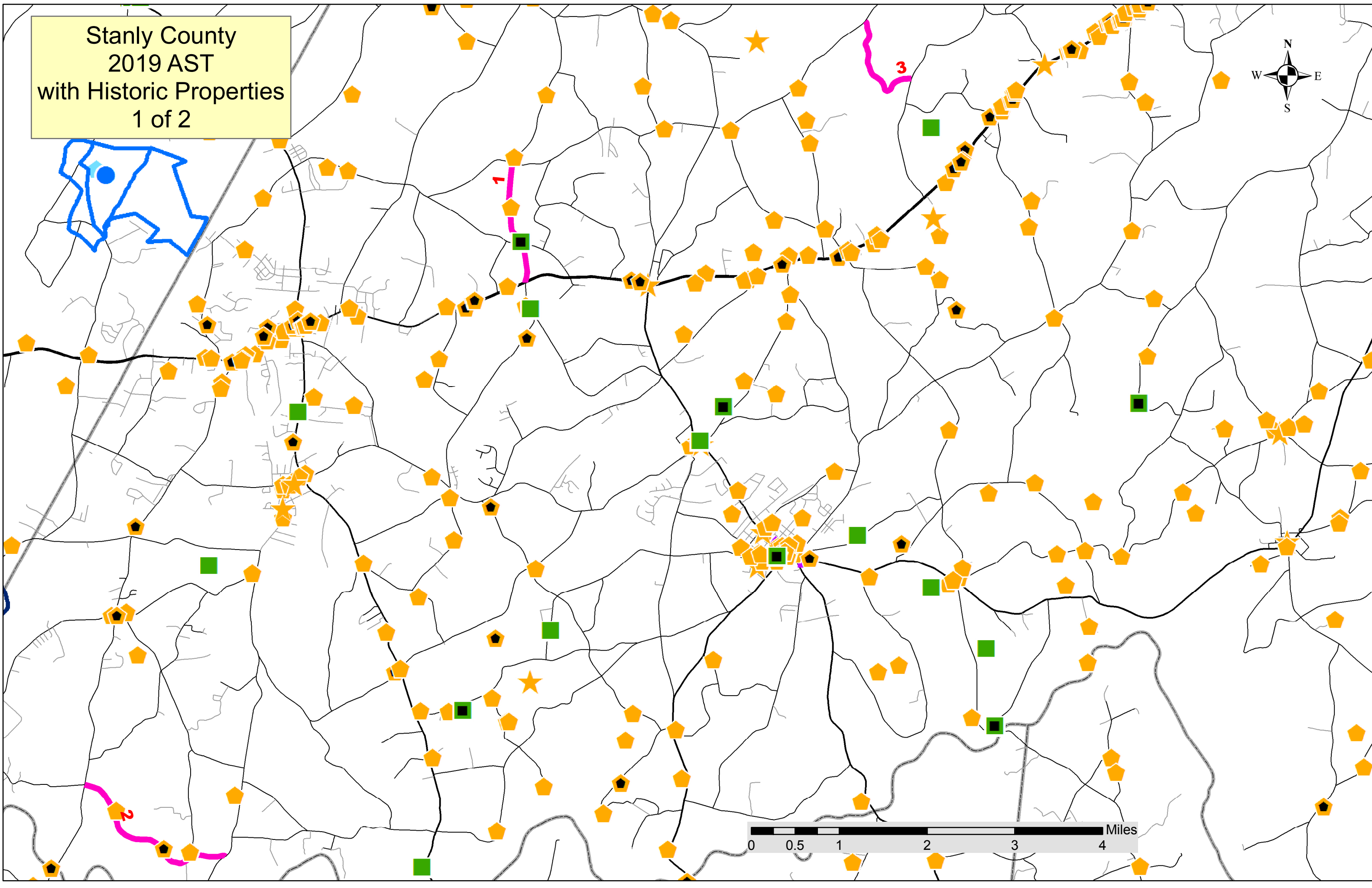
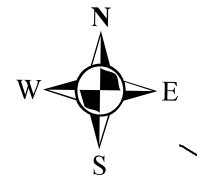
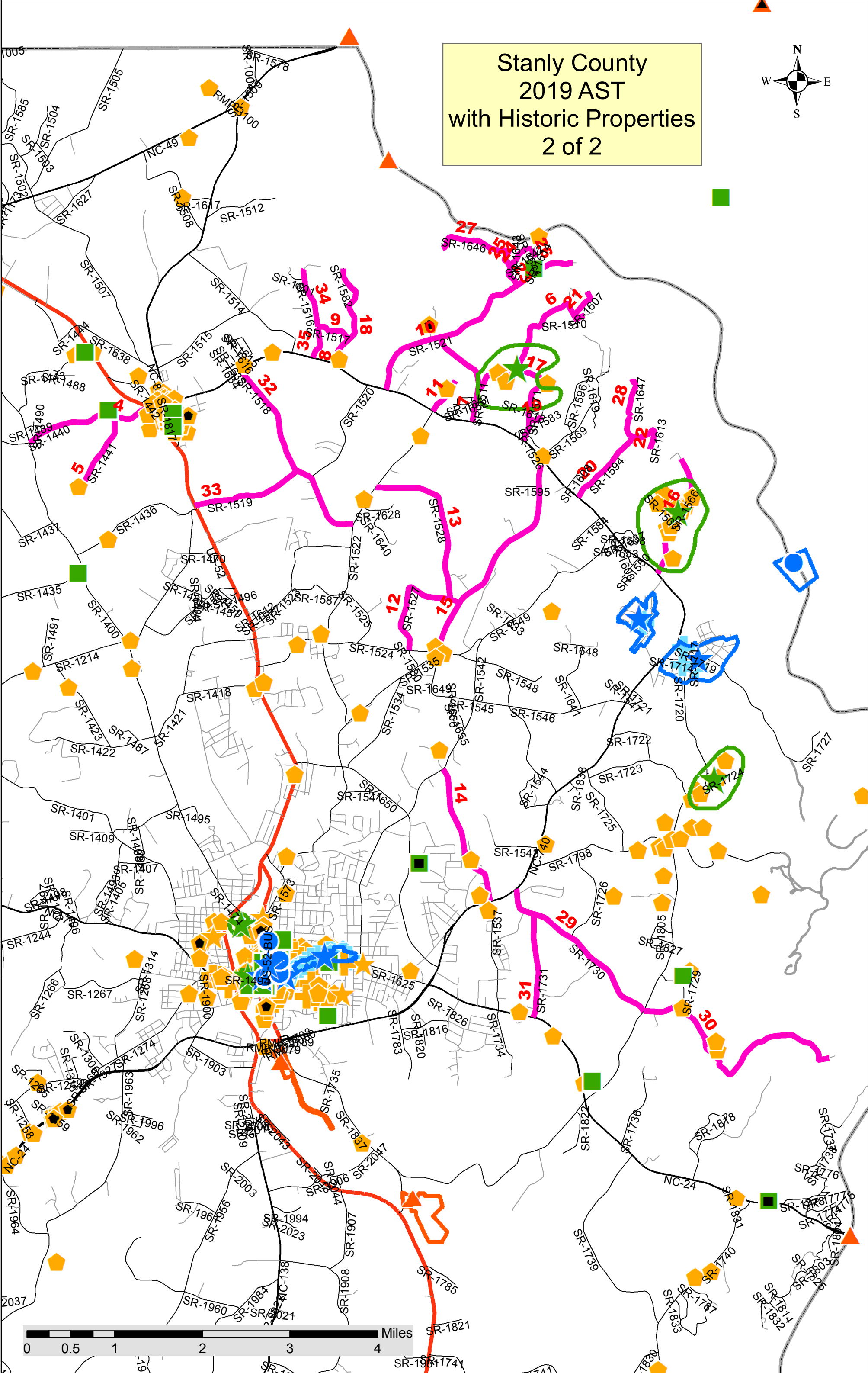
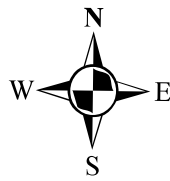


