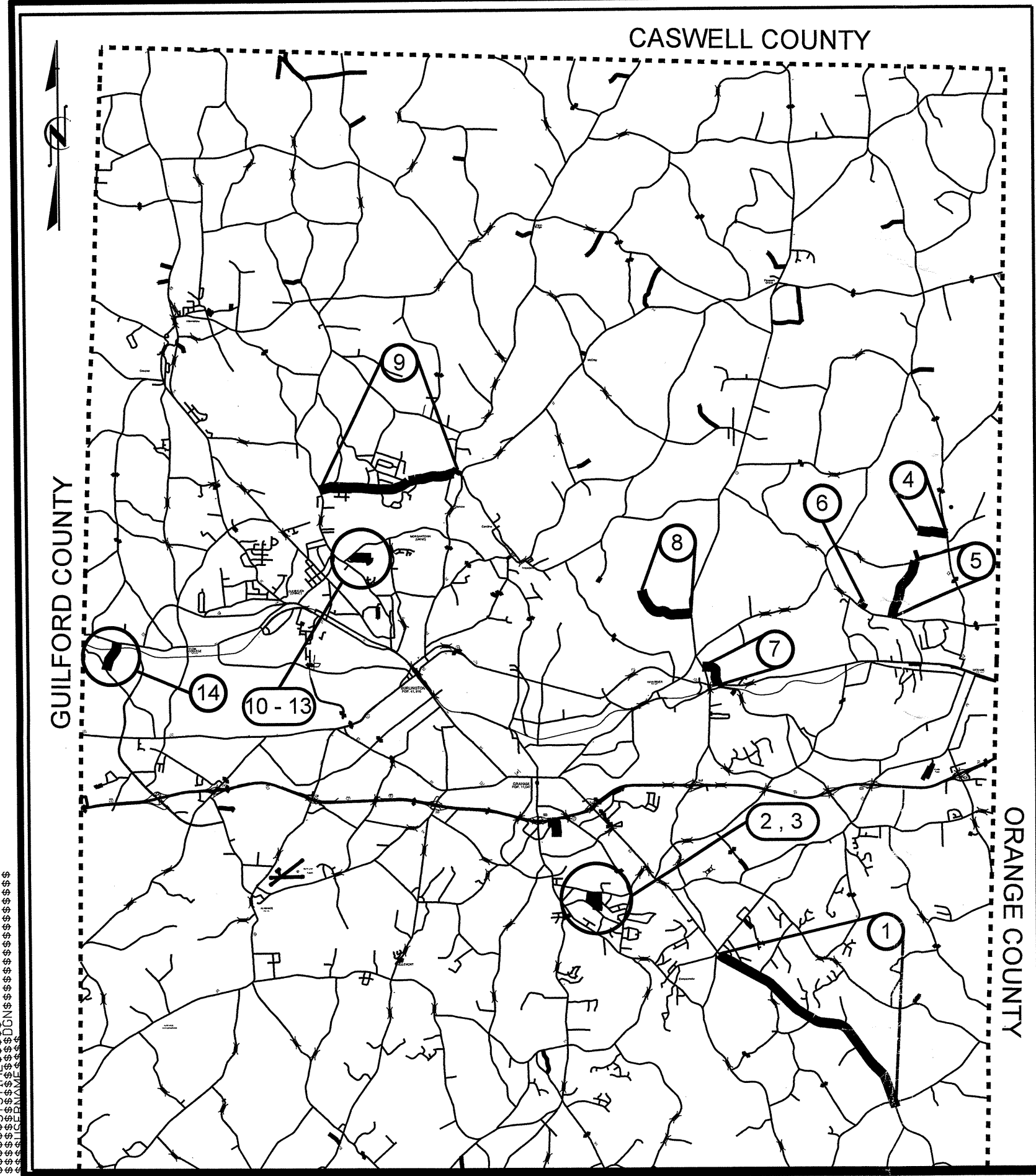
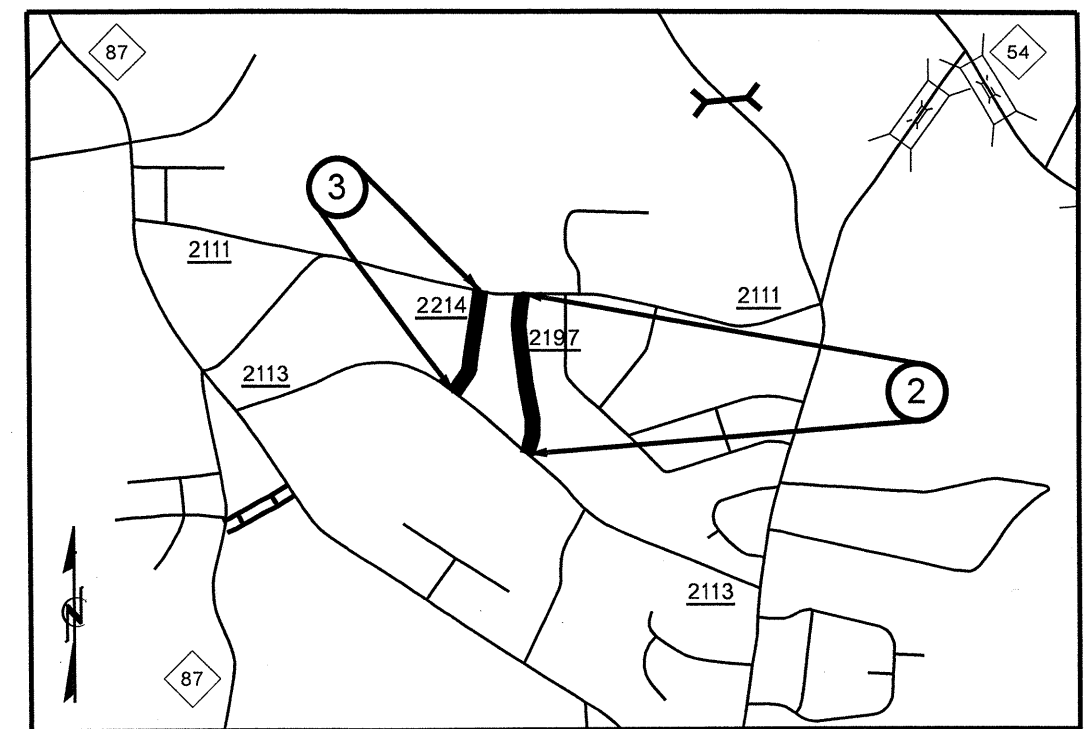
