

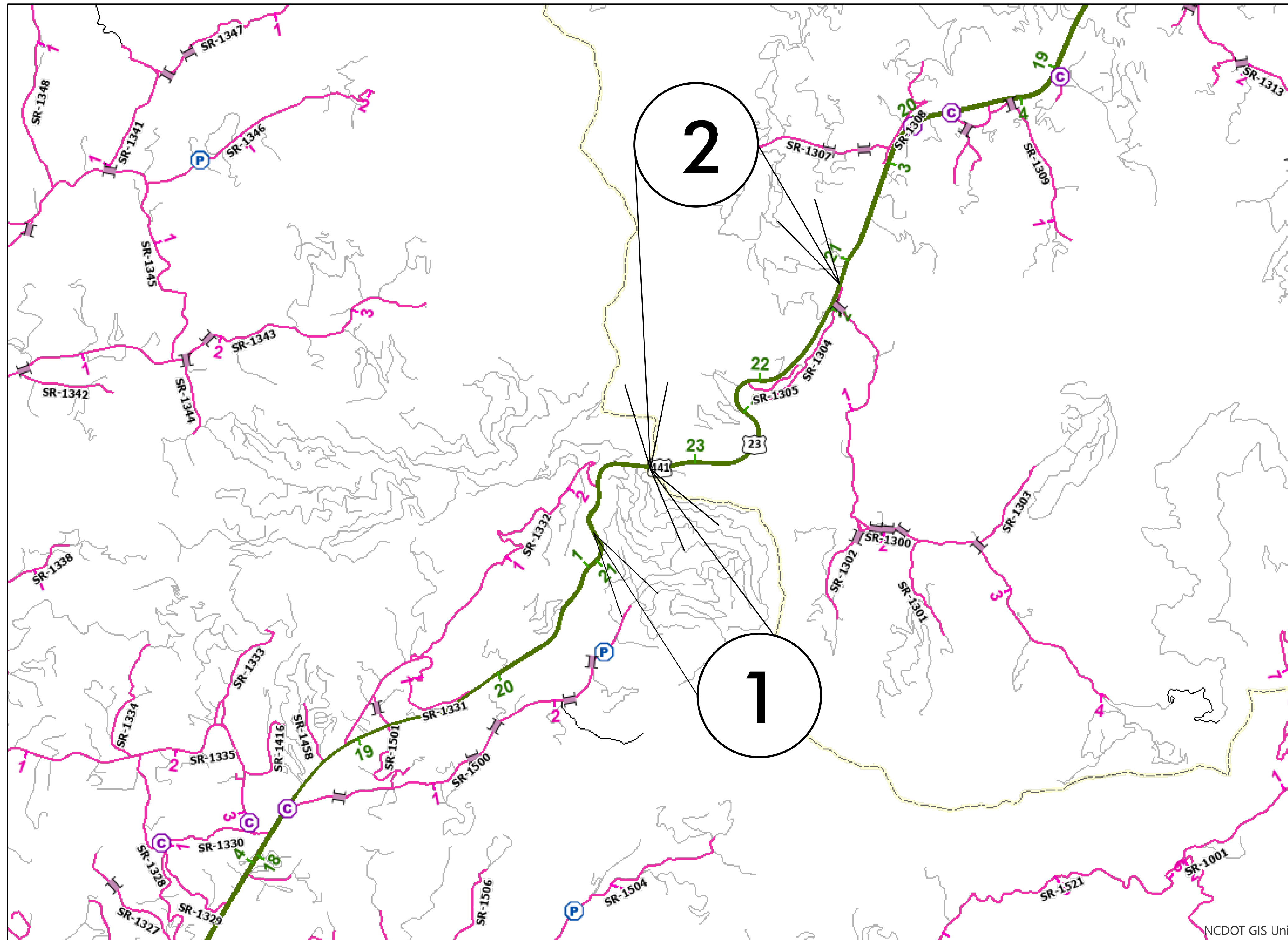
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MACON & JACKSON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5714N	1	5
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
44862.1.14	HSIP-0023(038)	PE	
44862.3.14	HSIP-0023(038)	CONSTRUCTION	



