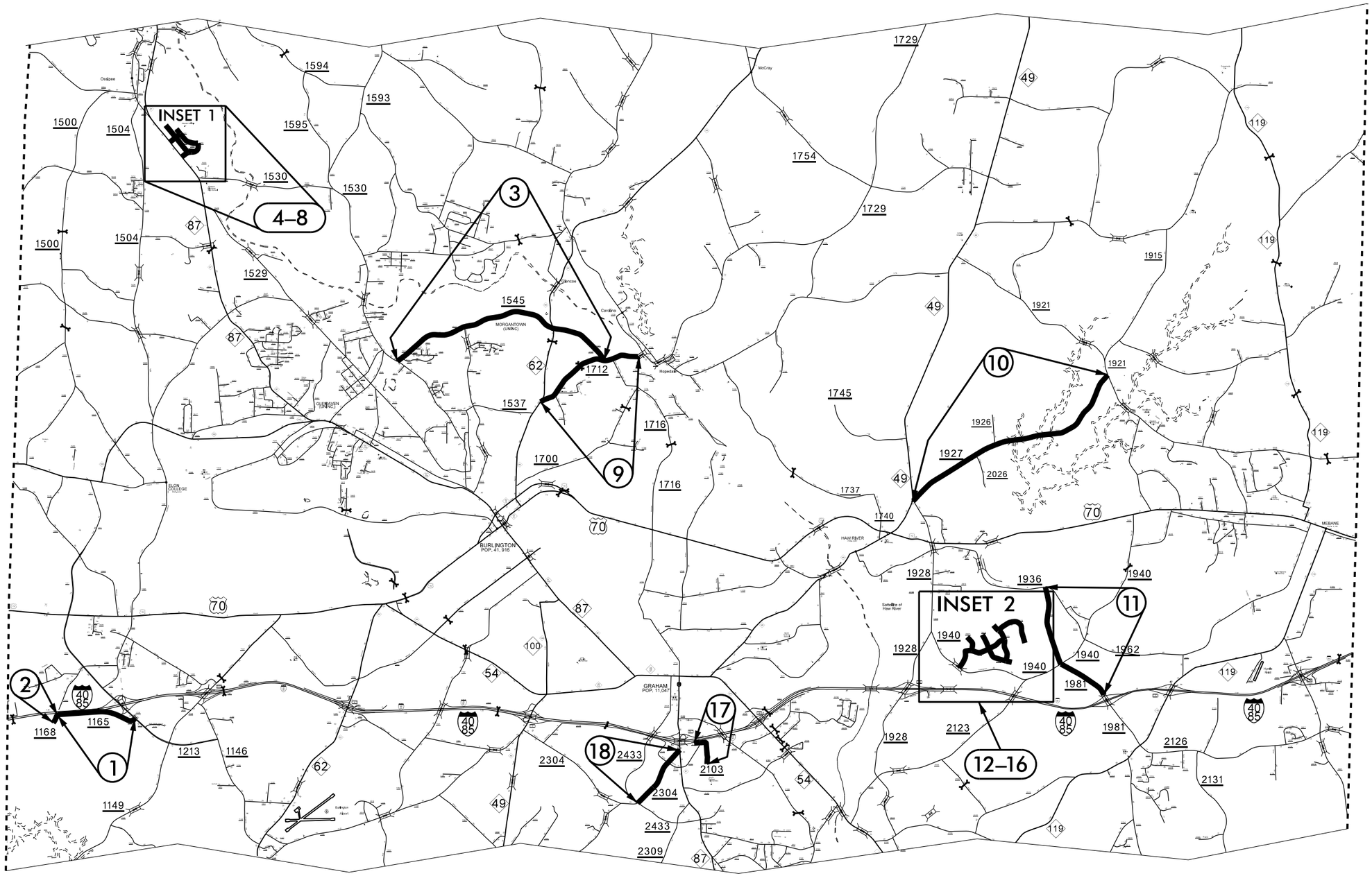
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.09.20011	1

ALAMANCE COUNTY



5/14/99

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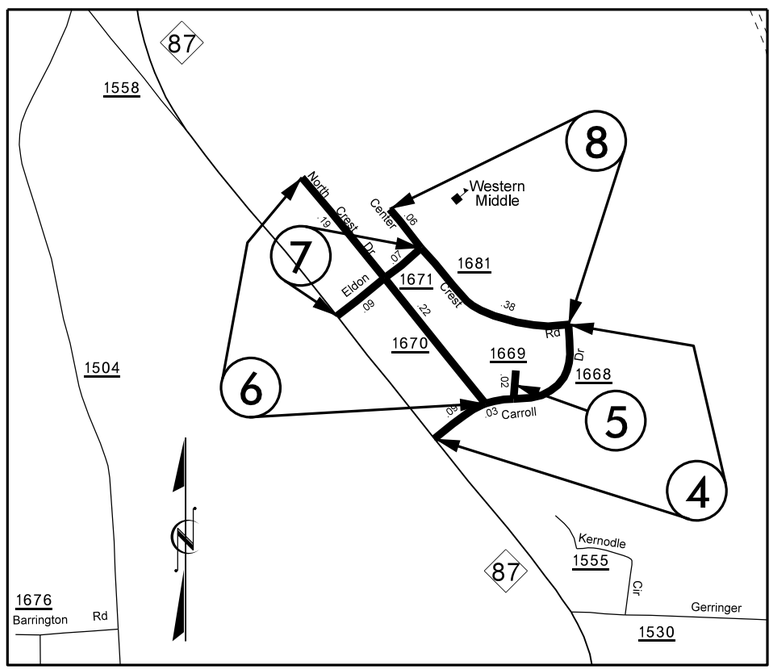
cthuskins ALP 07A00271374

