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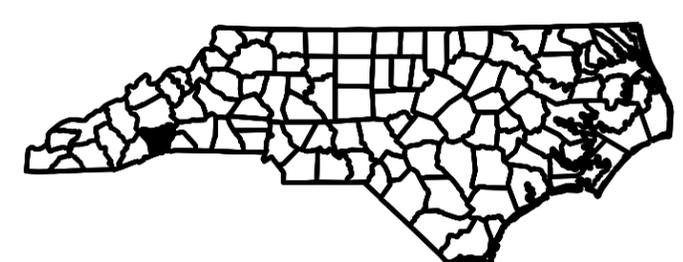
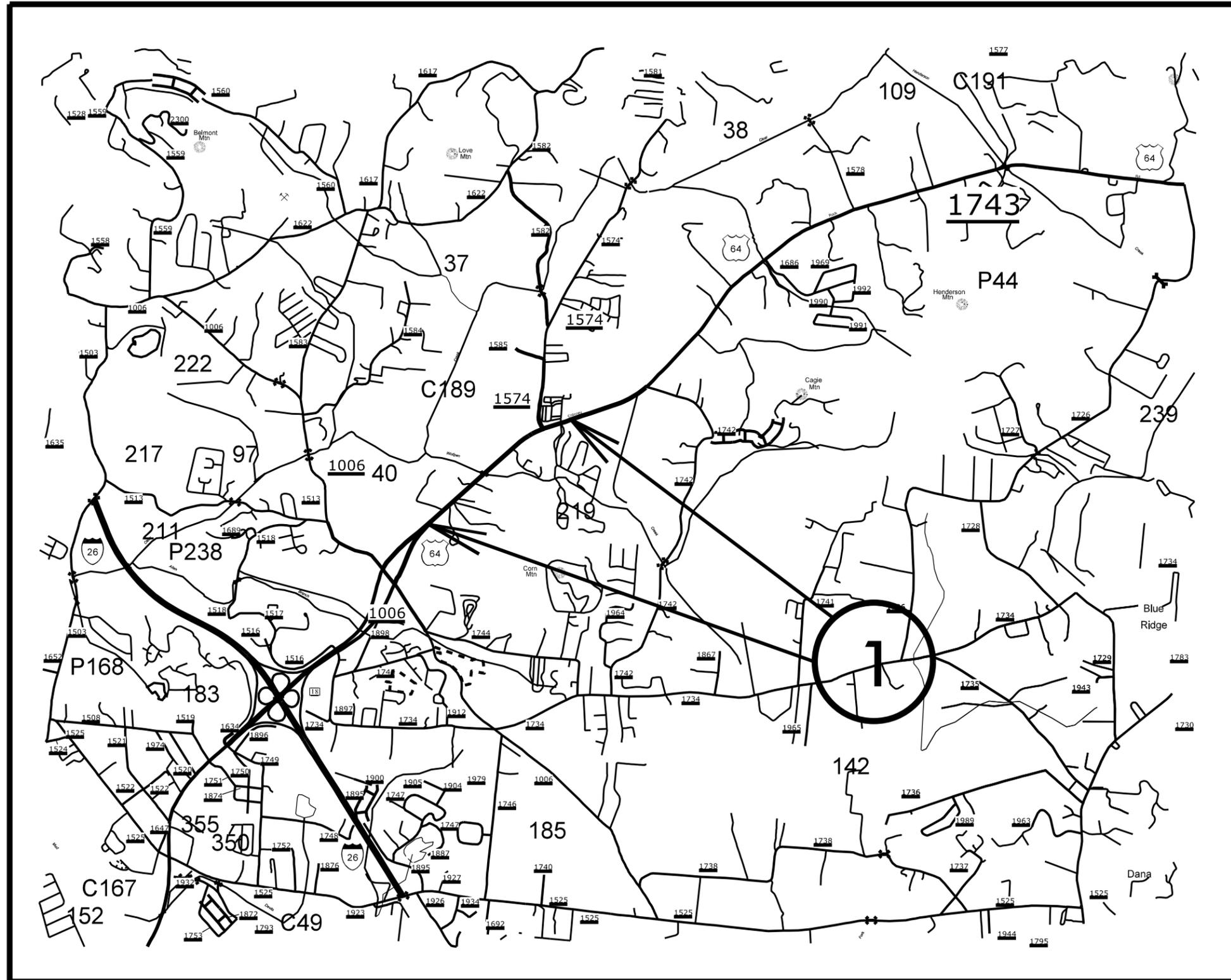
# HENDERSON COUNTY

PROJECT REFERENCE NO.		SHEET NO.
2016CPT.14.15.10451.1		1
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2016CPT.14.15.10451.1		

