



South	
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.05.08.20921.1,ETC.	<b>1</b>

Map 1: SR 1224 (Old Stagecoach Ln)  
From SR 1006 (Old Stage Rd) to  
SR 3855 (Passenger Pl)

Map 2: SR 1226 (Girth Ln)  
From SR 3855 (Passenger Pl) to Cul-de-Sac

Map 3: SR 1227 (Farrier Ct)  
From SR 3855 (Passenger Pl) to Cul-de-Sac

Map 4: SR 3855 (Passenger Pl)  
From: Cul-de-Sac to Cul-de-Sac

Map 5: SR 4811 (Buckboard Ln)  
From Cul-de-Sac to Cul-de-Sac

Map 6: SR 4810 (Livery Way)  
From Cul-de-Sac to Cul-de-Sac

Map 7: SR 4812 (Horse Buggy Dr)  
From SR 4810 (Livery Way) to Cul-de-Sac

Map 8: SR 3764 (Stageline Dr)  
From SR 1006 (Old Stage Rd) to  
SR 3855 (Passenger Pl)

Map 9: SR 3813 (Relay Way)  
From SR 3764 (Stageline Dr) to Dead End

Map 10: SR 3765 (Carrier Way)  
From Cul-de-Sac to Cul-de-Sac

Map 11: SR 3836 (Quail Point Dr)  
From SR 1006 (Old Stage Rd) to  
Cul-de-Sac



<b>South</b>	
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2025CPT.05.08.20921.1,ETC.	<b>2</b>

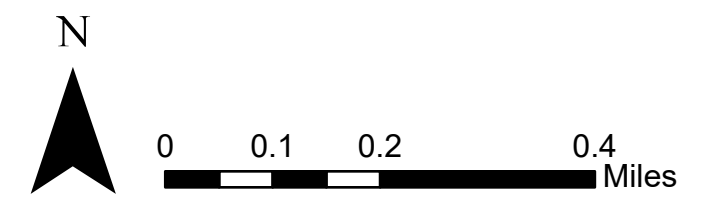
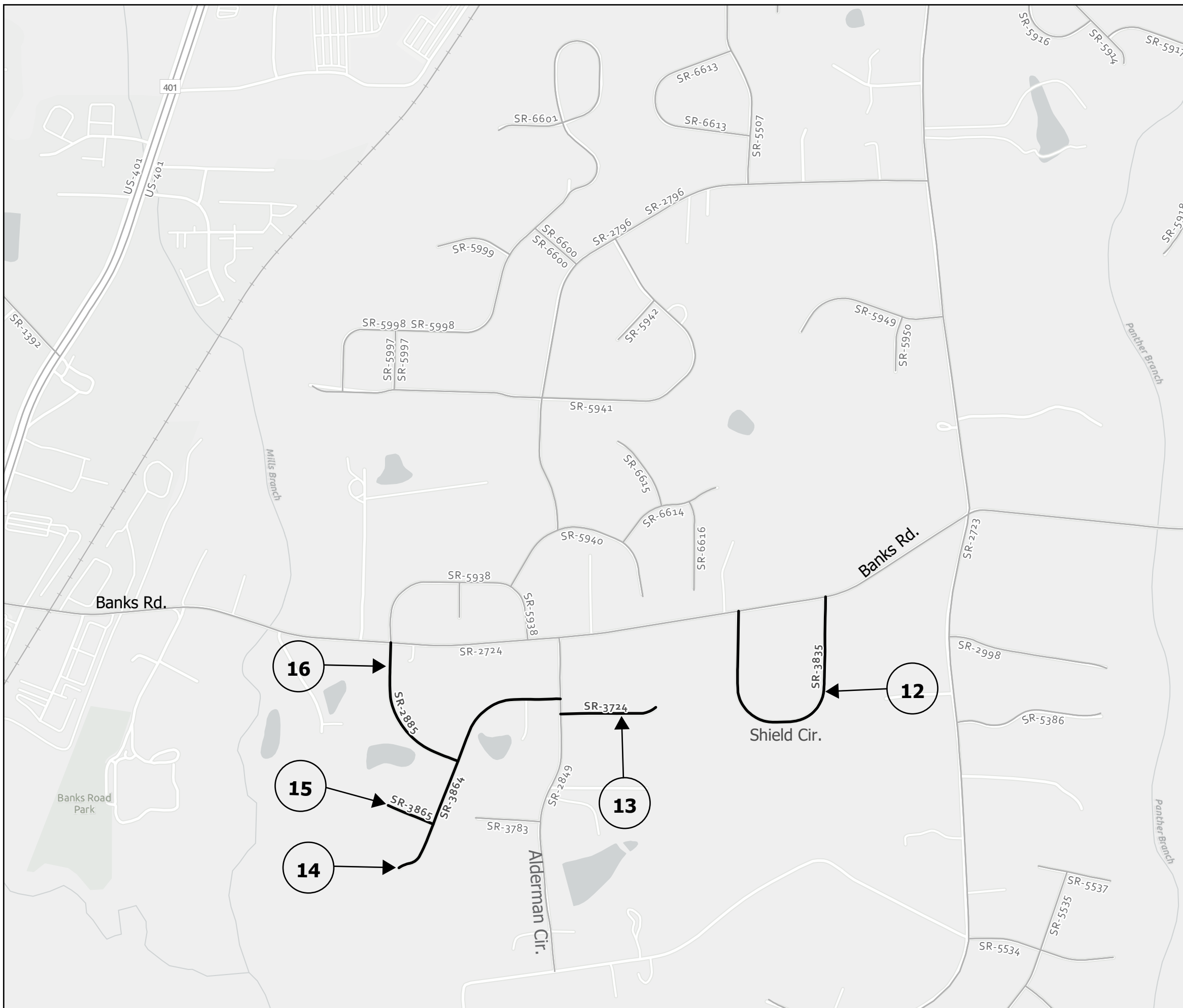
Map 12: SR 3835 (Shield Cir.)  
From SR 2724 (Banks Rd) to SR 2724 (Banks Rd)

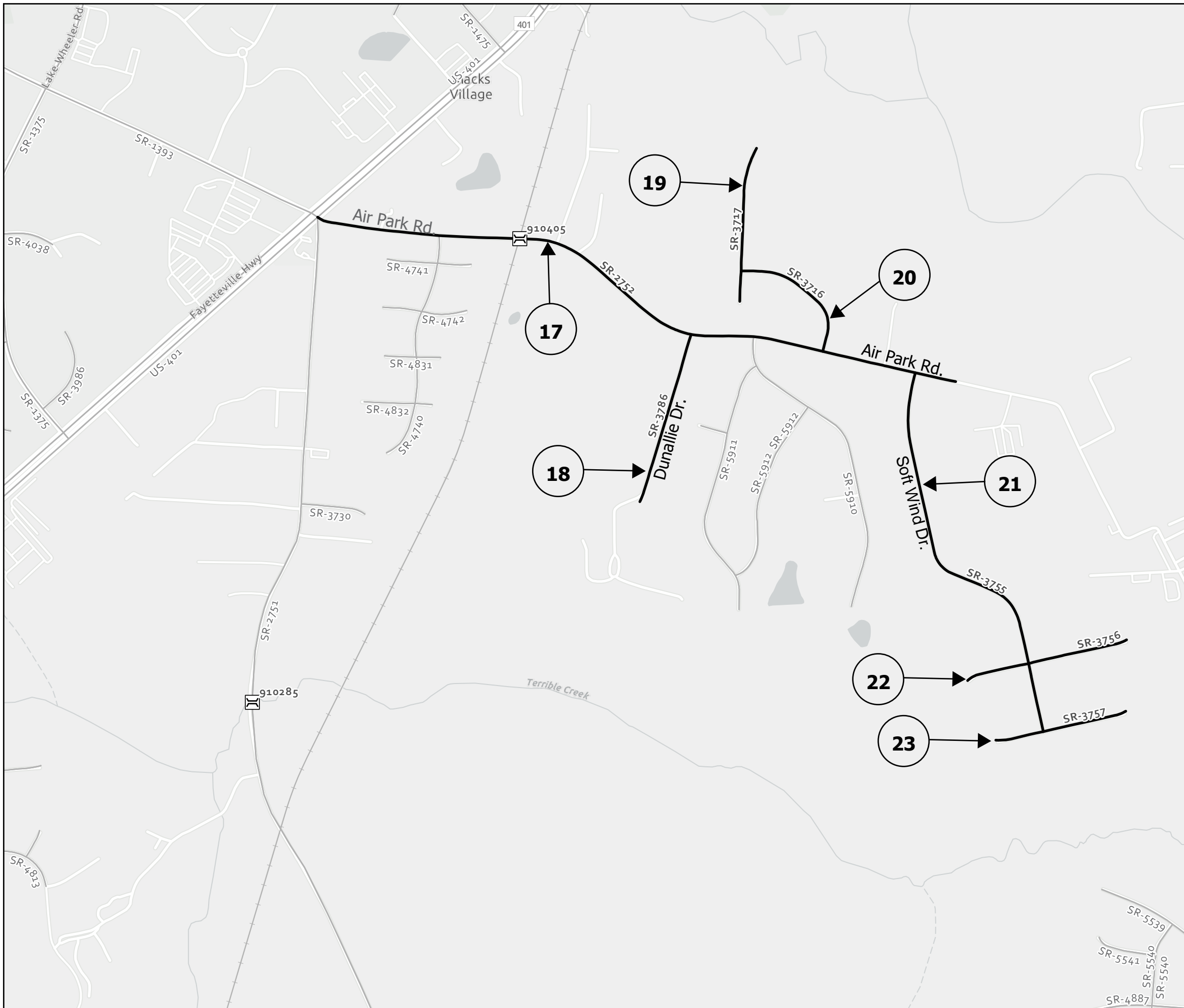
Map 13: SR 3724 (Bare Creek Ln)  
From SR 2849 (Alderman Cir) to Cul-de-Sac