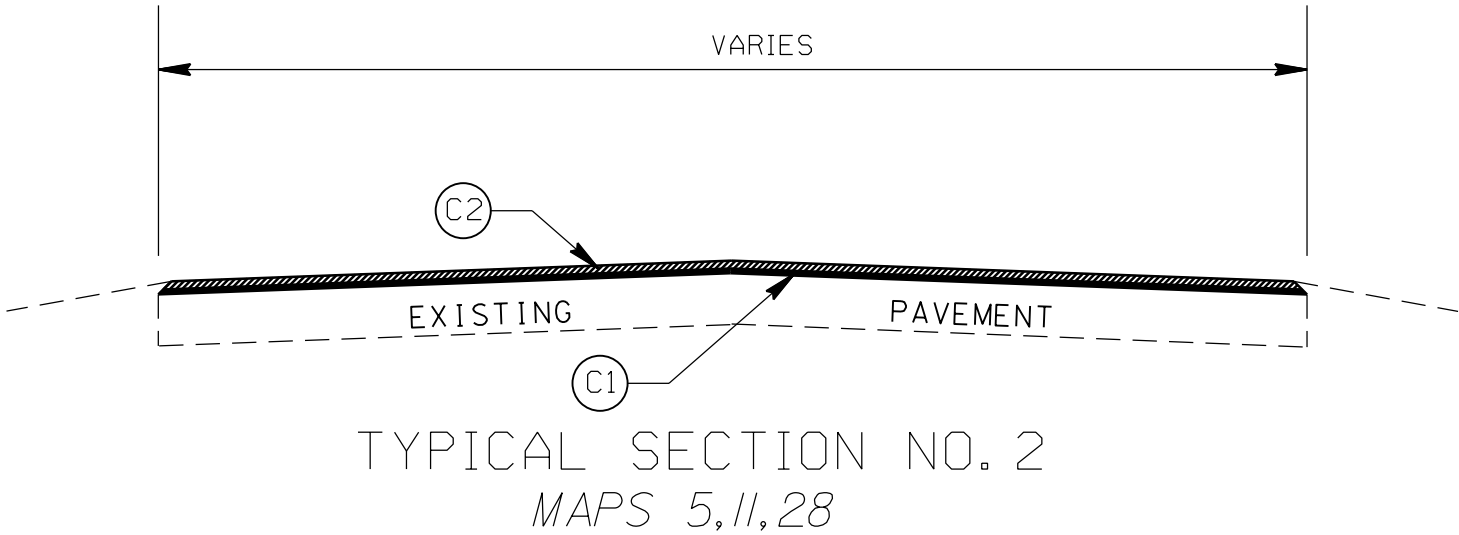
Stanly County
2019 AST
with Historic Properties
1 of 2



