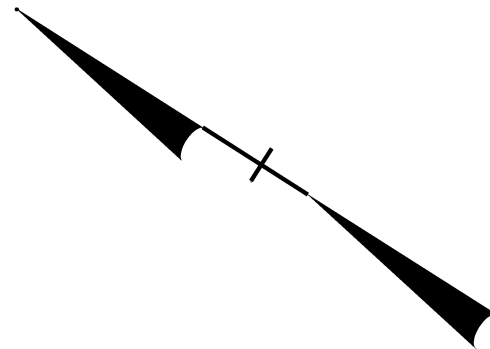
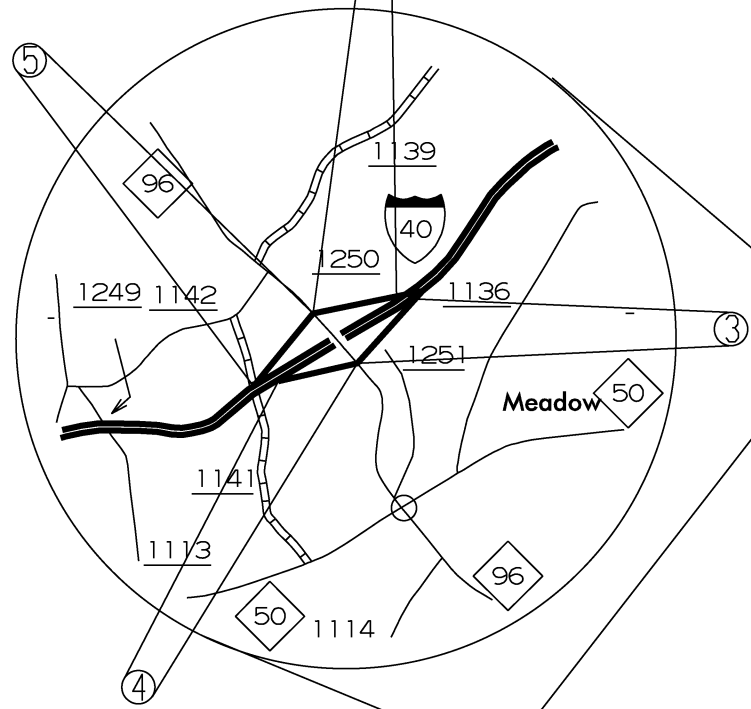
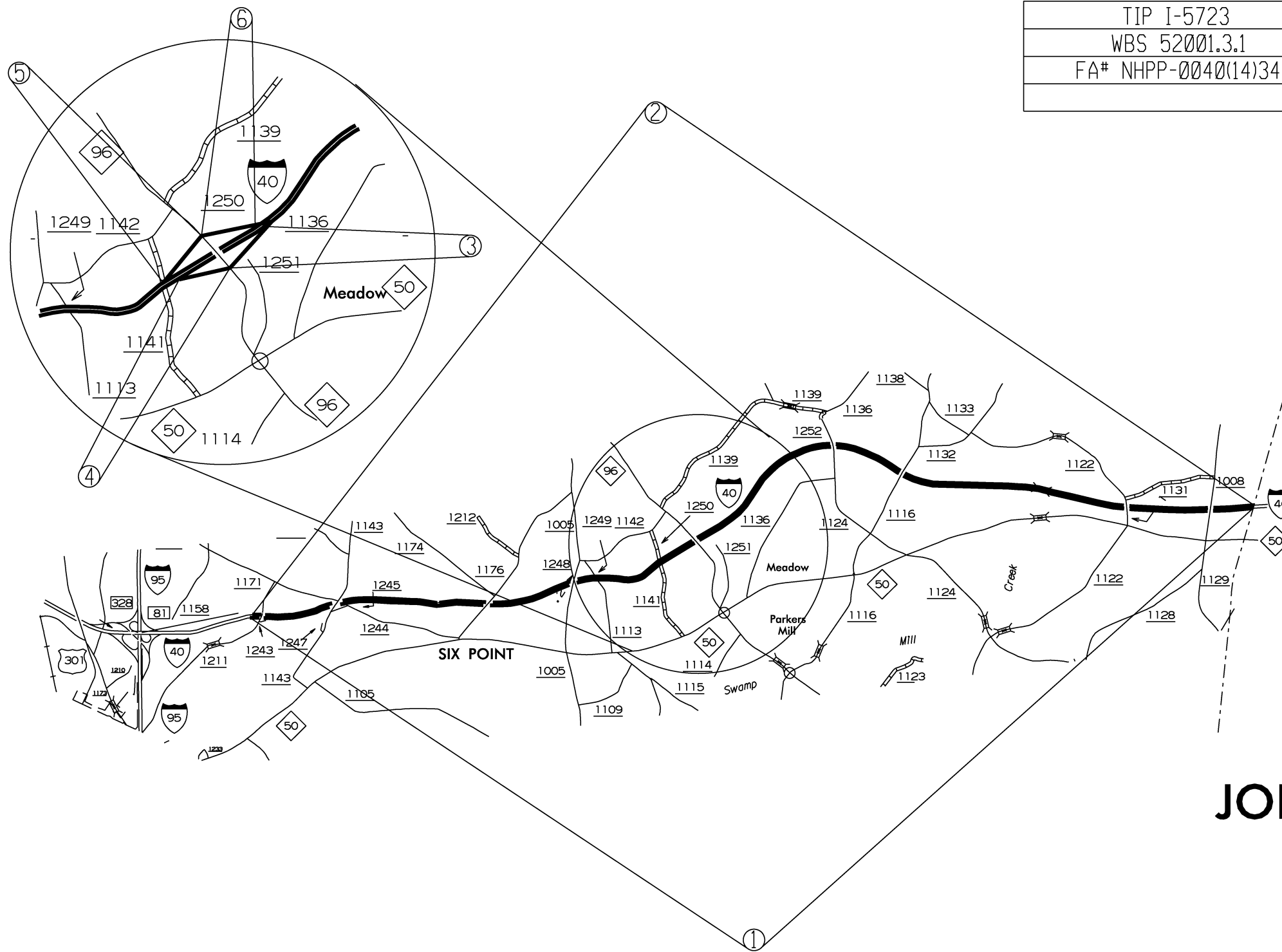