Map 14: SR 3864 (Highgate Rd)  
From SR 2849 (Alderman Cir) to Cul-de-Sac

Map 15: SR 3865 (Dolphin Pl)  
From: SR 3864 (Highgate Rd) to Cul-de-Sac

Map 16: SR 2885 (Chelsea Dr)  
From SR 2724 (Banks Rd) to  
SR 3864 (Highgate Rd)





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Map 17: SR 2752 (Air Park Rd)  
From US 401 to End Maintenance

Map 18: SR 3786 (Dunallie Dr)  
From SR 2752 (Air Park Rd) to Cul-de-Sac

Map 19: SR 3717 (April Wind Dr)  
From Dead End to Cul-de-Sac

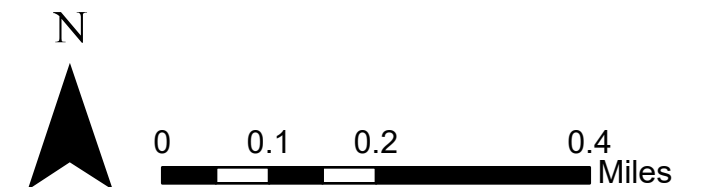
Map 20: SR 3716 (Wind Haven Dr) From:  
SR 2752 (Air Park Rd) to  
SR 3717 (April Wind Dr)

Map 21: SR 3755 (Soft Wind Dr)  
From: SR 2752 (Air Park Rd) to  
SR 3757 (Lorena Lynn Ct)

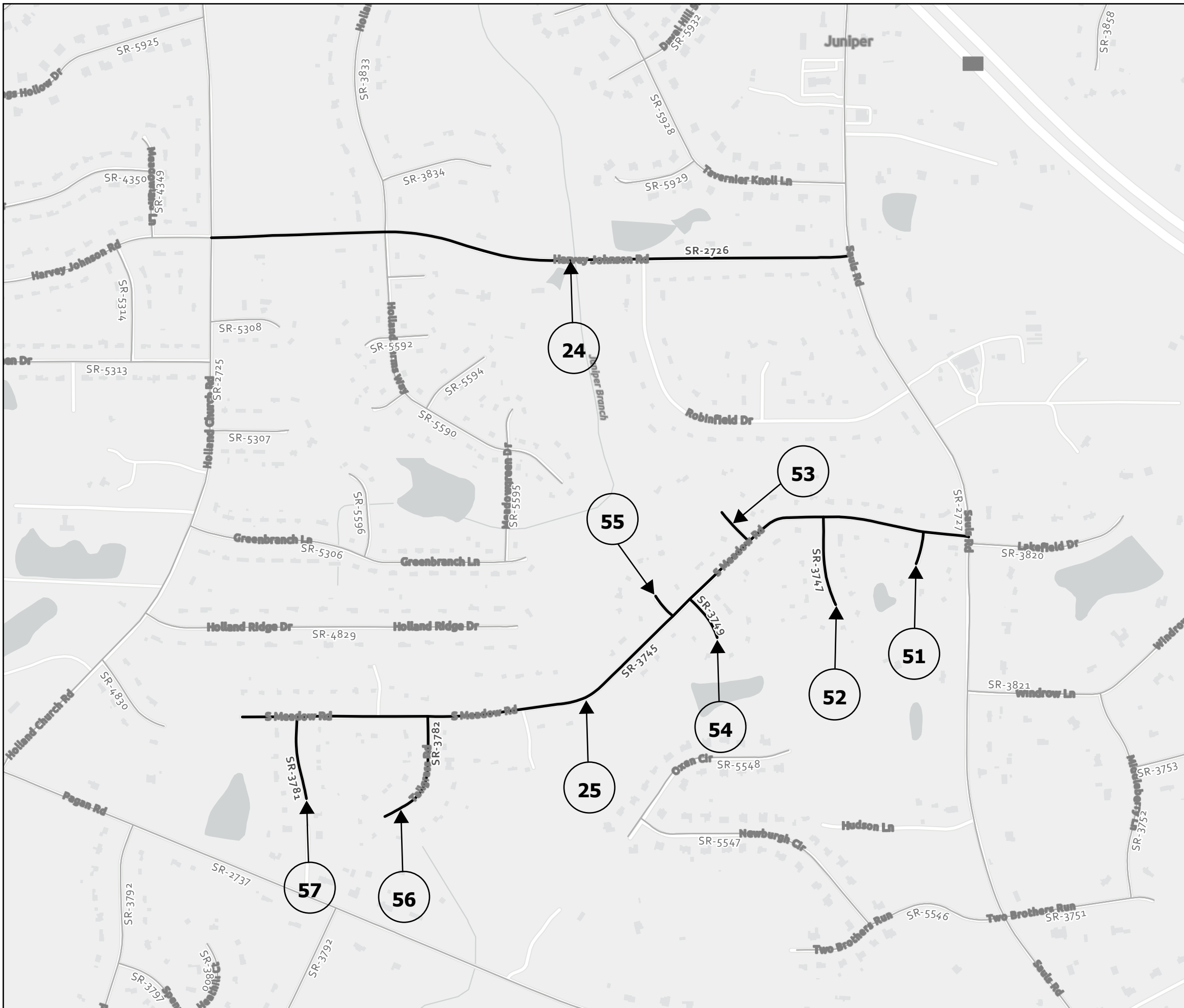
Map 22: SR 3756 (Laura Ashley Cir) From:  
Cul-da-Sac to Cul-de-Sac

Map 23: SR 3757 (Lorena Lynn Ct) From:  
Cul-da-Sac to Cul-de-Sac

Bridge 1: 910405







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Map 24: SR 2726 (Harvey Johnson Rd)  
From SR 2726 (Harvey Johnson Rd) to SR 2725 (Holland Church Rd)

Map 25: SR 3745 (South Meadow Rd)  
From SR 2727 (Holland Church Rd) to Dead End

Map 51: SR 3746 (Full Meadow Pl)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac

Map 52: SR 3747 (Hay Meadow Ct)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac

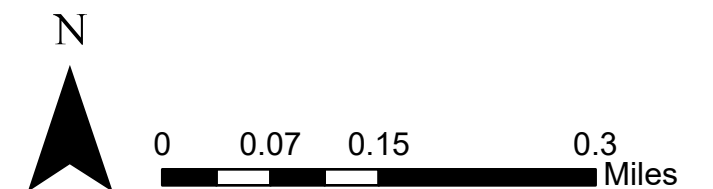
Map 53: SR 3748 (Meadow Sweet Ct)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac

Map 54: SR 3749 (Meadow Rue Pl)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac

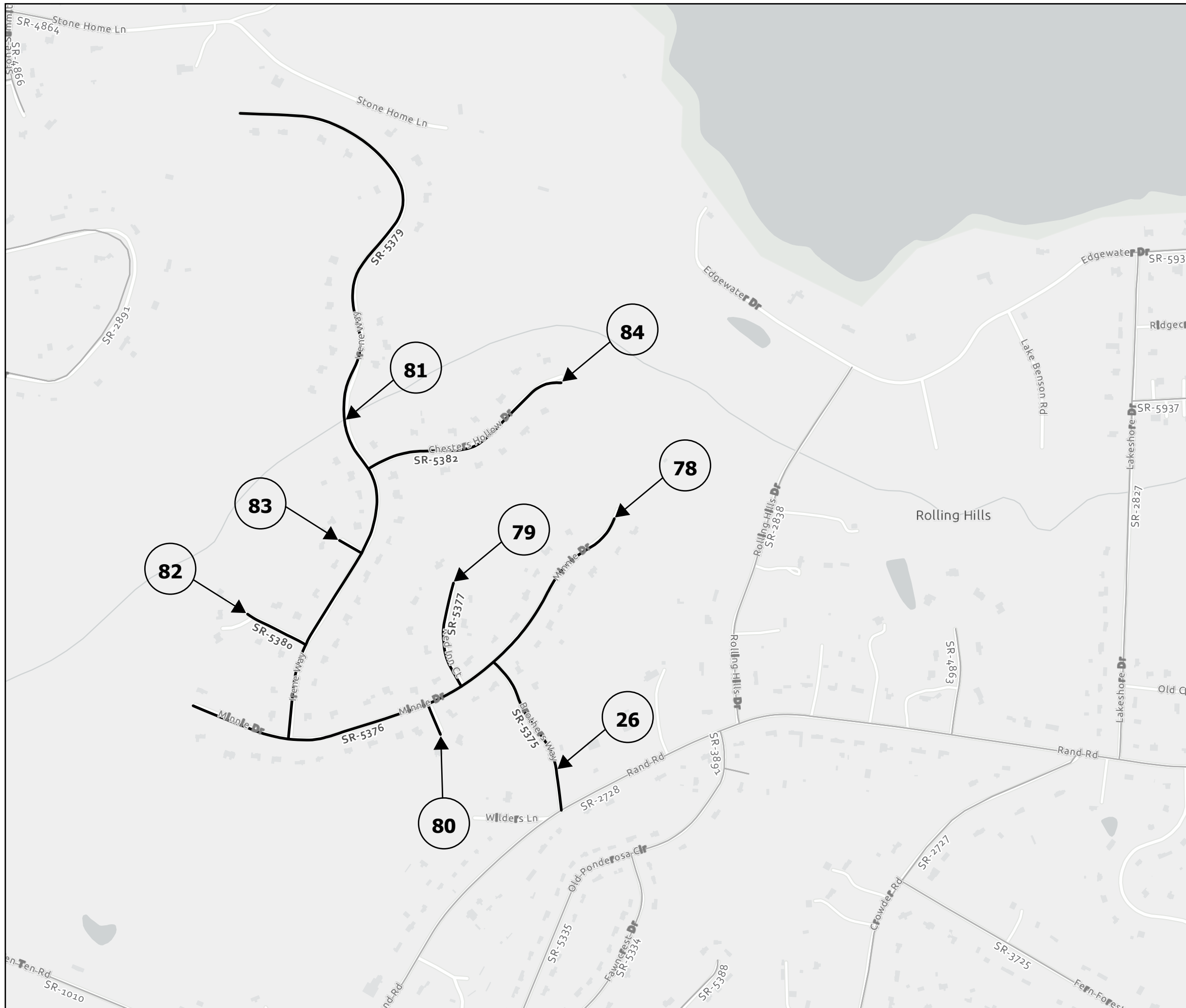
Map 55: SR 3750 (Tree Meadow Ln)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac

Map 56: SR 3782 (Tallgrass Rd)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac

Map 57: SR 3781 (Farm Meadow Rd)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac







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Map 26: SR 5375 (Brothers Way)  
From SR 2728 (Rand Rd) to SR 5376 (Minnie Dr)

Map 78: SR 5376 (Minnie Dr)  
From Dead End to Dead End

Map 79: SR 5377 (Red Inn Ct)  
From SR 5376 (Minnie Dr) to Cul-de-Sac

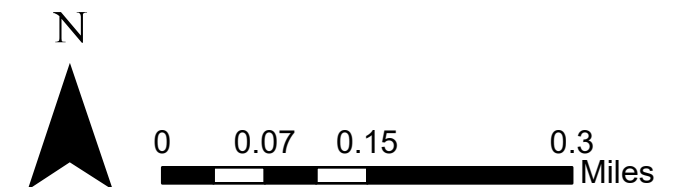
Map 80: SR 5378 (Green Tap Ct)  
From SR 3745 (South Meadow Rd) to Cul-de-Sac  
Milepost: 0.00 to 0.04

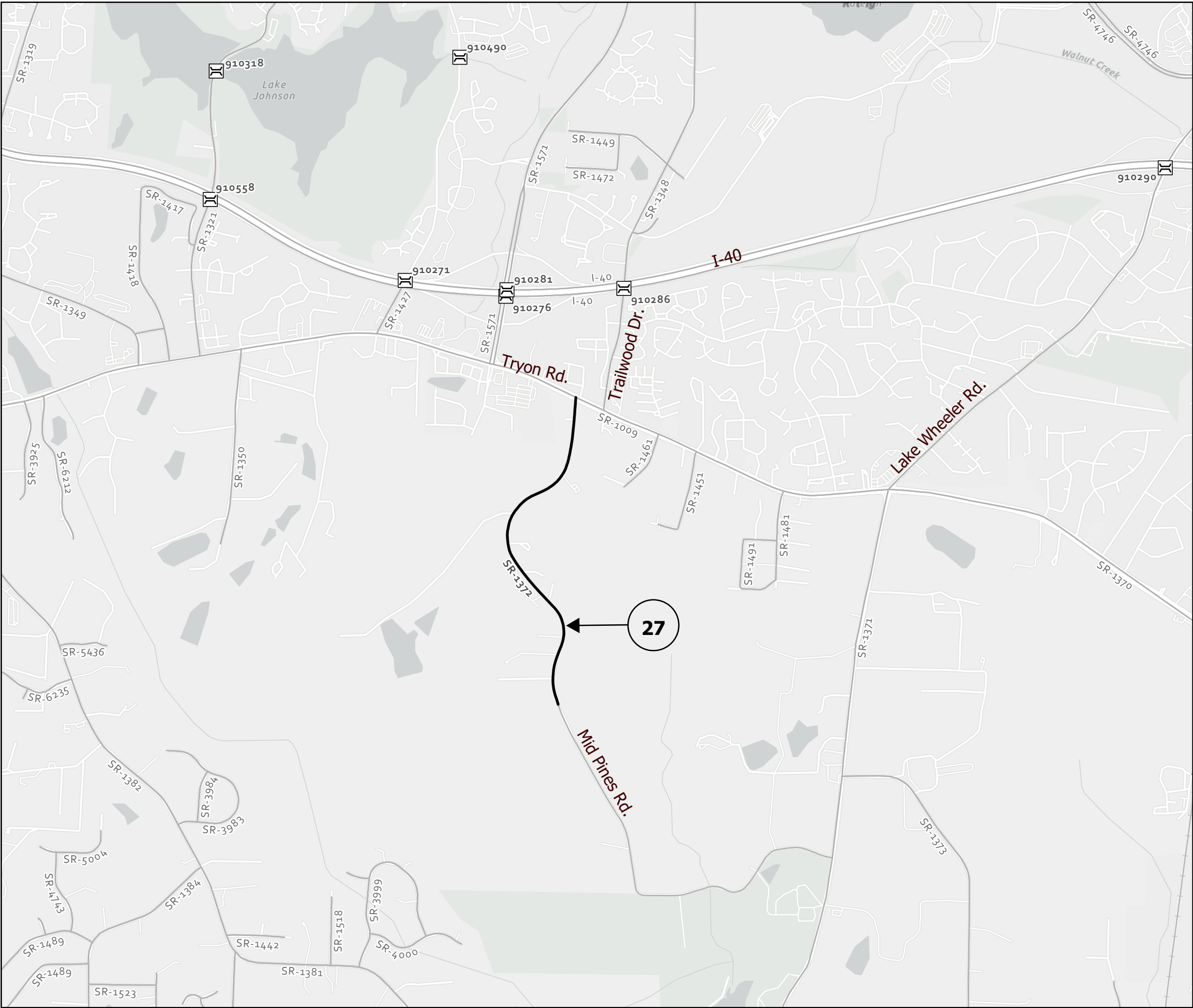
Map 81: SR 5379 (Irene Way)  
From SR 5376 (Minnie Dr) to Dead End

Map 82: SR 5380 (GW Ct)  
From SR 5379 (Irene Way) to Cul-de-Sac

Map 83: SR 5381 (Hubo Ct)  
From SR 5379 (Irene Way) to Cul-de-Sac

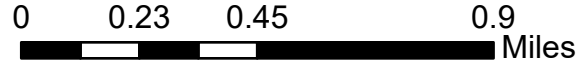
Map 84: SR 5382 (Chesters Hollow Dr)  
From SR 5379 (Irene Way) to Dead End

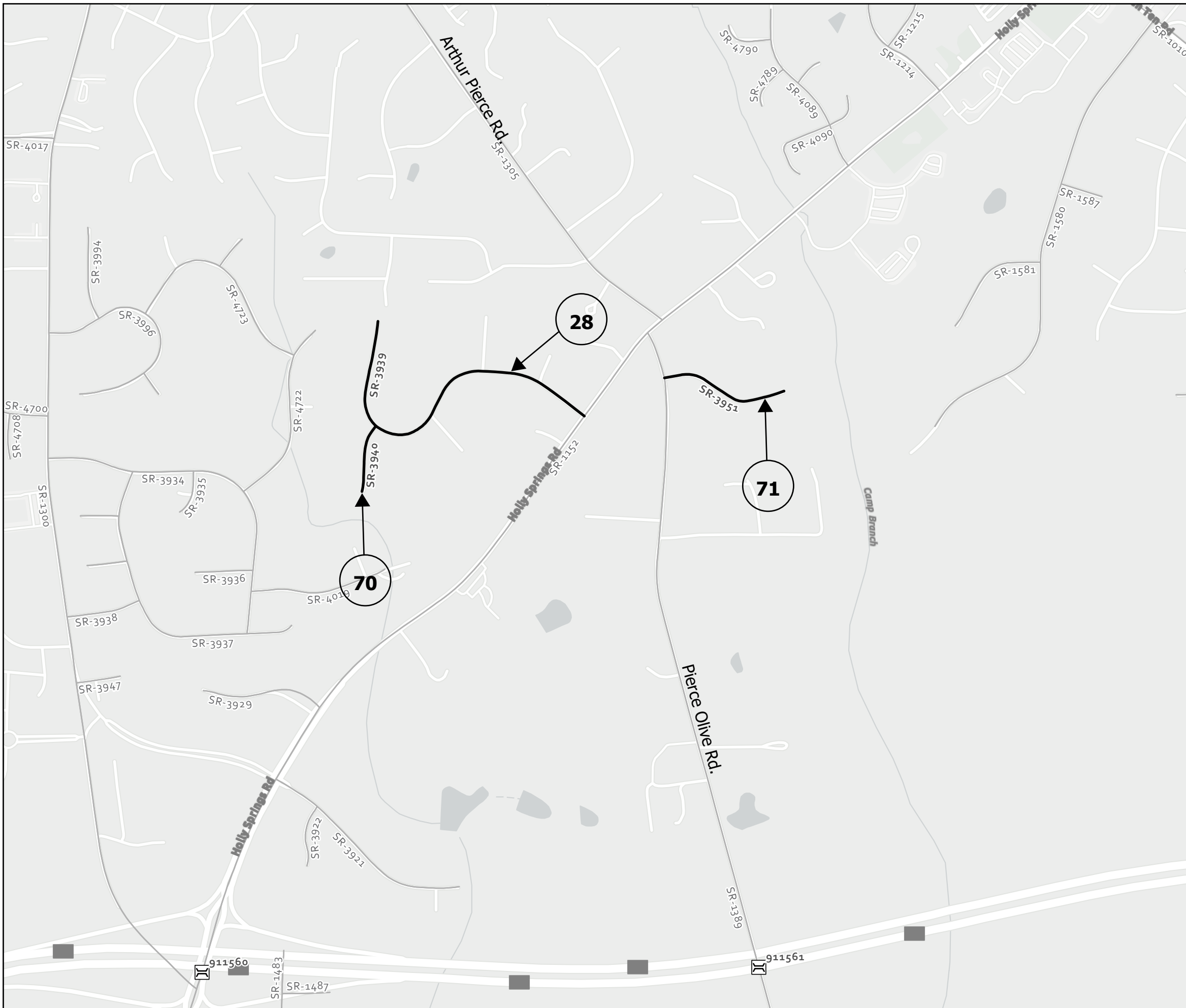




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Map 27: SR 1372 (Mid Pines Rd)  
From Begin Pavement to SR 1009 (Tryon Rd)



