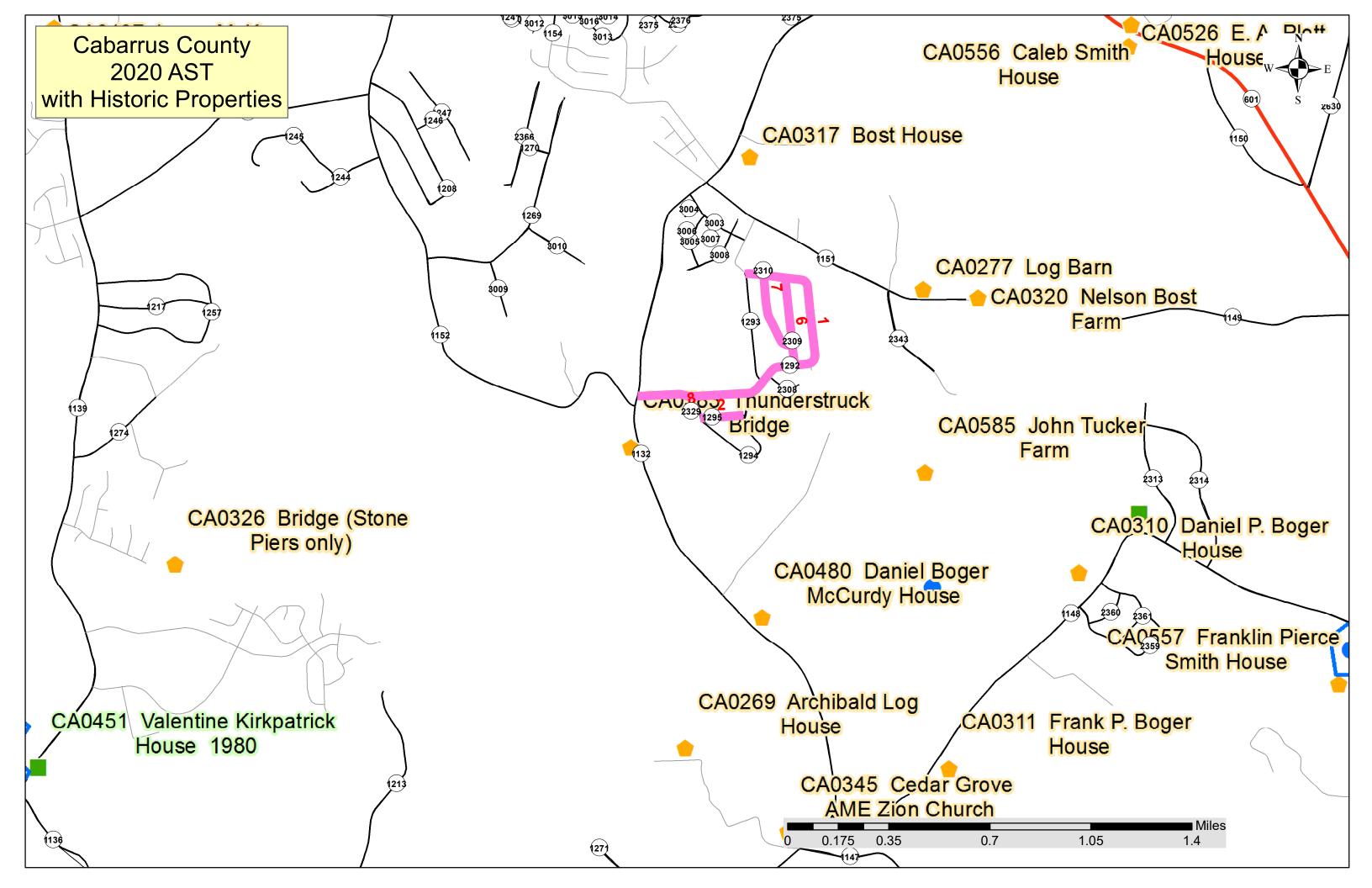
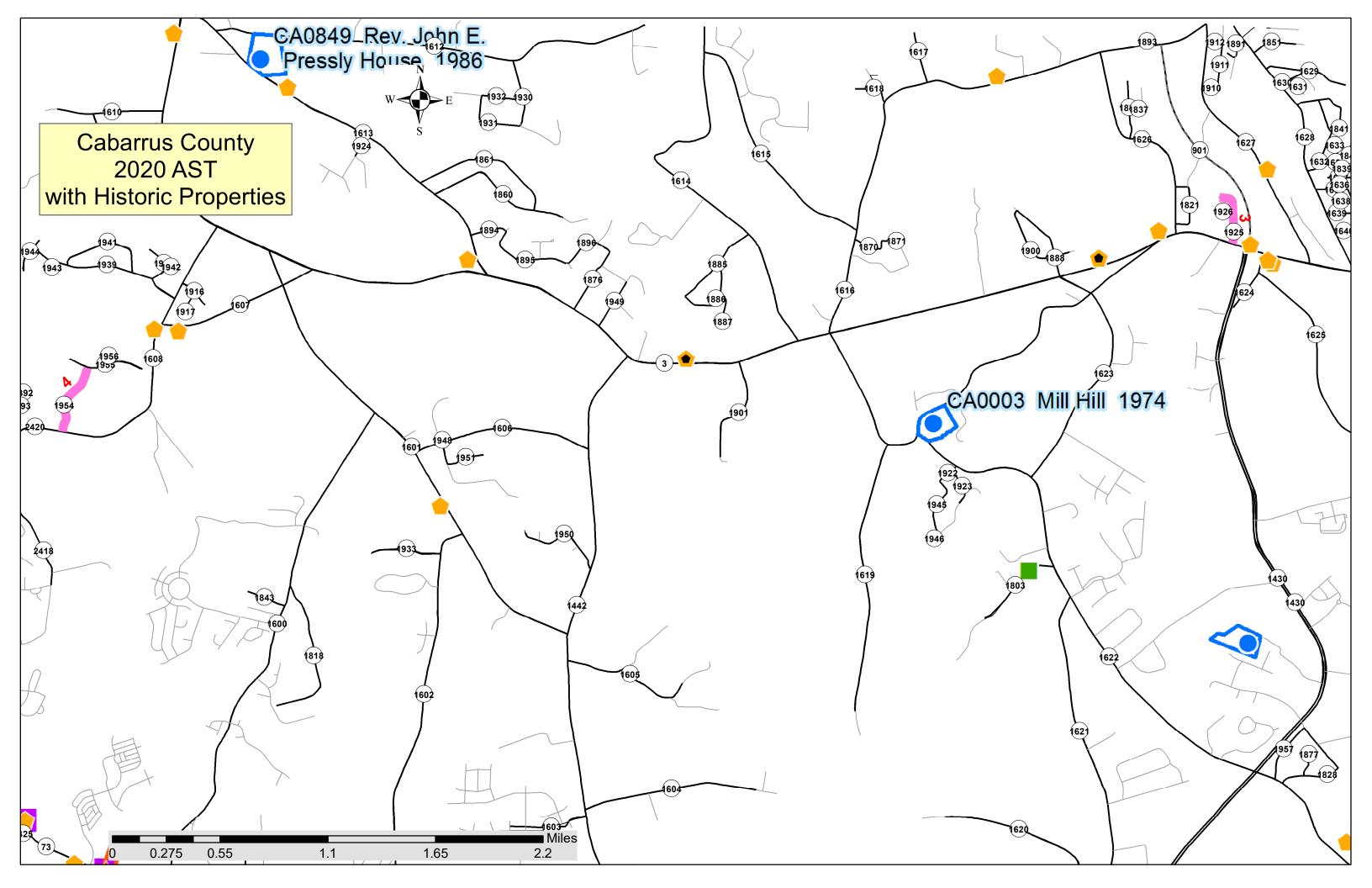
PROJECT NO.	SHEET NO.	TOTAL NO.
	1	7
2020CPT.10.06.20132		

