

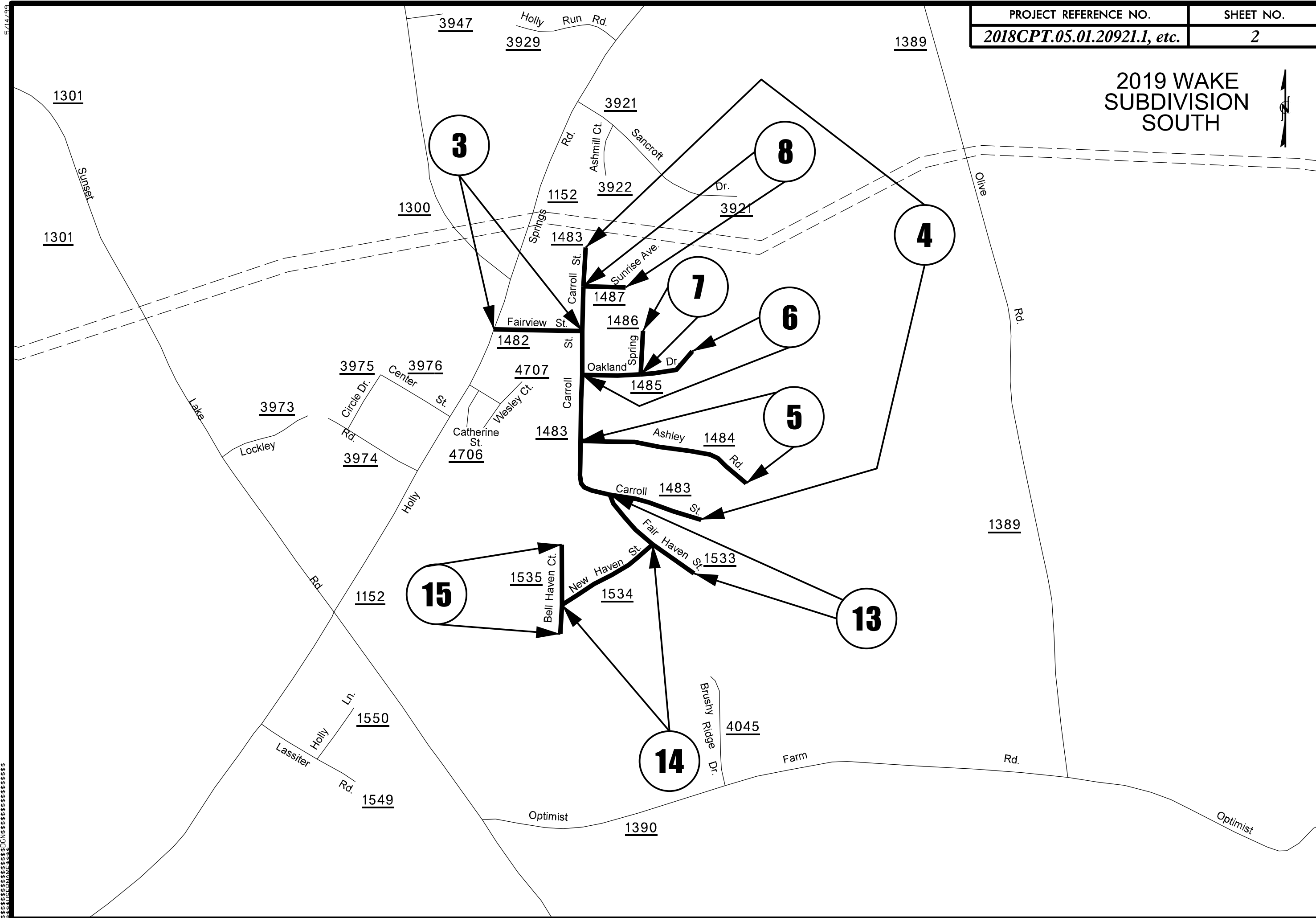
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2019 WAKE  
SUBDIVISION  
SOUTH

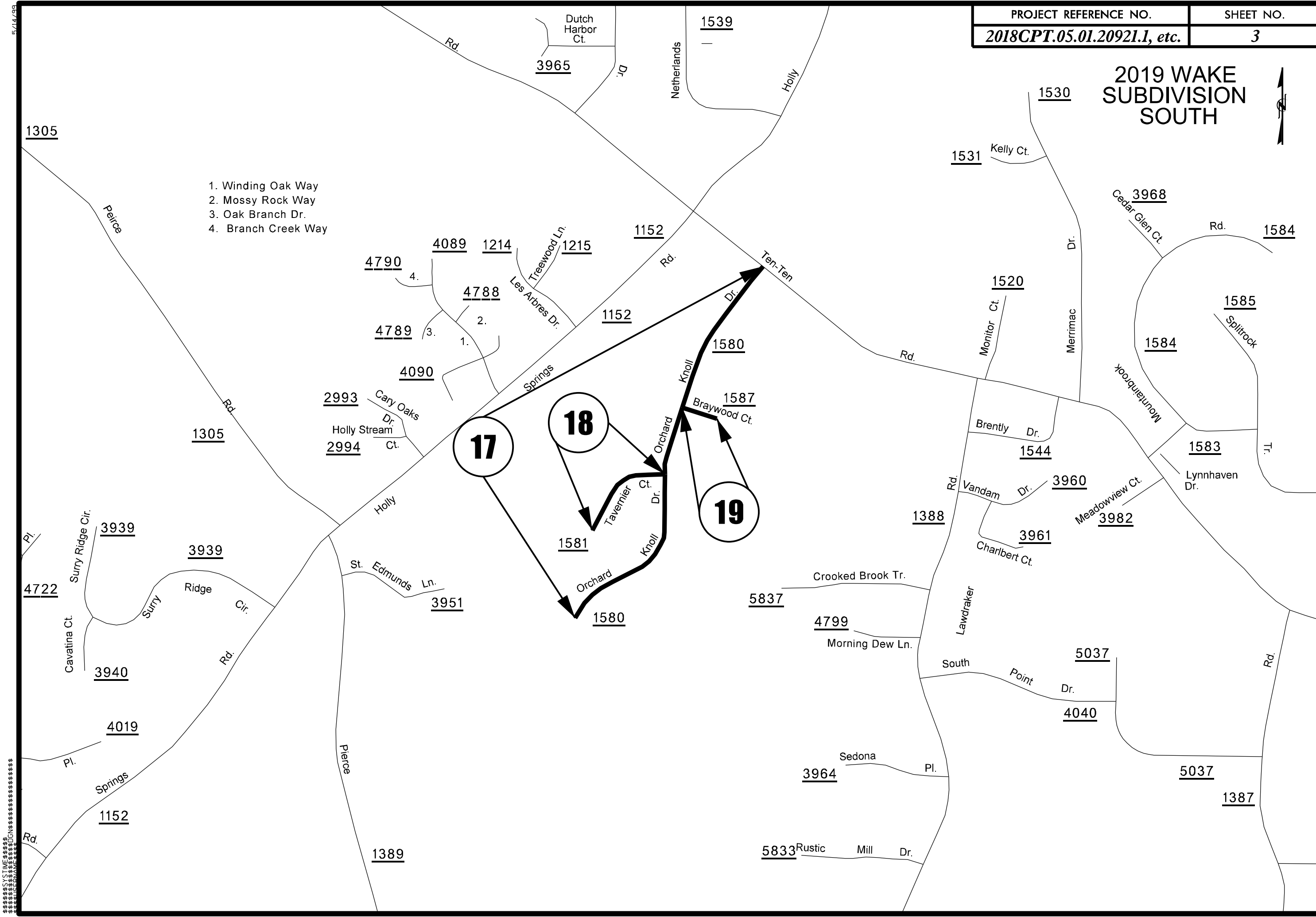


5/14/99  
C:\ACTIVE\DRAWINGS\2019\2019 WAKE SUBDIVISION SOUTH.dwg

# 2019 WAKE SUBDIVISION SOUTH



1. Winding Oak Way
2. Mossy Rock Way
3. Oak Branch Dr.
4. Branch Creek Way



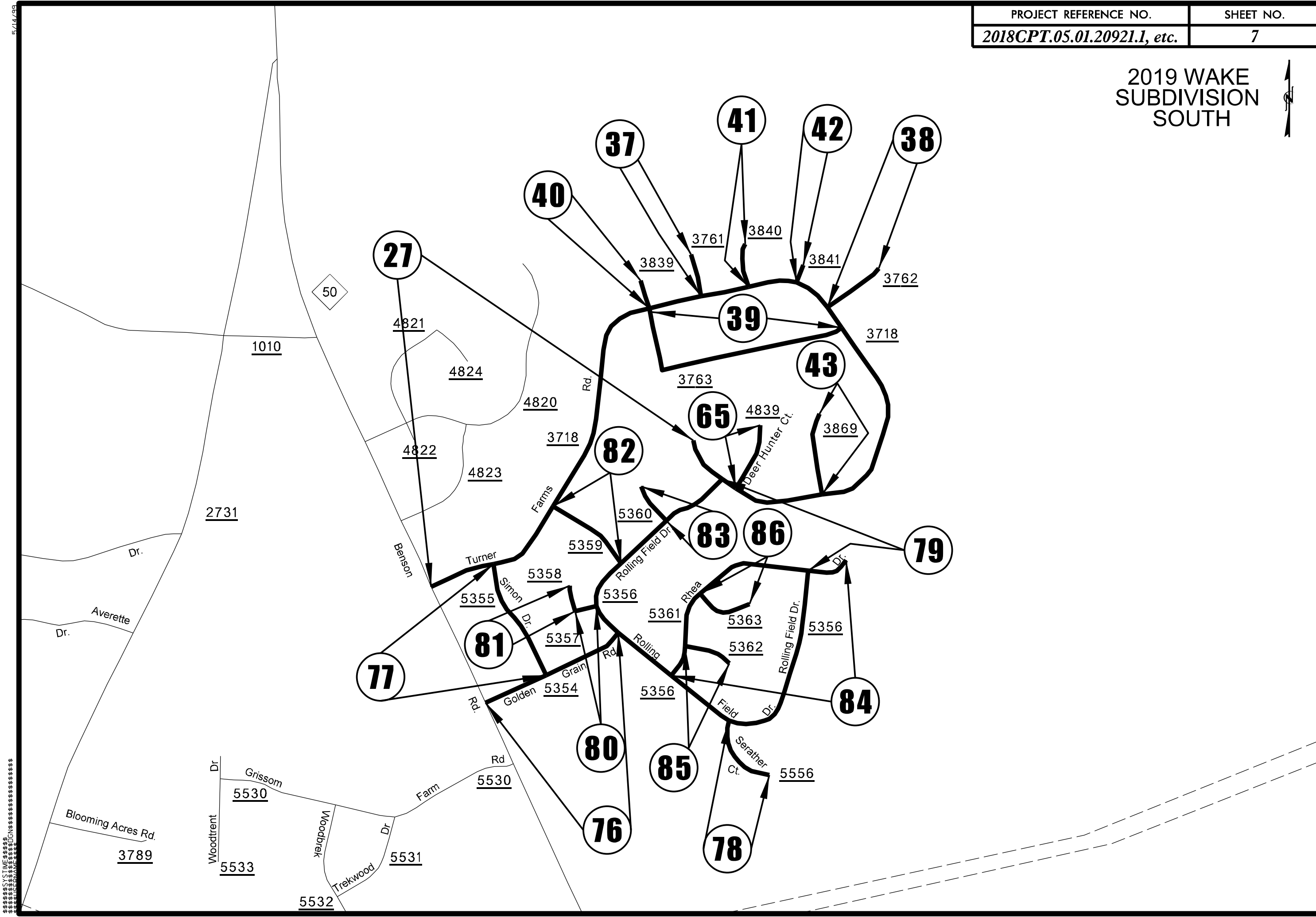
5/14/2019  
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2019 WAKE  
SUBDIVISION  
SOUTH



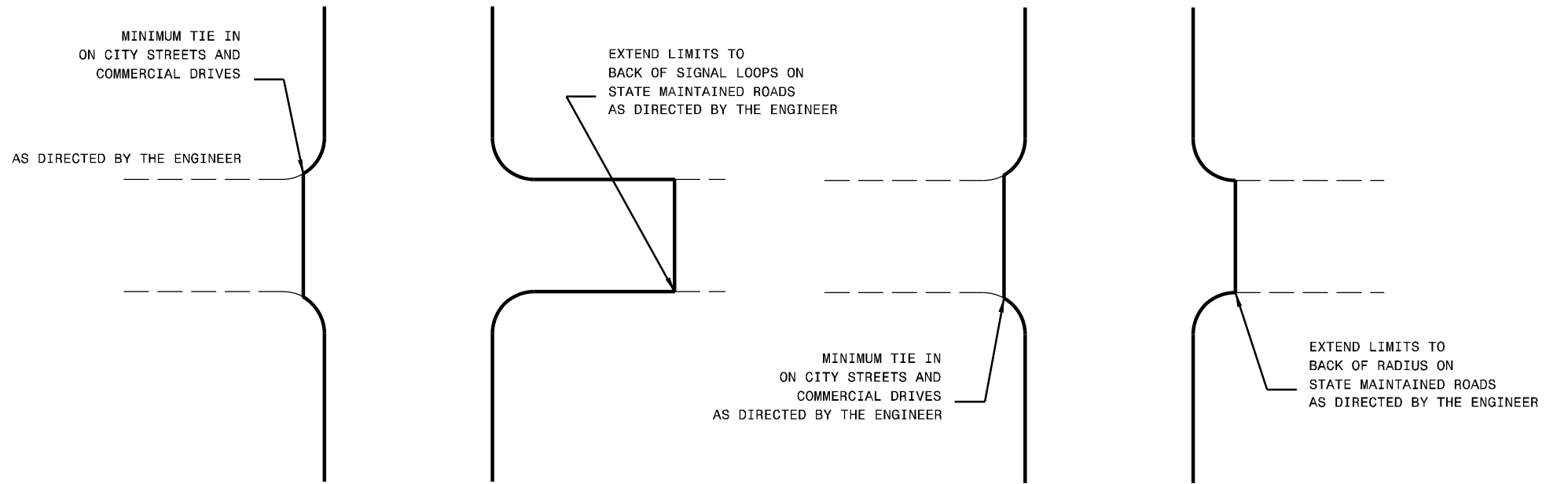


# PAVEMENT SCHEDULE

PROJECT REFERENCE NO.  
2018CPT.05.01.20921J, etc.