Stanly County
2019 AST
with Historic Properties
2 of 2

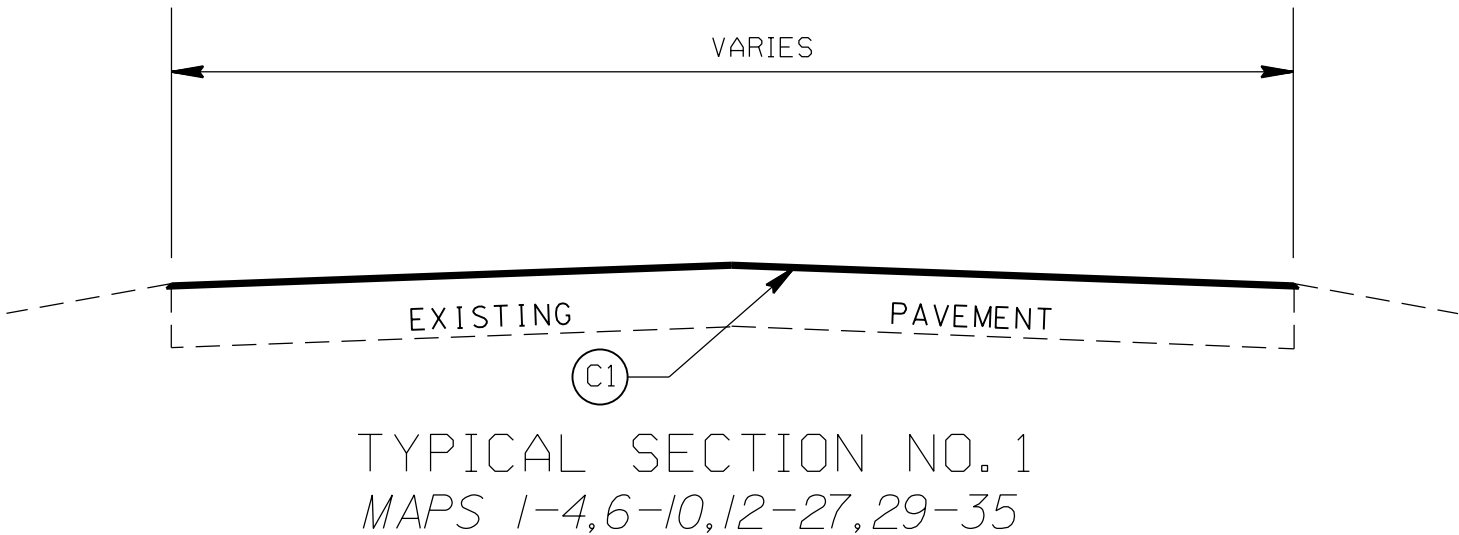



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.10.03.20842.1	3	
F.A. PROJECT NO.			