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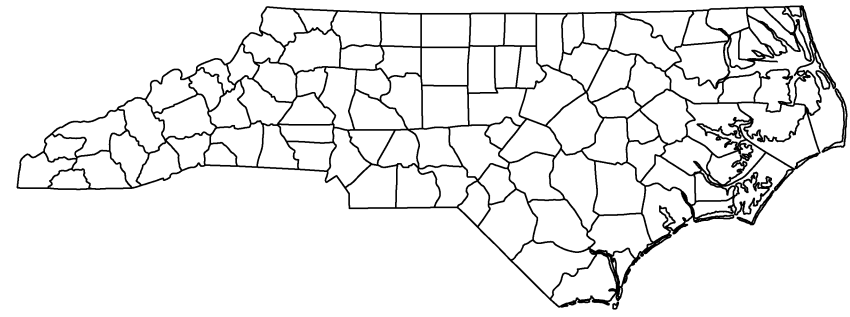
**This file or an individual page
shall not be considered a certified document.**

TIP I-5723	SHEET NO.	TOTAL SHEETS
WBS 52001.3.1	1	
FA# NHPP-0040(14)340	DESCRIPTION	

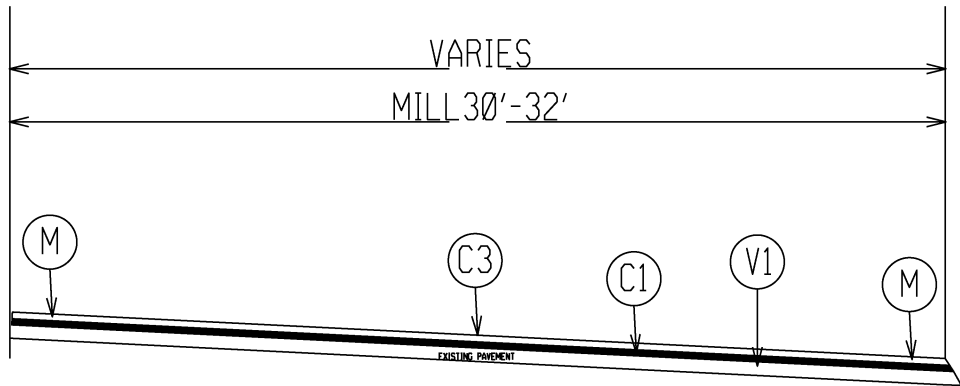


SAMPSON COUNTY

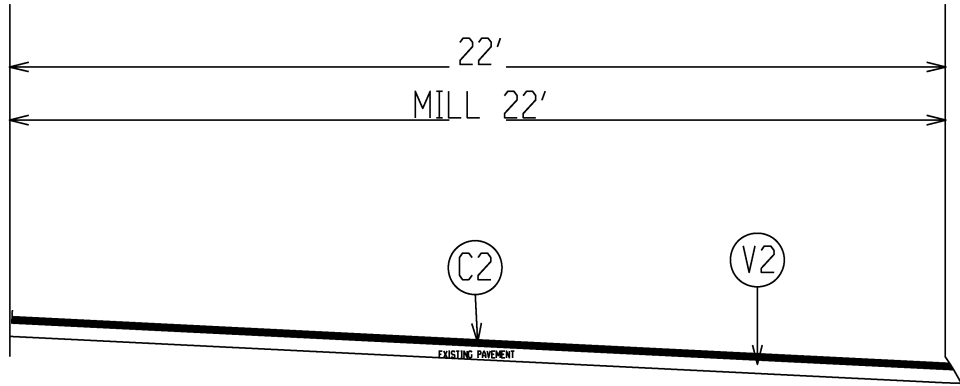
**JOHNSTON COUNTY
NORTH CAROLINA
SHEET 1 OF 1**



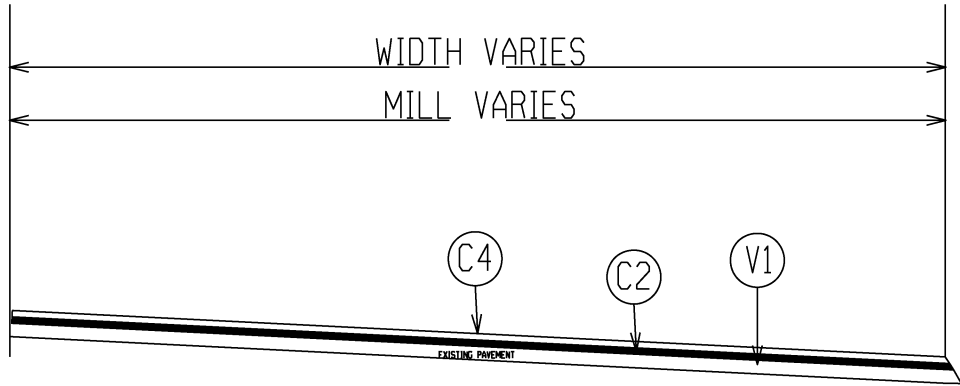
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WBS 52001.3.1	2	



