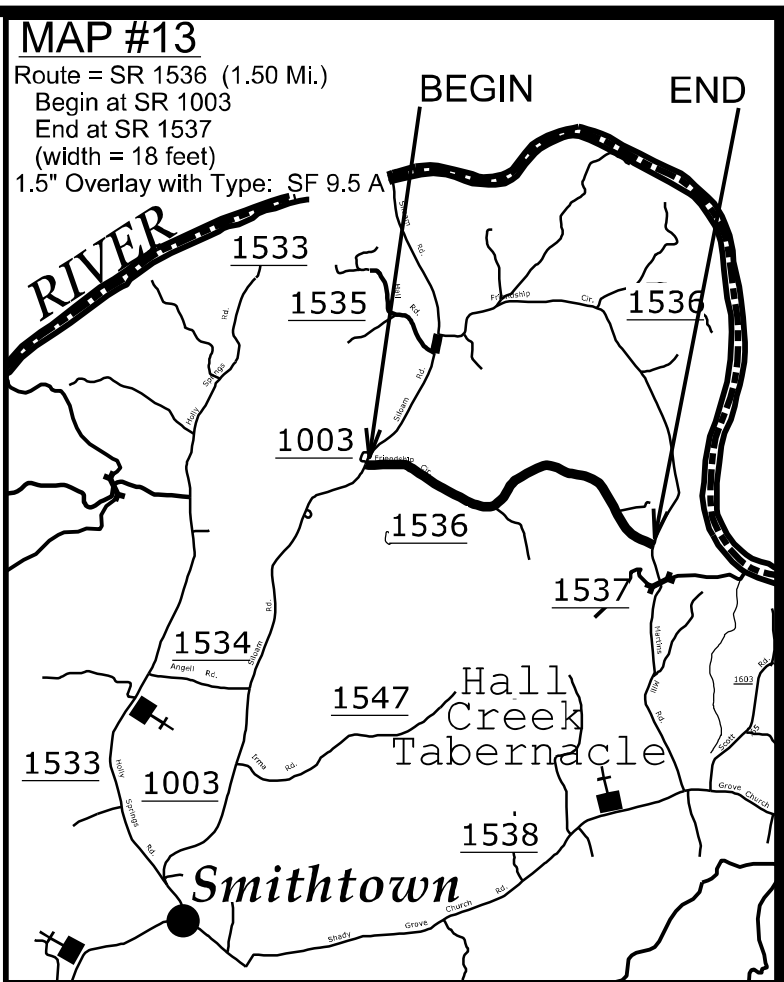
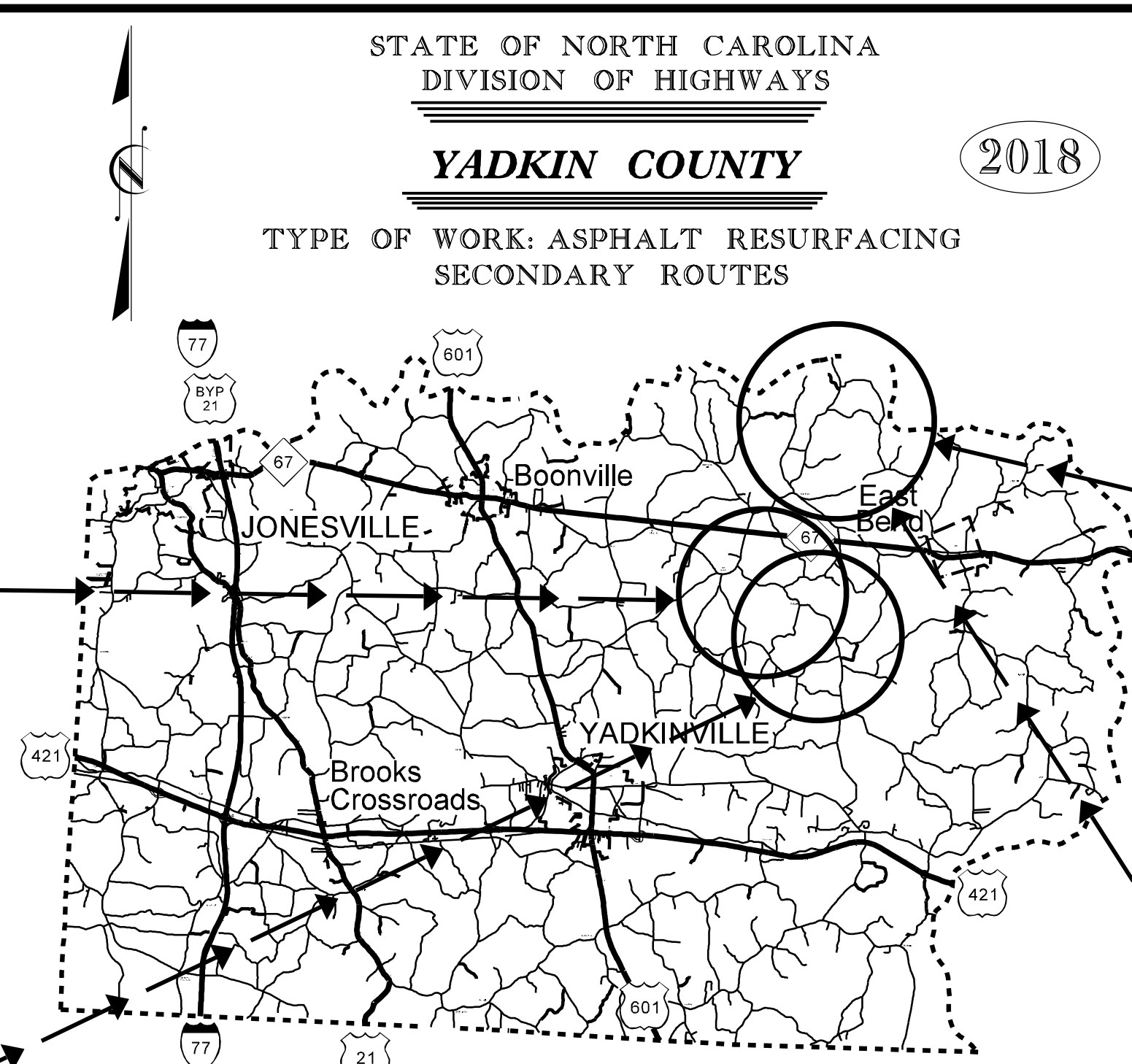