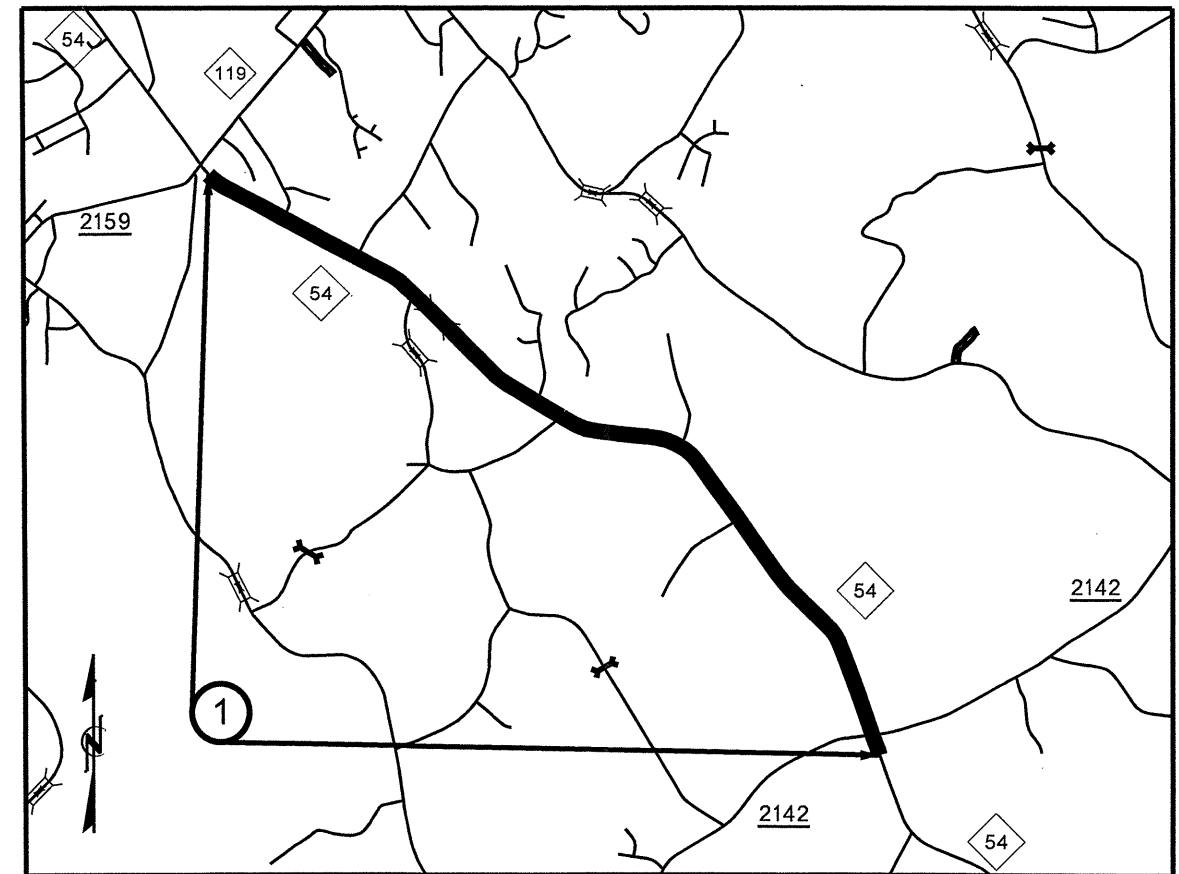


