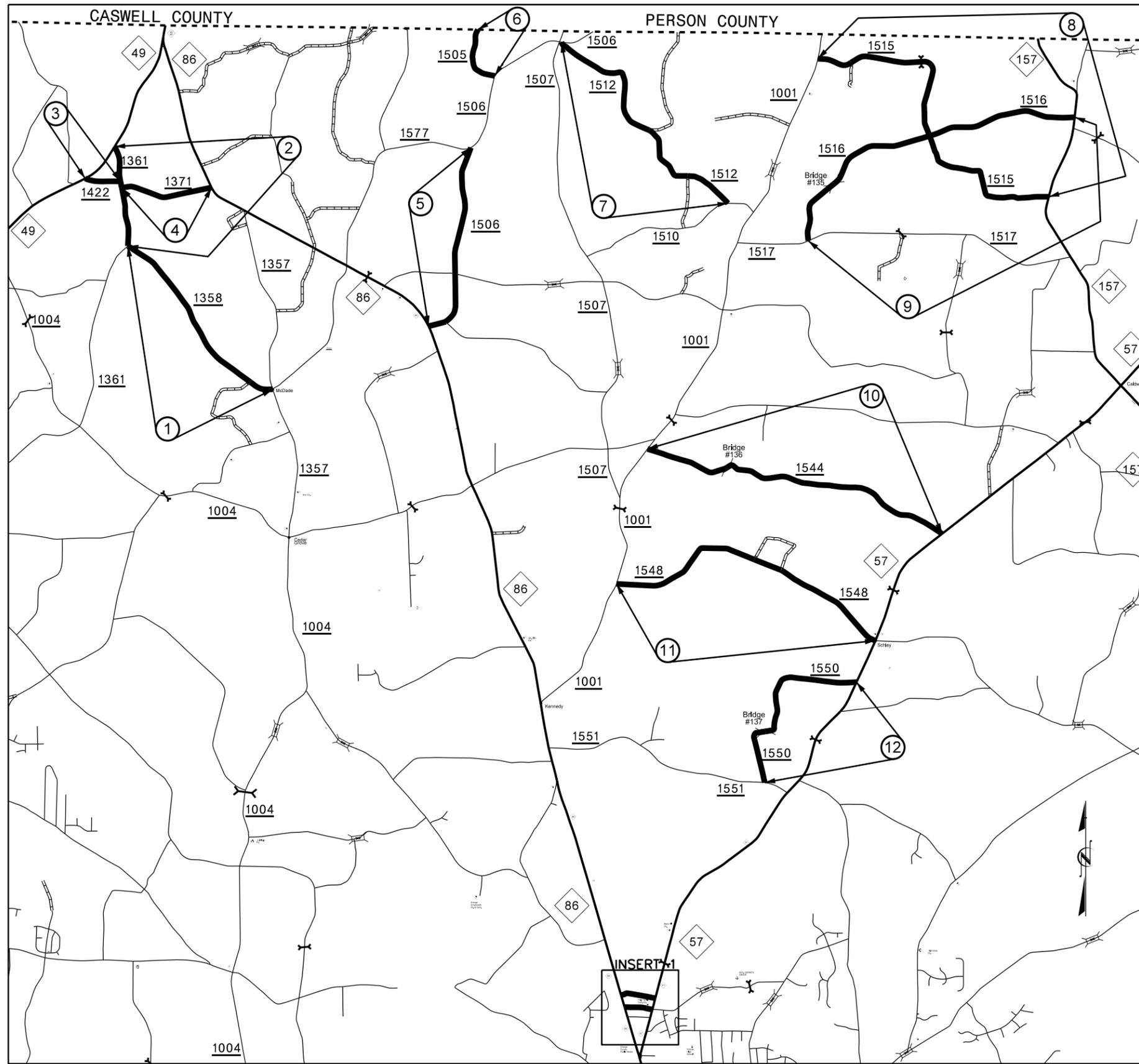
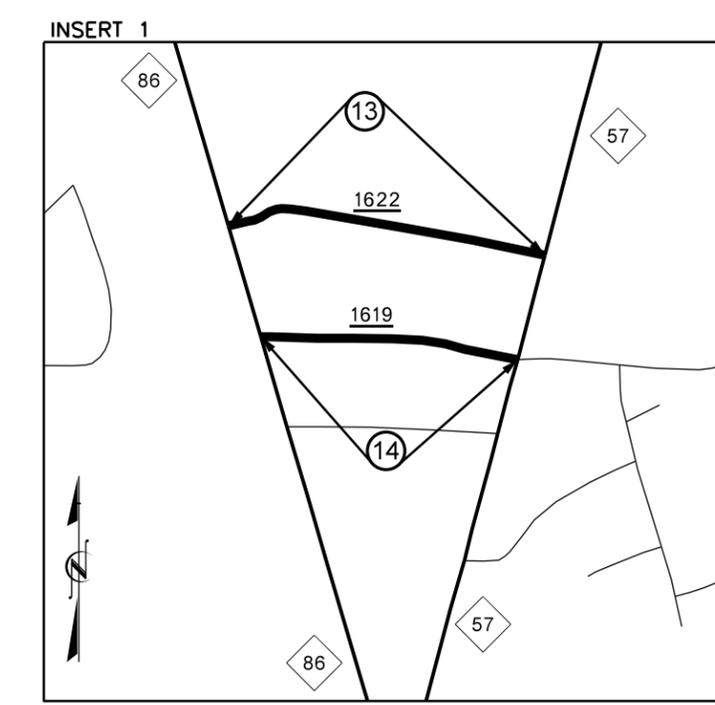


