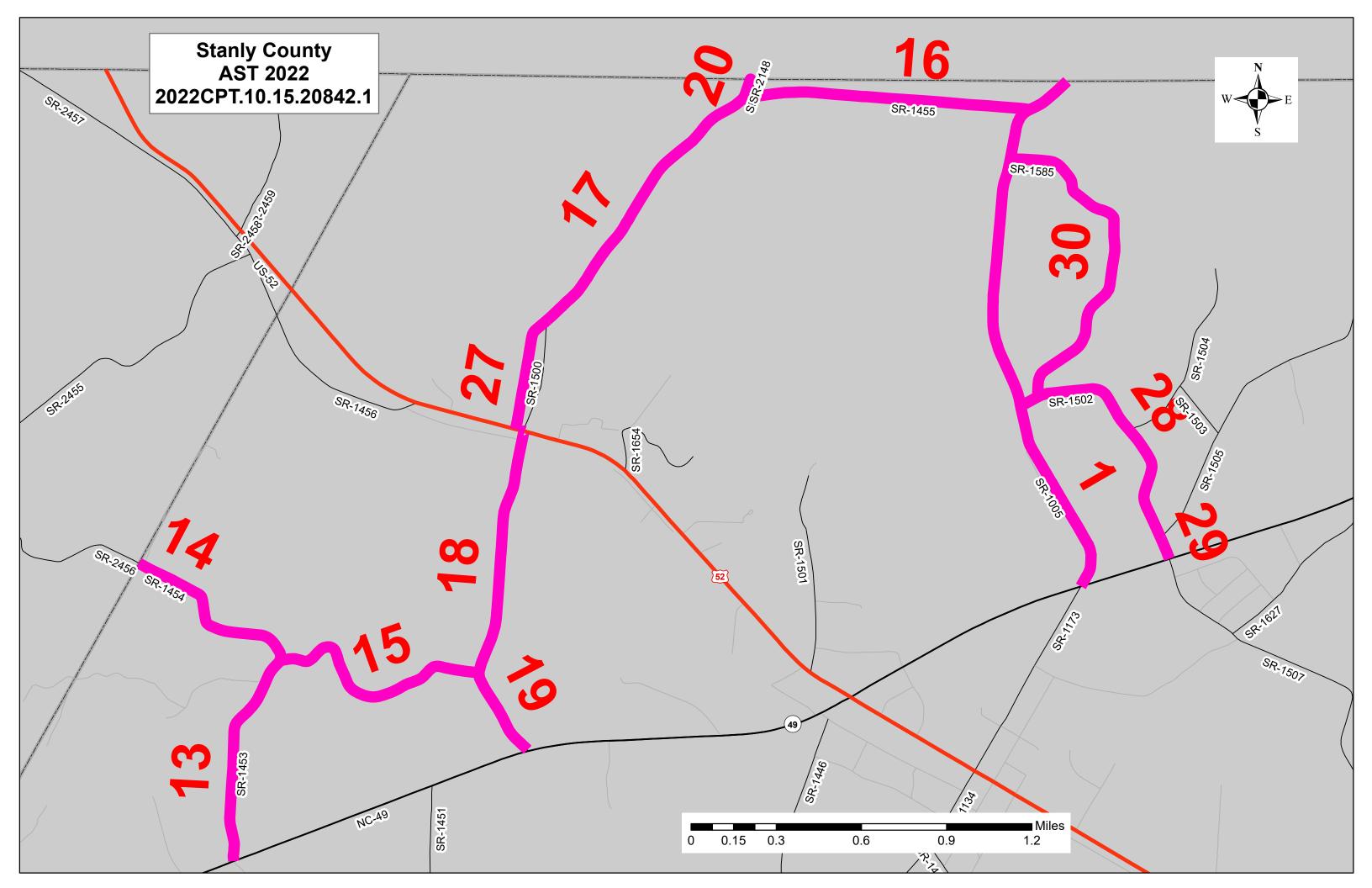
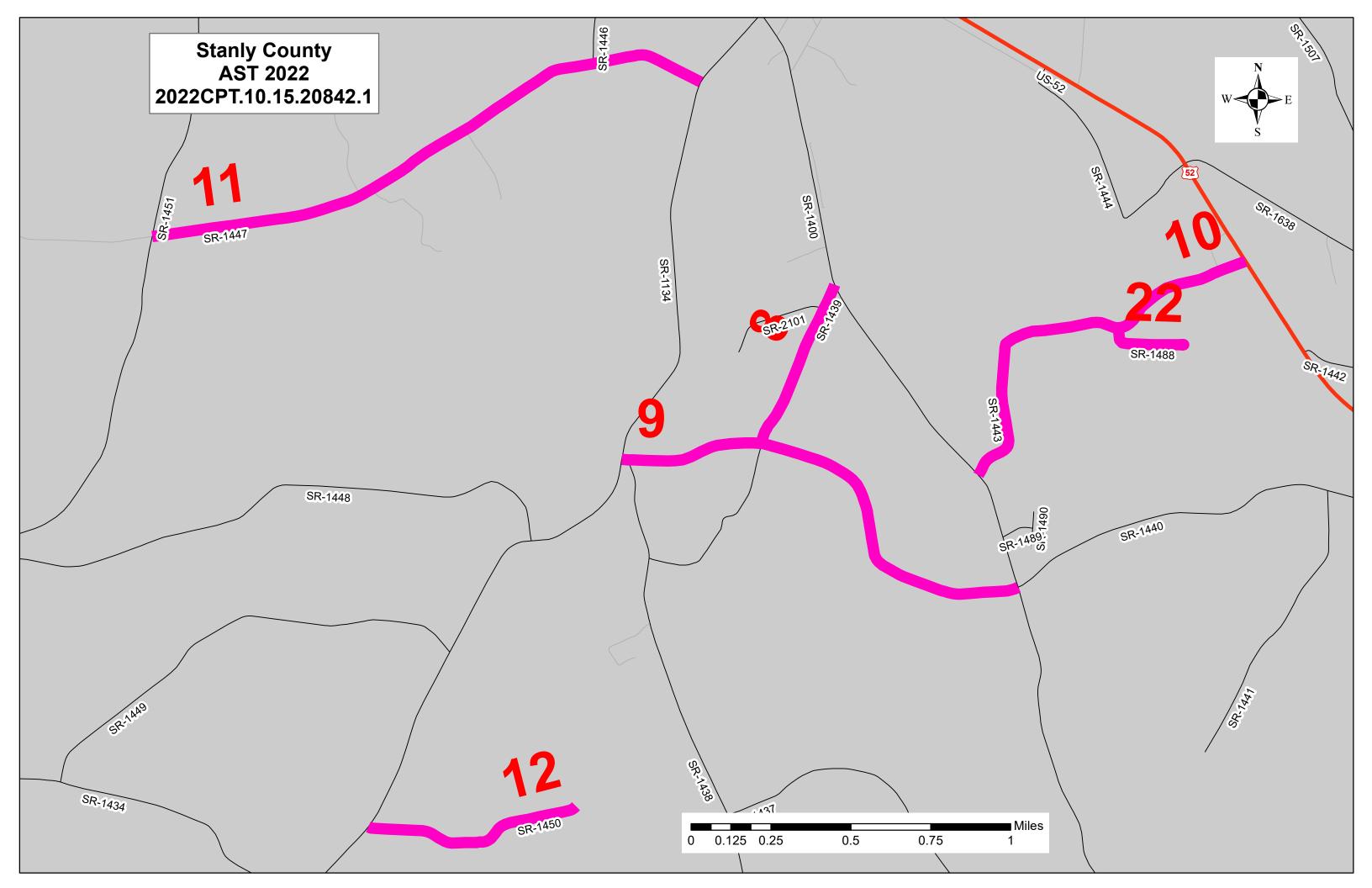