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10011.34, 7CR.20011.34	1	6
F.A. PROJ. NO.			

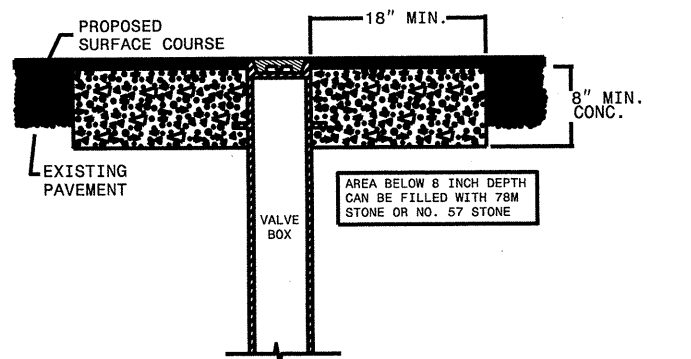
2012 ALAMANCE COUNTY



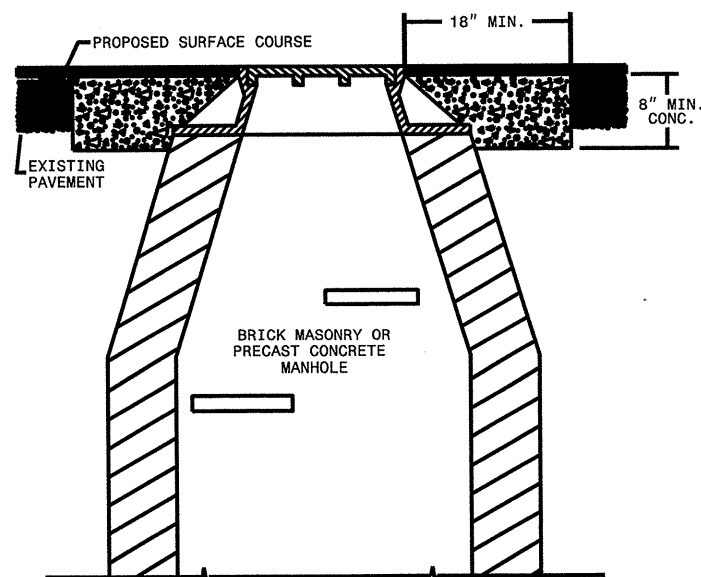
\$\$\$\$SYTIME\$\$\$\$
 \$\$\$DDGN\$\$\$\$
 \$\$\$USERNAME\$\$\$\$

STANDARD CONCRETE ENCASEMENT FOR MANHOLE & VALVE CASTINGS IN PAVEMENT
 DETAIL DRAWING NO. 858.01

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10011.34, 7CR.20011.34	4	6

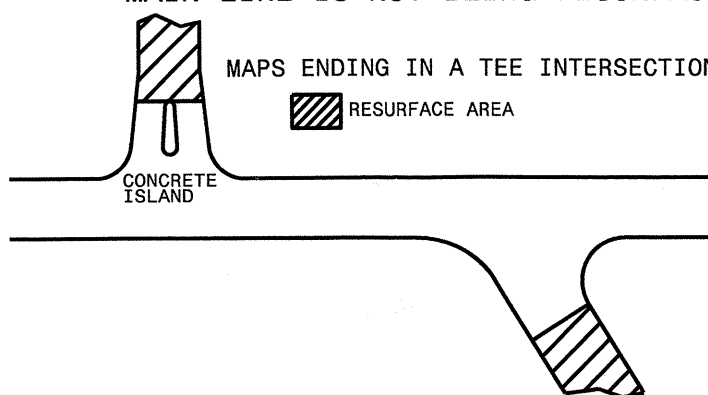


USE RAPID SET GROUT, MORTAR, OR CONCRETE
 CLASS B CONCRETE MAY BE USED WHEN ADJUSTMENTS
 ARE NOT IN THE TRAVEL LANE.