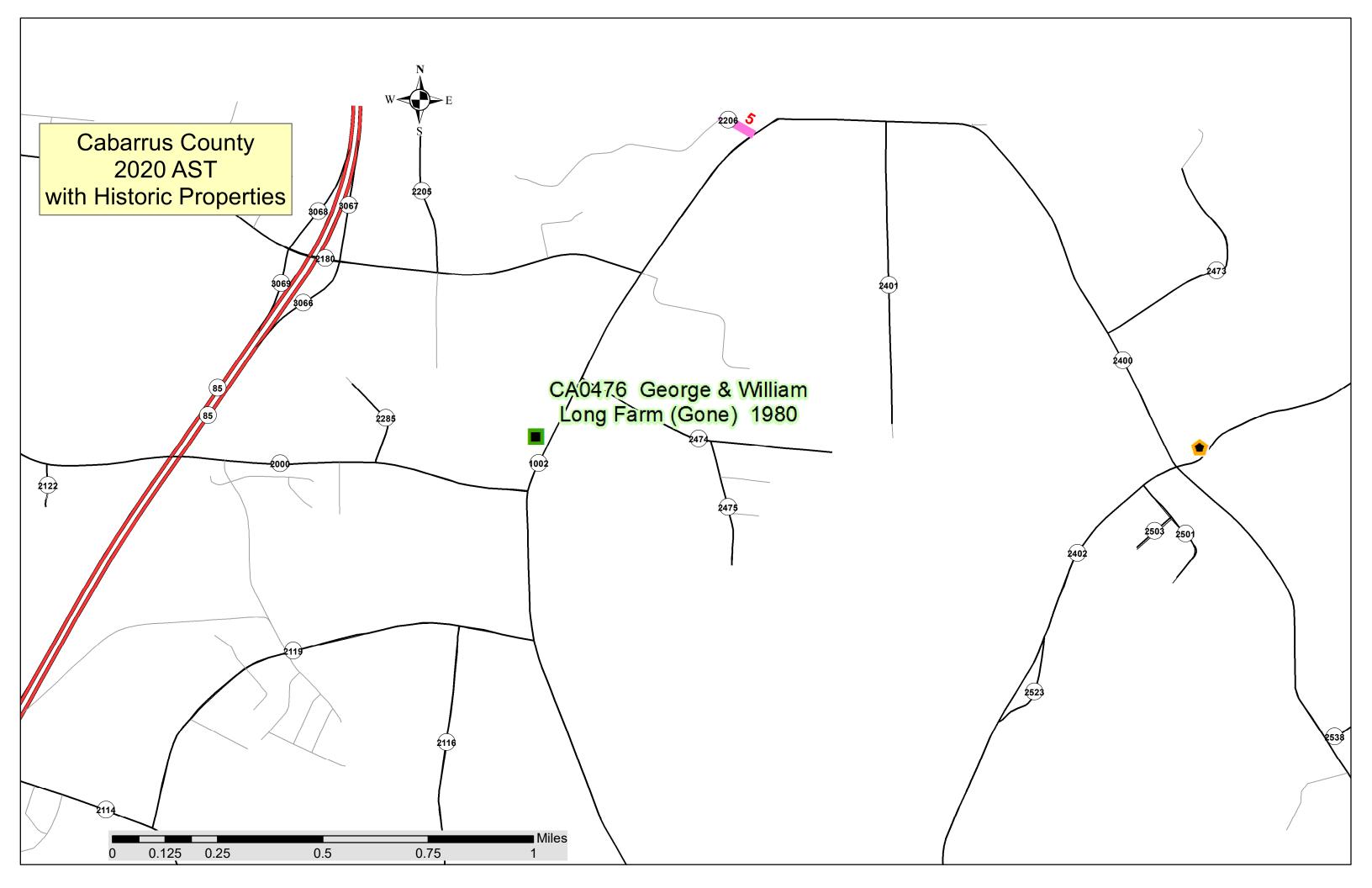
### SUMMARY OF QUANTITIES

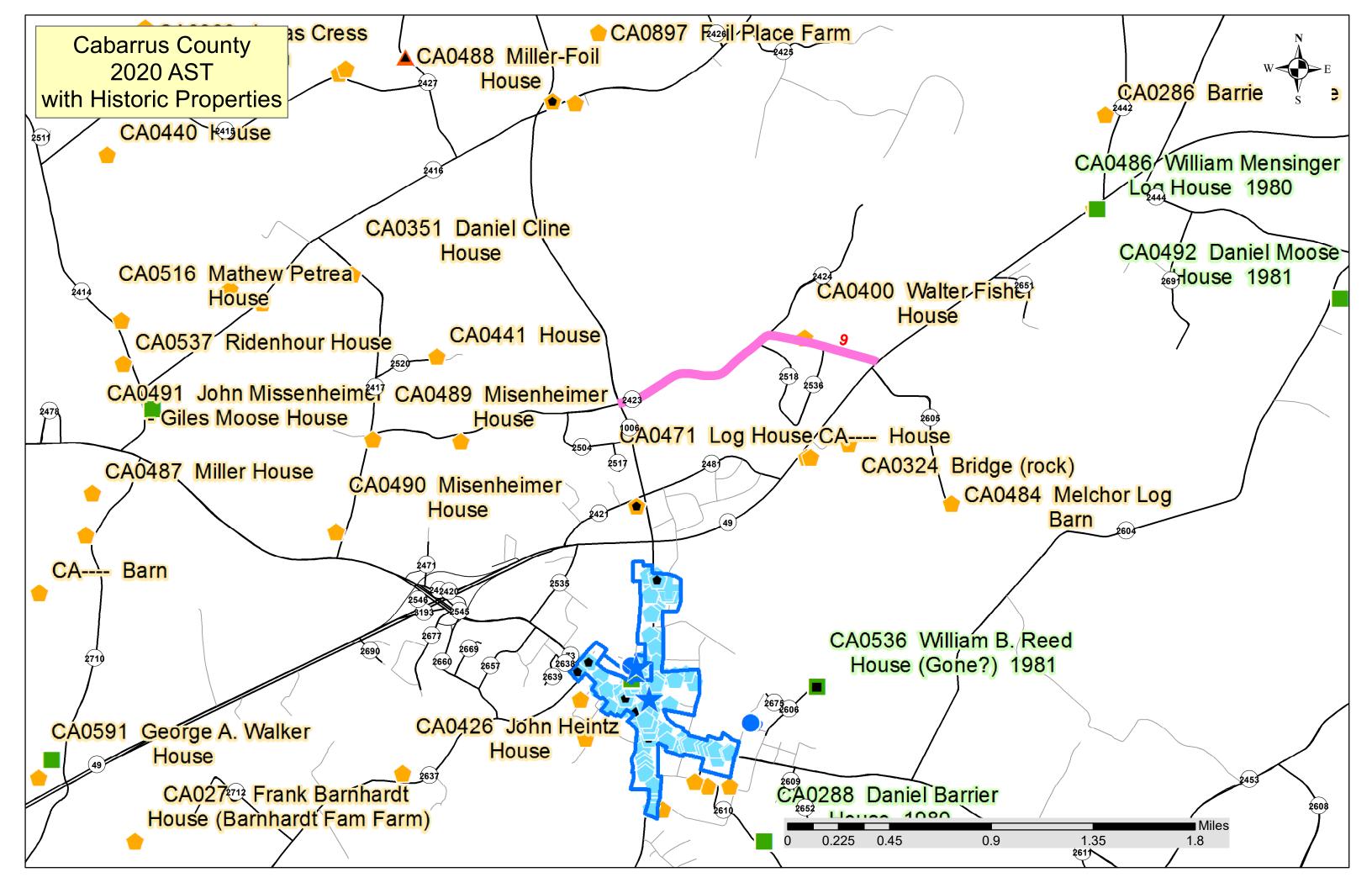
												1803500000-E	182000000-E	1838000000-E	2143000000-E	4413000000-E	4457000000-N
PROJECT NO	COUNTY	MAP	ROUTE	DESCRIPTION	BEGIN	END MP	LANES	FINAL	WARM MIX	LENGTH	WIDTH	ASPHALT	ASPHALT	EMULSION	BLOTTING	WORK ZONE	TEMPORARY TRAFFIC
		NO			MP			SURFACE	ASPHALT			SURFACE	SURFACE	FOR ASPHALT	SAND	ADVANCE/GEN	CONTROL
								TESTING	REQUIRED			TREATMENT,	TREATMENT,	SURFACE		ERAL	
								REQUIRED				DOUBLE SEAL	FOG SEAL	TREATMENT		WARNING	
																SIGNING	
										MI	FT	SY	SY	GAL	TON	SF	LS
				FROM (SR 1132) FLOWES STORE RD TO (SR 1293)													
2020CPT.10.06.20132	Cabarrus	1	(SR 1292) BOSTWOOD LANE	MEETING ST	0.00	1.15	2	NO	NO	1.15	22	14,779	14,779	8,128		40	
TOTAL FOR MAP NO. 1										1.15		14,779	14,779	8,128		40	