05-DEC-2014 11:34  
S:\DC\Resurfacing Projects\2015 BST Resurface\Orange\7CR.20681.45\CADD\2015 orang AST vicinity.dgn  
c:\thuskins AT D7CADD271574

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7SP.20685.1	1	5
F.A. PROJ. NO.			



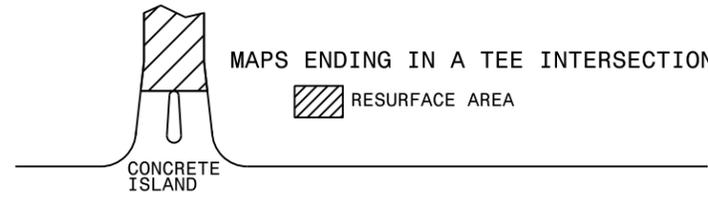
# 2015 ORANGE COUNTY



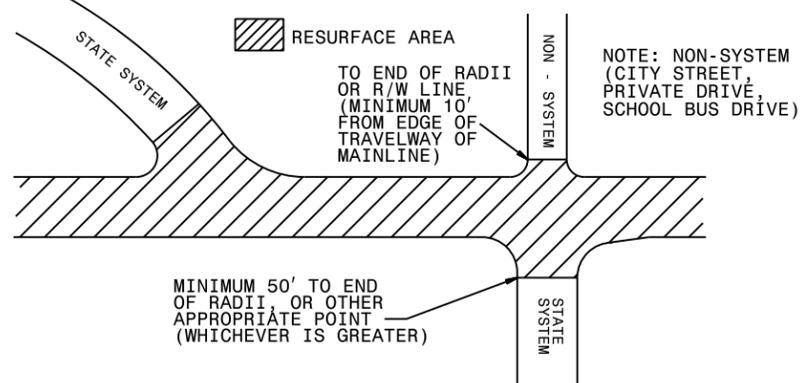
INSERT-1

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7SP.20685.1	2	5

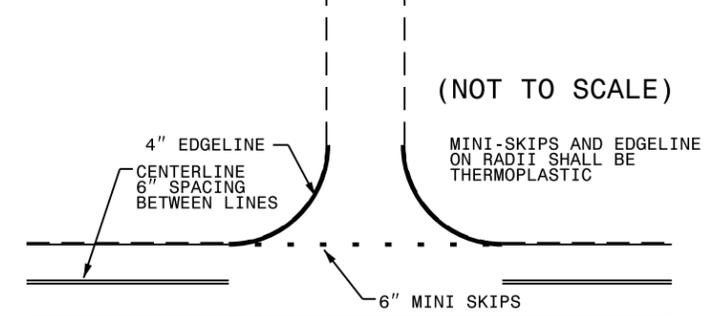
PAVING DETAIL 1  
MAIN LINE IS NOT BEING RESURFACED



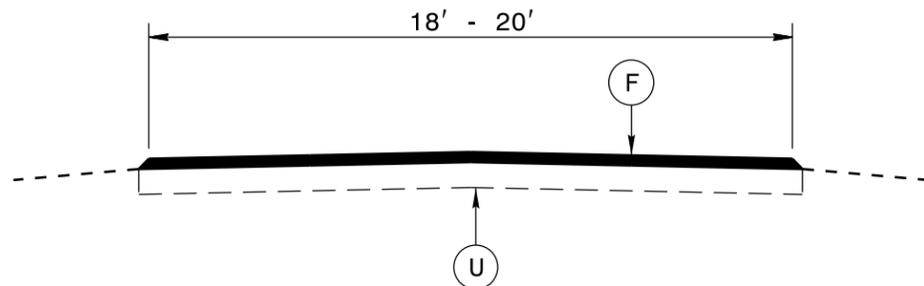
PAVING DETAIL 2  
MAIN LINE IS BEING RESURFACED



TO BE USED AT ALL  
NON-SIGNALIZED INTERSECTIONS



NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 6" AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".



