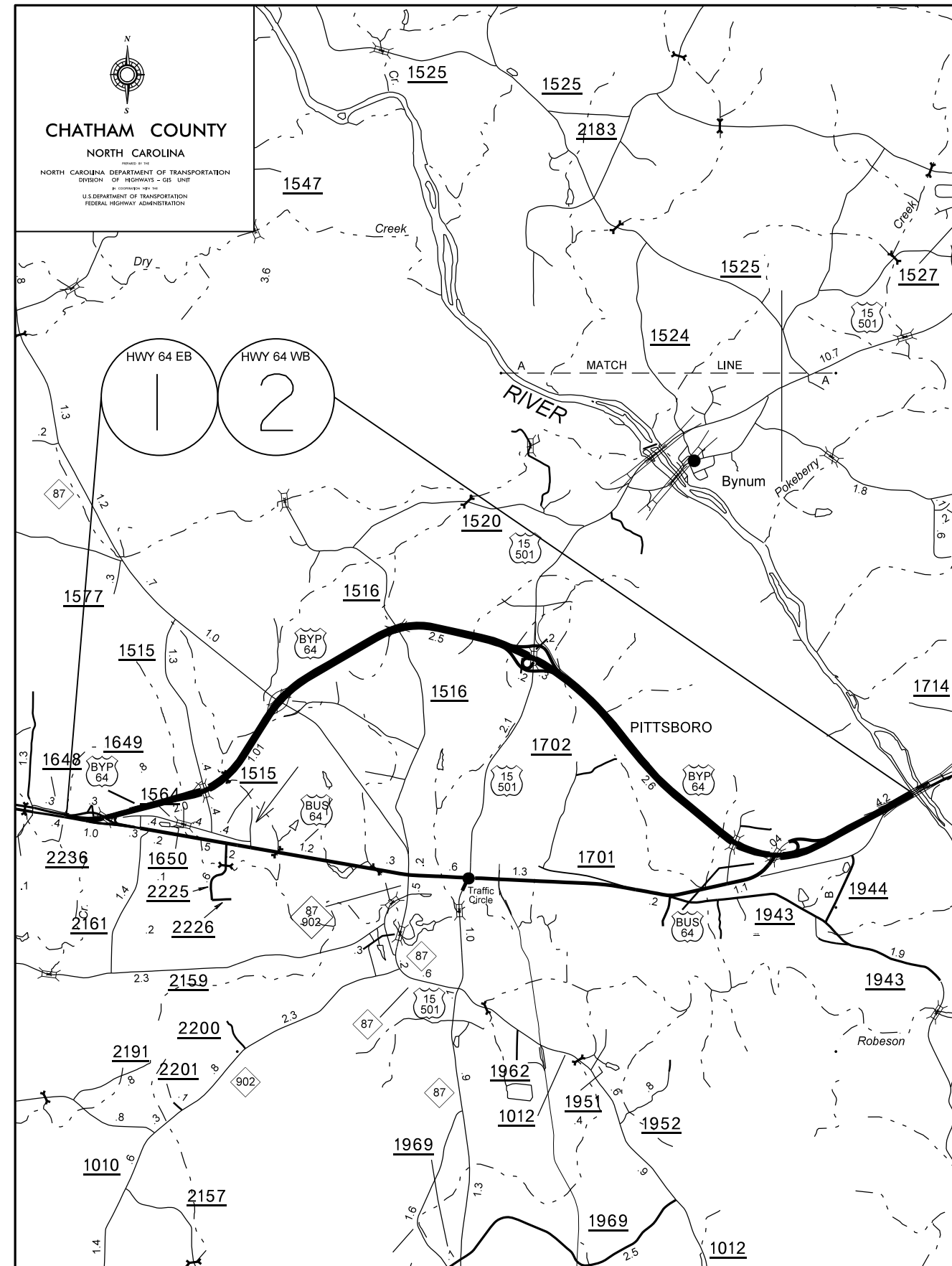


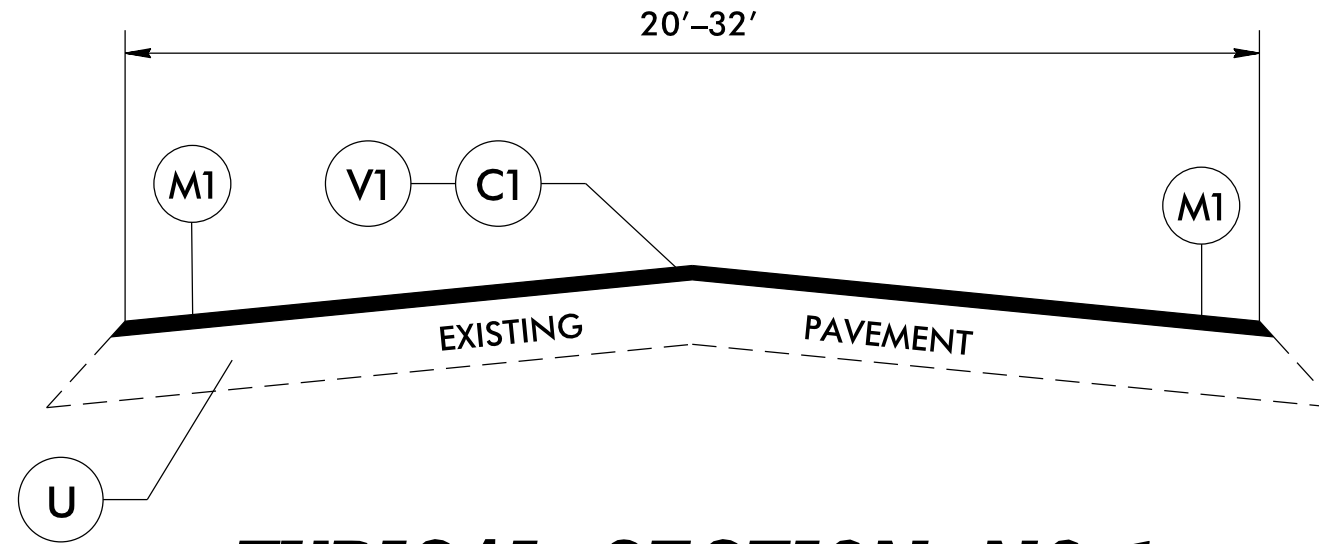
CHATHAM COUNTY
PRIMARY RESURFACING MAP

PROJECT: 2021 CPT 08 02 10191
 FILE: \\s:\apps\2021\08\02\10191\Map.dgn
 DATE: 08/02/2021 09:52
 USER: jh118

MAPS #1 & #2