				FROM (SR 1294) CLARA CIRCLE TO (SR 1294) CLARA													
2020CPT.10.06.20132	Cabarrus	2	(SR 1295) WATSON DR	CIRCLE	0.00	0.15	2	NO	NO	0.15	19	1,672	1,672	920		40	
TOTAL FOR MAP NO. 2										0.15		1,672	1,672	920		40	
2020CPT.10.06.20132	Cabarrus	3	(SR 1925) RANDOLPH ROAD	FROM NC 3 TO DEAD END	0.00	0.29	2	NO	NO	0.29	20	3,344	3,344	1,839		40	
TOTAL FOR MAP NO. 3										0.29		3,344	3,344	1,839		40	
				FROM (SR 1608) DAVIDSON DR TO (SR 1955) HIDDEN													
2020CPT.10.06.20132	Cabarrus	4	(SR 1954) GRANITE HILL DRIVE	FOREST LN	0.00	0.37	2	NO	NO	0.37	22	4,775	4,775	2,627		40	
TOTAL FOR MAP NO. 4										0.37		4,775	4,775	2,627		40	
2020CPT.10.06.20132	Cabarrus	5	(SR 2206) GOLDFISH RD	FROM (SR 1002) OLD-SALS RD TO ROWAN COUNTY LN	0.00	0.09	2	NO	NO	0.09	20	997	997	549		40	
TOTAL FOR MAP NO. 5										0.09		997	997	549		40	
				FROM (SR 1292) BOSTWOOD LN TO (SR 1292													
