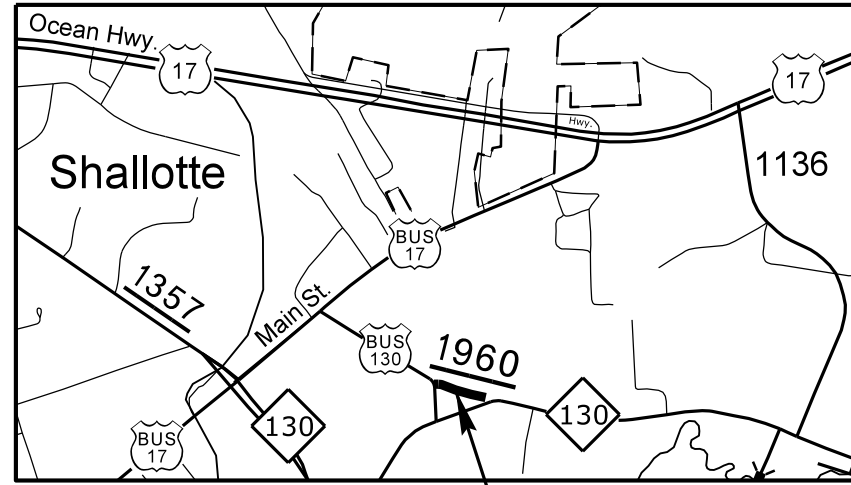


MAPS N.T.S.

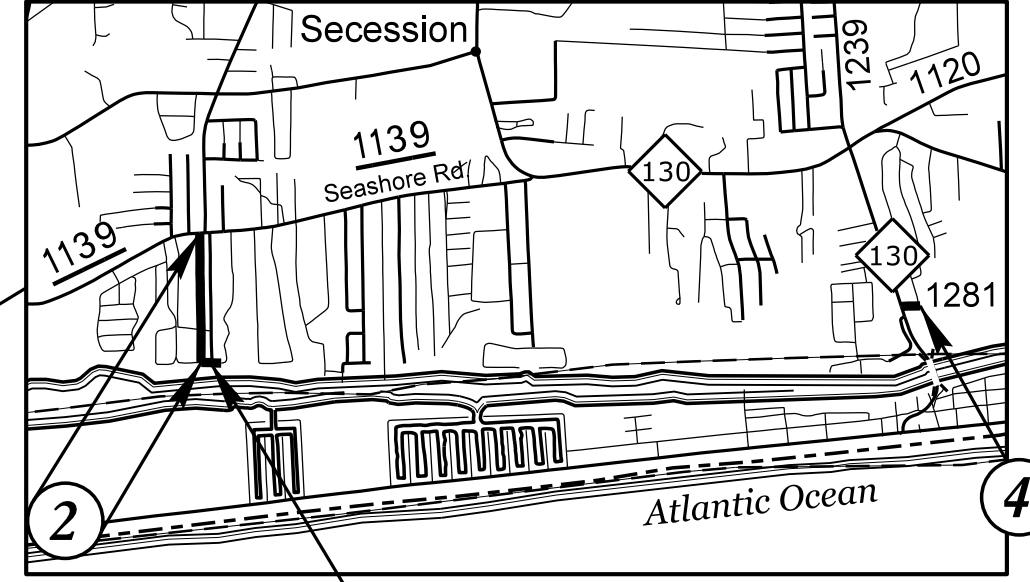
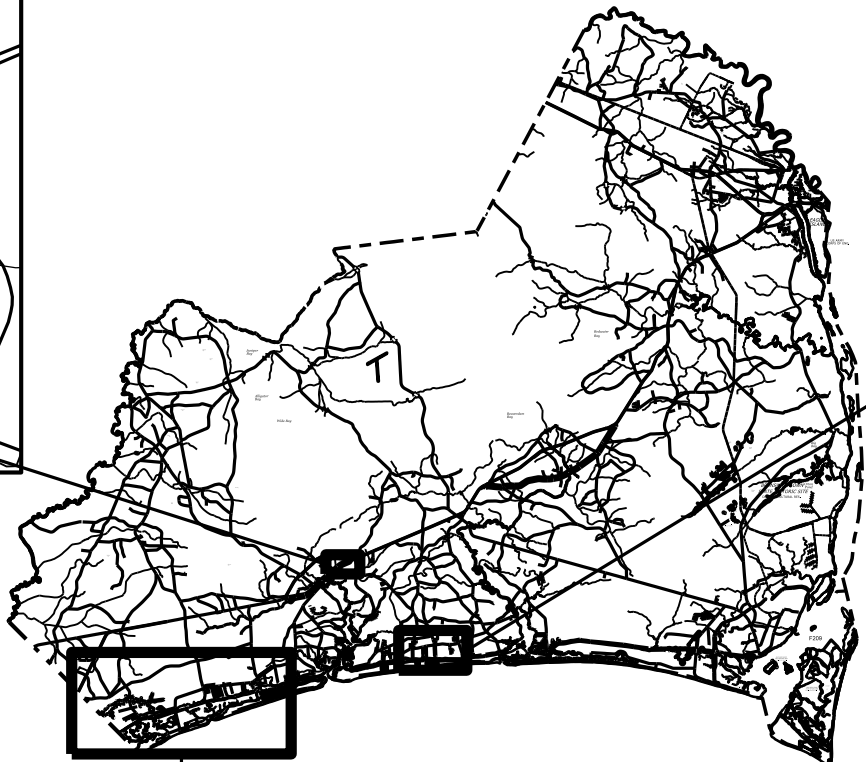
# BRUNSWICK COUNTY