TYPICAL SECTION 1



TYPICAL SECTION 2

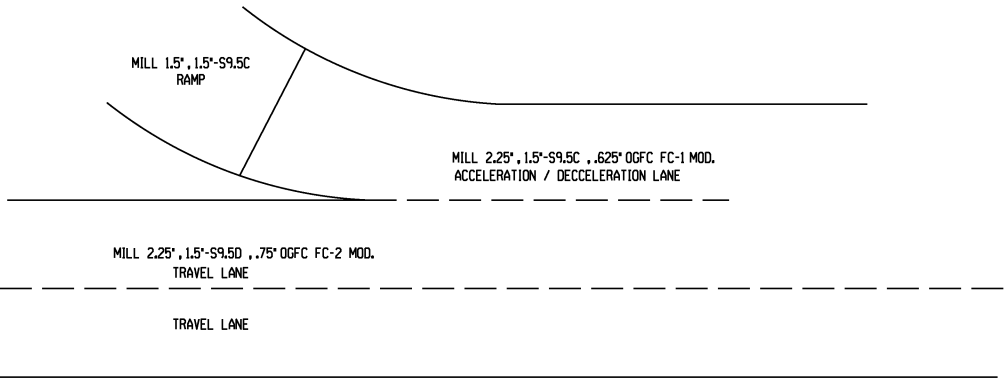


ACCELERATION, DECELERATION AND GORE TRANSITION

MILL WIDTH OF EXISTING OGFC AS DIRECTED BY ENGINEER.

- (C1) APPROX 1.5" OF S9.5D AT AN AVERAGE RATE OF 168 LB/SY
- (C2) APPROX 1.5" OF S9.5C AT AN AVERAGE RATE OF 168 LB/SY
- (C3) APPROX .75" OF OGFC TYPE FC-2 MOD AT AN AVERAGE RATE OF 90 LB/SY
- (C4) APPROX .625" OF OGFC TYPE FC-1 MOD AT AN AVERAGE RATE OF 70 LB/SY
- (V1) MILL AS DIRECTED 2.25" PRIOR TO RESURFACING
- (V2) MILL ENTIRE ROADWAY 1.5" PRIOR TO RESURFACING
- (M) MILLED RUMPLE STRIPS

OGAFC FC-1 IS TO BE USED AS A TRANSITION FROM 9.5C TO OGFC FC-2



RAMP TRANSITION DETAIL

JOHNSTON COUNTY NORTH CAROLINA



PROJECT NO.	SHEET NO.	TOTAL NO.
I-5723	3	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	2.25" MILLING SY	1.5" MILLING SY	SURFACE COURSE, S9.5C TONS	ASPHALT CONC SURFACE COURSE, TYPE S9.5D TON	ASPHALT BINDER FOR PLANT MIX TONS	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX TONS	OGAFC, TYPE FC-1 MOD TON	OGAFC, TYPE FC-2 MOD TON	MILLED RUMBLE STRIPS LF	DROP INLET REPAIR EA	
I-5723	Johnston	1	I-40 EBL	EAST OF I-95 TO SAMPSON CO. LINE	1	2	MD	YES	NO	11	32	217,400			17,414		1,561		9,311	116,000	16	
		2	I-40 WBL	SAMPSON CO. LINE TO EAST OF I-95	1	2	MD	YES	NO	11	32	217,400			17,414		1,561		9,311	116,000	16	
		3	EBL ENTRY RAMP	NC 96 HWY TO EBL I-40	2	2		NO	NO	0.21	22	1,800	2,710	379		22	12	200				
		4	EBL EXIT RAMP	I-40 TO NC 96 HWY	2	2		NO	NO	0.2	22	800	2,581	285		17	9	140				
		5	WBL ENTRY RAMP	NC HWY 96 TO I-40	2	2		NO	NO	0.21	22	1,800	2,710	379		22	9	140				
		6	WBL EXIT RAMP	I-40 TO NC HWY 96	2	2		NO	NO	0.21	22	800	2,710	296		17	12	200				
TOTAL FOR PROJ NO. I-5723										22.83		440,000	10,711	1,339	34,828	78	3,164	680	18,622	232,000	32	
GRAND TOTAL										22.83		440,000	10,711	1,339	34,828	78	3,164	680	18,622	232,000	32	