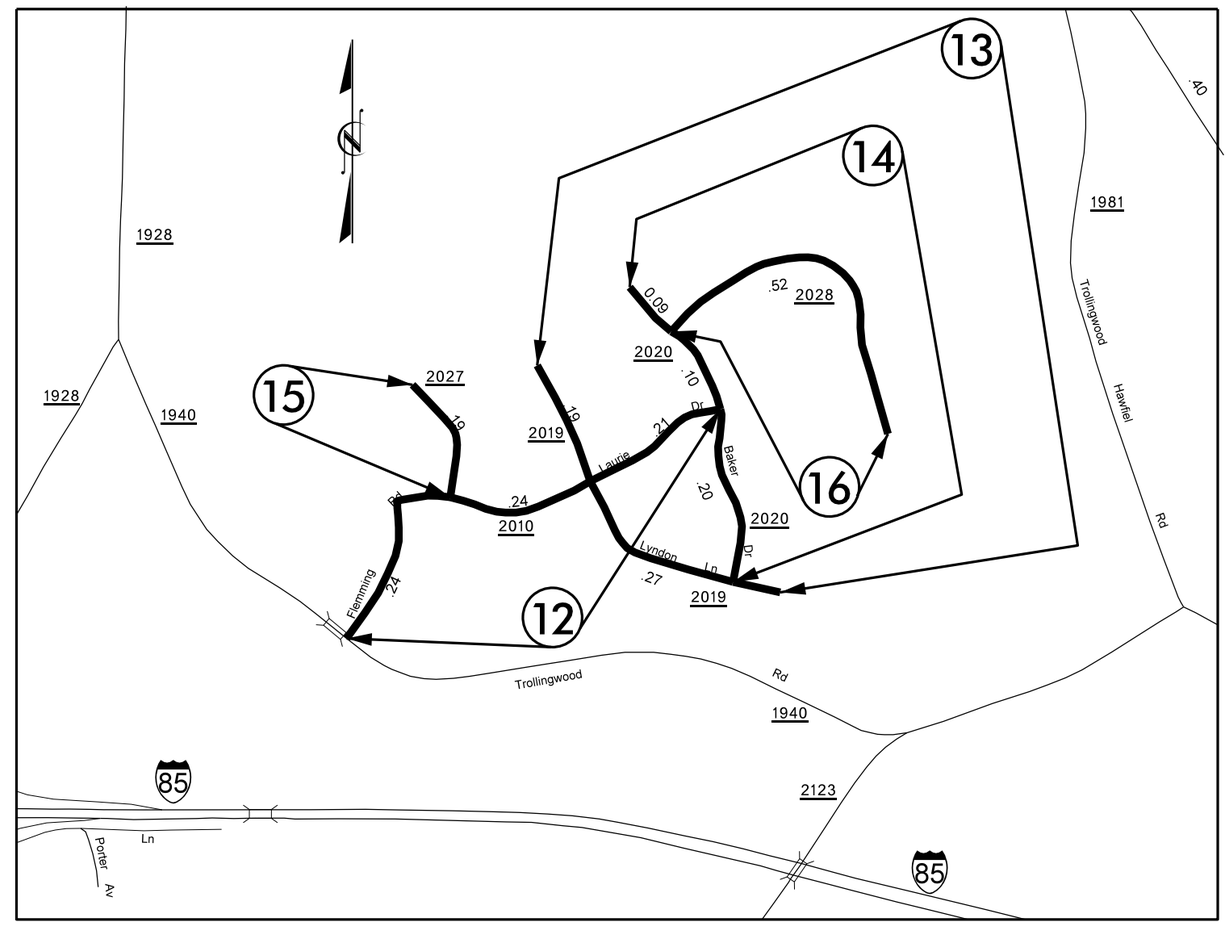
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.09.20011	2

ALAMANCE COUNTY

INSET 1



INSET 2



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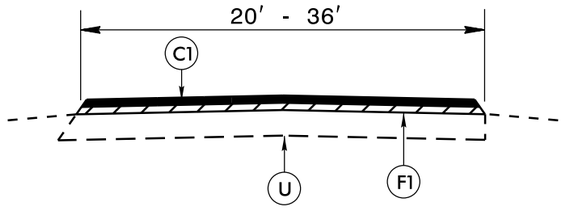
cthuskins AT DTMAD271374

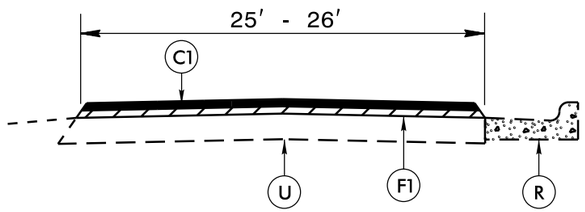
STATE	PROJECT NO.	SHEET NO.
N.C.	2017CPT.07.09.20011	3



TYPICAL SECTION NO. 1

TO BE USED ON MAPS 1, 3, 4-10, 17

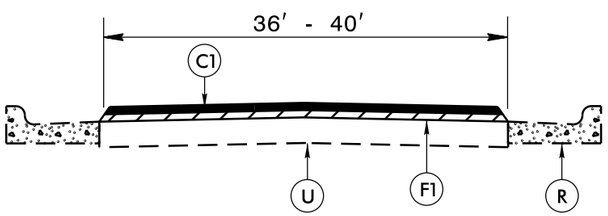
MAP 1: STA. 0+00 TO STA. 10+40
STA. 23+80 TO STA. 39+50