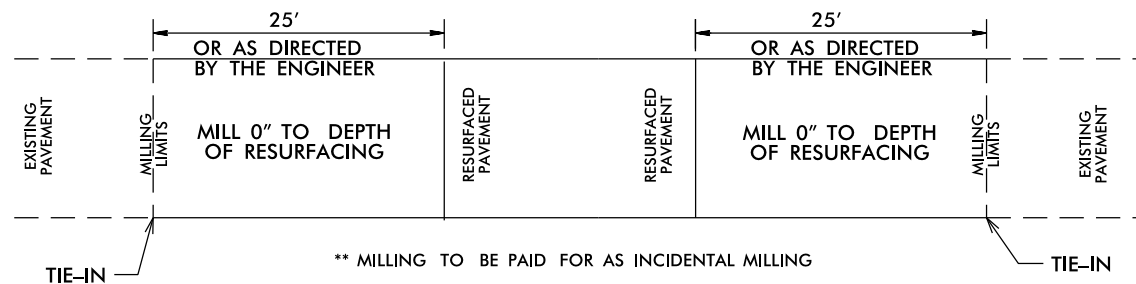


ALL THE RAMPS AND LOOPS WITHIN THE CONSTRUCTION LIMITS OF MAPS 1 & 2 ARE INCLUDED IN THE MILLING AND RESURFACING QUANTITIES WITH THE EXCEPTION OF THE CHATHAM PARK WAY INTERCHANGE.



TYPICAL SECTION NO. 1

NOTE: INCLUDE RAMPS ON MAPS 1 & 2.