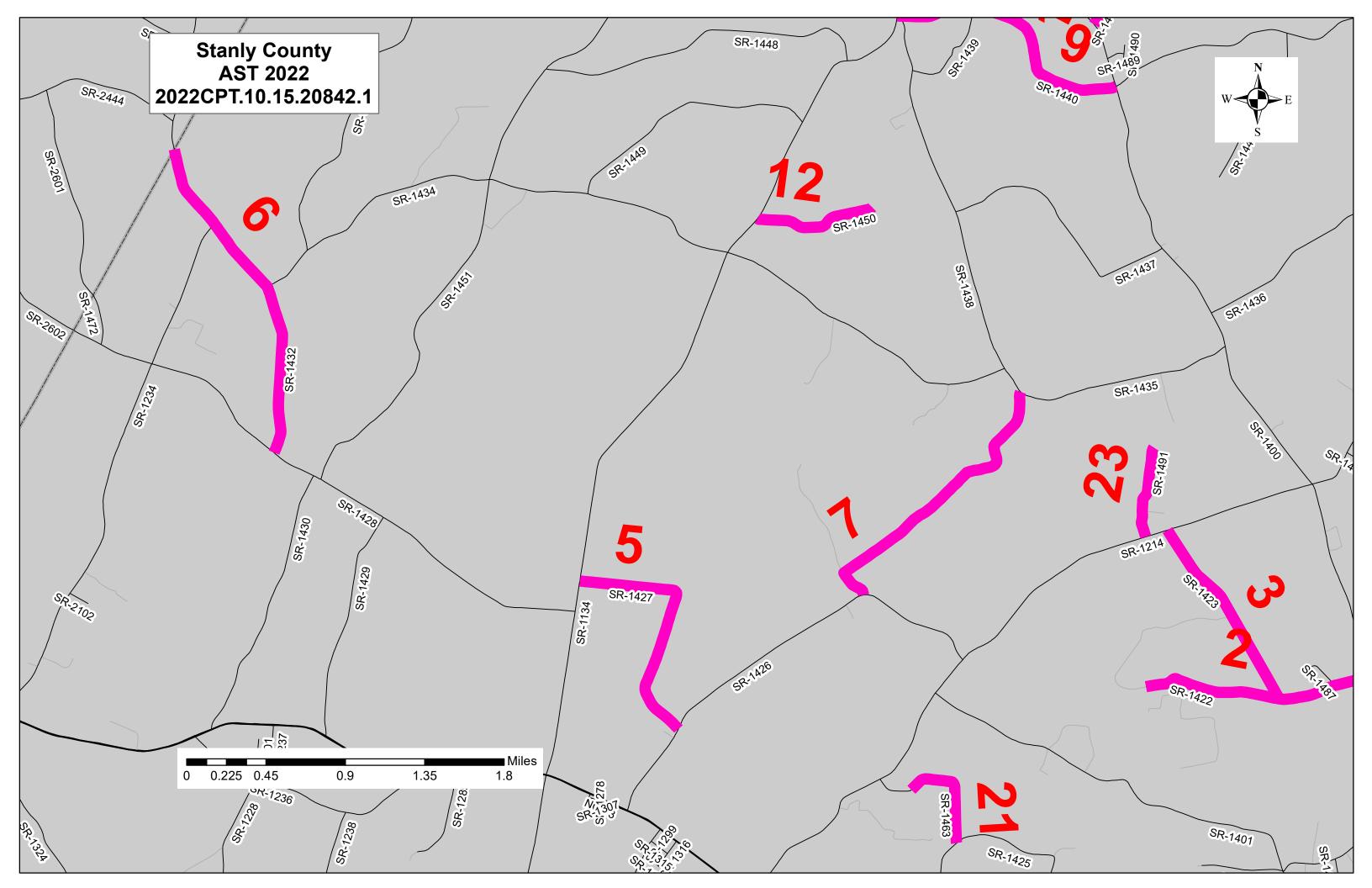
PROJECT NO.	SHEET NO.	TOTAL NO.			
2022CPT.10.15.20842.1	1	9			