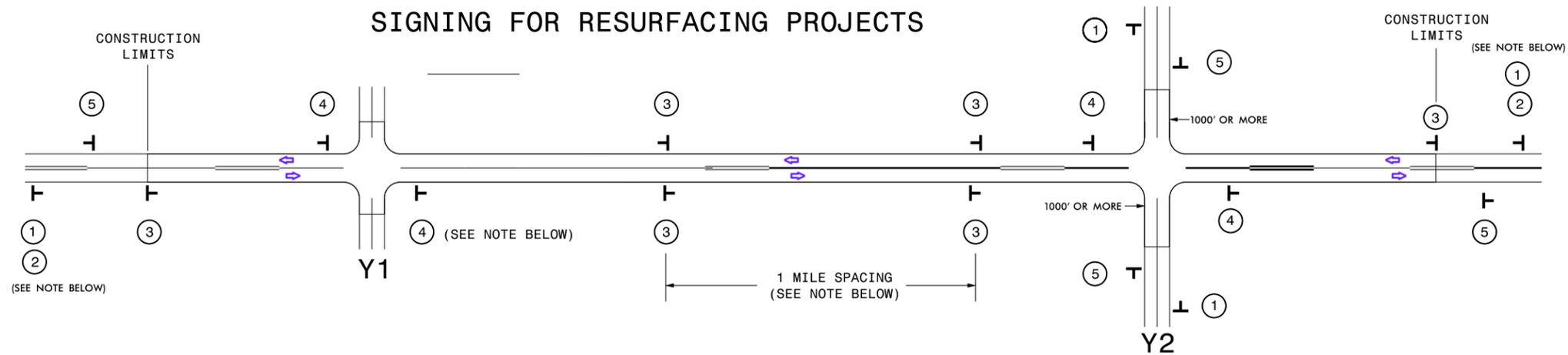
USED ON MAPS 1-14

TYPICAL SECTION NO. 1

\*NOTE: SKIP UNPAVED SECTION ON MAP 8

PAVEMENT SCHEDULE

F	PROPOSED ASPHALT SURFACE TREATMENT, SPLIT SEAL
U	EXISTING PAVEMENT.



LEGEND	
T	STATIONARY SIGN
↔	DIRECTION OF TRAFFIC FLOW

#### MAINLINE (-L-) SIGNING

#### -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	①	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	
	②	 W7-3aP 24" X 18"	#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	 SP 13107 48" X 48"	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	 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.	
⑤	 G20-2 A 48" X 24"	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.		
		 W20-1 48" X 48"	 W20-7 A 48" X 48"	
		PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.		