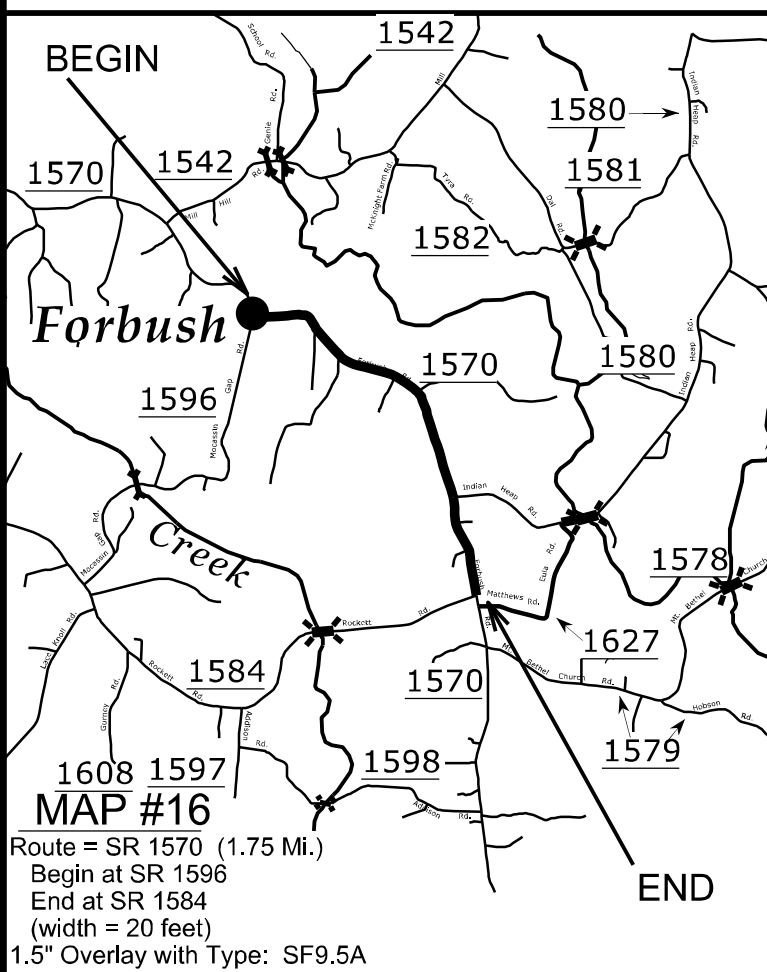
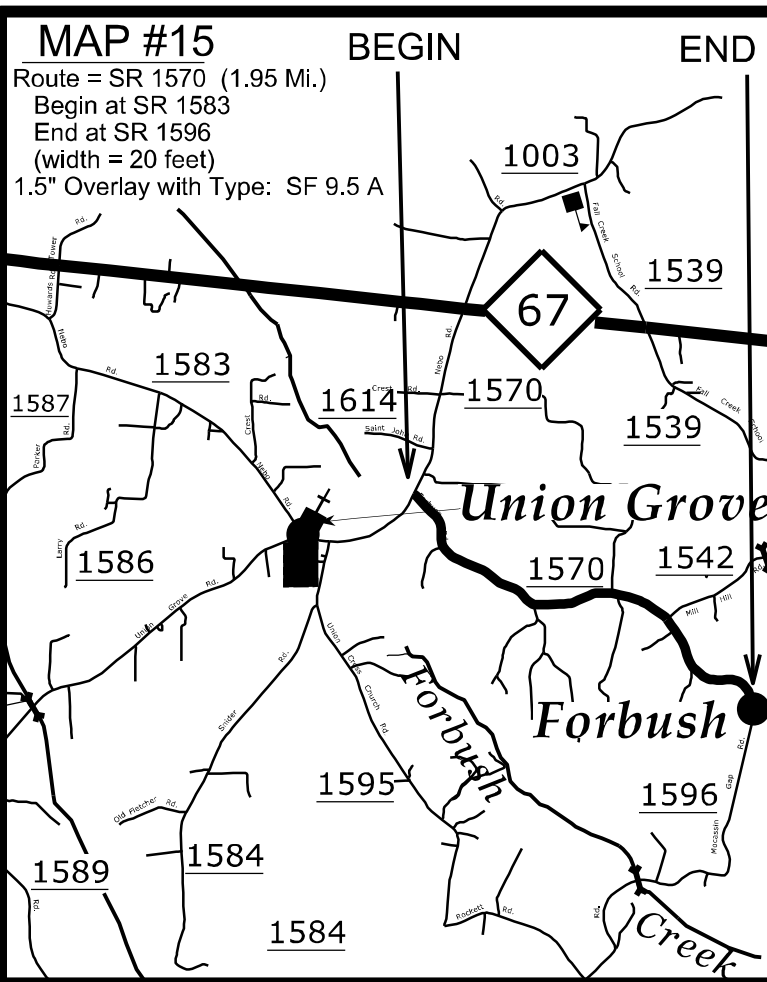
END