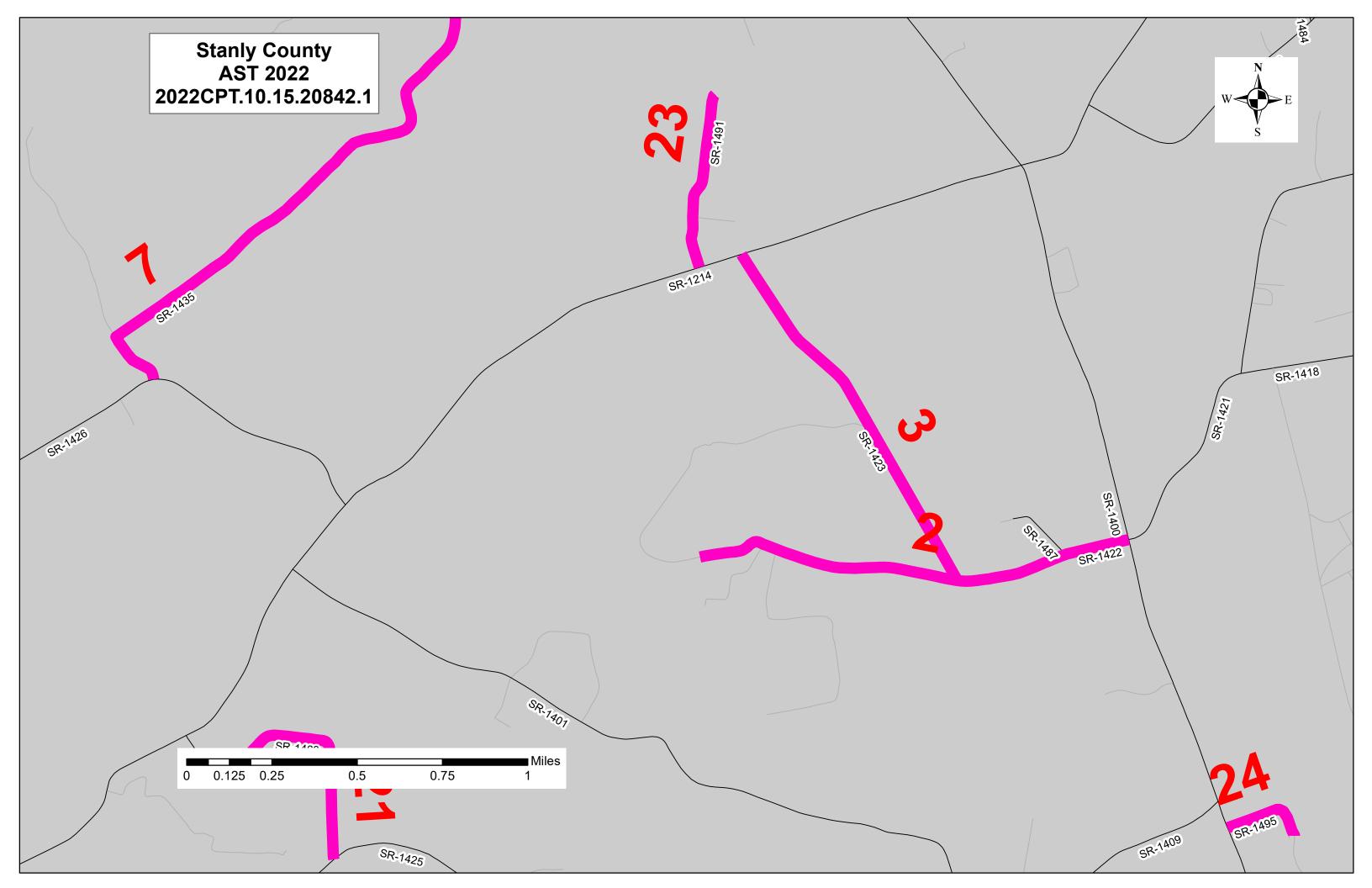
#### SUMMARY OF QUANTITIES

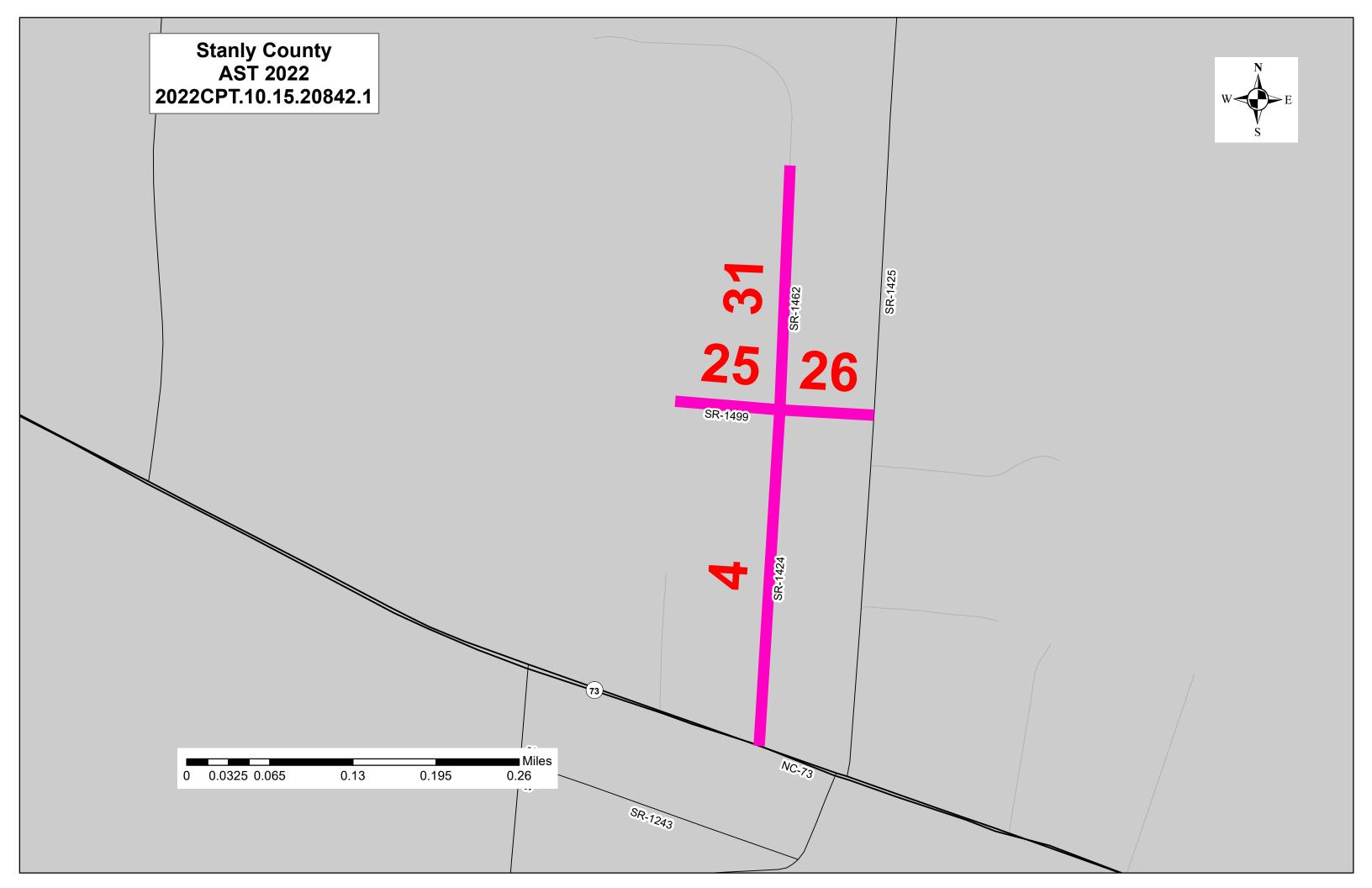
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO			FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1803500000-E ASPHALT SURFACE TREATMENT, DOUBLE SEAL	1838000000-E EMULSION FOR ASPHALT SURFACE TREATMENT	1838500000-N VACUUM TRUCK	2143000000-E BLOTTING SAND	4413000000-E WORK ZONE ADVANCE/GE NERAL WARNING SIGNING SF	4457000000-N TEMPORARY TRAFFIC CONTROL
2022CPT.10.15.20842.1	Stanly	1	SR 1005 - HIGH ROCK RD	FROM COUNTY LINE (MP 0.00) TO NC 49 (MP 1.96)		2		NO	NO	1.96	20	23,457	12,650	0.25	0.50	126.0	0.07
2022507 10 15 20042 1		OTAL FOR M	i	FROM CR 4400 (OLD CALIFOLIDY ROAD) (MR 0.00) TO DEAD FAIR (MR 4.20)	+	2		NO	NO	1.96 1.3	10	23,457	12,650	0.25	0.50	126.0	0.07
2022CPT.10.15.20842.1		OTAL FOR M	SR 1422 OLD HERLOCKER ROAD  AP NO. 2	FROM SR 1400 (OLD SALISBURY ROAD) (MP 0.00) TO DEAD END (MP 1.30)				NO	NO	1.3	18	14,003 14,003	7,555 <b>7,555</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	84.0 <b>84.0</b>	0.04 <b>0.04</b>
2022CPT.10.15.20842.1		OTAL FOR M	SR 1423 PICKLER ROAD  AP NO. 3	FROM SR 1214 (AUSTIN ROAD) (MP 0.00) TO SR 1422 (OLD HERLOCKER ROAD) (MP 1.15)	-	2	-	NO	NO	1.15 1.15	19	13,075 13,075	7,055 <b>7,055</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	74.0 <b>74.0</b>	0.04 <b>0.04</b>
2022CPT.10.15.20842.1	Stanly	4	SR 1424 CLETE ROAD	FROM NC 73 (MP 0.00) TO SR 1462 CLETE ROAD (MP 0.26)		2		NO	NO	0.26	17	2,645	1,430	0.15	0.50	40.0	0.01
2022CPT.10.15.20842.1		OTAL FOR M	SR 1427 ESTHER ROAD	FROM SR 1134 (MILLINGPORT ROAD) (MP 0.00) TO SR 1426 (HARWOOD ROAD) (MP 1.43)		2	+	NO	NO	<b>0.26</b> 1.43	19	<b>2,645</b> 16,259	<b>1,430</b> 8,770	<b>0.15</b> 0.15	0.50	<b>40.0</b> 92.0	0.01
		OTAL FOR M								1.43		16,259	8,770	0.15	0.50	92.0	0.05
2022CPT.10.15.20842.1		6 OTAL FOR M	SR 1432 GOLD HILL ROAD AP NO. 6	FROM SR 1428 (BEAR CREEK ROAD) (MP 0.00) TO COUNTY LINE (MP 1.92)		2		NO	NO	1.92 1.92	20	22,979 <b>22,979</b>	12,395 <b>12,395</b>	0.25 <b>0.25</b>	0.50 <b>0.50</b>	124.0 124.0	0.07 <b>0.07</b>