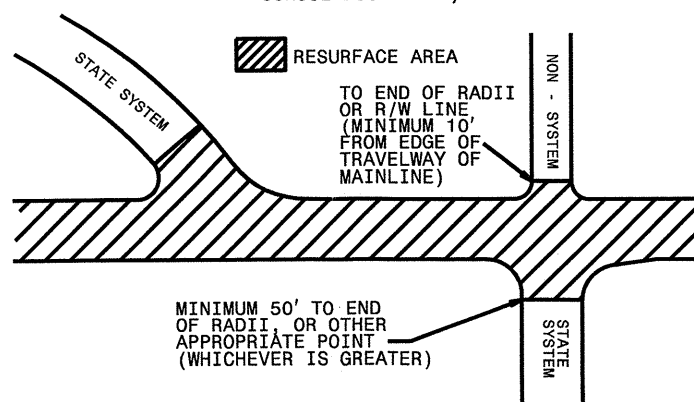
- NOTES:
- MORTAR SHALL BE MIXED TO NCDOT SPECIFICATIONS.
 - ALL FAULTY EXISTING BRICKWORK TO BE REMOVED AND REPLACED WITH NEW BRICK MASONRY.
 - EXCAVATION FOR THE ADJUSTMENT SHALL BE SHEER CUT ON ALL SIDES.
 - RAPID SET GROUT, MORTAR, OR CONCRETE SHALL BE USED

PAVING DETAIL 1
 MAIN LINE IS NOT BEING RESURFACED



PAVING DETAIL 2
 MAIN LINE IS BEING RESURFACED

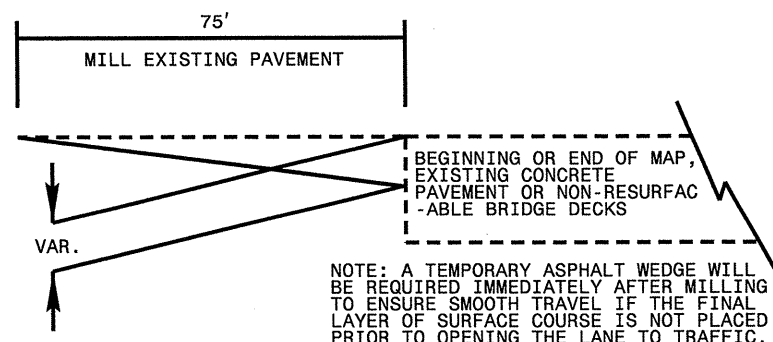
NOTE: NON-SYSTEM (CITY STREET, PRIVATE DRIVE, SCHOOL BUS DRIVE)



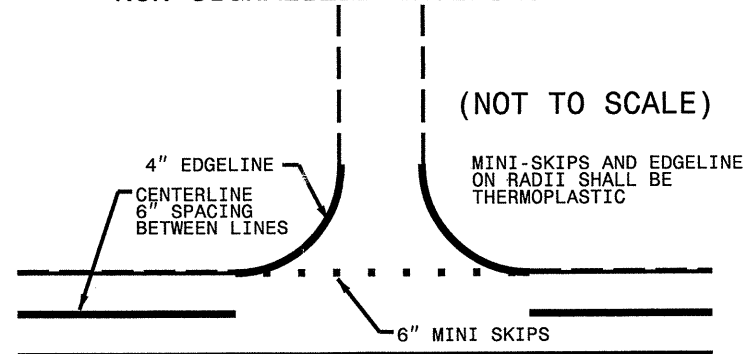
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 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.
F1	AST MAT COAT #67 STONE
F2	AST MAT COAT #78M STONE
U	EXISTING PAVEMENT.
R	EXISTING CURB AND GUTTER
T	INCIDENTAL STONE BASE IN LOW SHOULDER AREAS, AS DIRECTED BY THE ENGINEER
V	0" - 1¼" MILLING