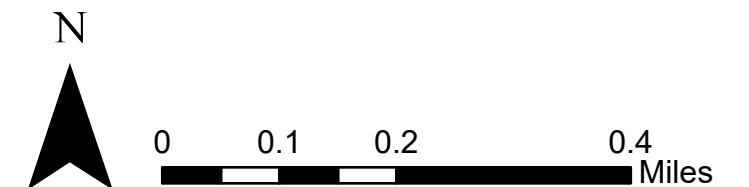


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PROJECT REFERENCE NO.	SHEET NO.
2025CPT.05.08.20921.1,ETC.	<b>7</b>

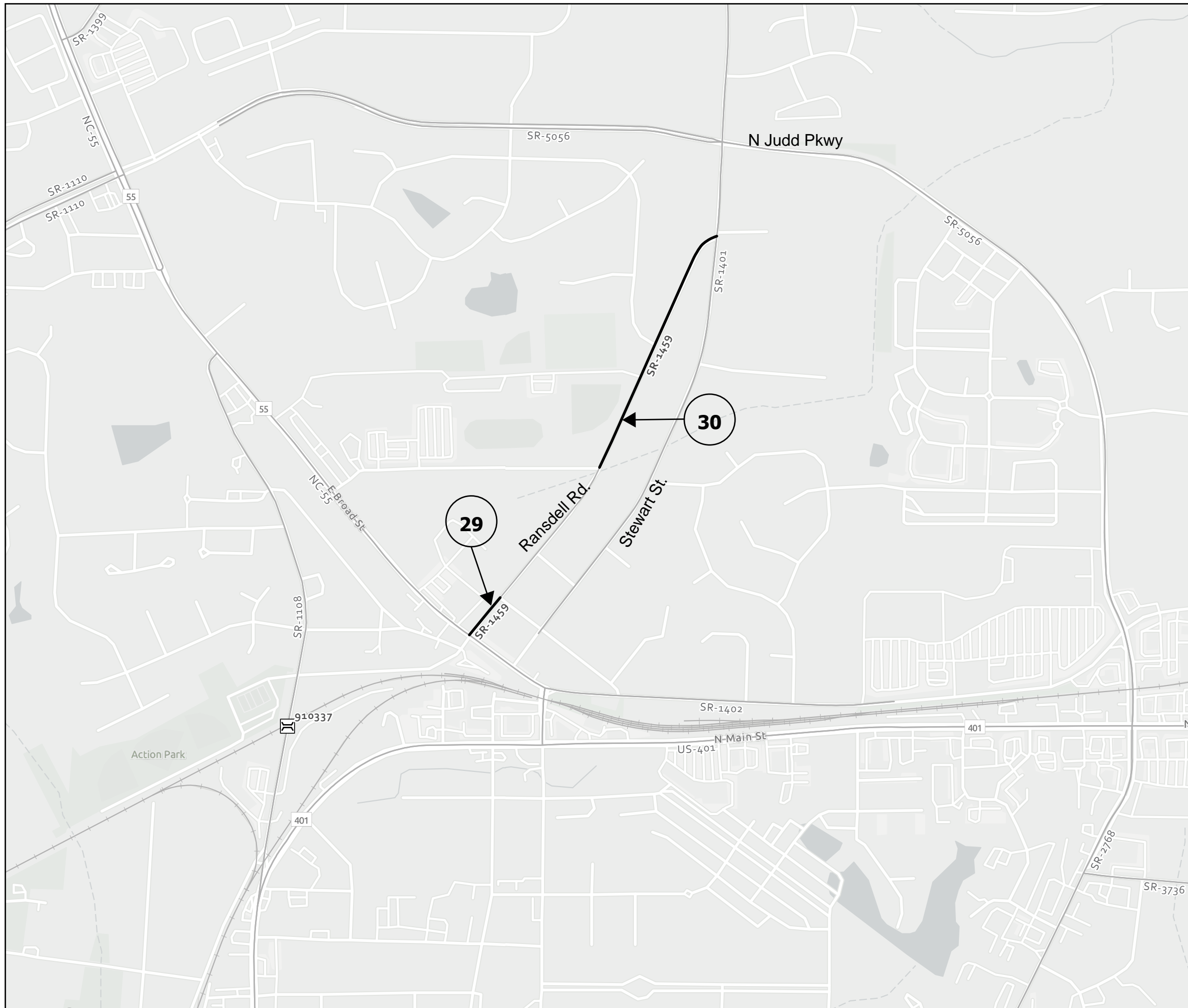
Map 28: SR 3939 (Surry Ridge Cir)  
From SR 1152 (Holly Springs Rd) to Cul-de-Sac

Map 70: SR 3940 (Cavatina Ct)  
From SR 3939 (Surry Ridge Cir) to Cul-de-Sac

Map 71: SR 3951 (St Edmunds Ln)  
From SR 1389 (Pierce Olive Rd) to Cul-de-Sac  
Milepost: 0.00 to 0.18



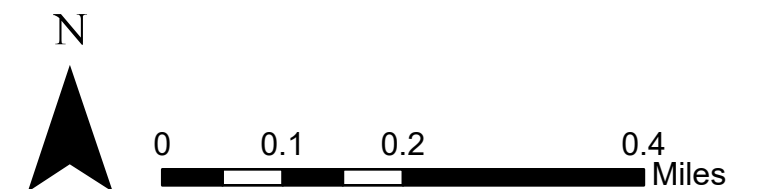


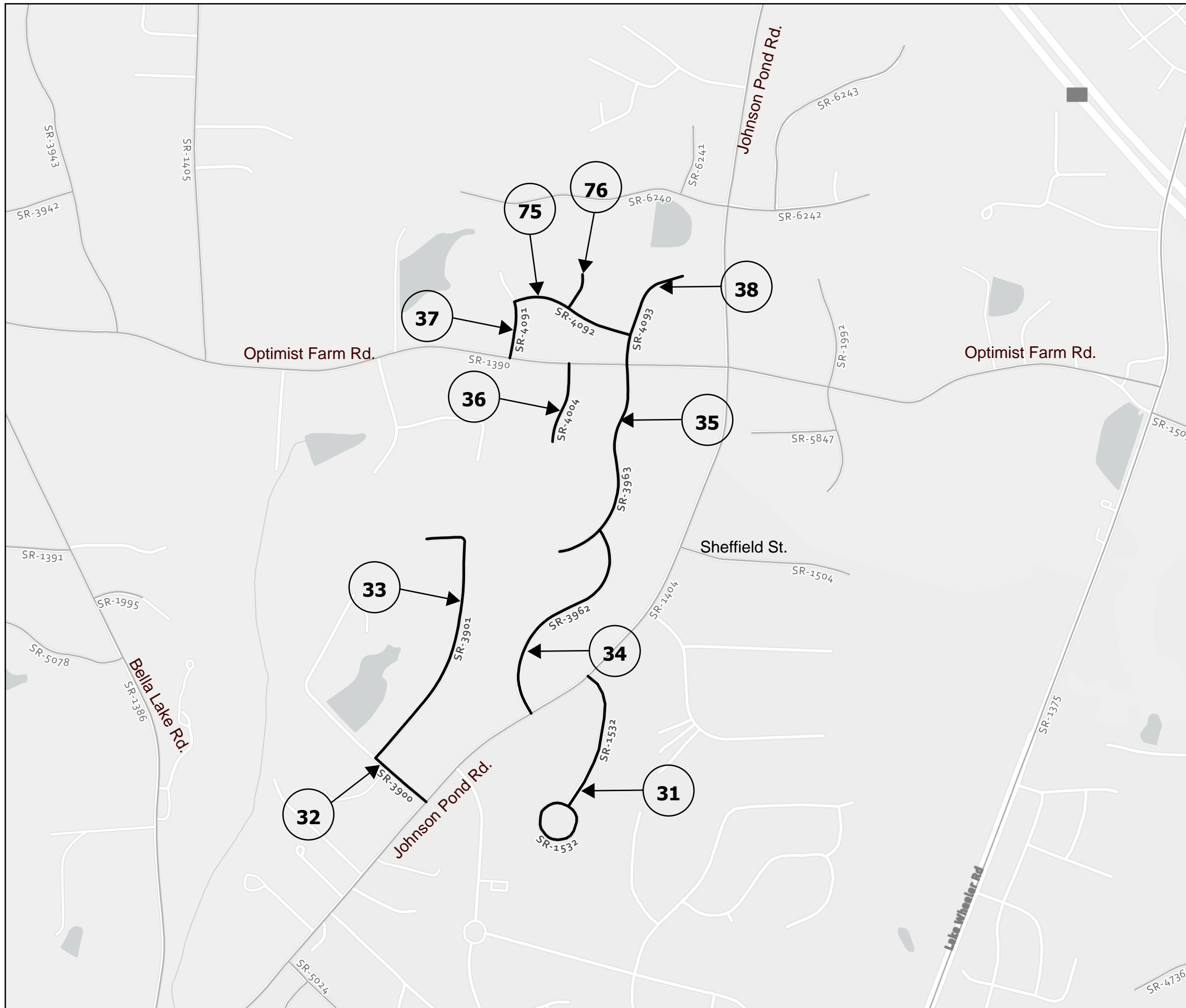


South	
PROJECT REFERENCE NO.	SHEET NO.
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Map 29: SR 1459 (Ransdell Rd)  
From NC 55 to North St

Map 30: SR 1459 (Ransdell Rd)  
From Bengal Blvd to SR 1401 (Stewart St)





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Map 31: SR 1532 (Meyerswood Dr)  
From SR 1404 (Johnson Pond Rd) to  
SR 1532 (Meyerswood Dr)

Map 32: SR 3900 (Burnside Dr)  
From SR 1404 (Johnson Pond Rd) to  
SR 3901 (Applecross Cir)