TYPICAL SECTION NO. 2

TO BE USED ON MAP 1

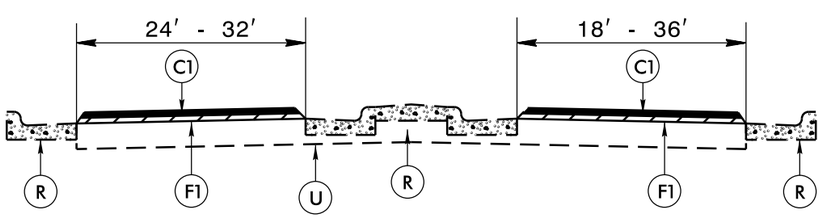
MAP 1: STA. 10+40 TO STA. 23+80



TYPICAL SECTION NO. 3

TO BE USED ON MAP 1

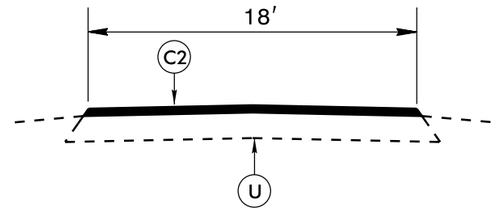
MAP 1: STA. 39+50 TO STA. 41+48



TYPICAL SECTION NO. 4

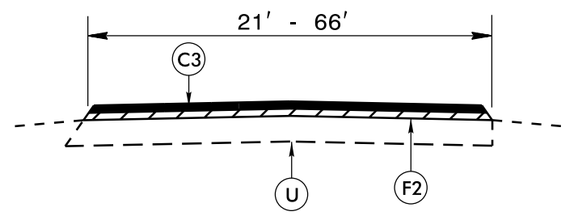
TO BE USED ON MAP 1

MAP 1: STA. 41+48 TO STA. 46+25



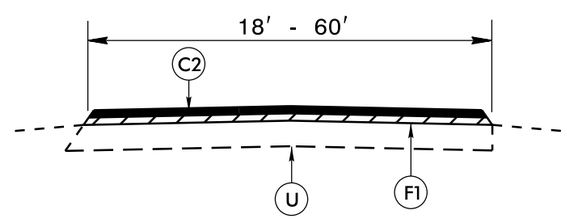
TYPICAL SECTION NO. 5

TO BE USED ON MAP 2



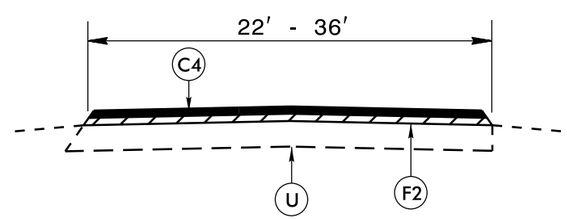
TYPICAL SECTION NO. 6

TO BE USED ON MAP 11



TYPICAL SECTION NO. 7

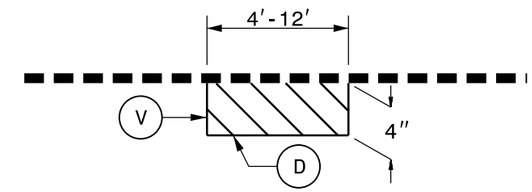
TO BE USED ON MAPS 12 - 16



TYPICAL SECTION NO. 8

TO BE USED ON MAP 18

PATCHING EXISTING PAVEMENT DETAIL 1



MILL EXISTING ASPHALT PAVEMENT 4″ IN DEPTH AND FILL WITH INTERMEDIATE COURSE, TYPE I19.0B 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. 1″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.		
C3	PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.		
C4	PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.		
D	PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.		
F1	AST MAT COAT, #78M STONE		
F2	AST MAT COAT, #67 STONE		
R	EXISTING CONCRETE STRUCTURE		
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.		
U	EXISTING PAVEMENT.	V	4″ MILLING

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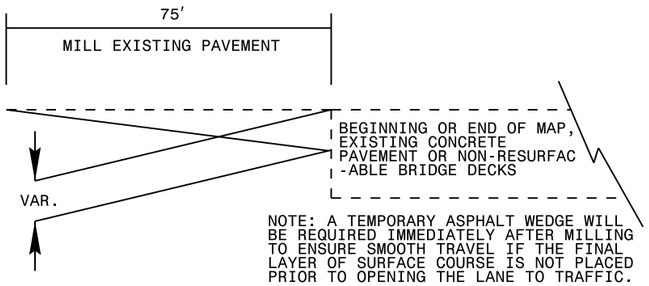
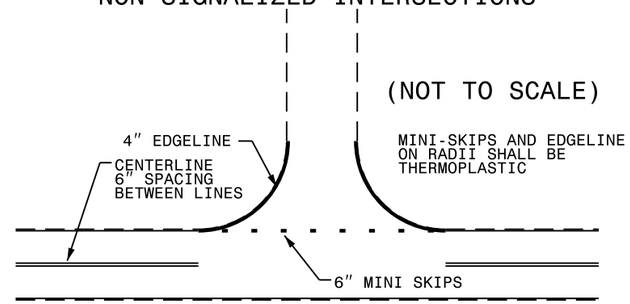
STATE	PROJECT NO.	SHEET NO.
N.C.	2017CPT.07.09.20011	4

INCIDENTAL MILLING DETAIL



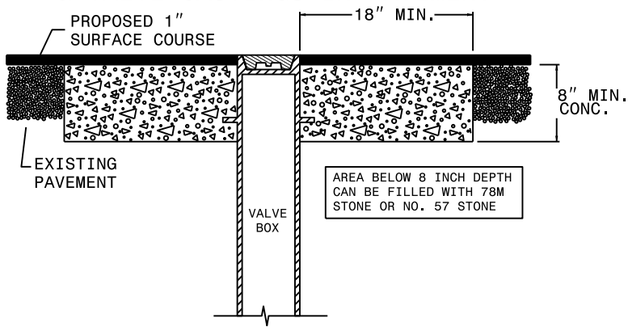
TO BE USED AT ALL NON-SIGNALIZED INTERSECTIONS

(NOT TO SCALE)

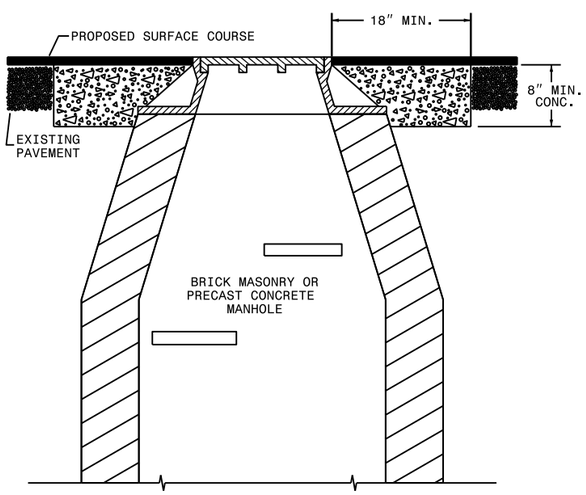


NOTE: MINI SKIPS SHALL BE PLACED ON A 8′ CYCLE, CONTAINING AN 6′ AND 2′ SKIP, THE WIDTH OF THE SKIP SHALL BE 6″.

STANDARD CONCRETE ENCASEMENT FOR MANHOLE & VALVE CASTINGS IN PAVEMENT



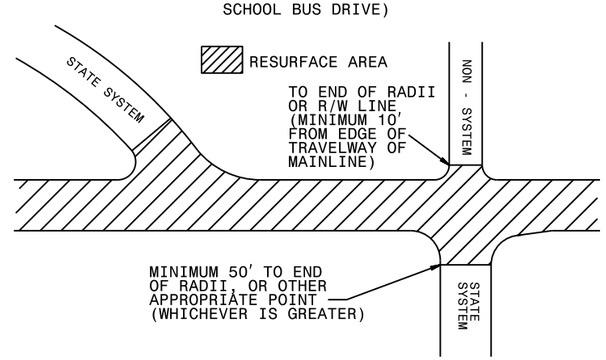
USE RAPID SET GROUT, MORTAR, OR CONCRETE AS NOTED IN PROJECT SPECIAL PROVISIONS. CLASS B CONCRETE MAY BE USED WHEN ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.



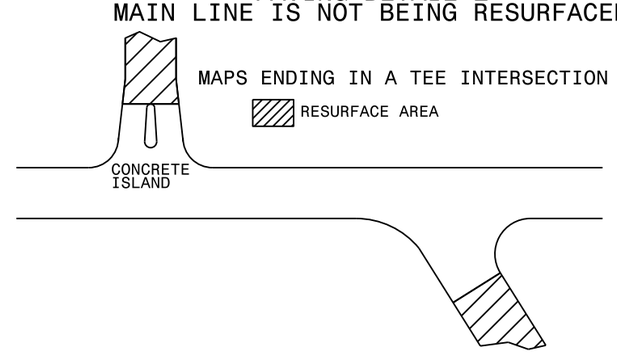
NOTES:
1. MORTAR SHALL BE MIXED TO NCDOT SPECIFICATIONS.
2. ALL FAULTY EXISTING BRICKWORK TO BE REMOVED AND REPLACED WITH NEW BRICK MASONRY.
3. EXCAVATION FOR THE ADJUSTMENT SHALL BE SHEER CUT ON ALL SIDES.
4. RAPID SET GROUT, MORTAR, OR CONCRETE SHALL BE USED

