IP: W-5708I

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN CHATHAM AND LEE COUNTIES

LOCATION: VARIOUS

STATE PROJECT REPERENCE NO. SHEET TOTAL SHEET NO. PMP-1 8 STATE PROJ.NO. F.A.PROJ.NO. DESCRIPTION W-57081 44854.3.9 CONST

INDEX

SHEET NO.

DESCRIPTION

PMP-1

PAVEMENT MARKING PLAN TITLE AND SCHEDULE SHEET

PMP-2

PAVEMENT MARKING OVERVIEW MAP

PMP-3-6

PAVEMENT MARKING VACINITY MAP

TMP-1

TRAFFIC MANAGEMENT PLAN

SOQ-1

THERMOPLASTIC PM QUANTITIES

GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS AS FOLLOWS:

ROAD NAME MARKING MARKER

ALL THERMOPLASTIC

*SEE NOTE BELOW

- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- D) PRIOR TO PLACEMENT OF NEW PAVEMENT MARKINGS REMOVE EXISTING PAVEMENT MARKINGS BY ACCEPTABLE METHODS.
- E) ALL PAVEMENT MARKING REMOVAL WILL BE AT THE DISCRETION OF THE ENGINEER.
- * REPLACE MARKERS IF DAMAGED DURING PAVEMENT MARKING REMOVAL OR PAVEMENT MARKING INSTALLATION. THIS WORK SHALL BE INCIDENTAL TO PAVEMENT MARKING INSTALLATION.

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1150.01	FLAGGING DEVICES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES

PAVEMENT MARKING SCHEDULE

REMOVAL OF PAVEMENT MARKINGS LINES (4")

REMOVAL OF PAVEMENT MARKING LINES (8")

REMOVAL OF PAVEMENT MARKING LINES (24")

REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS

THERMO(4", 120 MILS) YELLOW

THERMO(4", 90 MILS) WHITE

THERMO(4", 120 MILS) WHITE

THERMO(12", 90 MILS) YELLOW

THERMO (24", 120 MILS) WHITE

THERMO PAVEMENT MARKING CHARACTER (120 MILS)

THERMO PAVEMENT MARKING SYMBOL (90 MILS)