INCIDENTAL MILLING DETAIL



TO BE USED AT ALL
 NON-SIGNALIZED INTERSECTIONS



NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

SYSTEMS
 DGN
 USERNAM
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PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10011.34, 7CR.20011.34	5	6

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	INCIDENTAL STONE BASE	MILLING ASPHALT PAVEMENT, 0 - 1 1/4" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE	GENERIC PAVING ITEM - [ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE]	ADJ. OF MANHOLES	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
						NO	MI	FT	TONS	SY	SY	TONS	TONS	SY	SY	EA	EA				
7CR.10011.34	Alamance	1	NC 54	FROM 600' EAST OF NC 119 - 8.15 TO 400' EAST OF SR 2142 (MOUNT WILLEN ROAD/SALEM CHURCH ROAD) - 12.32	1	NO	0.807	32	206		267	1,315	88		15,150						
					1	NO	0.022	44			107	7		568							
					1	NO	0.041	32-44			76	5		914							
					1	NO	0.191	32			297	20		3,586							
					1	NO	0.049	32-44			90	6		1,092							
					1	NO	0.025	44			73	5		645							
					1	NO	0.12	32			187	13		2,253							
					BRIDGE #70				1	NO	0.028	44			60	4		723			
									1	NO	0.625	32			992	66		11,733			
									1	NO	0.062	32-44			114	8		1,382			
									1	NO	0.028	44			120	8		723			
									1	NO	2.027	32			3,192	214		38,054			
									1	NO	0.032	32-44			59	4		713			
									1	NO	0.048	44			223	15		1,239			
									1	NO	0.062	32-44			317	8		1,382			
					TOTAL FOR MAP NO. 1							4.167		206		584	471		80,157		
					TOTAL FOR PROJ NO. 7CR.10011.34							4.167		206		584	471		80,157		
					7CR.20011.34	Alamance			SR 2197 (ALCO STREET)	2	NO	0.153	26	13	1,257		161	11	1,710		4
3	NO	0.009	20-26								8	1	121								
3	NO	0.132	20								107	7	1,549		1						
TOTAL FOR MAP NO. 2											0.294		13	1,257		276	19	3,380		5	
3	NO	0.188	20	10							152	10	2,206								
TOTAL FOR MAP NO. 3											0.188		10		152	10	2,206				
4	NO	0.494	18	62							361	24	5,217								
TOTAL FOR MAP NO. 4											0.494		62		361	24	5,217				
5	SR 1920 (COOKS MILL ROAD)	1	NO	0.625						20	101		609	41		7,333					
		1	NO	0.027						20-24		183	29	2	349						
		BRIDGE #62								1	NO	0.016	24								
		1	NO	0.022						20-24		183	24	2	284						
TOTAL FOR MAP NO. 5											1.023		101	366	986	67	11,873				
6	NO	0.104	24	3							121	8	1,464								
TOTAL FOR MAP NO. 6											0.104		3		121	8	1,464				
7	SR 1742 (PINE STREET)	3	NO	0.463						20	50		415	28	5,433	3					
		3	NO	0.003						20-22			3		37						
		3	NO	0.026						22			23	2	336						
TOTAL FOR MAP NO. 7											0.492		50		441	30	5,806		3		
8	NO	1.132	18	116							827	55	11,954								
TOTAL FOR MAP NO. 8											1.132		116		827	55	11,954		1		
9	SR 1597 (GREENWOOD DRIVE)	1	NO	0.015						20-40	245		22	1	264						
		1	NO	2.298						20		2,478	166	26,963							
		1	NO	0.027						20-24		29	2	349							
		1	NO	0.025						24-27		149	10	381							
		1	NO	0.027						27		35	2	428							
		1	NO	0.027						27-38		43	3	523							
TOTAL FOR MAP NO. 9											2.419		245		2,756	184	28,908				
10	NO	0.328	30			333	22	5,773		6	6										
TOTAL FOR MAP NO. 10							0.328				333	22	5,773		6						
11	NO	0.062	26			70	5	946		1	2										
TOTAL FOR MAP NO. 11							0.062				70	5	946		1						
12	NO	0.063	26			71	5	961		1	1										
TOTAL FOR MAP NO. 12							0.063				71	5	961		1						
13	NO	0.091	26			82	5	1,388		2	1										
TOTAL FOR MAP NO. 13							0.091				82	5	1,388		1						
14	SR 1310 (HUFFINE STREET)	3	NO	0.009	19-21	49		7	106												
		3	NO	0.466	19		379	25	5,194												
TOTAL FOR MAP NO. 14							0.475		49		386	25	5,300								
TOTAL FOR PROJ NO. 7CR.20011.34							7.165		649	1,257	366	6,862	459	44,395	40,781	18	11				
GRAND TOTAL							11.332		855	1,257	950	13,881	930	44,395	120,938	18	11				