LOCATION: 10 SECTIONS OF SECONDARY ROADS

TYPE OF WORK: PATCHING, RESURFACING & THERMOPLASTIC PAVEMENT MARKINGS, ETC.



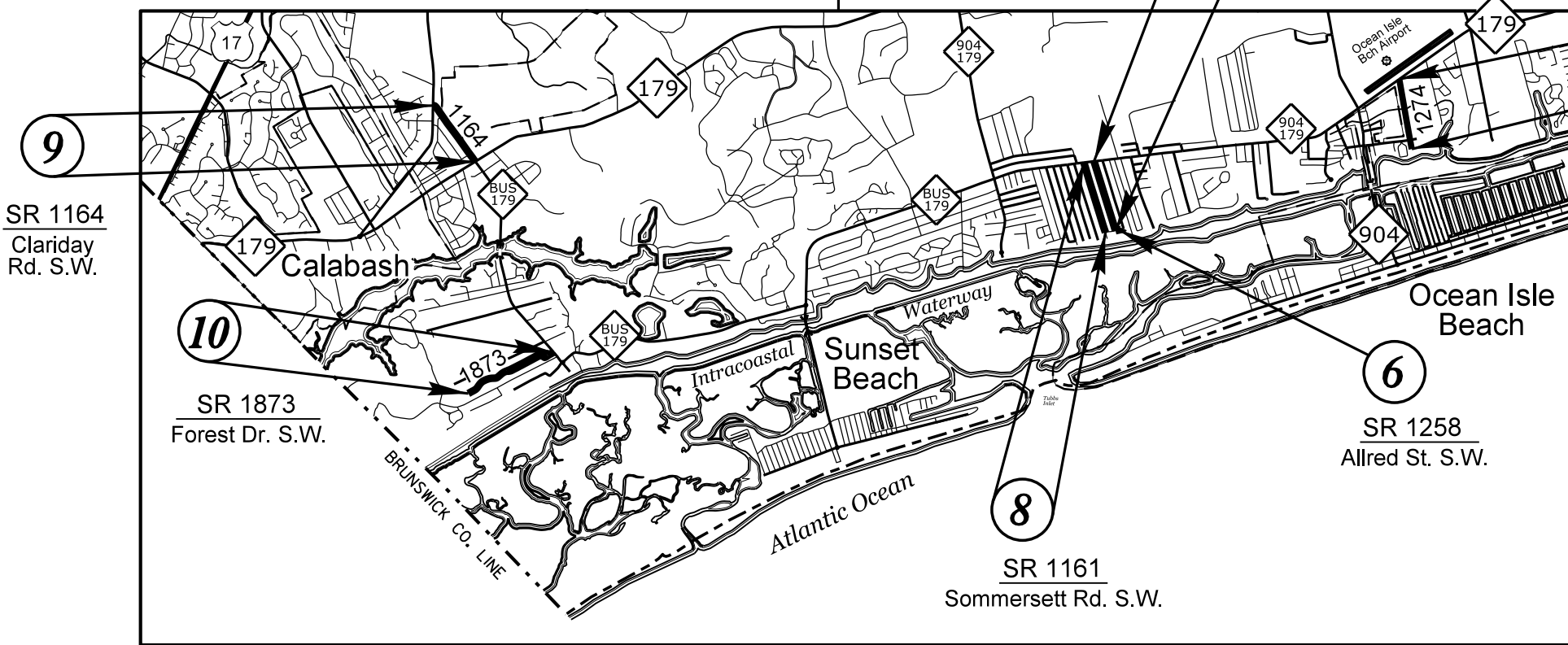
**1**  
SR 1960  
Old Holden Beach Rd.