05-DEC-2014 11:34 S:\DDC\Resurfacing\Projects\2015 AST Resurfacing\Orange\75P.20685.1\CADD\typical.dgn



RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS

PROJECT NO.	SHEET NO.	TOTAL NO.
7SP.20685.1	4	5

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	ASPHALT SURFACE TREATMENT, SPLIT SEAL SY			
7SP.20685.1	Orange	1	SR 1358 (MCDADE STORE ROAD)	FROM SR 1357 (EFLAND CEDAR GROVE ROAD) - 0.00 TO SR 1361 (PENECOST ROAD) - 2.13	1	2	2WU	NO	NO	2.13	20	24,992			
<b>TOTAL FOR MAP NO. 1</b>										<b>2.13</b>		<b>24,992</b>			
7SP.20685.1	Orange	2	SR 1361 (MCDADE STORE ROAD)	FROM NC 49 - 0.00 TO SR 1358 (MCDADE STORE ROAD) - 1.03	1	2	2WU	NO	NO	1.03	20	12,085			
<b>TOTAL FOR MAP NO. 2</b>										<b>1.03</b>		<b>12,085</b>			
7SP.20685.1	Orange	3	SR 1422 (MCCULLOUGH ROAD)	FROM NC 49 - 0.00 TO SR 1361 (MCDADE STORE ROAD) - 0.36	1	2	2WU	NO	NO	0.36	20	4,224			
<b>TOTAL FOR MAP NO. 3</b>										<b>0.36</b>		<b>4,224</b>			
7SP.20685.1	Orange	4	SR 1371 (MCCULLOUGH ROAD)	FROM SR 1361 (MCDADE STORE ROAD) - 0.00 TO NC 86 - 0.94	1	2	2WU	NO	NO	0.94	20	11,029			
<b>TOTAL FOR MAP NO. 4</b>										<b>0.94</b>		<b>11,029</b>			
7SP.20685.1	Orange	5	SR 1506 (CAVINESS JORDAN ROAD)	FROM NC 86 - 3.88 TO SR 1577 (HURDLE MILLS ROAD) - 1.88	1	2	2WU	NO	NO	2	20	23,467			
<b>TOTAL FOR MAP NO. 5</b>										<b>2</b>		<b>23,467</b>			
7SP.20685.1	Orange	6	SR 1505 (WHEELER'S CHURCH ROAD)	FROM SR 1506 (HURDLE MILLS ROAD) - 0.62 TO PERSON COUNTY LINE - 0.00	1	2	2WU	NO	NO	0.62	20	7,275			
<b>TOTAL FOR MAP NO. 6</b>										<b>0.62</b>		<b>7,275</b>			
7SP.20685.1	Orange	7	SR 1512 (HESTER ROAD)	FROM SR 1510 (ORMOND ROAD) - 0.00 TO SR 1506 (HURDLE MILLS ROAD) - 2.65	1	2	2WU	NO	NO	2.65	20	31,093			
<b>TOTAL FOR MAP NO. 7</b>										<b>2.65</b>		<b>31,093</b>			
7SP.20685.1	Orange	8	SR 1515 (BREEZE ROAD)	FROM SR 1001 (WALNUT GROVE CHURCH ROAD) - 0.00 TO NC 157 - 3.51	1	2		NO	NO	3.11	20	36,491			
<b>TOTAL FOR MAP NO. 8</b>										<b>3.11</b>		<b>36,491</b>			
7SP.20685.1	Orange	9	SR 1516 (BROWN ROAD)	FROM NC 157 - 0.00 TO SR 1517 (LAW'S STORE ROAD) - 3.38	1	2	2WU	NO	NO	3.38	20	39,659			
<b>TOTAL FOR MAP NO. 9</b>										<b>3.38</b>		<b>39,659</b>			
7SP.20685.1	Orange	10	SR 1544 (PEARSON ROAD)	FROM SR 1001 (WALNUT GROVE CHURCH ROAD) - 0.00 TO NC 57 - 3.23	1	2	2WU	NO	NO	3.23	20	37,899			
<b>TOTAL FOR MAP NO. 10</b>										<b>3.23</b>		<b>37,899</b>			
7SP.20685.1	Orange	11	SR 1548 (SCHLEY ROAD)	FROM NC 57 - 3.07 TO SR 1001 (WALNUT GROVE CHURCH ROAD) - 0.00	1	2	2WU	NO	NO	3.07	20	36,021			
<b>TOTAL FOR MAP NO. 11</b>										<b>3.07</b>		<b>36,021</b>			
7SP.20685.1	Orange	12	SR 1550 (EDMUND LATTA ROAD)	FROM SR 1551 (PHELPS ROAD) - 2.24 TO NC 57 - 0.00	1	2	2WU	NO	NO	2.24	20	26,283			
<b>TOTAL FOR MAP NO. 12</b>										<b>2.24</b>		<b>26,283</b>			
7SP.20685.1	Orange	13	SR 1622 (ROCKY LANE)	FROM NC 86 - 0.00 TO NC 57 - 0.35	1	2	2WU	NO	NO	0.35	20	4,107			
<b>TOTAL FOR MAP NO. 13</b>										<b>0.35</b>		<b>4,107</b>			
7SP.20685.1	Orange	14	SR 1619 (GOVERNOR BURKE ROAD)	FROM NC 86 - 0.28 TO NC 57 - 0.00	1	2	2WU	NO	NO	0.28	18	2,957			
<b>TOTAL FOR MAP NO. 14</b>										<b>0.28</b>		<b>2,957</b>			
<b>TOTAL FOR PROJ NO. 7SP.20685.1</b>										<b>25.39</b>		<b>297,582</b>			
<b>GRAND TOTAL</b>													<b>25.39</b>		<b>297,582</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
7SP.20685.1	5	5

# THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE SIGNS (STAT.) SF	4" WHITE PAINT LF	4" YELLOW PAINT LF	6" WHITE PAINT LF						
7SP.20685.1	Orange	1	SR 1358 (MCDADE STORE ROAD)	FROM SR 1357 (EFLAND CEDAR GROVE ROAD) - 0.00 TO SR 1361 (PENECOST ROAD) - 2.13	1	2	2WU	2.13	20	239	44,986	32,286	44						
<b>TOTAL FOR MAP NO. 1</b>											<b>2.13</b>	<b>239</b>	<b>44,986</b>	<b>32,286</b>	<b>44</b>				
7SP.20685.1	Orange	2	SR 1361 (MCDADE STORE ROAD)	FROM NC 49 - 0.00 TO SR 1358 (MCDADE STORE ROAD) - 1.03	1	2	2WU	1.03	20	116	21,754	21,754	42						
<b>TOTAL FOR MAP NO. 2</b>											<b>1.03</b>	<b>116</b>	<b>21,754</b>	<b>21,754</b>	<b>42</b>				
7SP.20685.1	Orange	3	SR 1422 (MCCULLOUGH ROAD)	FROM NC 49 - 0.00 TO SR 1361 (MCDADE STORE ROAD) - 0.36	1	2	2WU	0.36	20	41	7,603	5,774							
<b>TOTAL FOR MAP NO. 3</b>											<b>0.36</b>	<b>41</b>	<b>7,603</b>	<b>5,774</b>					
7SP.20685.1	Orange	4	SR 1371 (MCCULLOUGH ROAD)	FROM SR 1361 (MCDADE STORE ROAD) - 0.00 TO NC 86 - 0.94	1	2	2WU	0.94	20	106	19,853	11,360							
<b>TOTAL FOR MAP NO. 4</b>											<b>0.94</b>	<b>106</b>	<b>19,853</b>	<b>11,360</b>					
7SP.20685.1	Orange	5	SR 1506 (CAVINESS JORDAN ROAD)	FROM NC 86 - 3.88 TO SR 1577 (HURDLE MILLS ROAD) - 1.88	1	2	2WU	2	20	224	42,240	40,156	24						
<b>TOTAL FOR MAP NO. 5</b>											<b>2</b>	<b>224</b>	<b>42,240</b>	<b>40,156</b>	<b>24</b>				
7SP.20685.1	Orange	6	SR 1505 (WHEELER'S CHURCH ROAD)	FROM SR 1506 (HURDLE MILLS ROAD) - 0.62 TO PERSON COUNTY LINE - 0.00	1	2	2WU	0.62	20	70	13,094	13,094							
<b>TOTAL FOR MAP NO. 6</b>											<b>0.62</b>	<b>70</b>	<b>13,094</b>	<b>13,094</b>					
7SP.20685.1	Orange	7	SR 1512 (HESTER ROAD)	FROM SR 1510 (ORMOND ROAD) - 0.00 TO SR 1506 (HURDLE MILLS ROAD) - 2.65	1	2	2WU	2.65	20	297	55,968	55,968	40						
<b>TOTAL FOR MAP NO. 7</b>											<b>2.65</b>	<b>297</b>	<b>55,968</b>	<b>55,968</b>	<b>40</b>				