PAVING DETAIL 1
MAIN LINE IS BEING RESURFACED

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



PAVING DETAIL 2
MAIN LINE IS NOT BEING RESURFACED



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. 1″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.		
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C4	PROP. APPROX. 1½″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.		
D	PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.		
F1	AST MAT COAT, #78M STONE		
F2	AST MAT COAT, #67 STONE		
R	EXISTING CONCRETE STRUCTURE		
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.		
U	EXISTING PAVEMENT.	V	4″ MILLING

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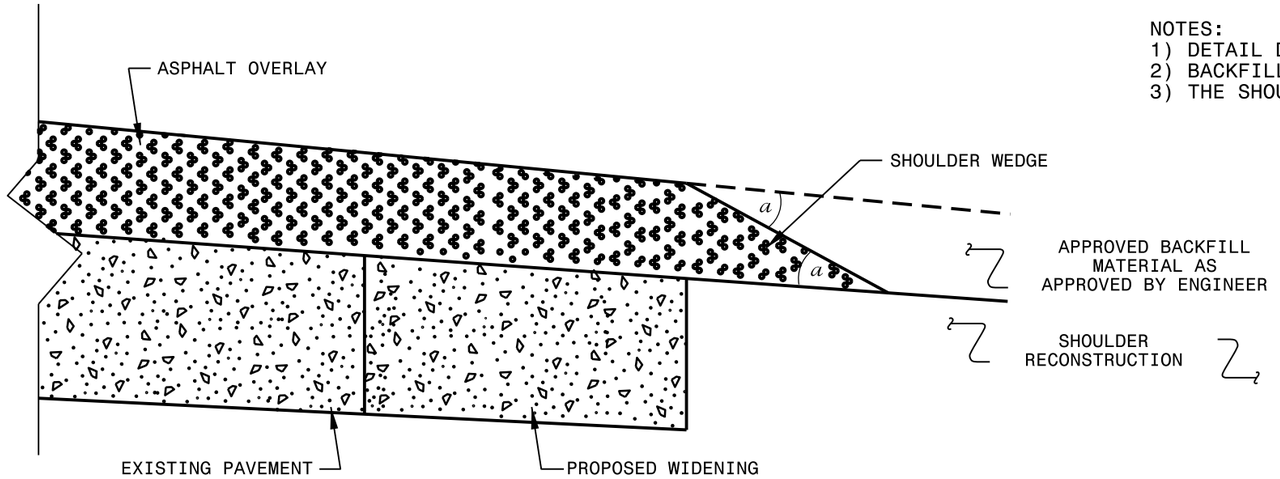
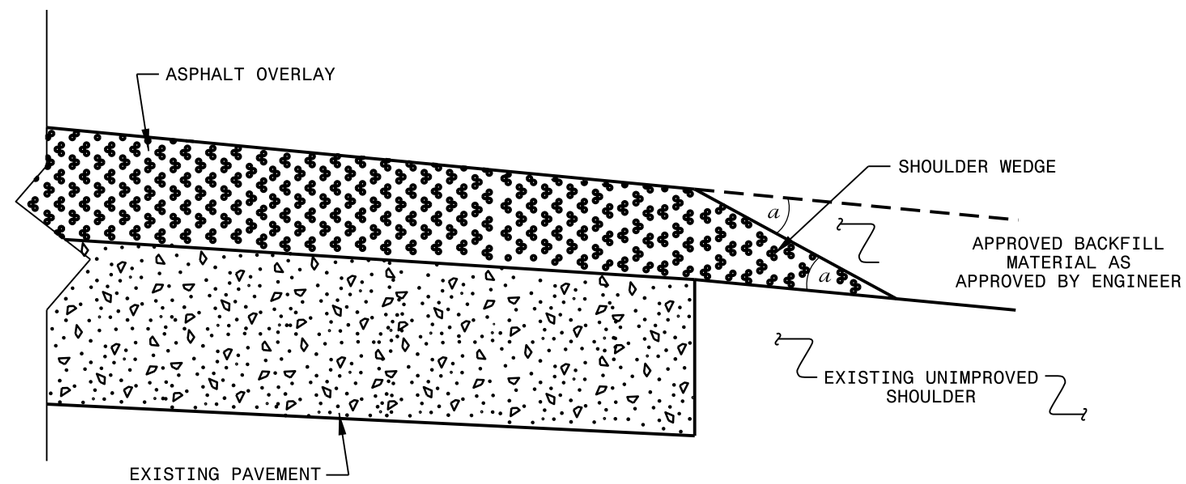
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.09.20011	5

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.