2022CPT.10.15.20842.1		7 OTAL FOR M	SR 1435 POPLIN ROAD	FROM SR 1426 (HARWOOD ROAD) (MP 0.70) TO SR 1435 (KENDALLS CHURCH ROAD) (MP 2.42)	-	2		NO	NO	1.72 1.72	19	19,556 <b>19,556</b>	10,545 <b>10,545</b>	0.20 <b>0.20</b>	0.50 <b>0.50</b>	110.0 110.0	0.06 <b>0.06</b>
2022CPT.10.15.20842.1		8	SR 1439 CAUDLE ROAD	FROM SR 1400 (OLD SALISBURY ROAD) (MP 0.00) TO DIRT ROAD (MP 0.55)		2		NO	NO	0.55	20	6,582	3,550	0.15	0.40	40.0	0.02
2022CPT.10.15.20842.1		OTAL FOR M	SR 1440 MISENHEIMER ROAD	FROM SR 1400 (OLD SALISBURY ROAD) (MP 1.52) TO SR 1134 (MILLINGPORT ROAD) (MP 3.00)		2		NO	NO	<b>0.55</b> 1.48	18	<b>6,582</b> 15,941	<b>3,550</b> 8,600	<b>0.15</b> 0.15	0.40	<b>40.0</b> 95.0	0.02
	1	OTAL FOR M	AP NO. 9							1.48		15,941	8,600	0.15	0.50	95.0	0.06
2022CPT.10.15.20842.1		10 OTAL FOR MA	SR 1443 DANVILLE ROAD AP NO. 10	FROM SR 1400 (OLD SALISBURY ROAD) (MP 0.00) TO US 52 (MP 1.29)	+	2		NO	NO	1.29 1.29	18	13,895 <b>13,895</b>	7,495 <b>7,495</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	82.0 <b>82.0</b>	0.05 <b>0.05</b>
2022CPT.10.15.20842.1		11 OTAL FOR MA	SR 1447 FRICK ROAD	FROM SR 1451 (PAULS CROSSING ROAD) (MP 0.00) TO SR 1134 (MILLINGPORT ROAD) (MP 1.87)		2		NO	NO	1.87 <b>1.87</b>	19	21,261 <b>21,261</b>	11,465 <b>11,465</b>	0.25 <b>0.25</b>	0.50 <b>0.50</b>	120.0 <b>120.0</b>	0.06 <b>0.06</b>
2022CPT.10.15.20842.1	Stanly	12	SR 1450 RYAN ROAD	FROM SR 1134 (MILLINGPORT ROAD) (MP 0.00) TO DEAD END (MP 0.69)		2		NO	NO	0.69	19	7,845	4,235	0.15	0.40	44.0	0.02
2022CPT.10.15.20842.1	Stanly		SR 1453 MATTON GROVE CHURCH ROAD	FROM NC 49 (MP 0.00) TO SR 1454 (COLLIE ROAD) (MP 0.77)		2		NO	NO	0.77	18	<b>7,845</b> 8,294	<b>4,235</b> 4,475	0.15 0.15	0.40	<b>44.0</b> 49.0	0.02
2022CPT.10.15.20842.1	Stanly	14	SR 1454 COLLIE ROAD	FROM SR 1453 (MATTON GROVE CHURCH ROAD) (MP 0.85) TO COUNTY LINE (MP 1.51)		2		NO	NO	0.77 0.66 <b>0.66</b>	20	<b>8,294</b> 7,899	<b>4,475</b> 4,260	0.15 0.15	0.40	<b>49.0</b> 42.0	0.03
2022CPT.10.15.20842.1	Stanly		SR 1454 MATTON GROVE CHURCH ROAD	FROM SR 1455 (WESLEY CHAPEL ROAD) (MP 0.00) TO SR 1454 (COLLIE ROAD) (MP 0.85)		2		NO	NO	0.85 0.85	19	<b>7,899</b> 9,664 <b>9,664</b>	<b>4,260</b> 5,215	0.15 0.15	0.40	<b>42.0</b> 54.0 <b>54.0</b>	0.02