**2**  
SR 1216  
Live Oak Dr. S.W.

**3**  
SR 1215  
Calvert St.

**4**  
SR 1281  
Access Rd. S.W.



**9**  
SR 1164  
Clariday Rd. S.W.

**10**  
SR 1873  
Forest Dr. S.W.

**5**  
SR 1259  
Kittrell Dr. S.W.

**7**  
SR 1274  
Eyota Dr. S.W.

**6**  
SR 1258  
Allred St. S.W.

**8**  
SR 1161  
Sommersett Rd. S.W.

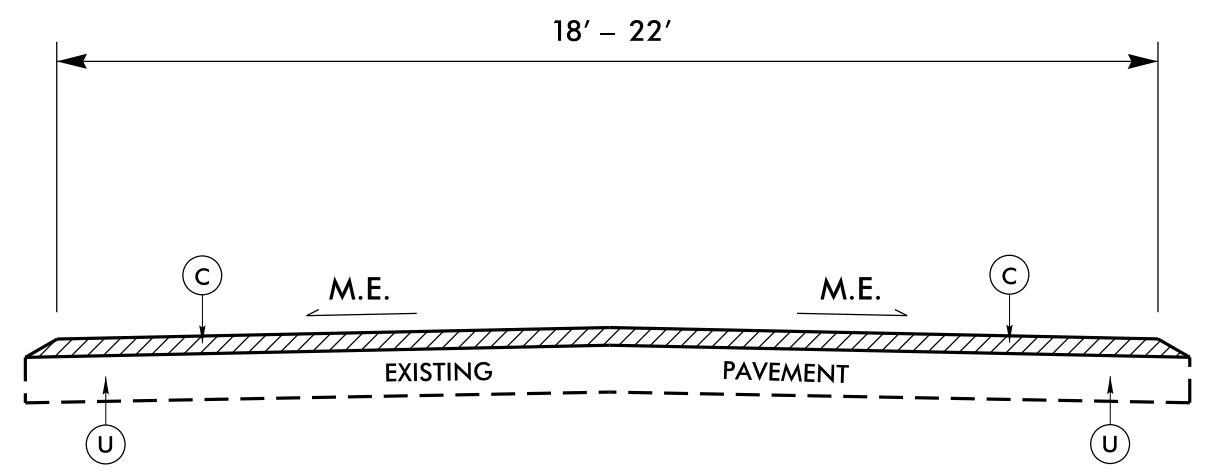
INDEX OF SHEETS	
SHEET NO.	SHEET
1	INDEX OF SHEETS & TITLE SHEET
2 - 3	PAVEMENT SCHEDULE, TYPICAL SECTIONS & DETAIL SHEETS
4 - 5	SUMMARY OF QUANTITIES
6	TRAFFIC CONTROL DETAIL

REVISIONS

03-JUN-2016 10:42:11 S:\Division Resurfacing\System Preservation\2016 Brunswick Preservation\2016CPT.03.29.20102.Rdu\_TSH.dgn  
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03-JUN-2016 10:43  
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 \$\$\$SERNAME\$\$\$