Map 33: SR 3901 (Applecross Cir)  
From SR 3900 (Burnside Dr) to Cul-de-Sac

Map 34: SR 3962 (New Oxford Dr)  
From SR 1404 (Johnson Pond Rd) to  
SR 3963 (New Brighton Dr)

Map 35: SR 3963 (New Brighton Dr)  
From SR 1390 (Optimist Farm Rd) to Cul-de-Sac

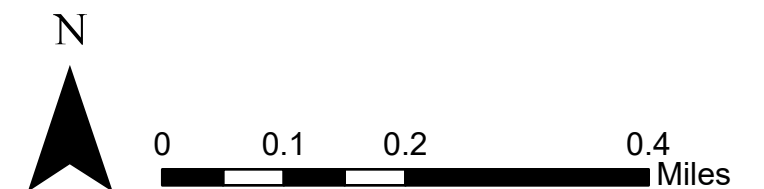
Map 36: SR 4004 (Glen Arbor Dr)  
From SR 1390 (Optimist Farm Rd) to Cul-de-Sac

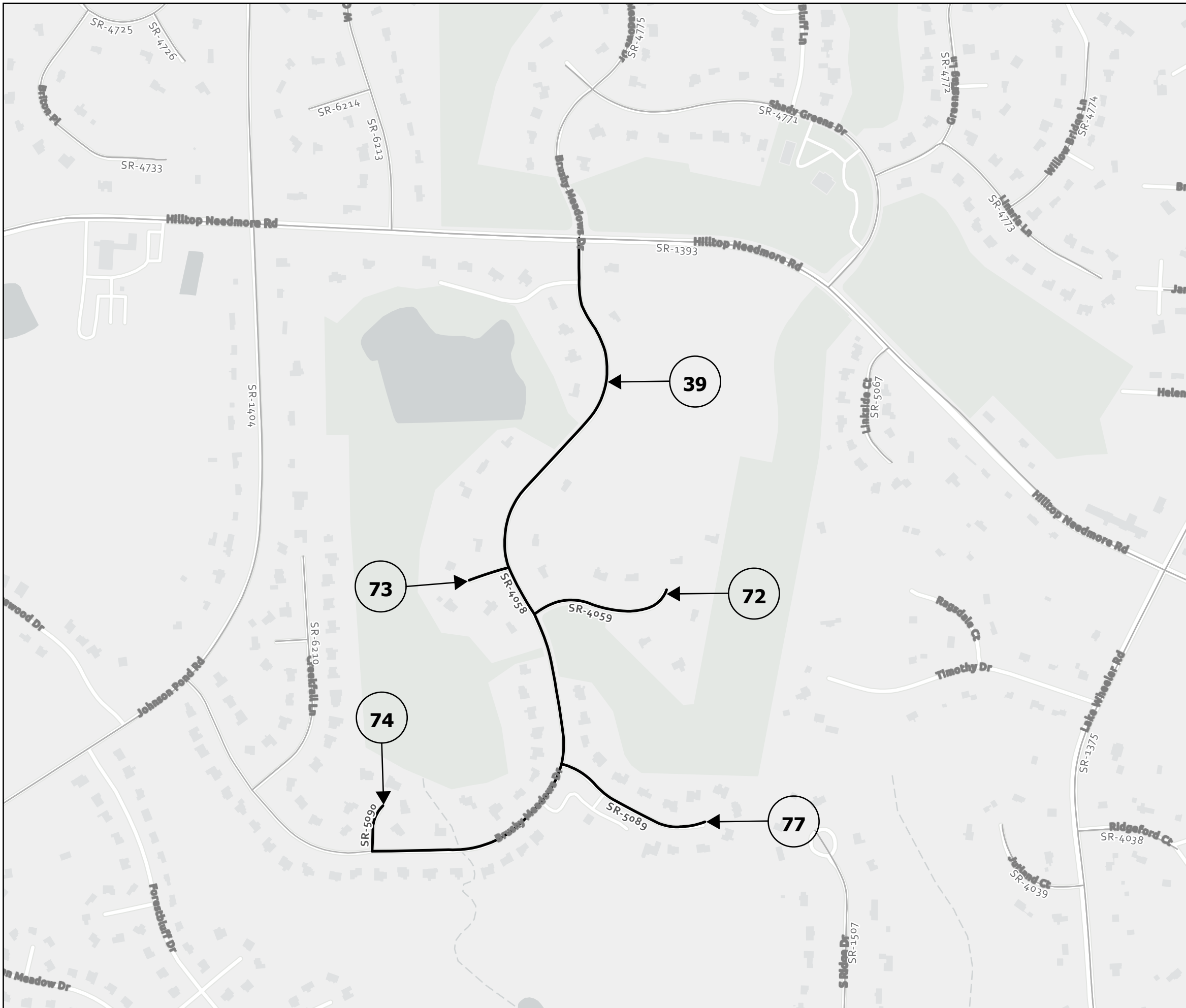
Map 37: SR 4091 (Sentimental Ln)  
From SR 1390 (Optimist Farm Rd) to Cul-de-Sac

Map 38: SR 4093 (New Brighton Dr)  
From SR 1390 (Optimist Farm Rd) to Cul-de-Sac

Map 75: SR 4092 (Cornerstone Ridge Dr)  
From SR 4091 (Sentimental Ln) to  
SR 4093 (New Brighton Dr)

Map 76: SR 4709 (Peak Ct)  
From SR 4092 (Cornerstone Ride Dr) to Cul-de-Sac





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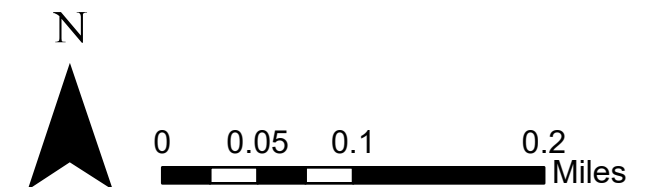
Map 39: SR 4058 (Brushy Meadows Dr)  
From SR 1393 (Hilltop Needmore Rd) to  
SR 5090 (Green Knob Ct)

Map 72: SR 4059 (Gomar Ln)  
From SR 4058 (Brushy Meadows Dr) to Cul-de-Sac

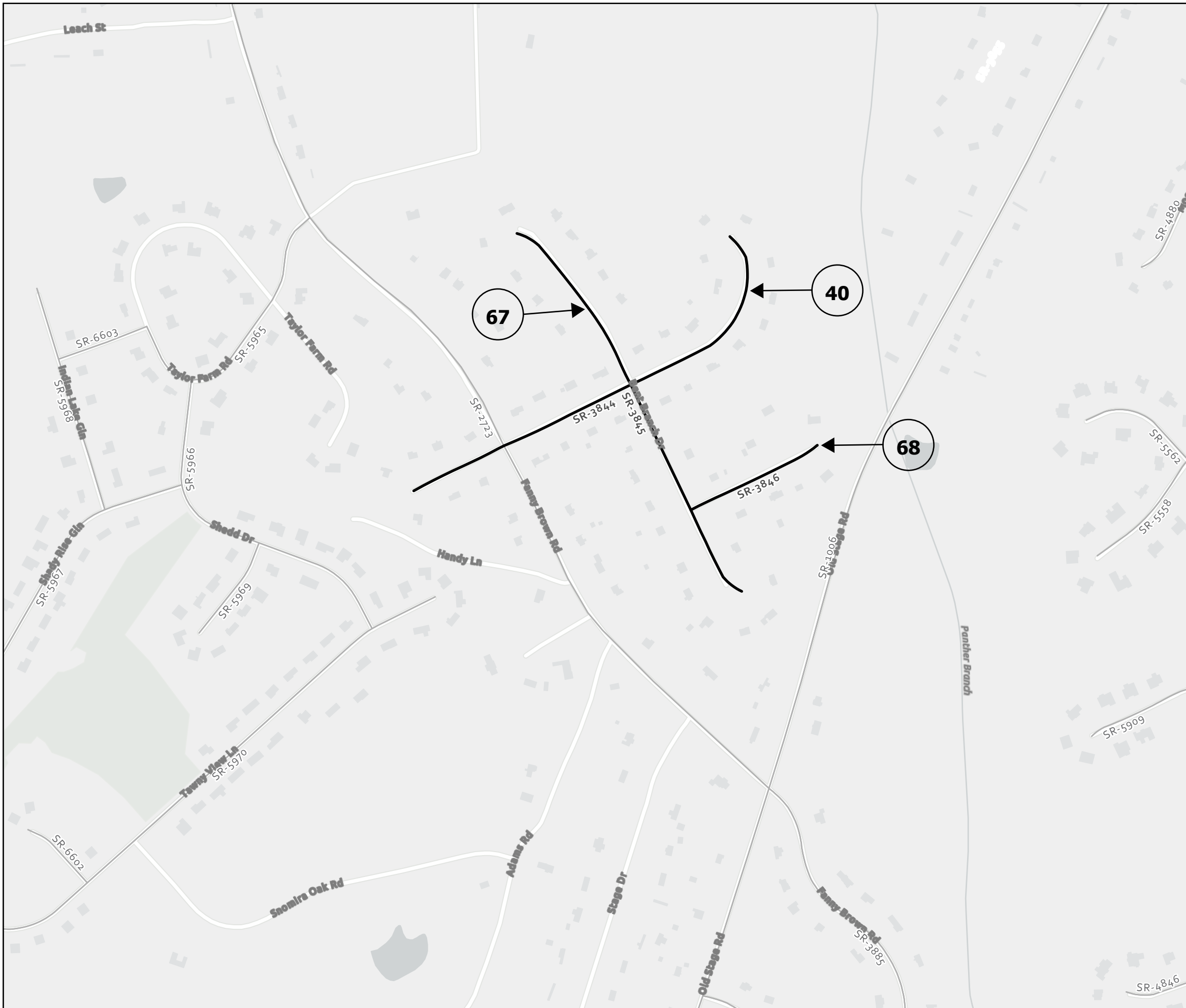
Map 73: SR 4060 (Tee Box Ct)  
From SR 4058 (Brushy Meadows Ln) to Cul-de-Sac