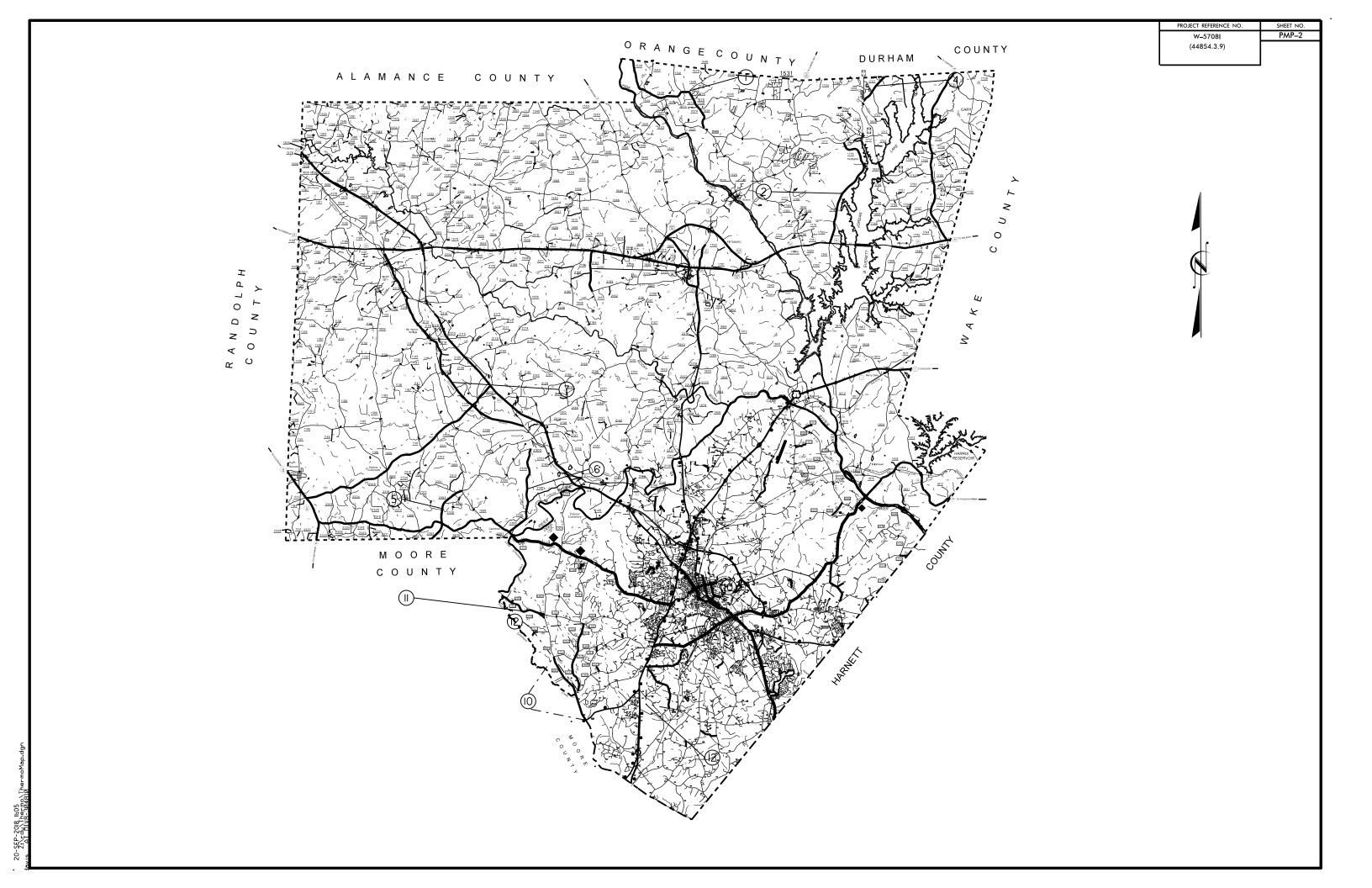
DIVISION DESIGN ENGINEER



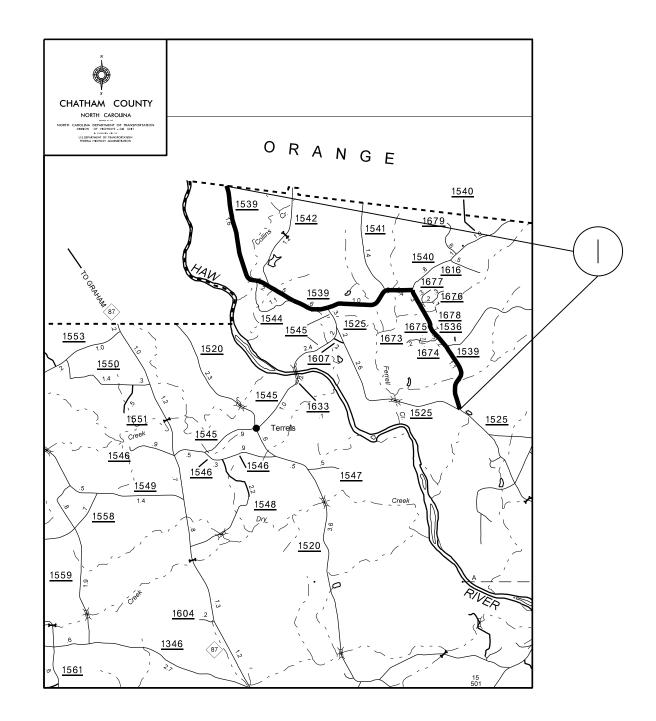
— DocuSigned by: Gref S. Davis