MAP #11

Route = SR 1533 (1.82 Mi.)  
 Begin at SR 1003  
 End at SR 1532  
 (width = 18 feet)  
 1.5" Overlay with Type: SF 9.5 A



BEGIN

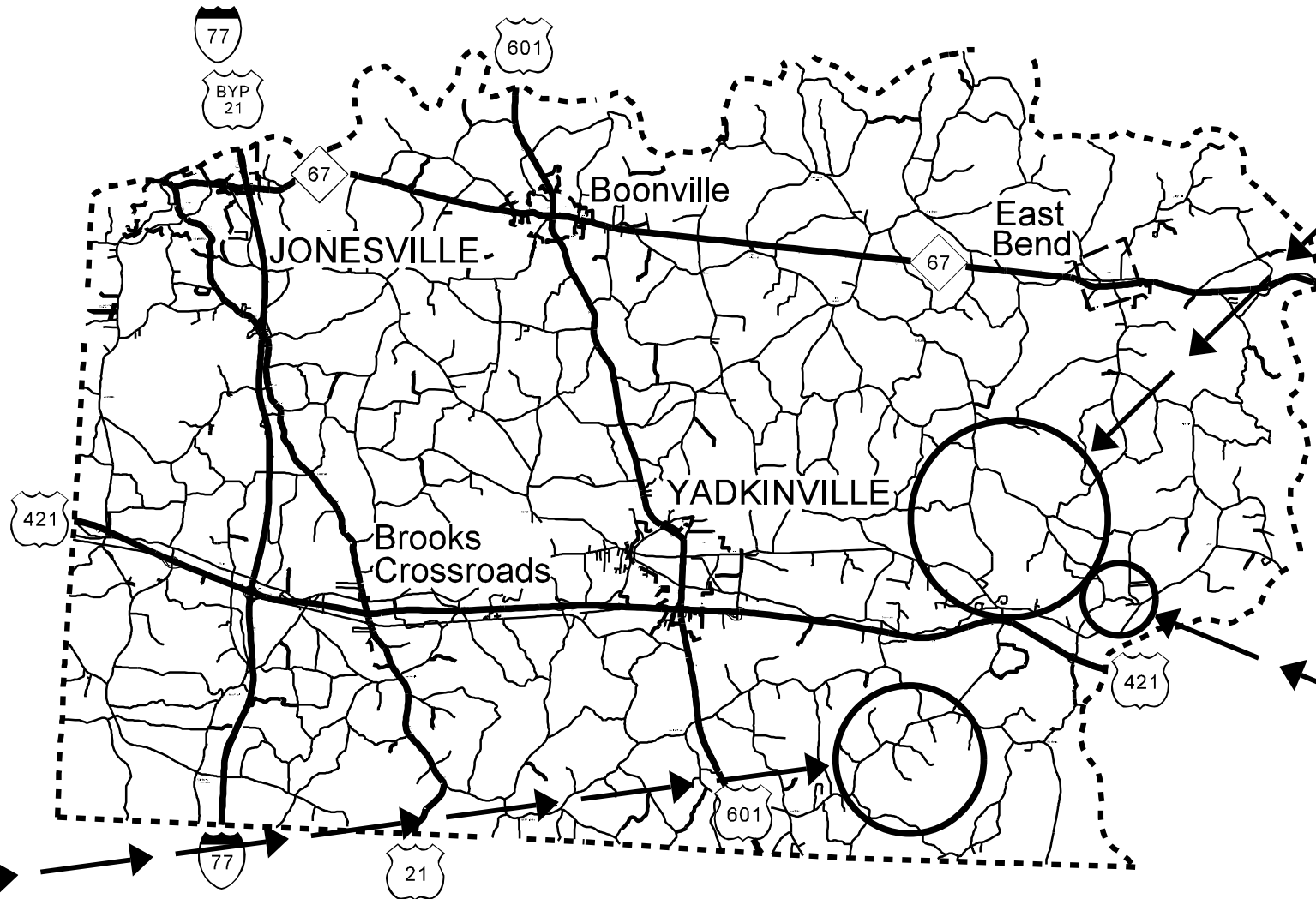


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**YADKIN COUNTY**

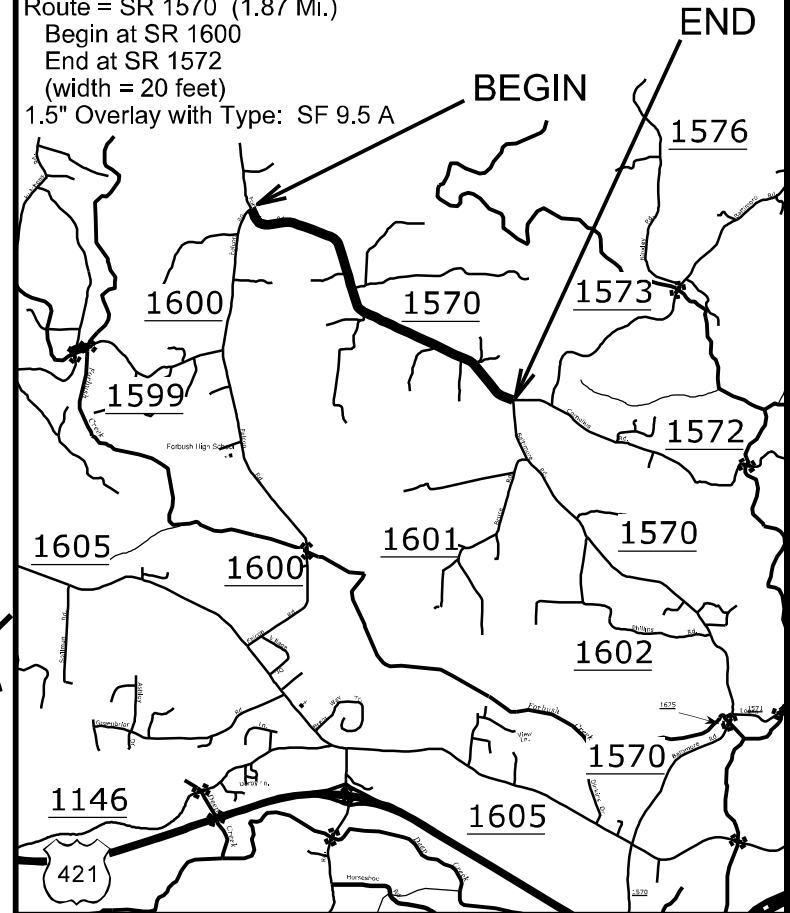
2018

TYPE OF WORK: ASPHALT RESURFACING  
SECONDARY ROUTES