2020CPT.10.06.20132	Cabarrus	6	(SR 2309) ASHLEY DR	BOSTWOOD LN	0.00	0.30	2	NO	NO	0.3	20	3,520	3,520	1,936		40	
TOTAL FOR MAP NO. 6										0.3		3,520	3,520	1,936		40	
2020CPT.10.06.20132	Cabarrus	7	(SR 2310) VANDERHORST DRIVE	FROM (SR 2309) ASHLEY DR TO (SR 1292) BOSTWOOD LN	0.00	0.28	2	NO	NO	0.28	20	3,285	3,285	1,807		40	
TOTAL FOR MAP NO. 7										0.28		3,285	3,285	1,807		40	
2020CPT.10.06.20132	Cabarrus	8	(SR 2329) MARILYN CT	(SR 1294) CLARA CIRCLE TO CUL-DE-SAC	0.00	0.05	2	NO	NO	0.05	19	557	557	307		40	
TOTAL FOR MAP NO. 8										0.05		557	557	307		40	
2020CPT.10.06.20132	Cabarrus	9	(SR 2423) FISHER ROAD	FROM NC 49 TO (SR 1006) MT. PLEASANT RD	0.00	1.26	2	NO	NO	1.26	20	14,784		8,131		40	
TOTAL FOR MAP NO. 9										1.26		14,784		8,131		40	
FOR PROJ NO. 2020CPT.10.0	6.20132									3.94		47,713	32,929	26,244		360	
GRAND TOTAL										3.94		47,713	32,929	26,244	10.00	360	1