REVISIONS



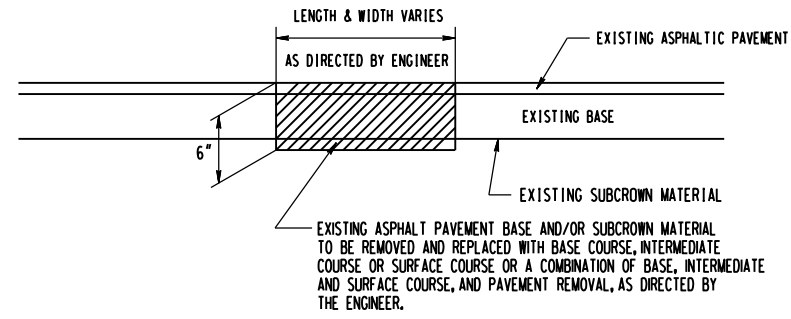
**TYPICAL SECTION NO. 1**

- |   |  |  |
|---|--|--|
| <b>MAP NO. 1</b><br>SR 1960 (OLD HOLDEN BCH RD.)<br>MP 0.000 – MP 0.138 | <b>MAP NO. 5</b><br>SR 1259 (KITRELL DR. S.W.)<br>MP 0.000 – MP 0.527    | <b>MAP NO. 9</b><br>SR 1164 (CLARIDAY RD. S.W.)<br>MP 0.000 – MP 0.510 |
| <b>MAP NO. 2</b><br>SR 1216 (LIVE OAK DR. S.W.)<br>MP 0.000 – MP 0.445  | <b>MAP NO. 6</b><br>SR 1258 (ALLRED ST. S.W.)<br>MP 0.000 – MP 0.060     | <b>MAP NO. 10</b><br>SR 1873 (FOREST DR. S.W.)<br>MP 0.000 – MP 0.770  |
| <b>MAP NO. 3</b><br>SR 1215 (CALVERT ST.)<br>MP 0.000 – MP 0.034        | <b>MAP NO. 7</b><br>SR 1274 (EYOTA DR. S.W.)<br>MP 0.000 – MP 0.516      |  |
| <b>MAP NO. 4</b><br>SR 1281 (ACCESS RD. S.W.)<br>MP 0.000 – MP 0.068    | <b>MAP NO. 8</b><br>SR 1161 (SOMMERSETT RD. S.W.)<br>MP 0.000 – MP 0.529 |  |

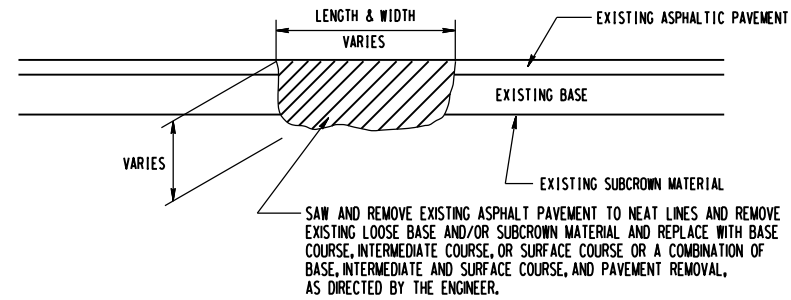
PAVEMENT SCHEDULE	
<b>C</b>	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 113 LBS. PER SQ.YD.
<b>U</b>	EXISTING PAVEMENT

SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE OFFSETS.

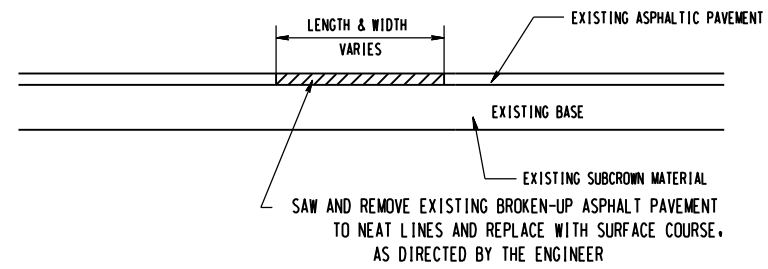
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