Map 74: SR 5090 (Green Knob Ct)  
From SR 4058 (Brushy Meadows Ln) to Cul-de-Sac

Map 77: SR 5089 (Spring Crest Ct)  
From SR 4058 (Brushy Meadows Ln) to Cul-de-Sac







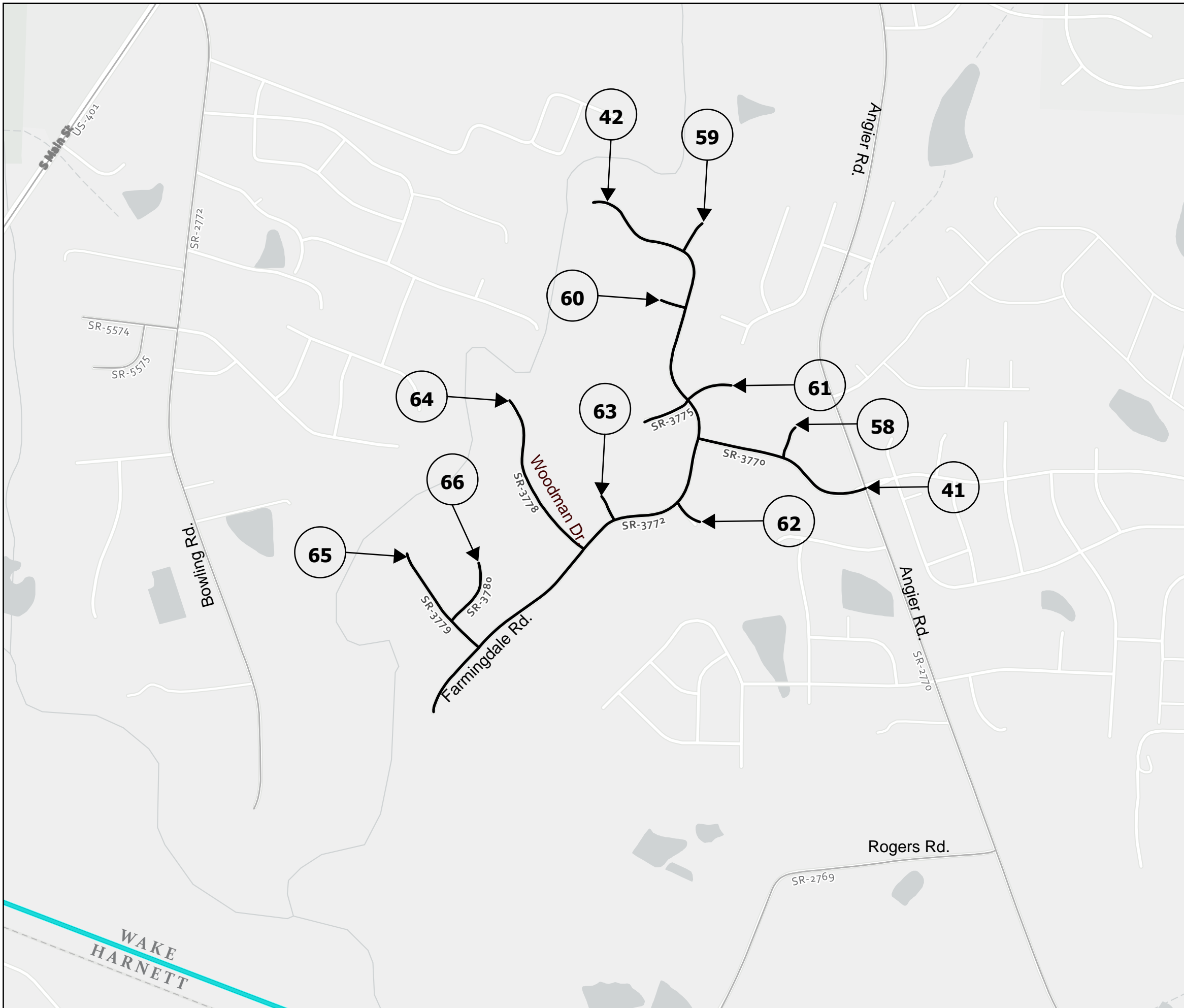
South	
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.05.08.20921.1,ETC.	<b>11</b>

Map 40: SR 3844 (Southern Oaks Dr)  
From Cul-de-Sac to Cul-de-Sac

Map 67: SR 3845 (Bent Branch Dr)  
From Cul-de-Sac to Cul-de-Sac

Map 68: SR 3846 (Oak Twig Dr)  
From SR 3845 (Bent Branch Dr) to Cul-de-Sac





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- Map 41: SR 3770 (Farmingdale Rd)  
From SR 2770 (Angier Rd) to SR 3772 (Andersonwood Dr)
- Map 42: SR 3772 (Andersonwood Dr)  
From Cul-de-Sac to Dead End
- Map 58: SR 3771 (Rocktree Ct)  
From SR 3770 (Farmingdale Rd) to Cul-de-Sac
- Map 59: SR 3773 (Haystack Cir)  
From SR 3772 (Andersonwood Dr) to Cul-de-Sac
- Map 60: SR 3774 (Bridgestone Ct)  
From SR 3772 (Andersonwood Dr) to Cul-de-Sac
- Map 61: SR 3775 (Marsha Gayle Ct)  
From Cul-de-Sac to Cul-de-Sac
- Map 62: SR 3776 (Sage Ct)  
From SR 3772 (Andersonwood Dr) to Cul-de-Sac
- Map 63: SR 3777 (Sunray Ct)  
From SR 3772 (Andersonwood Dr) to Cul-de-Sac
- Map 64: SR 3778 (Woodman Dr)  
From SR 3772 (Andersonwood Dr) to Cul-de-Sac
- Map 65: SR 3779 (Sloping Hill Ln)  
From SR 3772 (Andersonwood Dr) to Cul-de-Sac
- Map 66: SR 3780 (Walking Trl)  
From SR 3779 (Sloping Hill Ln) to Cul-de-Sac



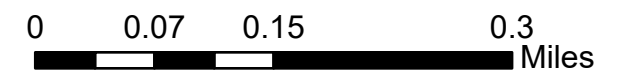
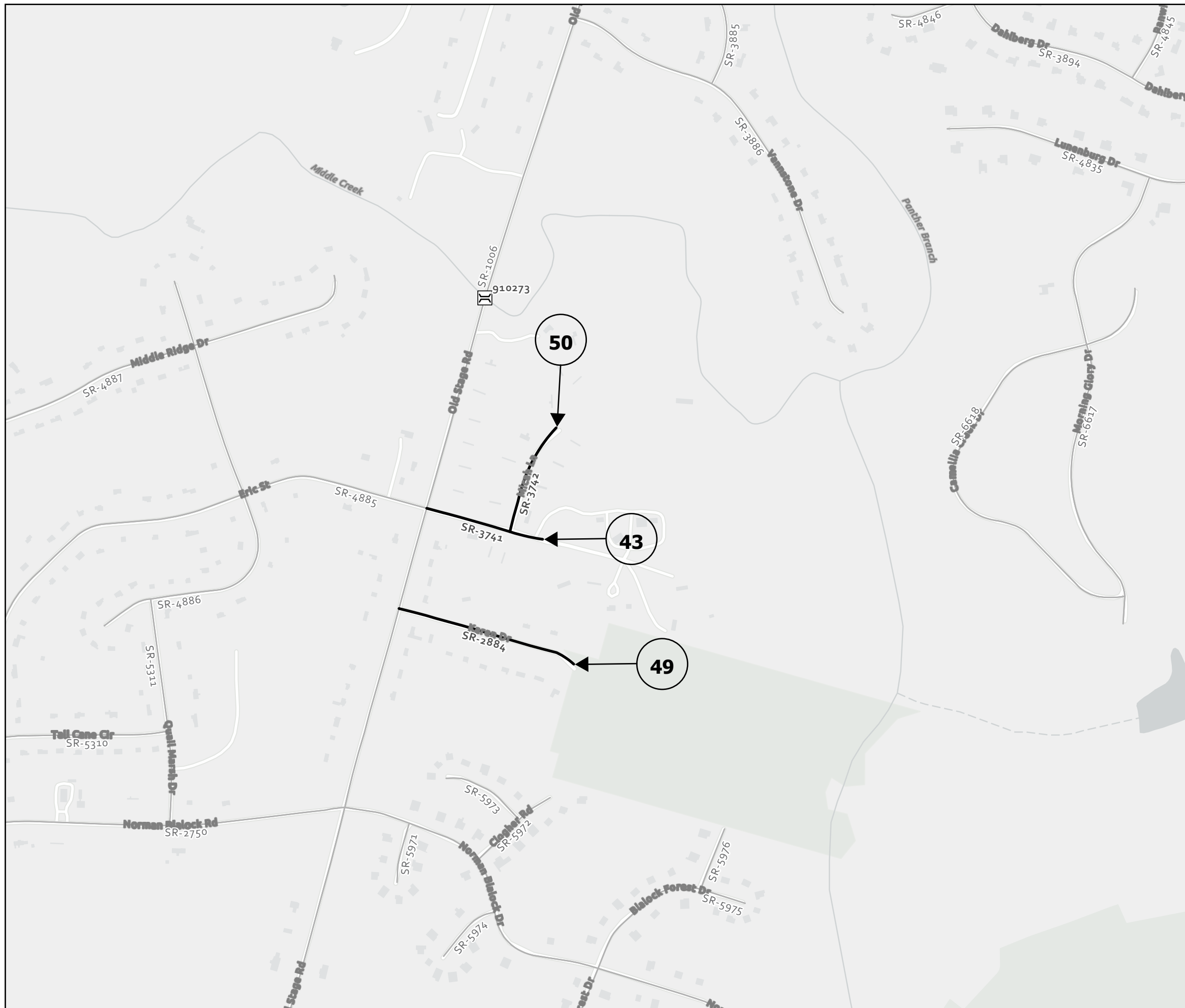
# South