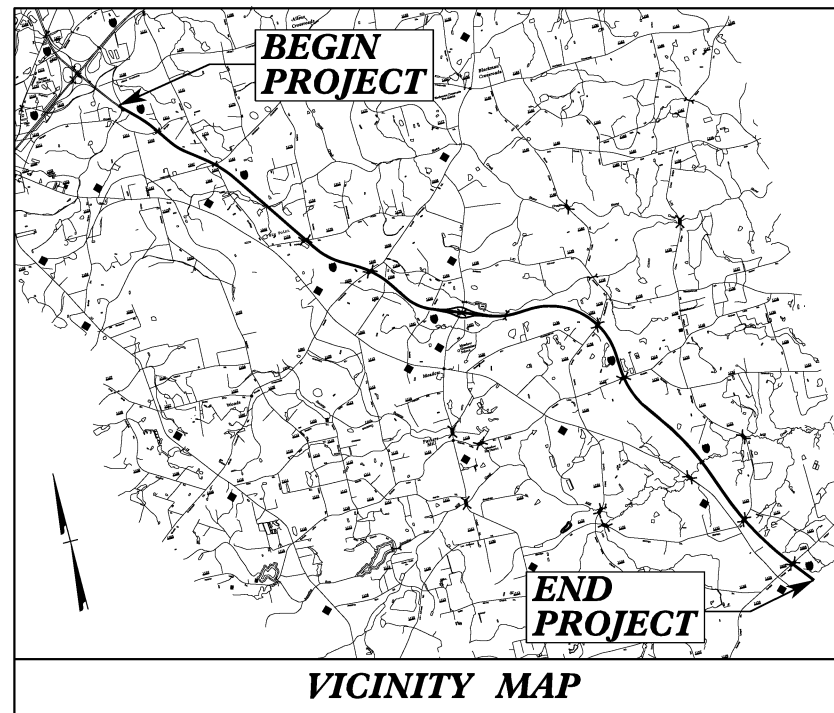
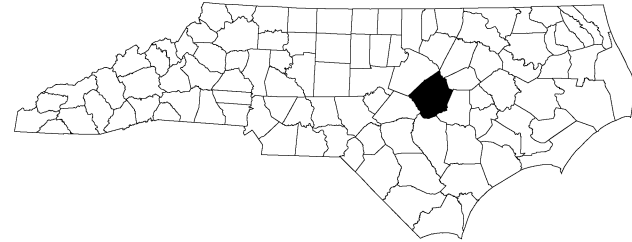
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4400000000-E STATIONARY WORK ZONE SIGN SF	4405000000-E PORTABLE WORK ZONE SIGN SF	4415000000-N FLASHING ARROW BOARD EA	4420000000-N PORTABLE CHANGEABLE MESSAGE SIGN EA	4422000000-N PORTABLE CHANGEABLE MESSAGE SIGN (SHORT) DAY	4430000000-N DRUMS EA	4480000000-N TMA EA	4688000000-E 6" X 90 M WHITE THERMO LF	4688000000-E 6" X 90 M YELLOW THERMO LF	4690000000-E 6" X 120 M WHITE THERMO LF	4695000000-E 8" X 90 M WHITE THERMO LF	4700000000-E 12" X 90 M WHITE THERMO LF	4725000000-E THERMO MERGE ARROW 90 M EA	4815000000-E 6" WHITE PAINT LF	4815000000-E 6" YELLOW PAINT LF	4825000000-E 12" WHITE PAINT LF	4845000000-N PAINT MERGE ARROW EA	4900000000-N CRYSTAL & RED MARKERS EA	4905000000-N SNOW PLOWABLE MARKERS EA									
I-5723	Johnston	1	I-40 EBL	EAST OF I-95 TO SAMPSON CO. LINE	1	2	MD	11	32	48	139	3	5	10	125	1	63,000	63,000	16,000		800		79,000	63,000	800			800									
		2	I-40 WBL	SAMPSON CO. LINE TO EAST OF I-95	1	2	MD	11	32	48	139			10	125		63,000	63,000	16,000		800		79,000	63,000	800			800									
		3	EBL ENTRY RAMP	NC 96 HWY TO EBL I-40	2	2		0.21	22								1,200	1200				3	1,200	1,200		3											
		4	EBL EXIT RAMP	I-40 TO NC 96 HWY	2	2		0.2	22								1,100	1100			37		1,100	1,100			15										
		5	WBL ENTRY RAMP	NC HWY 96 TO I-40	2	2		0.21	22								1,000	1000				3	1,000	1,000		3											
		6	WBL EXIT RAMP	I-40 TO NC HWY 96	2	2		0.21	22								1,200	1200			37		1,200	1,200			15										
TOTAL FOR PROJ NO. I-5723								22.83		96	278	3	5	20	250	1	130,500	130,500	32,000	74	1,600	6	162,500	130,500	1,600	6	30	1,600									
GRAND TOTAL																	22.83		96	278	3	5	20	250	1	130,500	130,500	32,000	74	1,600	6	162,500	130,500	1,600	6	30	1,600

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

JOHNSTON COUNTY



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A - 1B	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, TRANSPORTATION OPERATIONS PLAN: (WORK ZONE TRAFFIC CONTROL NARRATIVE AND REQUIREMENTS)
TMP-2A	RESURFACING ADVANCE WARNING SIGNS FOR HIGH SPEED FACILITIES > 60 MPH
TMP-2B	WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION

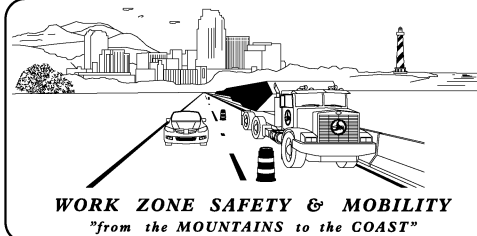
SHEET NO.