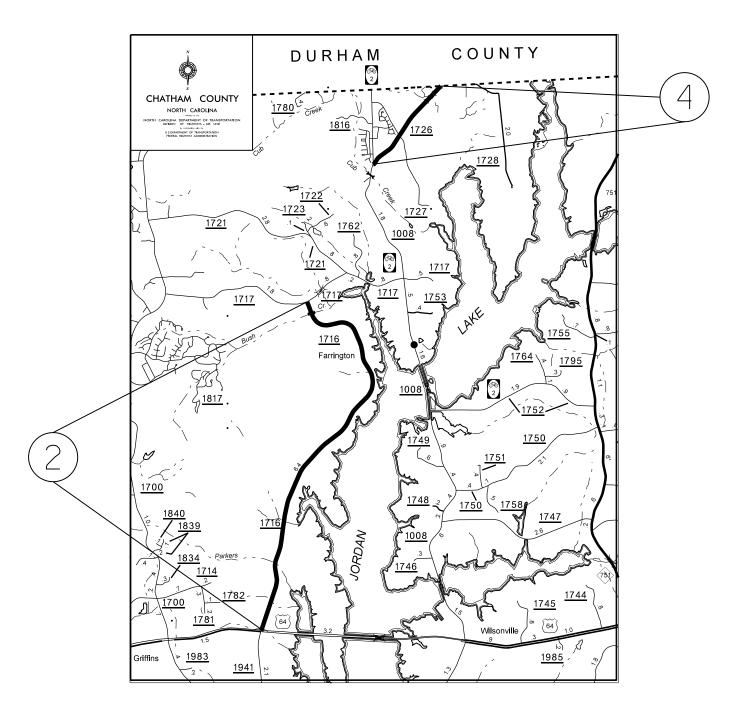
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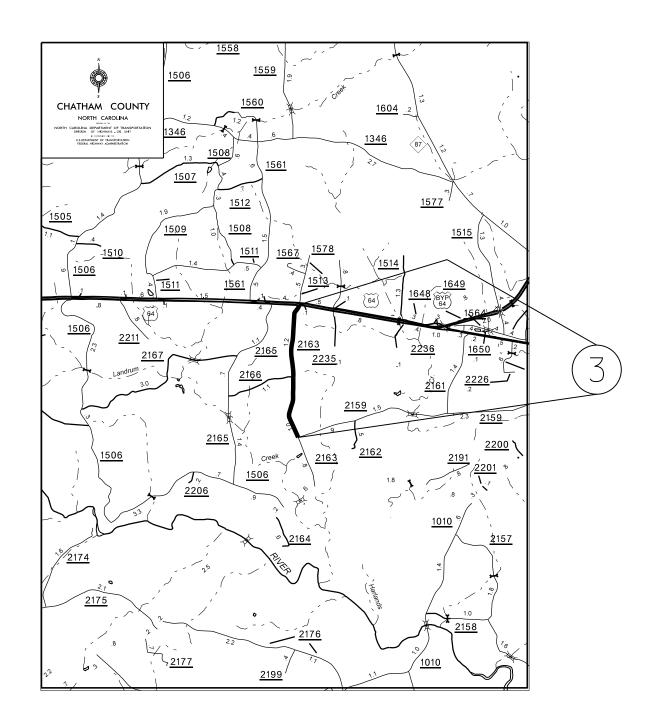