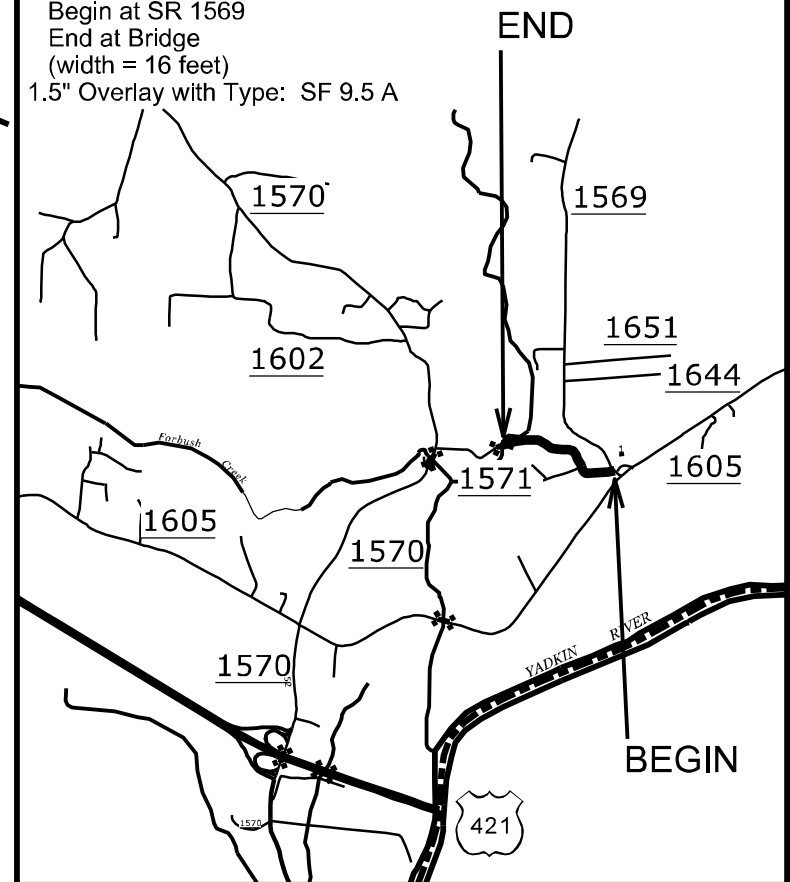
**MAP #17**

Route = SR 1570 (1.87 Mi.)  
Begin at SR 1600  
End at SR 1572  
(width = 20 feet)  
1.5" Overlay with Type: SF 9.5 A



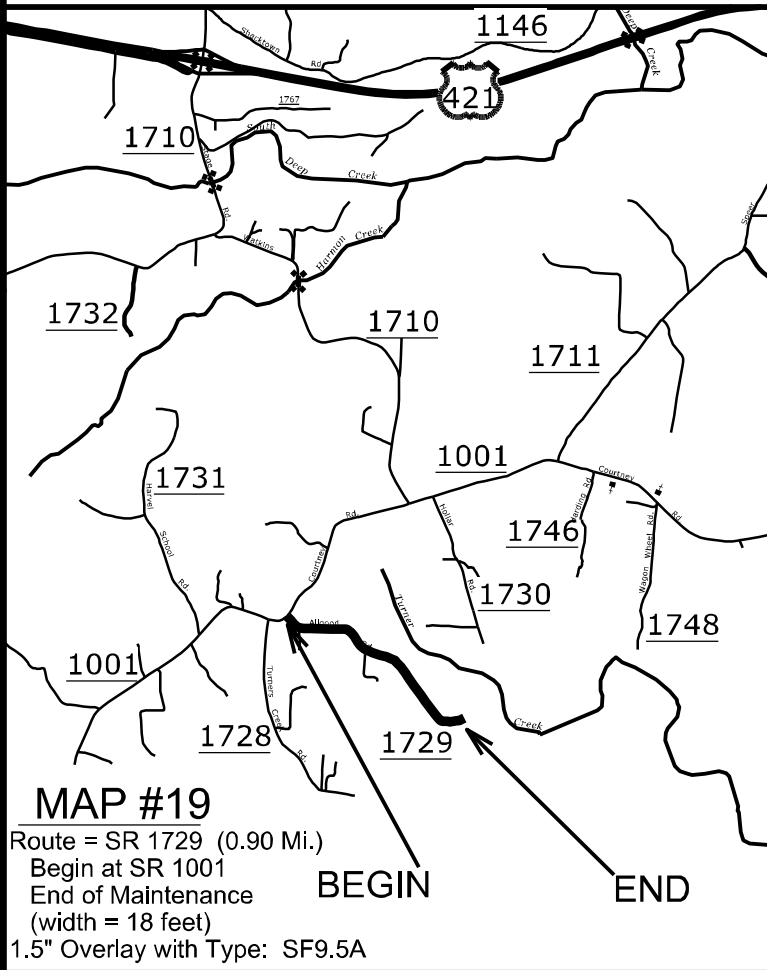
**MAP #18**

Route = SR 1571 (0.51 Mi.)  
Begin at SR 1569  
End at Bridge  
(width = 16 feet)  
1.5" Overlay with Type: SF 9.5 A