TMP-1

I-5723

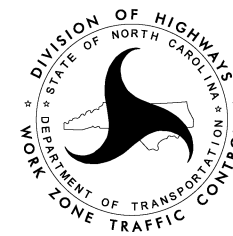
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
11/2/2015
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N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
 1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
 750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
 PHONE: (919) 773-2800 FAX: (919) 771-2745

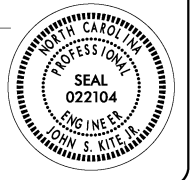
- J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
- J. S. KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
- D. A. PARKER TRAFFIC CONTROL PROJECT DESIGN ENGINEER
- S. N. GREEN TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: 
DocuSigned by: Steve Kite
E27CE3E10FC442

DATE: 11/3/2015

SEAL



**ROADWAY
STANDARD DRAWINGS**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD.NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1145.01	BARRICADES
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 MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.06	PAVEMENT MARKINGS - LANE DROPS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY



WORK ZONE TRAFFIC CONTROL NARRATIVE

FOR REPAIR OF MEDIAN DRAINAGE STRUCTURES, RESURFACING OF I-40 TRAVEL LANES, ACCEL/DECEL LANES, GORE TRANSITIONS, AND RAMPS, USE "WORK ZONE VARIABLE SPEED LIMIT REDUCTION" (TMP-2B), AND RSD 1101.02, SHEET 4, OR A COMBINATION OF SHEET 4, 9 AND 10.

- FOR RESURFACING OF I-40 TRAVEL LANES, ACCEL/DECEL LANES, AND GORE TRANSITIONS, MILL 2.25" (V1 OR V2) AND PLACE 1.5" OF SURFACE COURSE (C1 OR C2) AND TEMPORARY PAINT PAVEMENT MARKINGS PRIOR TO RESTORING THE EXISTING PATTERN.

- FOR RESURFACING OF RAMPS BEYOND THE GORE, MILL 1.5" (V1) AND PLACE 1.5" OF SURFACE COURSE (C2) AND TEMPORARY PAINT PAVEMENT MARKINGS PRIOR TO RESTORING THE EXISTING PATTERN.

- UPON COMPLETION OF MILLING AND PLACEMENT OF SURFACE COURSE, PLACE OGFC (C3 OR C4) ON THE TRAVEL LANES, ACCEL/DECEL LANES, AND GORE TRANSITIONS AND FINAL PAVEMENT MARKINGS/MARKERS THROUGHOUT THE PROJECT LIMITS.

APPROVED: <i>Steve Kite</i> <small>ED7C638D1DF6442</small> DATE: 11/3/2015			<p align="center">ROADWAY STANDARD DRAWINGS AND TRANSPORTATION OPERATIONS PLAN (TRAFFIC CONTROL NARRATIVE)</p>
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WORK ZONE TRAFFIC CONTROL GENERAL REQUIREMENTS

LANE CLOSURE RESTRICTIONS

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 UNDESIRE 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 (SEE SPECIAL PROVISION, INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

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

ROAD NAME	DAY AND TIME RESTRICTIONS
I-40 EB	FRIDAY AT 12:00 NOON TO 8:00 P.M. SATURDAY 7:00 A.M. TO 12:00 NOON
I-40 WB	SUNDAY AT 12:00 NOON TO 8:00 P.M.

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

ROAD NAME	HOLIDAY
I-40	<p>HOLIDAY</p> <p>1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.</p> <p>2. FOR NEW YEAR'S DAY, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31ST AND 8:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY, THEN UNTIL 8:00 P.M. THE FOLLOWING TUESDAY.</p> <p>3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 8:00 P.M. TUESDAY.</p> <p>4. FOR MOTHER'S DAY WEEKEND, BETWEEN THE HOURS OF 6:00 A.M. SATURDAY AND 7:00 P.M. SUNDAY.</p> <p>5. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 8:00 P.M. WEDNESDAY.</p> <p>6. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF INDEPENDENCE DAY AND 8:00 P.M. THE FOLLOWING MONDAY AFTER THE WEEK OF INDEPENDENCE DAY.</p> <p>7. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 8:00 P.M. WEDNESDAY.</p> <p>8. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY AND 8:00 P.M. MONDAY.</p> <p>9. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 8:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS DAY.</p>

C) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

WORK ZONE SIGNING:

(A) INSTALLATION

IF THERE IS A PERIOD OF CONSTRUCTION INACTIVITY LONGER THAN 14 CALENDAR DAYS, REMOVE OR COVER ADVANCE/GENERAL WARNING WORK ZONE SIGNS. UNCOVER ADVANCE/GENERAL WARNING WORK ZONE SIGNS NO MORE THAN 7 CALENDAR DAYS BEFORE WORK RESUMES. ALL OTHER OPERATIONS MAY BE SUSPENDED UPON FAILURE TO COMPLY WITH THE ABOVE REQUIREMENTS. SUCH SUSPENDED OPERATIONS WOULD NOT BE RESUMED UNTIL THE ABOVE REQUIREMENTS ARE FULFILLED.

(B) SIGN REMOVAL

ALL STATIONARY WORK ZONE SIGNS SHALL BE REMOVED ONCE THE PROJECT IS SUBSTANTIALLY COMPLETE. THE PROJECT IS SUBSTANTIALLY COMPLETE WHEN THE RESURFACING OPERATIONS ARE COMPLETED AND THE SHOULDERS ARE BROUGHT UP TO THE SAME ELEVATION AS THE PROPOSED PAVEMENT AND WHEN PAVEMENT MARKINGS ARE INSTALLED. THE PAVEMENT MARKING DOESN'T HAVE TO BE THE FINAL MARKING MATERIAL TO BE CONSIDERED SUBSTANTIALLY COMPLETE. ANY REMAINING PUNCH LIST ITEMS ARE TO BE COMPLETED WITH PORTABLE WORK ZONE SIGNING.