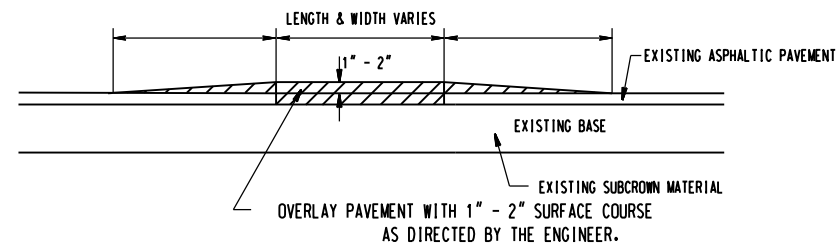
DETAIL NO. 1



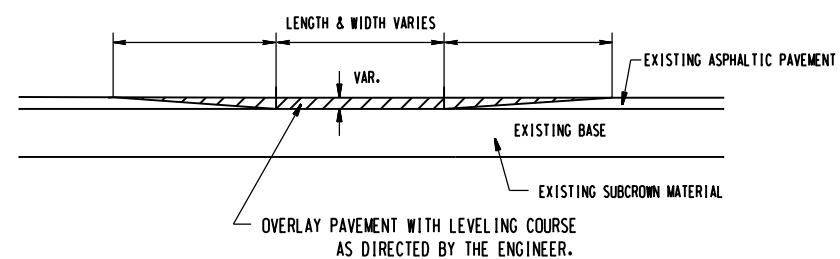
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4



DETAIL NO. 5

REVISIONS

20-APP-2015-1156  
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 \$\$\$SERIAL\$\$\$

PROJECT NO.	SHEET NO.
2016CPT.03.29.20102	4

## SUMMARY OF QUANTITIES

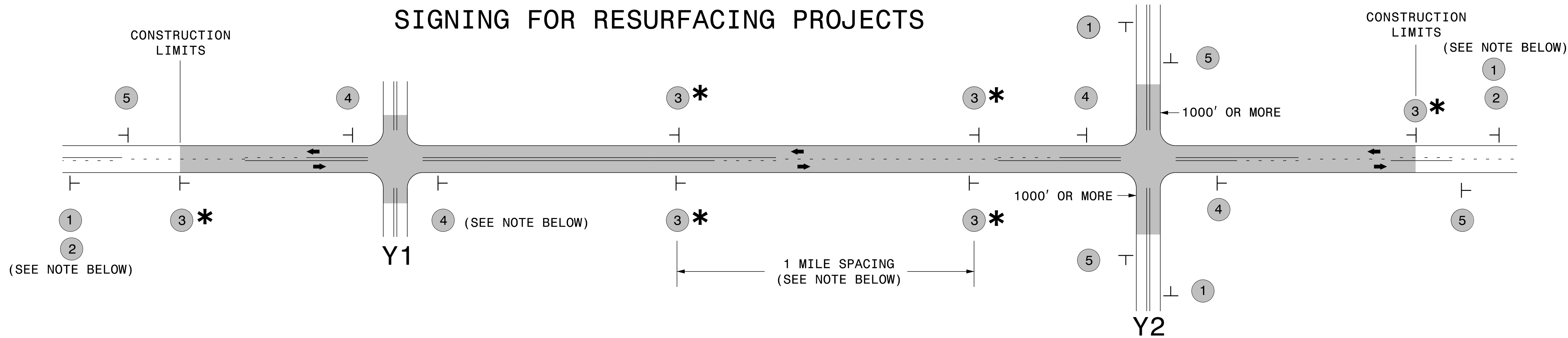
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	ASPHALT CONC SURFACE COURSE, TYPE S4.75A TON	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TON
2016CPT.03.29.20102	Brunswick	1	SR 1960 (OLD HOLDEN BEACH RD)	FROM NC 130 TO DEAD END (MP 0.000 - MP 0.138)	1	2	2WU	NO	NO	0.138	22	77	5.00	5
<b>TOTAL FOR MAP NO. 1</b>										<b>0.138</b>		<b>77</b>	<b>5.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	2	SR 1216 (LIVE OAK DRIVE S.W.)	FROM SR 1139 TO SR 1215 (MP 0.000 - MP 0.445)	1	2	2WU	NO	NO	0.445	20	248	17.00	5
<b>TOTAL FOR MAP NO. 2</b>										<b>0.445</b>		<b>248</b>	<b>17.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	3	SR 1215 (CALVERT STREET)	FROM SR 1216 TO SR 1214 (MP 0.000 - MP 0.034)	1	2	2WU	NO	NO	0.034	20	19	1.00	5
<b>TOTAL FOR MAP NO. 3</b>										<b>0.034</b>		<b>19</b>	<b>1.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	4	SR 1281 (ACCESS RD S.W.)	FROM NC 130 TO END MAINT (MP 0.000 -MP 0.068)	1	2	2WU	NO	NO	0.068	18	38	3.00	5
<b>TOTAL FOR MAP NO. 4</b>										<b>0.068</b>		<b>38</b>	<b>3.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	5	SR 1259 (KITRELL DRIVE S.W.)	FROM NC 179 TO SR 1258 (MP 0.000 - MP 0.527)	1	2	2WU	NO	NO	0.527	20	326	22.00	5