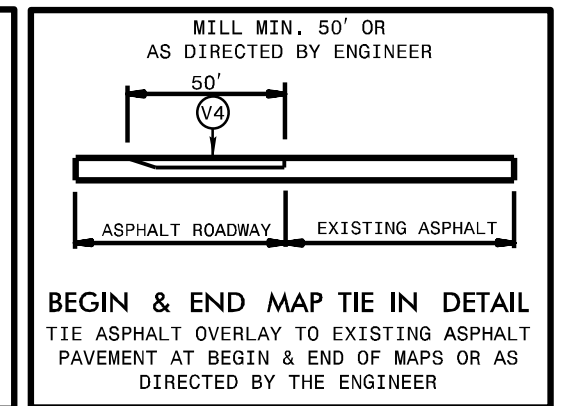
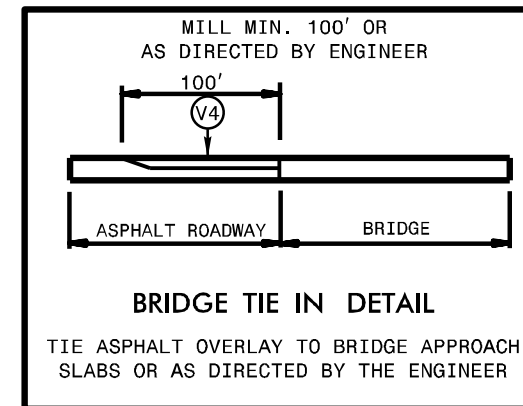
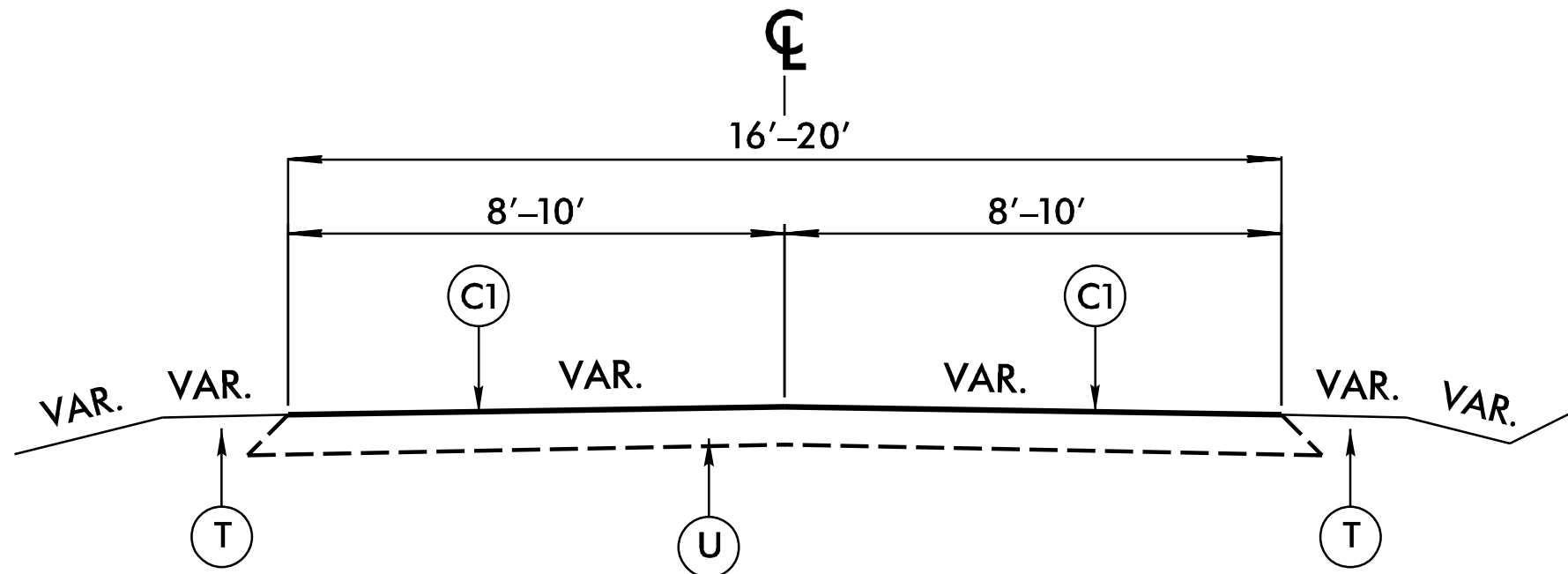
**MAP #19**

Route = SR 1729 (0.90 Mi.)  
Begin at SR 1001  
End of Maintenance  
(width = 18 feet)  
1.5" Overlay with Type: SF9.5A



**TYPICAL SECTION NO. 1**  
**REFER TO MAPS: 1 THRU 19**

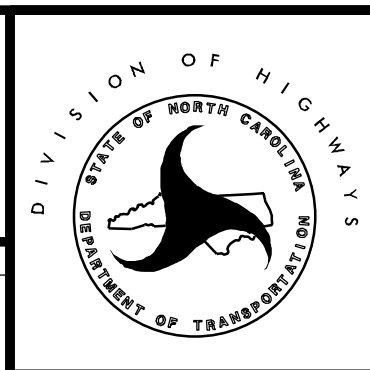
PAVEMENT SCHEDULE	
C1	PROPOSED: 1.5" Overlay, Type SF 9.5 A AVERAGE ASPHALT RATE: 165 lbs. per Sq. Yd.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V4	INCIDENTAL MILLING (See Tie in Detail below)