Note: The Contractor shall not park equipment or work outside of the existing right of way in Historic Areas.



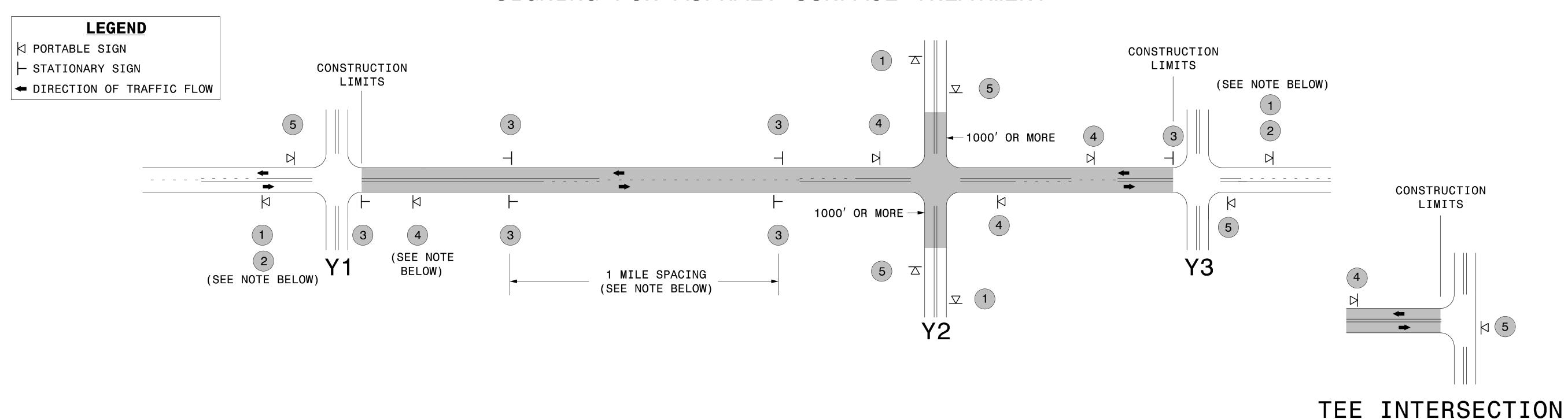






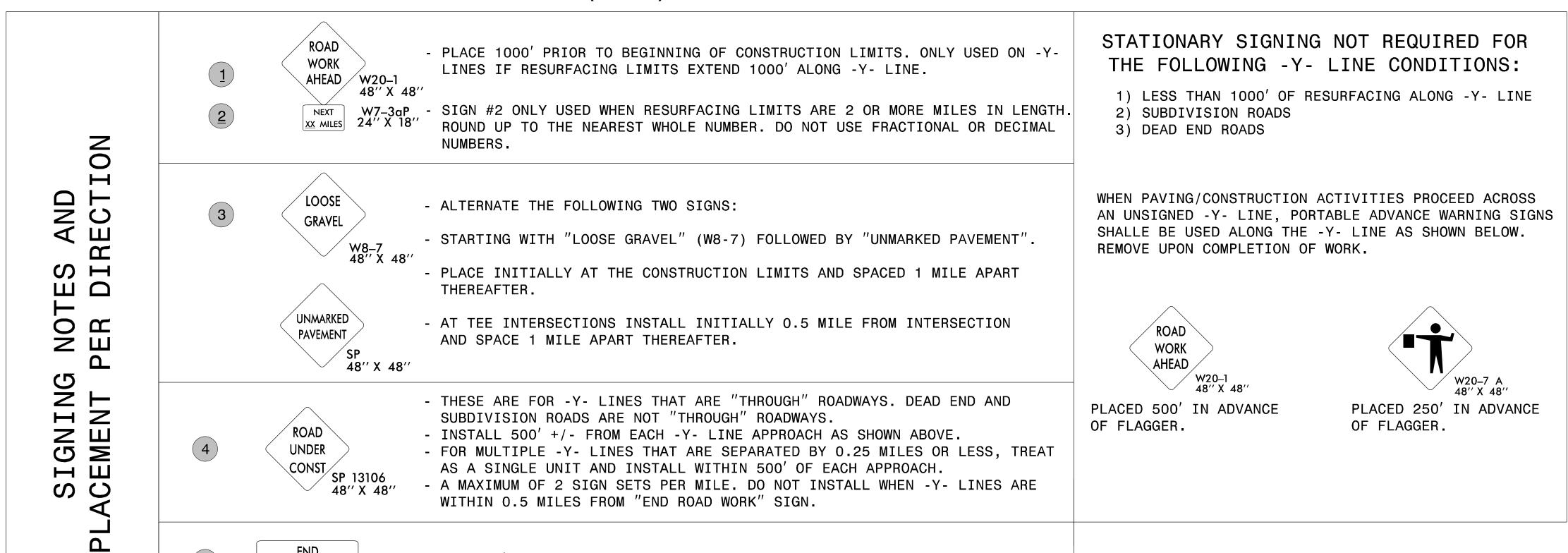
PROJ. REFERENCE NO. SHEET NO.

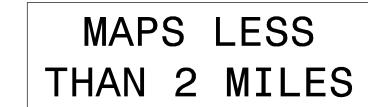
### SIGNING FOR ASPHALT SURFACE TREATMENT



# MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING





ROAD WORK