(C) LANE CLOSURE WORK ZONE SIGNS

INSTALL ANY REQUIRED LANE CLOSURE SIGNING NEEDED DURING THE LIFE OF THE PROJECT IN ACCORDANCE WITH THE STANDARD DRAWING NO. 1101.02, 1101.11 AND 1110.02 OF THE 2012 ROADWAY STANDARD DRAWINGS.

TEMPORARY PAVEMENT MARKING AND MARKERS:

DESCRIPTION

TEMPORARY PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWINGS 1205.01 THROUGH 1205.13 OF THE 2012 ROADWAY STANDARD DRAWINGS AND SECTION 1205 OF THE 2012 STANDARD SPECIFICATIONS.

(A) MARKERS

REMOVE EXISTING SNOWPLOWABLE PAVEMENT MARKERS IN PREPARATION FOR PAVING. REPAIR ANY PAVEMENT DAMAGE DUE TO EXISTING PAVEMENT MARKER REMOVAL PRIOR TO THE END OF THE WORK DAY. DISPOSE OF EXISTING PAVEMENT MARKERS AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK AS IT WILL BE INCIDENTAL TO THE PAVING OPERATION.

INSTALL PERMANENT PAVEMENT MARKERS WITHIN 60 CALENDAR DAYS AFTER COMPLETING THE RESURFACING. PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING 1205.12 AND STANDARD DRAWINGS 1250.01 THROUGH 1253.01 OF THE 2012 ROADWAY STANDARD DRAWINGS AND SECTIONS 1250 THROUGH 1253 OF THE 2012 STANDARD SPECIFICATIONS.

(B) MARKING AND MARKERS

FOR TEMPORARY PAVEMENT MARKING USE RSD 1205.01, 1205.02, 1205.03, 1205.06, 1205.08, 1205.12, 1205.13.

FOR TEMPORARY RAISED PAVEMENT MARKERS USE RSD 1250.01 AND 1251.01.

TEMPORARY TRAFFIC CONTROL (TTC):

MAINTAIN TRAFFIC IN ACCORDANCE WITH DIVISIONS 10, 11 AND 12 OF THE 2012 STANDARD SPECIFICATIONS AND THE FOLLOWING PROVISIONS:



INSTALL WORK ZONE ADVANCE WARNING SIGNS IN ACCORDANCE WITH THE DETAIL DRAWING PROVIDED IN THESE PLANS PRIOR TO BEGINNING ANY OTHER WORK.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AND WITHIN 10 FEET OF OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING STANDARD DRAWING NO. 1101.02 OF THE 2012 ROADWAY STANDARD DRAWINGS. WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, 2012 ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

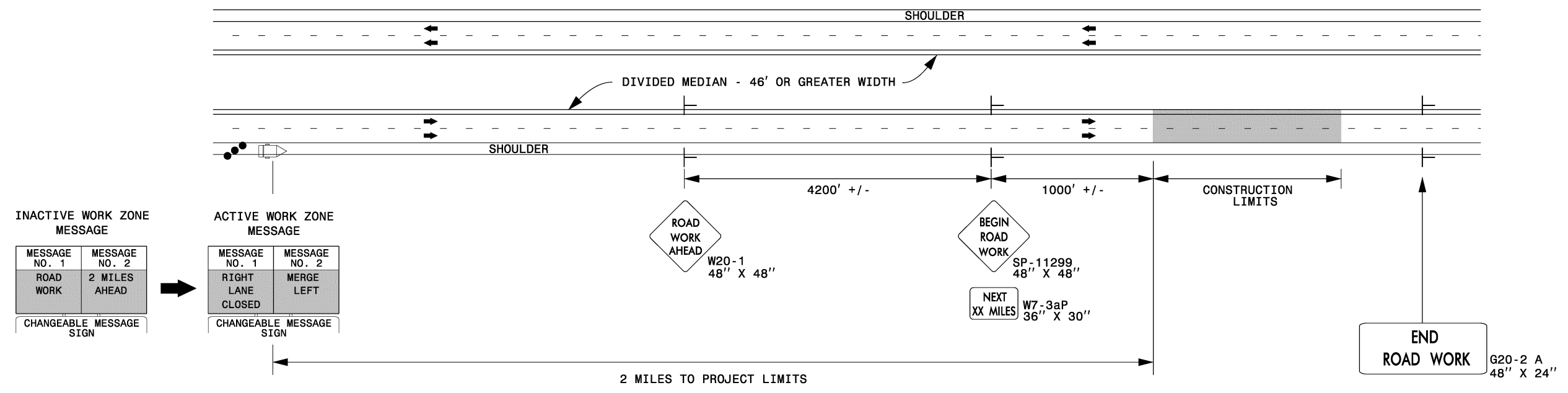
WHEN UTILIZING A SLOW-MOVING OPERATION FOR SUCH ITEMS AS PAVEMENT MARKING AND MARKER PLACEMENT, AS A MINIMUM THE SLOW MOVING OPERATION CARAVAN SHALL CONSIST OF THE VEHICLES AND DEVICES SHOWN ON THE MOVING OPERATION CARAVAN DETAILS ACCORDING TO ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 13 OF THE 2012 ROADWAY STANDARD DRAWINGS. TRAFFIC CONES MAY BE USED WHEN NECESSARY TO PROVIDE ADDITIONAL PROTECTION OF WET PAVEMENT MARKINGS. BALLAST ALL TRAFFIC CONES SO THEY WILL NOT BE BLOWN OVER BY TRAFFIC.