PAVEMENT TIE-IN DETAIL

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
M1	MILLED RUMBLE STRIPS
U	EXISTING PAVEMENT.
V1	MILLING 1.5" IN DEPTH

PROJECT NO.	SHEET NO.	TOTAL NO.
2021CPT.08.02.10191	5	

SUMMARY OF QUANTITIES

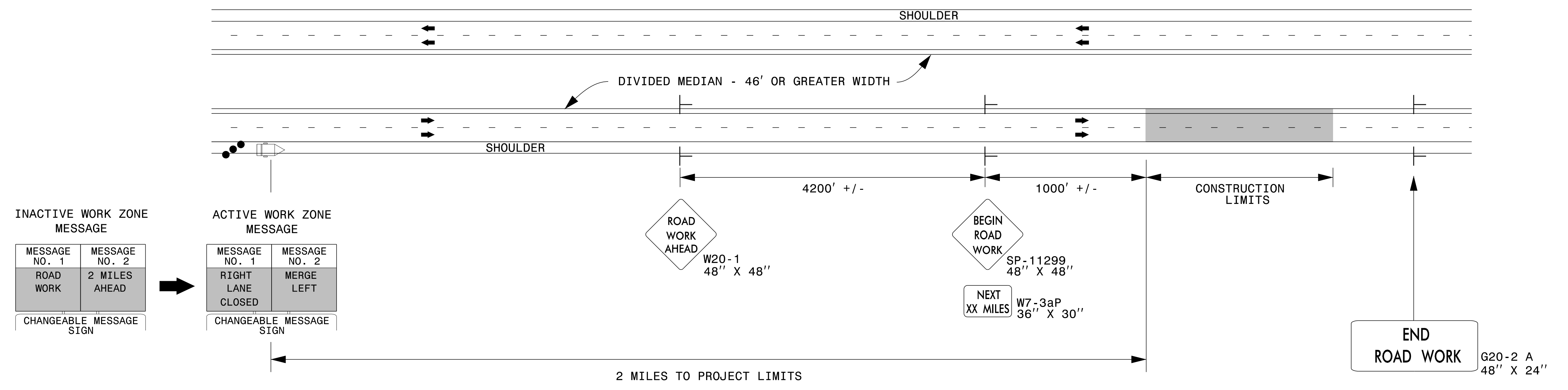
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1.5" MILLING	INC. MILLING	S9.5C	ASPHALT BINDER FOR PLANT MIX	MILLED RUMBLE STRIPS	
										MI	FT	SY	SY	TONS	TONS	LF	
2021CPT.08.02.	Chatham	1	US 64 EAST (INCLUDE RAMPS)	FROM PVMT JOINT AT EXIT 378 TO BRIDGE AT HAW RIVER	1	2	MD	NO	NO	9.01	31	195,011			18,020	1,081	95,206
		2	US 64 WEST (INCLUDE RAMPS)	FROM PVMT JOINT AT HAW RIVER TO PAVMNT JOINT AT EXIT 378	1	2	MD	NO	NO	9.01	31	202,824	500		18,650	1,119	95,238
GRAND TOTAL FOR PROJ NO. 2021CPT.08.02.10191										18.02		397,835	500	36,670	2,200	190,444	