7SP.20685.1	Orange	8	SR 1515 (BREEZE ROAD)	FROM SR 1001 (WALNUT GROVE CHURCH ROAD) - 0.00 TO NC 157 - 3.51	1	2		3.11	20	349	65,683	45,888	18						
<b>TOTAL FOR MAP NO. 8</b>											<b>3.11</b>	<b>349</b>	<b>65,683</b>	<b>45,888</b>	<b>18</b>				
7SP.20685.1	Orange	9	SR 1516 (BROWN ROAD)	FROM NC 157 - 0.00 TO SR 1517 (LAW'S STORE ROAD) - 3.38	1	2	2WU	3.38	20	379	71,386	66,534	56						
<b>TOTAL FOR MAP NO. 9</b>											<b>3.38</b>	<b>379</b>	<b>71,386</b>	<b>66,534</b>	<b>56</b>				
7SP.20685.1	Orange	10	SR 1544 (PEARSON ROAD)	FROM SR 1001 (WALNUT GROVE CHURCH ROAD) - 0.00 TO NC 57 - 3.23	1	2	2WU	3.23	20	362	68,218	68,218							
<b>TOTAL FOR MAP NO. 10</b>											<b>3.23</b>	<b>362</b>	<b>68,218</b>	<b>68,218</b>					
7SP.20685.1	Orange	11	SR 1548 (SCHLEY ROAD)	FROM NC 57 - 3.07 TO SR 1001 (WALNUT GROVE CHURCH ROAD) - 0.00	1	2	2WU	3.07	20	344	64,838	55,732							
<b>TOTAL FOR MAP NO. 11</b>											<b>3.07</b>	<b>344</b>	<b>64,838</b>	<b>55,732</b>					
7SP.20685.1	Orange	12	SR 1550 (EDMUND LATTA ROAD)	FROM SR 1551 (PHELPS ROAD) - 2.24 TO NC 57 - 0.00	1	2	2WU	2.24	20	251	47,309	47,309							
<b>TOTAL FOR MAP NO. 12</b>											<b>2.24</b>	<b>251</b>	<b>47,309</b>	<b>47,309</b>					
7SP.20685.1	Orange	13	SR 1622 (ROCKY LANE)	FROM NC 86 - 0.00 TO NC 57 - 0.35	1	2	2WU	0.35	20	40	7,392	6,350							
<b>TOTAL FOR MAP NO. 13</b>											<b>0.35</b>	<b>40</b>	<b>7,392</b>	<b>6,350</b>					
7SP.20685.1	Orange	14	SR 1619 (GOVERNOR BURKE ROAD)	FROM NC 86 - 0.28 TO NC 57 - 0.00	1	2	2WU	0.28	18	32	5,914	5,914							
<b>TOTAL FOR MAP NO. 14</b>											<b>0.28</b>	<b>32</b>	<b>5,914</b>	<b>5,914</b>					
<b>TOTAL FOR PROJ NO. 7SP.20685.1</b>											<b>25.39</b>	<b>2,850</b>	<b>536,238</b>	<b>476,337</b>	<b>224</b>				
													<b>1,012,575</b>						
<b>GRAND TOTAL</b>														<b>25.39</b>		<b>2,850</b>	<b>536,238</b>	<b>476,337</b>	<b>224</b>
																	<b>1,012,575</b>		