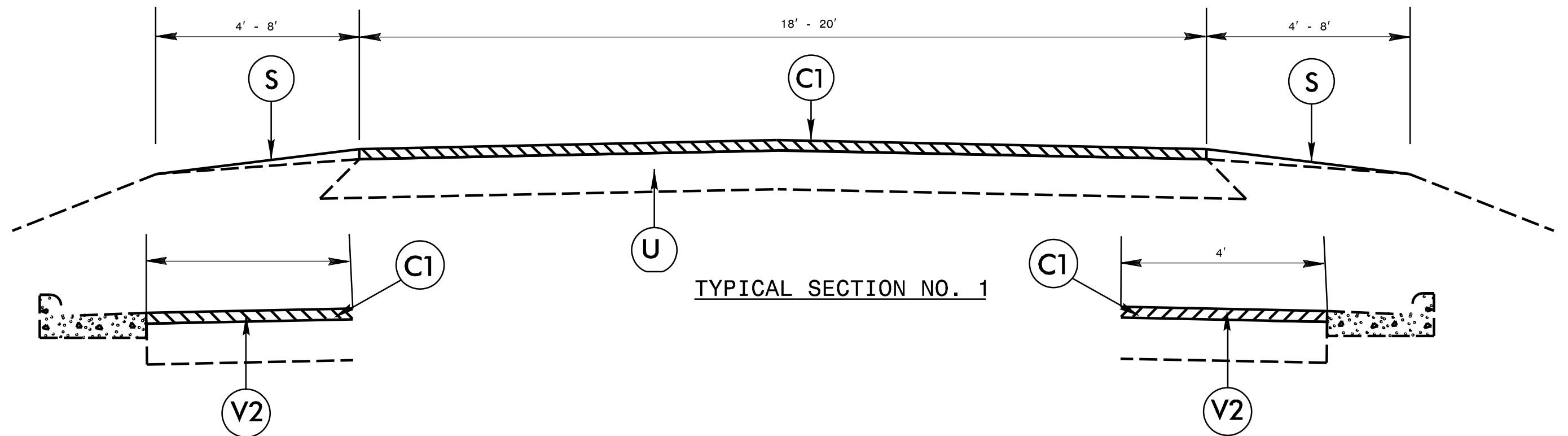
SHEET NO.  
8

C1	1" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 100 LBS. PER SQ. YD.
C2	1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
S	SHOULDER GRADING ASB REQUIRED (EXCEPT AT RESIDENTIAL AREAS)
U	EXISTING PAVEMENT
V1	1½" MILLING
V2	0-1" MILLING



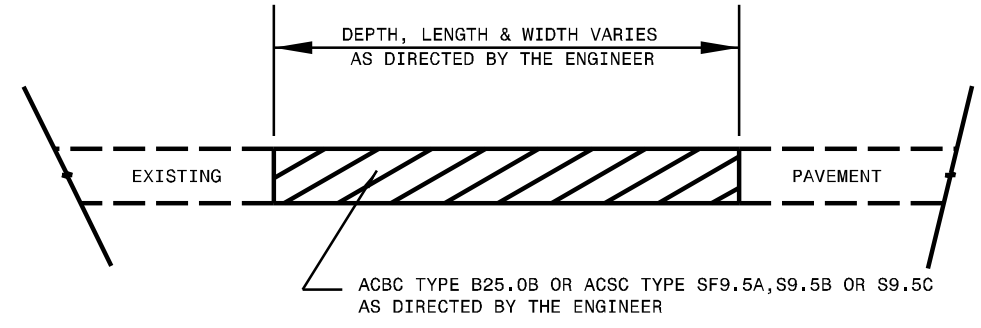
DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES

DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

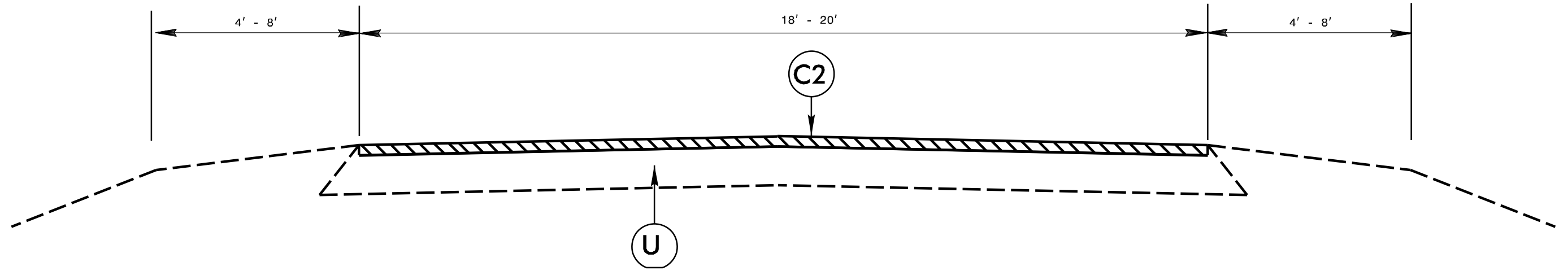
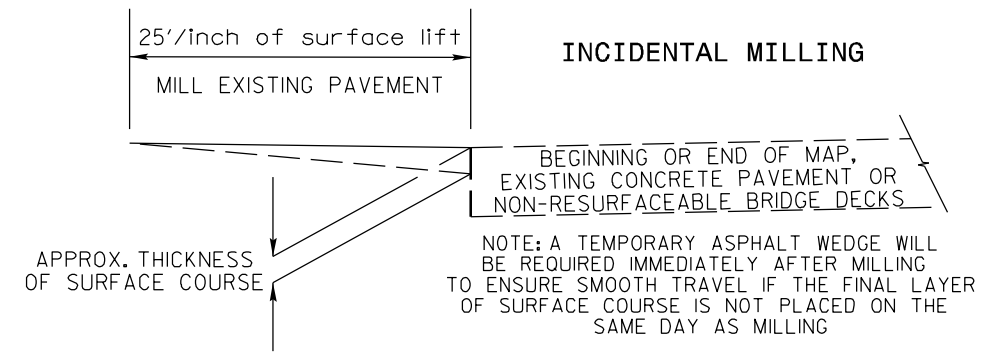


TYPICAL SECTION NO. 1

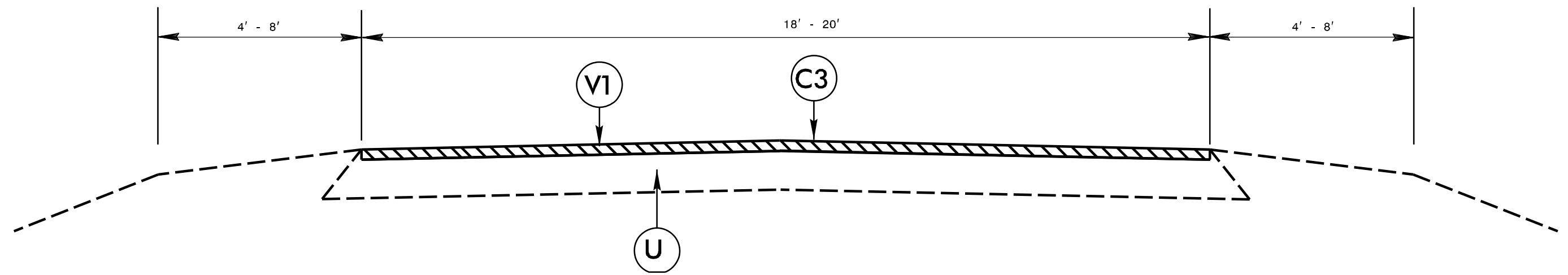
PAVEMENT SCHEDULE	
C1	1" S4.75A
C2	1 1/4" SF9.5A
C3	1 1/2" SF9.5A
S	SHOULDER GRADING
U	EXISTING PAVEMENT
V1	1 1/2" MILLING
V2	0-1" MILLING