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.05.08.20921.1,ETC.	13

Map 43: SR 3741 (Eric St)  
From SR 1006 (Old Stage Rd) to End Maintenance

Map 49: SR 2884 (Karen Dr)  
From SR 1006 (Old Stage Rd) to Cul-de-Sac

Map 50: SR 3742 (Micah Ln)  
From SR 3741 (Eric St) to Cul-de-Sac







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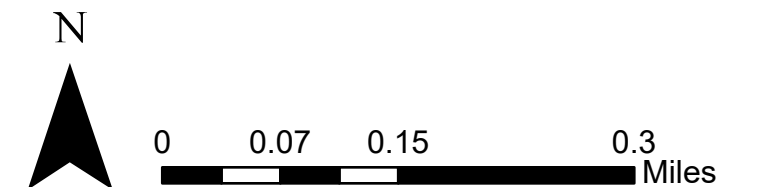
Map 44: SR 2774 (Hilltop Rd)  
From SR 2773 (Lakeview Dr) to  
SR 2715 (Woodland Rd)

Map 45: SR 2792 (Poplar Dr)  
From SR 2774 (Hilltop Rd) to  
SR 2832 (Lakeside Trl)

Map 46: SR 2832 (Lakeside Trl)  
From SR 2773 (Lakeview Dr) to  
SR 2831 (Locust Ln)

Map 47: SR 2834 (Pine Ave)  
From SR 2835 (Juniper Ave) to Hickory Ln

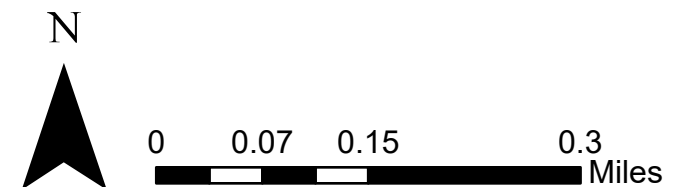
Map 48: SR 2823 (Overhill St)  
From SR 2720 (Grovemont Rd) to  
SR 2798 (Ranch Farm Rd)



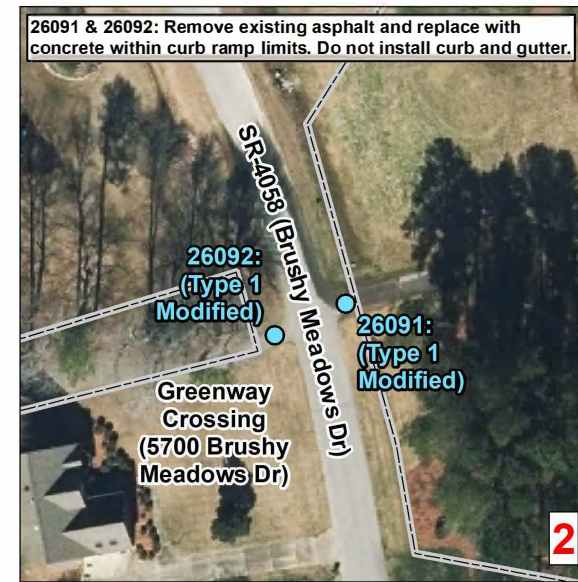
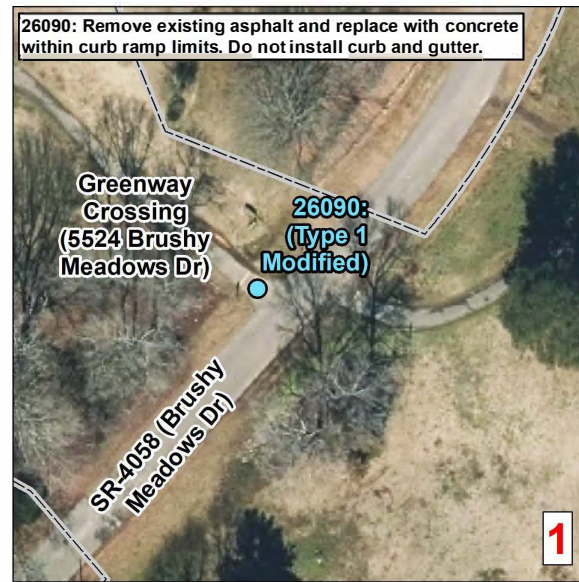
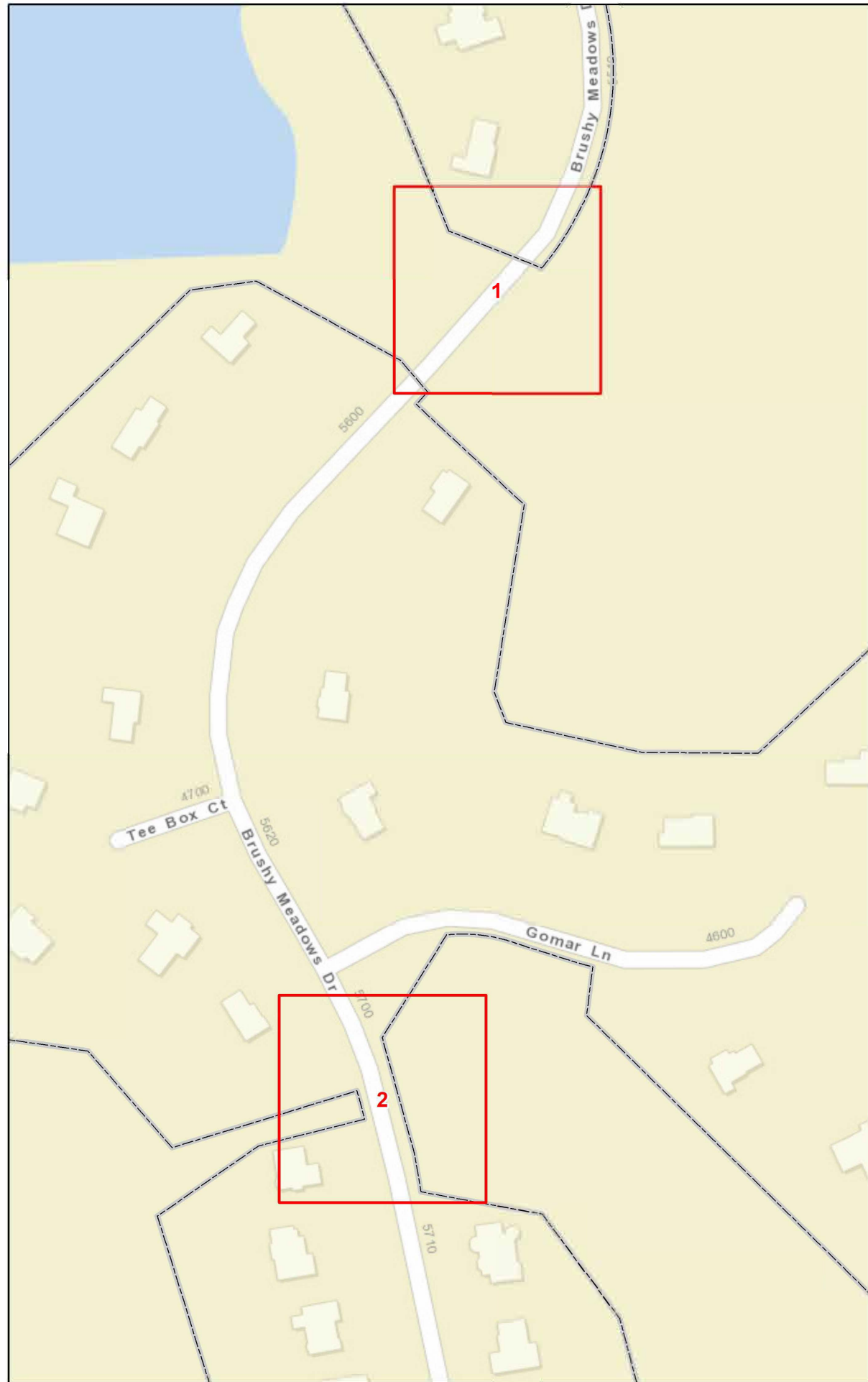


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PROJECT REFERENCE NO.	SHEET NO.
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Map 69: SR 3907 (Bentcreek Dr)  
From SR 1393 (Hilltop Needmore Rd) to Cul-de-Sac








**Curb Ramps To Be Repaired**


- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp

Municipal Boundary  
 NCHPO Historic Boundary (NR and LHD)