**YADKIN COUNTY  
 SECONDARY ROADS  
 ASPHALT RESURFACING**

REVISIONS	INIT.	DATE

**N.C. DEPARTMENT of TRANSPORTATION  
 DIVISION of HIGHWAYS  
 DIVISION ELEVEN**



SCALE: N/A    DATE: MAY 2017  
 PREPARED BY: J.D. WOOD  
 REVIEWED BY: \_\_\_\_\_  
 REVIEWED BY: \_\_\_\_\_

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.11.11.20991		

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH MI	WIDTH FT	BORROW CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	SEED & MULCHING AC
2018CPT.11.11.20991	Yadkin	1	SR 1003	FROM SR 1536 TO SR 1534		2		1.17	20	176	117	2.34		425	1,200	80	38	0.53
2018CPT.11.11.20991	Yadkin	2	SR 1126	FROM US 21 TO SR 1150	1	2	2WU	1.57	20	236	157	3.14		350	1,609	108	101	0.71
2018CPT.11.11.20991	Yadkin	3	SR 1178	FROM SR 1147 TO END OF MAINTENANCE	1	2	2WU	0.19	20		19	0.38		100	225	15	12	0.09
2018CPT.11.11.20991	Yadkin	4	SR 1179	FROM SR 1178 TO CREEK WAY	1	2	2WU	0.21	20	32	21	0.42		100	225	15	14	0.09
2018CPT.11.11.20991	Yadkin	5	SR 1217	FROM SR 1100 TO SR 1176	1	2	2WU	1.26	20	189	126	2.52	222	220	1,307	88	81	0.57
2018CPT.11.11.20991	Yadkin	6	SR 1313	FROM US 21 BUS TO SR 1312	1	2	2WU	1.21	20	182	121	2.42		220	1,239	83	78	0.54
2018CPT.11.11.20991	Yadkin	7	SR 1330	FROM SR 1314 TO SR 1331	1	2	2WU	1.66	20	249	166	3.32		220	1,677	112	107	0.75
2018CPT.11.11.20991	Yadkin	8	SR 1351	FROM SR 1350 TO SR 1331	1	2	2WU	1.54	20	231	154	3.08		220	1,540	103	99	0.69
2018CPT.11.11.20991	Yadkin	9	SR 1417	FROM SR 1353 TO NC 67	1	2	2WU	0.19	16	29	19	0.38		110	168	11	10	0.09
2018CPT.11.11.20991	Yadkin	10	SR 1527	FROM SR 1525 TO SR 1003	1	2	2WU	1.83	20	275	183	3.66		220	1,863	125	118	0.82
2018CPT.11.11.20991	Yadkin	11	SR 1533	FROM SR 1003 TO SR 1532	1	2	2WU	1.82	18	273	182	3.64		110	1,657	111	106	0.82
2018CPT.11.11.20991	Yadkin	12	SR 1534	FROM SR 1533 TO SR 1003	1	2	2WU	0.44	20	66	44	0.88		110	449	30	28	0.20
2018CPT.11.11.20991	Yadkin	13	SR 1536	FROM SOUTHERN INTERSECTION WITH SR 1003 TO SR 1537	1	2	2WU	1.5	18	225	150	3.00		110	1,356	91	87	0.68
2018CPT.11.11.20991	Yadkin	14	SR 1537	FROM SR 1538 TO SR 1536	1	2	2WU	1.12	20	168	112	2.24		110	1,131	76	72	0.50
2018CPT.11.11.20991	Yadkin	15	SR 1570	FROM SR 1583 TO SR 1596	1	2	2WU	1.95	20	293	195	3.90		220	1,939	130	126	0.88
2018CPT.11.11.20991	Yadkin	16	SR 1570	FROM SR 1596 TO SR 1584	1	2	2WU	1.75	20	263	175	3.50		220	1,745	117	113	0.79
2018CPT.11.11.20991	Yadkin	17	SR 1570	FROM SR 1600 TO SR 1572	1	2	2WU	1.87	20	281	187	3.74		220	1,881	126	121	0.84
2018CPT.11.11.20991	Yadkin	18	SR 1571	FROM SR 1569 TO BRIDGE	1	2	2WU	0.51	16	77	51	1.02		220	458	31	26	0.23
2018CPT.11.11.20991	Yadkin	19	SR 1729	FROM SR 1001 TO DEAD END	1	2	2WU	0.9	18	135	90	1.80		110	810	54	52	0.41
<b>TOTAL FOR PROJ NO. 2018CPT.11.11.20991</b>								<b>22.69</b>		<b>3,380</b>	<b>2,269</b>	<b>45.38</b>	<b>222</b>	<b>3,615</b>	<b>22,479</b>	<b>1,506</b>	<b>1,389</b>	<b>10.21</b>
<b>GRAND TOTAL</b>								<b>22.69</b>		<b>3,380</b>	<b>2,269</b>	<b>45.38</b>	<b>222</b>	<b>3,615</b>	<b>22,479</b>	<b>1,506</b>	<b>1,389</b>	<b>10.21</b>

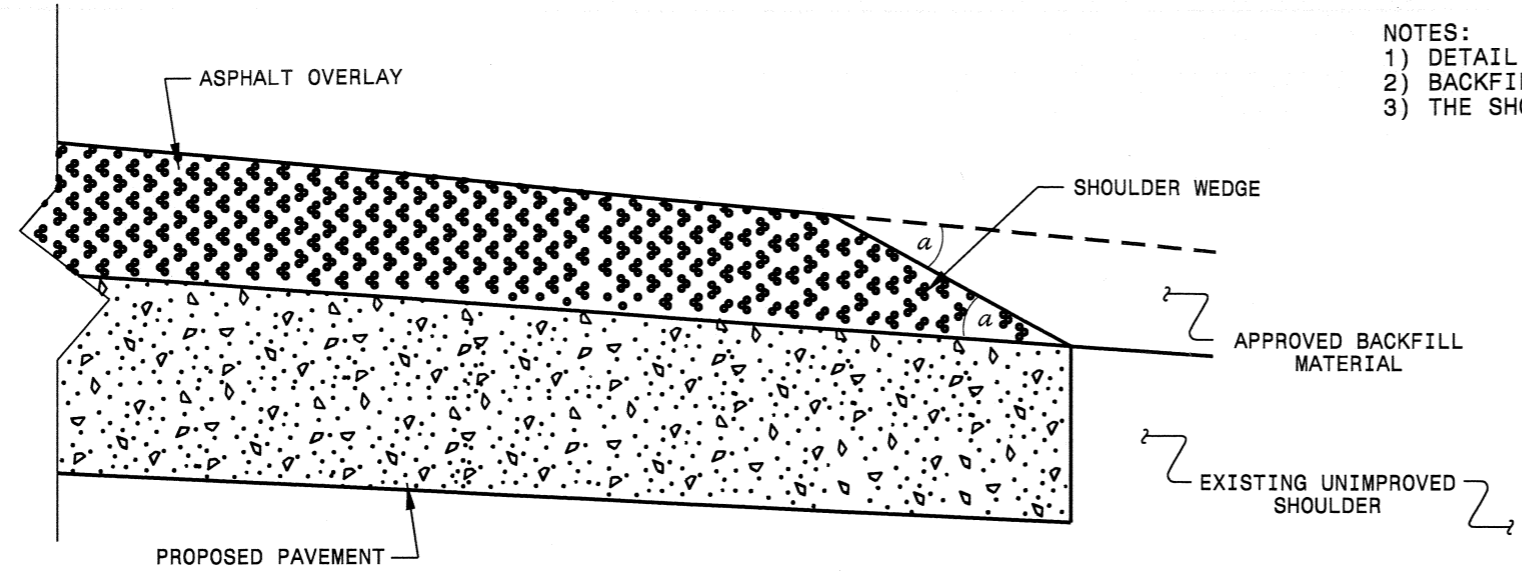
PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.11.11.20991		