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10011.34, 7CR.20011.34	6	6

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4685000000-E	4686000000-E			4690000000-E	4705000000-E	4710000000-E	4721000000-E	4725000000-E	4810000000-E		4900000000-N		4905000000-N		
							4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	6" X 120 M WHITE THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG RXR 120 M EA	THERMO RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA	SNOWPLOWA BLE PAVEMENT MARKERS EA			
7CR.10011.34	Alamance	1	NC 54	FROM 600' EAST OF NC 119 - 8.15 TO 400' EAST OF SR 2142 (MOUNT WILLEN ROAD/SALEM CHURCH ROAD) - 12.32	4.167	32-44	44,000	35,183		296				6						350		
TOTAL FOR PROJ NO. 7CR.10011.34					4.167		44,000	35,183		296				6						350		
							35,183															
7CR.20011.34	Alamance	2	SR 2197 (ALCO STREET)	FROM SR 2111 (CHEEKS LANE) - 0.00 TO SR 2113 (DIXON ROAD) - 0.29	0.294	20-26										3,120	3,120					
		3	SR 2214 (BETHANY DRIVE)	FROM SR 2111 (CHEEKS LANE) - 0.00 TO SR 2113 (DIXON ROAD) - 0.19	0.188	20											3,960	3,960				
		4	SR 2005 (LANDI LANE)	FROM NC 119 - 0.00 TO END OF PAVEMENT - 0.49	0.494	18																
		5	SR 1920 (COOKS MILL ROAD)	FROM SR 1917 (WHITE LEVEL ROAD) - 0.00 TO SR 1921 (MEBANE ROGERS ROAD) - 1.02	1.023	20-24											21,620	20,738	75	60		
		6	SR 1988 (EASTERN HIGH SCHOOL ROAD)	FROM SR 1921 (MEBANE ROGERS ROAD) - 0.00 TO END OF MAINTENANCE - 0.10	0.104	24	75				12						2,050	2,200				
		7	SR 1742 (PINE STREET)	FROM SR 1928 (WILKINS ROAD/TROLLINGWOOD ROAD) - 0.00 TO US 70 - 0.49	0.492	20-22	150				36						9,540	10,380				
		8	SR 1745 (ISLEY ROAD)	FROM NC 49 - 0.00 TO END OF PAVEMENT - 1.13	1.132	18											23,900	23,900				
		9	SR 1597 (GREENWOOD DRIVE)	FROM SR 1530 (BURCH BRIDGE ROAD) - 0.00 TO SR 1001 (UNION RIDGE ROAD) - 2.42	2.419	20-38	25,530	24,188	20	160									200			
		10	SR 1695 (S. RIDGE ROAD)	FROM SR 1545 (OLD GLENCOE ROAD) - 0.00 TO END OF PAVEMENT - 0.328	0.328	30																
		11	SR 1696 (OAK RIDGE COURT)	FROM SR 1695 (S. RIDGE RODA) - 0.00 TO CUL DE SAC - 0.062	0.062	26																
		12	SR 1697 (PINE RIDGE COURT)	FROM SR 1695 (S. RIDGE ROAD) - 0.00 TO CUL DE SAC - 0.063	0.063	26																
		13	SR 1698 (MAPLE RIDGE DRIVE)	FROM PAVEMENT CHANGE - 0.091 TO SR 1695 (S. RIDGE ROAD) - 0.00	0.091	26																
		14	SR 1310 (HUFFINE STREET)	FROM SR 1309 (WESTBROOK AVENUE) - 0.47 TO NC 100 - 0.00	0.475	19-21	150				36	100	68	4			9,720	10,020	50			
		TOTAL FOR PROJ NO. 7CR.20011.34					7.165		25,905	24,188	20	244	100	68	4	6	73,910	74,318	325	60		
							24,208			148,228		385										
GRAND TOTAL					11.332		69,905	59,371	20	540	100	68	4	6	73,910	74,318	325	60	350			
							59,391			148,228		385										