<b>TOTAL FOR MAP NO. 5</b>										<b>0.527</b>		<b>326</b>	<b>22.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	6	SR 1258 (ALLRED STREET S.W.)	FROM SR 1257 TO SR 1259 (MP 0.000 - MP 0.06)	1	2	2WU	NO	NO	0.06	20	37	3.00	5
<b>TOTAL FOR MAP NO. 6</b>										<b>0.06</b>		<b>37</b>	<b>3.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	7	SR 1274 (EYOTA DRIVE S.W.)	FROM NC 179 TO DEAD END (MP 0.000 - MP 0.516)	1	2	2WU	NO	NO	0.516	20	319	22.00	5
<b>TOTAL FOR MAP NO. 7</b>										<b>0.516</b>		<b>319</b>	<b>22.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	8	SR 1161 (SOMMERSETT RD S.W.)	FROM NC 179 TO DEAD END (MP 0.000 - MP 0.529)	1	2	2WU	NO	NO	0.529	18	295	20.00	5
<b>TOTAL FOR MAP NO. 8</b>										<b>0.529</b>		<b>295</b>	<b>20.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	9	SR 1164 (CLARIDAY RD S.W.)	FROM SR 1165 TO NC 179 (MP 0.000 - MP 0.510)	1	2	2WU	NO	NO	0.51	18	284	19.00	5
<b>TOTAL FOR MAP NO. 9</b>										<b>0.51</b>		<b>284</b>	<b>19.00</b>	<b>5</b>
2016CPT.03.29.20102	Brunswick	10	SR 1873 (FOREST DRIVE S.W.)	FROM HWY 179 TO DEAD END (MP 0.000 - MP 0.770)	1	2	2WU	NO	NO	0.77	18	455	31.00	5
<b>TOTAL FOR MAP NO. 10</b>										<b>0.77</b>		<b>455</b>	<b>31.00</b>	<b>5</b>
<b>TOTAL FOR PROJ NO. 2016CPT.03.29.20102</b>										<b>3.597</b>		<b>2,098</b>	<b>143.00</b>	<b>50</b>
<b>GRAND TOTAL</b>										<b>3.597</b>		<b>2,098</b>	<b>143.00</b>	<b>50</b>