G20–2 A 48'' X 24''

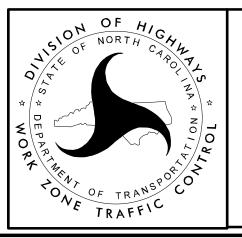
START OF CONTRACT WORK.

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.

WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

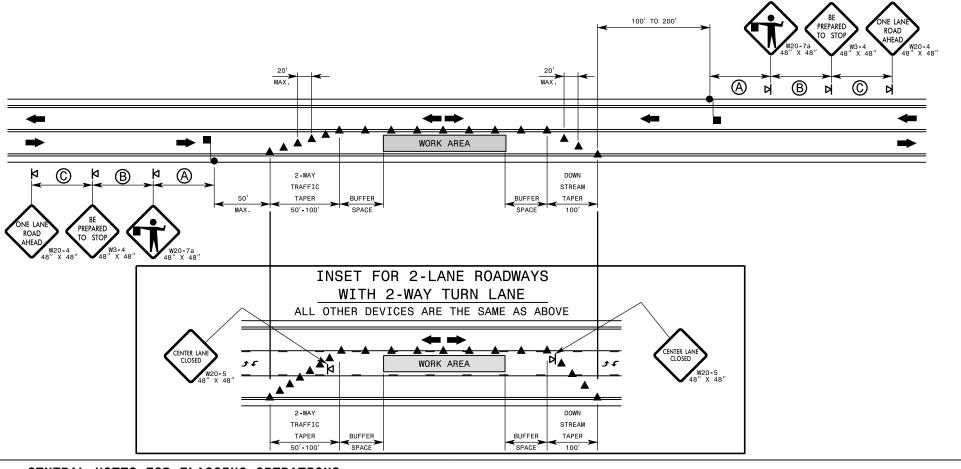
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE

PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN



ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT

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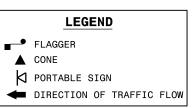
#### **GENERAL NOTES FOR FLAGGING OPERATIONS**

- 1- REFER TO RSD. 1101.11, SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. 2-
- 3- REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- 4- PLACE CONES THRU THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- 5- EXTEND LANE CLOSURES AT THE BUFFER SPACE SUCH THAT STOPPING SIGHT DISTANCE IS PROVIDED TO THE FLAGGER (REFER TO RSD. 1101.11, SHEET 2).
- 6- DO NOT STOP TRAFFIC IN ANY ONE DIRECTION FOR MORE THAN 5 MINUTES AT A TIME.
- 7- DRUMS OR SKINNY DRUMS MAY BE USED IN LIEU OF CONES. REFER TO RSD. 1180.01 FOR SKINNY DRUM REQUIREMENTS.
- USE FLAGGERS TO CONTROL TRAFFIC AT INTERSECTIONS AFFECTED BY THE LANE CLOSURE. SUPPLEMENT FLAGGERS LOCATED AT INTERSECTIONS WITH FLAGGER AHEAD SIGNS (W20-7a) PLACED APPROXIMATELY 250 FT. IN ADVANCE OF THE FLAGGER. FOR SIGNALIZED INTERSECTIONS PLACE SIGNALS IN THE FLASH MODE AND USE LAW ENFORCEMENT.
- 9- REFER TO THE CURRENT MUTCD FOR FLAGGER CONTROL, REQUIREMENTS, AND PROCEDURES.
- DO NOT EXCEED A 1 MILE LANE CLOSURE LENGTH UNLESS OTHERWISE SHOWN IN THE TMP OR AS DIRECTED BY THE ENGINEER.

11- IF VEHICLE QUEUES WILL REACH WITHIN 15' OF EITHER SIDE OF ACTIVE RAILROAD TRACKS, PROVIDE A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER TO PREVENT VEHICLES FROM STOPPING WITHIN THE GRADE CROSSING. PROVIDE OFFICER OR FLAGGER EVEN IF AUTOMATIC WARNING MEASURES ALREADY EXIST.

#### **GENERAL NOTES FOR PILOT CAR OPERATIONS**

- 1- USE PILOT CARS WHEN DIRECTED BY THE ENGINEER.
- 2- IF ROADWAY WIDTH IS LESS THAN 22 FEET (EOP TO EOP), CONES MAY NOT BE REQUIRED ALONG WORK AREA, AND AT THE DISCRETION OF THE ENGINEER, CONES MAY BE OMITTED ALONG THE WORK AREA IF USING A PILOT CAR.
- 3- CONES ARE ALWAYS REQUIRED IN THE UPSTREAM AND DOWNSTREAM TAPERS.
- MOUNT SIGN G20-4 "PILOT CAR FOLLOW ME" AT A CONSPICUOUS POSITION ON THE REAR OF THE PILOT VEHICLE.
- 5- DO NOT INSTALL MORE THAN ONE (1) MILE OF LANE CLOSURE, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- ADVISE RESIDENTS AND BUSINESSES WITHIN THE LANE CLOSURE LIMITS ABOUT METHODS OF SAFE EGRESS AND INGRESS FROM DRIVEWAYS DURING FLAGGING AND PILOT CAR OPERATIONS.



CLOSED FOR RE 080 DRAWING OADWAY N STANDARD ĕ *IEMPORAR* ROADWAY  $\alpha$ 

NORTH CAROLINA OF TRANSPORTATION /ISION OF HIGHWAYS RALEIGH, N.C.

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