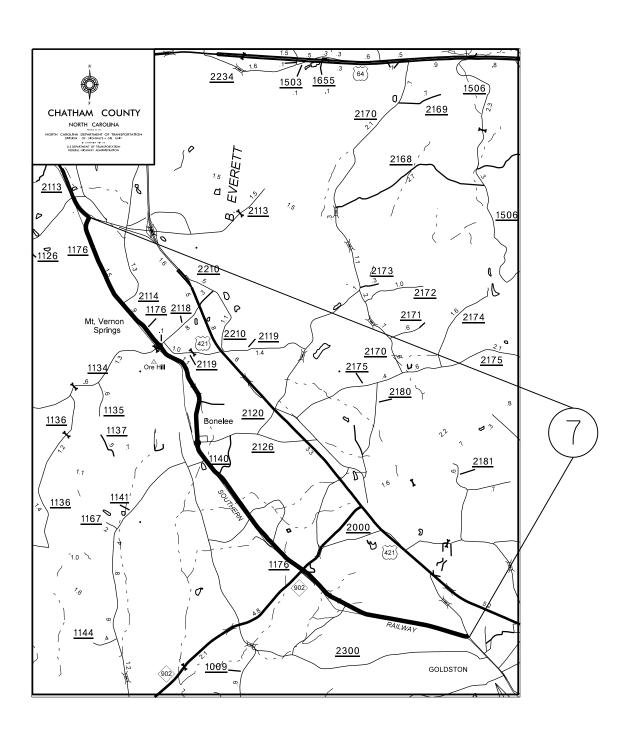
PROJECT REFERENCE NO.	SHEET NO.
W-5708I	PMP-3
(44854.3.9)	



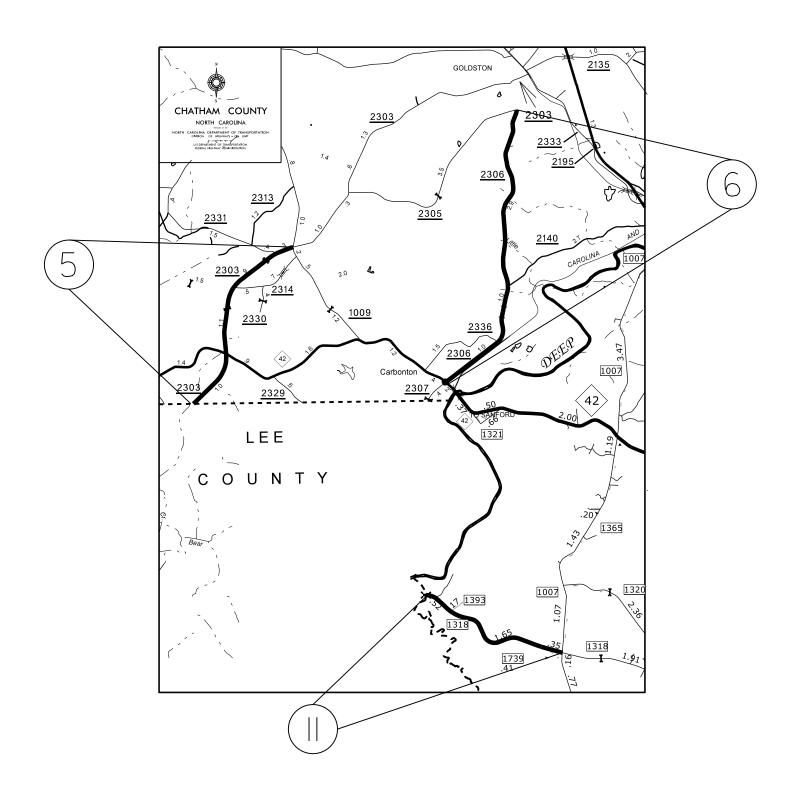


PROJECT REFERENCE NO.	SHEET NO.
W-5708I	PMP-4
(44854.3.9)	