PAVEMENT SCHEDULE

C1	ASPHALT SURFACE TREATMENT
C2	FOG SEAL



STANLY COUNTY AST 2019				
SCALE	NTS		REVISIONS	
DATE	1-11-2018			
DWG. BY	TBL			
DESIGN BY	TWB			
APPROVED	TWB			

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.10.05.20842.1	4	7

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	BEGIN MP	END MP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1803500000-E	1820000000-E	1836500000-E	1838000000-E	2143000000-E	4413000000-E	4457000000-N
												ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	ASPHALT SURFACE TREATMENT, TRIPLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	BLOTTING SAND	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL
										MI	FT	SY	SY	SY	GAL	TON	SF	LS
2018CPT.10.05.20842.1	Stanly	1	RUNNING CREEK RD (SR 1134)	FROM NC 24/27 TO AUSTIN RD (SR 1214)	2.49	3.92	2	NO	NO	1.43	18	15,101			8,305		64	
TOTAL FOR MAP NO. 1										1.43		15,101			8,305		64	
2018CPT.10.05.20842.1	Stanly	2	TITE RD (SR 1152)	FROM RENEE FORD RD (SR 1140) TO LOVE MILL RD (SR 1001)	1.57	3.65	2	NO	NO	2.09	19.5	23,910			13,150		96	
TOTAL FOR MAP NO. 2										2.09		23,910			13,150		96	
2018CPT.10.05.20842.1	Stanly	3	BURRIS RD (SR 1252)	FROM AUSTIN RD (SR 1214) TO SAM RD (SR 1253)	0.00	1.25	2	NO	NO	1.25	19	13,933			7,663		64	
TOTAL FOR MAP NO. 3										1.25		13,933			7,663		64	
2018CPT.10.05.20842.1	Stanly	4	STEAKHOUSE RD (SR 1440)	FROM NC 52 TO OLD SALISBURY RD (SR 1400)	0.00	1.51	2	NO	NO	1.51	18	15,946			8,770		64	
TOTAL FOR MAP NO. 4										1.51		15,946			8,770		64	
2018CPT.10.05.20842.1	Stanly	5	BLALOCK RD (SR 1441)	FROM STEAKHOUSE RD (SR 1440) TO DEAD END	0.00	0.93	2	NO	NO	0.93	20.5	11,185	11,185		6,152		64	
TOTAL FOR MAP NO. 5										0.93		11,185			6,152		64	
2018CPT.10.05.20842.1	Stanly	6	HARPER HEARNE RD (SR 1510)	FROM MOSS LN (SR 1571) TO THE END OF MAINTENANCE	0.00	1.35	2	NO	NO	1.35	20	15,840			8,712		64	
TOTAL FOR MAP NO. 6										1.35		15,840			8,712		64	
2018CPT.10.05.20842.1	Stanly	7	YADKIN BRICK RD (SR 1511)	FROM NC 740 TO OLD WHITNEY RD (SR 1521)	0.00	1.16	2	NO	NO	1.16	17	11,569			6,363		64	
TOTAL FOR MAP NO. 7										1.16		11,569			6,363		64	
2018CPT.10.05.20842.1	Stanly	8	LEDBETTER RD (SR 1517)	FROM NC 740 TO LEDBETTER RD (SR 1582)	0.00	0.34	2	NO	NO	0.34	19	3,790			2,084		64	
TOTAL FOR MAP NO. 8										0.34		3,790			2,084		64	
2018CPT.10.05.20842.1	Stanly	9	HOPKINS RD (SR 1517)	FROM LEDBETTER RD (SR 1582) TO FISH CAMP RD (SR 1516)	0.34	0.76	2	NO	NO	0.42	20	4,928			2,710		64	
TOTAL FOR MAP NO. 9										0.42		4,928			2,710		64	
2018CPT.10.05.20842.1	Stanly	10	OLD WHITNEY RD (SR 1521)	FROM NC 740 TO THE END OF MAINTENANCE	0.00	2.81	2	NO	NO	2.81	20	32,971			18,134		96	