**PATCHING EXISTING PAVEMENT**  
MILLING TO BE PERFORMED PRIOR TO PATCHING



TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 3

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	REPAIR EXISTING AGGREGATE BASE COURSE TON	SHOULDER GRADING SMI	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	1 1/2" MILLING SY	0" TO 1" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	SURFACE COURSE, S4.75A TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TONS	ADJUST MANHOLES EA	ADJUST METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC
2018CPT.05.01.20921.1	Wake	1	SR 1382 - OLDE SOUTH RD	SR 1443 - TIMBER DR TO SR 1379 - PENNY RD	3	2	NO	NO	0.18	20	36		0.36		9	2,112			193		13	15			26	70	0.26
<b>TOTAL FOR MAP NO. 1</b>									<b>0.18</b>		<b>36</b>		<b>0.36</b>		<b>9</b>	<b>2,112</b>			<b>193</b>		<b>13</b>	<b>15</b>			<b>26</b>	<b>70</b>	<b>0.26</b>
2018CPT.05.01.20921.1	Wake	2	SR 1443 - TIMBER DR	SR 1382 - OLDE SOUTH RD TO CUL-DE-SAC	3	2	NO	NO	0.33	20	66		0.66		17	4,263		260	371		25	15			48	120	0.48
<b>TOTAL FOR MAP NO. 2</b>									<b>0.33</b>		<b>66</b>		<b>0.66</b>		<b>17</b>	<b>4,263</b>		<b>260</b>	<b>371</b>		<b>25</b>	<b>15</b>			<b>48</b>	<b>120</b>	<b>0.48</b>
2018CPT.05.01.20921.1	Wake	3	SR 1482 - FAIRVIEW ST	SR 1152 - HOLLY SPRINGS RD TO SR 1483 - CARROLL ST	3	2	NO	NO	0.14	20	28		0.28		7	2,065			180		12	8			20	60	0.83
<b>TOTAL FOR MAP NO. 3</b>									<b>0.14</b>		<b>28</b>		<b>0.28</b>		<b>7</b>	<b>2,065</b>			<b>180</b>		<b>12</b>	<b>8</b>			<b>20</b>	<b>60</b>	<b>0.83</b>
2018CPT.05.01.20921.1	Wake	4	SR 1483 - CARROLL ST	DEAD END - TO DEAD END	2	2	NO	NO	0.57	20	114		1.14		29			342	485		33	40			83	210	0.83
<b>TOTAL FOR MAP NO. 4</b>									<b>0.57</b>		<b>114</b>		<b>1.14</b>		<b>29</b>			<b>342</b>	<b>485</b>		<b>33</b>	<b>40</b>			<b>83</b>	<b>210</b>	<b>0.83</b>
2018CPT.05.01.20921.1	Wake	5	SR 1484 - ASHLEY RD	SR 1483 - CARROLL ST TO DEAD END	3	2	NO	NO	0.28	20	56		0.56		14	3,285			289		19	7			41	110	0.41
<b>TOTAL FOR MAP NO. 5</b>									<b>0.28</b>		<b>56</b>		<b>0.56</b>		<b>14</b>	<b>3,285</b>			<b>289</b>		<b>19</b>	<b>7</b>			<b>41</b>	<b>110</b>	<b>0.41</b>
2018CPT.05.01.20921.1	Wake	6	SR 1485 - OAKLAND DR	SR 1483 - CARROLL ST TO DEAD END	2	2	NO	NO	0.17	20	34		0.34		9			100	150		10	20			25	70	0.25
<b>TOTAL FOR MAP NO. 6</b>									<b>0.17</b>		<b>34</b>		<b>0.34</b>		<b>9</b>			<b>100</b>	<b>150</b>		<b>10</b>	<b>20</b>			<b>25</b>	<b>70</b>	<b>0.25</b>
2018CPT.05.01.20921.1	Wake	7	SR 1486 - SPRING ST	SR 1485 - OAKLAND DR TO DEAD END	3	2	NO	NO	0.07	20	14		0.14		4	821			77		5	5			10	30	0.10
<b>TOTAL FOR MAP NO. 7</b>									<b>0.07</b>		<b>14</b>		<b>0.14</b>		<b>4</b>	<b>821</b>			<b>77</b>		<b>5</b>	<b>5</b>			<b>10</b>	<b>30</b>	<b>0.10</b>
2018CPT.05.01.20921.1	Wake	8	SR 1487 - SUNRISE AVE	SR 1483 - CARROLL ST TO DEAD END	2	2	NO	NO	0.054	18	14		0.14		4				44		3	10			10	30	0.10
<b>TOTAL FOR MAP NO. 8</b>									<b>0.054</b>		<b>14</b>		<b>0.14</b>		<b>4</b>				<b>44</b>		<b>3</b>	<b>10</b>			<b>10</b>	<b>30</b>	<b>0.10</b>
2018CPT.05.01.20921.1	Wake	9	SR 1494 - TIMBER LN	SR 1443 - TIMBER LN TO SR 1495 - ARROWOOD LN	2	2	NO	NO	0.11	20	22		0.22		6				105		7	25			16	40	0.16
<b>TOTAL FOR MAP NO. 9</b>									<b>0.11</b>		<b>22</b>		<b>0.22</b>		<b>6</b>				<b>105</b>		<b>7</b>	<b>25</b>			<b>16</b>	<b>40</b>	<b>0.16</b>
2018CPT.05.01.20921.1	Wake	10	SR 1495 - ARROWOOD LN	DEAD END - TO END OF PAVEMENT	2	2	NO	NO	0.29	20	58		0.58		15				247		17	50			42	110	0.42
<b>TOTAL FOR MAP NO. 10</b>									<b>0.29</b>		<b>58</b>		<b>0.58</b>		<b>15</b>				<b>247</b>		<b>17</b>	<b>50</b>			<b>42</b>	<b>110</b>	<b>0.42</b>
2018CPT.05.01.20921.1	Wake	11	SR 1505 - CHESTNUT ST	SR 1443 - TIMBER DR TO DEAD END	2	2	NO	NO	0.07	18	14		0.14		4				60		4	20			10	30	0.10
<b>TOTAL FOR MAP NO. 11</b>									<b>0.07</b>		<b>14</b>		<b>0.14</b>		<b>4</b>				<b>60</b>		<b>4</b>	<b>20</b>			<b>10</b>	<b>30</b>	<b>0.10</b>
2018CPT.05.01.20921.1	Wake	12	SR 1516 - BAIRD DR	SR 1379 - PENNY RD TO CUL-DE-SAC	3	2	NO	NO	0.5	20	99		0.99		50	5,867		1,114	521		35	40			72	190	0.72
<b>TOTAL FOR MAP NO. 12</b>									<b>0.5</b>		<b>99</b>		<b>0.99</b>		<b>50</b>	<b>5,867</b>		<b>1,114</b>	<b>521</b>		<b>35</b>	<b>40</b>			<b>72</b>	<b>190</b>	<b>0.72</b>
2018CPT.05.01.20921.1	Wake	13	SR 1533 - FAIRHAVEN ST	SR 1483 - CARROLL ST TO END OF MAINTENANCE	2	2	NO	NO	0.18	20	36		0.39		9				169		11	25			26	70	0.26
<b>TOTAL FOR MAP NO. 13</b>									<b>0.18</b>		<b>36</b>		<b>0.39</b>		<b>9</b>				<b>169</b>		<b>11</b>	<b>25</b>			<b>26</b>	<b>70</b>	<b>0.26</b>
2018CPT.05.01.20921.1	Wake	14	SR 1534 - NEW HAVEN ST	SR 1533 - FAIRHAVEN ST TO SR 1535 - BELL HAVEN ST	3	2	NO	NO	0.17	20	34	138	0.34	2	9	1,995			185		12				25	70	0.25
<b>TOTAL FOR MAP NO. 14</b>									<b>0.17</b>		<b>34</b>	<b>138</b>	<b>0.34</b>	<b>2</b>	<b>9</b>	<b>1,995</b>			<b>185</b>		<b>12</b>				<b>25</b>	<b>70</b>	<b>0.25</b>
2018CPT.05.01.20921.1	Wake	15	SR 1535 - BELL HAVEN ST	DEAD END - TO DEAD END	3	2	NO	NO	0.15	20	30		0.30		8	1,760			153		10	25			22	60	0.22
<b>TOTAL FOR MAP NO. 15</b>									<b>0.15</b>		<b>30</b>		<b>0.30</b>		<b>8</b>	<b>1,760</b>			<b>153</b>		<b>10</b>	<b>25</b>			<b>22</b>	<b>60</b>	<b>0.22</b>
2018CPT.05.01.20921.1	Wake	16	SR 1577 - CRUTCHFIELD RD	SR 1516 - BAIRD DR TO CUL-DE-SAC	2	2	NO	NO	0.24	20	48		0.48		12				332		22	20			35	90	0.35
<b>TOTAL FOR MAP NO. 16</b>									<b>0.24</b>		<b>48</b>		<b>0.48</b>		<b>12</b>				<b>332</b>		<b>22</b>	<b>20</b>			<b>35</b>	<b>90</b>	<b>0.35</b>
2018CPT.05.01.20921.1	Wake	17	SR 1580 - ORCHARD KNOLL DR	SR 1010 - TEN TEN RD TO CUL-DE-SAC	2	2	NO	NO	0.67	20	134		1.34		34			100	584		39	20			97	250	0.97
<b>TOTAL FOR MAP NO. 17</b>									<b>0.67</b>		<b>134</b>		<b>1.34</b>		<b>34</b>			<b>100</b>	<b>584</b>		<b>39</b>	<b>20</b>			<b>97</b>	<b>250</b>	<b>0.97</b>
2018CPT.05.01.20921.1	Wake	18	SR 1581 - TAVERNIER CT	SR 1580 - ORCHARD KNOLL DR TO CUL-DE-SAC	2	2	NO	NO	0.16	20	32		0.32		8				152		10	20			23	60	0.23
<b>TOTAL FOR MAP NO. 18</b>									<b>0.16</b>		<b>32</b>		<b>0.32</b>		<b>8</b>				<b>152</b>		<b>10</b>	<b>20</b>			<b>23</b>	<b>60</b>	<b>0.23</b>
2018CPT.05.01.20921.1	Wake	19	SR 1587 - BRAYWOOD CT	SR 1580 - ORCHARD KNOLL DR TO CUL-DE-SAC	2	2	NO	NO	0.06	20	12		0.12		3				70		5	10			9	30	0.09
<b>TOTAL FOR MAP NO. 19</b>									<b>0.06</b>		<b>12</b>		<b>0.12</b>		<b>3</b>				<b>70</b>		<b>5</b>	<b>10</b>			<b>9</b>	<b>30</b>	<b>0.09</b>
2018CPT.05.01.20921.1	Wake	20	SR 3074 - FERN VALLEY LN	US 64 - US 64 TO CUL-DE-SAC	3	2	NO	NO	0.466	18	94		0.94		24	5,248		241	478		32	41			69	180	0.69
<b>TOTAL FOR MAP NO. 20</b>									<b>0.466</b>		<b>94</b>		<b>0.94</b>		<b>24</b>	<b>5,248</b>		<b>241</b>	<b>478</b>		<b>32</b>	<b>41</b>			<b>69</b>	<b>180</b>	<b>0.69</b>
2018CPT.05.01.20921.1	Wake	21	SR 3075 - BEECHTREE CT	SR 3074 - FERNWOOD DR TO DEAD END	3	2	NO	NO	0.07	18	15		0.15		4	1,092			95		6	14			11	30	0.11
<b>TOTAL FOR MAP NO. 21</b>									<b>0.07</b>		<b>15</b>		<b>0.15</b>		<b>4</b>	<b>1,092</b>			<b>95</b>		<b>6</b>	<b>14</b>			<b>11</b>	<b>30</b>	<b>0.11</b>
2018CPT.05.01.20921.1	Wake	22	SR 3076 - THORN HOLLOW DR	SR 3074 - FERN VALLEY LN TO DEAD END	2	2	NO	NO	0.47	18	94		0.94		24			265	360		24				69	180	0.69
<b>TOTAL FOR MAP NO. 22</b>									<b>0.47</b>		<b>94</b>		<b>0.94</b>		<b>24</b>			<b>265</b>	<b>360</b>		<b>24</b>				<b>69</b>	<b>180</b>	<b>0.69</b>
2018CPT.05.01.20921.1	Wake	23	SR 3077 - WILD CHERRY DR	SR 3076 - THORN HOLLOW DR TO DEAD END	3	2	NO	NO	0.073	18	38		0.38		10	429			104		7	5			28	70	0.28
<b>TOTAL FOR MAP NO. 23</b>									<b>0.073</b>		<b>38</b>		<b>0.38</b>		<b>10</b>	<b>429</b>			<b>104</b>		<b>7</b>	<b>5</b>			<b>28</b>	<b>70</b>	<b>0.28</b>
2018CPT.05.01.20921.1	Wake	24	SR 3078 - PERSIMMON PL	SR 3077 - WILD CHERRY DR TO CUL-DE-SAC	3	2	NO	NO	0.234	18	47		0.47		12	2,825		150	260		17	15			35	90	0.34
<b>TOTAL FOR MAP NO. 24</b>									<b>0.234</b>		<b>47</b>		<b>0.47</b>		<b>12</b>	<b>2,825</b>		<b>150</b>	<b>260</b>		<b>17</b>	<b>15</b>			<b>35</b>	<b>90</b>	<b>0.34</b>
2018CPT.05.01.20921.1	Wake	25	SR 3079 - HIBISCUS CT	SR 3076 - THORN HOLLOW DR TO DEAD END	3	2	NO	NO	0.06	18	12		0.12		3												

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	REPAIR EXISTING AGGREGATE BASE COURSE TON	SHOULDER GRADING SMI	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	1 1/2" MILLING SY	0" TO 1" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	SURFACE COURSE, S4.75A TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TONS	ADJUST MANHOLES EA	ADJUST METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC	
<b>TOTAL FOR MAP NO. 28</b>									0.094		18		0.18		5			120	85	6	19				13	40	0.13	
2018CPT.05.01.20921.1	Wake	29	SR 3931 - COPPER TRL	SR 3919 - TUPENNY LN TO CUL-DE-SAC	2	2	NO	NO	0.12	18	24		0.24		6				115		8	27			17	50	0.17	
<b>TOTAL FOR MAP NO. 29</b>									0.12		24		0.24		6				115		8	27			17	50	0.17	
2018CPT.05.01.20921.1	Wake	30	SR 5213 - GIPSON DR	SR 2564 - CREECH RD TO DEAD END	2	2	NO	NO	0.17	20	34		0.34		9			135	149	10	8	5	4	25	70	0.25		
<b>TOTAL FOR MAP NO. 30</b>									0.17		34		0.34		9			135	149	10	8	5	4	25	70	0.25		
2018CPT.05.01.20921.1	Wake	31	SR 5214 - SANDRA ST	SR 5213 - GIPSON DR TO CUL-DE-SAC	2	2	NO	NO	0.08	20	16		0.16		4				90		6	2	2	1	12	30	0.12	
<b>TOTAL FOR MAP NO. 31</b>									0.08		16		0.16		4				90		6	2	2	1	12	30	0.12	
2018CPT.05.01.20921.1	Wake	56	SR 4050 - HUNTERS BLUFF DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	NO	NO	0.58	20	116		1.16		29			683		405	28	291			84	220	0.84	
<b>TOTAL FOR MAP NO. 56</b>									0.58		116		1.16		29			683		405	28	291			84	220	0.84	
2018CPT.05.01.20921.1	Wake	69	SR 5029 - CHARLAND CT	CUL-DE-SAC - TO CUL-DE-SAC	3	2	NO	NO	0.1	18	20		0.20		5	1,698			148		10	10			15	40	0.14	
<b>TOTAL FOR MAP NO. 69</b>									0.1		20		0.20		5	1,698			148		10	10			15	40	0.14	
2018CPT.05.01.20921.1	Wake	70	SR 5030 - BREAKSPEAR CT	SR 5028 - WHIPPLETREE DR TO CUL-DE-SAC	3	2	NO	NO	0.03	18	6		0.06		2	604			53		4	8			4	20	0.06	
<b>TOTAL FOR MAP NO. 70</b>									0.03		6		0.06		2	604			53		4	8			4	20	0.06	
2018CPT.05.01.20921.1	Wake	71	SR 5031 - FREESTONE LN	SR 1371 - LAKE WHEELER RD TO SR 5028 - WHIPPLETREE DR	3	2	NO	NO	0.41	18	82		0.82		21	4,369		360	412		28				1	150	0.60	
<b>TOTAL FOR MAP NO. 71</b>									0.41		82		0.82		21	4,369		360	412		28				1	150	0.60	
<b>TOTAL FOR PROJ NO. 2018CPT.05.01.20921.1</b>									7.441		1,514	138	15.17	2	413	39,384			3,870	6,881	405	489	832	7	5	1,041	2,930	11.63
2018CPT.05.01.20922.1	Wake	27	SR 3718 - TURNER FARM EXT	NC 50 - TO CUL-DE-SAC	1	2	NO	NO	1.56	20	304		3.00		76		65	414		1,027	70	995			221	560	2.20	
<b>TOTAL FOR MAP NO. 27</b>									1.56		304		3.00		76		65	414		1,027	70	995			221	560	2.20	
2018CPT.05.01.20922.1	Wake	32	SR 1588 - HUNTINGWOOD DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	NO	NO	0.62	20	124		1.24		31			100		427	29	22			90	230	0.90	
<b>TOTAL FOR MAP NO. 32</b>									0.62		124		1.24		31			100		427	29	22			90	230	0.90	
2018CPT.05.01.20922.1	Wake	33	SR 1589 - DEERVIEW DR	SR 1588 - HUNTINGWOOD DR TO SR 1379 - PENNY RD	1	2	NO	NO	0.98	20	196		2.00		49			140		647	44	20			143	360	1.43	
<b>TOTAL FOR MAP NO. 33</b>									0.98		196		2.00		49			140		647	44	20			143	360	1.43	
2018CPT.05.01.20922.1	Wake	34	SR 1590 - DEEP VALLEY RUN	SR 1589 - DEERVIEW DR TO SR 1588 - HUNTINGWOOD DR	1	2	NO	NO	0.3	20	60		0.60		15				199	14	2				44	110	0.44	
<b>TOTAL FOR MAP NO. 34</b>									0.3		60		0.60		15				199	14	2				44	110	0.44	
2018CPT.05.01.20922.1	Wake	35	SR 1591 - SADDLEPATH CIR	SR 1590 - DEEP VALLEY RUN TO CUL-DE-SAC	1	2	NO	NO	0.14	20	28		0.28		7				109	7	7				20	60	0.20	
<b>TOTAL FOR MAP NO. 35</b>									0.14		28		0.28		7				109	7	7				20	60	0.20	
2018CPT.05.01.20922.1	Wake	36	SR 1592 - HOUNDS EAR PL	SR 1589 - DEERVIEW DR TO CUL-DE-SAC	1	2	NO	NO	0.11	20	22		0.22		6				90	6	1				16	40	0.16	
<b>TOTAL FOR MAP NO. 36</b>									0.11		22		0.22		6				90	6	1				16	40	0.16	
2018CPT.05.01.20922.1	Wake	37	SR 3761 - TREEBOUND CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.07	20	14		0.14		4				62	4	4				10	30	0.10	
<b>TOTAL FOR MAP NO. 37</b>									0.07		14		0.14		4				62	4	4				10	30	0.10	
2018CPT.05.01.20922.1	Wake	38	SR 3762 - ROCKHOLLY CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.1	20	20		0.20		5				82	6	2				15	40	0.14	
<b>TOTAL FOR MAP NO. 38</b>									0.1		20		0.20		5				82	6	2				15	40	0.14	
2018CPT.05.01.20922.1	Wake	39	SR 3763 - BRICKYARD CT	SR 3718 - TURNER FARM EXT TO SR 3718 - TURNER FARM EXT	1	2	NO	NO	0.4	20	80		0.80		20				277	19	13				58	150	0.58	
<b>TOTAL FOR MAP NO. 39</b>									0.4		80		0.80		20				277	19	13				58	150	0.58	
2018CPT.05.01.20922.1	Wake	40	SR 3839 - BRICKYARD CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.05	20	10		0.10		3				50	3	4				7	20	0.07	
<b>TOTAL FOR MAP NO. 40</b>									0.05		10		0.10		3				50	3	4				7	20	0.07	
2018CPT.05.01.20922.1	Wake	41	SR 3840 - MASSENGILL CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.07	20	14		0.14		4				55	4	4				10	30	0.10	
<b>TOTAL FOR MAP NO. 41</b>									0.07		14		0.14		4				55	4	4				10	30	0.10	
2018CPT.05.01.20922.1	Wake	42	SR 3841 - CREEKBEND CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.03	20	6		0.06		2				30	2	2				4	20	0.04	
<b>TOTAL FOR MAP NO. 42</b>									0.03		6		0.06		2				30	2	2				4	20	0.04	
2018CPT.05.01.20922.1	Wake	43	SR 3869 - TREESTAND CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.13	20	26		0.26		7				104	7	5				19	50	0.19	
<b>TOTAL FOR MAP NO. 43</b>									0.13		26		0.26		7				104	7	5				19	50	0.19	
2018CPT.05.01.20922.1	Wake	44	SR 3905 - WOODMARK TRL	SR 1589 - DEERVIEW DR TO CUL-DE-SAC	1	2	NO	NO	0.19	20	38		0.38		10				143	10	38				28	70	0.28	
<b>TOTAL FOR MAP NO. 44</b>									0.19		38		0.38		10				143	10	38				28	70	0.28	
2018CPT.05.01.20922.1	Wake	45	SR 3906 - WOODKNOLL CT	SR 1589 - DEERVIEW DR TO CUL-DE-SAC	1	2	NO	NO	0.042	20	8		0.08		2				46	3	2				6	20	0.06	
<b>TOTAL FOR MAP NO. 45</b>									0.042		8		0.08		2				46	3	2				6	20	0.06	
2018CPT.05.01.20922.1	Wake	46	SR 3978 - HEATHERSTONE DR	SR 1379 - PENNY RD TO SR 4950 - PENNSYSHIRE LN	1	2	NO	NO	1.48	20	296		2.96		74			1,200		975	66	65			215	540	2.15	
<b>TOTAL FOR MAP NO. 46</b>									1.48		296		2.96		74			1,200		975	66	65			215	540	2.15	
2018CPT.05.01.20922.1	Wake	47	SR 3979 - BEDFORDSHIRE DR	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	NO	NO	0.23	20	46		0.46		12				171	12	50				33	90	0.34	
<b>TOTAL FOR MAP NO. 47</b>									0.23		46		0.46		12				171	12	50				33	90	0.34	
2018CPT.05.01.20922.1	Wake	48	SR 3980 - OXFORDSHIRE CT	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	NO	NO	0.25	20	50		0.50		13				182	12	60				36	100	0.36	
<b>TOTAL FOR MAP NO. 48</b>									0.25		50		0.50		13				182	12	60				36	100	0.36	