2022CPT.10.15.20842.1	Stanly	16 OTAL FOR MA	SR 1455 GOODMAN ROAD	FROM SR 1455 (REEVES ISLAND ROAD) (MP 2.66) TO SR 1005 (HIGH ROCK ROAD) (MP 3.67)		2		NO	NO	1.01	19	11,483 11,483	<b>5,215</b> 6,195 <b>6,195</b>	0.15 0.15 0.15	0.50 0.50 0.50	65.0 <b>65.0</b>	0.03 0.04 0.04
2022CPT.10.15.20842.1	Stanly	17 OTAL FOR MA	SR 1455 REEVES ISLAND ROAD	FROM SR 1500 (REEVES ISLAND ROAD) (MP 1.61) TO SR 1455 (GOODMAN ROAD) (MP 2.66)		2		NO	NO	1.05 1.05	19	11,938 11,938	6,440 <b>6,440</b>	0.15 0.15	0.50 0.50	67.0 <b>67.0</b>	0.04
2022CPT.10.15.20842.1	Stanly	18 OTAL FOR MA	SR 1455 WESLEY CHAPEL ROAD	FROM SR 1453 (MATTON GROVE CHURCH ROAD) (MP 0.33) TO US 52 (MP 1.20)		2		NO	NO	0.87 <b>0.87</b>	16	8,330 8,330	4,495 <b>4,495</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	56.0 <b>56.0</b>	0.03
2022CPT.10.15.20842.1	Stanly	19 OTAL FOR MA	SR 1455 WESLEY CHAPEL ROAD	FROM NC 49 (MP 0.00) TO SR 1453 (MATTON GROVE CHURCH ROAD) (MP 0.33)		2		NO	NO	0.33	20	3,949 <b>3,949</b>	2,130 <b>2,130</b>	0.15 <b>0.15</b>	0.40	0.0	0.01 <b>0.01</b>
2022CPT.10.15.20842.1	Stanly	20 OTAL FOR MA	SR 1461 REEVES ISLAND ROAD	FROM SR 1455 (GOODMAN ROAD) (MP 0.00) TO COUNTY LINE (MP 0.07)		2		NO	NO	0.07 <b>0.07</b>	19	796 <b>796</b>	430 <b>430</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	40.0 <b>40.0</b>	0.01 <b>0.01</b>
2022CPT.10.15.20842.1		21 OTAL FOR MA	SR 1463 HARKEY ROAD AP NO. 21	FROM EOP -DIRT ROAD (MP 0.21) TO SR 1425 (NELSON MOUNTAIN ROAD) (MP 0.81)		2		NO	NO	0.6 <b>0.6</b>	20	7,181 <b>7,181</b>	3,875 <b>3,875</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	40.0 <b>40.0</b>	0.01 <b>0.01</b>
2022CPT.10.15.20842.1		22 OTAL FOR MA	SR 1488 PINEWOOD DRIVE AP NO. 22	FROM SR 1443 (DANVILLE ROAD) (MP 0.00) TO DEAD END (MP 0.24)		2		NO	NO	0.24 <b>0.24</b>	16	2,298 <b>2,298</b>	1,240 <b>1,240</b>	0.15 <b>0.15</b>	0.50 <b>0.50</b>	40.0 <b>40.0</b>	0.01 <b>0.01</b>
2022CPT.10.15.20842.1	Stanly		SR 1491 TERCHER ROAD	FROM SR 1214 (AUSTIN ROAD) (MP 0.00) TO DEAD END (MP 0.52)		2		NO	NO	0.52 <b>0.52</b>	20	6,223 <b>6,223</b>	3,360 <b>3,360</b>	0.15 <b>0.15</b>	0.50	40.0 <b>40.0</b>	0.02 <b>0.02</b>