TIP PROJECT: N/A

CONTRACT: DN00438

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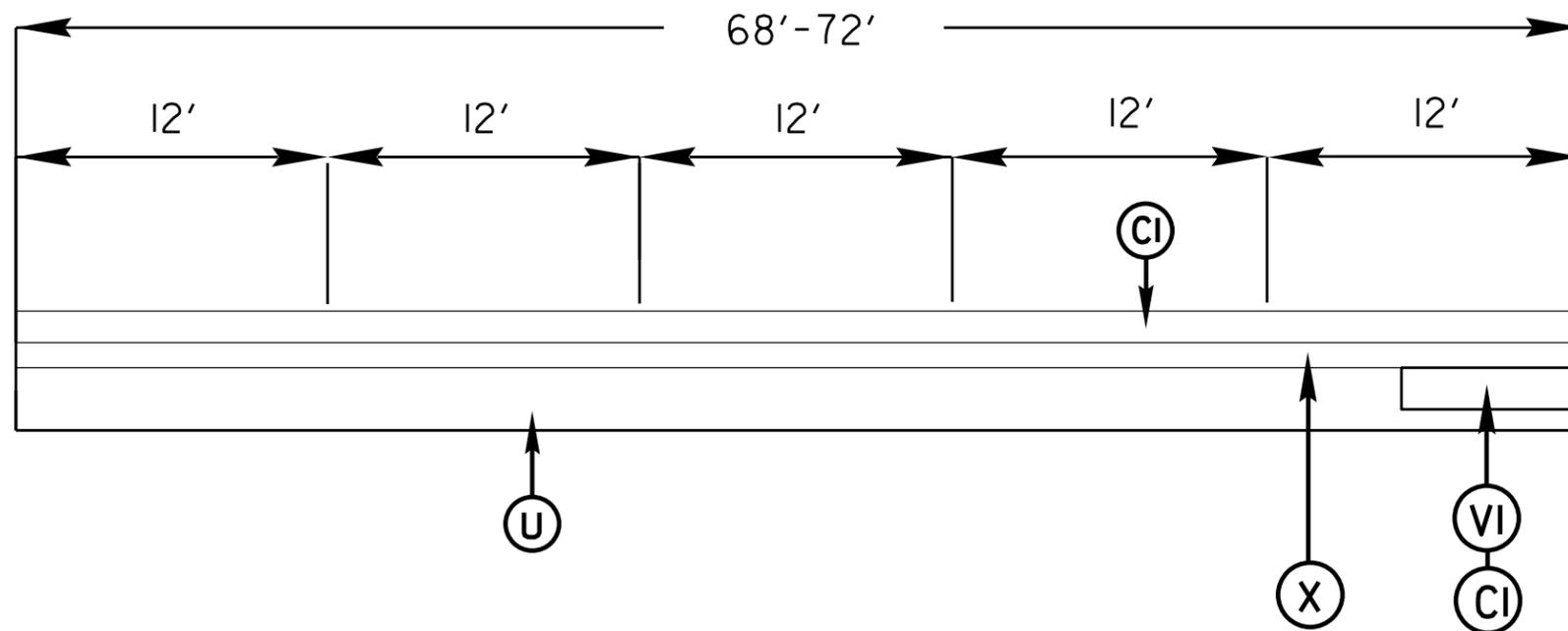


PROJECT REFERENCE NO.	SHEET NO.	
2016CPT.14.15.10451.1	2	
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
2016CPT.14.15.10451.1		

# TYPICAL 1

## HENDERSON CO

### SURFACING SCHEDULE



ITEM NO	DESCRIPTION
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD
X	PAVEMENT INERLAYER- SEE PROJECT SPECIAL PROVISIONS
V1	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
U	EXISTING ASPHALT

PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.14.15.10451.1	3	

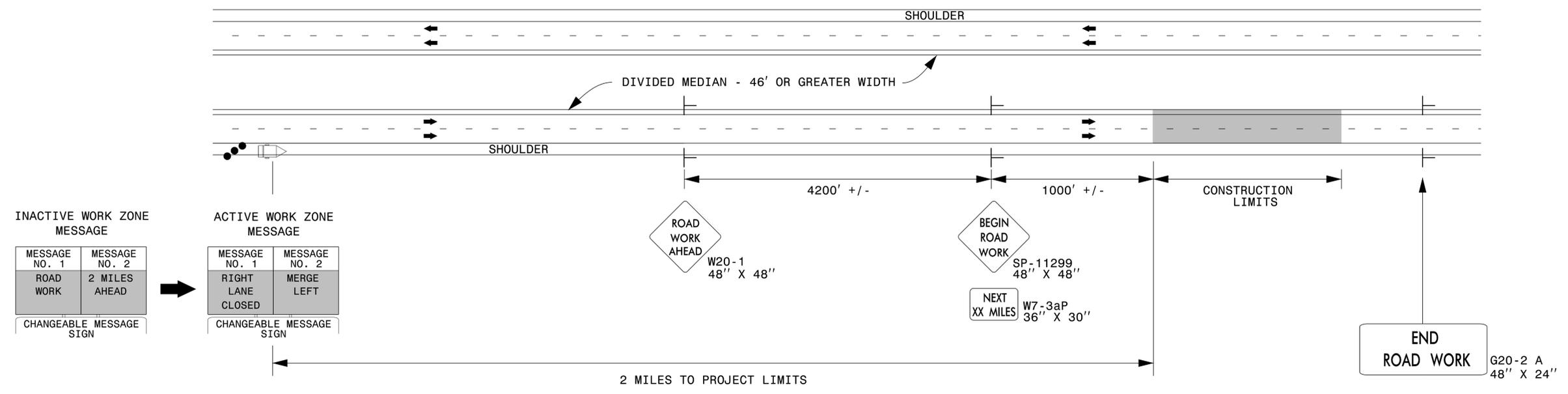
### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	1½" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5C TONS	ASPHALT BINDER FOR PLANT MIX TONS	GEN PAVE ITEM ^ PAVEMENT INTERLAYER SY	PORTABLE LIGHTING EA
2016CPT.14.15.10451.1	Henderson	1	US 64	FROM EAST OF SR-1006 AT BEGIN UNDIVIDED HWY TO PVT CHG .02 MILES EAST OF SR-1574	1	5		NO	NO	1.07	67	1,000	750	4,070	240	42058	1.0
<b>TOTAL FOR MAP NO. 1</b>										<b>1.07</b>		<b>1,000</b>	<b>750</b>	<b>4,070</b>	<b>240</b>	<b>42058</b>	<b>1.0</b>
<b>TOTAL FOR PROJ NO. 2016CPT.14.15.10451.1</b>										<b>1.07</b>		<b>1,000</b>	<b>750</b>	<b>4,070</b>	<b>240</b>	<b>42058</b>	<b>1.0</b>
<b>GRAND TOTAL</b>										<b>1.07</b>		<b>1,000</b>	<b>750</b>	<b>4,070</b>	<b>240</b>	<b>42058</b>	<b>1.0</b>

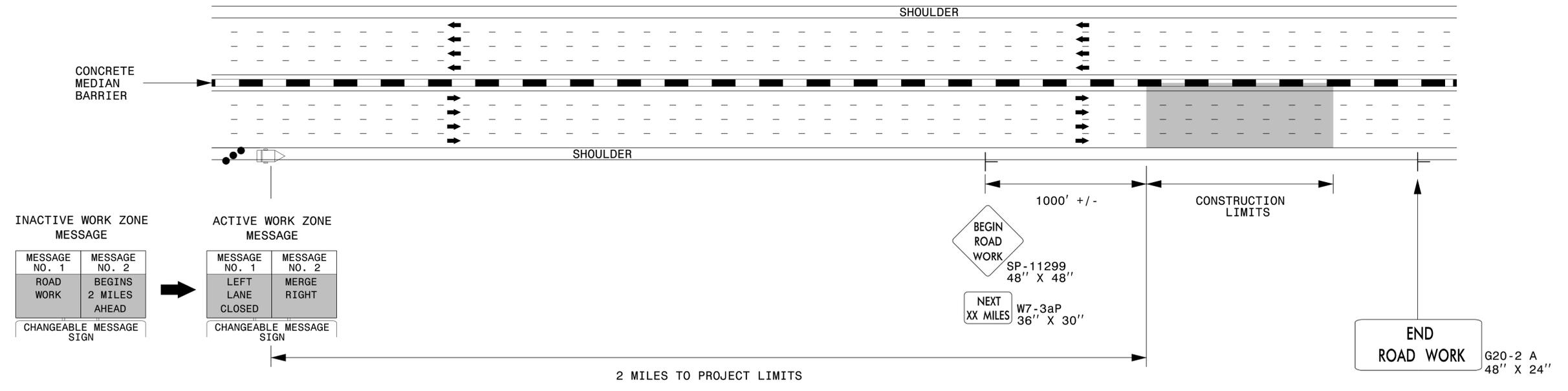
### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4400000000-E	4570000000-E	4510000000-E	4710000000-E	4721000000-E			4725000000-E			4891000000-E		9050000000-E
										STATIONARY WORK ZONE SIGN SF	TEMPORARY TRAFFIC CONTROL LS	LAW ENFORCEMENT HR	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO MSG ONLY 120 M EA	THERMO MSG LANE ENDS 1500 FEET 120 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	GEN PAVE MARK ITEM (50 MIL 4" YELLOW THERMO) LF	GEN PAVE MARK ITEM (50 MIL 4" WHITE THERMO) LF	SNOW PLOWABLE MARKERS EA
2016CPT.14.15.10451.1	Henderson	1	US 64	FROM EAST OF SR-1006 AT BEGIN UNDIVIDED HWY TO PVT CHG .02 MILES EAST OF SR-1574	1	5		1.07	67	126	1	200	75	6	16	16	38	8	8	13,500	14,900	420
<b>TOTAL FOR MAP NO. 1</b>								<b>1.07</b>		<b>126</b>	<b>1</b>	<b>200</b>	<b>75</b>	<b>6</b>	<b>16</b>	<b>16</b>	<b>38</b>	<b>8</b>	<b>8</b>	<b>13,500</b>	<b>14,900</b>	<b>420</b>
<b>TOTAL FOR PROJ NO. 2016CPT.14.15.10451.1</b>								<b>1.07</b>		<b>126</b>	<b>1</b>	<b>200</b>	<b>75</b>	<b>6</b>	<b>16</b>	<b>16</b>	<b>38</b>	<b>8</b>	<b>8</b>	<b>13,500</b>	<b>14,900</b>	<b>420</b>
<b>GRAND TOTAL</b>								<b>1.07</b>		<b>126</b>	<b>1</b>	<b>200</b>	<b>75</b>	<b>6</b>	<b>16</b>	<b>16</b>	<b>38</b>	<b>8</b>	<b>8</b>	<b>13,500</b>	<b>14,900</b>	<b>420</b>

## DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



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



**NOTES:**

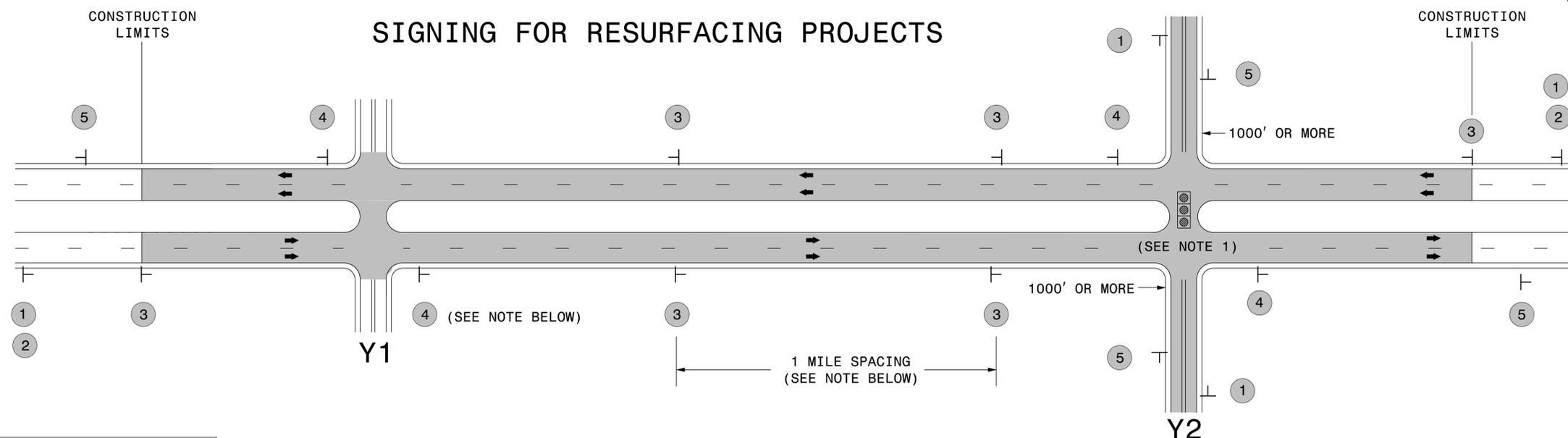
- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S 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**



**LEGEND**  
 ┆ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW

**MAINLINE (-L-) SIGNING**

**-Y- LINE SIGNING**

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#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)</p>	<p><b>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</b></p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">   <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;">   <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.</li> </ol>
		<p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

**RESURFACING  
ADVANCE WARNING SIGNS  
FOR RURAL AND SUBURBAN  
MULTI-LANE ROADWAYS  
W/ SHOULDER SECTIONS**