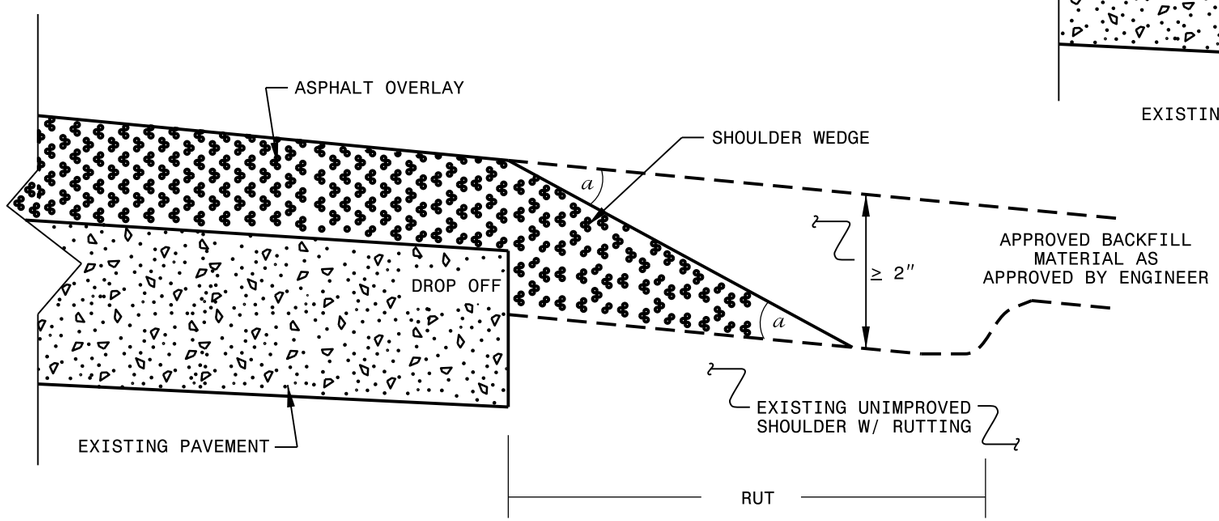
SHOULDER WEDGE DETAIL

(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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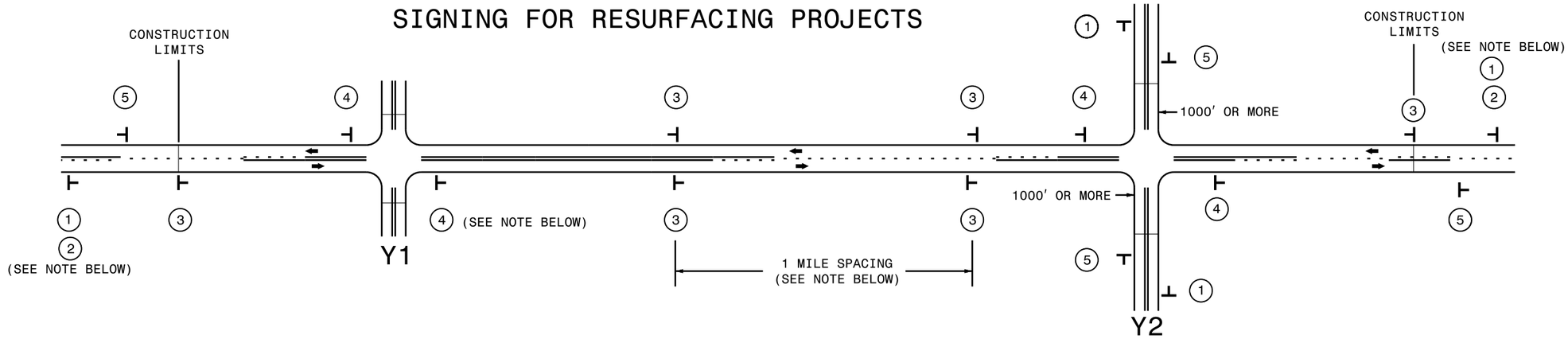
PROJ. REFERENCE NO.	SHEET NO.
2017CPT.07.09.20011	6

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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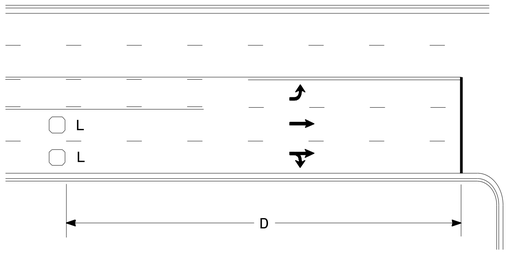
PROJECT REFERENCE NO.	SHEET NO.
2017CPT.07.09.20011	7

High Speed Detection
(≥40 mph)



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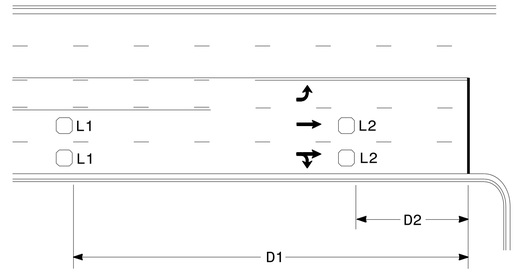


Speed Limit mph	D ft
40	250
45	300
50	355
55	420

L = 6ft X 6ft
Wired in series for TS1 Controllers
Wired separately for TS2, 170, and 2070L Controllers

Volume Density Operation

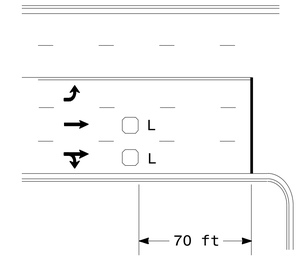
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110

L1 = 6ft X 6ft
Wired in series

L2 = 6ft X 6ft
Wired in series

"Stretch" Operation

Low Speed Detection
(≤35 mph)



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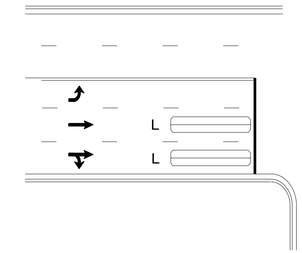
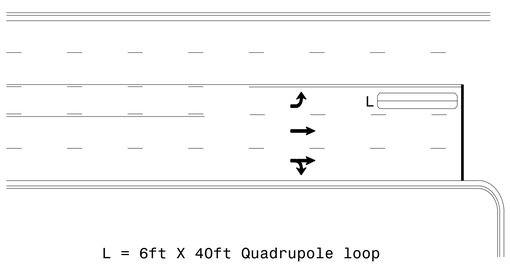


L = 6ft X 6ft
Wired in series

L = 6ft X 40ft
Quadrupole loop, wired separately

Left Turn Lane Detection



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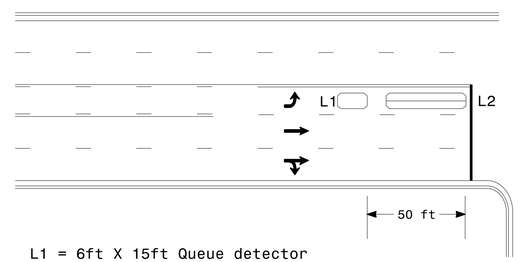


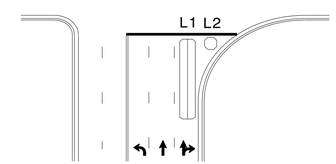
L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

L1 = 6ft X 15ft Queue detector
L2 = 6ft X 40ft Quadrupole loop

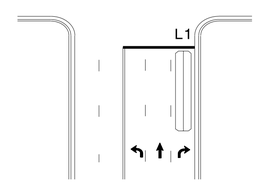
Queue Loop Detection

Right Turn Lane Detection

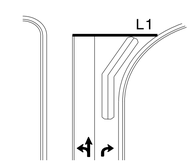


Shared Lane/
Wide Radius Turn

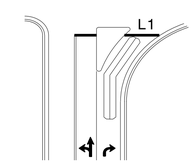
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

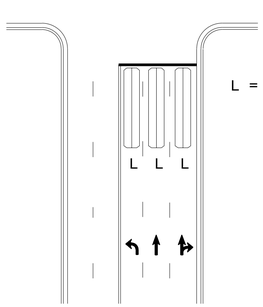


Wide Radius Turn



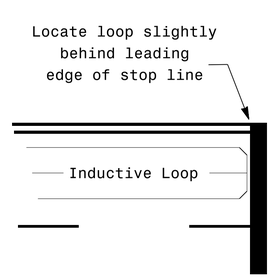
Channelized Turn

Side Street Detection



L = 6ft X 40ft
Quadrupole loop
Wired to separate detectors/channels

Presence Loop Placement at Stop Lines



Note:
Loop may be located in advance of stop line under any of the following conditions:
1) stop line is greater than 15′ from edge of intersecting roadway
2) loop detects a permissive or protected/permissive left turn
3) for an exclusive right turn lane

Recommended Number of Turns

Single 6′ X 6′ loop
(when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6′ X 15′ Loops:
Lead-in < 150′, use 2 turns
Lead-in > 150′, use 3 turns

Prepared in the Offices of:
Transportation Mobility and Safety Division
Signal Design Section
750 N.Greenfield Pkwy,Garner,NC 27529

Typical Signal Loop Locations

PLAN DATE: January 2015	REVIEWED BY: JPG
PREPARED BY: PLA	REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE
N/A

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 23489 ENGINEER PAMELA L. ALEXANDER

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P L Alexander
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DATE

SIG. INVENTORY NO.