TOTAL FOR MAP NO. 10										2.81		32,971			18,134		96	
2018CPT.10.05.20842.1	Stanly	11	MOUNTAIN CREEK RD (SR 1522)	FROM NC 740 TO DEAD END	4.01	4.45	2	NO	NO	0.44	20	5,163	5,163		2,839		64	
TOTAL FOR MAP NO. 11										0.44		5,163			2,839		64	
2018CPT.10.05.20842.1	Stanly	12	MELTON RD (SR 1527)	FROM AIRPORT RD (SR 1524) TO BARNHARDT RD (SR 1545)	0.00	1.38	2	NO	NO	1.38	17	13,763			7,570		64	
TOTAL FOR MAP NO. 12										1.38		13,763			7,570		64	
2018CPT.10.05.20842.1	Stanly	13	TOWER RD (SR 1528)	FROM MELTON RD (SR 1527) TO MOUNTAIN CREEK RD (SR 1522)	0.00	1.92	2	NO	NO	1.92	20	22,528			12,390		64	
TOTAL FOR MAP NO. 13										1.92		22,528			12,390		64	
2018CPT.10.05.20842.1	Stanly	14	LATON RD (SR 1537)	FROM RIDGE RD (SR 1542) TO NC 740	0.00	1.67	2	NO	NO	1.67	18	17,635			9,699		64	
TOTAL FOR MAP NO. 14										1.67		17,635			9,699		64	
2018CPT.10.05.20842.1	Stanly	15	BARNHARDT RD (SR 1545)	FROM NC 740 TO AIRPORT RD (SR 1524)	0.00	2.65	2	NO	NO	2.65	17	26,429			14,536		96	
TOTAL FOR MAP NO. 15										2.65		26,429			14,536		96	
2018CPT.10.05.20842.1	Stanly	16	PALMERVILLE RD (SR 1566)	FROM NC 740 TO THE END OF MAINTENANCE	0.00	1.44	2	NO	NO	1.44	19	16,051			8,828		64	
TOTAL FOR MAP NO. 16										1.44		16,051			8,828		64	
2018CPT.10.05.20842.1	Stanly	17	MOSS LN (SR 1571)	FROM NC 740 TO YADKIN BRICK RD (SR 1511)	0.00	1.71	2	NO	NO	1.71	20	20,064			11,035		64	
TOTAL FOR MAP NO. 17										1.71		20,064			11,035		64	
2018CPT.10.05.20842.1	Stanly	18	LEDBETTER RD (SR 1582)	FROM HOPKINS RD (SR 1517) TO DEAD END	0.00	0.94	2	NO	NO	0.94	19	10,478			5,763		64	
TOTAL FOR MAP NO. 18										0.94		10,478			5,763		64	
2018CPT.10.05.20842.1	Stanly	19	ISEN RD (SR 1583)	FROM MOSS LN (SR 1571) TO DEAD END	0.00	0.16	2	NO	NO	0.16	18	1,690			929		64	
TOTAL FOR MAP NO. 19										0.16		1,690			929		64	
2018CPT.10.05.20842.1	Stanly	20	SHADY REST RD (SR 1594)	FROM NC 740 TO CANAL RD (SR 1613)	0.00	0.94	2	NO	NO	0.94	19	10,478			5,763		64	
TOTAL FOR MAP NO. 20										0.94		10,478			5,763		64	
2018CPT.10.05.20842.1	Stanly	21	CATFISH RD (SR 1607)	FROM HARPER HEARNE RD (SR 1510) TO THE END OF MAINTENANCE	0.00	0.36	2	NO	NO	0.36	18	3,802			2,091		64	
TOTAL FOR MAP NO. 21										0.36		3,802			2,091		64	
2018CPT.10.05.20842.1	Stanly	22	CANAL RD (SR 1613)	FROM SNIDER RD (SR 1647) TO THE END OF MAINTENANCE	0.00	0.77	2	NO	NO	0.77	20	9,035			4,969		64	
TOTAL FOR MAP NO. 22										0.77		9,035			4,969		64	
2018CPT.10.05.20842.1	Stanly	23	FIRST GATE RD (SR 1642)	FROM OLD WHITNEY RD (SR 1521) TO WHITNEY PLACE RD (SR 1643)	0.00	0.25	2	NO	NO	0.25	17	2,493			1,371		64	
TOTAL FOR MAP NO. 23										0.25		2,493			1,371		64	