2022CPT.10.15.20842.1	Stanly		SR 1495 FIRE LINE ROAD	FROM SR 1400 (OLD SALISBURY ROAD) (MP 0.00) TO DEAD END (MP 0.25)		2		NO	NO	0.52 0.25 <b>0.25</b>	18	2,693 <b>2,693</b>	1,455 1,455	0.15 0.15 0.15	0.50 0.50	40.0 40.0 <b>40.0</b>	0.02 0.01 <b>0.01</b>
2022CPT.10.15.20842.1	Stanly		SR 1499 CHIP ROAD	FROM SR 1424 (CLETE ROAD) (MP 0.00) TO DEAD END (MP 0.08)		2		NO	NO	0.08	17	814 814	440 440	0.15 0.15 <b>0.15</b>	0.50 0.50	40.0 40.0 <b>40.0</b>	0.01 0.01
2022CPT.10.15.20842.1	Stanly		SR 1424 CHIP ROAD	FROM SR 1462 (CLETE ROAD) (MP 0.26) TO SR 1425 (NELSON MOUNTAIN ROAD) (MP 0.34)		2		NO	NO	0.08	17	814 814 814	440 440 440	0.15 0.15	0.50 0.50	40.0 40.0 <b>40.0</b>	0.01 0.01
2022CPT.10.15.20842.1	Stanly		SR 1500 REEVES ISLAND ROAD	FROM US 52 (MP 0.00) TO SR 1455 (WESLEY CHAPEL ROAD) (MP 0.41)		2		NO	NO	0.41 <b>0.41</b>	16	3,926 <b>3,926</b>	2,120 2,120	0.15 <b>0.15</b>	0.50 <b>0.50</b>	40.0 40.0	0.01 0.01
2022CPT.10.15.20842.1	Stanly	28	SR 1502 GOLD BRANCH ROAD	FROM SR 1005 (HIGH ROCK ROAD) (MP 0.08) TO SR 1505 (WILLIE ROAD) (MP 0.89)		2		NO	NO	0.81	18	8,725	4,705	0.15	0.50	52.0	0.02
2022CPT.10.15.20842.1	Stanly	29	SR 1502 GOLD BRANCH ROAD	FROM NC 49 (MP 0.00) TO SR 1505 (WILLIE ROAD) (MP 0.08)		2		NO	NO	0.81	18	<b>8,725</b> 862	<b>4,705</b> 465	<b>0.15</b> 0.15	<b>0.50</b> 0.50	<b>52.0</b> 40.0	<b>0.02</b> 0.01
2022CPT.10.15.20842.1	Stanly	30	SR 1585 RIDER ROAD	FROM SR 1005 (HIGH ROCK ROAD) (MP 0.00) TO SR 1502 (GOLD BRANCH ROAD) (MP 1.19)		2		NO	NO	<b>0.08</b> 1.19	20	<b>862</b> 14,242	<b>465</b> 7,680	<b>0.15</b> 0.15	<b>0.50</b> 0.50	<b>40.0</b> 76.0	0.01
2022CPT.10.15.20842.1		OTAL FOR MA	AP NO. 30 SR 1462 CLETE ROAD	FROM SR 1424 CHIP ROAD (MP 0.00) TO DEAD END (MP 0.24)		2	-	NO	NO	1.19 0.24	17	<b>14,242</b> 2,441	<b>7,680</b>	<b>0.15</b> 0.15	0.50	<b>76.0</b> 40.0	0.03 0.10
	T	OTAL FOR MA	AP NO. 31	ו מסאט איז בייבי כחור מסאט (שור ט.טט) דס טבאט בשט (שור ט.ביין)				INU	INU	0.24	1/	2,441	1,320	0.15	0.50	40	0
	IUIAL FOR		22CPT.10.15.20842.1							25.73		290,070	156,485	5	15	1,892	1
		GRAND T	OTAL			l				25.73		290,070	156,485	5	15	1,892	1