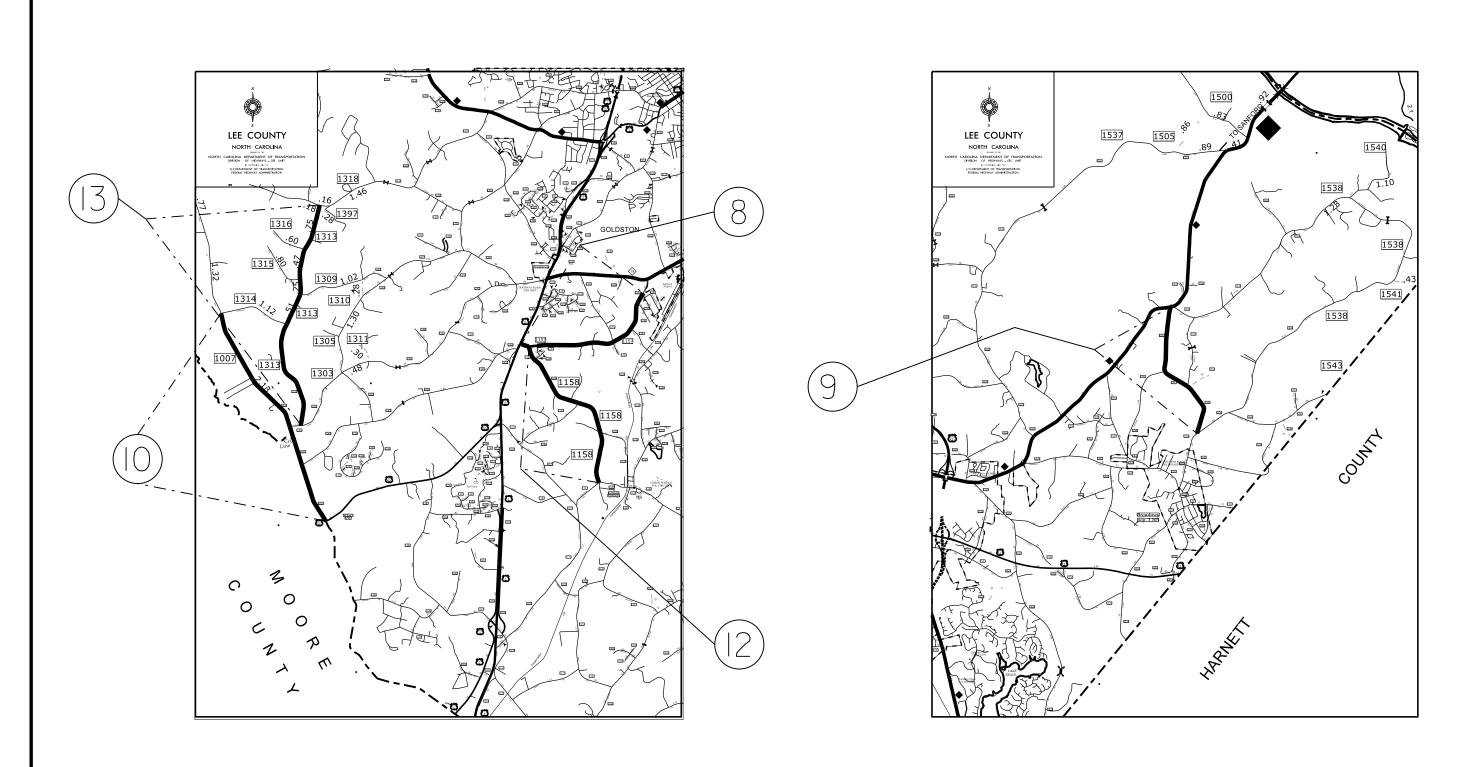


PROJECT REFERENCE NO.	SHEET NO.
W-5708I	PMP-5
(44854.3.9)	



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PROJECT REFERENCE NO.	SHEET NO.
W-5708I	PMP-6
(44854.3.9)	



PROJ. REFERENCE NO.	SHEET NO.
	TMP-1
W-5708I	

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES, AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME

DAY AND TIME RESTRICTION

ALL ROADS

MONDAY THRU FRIDAY
7:00 AM - 9:00 AM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

ALL ROADS

HOLIDAY

- 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 7:00 A.M. DECEMBER 31st TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY
 BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING
 TUESDAY AFTER THE WEEK OF CHRISTMAS.

MANAGEMENT STRATEGIES

 UTILIZING LANE CLOSURES, AND PLACE THERMO MARKINGS AS OUTLINED IN EACH MAP.

PHASING

STEP 1:

INSTALL WORK ZONE ADVANCE WARNING SIGNS IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DRAWING NO. 1101.01. WHEN NO WORK IS BEING CONDUCTED FOR A PERIOD LONGER THAN ONE WEEK, REMOVE OR COVER ALL ADVANCE WORK ZONE SIGNS, AS DIRECTED BY THE ENGINEER.