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palexander

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.09.20011	8	9

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	INCIDENTAL STONE BASE TONS	MILLING ASPHALT PAVEMENT, 1-1/4"DEPTH SY	INCIDENTAL MILLING SY	ASPHALT CONC SURFACE COURSE, TYPE S9.5B 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	RETROFITTING EXISTING WHEELCHAIR RAMPS EA	ADJ. OF MANHOLES EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES EA	JUNCTION BOX (STANDARD SIZE) EA	INDUCTIVE LOOP SAW CUT LF
2017CPT.07.09.20011	Alamance	1	1 SR 1165 (DANBROOK ROAD)	CHARLIE INGLE RD. (SR 1168, MP 0.0) TO UNIVERSITY DR. (MP 0.93)	1	2	2WU	NO	NO	0.182	22	13				162	11	50	2,349	775					1	625
					2	2	2WU	NO	NO	0.015	25					15	1		220	73						
					2	2	2WU	NO	NO	0.254	26					267	18		3,874	1,279		4				
					1	2	2WU	NO	NO	0.225	28					255	17		3,696	1,220						
					1	2	2WU	NO	NO	0.046	32					60	4		864	285						
					1	2	2WU	NO	NO	0.026	36					38	3		549	181						
					3	3	2WU	NO	NO	0.028	44		723			90	6									
					4	4		NO	NO	0.029	48		817			56	4									
					4	5	MD	NO	NO	0.027	54		855			59	4									
					4	5	MD	NO	NO	0.034	60		1,197			82	6									
TOTAL FOR MAP NO. 1										**0.866**		**13**	**3,592**			**1,084**	**74**	**50**	**11,552**	**3,813**		**4**			**1**	**625**
2017CPT.07.09.20011	Alamance	2	SR 1168 (CHARLIE INGLE RD.)	DANBROOK RD. (SR 1165, MP 0.0) TO DE (MP 0.10)	5	2	2WU	NO	NO	0.1	18					58	4	50								
TOTAL FOR MAP NO. 2										**0.1**						**58**	**4**	**50**								
2017CPT.07.09.20011	Alamance	3	1 SR 1545 (OLD GLENCOE RD.)	BURCH BRIDGE RD. (SR 1530, MP 0.0) TO LOWER HOPEDALE RD. (SR 1712, MP 2.76)	1	2	2WU	NO	NO	1.909	22	125		1,225		1,782	119	1,500	24,639	8,131			2	1		
					1	2	2WU	NO	NO	0.603	21					573	38		7,429	2,452			1			
TOTAL FOR MAP NO. 3										**2.512**		**125**		**1,225**		**2,355**	**157**	**1,500**	**32,068**	**10,583**			**3**	**1**		
2017CPT.07.09.20011	Alamance	4	SR 1668 (CARROLL DR.)	NC 87 (MP 0.0) TO CENTER CREST DR. (SR 1681, MP 0.29)	1	2	2WU	NO	NO	0.277	22	25		175		287	19	50	3,575	1,180						
TOTAL FOR MAP NO. 4										**0.277**		**25**		**175**		**287**	**19**	**50**	**3,575**	**1,180**						
2017CPT.07.09.20011	Alamance	5	1 SR 1669 (CARROLL CT.)	CARROLL DR. (SR 1668, MP 0.0) TO CUL-DE-SAC (MP 0.03)	1	2	2WU	NO	NO	0.026	20	3				51	3	25	305	205						
TOTAL FOR MAP NO. 5										**0.026**		**3**				**51**	**3**	**25**	**305**	**205**						
2017CPT.07.09.20011	Alamance	6	1 SR 1670 (NORTH CREST DR.)	CARROLL DR. (SR 1668, MP 0.0) TO DE (MP 0.41)	1	2	2WU	NO	NO	0.213	20	33				173	12	100	2,499	825						
					1	2	2WU	NO	NO	0.17	20					138	9		1,995	658						
TOTAL FOR MAP NO. 6										**0.383**		**33**				**311**	**21**	**100**	**4,494**	**1,483**						
2017CPT.07.09.20011	Alamance	7	1 SR 1671 (ELDON ROAD)	NC 87 (MP 0.0) TO CENTER CREST DR. (SR 1681, MP 0.16)	1	2	2WU	NO	NO	0.018	24.5	5		175		18	1	100	259	85						
					1	2	2WU	NO	NO	0.12	22					147	10		1,549	511						
TOTAL FOR MAP NO. 7										**0.138**		**5**		**175**		**165**	**11**	**100**	**1,808**	**596**						
2017CPT.07.09.20011	Alamance	8	SR 1681 (CENTER CREST DR.)	CARROLL DR. (SR 1668, MP 0.0) TO EOM (MP 0.3)	1	2	2WU	NO	NO	0.386	20	23				333	22	100	4,529	1,495						
TOTAL FOR MAP NO. 8										**0.386**		**23**				**333**	**22**	**100**	**4,529**	**1,495**						
2017CPT.07.09.20011	Alamance	9	SR 1712 (LOWER HOPEDALE RD.)	N. GRAHAM HOPEDALE RD. (SR 1700, MP 0.07) TO NC 62 (MP 1.4)	1	2	2WU	NO	NO	1.313	22	213		350		1,271	85	1,200	16,946	5,592						
TOTAL FOR MAP NO. 9										**1.313**		**213**		**350**		**1,271**	**85**	**1,200**	**16,946**	**5,592**						
2017CPT.07.09.20011	Alamance	10	1 SR 1927 (BASON ROAD)	MEBANE ROGERS RD. (SR 1921, MP 0.0) TO NC 49 (MP 2.84)	1	2	2WU	NO	NO	1.155	20	113		175		997	67	2,500	13,552	4,472			1			