PROJECT NO.	SHEET NO.
2016CPT.03.29.20102	5

**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E	4686000000-E			4700000000-E	4710000000-E	4725000000-E		4900000000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	12" X 90 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	THERMO LT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	YELLOW & YELLOW MARKERS EA	
2016CPT.03.29.20102	Brunswick	1	SR 1960 (OLD HOLDEN BEACH RD)	FROM NC 130 TO DEAD END (MP 0.000 - MP 0.138)	1	2	2WU	0.138	22	32	0.04	1,485	911			20			9	
<b>TOTAL FOR MAP NO. 1</b>									<b>32</b>	<b>0.04</b>	<b>1,485</b>	<b>911</b>			<b>20</b>			<b>9</b>		
2016CPT.03.29.20102	Brunswick	2	SR 1216 (LIVE OAK DRIVE S.W.)	FROM SR 1139 TO SR 1215 (MP 0.000 - MP 0.445)	1	2	2WU	0.445	20	16	0.12									
<b>TOTAL FOR MAP NO. 2</b>									<b>16</b>	<b>0.12</b>										
2016CPT.03.29.20102	Brunswick	3	SR 1215 (CALVERT STREET)	FROM SR 1216 TO SR 1214 (MP 0.000 -MP 0.034)	1	2	2WU	0.034	20	16	0.01									
<b>TOTAL FOR MAP NO. 3</b>									<b>16</b>	<b>0.01</b>										
2016CPT.03.29.20102	Brunswick	4	SR 1281 (ACCESS RD S.W.)	FROM NC 130 TO END MAINT (MP 0.000 - MP 0.068)	1	2	2WU	0.068	18	16	0.02									
<b>TOTAL FOR MAP NO. 4</b>									<b>16</b>	<b>0.02</b>										
2016CPT.03.29.20102	Brunswick	5	SR 1259 (KITTRELL DRIVE S.W.)	FROM NC 179 TO SR 1258 (MP 0.000 - MP 0.527)	1	2	2WU	0.527	20	16	0.15									
<b>TOTAL FOR MAP NO. 5</b>									<b>16</b>	<b>0.15</b>										
2016CPT.03.29.20102	Brunswick	6	SR 1258 (ALLRED STREET S.W.)	FROM SR 1257 TO SR 1259 (MP 0.000 - MP 0.060)	1	2	2WU	0.06	20	16	0.02									
<b>TOTAL FOR MAP NO. 6</b>									<b>16</b>	<b>0.02</b>										
2016CPT.03.29.20102	Brunswick	7	SR 1274 (EYOTA DRIVE S.W.)	FROM NC 179 TO DEAD END (MP 0.000 - MP 0.516)	1	2	2WU	0.516	20	16	0.14									
<b>TOTAL FOR MAP NO. 7</b>									<b>16</b>	<b>0.14</b>										
2016CPT.03.29.20102	Brunswick	8	SR 1161 (SOMMERSETT RD S.W.)	FROM NC 179 TO DEAD END (MP 0.000 - MP 0.529)	1	2	2WU	0.529	18	16	0.15									
<b>TOTAL FOR MAP NO. 8</b>									<b>16</b>	<b>0.15</b>										
2016CPT.03.29.20102	Brunswick	9	SR 1164 (CLARIDAY RD S.W.)	FROM SR 1165 TO NC 179 (MP 0.000 - MP 0.510)	1	2	2WU	0.51	18	32	0.14	5,488	3,366	210	50	5	2	34		
<b>TOTAL FOR MAP NO. 9</b>									<b>32</b>	<b>0.14</b>	<b>5,488</b>	<b>3,366</b>	<b>210</b>	<b>50</b>	<b>5</b>	<b>2</b>	<b>34</b>			
2016CPT.03.29.20102	Brunswick	10	SR 1873 (FOREST DRIVE S.W.)	FROM HWY 179 TO DEAD END (MP 0.000 - MP 0.770)	1	2	2WU	0.77	18	16	0.21									
<b>TOTAL FOR MAP NO. 10</b>									<b>16</b>	<b>0.21</b>										
<b>TOTAL FOR PROJ NO. 2016CPT.03.29.20102</b>									<b>192</b>	<b>1</b>	<b>6,973</b>	<b>4,277</b>	<b>210</b>	<b>50</b>	<b>20</b>	<b>5</b>	<b>2</b>	<b>43</b>		
<b>GRAND TOTAL</b>												<b>4,487</b>			<b>7</b>					
<b>GRAND TOTAL</b>									<b>3.597</b>			<b>4,487</b>				<b>7</b>				

# SIGNING FOR RESURFACING PROJECTS



LEGEND	
⊥	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

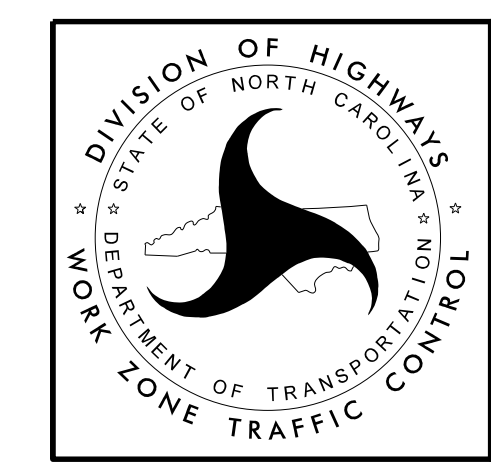
## MAINLINE (-L-) SIGNING

## -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.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> <li>LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>SUBDIVISION ROADS</li> <li>DEAD END ROADS</li> </ol> <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             W20-1            48" X 48"         </div> <div style="text-align: center;">             W20-7 A            48" X 48"         </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	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.		

### \* 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