STEP 2:

USING NCDOT STANDARD DRAWING NO. 1101.02 (SHEET 1 OF 15), ON MAPS #1 THRU #13, BEGIN THERMO PAVEMENT MARKINGS AS OUTLINED FOR EACH MAP.

STEP 3:

REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPEN ALL MAPS TO FINAL TRAFFIC PATTERN AT THE COMPLETION OF EACH MAP.

APPROVED:

Gray S. Davis

DATE:

9/20/2018

SEAL

SEAL

26930

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



TRAFFIC MANAGEMENT PLAN

PROJECT NO.	SHEET NO.	TOTAL NO.
44854.3.9 (W-5708I)	SOQ-1	

SUMMARY OF QUANTITIES

										O IVI IVI A IX			15050		1						1.05000000			
			2017	D 50 40 107 14 1		Ieol.				4413000000-E		4685000000-E		00000-E		4710000000-E		00000-E	_	5000000-E		486000000-E		4875000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES L		LENGTH	WIDTH	WORK ZONE	TEMPORARY	4" X 90 M	4" X 120 M	4" X 120 M	12" X 90 M	24" X 120 M	THERMO	THERMO	THERMO R		4" LINE	8" LINE	24" LINE	REMOVAL OF
							TYPE			ADVANCE/GENERAL WARNING SIGNING	TRAFFIC CONTROL	WHITE THERMO	YELLOW THERMO	WHITE THERMO	YELLOW THERMO	WHITE THERMO	MSG STOP 120 M	MSG AHEAD 120 M	ARROW S	90 ARROW 90 M	REMOVAL	REMOVAL	REMOVAL	PAVEMENT MARKING SYMBOLS & CHARACTERS
							-	MI	FT	SF	LS	LF	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	LF	EA
				FROM SR (RIVER RD) TO ORANGE																				
44854.3.9 (W-5708I)		1	SR 1539 (CRAWFORD DAIRY RD)	COUNTY LINE		2		6.5	21			69,000	61,000	300										
		TOTAL FOR	MAP NO. 1					6.5				69,000	61,000	300										
				FROM US 64 TO SR 1717 (JACK																				
44854.3.9 (W-5708I)		2	SR 1716 (BIG WOODS RD)	BENNETT RD)		2		6.37	21		_	67,000	61,000	800	480	14			2	2	1			
		TOTAL FOR	MAP NO. 2					6.37			_	67,000	61,000	800	480	14			2	2	4			
44054 2 2 (144 57201)		_	CD 2452 (415) CO ((444) DD)	FROM US 64 TO SR 2159 (ALSTON				2.46	24			22.000	40.400	40		20								
44854.3.9 (W-5708I)	L	3	SR 2163 (ALEX COCKMAN RD)	CHAPEL RD)		2		2.16	21		-	23,000	18,100	40		28			+		1			
		I OTAL FOR	MAP NO. 3	EDOM CD 1009 (EARDINGTON DD)		 		2.16			-	23,000	18,100	40		28			-		1			
44854.3.9 (W-5708I)		4	SR 1726 (OLD FARRINGTON RD)	FROM SR 1008 (FARRINGTON RD) TO DURHAM COUNTY		2		1.63	21			17,400	16,300	320		32	1	1	1					
44654.5.9 (W-57061)		TOTAL FOR	MAP NO. 4	TO DORHAM COUNTY				1.63	21		-	17,400	16,300	320 320		32 32	1	1	1		1			
		I TAL FOR	WAF NO. 4	FROM MOORE CO. TO SR 1009				1.03				17,400	10,300	320		32	-	-	-		1			
44854.3.9 (W-5708I)		5	SR 2303 (GOLDSTON GLENDON RD)	(BONLEE CARBONTON RD)		2		3.21	21			34,100	23,200	100										