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	REPAIR EXISTING AGGREGATE BASE COURSE TON	SHOULDER GRADING SMI	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	1 1/2" MILLING SY	0" TO 1" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	SURFACE COURSE, S4.75A TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TONS	ADJUST MANHOLES EA	ADJUST METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC
2018CPT.05.01.20922.1	Wake	49	SR 3981 - LANCASHIRE CT	SR 3978 - HEATHERSTONE DR TO DEAD END	1	2	NO	NO	0.15	20	30		0.30		8				99	7	1				22	60	0.22
<b>TOTAL FOR MAP NO. 49</b>									<b>0.15</b>		<b>30</b>		<b>0.30</b>		<b>8</b>				<b>99</b>	<b>7</b>	<b>1</b>				<b>22</b>	<b>60</b>	<b>0.22</b>
2018CPT.05.01.20922.1	Wake	50	SR 3988 - BIRCHLEAF DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	NO	NO	1.24	20	249		2.49		62			416	831	57	249				641	460	1.81
<b>TOTAL FOR MAP NO. 50</b>									<b>1.24</b>		<b>249</b>		<b>2.49</b>		<b>62</b>			<b>416</b>	<b>831</b>	<b>57</b>	<b>249</b>				<b>641</b>	<b>460</b>	<b>1.81</b>
2018CPT.05.01.20922.1	Wake	51	SR 3989 - PINE LEAF CT	SR 3988 - BIRCHLEAF DR TO CUL-DE-SAC	1	2	NO	NO	0.1	18	19		0.19		5				79	5					14	40	0.14
<b>TOTAL FOR MAP NO. 51</b>									<b>0.1</b>		<b>19</b>		<b>0.19</b>		<b>5</b>				<b>79</b>	<b>5</b>					<b>14</b>	<b>40</b>	<b>0.14</b>
2018CPT.05.01.20922.1	Wake	52	SR 3990 - BENT LEAF DR	SR 3988 - BIRCHLEAF DR TO FIRST CUL-DE-SAC	1	2	NO	NO	0.18	18	36		0.36		9			50	126	9	9				26	70	0.26
<b>TOTAL FOR MAP NO. 52</b>									<b>0.18</b>		<b>36</b>		<b>0.36</b>		<b>9</b>			<b>50</b>	<b>126</b>	<b>9</b>	<b>9</b>				<b>26</b>	<b>70</b>	<b>0.26</b>
2018CPT.05.01.20922.1	Wake	53	SR 3991 - BLUE STEM CT	SR 3990 - BENT LEAF TO CUL-DE-SAC	1	2	NO	NO	0.17	18	34		0.34		9				116	8	4				25	70	0.25
<b>TOTAL FOR MAP NO. 53</b>									<b>0.17</b>		<b>34</b>		<b>0.34</b>		<b>9</b>				<b>116</b>	<b>8</b>	<b>4</b>				<b>25</b>	<b>70</b>	<b>0.25</b>
2018CPT.05.01.20922.1	Wake	54	SR 3992 - FALLEN LEAF CT	SR 3988 - BIRCHLEAF DR TO CUL-DE-SAC	1	2	NO	NO	0.05	18	10		0.10		3				50	3	3				7	20	0.07
<b>TOTAL FOR MAP NO. 54</b>									<b>0.05</b>		<b>10</b>		<b>0.10</b>		<b>3</b>				<b>50</b>	<b>3</b>	<b>3</b>				<b>7</b>	<b>20</b>	<b>0.07</b>
2018CPT.05.01.20922.1	Wake	55	SR 3993 - HUNTER HOLLOW DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	NO	NO	0.28	18	56		0.56		14			240	186	13	42				41	110	0.41
<b>TOTAL FOR MAP NO. 55</b>									<b>0.28</b>		<b>56</b>		<b>0.56</b>		<b>14</b>			<b>240</b>	<b>186</b>	<b>13</b>	<b>42</b>				<b>41</b>	<b>110</b>	<b>0.41</b>
2018CPT.05.01.20922.1	Wake	56	SR 4050 - HUNTERS BLUFF DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	NO	NO	0.58	20	116		1.16		29			130	405	28	291				84	220	0.84
<b>TOTAL FOR MAP NO. 56</b>									<b>0.58</b>		<b>116</b>		<b>1.16</b>		<b>29</b>			<b>130</b>	<b>405</b>	<b>28</b>	<b>291</b>				<b>84</b>	<b>220</b>	<b>0.84</b>
2018CPT.05.01.20922.1	Wake	57	SR 4051 - INVERSTONE LN	SR 4050 - HUNTERS BLUFF DR TO CUL-DE-SAC	1	2	NO	NO	0.08	20	16		0.16		4				73	5	20				12	30	0.12
<b>TOTAL FOR MAP NO. 57</b>									<b>0.08</b>		<b>16</b>		<b>0.16</b>		<b>4</b>				<b>73</b>	<b>5</b>	<b>20</b>				<b>12</b>	<b>30</b>	<b>0.12</b>
2018CPT.05.01.20922.1	Wake	58	SR 4052 - DOCKERY LN EXT	CUL-DE-SAC - TO CUL-DE-SAC	1	2	NO	NO	0.31	20	62		0.62		16				235	16	2				45	120	0.45
<b>TOTAL FOR MAP NO. 58</b>									<b>0.31</b>		<b>62</b>		<b>0.62</b>		<b>16</b>				<b>235</b>	<b>16</b>	<b>2</b>				<b>45</b>	<b>120</b>	<b>0.45</b>
2018CPT.05.01.20922.1	Wake	59	SR 4053 - TENBURY CT	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	NO	NO	0.08	18	16		0.16		4				63	4	3				12	30	0.12
<b>TOTAL FOR MAP NO. 59</b>									<b>0.08</b>		<b>16</b>		<b>0.16</b>		<b>4</b>				<b>63</b>	<b>4</b>	<b>3</b>				<b>12</b>	<b>30</b>	<b>0.12</b>
2018CPT.05.01.20922.1	Wake	60	SR 4065 - APPLE VALLEY DR	SR 3989 - PINE LEAF CT TO CUL-DE-SAC	1	2	NO	NO	0.15	20	30		0.30		8				119	8	2				22	60	0.22
<b>TOTAL FOR MAP NO. 60</b>									<b>0.15</b>		<b>30</b>		<b>0.30</b>		<b>8</b>				<b>119</b>	<b>8</b>	<b>2</b>				<b>22</b>	<b>60</b>	<b>0.22</b>
2018CPT.05.01.20922.1	Wake	61	SR 4066 - BURNING OAK CT	SR 3988 - BIRCHLEAF DR TO CUL-DE-SAC	1	2	NO	NO	0.11	20	22		0.22		6				88	6	1				0	50	0.16
<b>TOTAL FOR MAP NO. 61</b>									<b>0.11</b>		<b>22</b>		<b>0.22</b>		<b>6</b>				<b>88</b>	<b>6</b>	<b>1</b>				<b>0</b>	<b>50</b>	<b>0.16</b>
2018CPT.05.01.20922.1	Wake	62	SR 4099 - NORMANSHIRE DR	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	NO	NO	0.33	20	66		0.66		17				236	16	10				48	120	0.48
<b>TOTAL FOR MAP NO. 62</b>									<b>0.33</b>		<b>66</b>		<b>0.66</b>		<b>17</b>				<b>236</b>	<b>16</b>	<b>10</b>				<b>48</b>	<b>120</b>	<b>0.48</b>
2018CPT.05.01.20922.1	Wake	63	SR 4724 - ABERLOCH CT	SR 4050 - HUNTERS BLUFF DR TO CUL-DE-SAC	1	2	NO	NO	0.04	18	8		0.08		2				41	3					6	20	0.06
<b>TOTAL FOR MAP NO. 63</b>									<b>0.04</b>		<b>8</b>		<b>0.08</b>		<b>2</b>				<b>41</b>	<b>3</b>					<b>6</b>	<b>20</b>	<b>0.06</b>
2018CPT.05.01.20922.1	Wake	64	SR 4798 - BRENFIELD DR	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	NO	NO	0.35	18	70		0.70		18				226	15	4				51	130	0.51
<b>TOTAL FOR MAP NO. 64</b>									<b>0.35</b>		<b>70</b>		<b>0.70</b>		<b>18</b>				<b>226</b>	<b>15</b>	<b>4</b>				<b>51</b>	<b>130</b>	<b>0.51</b>
2018CPT.05.01.20922.1	Wake	65	SR 4839 - DEER HUNTER CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	NO	NO	0.11	20	22		0.22		6				88	6	2				16	40	0.16
<b>TOTAL FOR MAP NO. 65</b>									<b>0.11</b>		<b>22</b>		<b>0.22</b>		<b>6</b>				<b>88</b>	<b>6</b>	<b>2</b>				<b>16</b>	<b>40</b>	<b>0.16</b>
2018CPT.05.01.20922.1	Wake	66	SR 4950 - PENNSYHIRE LN	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	NO	NO	0.2	20	40		0.40		10			500	153	10					29	80	0.29
<b>TOTAL FOR MAP NO. 66</b>									<b>0.2</b>		<b>40</b>		<b>0.40</b>		<b>10</b>			<b>500</b>	<b>153</b>	<b>10</b>					<b>29</b>	<b>80</b>	<b>0.29</b>
2018CPT.05.01.20922.1	Wake	67	SR 4951 - ATKINS FARM CT	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	NO	NO	0.08	20	16		0.16		4				70	5					12	30	0.12
<b>TOTAL FOR MAP NO. 67</b>									<b>0.08</b>		<b>16</b>		<b>0.16</b>		<b>4</b>				<b>70</b>	<b>5</b>					<b>12</b>	<b>30</b>	<b>0.12</b>
2018CPT.05.01.20922.1	Wake	68	SR 5028 - WHIPPLETREE DR	SR 1371 - LAKE WHEELER RD TO CUL-DE-SAC	1	2	NO	NO	0.28	18	46		0.50		11		235	440	200	14	10				33	90	0.33
<b>TOTAL FOR MAP NO. 68</b>									<b>0.28</b>		<b>46</b>		<b>0.50</b>		<b>11</b>		<b>235</b>	<b>440</b>	<b>200</b>	<b>14</b>	<b>10</b>				<b>33</b>	<b>90</b>	<b>0.33</b>
2018CPT.05.01.20922.1	Wake	72	SR 5032 - MONKWOOD PL	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	NO	NO	0.076	18	14		0.14		4				60	4	1				10	30	0.10
<b>TOTAL FOR MAP NO. 72</b>									<b>0.076</b>		<b>14</b>		<b>0.14</b>		<b>4</b>				<b>60</b>	<b>4</b>	<b>1</b>				<b>10</b>	<b>30</b>	<b>0.10</b>
2018CPT.05.01.20922.1	Wake	73	SR 5033 - WIREGLASS CT	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	NO	NO	0.04	18	8		0.08		2				42	3					6	20	0.06
<b>TOTAL FOR MAP NO. 73</b>									<b>0.04</b>		<b>8</b>		<b>0.08</b>		<b>2</b>				<b>42</b>	<b>3</b>					<b>6</b>	<b>20</b>	<b>0.06</b>
2018CPT.05.01.20922.1	Wake	74	SR 5034 - CRICKLEWOOD CT	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	NO	NO	0.06	18	12		0.12		3				53	4					9	30	0.09
<b>TOTAL FOR MAP NO. 74</b>									<b>0.06</b>		<b>12</b>		<b>0.12</b>		<b>3</b>				<b>53</b>	<b>4</b>					<b>9</b>	<b>30</b>	<b>0.09</b>
2018CPT.05.01.20922.1	Wake	75	SR 5035 - GOREN PL	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	NO	NO	0.07	18	14		0.14		4				58	4	10				10	30	0.10
<b>TOTAL FOR MAP NO. 75</b>									<b>0.07</b>		<b>14</b>		<b>0.14</b>		<b>4</b>				<b>58</b>	<b>4</b>	<b>10</b>				<b>10</b>	<b>30</b>	<b>0.10</b>
2018CPT.05.01.20922.1	Wake	76	SR 5354 - GOLDEN GRAIN DR	NC 50 - TO SR 5356 - ROLLING FIELD DR	1	2	NO	NO	0.25	20	46		0.46		11		45	160	171	12	12				33	90	0.33
<b>TOTAL FOR MAP NO. 76</b>									<b>0.25</b>		<b>46</b>		<b>0.46</b>		<b>11</b>		<b>45</b>	<b>160</b>	<b>171</b>	<b>12</b>	<b>12</b>				<b>33</b>	<b>90</b>	<b>0.33</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	REPAIR EXISTING AGGREGATE BASE COURSE TON	SHOULDER GRADING SMI	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	1 1/2" MILLING SY	0" TO 1" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TON	SURFACE COURSE, S4.75A TONS	ASPHALT BINDER FOR PLANT MIX TON	PATCHING EXISTING PAVEMENT TONS	ADJUST MANHOLES EA	ADJUST METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	WATTLE LF	SEED & MULCHING AC	
2018CPT.05.01.20922.1	Wake	77	SR 5355 - SIMON DR	SR 5354 - GOLDEN GRAIN DR TO SR 3718 - TURNER FARM EXT	1	2	NO	NO	0.2	20	40		0.40		10					135	9	2			29	80	0.29	
<b>TOTAL FOR MAP NO. 77</b>									<b>0.2</b>		<b>40</b>		<b>0.40</b>		<b>10</b>					<b>135</b>	<b>9</b>	<b>2</b>			<b>29</b>	<b>80</b>	<b>0.29</b>	
2018CPT.05.01.20922.1	Wake	78	SR 5556 - SERATHER CT	SR 5356 - ROLLING FIELD DR TO CUL-DE-SAC	1	2	NO	NO	0.13	20	25		0.25		6					84	6	4			4	18	50	0.19
<b>TOTAL FOR MAP NO. 78</b>									<b>0.13</b>		<b>25</b>		<b>0.25</b>		<b>6</b>					<b>84</b>	<b>6</b>	<b>4</b>			<b>4</b>	<b>18</b>	<b>50</b>	<b>0.19</b>
2018CPT.05.01.20922.1	Wake	79	SR 5356 - ROLLING FIELD DR	SR 3718 - TURNER FARM EXT TO SR 5361 - RHEA DR	1	2	NO	NO	0.89	20	178		1.78		44					583	40	154			1	129	330	1.29
<b>TOTAL FOR MAP NO. 79</b>									<b>0.89</b>		<b>178</b>		<b>1.78</b>		<b>44</b>					<b>583</b>	<b>40</b>	<b>154</b>			<b>1</b>	<b>129</b>	<b>330</b>	<b>1.29</b>
2018CPT.05.01.20922.1	Wake	80	SR 5357 - OLD MEMORIAL CIR	SR 5356 - ROLLING FIELD DR TO SR 5358 - QUAILS CALL CT	1	2	NO	NO	0.049	18	6		0.06		2					29	2					4	20	0.04
<b>TOTAL FOR MAP NO. 80</b>									<b>0.049</b>		<b>6</b>		<b>0.06</b>		<b>2</b>					<b>29</b>	<b>2</b>					<b>4</b>	<b>20</b>	<b>0.04</b>
2018CPT.05.01.20922.1	Wake	81	SR 5358 - QUAILS CALL CT	SR 5357 - OLD MEMORIAL CIR TO DEAD END	1	2	NO	NO	0.04	20	8		0.08		2					26	2					6	20	0.06
<b>TOTAL FOR MAP NO. 81</b>									<b>0.04</b>		<b>8</b>		<b>0.08</b>		<b>2</b>					<b>26</b>	<b>2</b>					<b>6</b>	<b>20</b>	<b>0.06</b>
2018CPT.05.01.20922.1	Wake	82	SR 5359 - GLEN COX DR	SR 5356 - ROLLING FIELD DR TO SR 3718 - TURNER FARM EXT	1	2	NO	NO	0.14	20	28		0.28		7					96	7	4				20	60	0.20
<b>TOTAL FOR MAP NO. 82</b>									<b>0.14</b>		<b>28</b>		<b>0.28</b>		<b>7</b>					<b>96</b>	<b>7</b>	<b>4</b>				<b>20</b>	<b>60</b>	<b>0.20</b>
2018CPT.05.01.20922.1	Wake	83	SR 5360 - GREY DOVE DR	SR 5356 - ROLLING FIELD DR TO CUL-DE-SAC	1	2	NO	NO	0.07	20	14		0.14		4					64	4	2				10	30	0.10
<b>TOTAL FOR MAP NO. 83</b>									<b>0.07</b>		<b>14</b>		<b>0.14</b>		<b>4</b>					<b>64</b>	<b>4</b>	<b>2</b>				<b>10</b>	<b>30</b>	<b>0.10</b>
2018CPT.05.01.20922.1	Wake	84	SR 5361 - RHEA DR	SR 5356 - ROLLING FIELD DR TO CUL-DE-SAC	1	2	NO	NO	0.4	20	80		0.80		20					275	19	100			2	58	150	0.58
<b>TOTAL FOR MAP NO. 84</b>									<b>0.4</b>		<b>80</b>		<b>0.80</b>		<b>20</b>					<b>275</b>	<b>19</b>	<b>100</b>			<b>2</b>	<b>58</b>	<b>150</b>	<b>0.58</b>
2018CPT.05.01.20922.1	Wake	85	SR 5362 - QUETZEL CT	SR 5361 - RHEA DR TO CUL-DE-SAC	1	2	NO	NO	0.08	20	15		0.15		4					69	5	6			4	11	30	0.11
<b>TOTAL FOR MAP NO. 85</b>									<b>0.08</b>		<b>15</b>		<b>0.15</b>		<b>4</b>					<b>69</b>	<b>5</b>	<b>6</b>			<b>4</b>	<b>11</b>	<b>30</b>	<b>0.11</b>
2018CPT.05.01.20922.1	Wake	86	SR 5363 - CAZELET CT	SR 5361 - RHEA DR TO CUL-DE-SAC	1	2	NO	NO	0.1	20	19		0.19		5					83	6	35			4	14	40	0.14
<b>TOTAL FOR MAP NO. 86</b>									<b>0.1</b>		<b>19</b>		<b>0.19</b>		<b>5</b>					<b>83</b>	<b>6</b>	<b>35</b>			<b>4</b>	<b>14</b>	<b>40</b>	<b>0.14</b>
2018CPT.05.01.20922.1	Wake	87	SR 5848 - PINE BIRCH DR	SR 3988 - BIRCHLEAF DR TO DEAD END	1	2	NO	NO	0.17	20	35		0.35		9					112	8	2				25	70	0.25
<b>TOTAL FOR MAP NO. 87</b>									<b>0.17</b>		<b>35</b>		<b>0.35</b>		<b>9</b>					<b>112</b>	<b>8</b>	<b>2</b>				<b>25</b>	<b>70</b>	<b>0.25</b>
<b>TOTAL FOR PROJ NO. 2018CPT.05.01.20922.1</b>									<b>14.387</b>		<b>2,848</b>		<b>28.53</b>		<b>722</b>		<b>345</b>	<b>3,790</b>		<b>10,100</b>	<b>691</b>	<b>2,281</b>		<b>15</b>	<b>2,513</b>	<b>5,450</b>	<b>20.69</b>	
<b>GRAND TOTAL</b>									<b>21.828</b>		<b>4,362</b>	<b>138</b>	<b>43.70</b>	<b>2</b>	<b>1,135</b>	<b>39,384</b>	<b>345</b>	<b>7,660</b>	<b>6,881</b>	<b>10,505</b>	<b>1,180</b>	<b>3,113</b>	<b>7</b>	<b>20</b>	<b>3,554</b>	<b>8,380</b>	<b>32.32</b>	