THERMOPLASTIC AND PAINT QUANTITIES

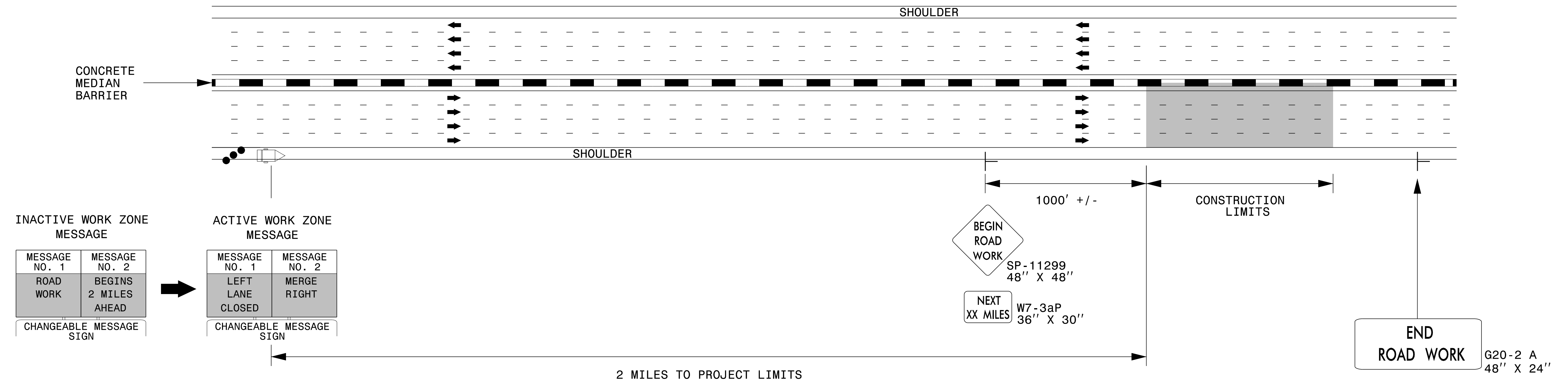
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	441300000	445700000	451000000	4685000000-E		4688000000-E		470000000	4725000000-E						
										WZ ADV/ GEN. WARN. SIGNING	TEMP. TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	12" X 90 M WHITE THERMO	THERM O STR & RT ARROW 90 M	THERM O STR & LT ARROW 90 M	THERM O RT ARROW 90 M	THERM O LT ARROW 90 M	THERM O MERGE ARROW 90M		
										MI	FT	SF	LS	HR	LF	LF	LF	LF	EA	EA	EA	EA	EA	
2021CPT.08.	Chatham	1	US 64 EAST (INCLUDE RAMPS)	FROM PVMT JOINT AT EXIT 378 TO BRIDGE AT HAW RIVER	1	2	MD	9.01	31	510	*	90	12,421	8,133	60,249	51,317	4,840	1	2	3	3	18		
		2	US 64 WEST (INCLUDE RAMPS)	FROM PVMT JOINT AT HAW RIVER TO PAVMNT JOINT AT EXIT 378	1	2	MD	9.01	31	510	90	12,681	8,515	63,843	54,726	3,120			2	2	16			
GRAND TOTAL FOR PROJ NO. 2021CPT.08.02.10191										18.02		1,020	1	180	25,102	16,648	124,092	106,043	7,960	1	2	5	5	34
															41,750	230,135				47				

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4810000000-E		4815000000-E		482000000	4845000000-N					485000000	489100000	4905000000-N			
										4" WHITE PAINT	4" YELLOW PAINT	6" WHITE PAINT	6" YELLOW PAINT	8" WHITE PAINT	PAINT MERGE ARROW	PAINT STR & RT ARROW	PAINT STR & LT ARROW	PAINT LT ARROW	PAINT RT ARROW	4" LINE REMOV AL	24" X 90 M WHITE THERMO	SNOW PLOWABLE C & R MARKERS	SNOW PLOWABLE Y & Y MARKERS		
										MI	FT	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
2021CPT.08.02.10	Chatham	1	US 64 EAST (INCLUDE RAMPS)	FROM PVMT JOINT AT EXIT 378 TO BRIDGE AT HAW RIVER	1	2	MD	9.01	31	72,670	59,450	1,210	310	4,840	18	1	2	3	3	760	35	830	10		
		2	US 64 WEST (INCLUDE RAMPS)	FROM PVMT JOINT AT HAW RIVER TO PAVMNT JOINT AT EXIT 378	1	2	MD	9.01	31	76,524	63,241	2,910	730	3,120	16			2	2	1,820	35	670	10		
GRAND TOTAL FOR PROJ NO. 2021CPT.08.02.10191										18.02		149,194	122,691	4,120	1,040	7,960	34	1	2	5	5	2,580	70	1,500	20
												271,885	5,160			47						1,520			

DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



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

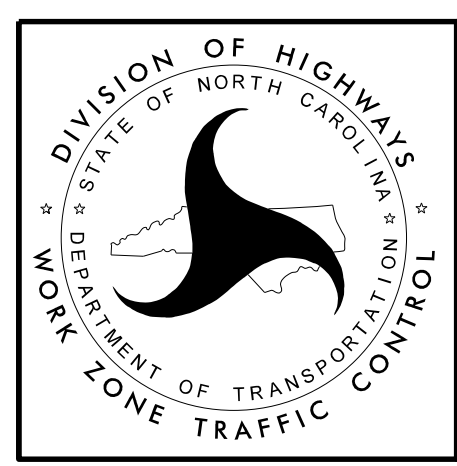


NOTES:

- 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



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

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