44034.3.3 (** 37001)		TOTAL FOR	MAP NO. 5	(BONZEE CARBONTON RD)				3.21				34,100	23,200	100							1			
		1		FROM NC 42 TO SR 2305 (ROBERTS				0.22				3.,100	20,200								1			
44854.3.9 (W-5708I)		6	SR 2306 (GOLDSTON CARBONTON RD)			2		4.84	21			51,400	40.100	48										
		TOTAL FOR	MAP NO. 6	,				4.84				51,400	40,100	48							Ī			
				FROM SR 2113 (S CHATHAM AVE)								, , , , , ,	,								i			
44854.3.9 (W-5708I)		7	SR 1176 (OLD US 421)	TO SR 2333 (MAIN ST)		2		9.75	21	3,920		103,000	84,000	460		160	2	2						
,	1	TOTAL FOR	MAP NO. 7	,				9.75		3,920		103,000	84,000	460		160	2	2			1			
44854.3.9 (W-5708I)		8	SR 1157 (HICKORY HOUSE RD)	FROM US1 TO NC 78		2		2.69	21			28,600	26,200	125	100					2				
	1	TOTAL FOR	MAP NO. 8					2.69				28,600	26,200	125	100					2				
				FROM SR 1538 (BUCKHORN RD) TO																				
44854.3.9 (W-5708I)		9	SR 1547 (SALEM CH RD)	NC 42		2		2.31	21			24,800	17,800	60										
		TOTAL FOR	MAP NO. 9					2.31				24,800	17,800	60										
				FROM SR 1314 (MCPHERSON RD)																				
44854.3.9 (W-5708I)		10	SR 1007 (PLANK RD)	TO US 15-501		2		3.74	21	2,016		39,900	21,200	75										
	Т	OTAL FOR	MAP NO. 10			1		3.74		2,016	4	39,900	21,200	75	1	ļ	ļ	ļ			4		1	
				FROM SR 1007 (PLANK RD) TO							1					1 .							1	
44854.3.9 (W-5708I)		11	SR 1318 (STEEL BRIDGE RD)	MOORE CO		2		2.51	21		4	26,500	24,000	20		16		 	-	_	4		1	
		OTAL FOR	MAP NO. 11			├		2.51			4	26,500	24,000	20		16	1	1	1	-	4		1	
				EDOM CD 4457 (WOVODY							1					1							1	
44054 2.0 ()4/ 57001)		12	CD 4450 (WILLET DC)	FROM SR 1157 (HICKORY HOUSE		,		2.74	24		1	20.000	25 200	20		1							1	
44854.3.9 (W-5708I)		12	SR 1158 (WILLET RD)	RD) TO SR 1144 (GREENWOOD RD)		2		2.71 2.71	21		4	28,900	25,300	80 80	+	 	-	+	+	+	1		1	
		UTAL FOR	MAP NO. 12	EDOM CD 1219 (CTEEL DDIDGE DD)		+		2./1			1	28,900	25,300	80		+		+	+	+	1		1	
44954 2 0 (\\ 5700)\		13	SR 1313 (BLACKSTONE RD)	FROM SR 1318 (STEEL BRIDGE RD)		2		3.674	10			38,800	32,760										1	
44854.3.9 (W-5708I)			MAP NO. 13	TO SR 1303 (CENTER CHURCH RD)			-+	3.674	10		*	38,800 38.800	32,760 32,760	 		+	1	+	+	+	*	*	*	*
-						 		52.094		5,936	1	552,400	450,960	2,428	580	250	3	3	3	4	2,000	500	50	10
•	OTAL FO	R PROJ NO.	44854.3.9 (W-5708I)			 	-+	32.034		3,330	 	332,400		3,388	300	230	,	6	+ -	7	2,000	300	- 30	10
				1						L	1	1	, 433	,,,,,,	1	1	ı	-	-1	•	1	1		1
								52.094		5,936	1	552,400	450,960	2,428	580	250	3	3	3	4	2,000	500	50	10
		GRAND	TOTAL							-,	<u> </u>	,		3.388	1		Ī	6	1 -	7		1	1	