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.10.05.20842.1	5	7


SUMMARY OF QUANTITIES


PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	BEGIN MP	END MP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1803500000-E	1820000000-E	1836500000-E	1838000000-E	2143000000-E	4413000000-E	4457000000-N
												ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	ASPHALT SURFACE TREATMENT, TRIPLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	BLOTTING SAND	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL
										MI	FT	SY	SY	SY	GAL	TON	SF	LS
2018CPT.10.05.20842.1	Stanly	24	TALL WHIT RD (SR 1642)	FROM WHITNEY PLACE RD (SR 1643) TO TRESTLE RD (SR 1644)	0.25	0.59	2	NO	NO	0.34	17	3,391			1,865		64	
TOTAL FOR MAP NO. 24										0.34		3,391			1,865		64	
2018CPT.10.05.20842.1	Stanly	25	WHITLEY PLACE RD (SR 1643)	FROM TALL WHIT RD (SR 1642) TO THE END OF MAINTENANCE	0.00	0.26	2	NO	NO	0.26	19	2,898			1,594		64	
TOTAL FOR MAP NO. 25										0.26		2,898			1,594		64	
2018CPT.10.05.20842.1	Stanly	26	TRESTLE RD (SR 1644)	FROM PUMPHOUSE RD (SR 1614) TO TALL WHIT RD (SR 1642)	0.00	0.10	2	NO	NO	0.1	17	997			549		64	
TOTAL FOR MAP NO. 26										0.1		997			549		64	
2018CPT.10.05.20842.1	Stanly	27	MOON SHINE DR (SR 1646)	FROM WHITNEY PLACE RD (SR 1643) TO THE END OF MAINTENANCE	0.00	0.87	2	NO	NO	0.87	18	9,187			5,053		64	
TOTAL FOR MAP NO. 27										0.87		9,187			5,053		64	
2018CPT.10.05.20842.1	Stanly	28	SNIDER RD (SR 1647)	FROM CANAL RD (SR 1613) TO THE END OF MAINTENANCE	0.00	0.46	2	NO	NO	0.46	19	5,127	5,127		2,820		64	
TOTAL FOR MAP NO. 28										0.46		5,127			2,820		64	
2018CPT.10.05.20842.1	Stanly	29	VICKERS STORE RD (SR 1730)	FROM NC 740 TO VALLEY DR (SR 1720)	0.00	2.12	2	NO	NO	2.12	20.5	25,497			14,023		96	
TOTAL FOR MAP NO. 29										2.12		25,497			14,023		96	
2018CPT.10.05.20842.1	Stanly	30	CLODFELTER RD (SR 1730)	FROM VALLEY DR (SR 1720) TO THE END OF MAINTENANCE	2.12	5.02	2	NO	NO	2.9	17	28,923			15,907		96	
TOTAL FOR MAP NO. 30										2.9		28,923			15,907		96	
2018CPT.10.05.20842.1	Stanly	31	SWEET HOME CH RD (SR 1731)	FROM VICKERS STORE RD (SR 1730) TO NC 24/27	0.00	1.19	2	NO	NO	1.19	20	13,963			7,679		64	
TOTAL FOR MAP NO. 31										1.19		13,963			7,679		64	
2018CPT.10.05.20842.1	Stanly	32	HEARNE RD (SR 1518)	FROM MT CREEK CH RD (SR 1522) TO HWY 740	0.00	2.34	2	NO	NO	2.34	20	27,456			15,101		96	
TOTAL FOR MAP NO. 32										2.34		27,456			15,101		96	
2018CPT.10.05.20842.1	Stanly	33	GENE RD (SR 1519)	FROM US 52 TO HEARNE RD (SR 1518)	0.00	1.27	2	NO	NO	1.27	20	14,901			8,196		64	
TOTAL FOR MAP NO. 33										1.27		14,901			8,196		64	
2018CPT.10.05.20842.1	Stanly	34	FISH CAMP RD (SR 1516)	FROM FISH CAMP RD (SR 1517) TO DEAD END	0.00	0.69	2	NO	NO	0.69	21			8,501	7,226		64	
TOTAL FOR MAP NO. 34										0.69				8,501	7,226		64	
2018CPT.10.05.20842.1	Stanly	35	FISH CAMP RD (SR 1517)	FROM FISH CAMP (SR 1516) TO NC 740	0.76	1.14	2	NO	NO	0.38	21			4,682	3,979		64	
TOTAL FOR MAP NO. 35										0.38				4,682	3,979		64	
TOTAL FOR PROJ NO. 2018CPT.10.05.20842.1										40.84		441,122	21,475	13,183	253,818	20	2,432	1
GRAND TOTAL										40.84		441,122	21,475	13,183	253,818	20	2,432	1