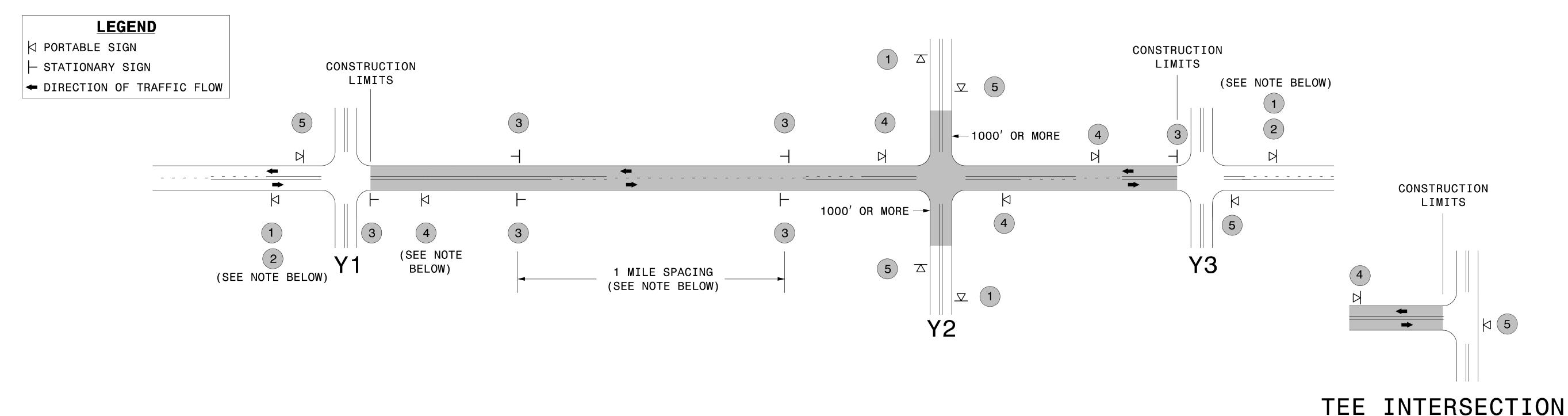






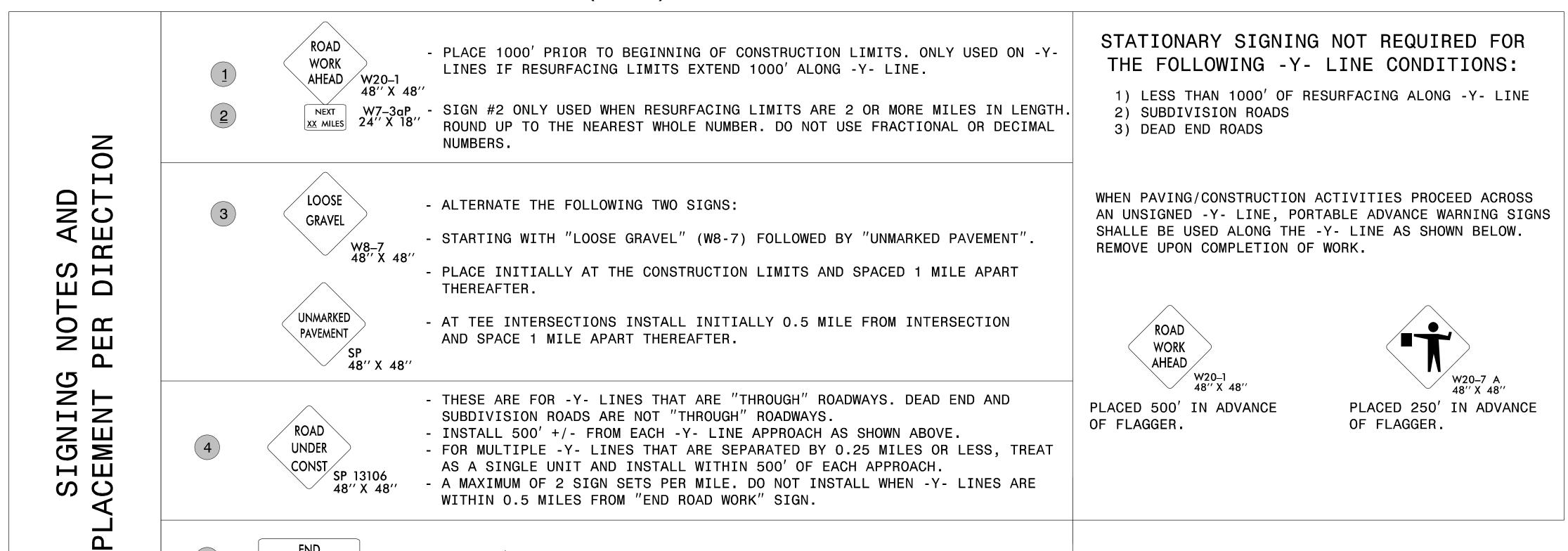
PROJ. REFERENCE NO. SHEET NO.

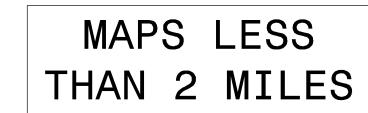
### SIGNING FOR ASPHALT SURFACE TREATMENT



## MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING





ROAD WORK

G20–2 A 48'' X 24''

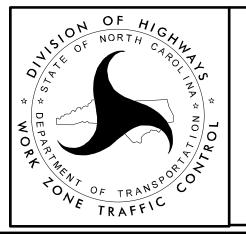
START OF CONTRACT WORK.