**THERMOPLASTIC AND PAINT QUANTITIES**

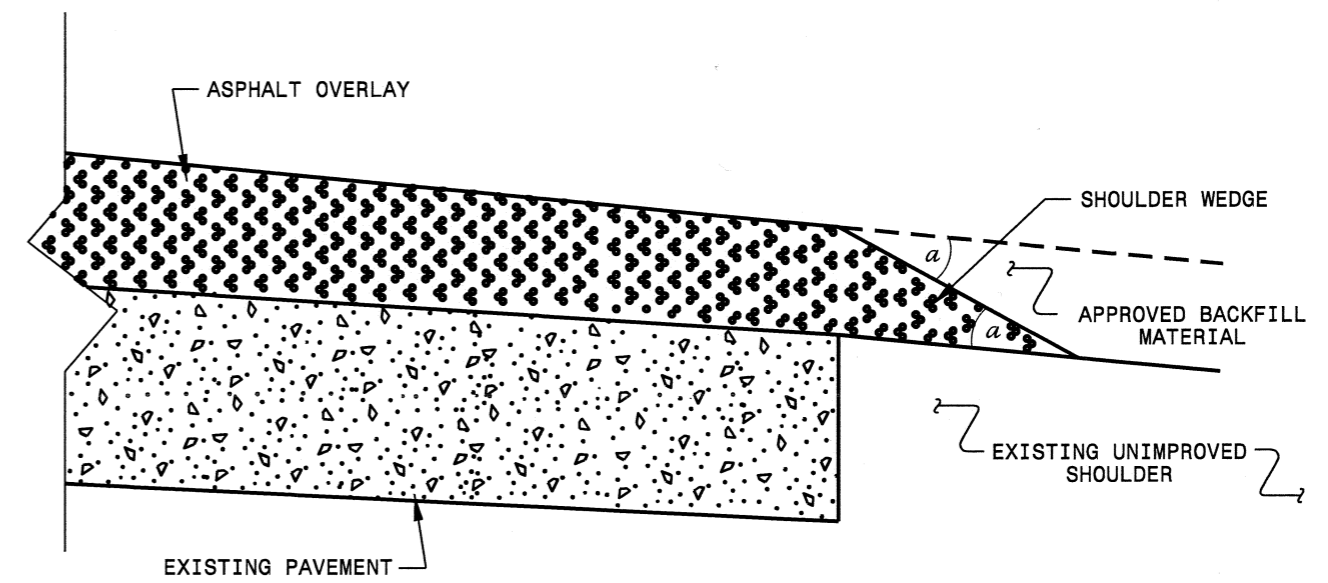
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-E	4810000000-E		4905000000-N	
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4" WHITE PAINT LF	4" YELLOW PAINT LF	SNOW PLOWABLE MARKERS EA	
2018CPT.11.11.20991	Yadkin	1	SR 1003	FROM SR 1536 TO SR 1534		2		1.17	20	160	1	25,178	25,178	77	
2018CPT.11.11.20991	Yadkin	2	SR 1126	FROM US 21 TO SR 1150	1	2	2WU	1.57	20	120	*	33,786	33,786		
2018CPT.11.11.20991	Yadkin	3	SR 1178	FROM SR 1147 TO END OF MAINTENANCE	1	2	2WU	0.19	20	80	*				
2018CPT.11.11.20991	Yadkin	4	SR 1179	FROM SR 1178 TO CREEK WAY	1	2	2WU	0.21	20	40	*				
2018CPT.11.11.20991	Yadkin	5	SR 1217	FROM SR 1100 TO SR 1176	1	2	2WU	1.26	20	240	*	27,115	27,115		
2018CPT.11.11.20991	Yadkin	6	SR 1313	FROM US 21 BUS TO SR 1312	1	2	2WU	1.21	20	160	*	26,039	26,039		
2018CPT.11.11.20991	Yadkin	7	SR 1330	FROM SR 1314 TO SR 1331	1	2	2WU	1.66	20	200	*	35,723	35,723		
2018CPT.11.11.20991	Yadkin	8	SR 1351	FROM SR 1350 TO SR 1331	1	2	2WU	1.54	20	160	*	33,141	33,141		
2018CPT.11.11.20991	Yadkin	9	SR 1417	FROM SR 1353 TO NC 67	1	2	2WU	0.19	16	160	*	4,089	4,089		
2018CPT.11.11.20991	Yadkin	10	SR 1527	FROM SR 1525 TO SR 1003	1	2	2WU	1.83	20	280	*	39,382	39,382		
2018CPT.11.11.20991	Yadkin	11	SR 1533	FROM SR 1003 TO SR 1532	1	2	2WU	1.82	18	120	*	39,166	39,166		
2018CPT.11.11.20991	Yadkin	12	SR 1534	FROM SR 1533 TO SR 1003	1	2	2WU	0.44	20	80	*	9,469	9,469		
2018CPT.11.11.20991	Yadkin	13	SR 1536	FROM SOUTHERN INTERSECTION WITH SR 1003 TO SR 1537	1	2	2WU	1.5	18	120	*	32,280	32,280		
2018CPT.11.11.20991	Yadkin	14	SR 1537	FROM SR 1538 TO SR 1536	1	2	2WU	1.12	20	120	*	24,102	24,102		
2018CPT.11.11.20991	Yadkin	15	SR 1570	FROM SR 1583 TO SR 1596	1	2	2WU	1.95	20	120	*	41,964	41,964		
2018CPT.11.11.20991	Yadkin	16	SR 1570	FROM SR 1596 TO SR 1584	1	2	2WU	1.75	20	200	*	37,660	37,660		
2018CPT.11.11.20991	Yadkin	17	SR 1570	FROM SR 1600 TO SR 1572	1	2	2WU	1.87	20	160	*	40,242	40,242		
2018CPT.11.11.20991	Yadkin	18	SR 1571	FROM SR 1569 TO BRIDGE	1	2	2WU	0.51	16	80	*	10,975	10,975		
2018CPT.11.11.20991	Yadkin	19	SR 1729	FROM SR 1001 TO DEAD END	1	2	2WU	0.9	18	40	*	19,368	19,368		
<b>TOTAL FOR PROJ NO. 2018CPT.11.11.20991</b>									<b>22.69</b>		<b>2640</b>	<b>1</b>	<b>479,679</b>	<b>479,679</b>	<b>77</b>
												<b>959,358</b>			
<b>GRAND TOTAL</b>									<b>22.69</b>		<b>2640</b>	<b>1</b>	<b>479,679</b>	<b>479,679</b>	<b>77</b>
												<b>959,358</b>			