MAP 1



BEG

END

MAP 2



BEG

END

TIP PROJECT: W-5714N

CONTRACT: DN00705

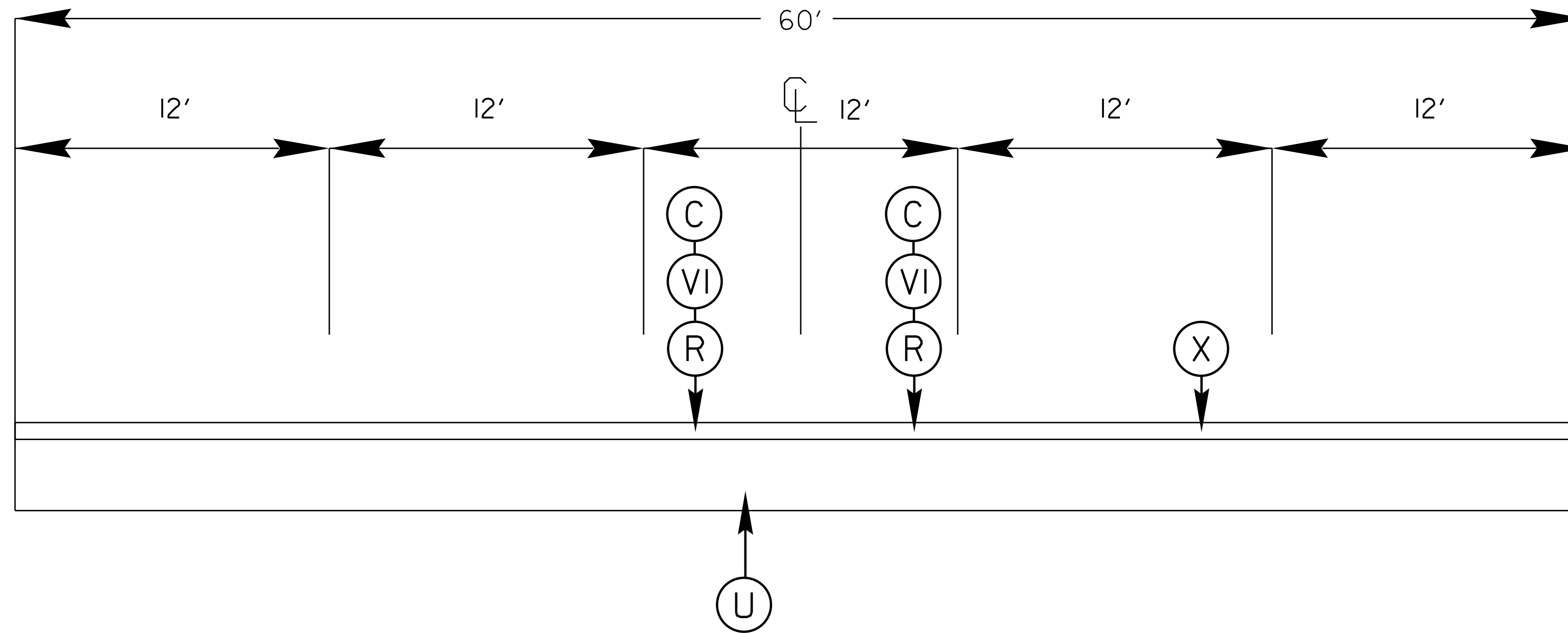
09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5714N	2	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
44862.1.14	HSIP-0023(038)	PE	
44862.3.14	HSIP-0023(038)	CONSTRUCTION	

TIP PROJECT: W-5714N

CONTRACT: DN00705

TYPICAL 1



SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
R	RUMBLE STRIPS (OUTSIDE OF CENTER LANE)
T	SHOULDER RECONSTRUCTION
U	EXISTING ASPHALT
V1	2' WIDE MILLED ASPHALT PAVEMENT 1.5" IN DEPTH (MILL EXISTING RUMBLE STRIPS)
X	PROP. APPROX. 3/4" OPEN GRADE FRICTION COURSE, TYPE FC1 MOD AT AN AVERAGE RATE OF 90 LBS PER SQ. YD.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - 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
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
665.01	Asphalt Shoulders - Milled Rumble Strips
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	Pavement Markings - Line Types and Offsets
1205.02	Pavement Markings - Divided and Undivided Roadways
1205.05	Pavement Markings - Turn Lanes
1205.08	Pavement Markings - Symbols and Work Messages
1250.01	Pavement Marker Spacing
1253.01	Snowplowable Raised Pavement Markers