					1	2	2WU	NO	NO	0.024	22					21	1		310	102						
					1	2	2WU	NO	NO	0.189	24			175		184	12		2,661	878						
					1	2	2WU	NO	NO	0.03	26															
					1	2	2WU	NO	NO	0.136	24			175		132	9		1,915	632						
					1	2	2WU	NO	NO	0.038	22					34	2		490	162						
					1	2	2WU	NO	NO	0.131	20			175		106	7		1,537	507						
					1	2	2WU	NO	NO	0.038	22															
					1	2	2WU	NO	NO	1.049	20			350		851	57		12,308	4,062						
TOTAL FOR MAP NO. 10										**2.79**		**113**		**1,050**		**2,325**	**155**	**2,500**	**32,773**	**10,815**			**1**			
2017CPT.07.09.20011	Alamance	11	1 SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD)	STONE ST. EXT. (SR 1936, MP 0.0) TO END OF ISLAND NORTH OF I-40/85 WESTBOUND/SOUTHBOUND RAMPS (MP 1.54)	2	2	2WU	NO	NO	0.902	21	98		350	979		59			4,223	11,113					
					2	2	2WU	NO	NO	0.391	23			175	446		27			2,005	5,276					
					2	2	2WU	NO	NO	0.12	32.5				193		12			869	2,288		1			
					2	2	2WU	NO	NO	0.051	54				136		8			614	1,616					
					2	2	2WU	NO	NO	0.041	62			175	126		8			567	1,491					
TOTAL FOR MAP NO. 11										**1.505**		**98**		**700**	**1,880**		**114**			**8,278**	**21,784**		**1**			
2017CPT.07.09.20011	Alamance	12	SR 2010 (LAURIE DR./FLEMING ROAD)	TROLLINGWOOD RD. (SR 1940, MP 0.0) TO BAKER DR. (SR 2020, MP 0.7)	7	2	2WU	NO	NO	0.684	21	30		175		525	35	800	8,427	2,781						
TOTAL FOR MAP NO. 12										**0.684**		**30**		**175**		**525**	**35**	**800**	**8,427**	**2,781**						
2017CPT.07.09.20011	Alamance	13	1 SR 2019 (LYNDON LANE)	CUL-DE-SAC (MP 0.0) TO DE (MP 0.5)	7	2	2WU	NO	NO	0.168	20	63				158	11	200	2,076	1,065						
					7	2	2WU	NO	NO	0.34	20					316	21		3,989	1,316						
TOTAL FOR MAP NO. 13										**0.508**		**63**				**474**	**32**	**200**	**6,065**	**2,381**						
2017CPT.07.09.20011	Alamance	14	SR 2020 (BAKER DR.)	LYNDON LN. (SR 2019, MP 0.0) TO CUL-DE-SAC (MP 0.44)	7	2	2WU	NO	NO	0.44	22	38				384	26	500	6,106	2,438						
TOTAL FOR MAP NO. 14										**0.44**		**38**				**384**	**26**	**500**	**6,106**	**2,438**						
2017CPT.07.09.20011	Alamance	15	1 SR 2027 (PATTON CT.)	LAURIE DR./FLEMING RD. (SR 2010, MP 0.0) TO CUL-DE-SAC (MP 0.17)	7	2	2WU	NO	NO	0.17	18	23				129	9	100	2,222	1,156						
TOTAL FOR MAP NO. 15										**0.17**		**23**				**129**	**9**	**100**	**2,222**	**1,156**						
2017CPT.07.09.20011	Alamance	16	1 SR 2028 (BAKER CT.)	BAKER DR. (SR 2020, MP 0.0) TO CUL-DE-SAC (MP 0.52)	7	2	2WU	NO	NO	0.506	22	50				391	26	200	6,958	2,719						
TOTAL FOR MAP NO. 16										**0.506**		**50**				**391**	**26**	**200**	**6,958**	**2,719**						
2017CPT.07.09.20011	Alamance	17	1 SR 2103 (PRISON CAMP ROAD)	DEAD END (MP 0.0) TO NCDOT GATE (MP 0.25)	1	2	2WU	NO	NO	0.133	28			175		151	10	300	2,185	721						
					1	2	2WU	NO	NO	0.02	24					19	1		282	93						
					1	2	2WU	NO	NO	0.02	20			175		16	1		235	77						
					1	2	2WU	NO	NO	0.052	20			175		42	3		610	201						
TOTAL FOR MAP NO. 17										**0.225**				**525**		**228**	**15**	**300**	**3,312**	**1,092**						
2017CPT.07.09.20011	Alamance	18	1 SR 2304 (HANFORD RD.)	MOORE ST. (SR 2433, MP 1.63) TO NC 87 (MP 2.42)	8	2	2WU	NO	NO	0.684	22	25		175		852	57	300		3,355	8,828			2		
					8	2	2WU	NO	NO	0.017	29					24	2			110	289					
					8	2	2WU	NO	NO	0.005	29					7				32	85					
					8	2	2WU	NO	NO	0.007	22			175		7	1			34	90					
TOTAL FOR MAP NO. 18										**0.713**		**25**		**350**		**890**	**60**	**300**		**3,531**	**9,292**			**2**		
TOTAL FOR PROJ NO. 2017CPT.07.09.20011										**13.542**		**880**	**3,592**	**4,725**	**1,880**	**11,261**	**868**	**8,075**	**141,140**	**60,138**	**31,076**	**4**	**5**	**3**	**1**	**625**
GRAND TOTAL										**13.542**		**880**	**3,592**	**4,725**	**1,880**	**11,261**	**868**	**8,075**	**141,140**	**60,138**	**31,076**	**4**	**5**	**3**	**1**	**625**