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LENGTH	WIDTH	441300000-E	445700000-N	468500000-E	468600000-E
									WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO
									SF	LS	LF	LF
2018CPT.05.01.20921.1	Wake	1	SR 1382 - OLDE SOUTH RD	SR 1443 - TIMBER DR TO SR 1379 - PENNY RD	3	2	0.18	20	20	0.01		
<b>TOTAL FOR MAP NO. 1</b>									<b>20</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	2	SR 1443 - TIMBER DR	SR 1382 - OLDE SOUTH RD TO CUL-DE-SAC	3	2	0.33	20	126	0.02		
<b>TOTAL FOR MAP NO. 2</b>									<b>126</b>	<b>0.02</b>		
2018CPT.05.01.20921.1	Wake	3	SR 1482 - FAIRVIEW ST	SR 1152 - HOLLY SPRINGS RD TO SR 1483 - CARROLL ST	3	2	0.14	20	16	0.01		
<b>TOTAL FOR MAP NO. 3</b>									<b>16</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	4	SR 1483 - CARROLL ST	DEAD END - TO DEAD END	2	2	0.57	20	64	0.03		
<b>TOTAL FOR MAP NO. 4</b>									<b>64</b>	<b>0.03</b>		
2018CPT.05.01.20921.1	Wake	5	SR 1484 - ASHLEY RD	SR 1483 - CARROLL ST TO DEAD END	3	2	0.28	20	31	0.02		
<b>TOTAL FOR MAP NO. 5</b>									<b>31</b>	<b>0.02</b>		
2018CPT.05.01.20921.1	Wake	6	SR 1485 - OAKLAND DR	SR 1483 - CARROLL ST TO DEAD END	2	2	0.17	20	19	0.01		
<b>TOTAL FOR MAP NO. 6</b>									<b>19</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	7	SR 1486 - SPRING ST	SR 1485 - OAKLAND DR TO DEAD END	3	2	0.07	20	8	0.01		
<b>TOTAL FOR MAP NO. 7</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	8	SR 1487 - SUNRISE AVE	SR 1483 - CARROLL ST TO DEAD END	2	2	0.054	18	8	0.01		
<b>TOTAL FOR MAP NO. 8</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	9	SR 1494 - TIMBER LN	SR 1443 - TIMBER LN TO SR 1495 - ARROWOOD LN	2	2	0.11	20	12	0.01		
<b>TOTAL FOR MAP NO. 9</b>									<b>12</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	10	SR 1495 - ARROWOOD LN	DEAD END - TO END OF PAVEMENT	2	2	0.29	20	32	0.01		
<b>TOTAL FOR MAP NO. 10</b>									<b>32</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	11	SR 1505 - CHESTNUT ST	SR 1443 - TIMBER DR TO DEAD END	2	2	0.07	18	8	0.01		
<b>TOTAL FOR MAP NO. 11</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	12	SR 1516 - BAIRD DR	SR 1379 - PENNY RD TO CUL-DE-SAC	3	2	0.5	20	56	0.01		
<b>TOTAL FOR MAP NO. 12</b>									<b>56</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	13	SR 1533 - FAIRHAVEN ST	SR 1483 - CARROLL ST TO END OF MAINTENANCE	2	2	0.18	20	20	0.01		
<b>TOTAL FOR MAP NO. 13</b>									<b>20</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	14	SR 1534 - NEW HAVEN ST	SR 1533 - FAIRHAVEN ST TO SR 1535 - BELL HAVEN ST	3	2	0.17	20	19	0.01		
<b>TOTAL FOR MAP NO. 14</b>									<b>19</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	15	SR 1535 - BELL HAVEN ST	DEAD END - TO DEAD END	3	2	0.15	20	17	0.01		
<b>TOTAL FOR MAP NO. 15</b>									<b>17</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	16	SR 1577 - CRUTCHFIELD RD	SR 1516 - BAIRD DR TO CUL-DE-SAC	2	2	0.24	20	27	0.02		
<b>TOTAL FOR MAP NO. 16</b>									<b>27</b>	<b>0.02</b>		
2018CPT.05.01.20921.1	Wake	17	SR 1580 - ORCHARD KNOLL DR	SR 1010 - TEN TEN RD TO CUL-DE-SAC	2	2	0.67	20	75	0.01		
<b>TOTAL FOR MAP NO. 17</b>									<b>75</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	18	SR 1581 - TAVERNIER CT	SR 1580 - ORCHARD KNOLL DR TO CUL-DE-SAC	2	2	0.16	20	18	0.01		
<b>TOTAL FOR MAP NO. 18</b>									<b>18</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	19	SR 1587 - BRAYWOOD CT	SR 1580 - ORCHARD KNOLL DR TO CUL-DE-SAC	2	2	0.06	20	7	0.01		
<b>TOTAL FOR MAP NO. 19</b>									<b>7</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	20	SR 3074 - FERN VALLEY LN	US 64 - US 64 TO CUL-DE-SAC	3	2	0.466	18	53	0.01	462	462
<b>TOTAL FOR MAP NO. 20</b>									<b>53</b>	<b>0.01</b>	<b>462</b>	<b>462</b>
2018CPT.05.01.20921.1	Wake	21	SR 3075 - BEECHTREE CT	SR 3074 - FERNWOOD DR TO DEAD END	3	2	0.07	18	8	0.01		
<b>TOTAL FOR MAP NO. 21</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	22	SR 3076 - THORN HOLLOW DR	SR 3074 - FERN VALLEY LN TO DEAD END	2	2	0.47	18	53	0.01		
<b>TOTAL FOR MAP NO. 22</b>									<b>53</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	23	SR 3077 - WILD CHERRY DR	SR 3076 - THORN HOLLOW DR TO DEAD END	3	2	0.073	18	22	0.01		
<b>TOTAL FOR MAP NO. 23</b>									<b>22</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	24	SR 3078 - PERSIMMON PL	SR 3077 - WILD CHERRY DR TO CUL-DE-SAC	3	2	0.234	18	26	0.01		
<b>TOTAL FOR MAP NO. 24</b>									<b>26</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	25	SR 3079 - HIBISCUS CT	SR 3076 - THORN HOLLOW DR TO DEAD END	3	2	0.06	18	7	0.01		
<b>TOTAL FOR MAP NO. 25</b>									<b>7</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	26	SR 3085 - SANDY HILLS CT	SR 3078 - PERSIMMON PL TO DEAD END	2	2	0.09	20	10	0.01		
<b>TOTAL FOR MAP NO. 26</b>									<b>10</b>	<b>0.01</b>		

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	441300000-E	445700000-N	468500000-E	468600000-E
									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
2018CPT.05.01.20921.1	Wake	28	SR 3919 - TUPENNY LN	SR 3931 - COPPER TRL TO SR 1379 - PENNY RD	2	2	0.094	20	10	0.01		
<b>TOTAL FOR MAP NO. 28</b>									<b>10</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	29	SR 3931 - COPPER TRL	SR 3919 - TUPENNY LN TO CUL-DE-SAC	2	2	0.12	18	14	0.01		
<b>TOTAL FOR MAP NO. 29</b>									<b>14</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	30	SR 5213 - GIPSON DR	SR 2564 - CREECH RD TO DEAD END	2	2	0.17	20	19	0.01		
<b>TOTAL FOR MAP NO. 30</b>									<b>19</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	31	SR 5214 - SANDRA ST	SR 5213 - GIPSON DR TO CUL-DE-SAC	2	2	0.08	20	9	0.01		
<b>TOTAL FOR MAP NO. 31</b>									<b>9</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	56	SR 4050 - HUNTERS BLUFF DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	0.58	20	65	0.01		
<b>TOTAL FOR MAP NO. 56</b>									<b>65</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	69	SR 5029 - CHARLAND CT	CUL-DE-SAC - TO CUL-DE-SAC	3	2	0.1	18	11	0.01		
<b>TOTAL FOR MAP NO. 69</b>									<b>11</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	70	SR 5030 - BREAKSPEAR CT	SR 5028 - WHIPPLETREE DR TO CUL-DE-SAC	3	2	0.03	18	4	0.01		
<b>TOTAL FOR MAP NO. 70</b>									<b>4</b>	<b>0.01</b>		
2018CPT.05.01.20921.1	Wake	71	SR 5031 - FREESTONE LN	SR 1371 - LAKE WHEELER RD TO SR 5028 - WHIPPLETREE DR	3	2	0.41	18	17	0.02		
<b>TOTAL FOR MAP NO. 71</b>									<b>17</b>	<b>0.02</b>		
<b>TOTAL FOR PROJ NO. 2018CPT.05.01.20921.1</b>									<b>911</b>	<b>0.40</b>	<b>462</b>	<b>462</b>
2018CPT.05.01.20922.1	Wake	27	SR 3718 - TURNER FARM EXT	NC 50 - TO CUL-DE-SAC	1	2	1.56	20	175	0.02		
<b>TOTAL FOR MAP NO. 27</b>									<b>175</b>	<b>0.02</b>		
2018CPT.05.01.20922.1	Wake	32	SR 1588 - HUNTINGWOOD DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	0.62	20	70	0.01		
<b>TOTAL FOR MAP NO. 32</b>									<b>70</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	33	SR 1589 - DEERVIEW DR	SR 1588 - HUNTINGWOOD DR TO SR 1379 - PENNY RD	1	2	0.98	20	110	0.02		
<b>TOTAL FOR MAP NO. 33</b>									<b>110</b>	<b>0.02</b>		
2018CPT.05.01.20922.1	Wake	34	SR 1590 - DEEP VALLEY RUN	SR 1589 - DEERVIEW DR TO SR 1588 - HUNTINGWOOD DR	1	2	0.3	20	34	0.01		
<b>TOTAL FOR MAP NO. 34</b>									<b>34</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	35	SR 1591 - SADDLEPATH CIR	SR 1590 - DEEP VALLEY RUN TO CUL-DE-SAC	1	2	0.14	20	16	0.01		
<b>TOTAL FOR MAP NO. 35</b>									<b>16</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	36	SR 1592 - HOUNDS EAR PL	SR 1589 - DEERVIEW DR TO CUL-DE-SAC	1	2	0.11	20	12	0.01		
<b>TOTAL FOR MAP NO. 36</b>									<b>12</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	37	SR 3761 - TREEBOUND CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.07	20	8	0.01		
<b>TOTAL FOR MAP NO. 37</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	38	SR 3762 - ROCKHOLLY CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.1	20	11	0.01		
<b>TOTAL FOR MAP NO. 38</b>									<b>11</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	39	SR 3763 - BRICKYARD CT	SR 3718 - TURNER FARM EXT TO SR 3718 - TURNER FARM EXT	1	2	0.4	20	45	0.02		
<b>TOTAL FOR MAP NO. 39</b>									<b>45</b>	<b>0.02</b>		
2018CPT.05.01.20922.1	Wake	40	SR 3839 - BRICKYARD CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.05	20	6	0.01		
<b>TOTAL FOR MAP NO. 40</b>									<b>6</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	41	SR 3840 - MASSENGILL CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.07	20	8	0.01		
<b>TOTAL FOR MAP NO. 41</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	42	SR 3841 - CREEKBEND CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.03	20	3	0.01		
<b>TOTAL FOR MAP NO. 42</b>									<b>3</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	43	SR 3869 - TREESTAND CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.13	20	127	0.01		
<b>TOTAL FOR MAP NO. 43</b>									<b>127</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	44	SR 3905 - WOODMARK TRL	SR 1589 - DEERVIEW DR TO CUL-DE-SAC	1	2	0.19	20	21	0.01		
<b>TOTAL FOR MAP NO. 44</b>									<b>21</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	45	SR 3906 - WOODKNOLL CT	SR 1589 - DEERVIEW DR TO CUL-DE-SAC	1	2	0.042	20	5	0.01		
<b>TOTAL FOR MAP NO. 45</b>									<b>5</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	46	SR 3978 - HEATHERSTONE DR	SR 1379 - PENNY RD TO SR 4950 - PENNSHIRE LN	1	2	1.48	20	166	0.02		
<b>TOTAL FOR MAP NO. 46</b>									<b>166</b>	<b>0.02</b>		
2018CPT.05.01.20922.1	Wake	47	SR 3979 - BEDFORDSHIRE DR	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	0.23	20	26	0.01		
<b>TOTAL FOR MAP NO. 47</b>									<b>26</b>	<b>0.01</b>		



PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20922.1, etc.		

## THERMOPLASTIC AND PAINT QUANTITIES

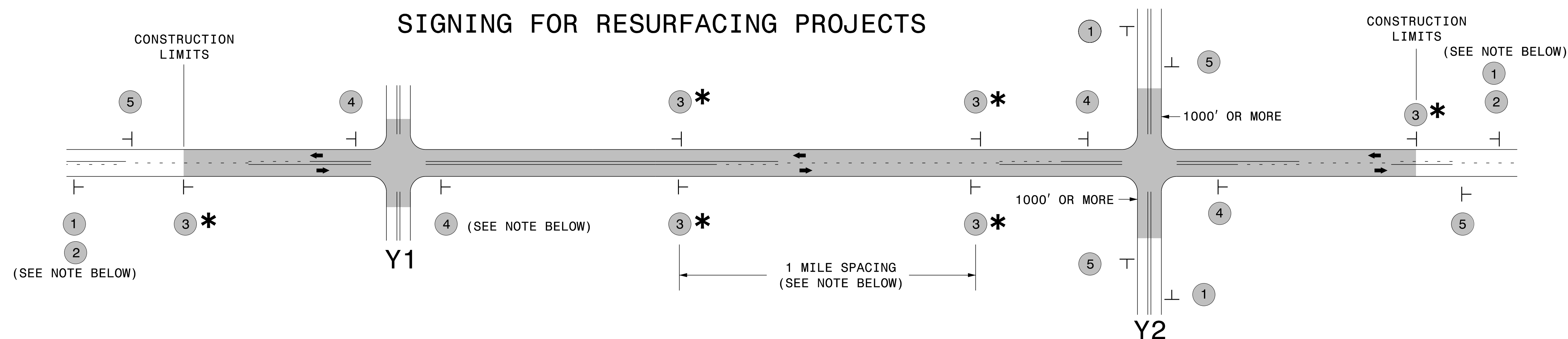
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	441300000-E	445700000-N	468500000-E	468600000-E
									WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF
2018CPT.05.01.20922.1	Wake	48	SR 3980 - OXFORDSHIRE CT	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	0.25	20	28	0.01		
<b>TOTAL FOR MAP NO. 48</b>									<b>28</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	49	SR 3981 - LANCASHIRE CT	SR 3978 - HEATHERSTONE DR TO DEAD END	1	2	0.15	20	17	0.01		
<b>TOTAL FOR MAP NO. 49</b>									<b>17</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	50	SR 3988 - BIRCHLEAF DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	1.24	20	139	0.02		
<b>TOTAL FOR MAP NO. 50</b>									<b>139</b>	<b>0.02</b>		
2018CPT.05.01.20922.1	Wake	51	SR 3989 - PINE LEAF CT	SR 3988 - BIRCHLEAF DR TO CUL-DE-SAC	1	2	0.1	18	11	0.01		
<b>TOTAL FOR MAP NO. 51</b>									<b>11</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	52	SR 3990 - BENT LEAF DR	SR 3988 - BIRCHLEAF DR TO FIRST CUL-DE-SAC	1	2	0.18	18	20	0.01		
<b>TOTAL FOR MAP NO. 52</b>									<b>20</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	53	SR 3991 - BLUE STEM CT	SR 3990 - BENT LEAF TO CUL-DE-SAC	1	2	0.17	18	19	0.01		
<b>TOTAL FOR MAP NO. 53</b>									<b>19</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	54	SR 3992 - FALLEN LEAF CT	SR 3988 - BIRCHLEAF DR TO CUL-DE-SAC	1	2	0.05	18	6	0.01		
<b>TOTAL FOR MAP NO. 54</b>									<b>6</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	55	SR 3993 - HUNTER HOLLOW DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	0.28	18	31	0.01		
<b>TOTAL FOR MAP NO. 55</b>									<b>31</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	56	SR 4050 - HUNTERS BLUFF DR	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	0.58	20	65	0.01		
<b>TOTAL FOR MAP NO. 56</b>									<b>65</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	57	SR 4051 - INVERSTONE LN	SR 4050 - HUNTERS BLUFF DR TO CUL-DE-SAC	1	2	0.08	20	9	0.01		
<b>TOTAL FOR MAP NO. 57</b>									<b>9</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	58	SR 4052 - DOCKERY LN EXT	CUL-DE-SAC - TO CUL-DE-SAC	1	2	0.31	20	35	0.01		
<b>TOTAL FOR MAP NO. 58</b>									<b>35</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	59	SR 4053 - TENBURY CT	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	0.08	18	9	0.01		
<b>TOTAL FOR MAP NO. 59</b>									<b>9</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	60	SR 4065 - APPLE VALLEY DR	SR 3989 - PINE LEAF CT TO CUL-DE-SAC	1	2	0.15	20	17	0.01		
<b>TOTAL FOR MAP NO. 60</b>									<b>17</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	61	SR 4066 - BURNING OAK CT	SR 3988 - BIRCHLEAF DR TO CUL-DE-SAC	1	2	0.11	20	13	0.01		
<b>TOTAL FOR MAP NO. 61</b>									<b>13</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	62	SR 4099 - NORMANSHIRE DR	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	0.33	20	37	0.01		
<b>TOTAL FOR MAP NO. 62</b>									<b>37</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	63	SR 4724 - ABERLOCH CT	SR 4050 - HUNTERS BLUFF DR TO CUL-DE-SAC	1	2	0.04	18	5	0.01		
<b>TOTAL FOR MAP NO. 63</b>									<b>5</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	64	SR 4798 - BRENFIELD DR	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	0.35	18	39	0.01		
<b>TOTAL FOR MAP NO. 64</b>									<b>39</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	65	SR 4839 - DEER HUNTER CT	SR 3718 - TURNER FARM EXT TO CUL-DE-SAC	1	2	0.11	20	12	0.01		
<b>TOTAL FOR MAP NO. 65</b>									<b>12</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	66	SR 4950 - PENNYSHIRE LN	SR 1379 - PENNY RD TO CUL-DE-SAC	1	2	0.2	20	23	0.01		
<b>TOTAL FOR MAP NO. 66</b>									<b>23</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	67	SR 4951 - ATKINS FARM CT	SR 3978 - HEATHERSTONE DR TO CUL-DE-SAC	1	2	0.08	20	9	0.01		
<b>TOTAL FOR MAP NO. 67</b>									<b>9</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	68	SR 5028 - WHIPPLETREE DR	SR 1371 - LAKE WHEELER RD TO CUL-DE-SAC	1	2	0.28	18	31	0.01		
<b>TOTAL FOR MAP NO. 68</b>									<b>31</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	72	SR 5032 - MONKWOOD PL	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	0.076	18	8	0.01		
<b>TOTAL FOR MAP NO. 72</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	73	SR 5033 - WIREGLASS CT	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	0.04	18	5	0.01		
<b>TOTAL FOR MAP NO. 73</b>									<b>5</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	74	SR 5034 - CRICKLEWOOD CT	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	0.06	18	7	0.01		
<b>TOTAL FOR MAP NO. 74</b>									<b>7</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	75	SR 5035 - GOREN PL	SR 5031 - FREESTONE LN TO CUL-DE-SAC	1	2	0.07	18	8	0.01		
<b>TOTAL FOR MAP NO. 75</b>									<b>8</b>	<b>0.01</b>		

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.05.01.20921.1, etc.		

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E	4686000000-E
									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
2018CPT.05.01.20922.1	Wake	76	SR 5354 - GOLDEN GRAIN DR	NC 50 - TO SR 5356 - ROLLING FIELD DR	1	2	0.25	20	28	0.01		
<b>TOTAL FOR MAP NO. 76</b>									<b>28</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	77	SR 5355 - SIMON DR	SR 5354 - GOLDEN GRAIN DR TO SR 3718 - TURNER FARM EXT	1	2	0.2	20	22	0.01		
<b>TOTAL FOR MAP NO. 77</b>									<b>22</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	78	SR 5556 - SERATHER CT	SR 5356 - ROLLING FIELD DR TO CUL-DE-SAC	1	2	0.13	20	14	0.01		
<b>TOTAL FOR MAP NO. 78</b>									<b>14</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	79	SR 5356 - ROLLING FIELD DR	SR 3718 - TURNER FARM EXT TO SR 5361 - RHEA DR	1	2	0.89	20	100	0.02		
<b>TOTAL FOR MAP NO. 79</b>									<b>100</b>	<b>0.02</b>		
2018CPT.05.01.20922.1	Wake	80	SR 5357 - OLD MEMORIAL CIR	SR 5356 - ROLLING FIELD DR TO SR 5358 - QUAILS CALL CT	1	2	0.049	18	3	0.01		
<b>TOTAL FOR MAP NO. 80</b>									<b>3</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	81	SR 5358 - QUAILS CALL CT	SR 5357 - OLD MEMORIAL CIR TO DEAD END	1	2	0.04	20	5	0.01		
<b>TOTAL FOR MAP NO. 81</b>									<b>5</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	82	SR 5359 - GLEN COX DR	SR 5356 - ROLLING FIELD DR TO SR 3718 - TURNER FARM EXT	1	2	0.14	20	16	0.01		
<b>TOTAL FOR MAP NO. 82</b>									<b>16</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	83	SR 5360 - GREY DOVE DR	SR 5356 - ROLLING FIELD DR TO CUL-DE-SAC	1	2	0.07	20	8	0.01		
<b>TOTAL FOR MAP NO. 83</b>									<b>8</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	84	SR 5361 - RHEA DR	SR 5356 - ROLLING FIELD DR TO CUL-DE-SAC	1	2	0.4	20	45	0.01		
<b>TOTAL FOR MAP NO. 84</b>									<b>45</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	85	SR 5362 - QUETZEL CT	SR 5361 - RHEA DR TO CUL-DE-SAC	1	2	0.08	20	9	0.01		
<b>TOTAL FOR MAP NO. 85</b>									<b>9</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	86	SR 5363 - CAZELET CT	SR 5361 - RHEA DR TO CUL-DE-SAC	1	2	0.1	20	11	0.01		
<b>TOTAL FOR MAP NO. 86</b>									<b>11</b>	<b>0.01</b>		
2018CPT.05.01.20922.1	Wake	87	SR 5848 - PINE BIRCH DR	SR 3988 - BIRCHLEAF DR TO DEAD END	1	2	0.17	20	19	0.01		
<b>TOTAL FOR MAP NO. 87</b>									<b>19</b>	<b>0.01</b>		
<b>TOTAL FOR PROJ NO. 2018CPT.05.01.20922.1</b>									<b>1,726</b>	<b>0.60</b>		
<b>GRAND TOTAL</b>									<b>2,637</b>	<b>1.00</b>	<b>462</b>	<b>462</b>

## 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>W7-3gP 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.	<b>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</b> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) 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; align-items: center;"> <div style="text-align: center;">   <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;">   <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>		

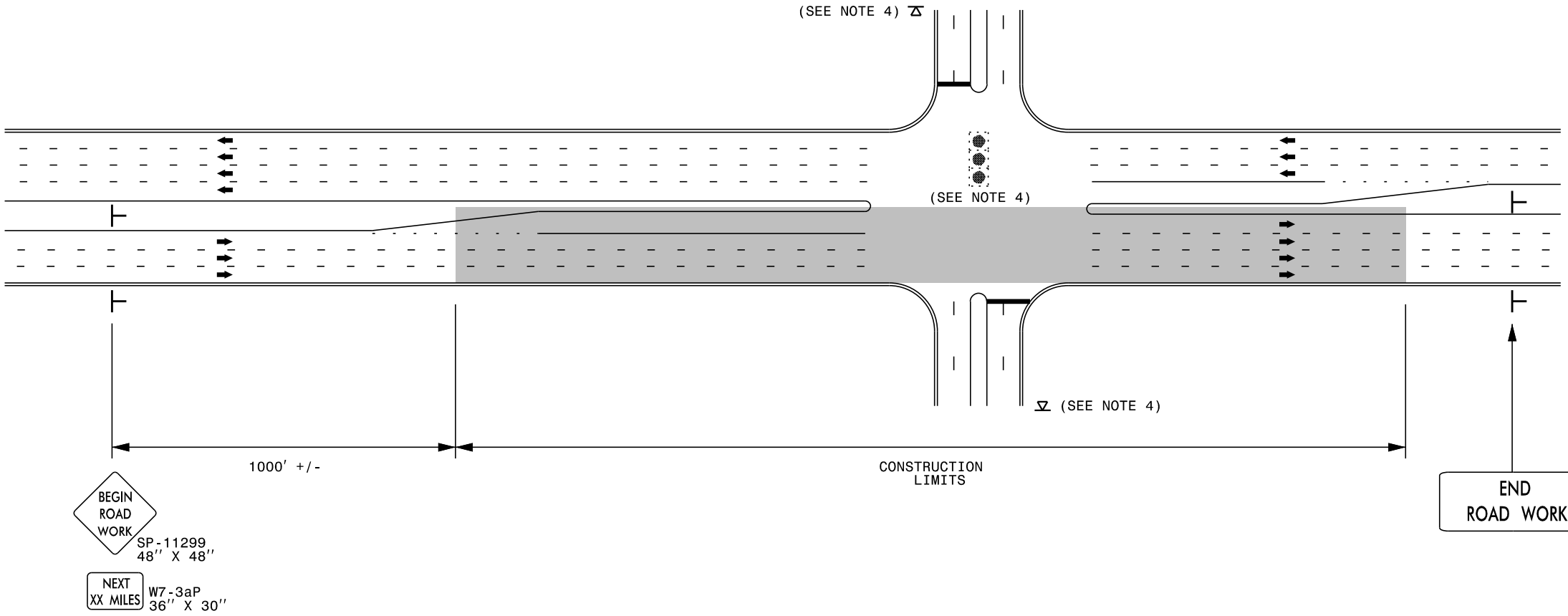
### \* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

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**

# URBAN / SUBURBAN WORKZONES



**NOTES:**

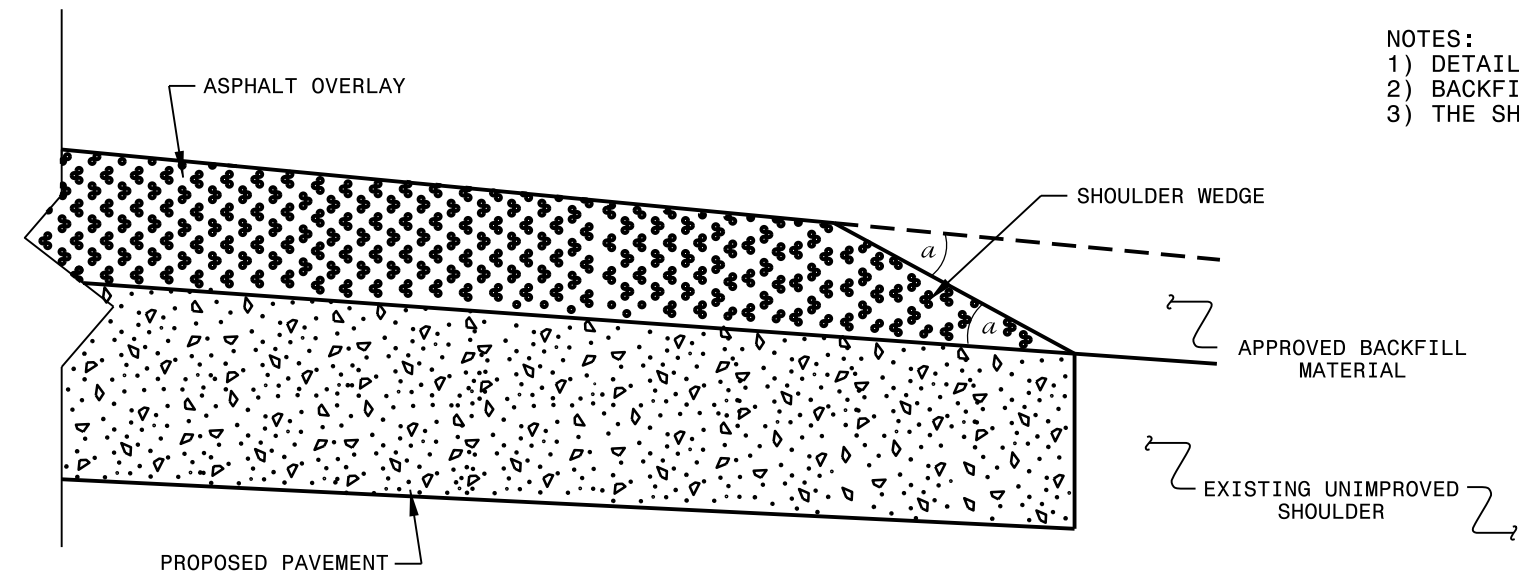
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND	
├	STATIONARY SIGN
➔	DIRECTION OF TRAFFIC FLOW

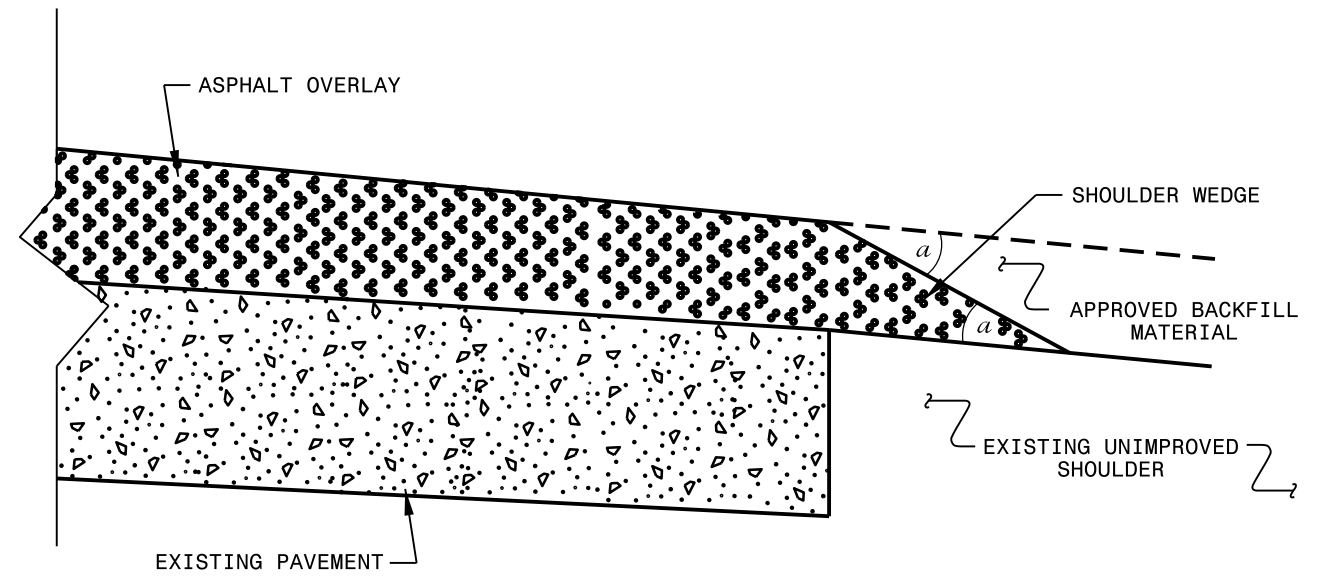
	<p><b>RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES</b></p>
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2/24/2014 S:\TMU\WZTC\Resurfacing\2013Documents\New\_Procedures\_05\_09\_2013\Resurfacing\_AdvWarn\_UrSub.dgn

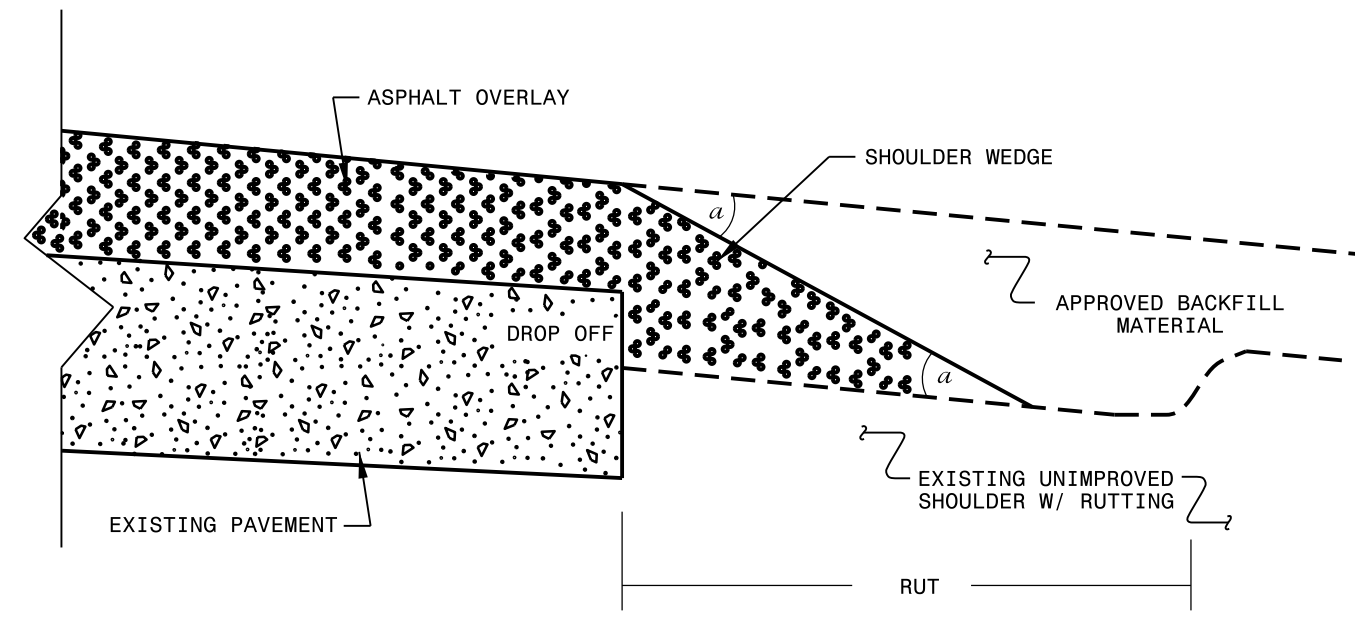
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

***SOIL STABILIZATION TIMEFRAMES***

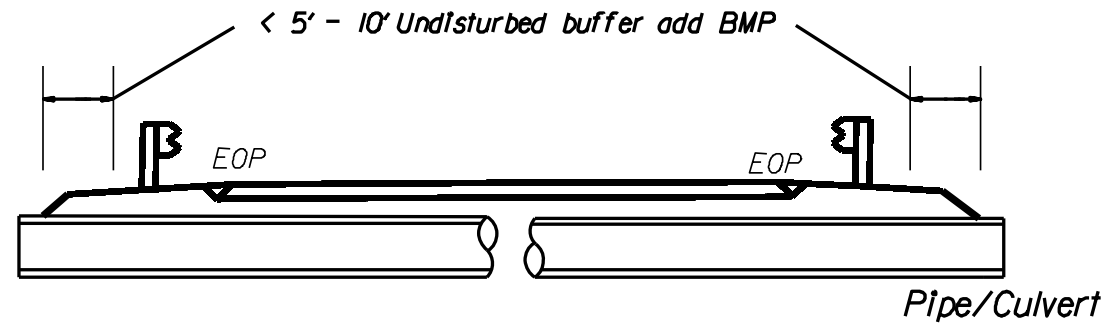
<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
<b>PERIMETER DIKES, SWALES, DITCHES AND SLOPES</b>	<b>7 DAYS</b>	<b>NONE</b>
<b>HIGH QUALITY WATER (HOW) ZONES</b>	<b>7 DAYS</b>	<b>NONE</b>
<b>SLOPES STEEPER THAN 3:1</b>	<b>7 DAYS</b>	<b>IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.</b>
<b>SLOPES 3:1 OR FLATTER</b>	<b>14 DAYS</b>	<b>7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.</b>
<b>ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1</b>	<b>14 DAYS</b>	<b>NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.</b>

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

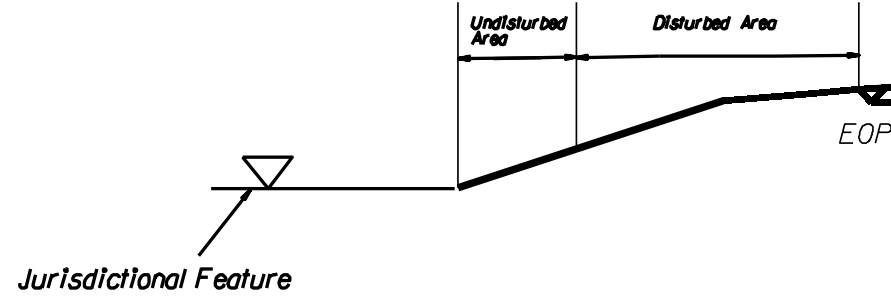
BMP Options: Wattle, Silt Fence, or Hardened Aggregate.

# EROSION CONTROL DETAIL

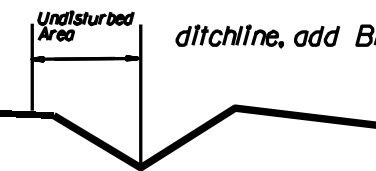
PROJECT REFERENCE NO. <b>1-1111</b>	SHEET NO. <b>10-11/01/11</b>
RDW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP



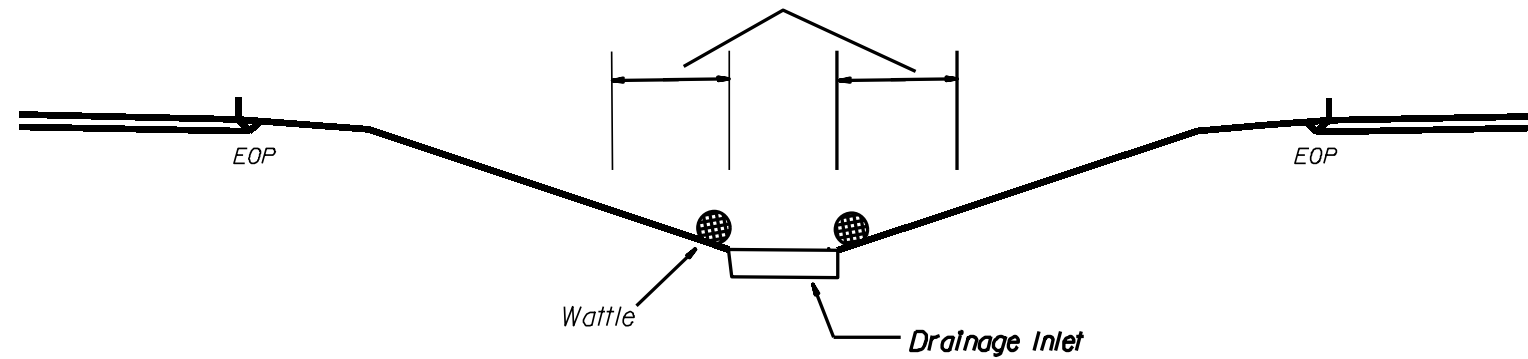
< 5' - 10' Undisturbed buffer from ditchline, add BMP



Use BMP's if shoulders and/or front slopes and/or ditchline and/or back slopes are disturbed

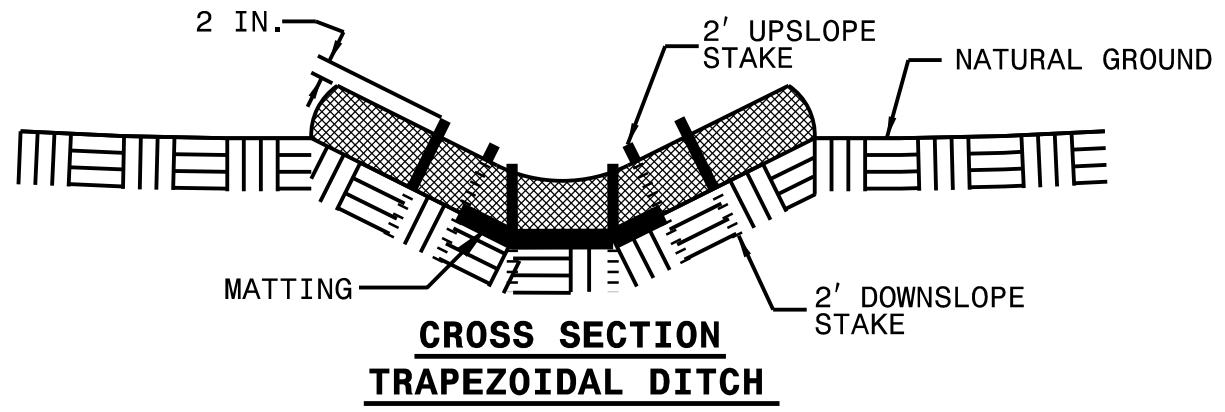
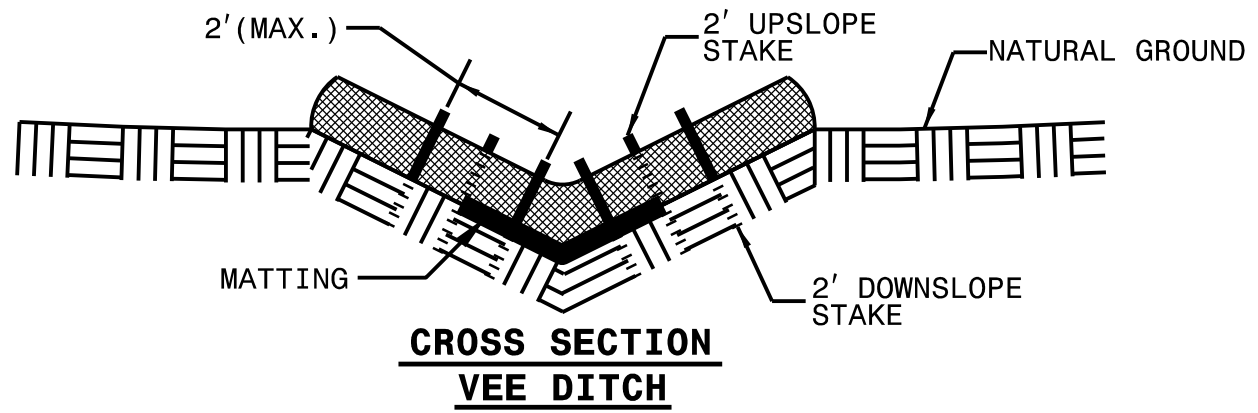
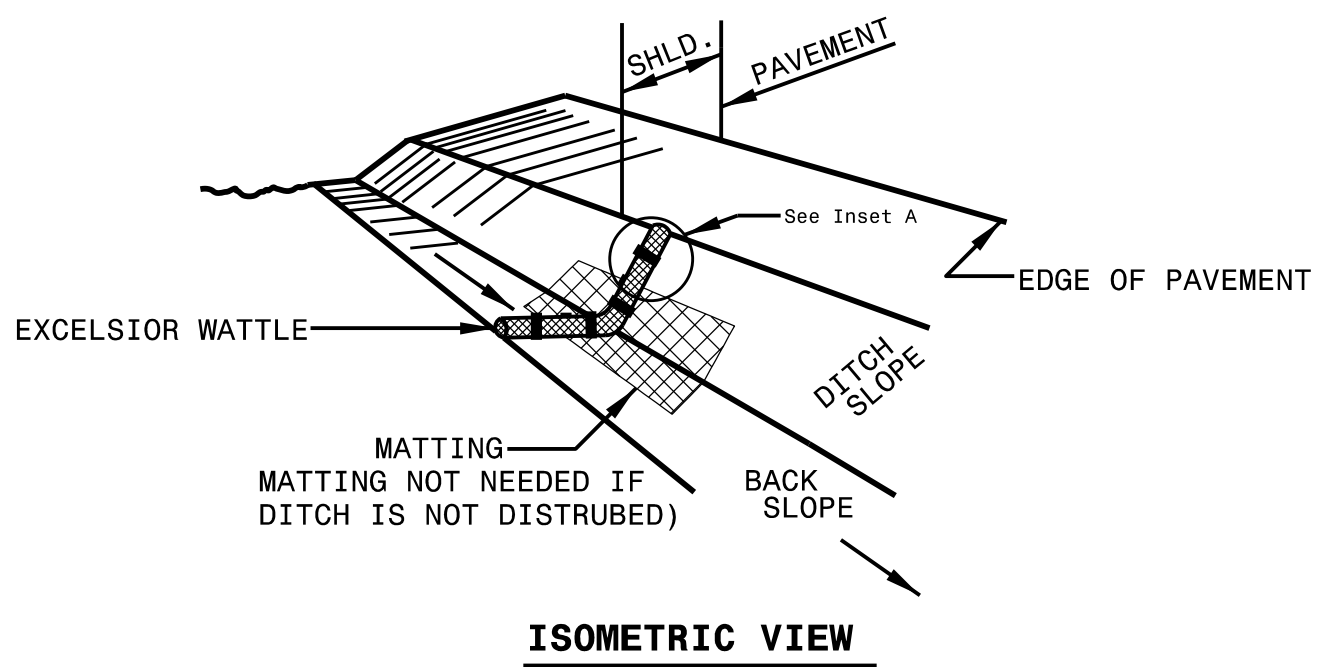


< 5' - 10' Undisturbed buffer from Inlet, add wattle



NOT TO SCALE

# WATTLE DETAIL



**NOTES:**

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

IF DITCH WILL BE DISTURBED, INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