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

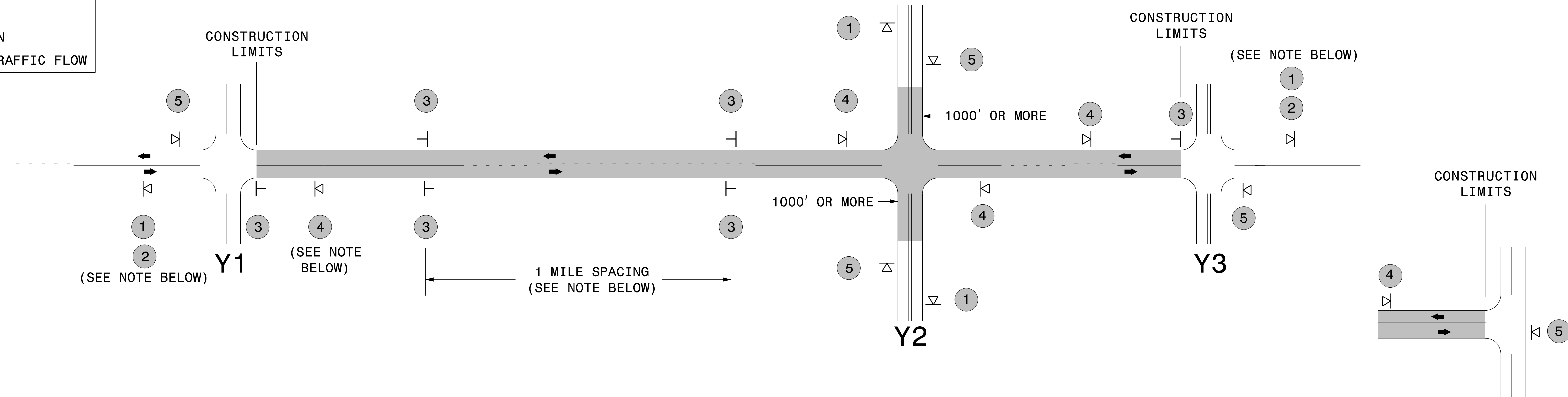
SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

 PORTABLE SIGN

 STATIONARY SIGN

 DIRECTION OF TRAFFIC FLOW



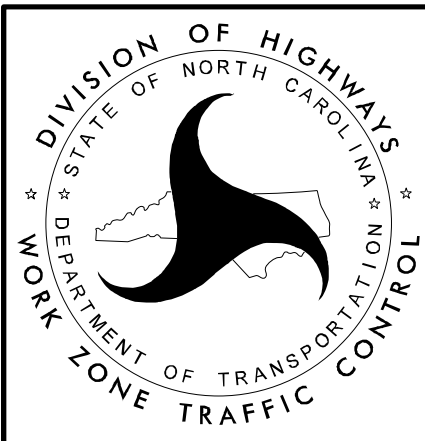
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