PROJECT NO.	SHEET NO.	TOTAL NO.
44862.3.14	3	

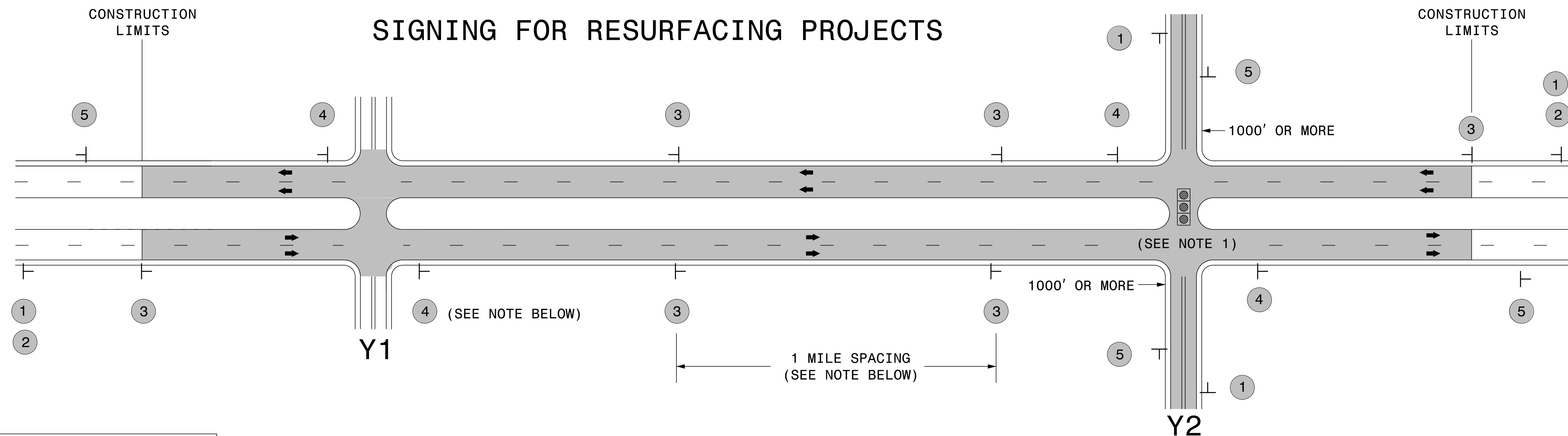
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1297000000-E	1523000000-E	1575000000-E	1577000000-E	1662000000-E	1840000000-E		
												1½" MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)		
												MI	FT	SY	TONS	TONS	TONS	TON	LF
44862.3.14	Macon	1	US-23 S	FROM 0.75 MILES WEST OF MACON/JACKSON COUNTY LINE TO THE MACON/JACKSON COUNTY LINE	1	5	MU	NO	NO	0.75	60	1,775	150	10	72	1,188	7,920		
TOTAL FOR MAP NO. 1										0.75		1,775	150	10	72		7,920		
44862.3.14	Jackson	2	US-23 S	FROM MACON/JACKSON COUNTY LINE TO SR-1300 (PUMPKINTOWN RD)		5	MU	NO	YES	2.23	60	5,325	450	29	218	3,566	23,760		
TOTAL FOR MAP NO. 2										2.23		5,325	450	29	218	3,566	23,760		
TOTAL FOR PROJ NO. 44862.3.14										2.98		7,100	600	39	290	4,754	31,680		
GRAND TOTAL										2.98		7,100	600	39	290	4,754	31,680		

PROJECT NO.	SHEET NO.	TOTAL NO.
44862.3.14	4	

THERMOPLASTIC AND PAINT QUANTITIES

										4457000000-N	4688000000-E		4905100000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKERS
								MI	FT				
44862.3.14	Macon	1	US-23 S	FROM 0.75 MILES WEST OF MACON/JACKSON COUNTY LINE TO THE MACON/JACKSON COUNTY LINE	1	5	MU	0.75	60		9,900	9,900	213.00
TOTAL FOR MAP NO. 1							0.75				9,900	9,900	213.00
44862.3.14	Jackson	2	US-23 S	FROM MACON/JACKSON COUNTY LINE TO SR-1300 (PUMPKINTOWN RD)		5	MU	2.23	60	1	29,700	29,700	637.00
TOTAL FOR MAP NO. 2							2.23			1	29,700	29,700	637.00
TOTAL FOR PROJ NO. 44862.3.14							2.98			1	39,600	39,600	850.00
											79,200		
GRAND TOTAL							2.98			1	39,600	39,600	850.00
											79,200		



LEGEND	
T	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	1	 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.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <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; align-items: center;"> <div style="text-align: center;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	2	 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	 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 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	
	4	 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	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.		

NOTES:

- 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.



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