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.

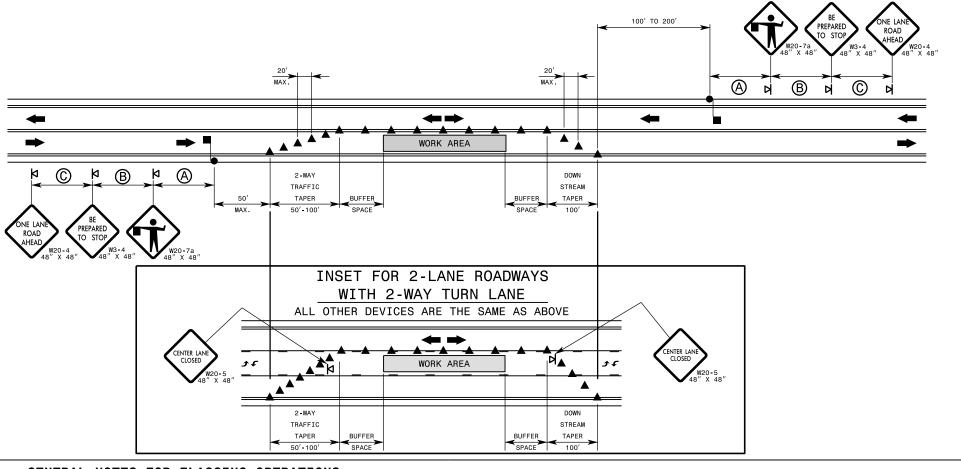
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE

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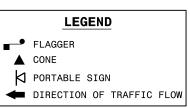
#### **GENERAL NOTES FOR FLAGGING OPERATIONS**

- 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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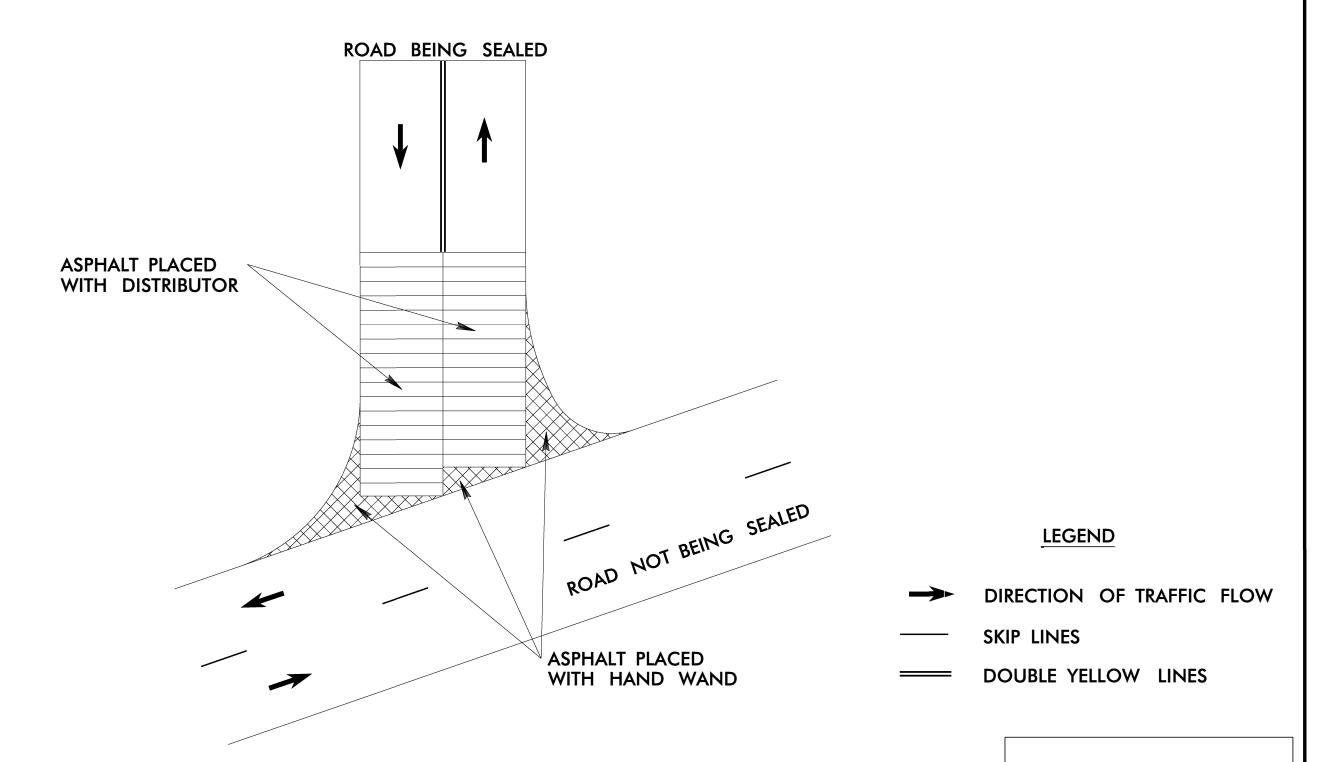
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# INTERSECTION EMULSION PLACEMENT TWO LANE TWO WAY ROADWAY

PROJECT NO. SHEET NO.

2022CPT.IO.I5.20842 9

F.A. PROJECT NO.



INTERSECTION EMULSION PLACEMENT

SCALE	N/A
DATE	9-2019
DWG. BY	TBL
DESIGN BY	TBL
APPROVED	TWB