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.09.20011	9	9

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL LS	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	4" X 90 M YELLOW THERMO LF	4" X 90 M WHITE THERMO LF	4" X 120 M WHITE THERMO LF	6" X 90 M WHITE THERMO LF	6" X 120 M WHITE THERMO LF	8" X 90 M YELLOW THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG ONLY 120 M EA	THERMO MSG SCHOOL 120 M EA	THERMO MSG STOP 120 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR & LT ARROW 90 M EA	THERMO STR ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF
2017CPT.07.09.20011	Alamance	1	1 SR 1165 (DANBROOK ROAD)	CHARLIE INGLE RD. (SR 1168, MP 0.0) TO UNIVERSITY DR. (MP 0.93)	1	2	2WU	0.182	22	1	103	1,322		622			80		12			5	7	2	2	15,972	15,800
					2	2	2WU	0.015	25																		
					2	2	2WU	0.254	26																		
					1	2	2WU	0.225	28																		
					1	2	2WU	0.046	32																		
					1	2	2WU	0.026	36																		
					3	3	2WU	0.028	44																		
					4	4		0.029	48																		
					4	5	MD	0.027	54																		
					4	5	MD	0.034	60																		
TOTAL FOR MAP NO. 1								**0.866**		**1**	**103**	**1,322**		**622**			**80**		**12**			**5**	**7**	**2**	**2**	**15,972**	**15,800**
2017CPT.07.09.20011	Alamance	2	SR 1168 (CHARLIE INGLE RD.)	DANBROOK RD. (SR 1165, MP 0.0) TO DE (MP 0.10)	5	2	2WU	0.1	18		12																
TOTAL FOR MAP NO. 2								**0.1**			**12**																
2017CPT.07.09.20011	Alamance	3	1 SR 1545 (OLD GLENCOE RD.)	BURCH BRIDGE RD. (SR 1530, MP 0.0) TO LOWER HOPEDALE RD. (SR 1712, MP 2.76)	1	2	2WU	1.909	22		282		550			70										57,460	57,460
					1	2	2WU	0.603	21																		
TOTAL FOR MAP NO. 3								**2.512**			**282**		**550**			**70**										**57,460**	**57,460**
2017CPT.07.09.20011	Alamance	4	SR 1668 (CARROLL DR.)	NC 87 (MP 0.0) TO CENTER CREST DR. (SR 1681, MP 0.29)	1	2	2WU	0.277	22		32		220			22										5,840	5,840
TOTAL FOR MAP NO. 4								**0.277**			**32**		**220**			**22**										**5,840**	**5,840**
2017CPT.07.09.20011	Alamance	5	1 SR 1669 (CARROLL CT.)	CARROLL DR. (SR 1668, MP 0.0) TO CUL-DE-SAC (MP 0.03)	1	2	2WU	0.026	20		3																
TOTAL FOR MAP NO. 5								**0.026**			**3**																
2017CPT.07.09.20011	Alamance	6	1 SR 1670 (NORTH CREST DR.)	CARROLL DR. (SR 1668, MP 0.0) TO DE (MP 0.41)	1	2	2WU	0.213	20		44															4,500	4,500
					1	2	2WU	0.17	20																		
TOTAL FOR MAP NO. 6								**0.383**			**44**															**4,500**	**4,500**
2017CPT.07.09.20011	Alamance	7	1 SR 1671 (ELDON ROAD)	NC 87 (MP 0.0) TO CENTER CREST DR. (SR 1681, MP 0.16)	1	2	2WU	0.018	24.5				110			16		50		6						2,920	2,920
					1	2	2WU	0.12	22																		
TOTAL FOR MAP NO. 7								**0.138**					**110**			**16**		**50**		**6**						**2,920**	**2,920**
2017CPT.07.09.20011	Alamance	8	SR 1681 (CENTER CREST DR.)	CARROLL DR. (SR 1668, MP 0.0) TO EOM (MP 0.3)	1	2	2WU	0.386	20		44		110			48		50		6						8,160	8,160
TOTAL FOR MAP NO. 8								**0.386**			**44**		**110**			**48**		**50**		**6**						**8,160**	**8,160**
2017CPT.07.09.20011	Alamance	9	SR 1712 (LOWER HOPEDALE RD.)	N. GRAHAM HOPEDALE RD. (SR 1700, MP 0.07) TO NC 62 (MP 1.4)	1	2	2WU	1.313	22		148		550			100										27,720	27,720
TOTAL FOR MAP NO. 9								**1.313**			**148**		**550**			**100**										**27,720**	**27,720**
2017CPT.07.09.20011	Alamance	10	1 SR 1927 (BASON ROAD)	MEBANE ROGERS RD. (SR 1921, MP 0.0) TO NC 49 (MP 2.84)	1	2	2WU	1.155	20		191		330			88		12								58,920	58,920
					1	2	2WU	0.024	22																		
					1	2	2WU	0.189	24																		
					1	2	2WU	0.03	26																		
					1	2	2WU	0.136	24																		
					1	2	2WU	0.038	22																		
					1	2	2WU	0.131	20																		
					1	2	2WU	0.038	22																		
					1	2	2WU	1.049	20																		
TOTAL FOR MAP NO. 10								**2.79**			**191**		**330**			**88**		**12**								**58,920**	**58,920**
2017CPT.07.09.20011	Alamance	11	1 SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD)	STONE ST. EXT. (SR 1936, MP 0.0) TO END OF ISLAND NORTH OF I-40/85 WESTBOUND/SOUTHBOUND RAMPS (MP 1.54)	2	2	2WU	0.902	21		171	6,792	7,311			206	50	104			4	5	4		6	19,060	19,060
					2	2	2WU	0.391	23																		
					2	2	2WU	0.12	32.5																		
					2	2	2WU	0.051	54																		
					2	2	2WU	0.041	62																		
TOTAL FOR MAP NO. 11								**1.505**			**171**	**6,792**	**7,311**			**206**	**50**	**104**			**4**	**5**	**4**		**6**	**19,060**	**19,060**
2017CPT.07.09.20011	Alamance	12	SR 2010 (LAURIE DR./FLEMING ROAD)	TROLLINGWOOD RD. (SR 1940, MP 0.0) TO BAKER DR. (SR 2020, MP 0.7)	7	2	2WU	0.684	21		77																
TOTAL FOR MAP NO. 12								**0.684**			**77**																
2017CPT.07.09.20011	Alamance	13	1 SR 2019 (LYNDON LANE)	CUL-DE-SAC (MP 0.0) TO DE (MP 0.5)	7	2	2WU	0.168	20		58																
					7	2	2WU	0.34	20																		
TOTAL FOR MAP NO. 13								**0.508**			**58**																
2017CPT.07.09.20011	Alamance	14	SR 2020 (BAKER DR.)	LYNDON LN. (SR 2019, MP 0.0) TO CUL-DE-SAC (MP 0.44)	7	2	2WU	0.44	22		50																
TOTAL FOR MAP NO. 14								**0.44**			**50**																
2017CPT.07.09.20011	Alamance	15	1 SR 2027 (PATTON CT.)	LAURIE DR./FLEMING RD. (SR 2010, MP 0.0) TO CUL-DE-SAC (MP 0.17)	7	2	2WU	0.17	18		20																
TOTAL FOR MAP NO. 15								**0.17**			**20**																
2017CPT.07.09.20011	Alamance	16	1 SR 2028 (BAKER CT.)	BAKER DR. (SR 2020, MP 0.0) TO CUL-DE-SAC (MP 0.52)	7	2	2WU	0.506	22		57																
TOTAL FOR MAP NO. 16								**0.506**			**57**																
2017CPT.07.09.20011	Alamance	17	1 SR 2103 (PRISON CAMP ROAD)	DEAD END (MP 0.0) TO NCDOT GATE (MP 0.25)	1	2	2WU	0.133	28		27					54										3,640	3,640
					1	2	2WU	0.02	24																		
					1	2	2WU	0.02	20																		
					1	2	2WU	0.052	20																		
TOTAL FOR MAP NO. 17								**0.225**			**27**					**54**										**3,640**	**3,640**
2017CPT.07.09.20011	Alamance	18	1 SR 2304 (HANFORD RD.)	MOORE ST. (SR 2433, MP 1.63) TO NC 87 (MP 2.42)	8	2	2WU	0.684	22		81	6,840	6,840		501	44	575	109									
					8	2	2WU	0.017	29																		
					8	2	2WU	0.005	29																		
					8	2	2WU	0.007	22																		
TOTAL FOR MAP NO. 18								**0.713**			**81**	**6,840**	**6,840**		**501**	**44**	**575**	**109**									
TOTAL FOR PROJ NO. 2017CPT.07.09.20011								**13.542**		**1**	**1,400**	**14,954**	**16,021**	**622**	**501**	**648**	**705**	**325**	**12**	**12**	**4**	**10**	**11**	**2**	**8**	**204,192**	**204,020**
												30,975							**28**			**31**				**408,212**	
GRAND TOTAL								**13.542**		**1**	**1,400**	**14,954**	**16,021**	**622**	**501**	**648**	**705**	**325**	**12**	**12**	**4**	**10**	**11**	**2**	**8**	**204,192**	**204,020**
												30,975							**28**			**31**				**408,212**	