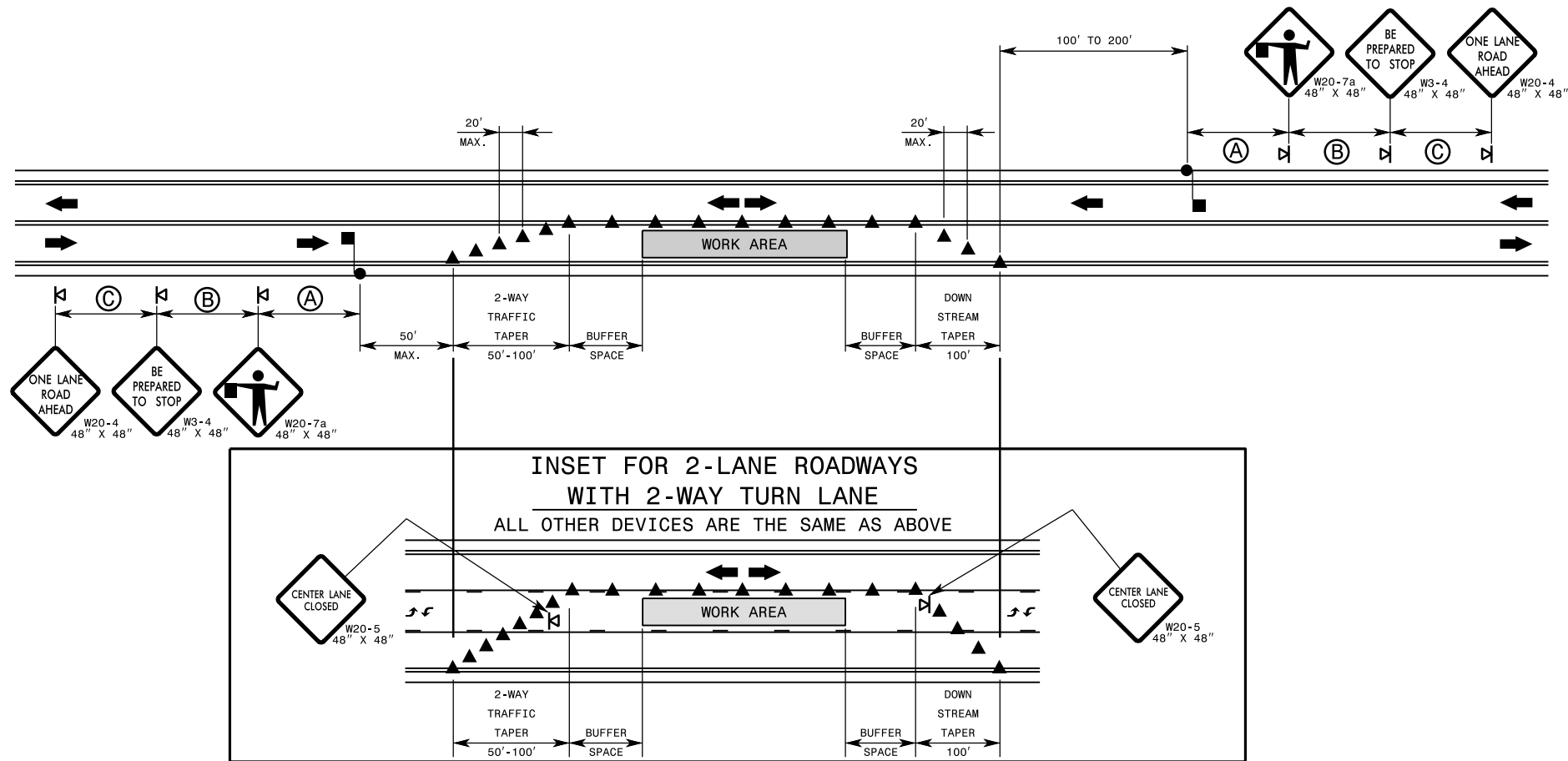
SIGNING NOTES AND PLACEMENT PER DIRECTION	<div><div>1</div><div><div><div>ROAD WORK AHEAD</div><div>W20-1 48" X 48"</div></div><div><div>NEXT XX MILES</div><div>W7-3aP 24" X 18"</div></div></div><div><div>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</div><div>- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.</div></div></div>	
	<div><div>3</div><div><div><div>LOOSE GRAVEL</div><div>W8-7 48" X 48"</div></div><div><div>UNMARKED PAVEMENT</div><div>SP 48" X 48"</div></div></div><div><div>- ALTERNATE THE FOLLOWING TWO SIGNS:</div><div>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</div><div>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</div><div>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</div></div></div>	
	<div><div>4</div><div><div><div>ROAD UNDER CONST</div><div>SP 13106 48" X 48"</div></div></div><div><div>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</div><div>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</div><div>- 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.</div><div>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</div></div></div>	
	<div><div>5</div><div><div>END ROAD WORK</div><div>G20-2 A 48" X 24"</div></div></div> <div><div>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</div></div>	
	<div>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 START OF CONTRACT WORK.</div>	
PS LESS 2 MILES	<div>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.</div>	

STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:	
<div>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</div> <div>2) SUBDIVISION ROADS</div> <div>3) DEAD END ROADS</div>	
<div>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALLE BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</div>	
<div><div><div>ROAD WORK AHEAD</div><div>W20-1 48" X 48"</div></div><div>PLACED 500' IN ADVANCE OF FLAGGER.</div></div>	<div><div><div><div></div><div></div></div><div>W20-7 A 48" X 48"</div></div><div>PLACED 250' IN ADVANCE OF FLAGGER.</div></div>

<div><div>DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</div></div>	<div>A</div> <div>ASF</div>
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ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT



GENERAL NOTES FOR FLAGGING OPERATIONS

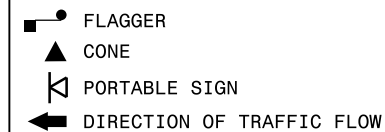
- 1- REFER TO RSD. 1101.11, SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
- 2- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC.
- 3- REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- 4- PLACE 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.
- 8- 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.
- 10- 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.
- 4- 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.
- 6- ADVISE RESIDENTS AND BUSINESSES WITHIN THE LANE CLOSURE LIMITS ABOUT METHODS OF SAFE EGRESS AND INGRESS FROM DRIVEWAYS DURING FLAGGING AND PILOT CAR OPERATIONS.

LEGEND



ROADWAY STANDARD DRAWING FOR

TEMPORARY LANE CLOSURES

2-LANE, 2-WAY ROADWAY-1 LANE CLOSED

1-18

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

SHEET 1 OF 14

1101.02