CONSTRUCTION OPERATIONS:

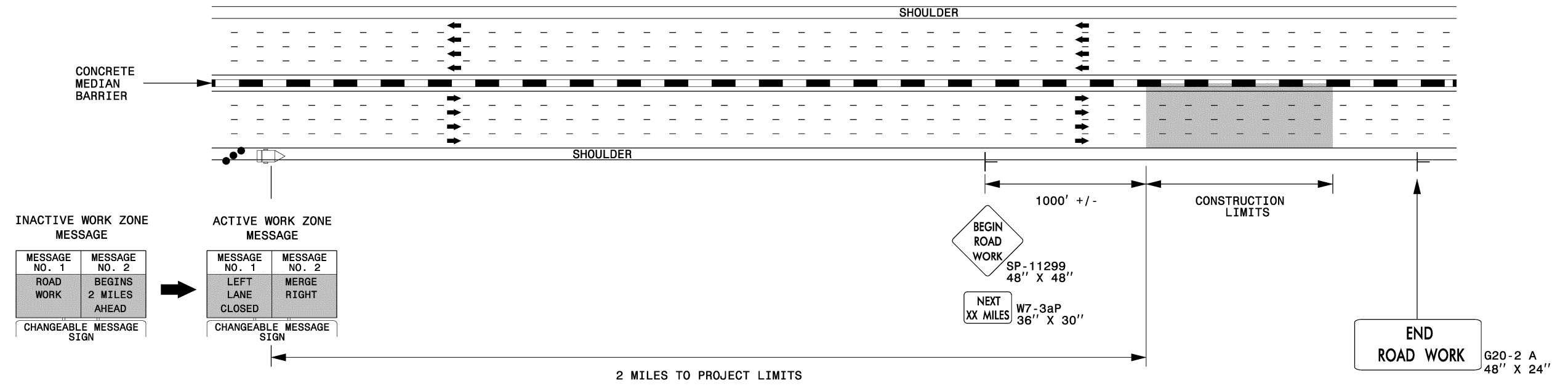
- CONTRACTOR SHALL MILL AND PAVE LANES IN AN ORDER SUCH THAT WATER SHALL NOT ACCUMULATE.
- CONTRACTOR SHALL MILL AND PAVE BACK ASPHALT SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY MARKERS BY THE END OF EACH WORK DAY. REMOVE LANE CLOSURE AND REOPEN TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD. (SEE INTERMEDIATE CONTRACT TIME FOR ALLOWABLE LANE CLOSURE TIMES).
- REMOVE/REPLACE ANY CONFLICTING OR DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- OPERATE EQUIPMENT AND CONDUCT OPERATIONS IN THE SAME DIRECTION AS THE FLOW OF TRAFFIC. MAINTAIN VEHICULAR ACCESS IN ACCORDANCE WITH ARTICLE 1101-05 OF THE 2012 STANDARD SPECIFICATIONS.
- DO NOT INSTALL MORE THAT 3 MILES OF LANE CLOSURE ON I-40, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE, AND DO NOT INSTALL ANY MORE THAN ONE PER DIRECTION.

APPROVED: <i>Steve Kite</i> <small>ED7C83810FC642</small> DATE: 12/2/2015			TRANSPORTATION OPERATIONS PLAN (TRAFFIC CONTROL REQUIREMENTS)
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DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



DIVIDED MEDIANS WITH WIDTHS LESS THAN 46' OR WITH PERMANENT MEDIAN BARRIER



NOTES:

- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 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) FOR MEDIAN WIDTHS LESS THAN 46' (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
- 4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 5) INSTALL "ROAD WORK AHEAD" (W20-1) ALONG ENTRANCE RAMP 500' PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMP WITHIN THE WORK ZONE.
- 6) 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 AND WITH DIVIDED MEDIANS OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- CHANGEABLE MESSAGE SIGN (CMS)
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM

APPROVED: *Steve Kille*

DATE: 11/2/2015

NORTH CAROLINA
PROFESSIONAL
SEAL
022104
ENGINEER
JOHN S. KITTE



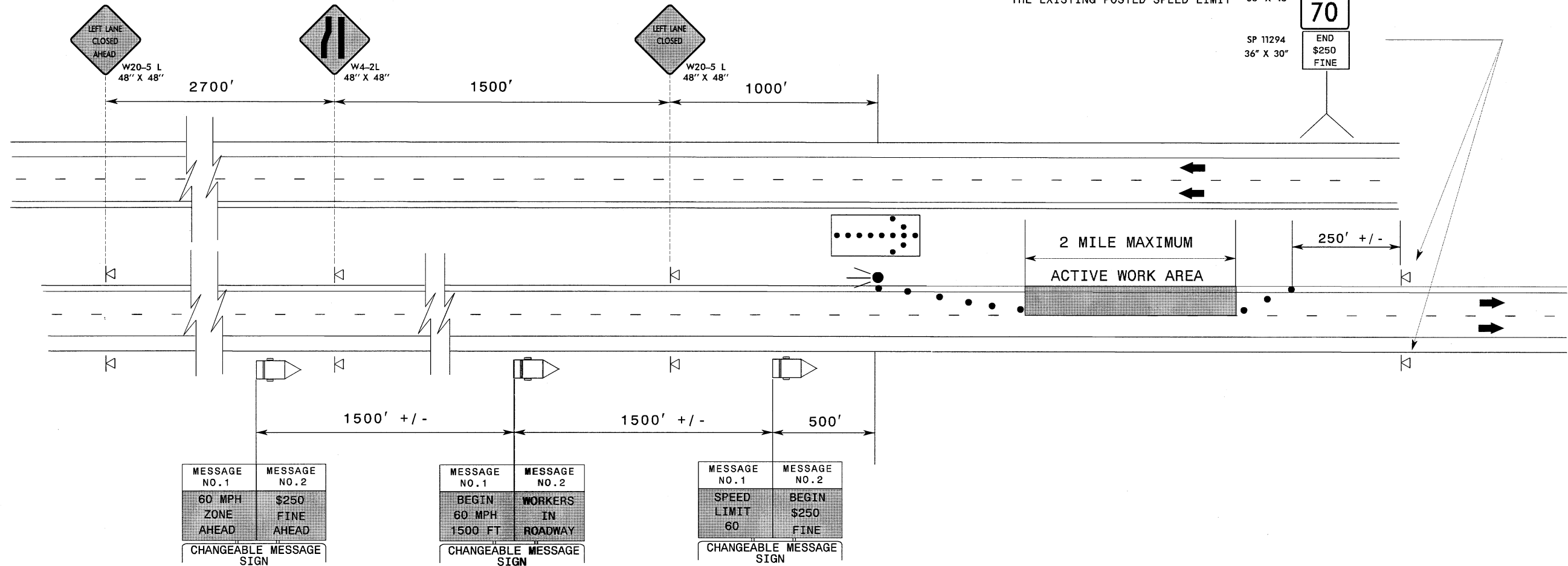
**RESURFACING ADVANCE
WARNING SIGNS FOR
HIGH SPEED FACILITIES
≥ 60 MPH**

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THE EXISTING POSTED SPEED LIMIT R2-1 36" X 48"

SPEED LIMIT 70
END \$250 FINE

SP 11294 36" X 30"



MESSAGE NO. 1	MESSAGE NO. 2
60 MPH ZONE AHEAD	\$250 FINE AHEAD

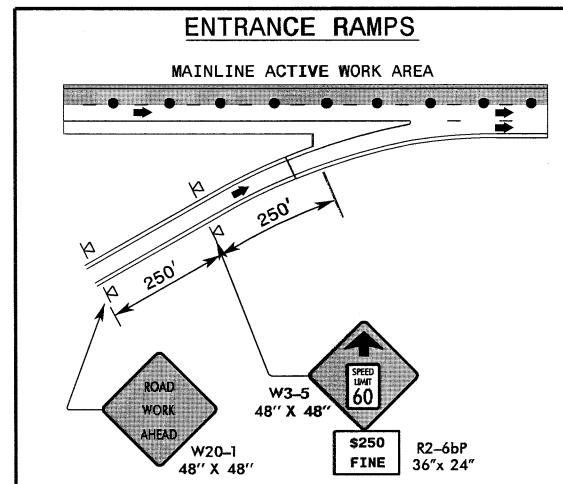
CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
BEGIN 60 MPH 1500 FT	WORKERS IN ROADWAY

CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
SPEED LIMIT 60	BEGIN \$250 FINE

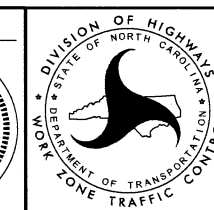
CHANGEABLE MESSAGE SIGN



NOTES

1. THE WORK ZONE "VARIABLE" SPEED LIMIT WILL BE ESTABLISHED IN COLLABORATION BETWEEN THE REGIONAL TRAFFIC ENGINEER, THE DIVISION, AND THE WORK ZONE TRAFFIC CONTROL SECTION. THIS DRAWING SHOWS THE TYPICAL APPLICATION OF REDUCING THE SPEED LIMIT TO 60 MPH.
2. TYPICALLY THE WORK ZONE "VARIABLE" SPEED LIMIT APPLIES TO A SPECIFIC PORTION AND NOT THE ENTIRE PROJECT. THE WORK AREA AFFECTED BY THE SPEED REDUCTION SHOULD NOT EXCEED 2 MILES UNLESS THE MAXIMUM LENGTH OF LANE CLOSURE ALLOWED BY THE PLANS EXCEEDS THE 2 MILE MAXIMUM.
3. THE WORK ZONE "VARIABLE" SPEED LIMIT AND THE \$250 SPEEDING FINE IS TO BEGIN 500' IN ADVANCE OF THE FLASHING ARROW PANEL AT THE MERGE TAPER. THE EXISTING SPEED LIMIT SIGNS AND THE "END \$250 FINE" SIGNS ARE TO BE INSTALLED AT THE LOCATION WHERE THE EXISTING SPEED LIMIT IS TO RESUME.
4. THE NEED AND LOCATION OF ADDITIONAL POSTED WORK ZONE "VARIABLE" SPEED LIMIT SIGNS WITHIN THE LANE CLOSURE IS TO BE DETERMINED BY THE REGIONAL TRAFFIC ENGINEER.
5. WHEN WORK ZONE "VARIABLE" SPEED LIMIT REDUCTIONS ARE IN EFFECT, THE CONTRACTOR IS TO COVER ANY EXISTING SPEED LIMIT SIGNS LOCATED WITHIN THE ACTIVE WORK AREA THAT CONFLICT WITH THE WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION.

APPROVED: *Steve Eide*
DATE: 11/3/2015



WORK ZONE "VARIABLE" SPEED LIMIT REDUCTION