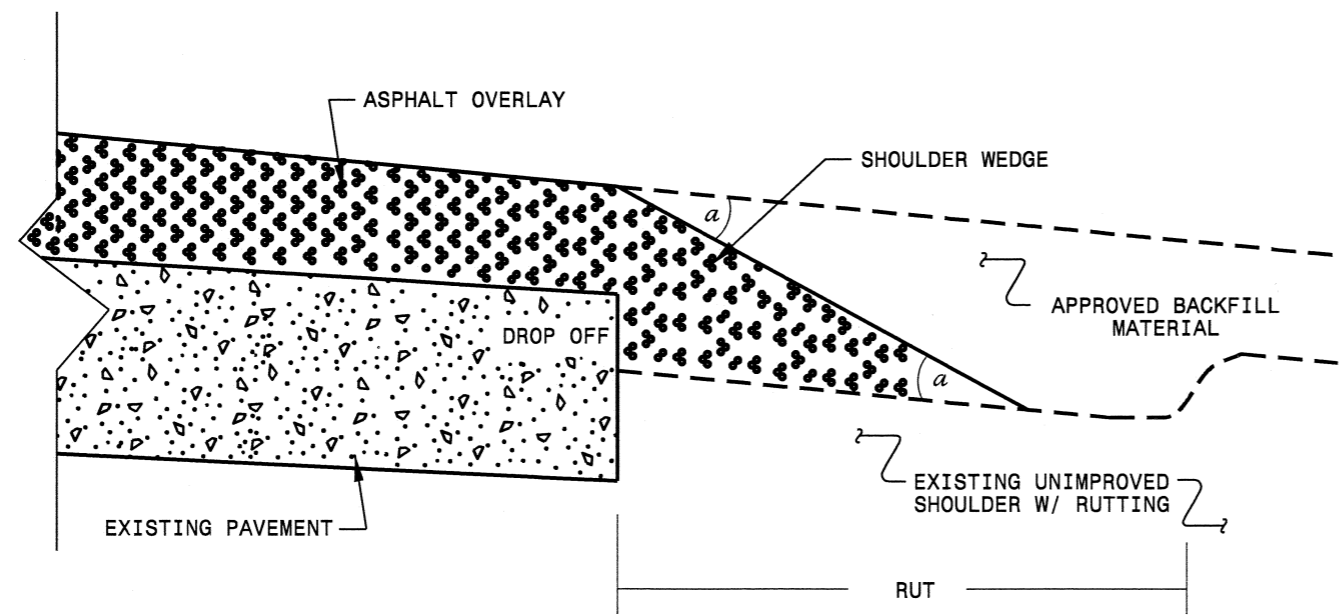
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

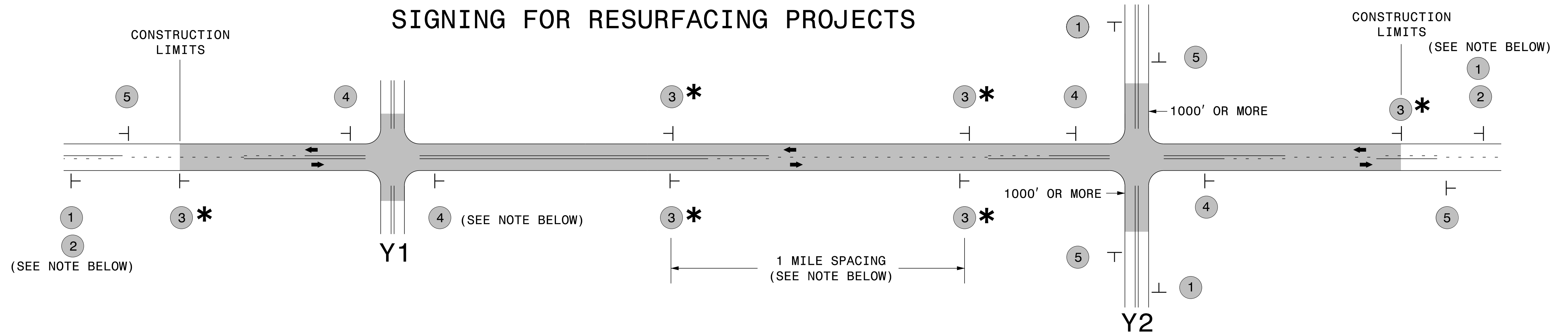
CONTRACT STANDARDS  
 AND DEVELOPMENT UNIT  
 Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE  
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11  
 MODIFIED BY: DATE: 10/18/12  
 CHECKED BY: DATE:  
 FILE SPEC.: s:\user\details\stand\shoulderwedgedetail.dgn

SYSTEMS CONSULTANTS  
 CONSULTANTS

## SIGNING FOR RESURFACING PROJECTS



LEGEND	
┆	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

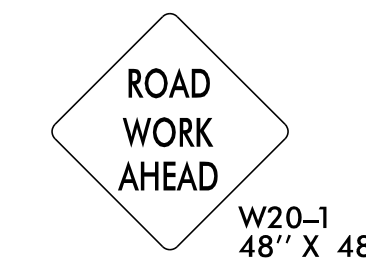
### -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.		
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)		
	3 *	 <small>SP 13107 48" X 48"</small>	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.		
	4	 <small>SP 13106 48" X 48"</small>	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	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.		

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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

### \* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS:  
 STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



**RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS**