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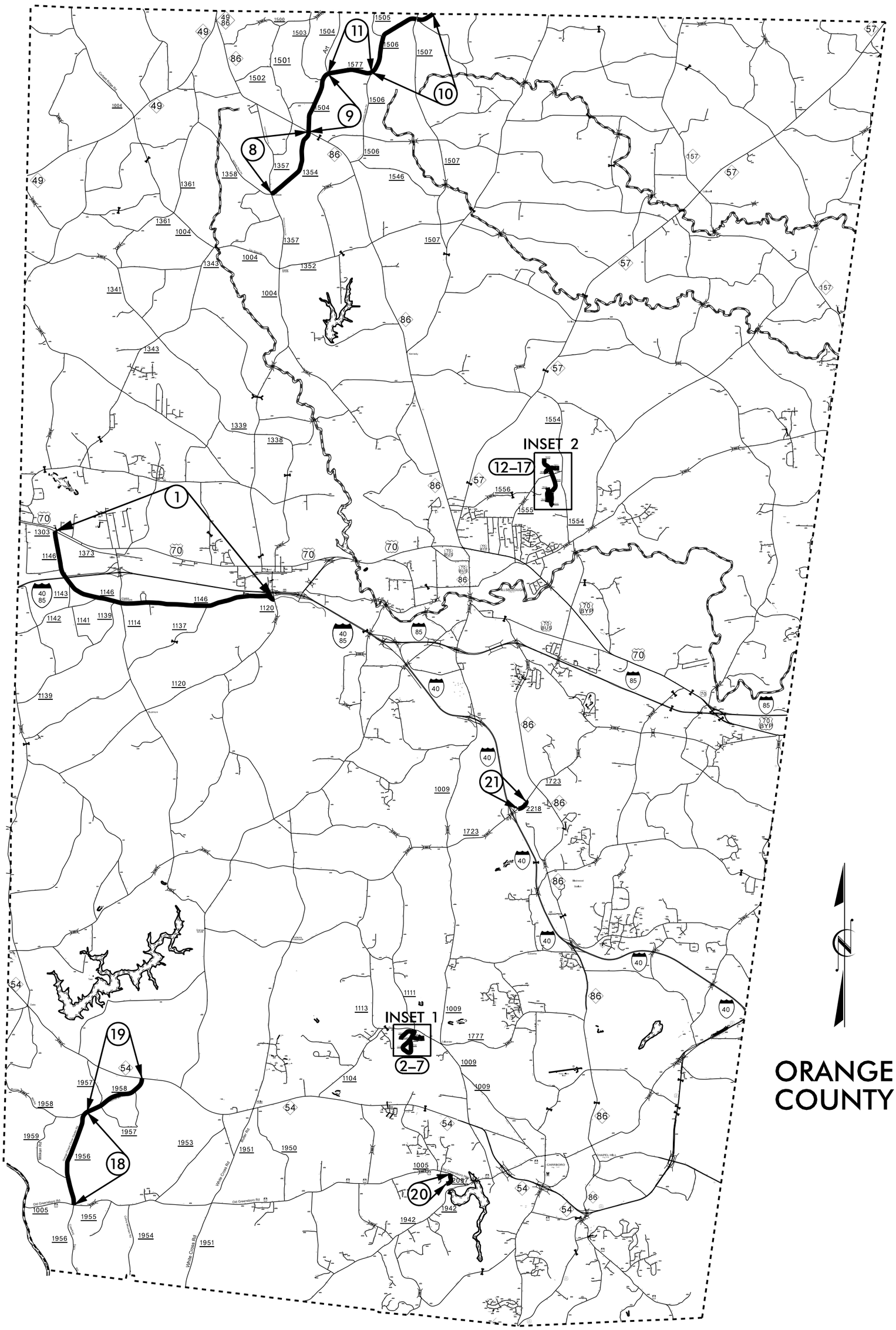
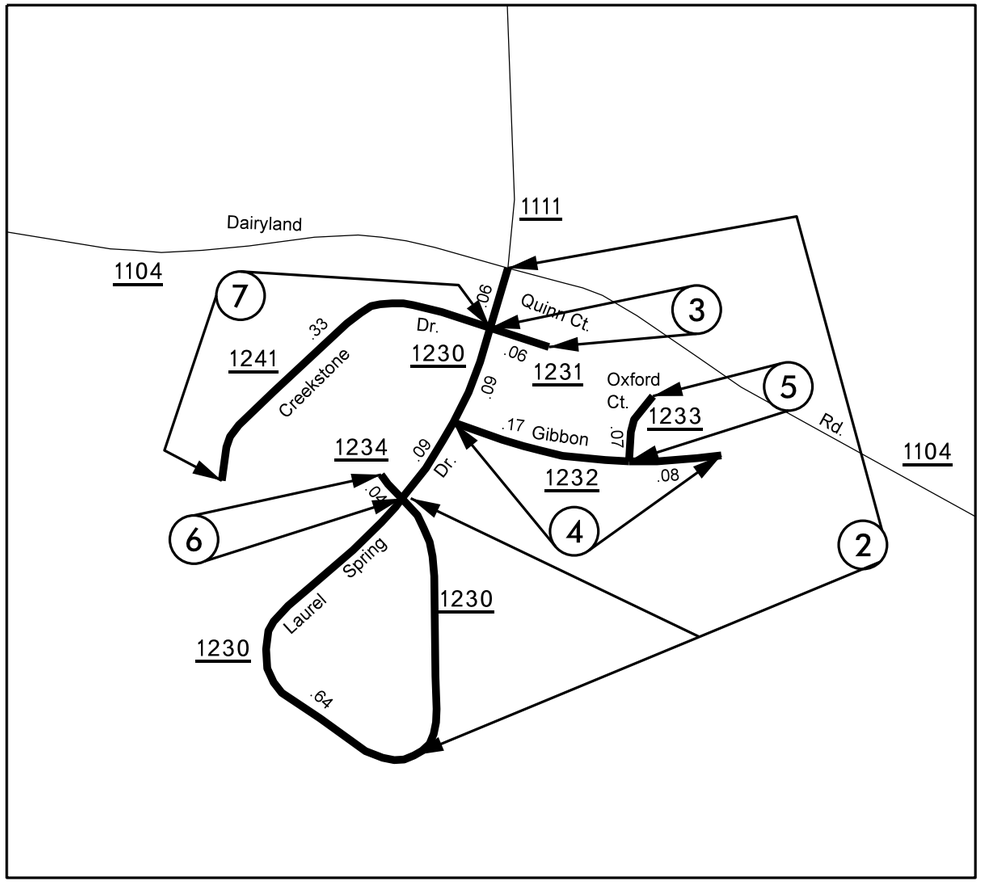


PROJECT REFERENCE NO.
2017CPT.07.13.20681

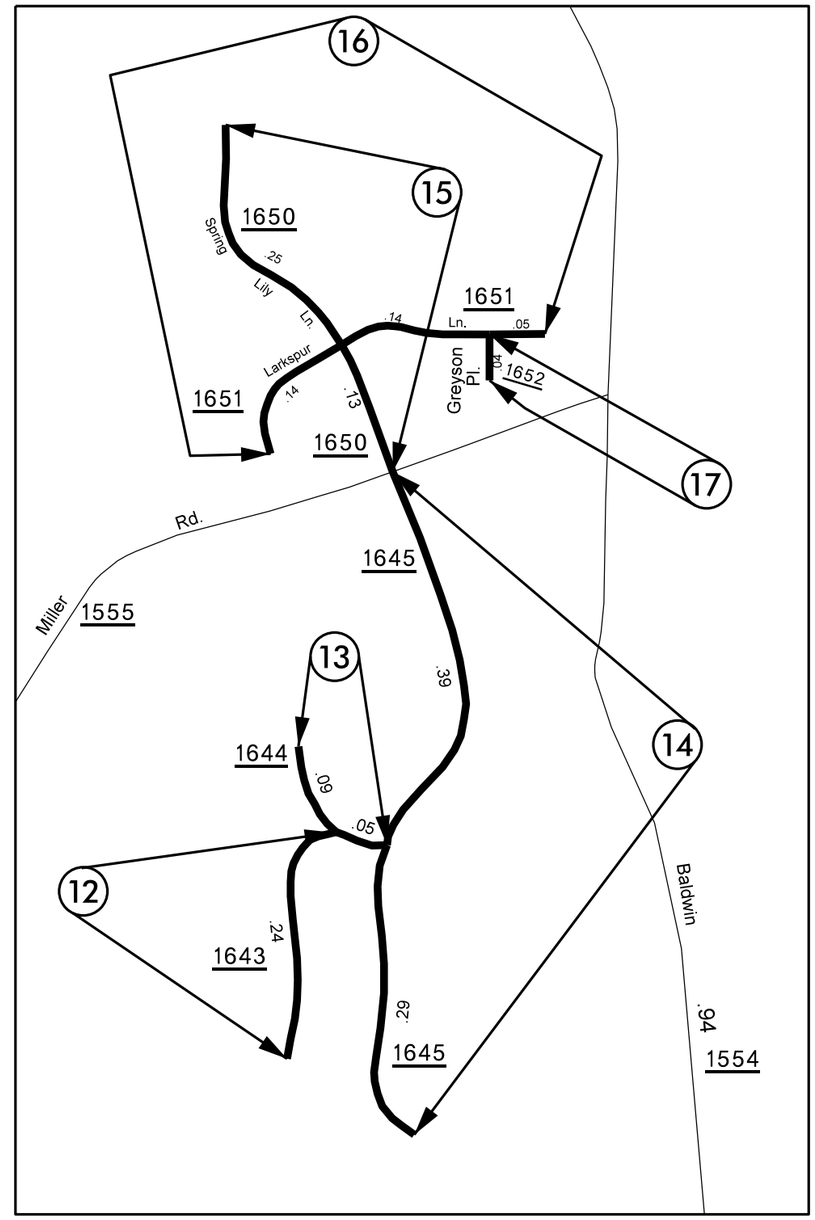
SHEET NO.
1

PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.13.20681	2

INSET 1



INSET 2



ORANGE COUNTY

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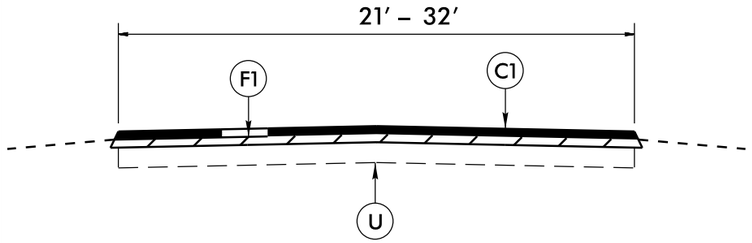
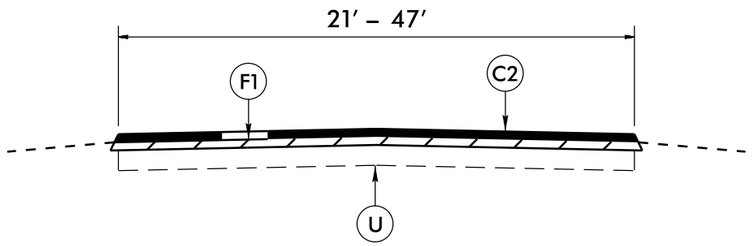
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.13.20681	3



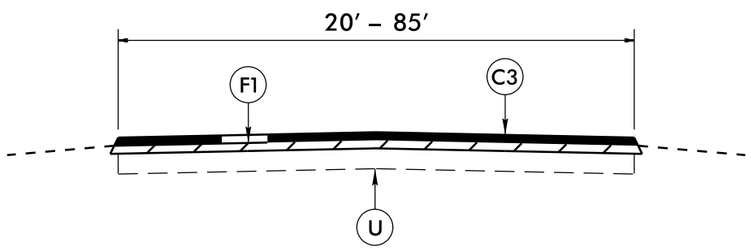
TYPICAL SECTION NO. 1

TO BE USED ON MAPS: 1, 21
MAP 1: STA. 00+00.00 to STA. 115+73.00



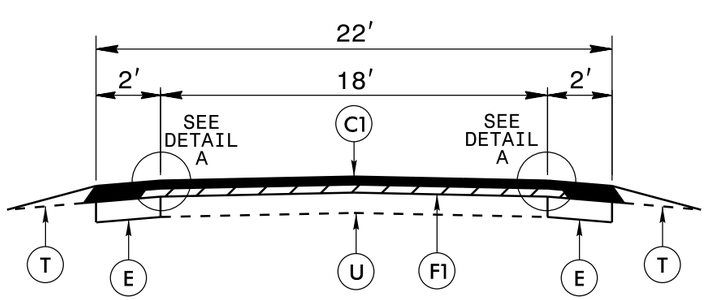
TYPICAL SECTION NO. 2

TO BE USED ON MAP: 1
MAP 1: STA. 117+18 to STA. 280+26.00



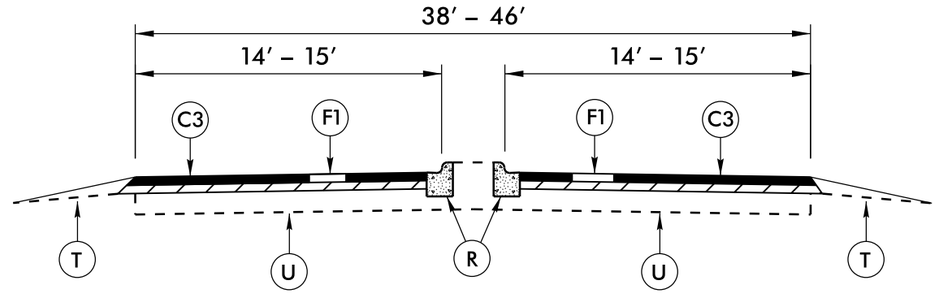
TYPICAL SECTION NO. 3

TO BE USED ON MAPS: 2 – 7,12–17, 20
MAP 14: STA. 00+00.00 to STA. 00+27.00
MAP 14: STA. 00+85.00 to STA. 35+50.00
MAP 15: STA. 00+00.00 to STA. 00+27.00
MAP 15: STA. 00+87.00 to STA. 19+93.00



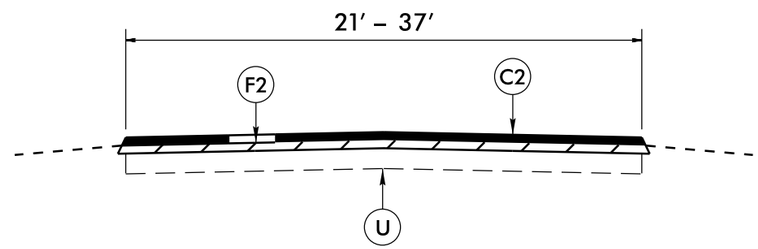
TYPICAL SECTION NO. 4

TO BE USED ON MAPS: 8–11



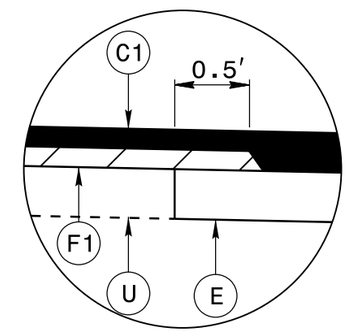
TYPICAL SECTION NO. 5

TO BE USED ON MAPS: 14, 15
MAP 14: STA. 00+27.00 to STA. 00+85.00
MAP 15: STA. 00+27.00 to STA. 00+87.00



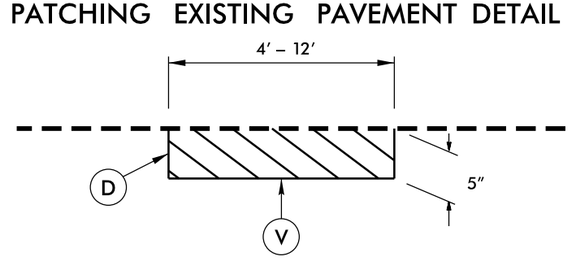
TYPICAL SECTION NO. 6

TO BE USED ON MAPS: 18, 19



DETAIL A

PATCHING EXISTING PAVEMENT DETAIL



MILL EXISTING ASPHALT PAVEMENT 5″ IN DEPTH, AND FILL WITH INTERMEDIATE COURSE, I 19.0 B AT LOCATIONS AS DIRECTED BY THE ENGINEER.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1¼″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 1″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
D	PROP. APPROX. 5″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
E	PROP. APPROX. 7″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 399 LBS. PER SQ. YD. IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, MAT COAT, 78M STONE
F2	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
R	EXISITING CONCRETE CURB AND GUTTER
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER
U	EXISTING PAVEMENT.
V	MILLING BITUMINOUS PAVEMENT, 5″ DEPTH

REVISIONS

8/17/99

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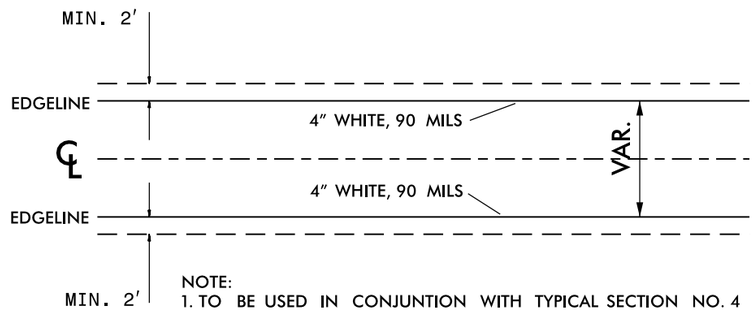
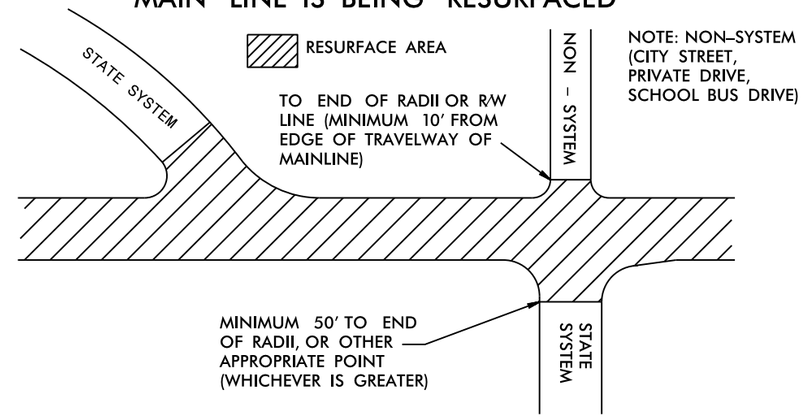
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.13.20681	4

STRIPING DETAIL 1
GENERAL STRIPING DETAIL FOR MAPS 8–11



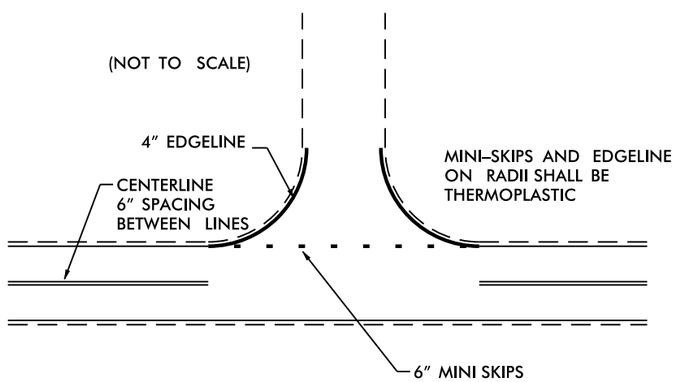
NOTE:
1. TO BE USED IN CONJUNTION WITH TYPICAL SECTION NO. 4
2. USE IN CONJUNCTION WTH THE EXISTING PAVEMENT MARKINGS TO ESTABLISH THE STRIPING
3. USE IN CONJUNCTION WITH THE NCDOT STANDARD DRAWINGS

PAVING DETAIL 1
MAIN LINE IS BEING RESURFACED



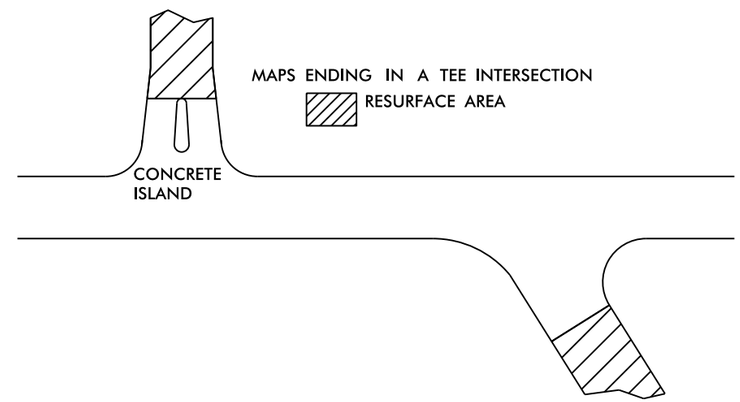
STRIPING DETAIL 2
NON–SIGNALIZED/ NON–CURB & GUTTER INTERSECTIONS

(NOT TO SCALE)

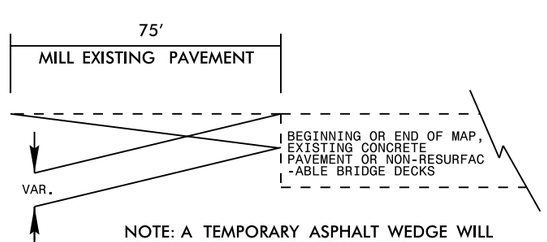


NOTE: MINI SKIPS SHALL BE PLACED ON A 8' CYCLE, CONTAINING AN 6' SPACE AND 2' SKIP. THE WIDTH OF THE SKIP SHALL BE 6".

PAVING DETAIL 2
MAIN LINE IS NOT BEING RESURFACED



INCIDENTAL MILLING DETAIL 1



NOTE: A TEMPORARY ASPHALT WEDGE WILL BE REQUIRED IMMEDIATELY AFTER MILLING TO ENSURE SMOOTH TRAVEL IF THE FINAL LAYER OF SURFACE COURSE IS NOT PLACED PRIOR TO OPENING THE LANE TO TRAFFIC.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
D	PROP. APPROX. 5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
E	PROP. APPROX. 7" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 399 LBS. PER SQ. YD. IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, MAT COAT, 78M STONE
F2	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
R	EXISITING CONCRETE CURB AND GUTTER
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER
U	EXISTING PAVEMENT.
V	MILLING BITUMINOUS PAVEMENT, 5" DEPTH

REVISIONS

8/17/99

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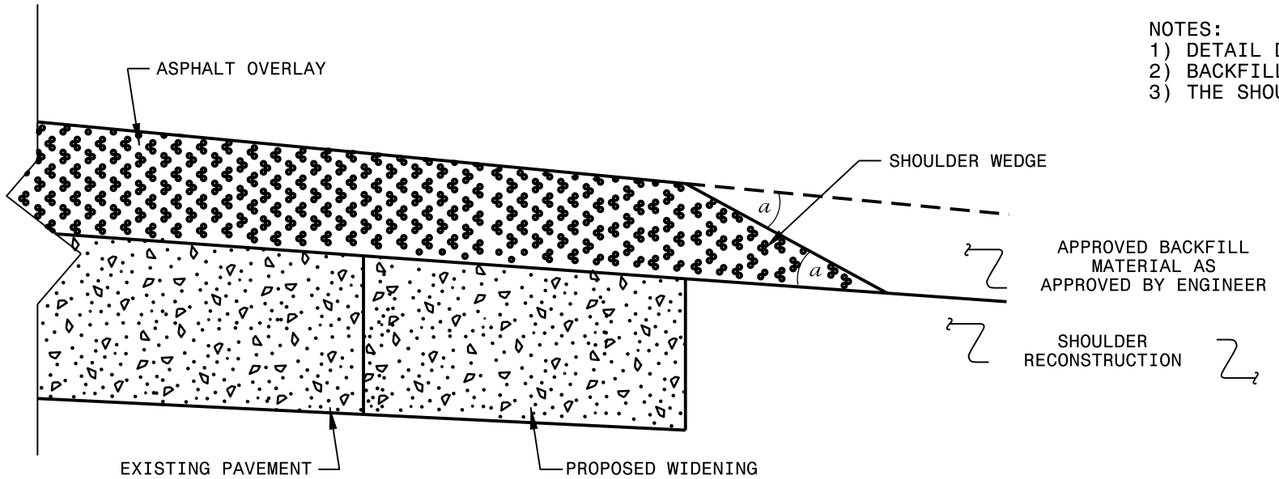
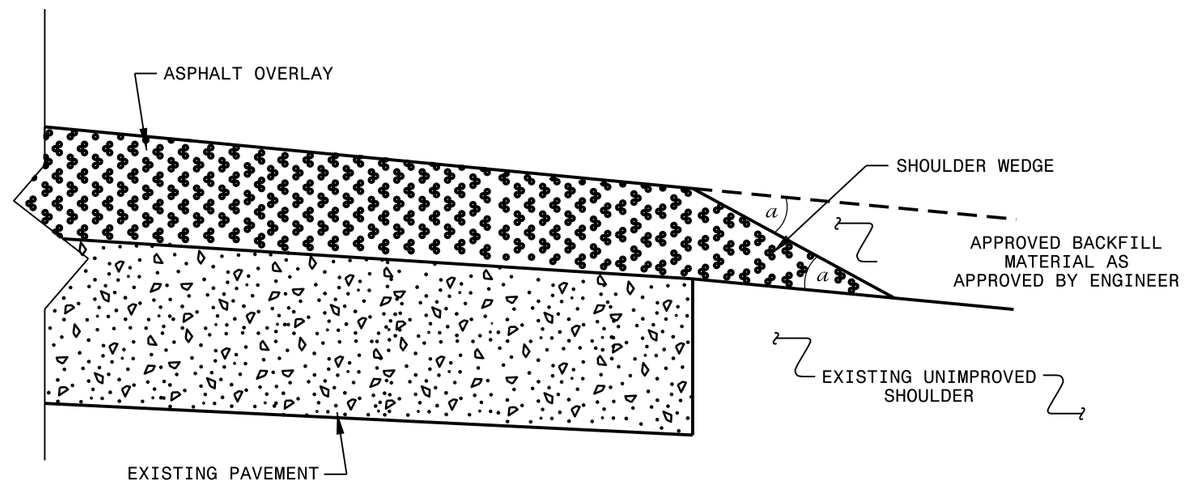
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.13.20681	5

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.



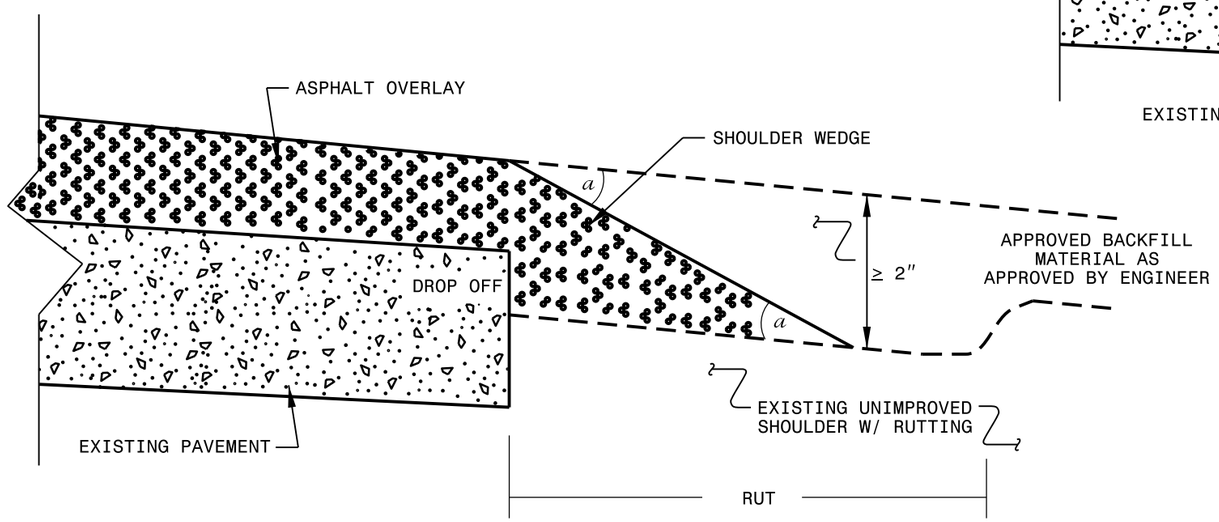
SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening Or Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

REV. DIV 7 5/6/2016

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.:	s:usr/details/stand/shoulderwedgedetail.dgn		

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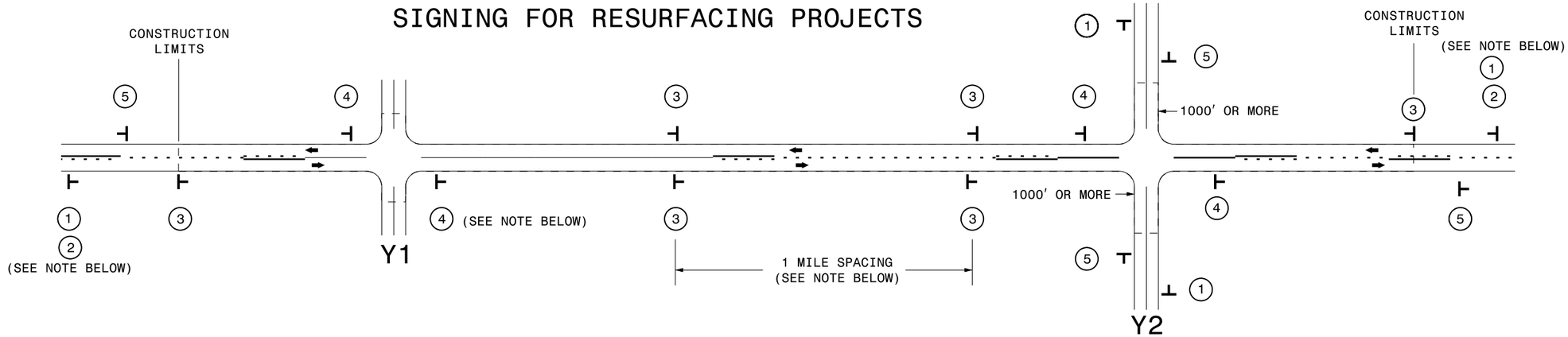
PROJ. REFERENCE NO.	SHEET NO.
2017CPT.07.13.20681	6

SIGNING FOR RESURFACING PROJECTS



LEGEND

- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1	ROAD WORK AHEAD 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	NEXT XX MILES 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	LOW/SOFT SHOULDER 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 ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.
4	ROAD UNDER CONST 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	END ROAD WORK G20-2 A 48″ X 24″	PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD
W20-1
48″ X 48″

PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A
48″ X 48″

PLACED 250′ IN ADVANCE OF FLAGGER.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

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PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.13.20681	7	10

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	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	ASPHALT CONC BASE COURSE, TYPE B25.0B TONS	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	GENERIC PAVING ITEM - [ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE] SY	SEEDING & MULCHING AC	GENERIC EROSION CONTROL ITEM - [RESIDENTIAL SEEDING] AC
2017CPT.07.13.20681	Orange	1	SR 1146 (MATTRESS FACTORY/W TEN RD)	FROM SR 1303 (E. WASHINGTON ST., 0.00) TO SR 1120 (MT WILLING RD, 5.36)	1	2	2WU	NO	NO	0.525	22		416		185		468	31	700	6,776	2,237			
					1	2	2WU	NO	NO	0.047	27						51	3		744	248			
					1	2	2WU	NO	NO	0.052	32						67	5		976	325			
					1	2	2WU	NO	NO	0.064	28						73	5		1,051	341			
					1	2	2WU	NO	NO	0.243	23				192		226	15		3,279	1,084			
					SKIP BRIDGE			NO	NO	0.05	23													
					1	2	2WU	NO	NO	0.117	23				192		109	7		1,579	523			
					1	2	2WU	NO	NO	1.092	21				175		970	65		13,453	4,439			
					SKIP INTERSECTION			NO	NO	0.027	21													
					2	2	2WU	NO	NO	1.217	21				175		1,244	83		14,993	4,947			
					2	2	2WU	NO	NO	0.064	26						81	5		976	324			
					2	2	2WU	NO	NO	0.056	31						84	6		1,018	335			
					2	2	2WU	NO	NO	0.036	47						82	6		993	327			
					2	2	2WU	NO	NO	0.03	41						60	4		722	238			
					2	2	2WU	NO	NO	0.15	34						248	17		2,992	985			
					2	2	2WU	NO	NO	0.038	47						87	6		1,048	345			
					2	2	2WU	NO	NO	0.024	39						45	3		549	177			
					2	2	2WU	NO	NO	0.065	30						95	6		1,144	380			
					2	2	2WU	NO	NO	0.019	26						24	2		290	94			
					2	2	2WU	NO	NO	1.195	21				175		1,222	82		14,722	4,859			
TOTAL FOR MAP NO. 1										**5.111**			**416**		**1,094**		**5,236**	**351**	**700**	**67,305**	**22,208**			
2017CPT.07.13.20681	Orange	2	SR 1230 (LAUREL SPRINGS DR)	FROM SR 1104 (DAIRYLAND RD, 0.00) TO SR 1230 (LAUREL SPRINGS DR., 0.90)	3	2	2WU	NO	NO	0.869	21		100		175		591	40		10,706	3,534			
					3	2	2WU	NO	NO	0.009	38						11	1		201	70			
TOTAL FOR MAP NO. 2										**0.878**			**100**		**175**		**602**	**41**		**10,907**	**3,604**			
2017CPT.07.13.20681	Orange	3	SR 1231 (QUINN CT)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (0.066)	3	2	2WU	NO	NO	0.004	36						5			84	26			
					3	2	2WU	NO	NO	0.044	21						30	2		542	177			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 3										**0.061**							**64**	**4**		**1,160**	**383**			
2017CPT.07.13.20681	Orange	4	SR 1232 (GIBBON DR.)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (0.26)	3	2	2WU	NO	NO	0.004	43		18				6			101	32			
					3	2	2WU	NO	NO	0.239	21						163	11		2,944	970			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 4										**0.256**			**18**				**198**	**13**		**3,579**	**1,182**			
2017CPT.07.13.20681	Orange	5	SR 1233 (OXFORD CT)	FROM SR 1232 (GIBBON DR, 0.00) TO CUL-DE-SAC (0.07)	3	2	2WU	NO	NO	0.004	38		13				5			89	28			
					3	2	2WU	NO	NO	0.051	21						35	2		628	208			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 5										**0.068**			**13**				**69**	**4**		**1,251**	**416**			
2017CPT.07.13.20681	Orange	6	SR 1234 (VALEN CT.)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (MP 0.037)	3	2	2WU	NO	NO	0.004	36		3				5			84	26			
					3	2	2WU	NO	NO	0.013	21						9	1		160	54			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 6										**0.03**			**3**				**43**	**3**		**778**	**260**			
2017CPT.07.13.20681	Orange	7	SR 1241 (CREEKSTONE DR.)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (0.347)	3	2	2WU	NO	NO	0.004	44		28				6			103	32			
					3	2	2WU	NO	NO	0.324	21						220	15		3,992	1,317			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 7										**0.341**			**28**				**255**	**17**		**4,629**	**1,529**			
2017CPT.07.13.20681	Orange	8	SR 1354 (MCDADE STORE RD.)	FROM SR 1357 (EFLAND-CEDAR GROVE RD., 0.00) TO NC 86 (1.55)	4	2	2WU	NO	NO	1.527	18	76	75	3.05	317	1,638	1,368	164	220	17,021	5,619		0.83	0.28
TOTAL FOR MAP NO. 8										**1.527**		**76**	**75**	**3.05**	**317**	**1,638**	**1,368**	**164**	**220**	**17,021**	**5,619**		**0.83**	**0.28**
2017CPT.07.13.20681	Orange	9	SR 1504 (HURDLE MILLS RD.)	FROM NC 86 (0.00) TO 40' NORTH OF SR 1504 (ART RD., 1.26)	4	2	2WU	NO	NO	1.25	18	63	40	2.50	300	1,341	1,281	145	100	14,667	4,840		0.68	0.23
TOTAL FOR MAP NO. 9										**1.25**		**63**	**40**	**2.50**	**300**	**1,341**	**1,281**	**145**	**100**	**14,667**	**4,840**		**0.68**	**0.23**
2017CPT.07.13.20681	Orange	10	SR 1506 (HURDLE MILLS RD.)	FROM 40' N. OF SR 1577 (HURDLE MILLS RD., 1.89) TO PERSON COUNTY LINE, (0.00)	4	2	2WU	NO	NO	1.877	18	94	88	3.75	750	2,014	1,917	217	100	20,922	6,904		1.02	0.34

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.13.20681	8	10

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	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	ASPHALT CONC BASE COURSE, TYPE B25.0B TONS	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	GENERIC PAVING ITEM - [ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE] SY	SEEDING & MULCHING AC	GENERIC EROSION CONTROL ITEM - [RESIDENTIAL SEEDING] AC
TOTAL FOR MAP NO. 10										**1.877**		**94**	**88**	**3.75**	**750**	**2,014**	**1,917**	**217**	**100**	**20,922**	**6,904**		**1.02**	**0.34**
2017CPT.07.13.20681	Orange	11	SR 1577 (HURDLE MILLS RD.)	FROM 40 NORTH OF SR 1504 (ART RD., 0.00) TO 40' NORTH OF SR 1506 (CAVINESS JORDAN RD., 0.88)	4	2	2WU	NO	NO	0.883	18	44	25	1.77		947	846	98	100	9,843	3,246		0.48	0.16
TOTAL FOR MAP NO. 11										**0.883**		**44**	**25**	**1.77**		**947**	**846**	**98**	**100**	**9,843**	**3,246**		**0.48**	**0.16**
2017CPT.07.13.20681	Orange	12	SR 1643 (STILLBROOK PL.)	FROM SR 1644 (WINTER SWEET PL., 0.00) TO CUL-DE-SAC (0.24)	3	2	2WU	NO	NO	0.006	46						9	1	30	162	50			
					3	2	2WU	NO	NO	0.216	21						147	10		2,661	878			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 12										**0.235**							**185**	**13**	**30**	**3,357**	**1,108**			
2017CPT.07.13.20681	Orange	13	SR 1644 (WINTER SWEET PL.)	FROM SR 1645 (MEADOW WIND LN., 0.00) TO CUL-DE-SAC (0.14)	3	2	2WU	NO	NO	0.006	53						10	1	30	187	58			
					3	2	2WU	NO	NO	0.116	21						79	5		1,429	474			
					3	2	2WU	NO	NO	0.014	70						32	2		575	193			
TOTAL FOR MAP NO. 13										**0.136**							**121**	**8**	**30**	**2,191**	**725**			
2017CPT.07.13.20681	Orange	14	SR 1645 (MEADOW WIND LN.)	FROM SR 1555 (MILLER RD., 0.00) TO CUL-DE-SAC (0.68)	3	2	2WU	NO	NO	0.005	67				200		11	1	50	197	66			
					5	2	2WU	NO	NO	0.011	30						11	1		194	64			
					3	2	2WU	NO	NO	0.007	30						7			123	38			
					3	2	2WU	NO	NO	0.636	21						433	29		7,836	2,587			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 14										**0.672**					**200**		**491**	**33**	**50**	**8,884**	**2,935**			
2017CPT.07.13.20681	Orange	15	SR 1650 (SPRING LILY LN.)	FROM SR 1555 (MILLER RD., 0.00) TO CUL-DE-SAC (0.38)	3	2	2WU	NO	NO	0.005	76		5		230		12	1		223	75			
					5	2	2WU	NO	NO	0.011	28						10	1		181	62			
					3	2	2WU	NO	NO	0.015	30						15	1		264	83			
					3	2	2WU	NO	NO	0.333	21						227	15		4,103	1,354			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 15										**0.377**			**5**		**230**		**293**	**20**		**5,305**	**1,754**			
2017CPT.07.13.20681	Orange	16	SR 1651 (LARKSPUR LN.)	FROM CUL-DE-SAC (0.0) TO CUL-DE-SAC (0.33)	3	2	2WU	NO	NO	0.013	70						29	2		534	180			
					3	2	2WU	NO	NO	0.121	21						82	6		1,491	493			
					3	2	2WU	NO	NO	0.006	44						9	1		155	48			
					SKIP INTERSECTION			NO	NO	0.004	43													
					3	2	2WU	NO	NO	0.006	42						8	1		148	46			
					3	2	2WU	NO	NO	0.169	21						115	8		2,082	688			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 16										**0.332**							**272**	**20**		**4,944**	**1,635**			
2017CPT.07.13.20681	Orange	17	SR 1652 (GREYSON PL.)	FROM SR 1651 (LARKSPUR LN., 0.00) TO CUL-DE-SAC (0.04)	3	2	2WU	NO	NO	0.005	46						7			135	45			
					3	2	2WU	NO	NO	0.023	21						16	1		283	95			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 17										**0.041**							**52**	**3**		**952**	**320**			
2017CPT.07.13.20681	Orange	18	SR 1956 (ORANGE CHAPEL CLOVER RD.)	FROM SR 1005 (GREENSBORO RD., 1.458) TO SR 1958 (MORROW MILL RD., 3.42)	6	2	2WU	NO	NO	1.95	21		151		175		2,054	138	300		9,128	24,024		
TOTAL FOR MAP NO. 18										**1.95**			**151**		**175**		**2,054**	**138**	**300**		**9,128**	**24,024**		
2017CPT.07.13.20681	Orange	19	SR 1958 (MORROW MILL RD.)	FROM SR 1956 (ORANGE CHAPEL CLOVER RD., 1.36) TO NC 54 (0.00)	6	2	2WU	NO	NO	1.293	21		113		240		1,442	97	300		6,052	15,930		
					6	2	2WU	NO	NO	0.032	29						45	3			208	544		
TOTAL FOR MAP NO. 19										**1.325**			**113**		**240**		**1,487**	**100**	**300**		**6,260**	**16,474**		
2017CPT.07.13.20681	Orange	20	SR 2057 (STURBRIDGE LN.)	FROM SR 1005 (OLD GREENSBORO RD., 0.00) TO CUL-DE-SAC (0.266)	3	2	2WU	NO	NO	0.236	20		15		170		153	10	45	2,769	913			
					3	2	2WU	NO	NO	0.013	70						29	2		534	180			
TOTAL FOR MAP NO. 20										**0.249**			**15**		**170**		**182**	**12**	**45**	**3,303**	**1,093**			
2017CPT.07.13.20681	Orange	21	SR 2218 (NEW HOPE TRACE)	FROM SR 1723 (NEW HOPE CHURCH RD., 0.00) TO SR 1723 (NEW HOPE CHURCH RD., 0.24)	1	2	2WU	NO	NO	0.216	18		18		300		158	11		2,281	754			
TOTAL FOR MAP NO. 21										**0.216**			**18**		**300**		**158**	**11**		**2,281**	**754**			
TOTAL FOR PROJ NO. 2017CPT.07.13.20681										**17.815**		**277**	**1,108**	**11.07**	**3,951**	**5,940**	**17,174**	**1,415**	**1,975**	**183,279**	**75,903**	**40,498**	**3.01**	**1.01**
GRAND TOTAL										**17.815**		**277**	**1,108**	**11.07**	**3,951**	**5,940**	**17,174**	**1,415**	**1,975**	**183,279**	**75,903**	**40,498**	**3.01**	**1.01**

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.13.20681	9	10

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4399000000-N TEMPORARY TRAFFIC CONTROL LS	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	4685000000-E 4" X 90 M WHITE THERMO LF	4690000000-E 6" X 120 M WHITE THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	4721000000-E THERMO MSG SCHOOL 120 M EA	4725000000-E THERMO LT ARROW 90 M EA	4725000000-E THERMO RT ARROW 90 M EA	4810000000-E 4" WHITE PAINT LF	4810000000-E 4" YELLOW PAINT LF	4820000000-E 8" YELLOW PAINT LF
2017CPT.07.13.20681	Orange	1	SR 1146 (MATTRESS FACTORY/W TEN RD)	FROM SR 1303 (E. WASHINGTON ST., 0.00) TO SR 1120 (MT WILLING RD, 5.36)	1	2	2WU	0.525	22	1	573	1,695	199	194	12	11	4	108,562	94,055	630
					1	2	2WU	0.047	27											
					1	2	2WU	0.052	32											
					1	2	2WU	0.064	28											
					1	2	2WU	0.243	23											
					SKIP BRIDGE			0.05	23											
					1	2	2WU	0.117	23											
					1	2	2WU	1.092	21											
					SKIP INTERSECTION			0.027	21											
					2	2	2WU	1.217	21											
					2	2	2WU	0.064	26											
					2	2	2WU	0.056	31											
					2	2	2WU	0.036	47											
					2	2	2WU	0.03	41											
					2	2	2WU	0.15	34											
					2	2	2WU	0.038	47											
					2	2	2WU	0.024	39											
					2	2	2WU	0.065	30											
					2	2	2WU	0.019	26											
					2	2	2WU	1.195	21											
TOTAL FOR MAP NO. 1								**5.111**		**1**	**573**	**1,695**	**199**	**194**	**12**	**11**	**4**	**108,562**	**94,055**	**630**
2017CPT.07.13.20681	Orange	2	SR 1230 (LAUREL SPRINGS DR)	FROM SR 1104 (DAIRYLAND RD, 0.00) TO SR 1230 (LAUREL SPRINGS DR., 0.90)	3	2	2WU	0.869	21		99									
					3	2	2WU	0.009	38											
TOTAL FOR MAP NO. 2								**0.878**			**99**									
2017CPT.07.13.20681	Orange	3	SR 1231 (QUINN CT)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (0.066)	3	2	2WU	0.004	36		7									
					3	2	2WU	0.044	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 3								**0.061**			**7**									
2017CPT.07.13.20681	Orange	4	SR 1232 (GIBBON DR.)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (0.26)	3	2	2WU	0.004	43		30									
					3	2	2WU	0.239	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 4								**0.256**			**30**									
2017CPT.07.13.20681	Orange	5	SR 1233 (OXFORD CT)	FROM SR 1232 (GIBBON DR, 0.00) TO CUL-DE-SAC (0.07)	3	2	2WU	0.004	38		8									
					3	2	2WU	0.051	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 5								**0.068**			**8**									
2017CPT.07.13.20681	Orange	6	SR 1234 (VALEN CT.)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (MP 0.037)	3	2	2WU	0.004	36		4									
					3	2	2WU	0.013	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 6								**0.03**			**4**									
2017CPT.07.13.20681	Orange	7	SR 1241 (CREEKSTONE DR.)	FROM SR 1230 (LAUREL SPRINGS DR., 0.00) TO CUL-DE-SAC (0.347)	3	2	2WU	0.004	44		39									
					3	2	2WU	0.324	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 7								**0.341**			**39**									
2017CPT.07.13.20681	Orange	8	SR 1354 (MCDADE STORE RD.)	FROM SR 1357 (EFLAND-CEDAR GROVE RD., 0.00) TO NC 86 (1.55)	4	2	2WU	1.527	18		172							32,260	31,453	
TOTAL FOR MAP NO. 8								**1.527**			**172**							**32,260**	**31,453**	
2017CPT.07.13.20681	Orange	9	SR 1504 (HURDLE MILLS RD.)	FROM NC 86 (0.00) TO 40' NORTH OF SR 1504 (ART RD., 1.26)	4	2	2WU	1.25	18		140	425	42					26,400	19,897	
TOTAL FOR MAP NO. 9								**1.25**			**140**	**425**	**42**					**26,400**	**19,897**	
2017CPT.07.13.20681	Orange	10	SR 1506 (HURDLE MILLS RD.)	FROM 40' N. OF SR 1577 (HURDLE MILLS RD., 1.89) TO PERSON COUNTY LINE, (0.00)	4	2	2WU	1.877	18		211	594	80					39,640	32,690	
TOTAL FOR MAP NO. 10								**1.877**			**211**	**594**	**80**					**39,640**	**32,690**	

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.13.20681	10	10

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4399000000-N TEMPORARY TRAFFIC CONTROL LS	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	4685000000-E 4" X 90 M WHITE THERMO LF	4690000000-E 6" X 120 M WHITE THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	4721000000-E THERMO MSG SCHOOL 120 M EA	4725000000-E THERMO LT ARROW 90 M EA	4725000000-E THERMO RT ARROW 90 M EA	4810000000-E 4" WHITE PAINT LF	4810000000-E 4" YELLOW PAINT LF	4820000000-E 8" YELLOW PAINT LF
2017CPT.07.13.20681	Orange	11	SR 1577 (HURDLE MILLS RD.)	FROM 40 NORTH OF SR 1504 (ART RD., 0.00) TO 40' NORTH OF SR 1506 (CAVINESS JORDAN RD., 0.88)	4	2	2WU	0.883	18		99	140	24					18,640	15,769	
TOTAL FOR MAP NO. 11								**0.883**			**99**	**140**	**24**					**18,640**	**15,769**	
2017CPT.07.13.20681	Orange	12	SR 1643 (STILLBROOK PL.)	FROM SR 1644 (WINTER SWEET PL., 0.00) TO CUL-DE-SAC (0.24)	3	2	2WU	0.006	46		26									
					3	2	2WU	0.216	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 12								**0.235**			**26**									
2017CPT.07.13.20681	Orange	13	SR 1644 (WINTER SWEET PL.)	FROM SR 1645 (MEADOW WIND LN., 0.00) TO CUL-DE-SAC (0.14)	3	2	2WU	0.006	53		16									
					3	2	2WU	0.116	21											
					3	2	2WU	0.014	70											
TOTAL FOR MAP NO. 13								**0.136**			**16**									
2017CPT.07.13.20681	Orange	14	SR 1645 (MEADOW WIND LN.)	FROM SR 1555 (MILLER RD., 0.00) TO CUL-DE-SAC (0.68)	3	2	2WU	0.005	67		76									
					5	2	2WU	0.011	30											
					3	2	2WU	0.007	30											
					3	2	2WU	0.636	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 14								**0.672**			**76**									
2017CPT.07.13.20681	Orange	15	SR 1650 (SPRING LILY LN.)	FROM SR 1555 (MILLER RD., 0.00) TO CUL-DE-SAC (0.38)	3	2	2WU	0.005	76		43									
					5	2	2WU	0.011	28											
					3	2	2WU	0.015	30											
					3	2	2WU	0.333	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 15								**0.377**			**43**									
2017CPT.07.13.20681	Orange	16	SR 1651 (LARKSPUR LN.)	FROM CUL-DE-SAC (0.0) TO CUL-DE-SAC (0.33)	3	2	2WU	0.013	70		37									
					3	2	2WU	0.121	21											
					3	2	2WU	0.006	44											
					SKIP INTERSECTION			0.004	43											
					3	2	2WU	0.006	42											
					3	2	2WU	0.169	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 16								**0.332**			**37**									
2017CPT.07.13.20681	Orange	17	SR 1652 (GREYSON PL.)	FROM SR 1651 (LARKSPUR LN., 0.00) TO CUL-DE-SAC (0.04)	3	2	2WU	0.005	46		5									
					3	2	2WU	0.023	21											
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 17								**0.041**			**5**									
2017CPT.07.13.20681	Orange	18	SR 1956 (ORANGE CHAPEL CLOVER RD.)	FROM SR 1005 (GREENSBORO RD., 1.458) TO SR 1958 (MORROW MILL RD., 3.42)	6	2	2WU	1.95	21		219	350	52					41,180	31,520	
TOTAL FOR MAP NO. 18								**1.95**			**219**	**350**	**52**					**41,180**	**31,520**	
2017CPT.07.13.20681	Orange	19	SR 1958 (MORROW MILL RD.)	FROM SR 1956 (ORANGE CHAPEL CLOVER RD., 1.36) TO NC 54 (0.00)	6	2	2WU	1.293	21		148	300	42					27,980	27,980	
					6	2	2WU	0.032	29											
TOTAL FOR MAP NO. 19								**1.325**			**148**	**300**	**42**					**27,980**	**27,980**	
2017CPT.07.13.20681	Orange	20	SR 2057 (STURBRIDGE LN.)	FROM SR 1005 (OLD GREENSBORO RD., 0.00) TO CUL-DE-SAC (0.266)	3	2	2WU	0.236	20		28									
					3	2	2WU	0.013	70											
TOTAL FOR MAP NO. 20								**0.249**			**28**									
2017CPT.07.13.20681	Orange	21	SR 2218 (NEW HOPE TRACE)	FROM SR 1723 (NEW HOPE CHURCH RD., 0.00) TO SR 1723 (NEW HOPE CHURCH RD., 0.24)	1	2	2WU	0.216	18		25							4,568	4,568	
TOTAL FOR MAP NO. 21								**0.216**			**25**							**4,568**	**4,568**	
TOTAL FOR PROJ NO. 2017CPT.07.13.20681								**17.815**		**1**	**2,005**	**3,504**	**439**	**194**	**12**	**11**	**4**	**299,230**	**257,932**	**630**
																15		**557,162**		
GRAND TOTAL								**17.815**		**1**	**2,005**	**3,504**	**439**	**194**	**12**	**11**	**4**	**299,230**	**257,932**	**630**
																15		**557,162**		