**South**  
Project Number: 2025CPT.05.08.20922.1

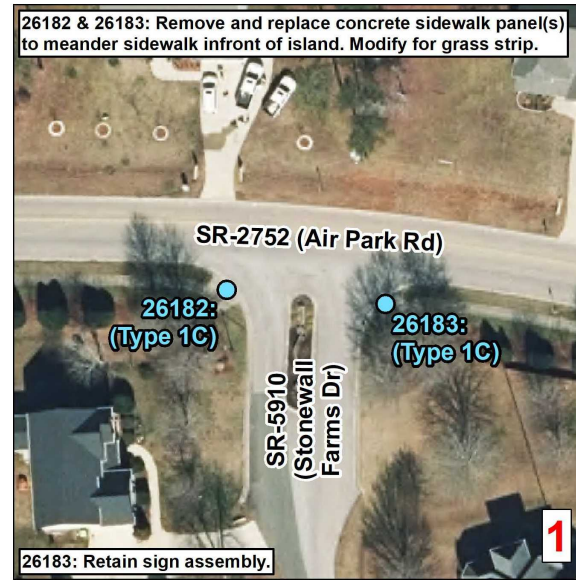
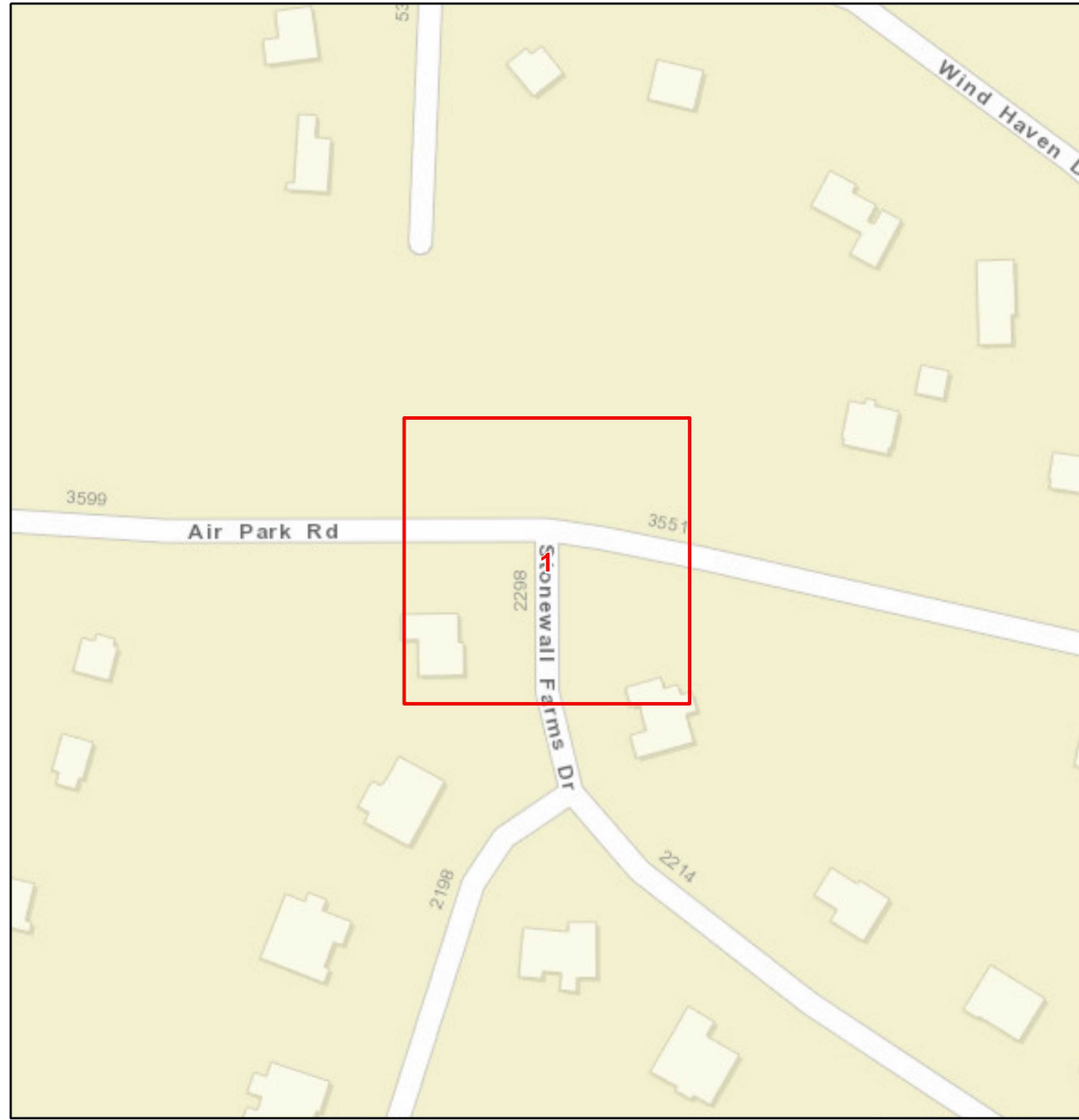
**Brushy Meadows Dr**  
From SR 1393 To SR 5090





NORTH CAROLINA DEPARTMENT  
OF TRANSPORTATION  
DIVISION 5

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO





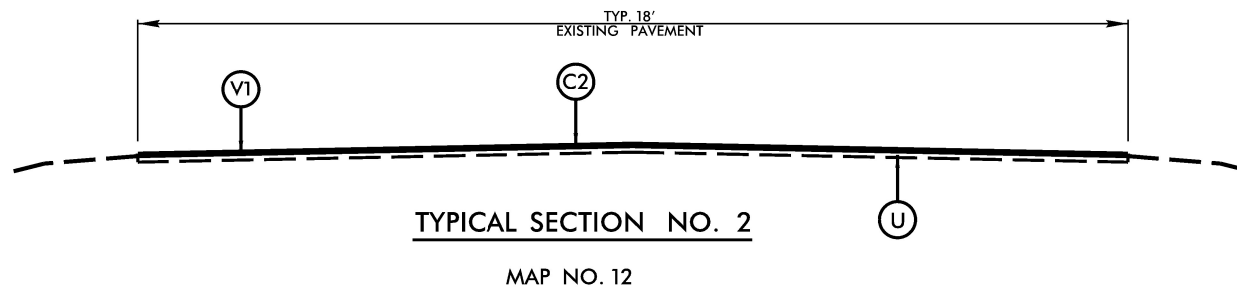
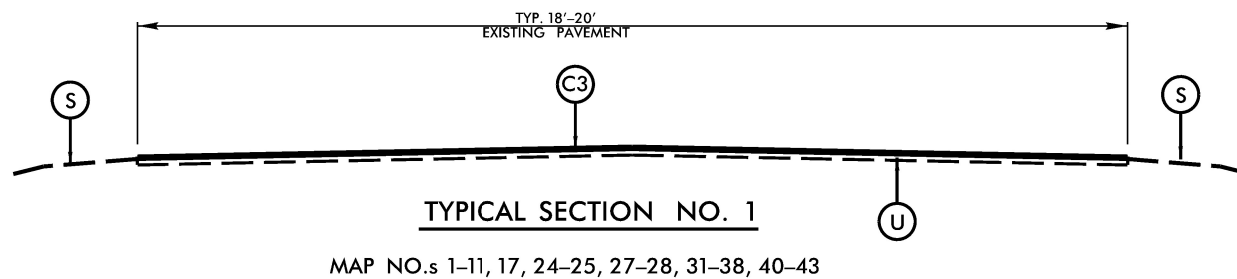
<p><b>Curb Ramps To Be Repaired</b></p> <ul style="list-style-type: none"> <li><span style="color: orange;">●</span> Retrofit</li> <li><span style="color: cyan;">●</span> Remove and Replace</li> <li><span style="color: purple;">●</span> New Curb Ramp</li> <li><span style="color: green;">●</span> Remove Ramp</li> </ul> <p> <span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Municipal Boundary  <span style="background-color: #e0e0ff; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> NCHPO Historic Boundary (NR and LHD) </p>	
<p><b>South</b>  <b>Project Number: 2025CPT.05.08.20921.1</b></p> <p><b>Air Park Rd</b>  <b>From US 401 To End Maintenance</b></p>	
 <p>NORTH CAROLINA DEPARTMENT  OF TRANSPORTATION  DIVISION 5</p>	
<p>Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO</p>	

PAVEMENT SCHEDULE

WAKE COUNTY RESURFACING

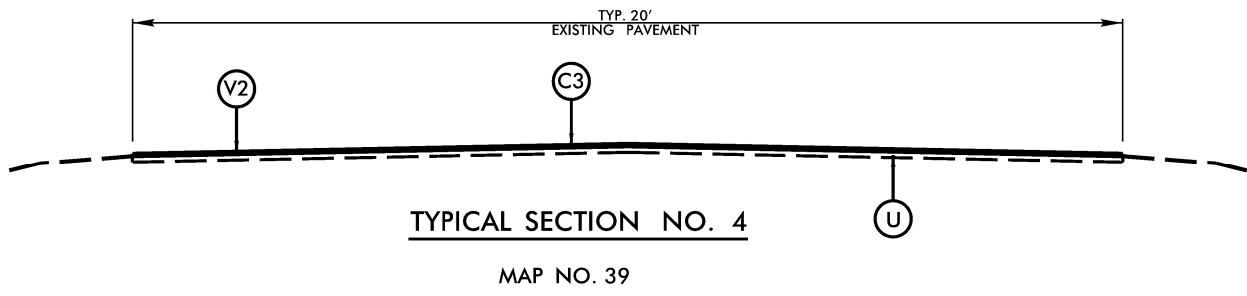
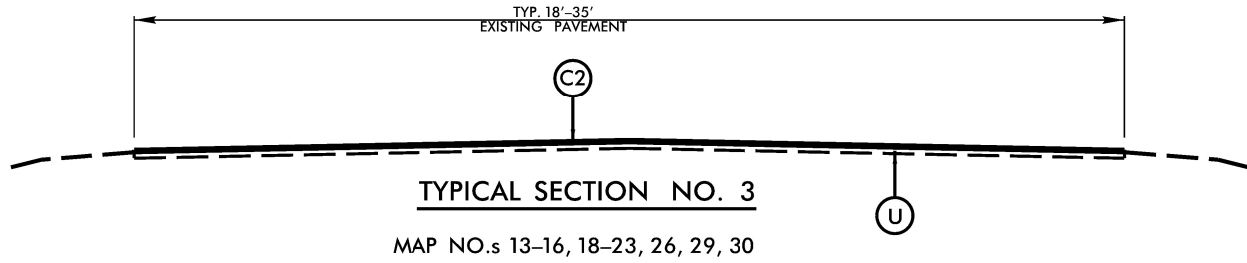
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.05.08.20921.1, ETC	18

C1	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.	V1	MILLING ASPHALT PAVEMENT, 1 1/4"
C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.	V2	MILLING ASPHALT PAVEMENT, 1'2"
C3	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.		
S	SHOULDER RECONSTRUCTION, ASB REQUIRED		
U	EXISTING PAVEMENT		



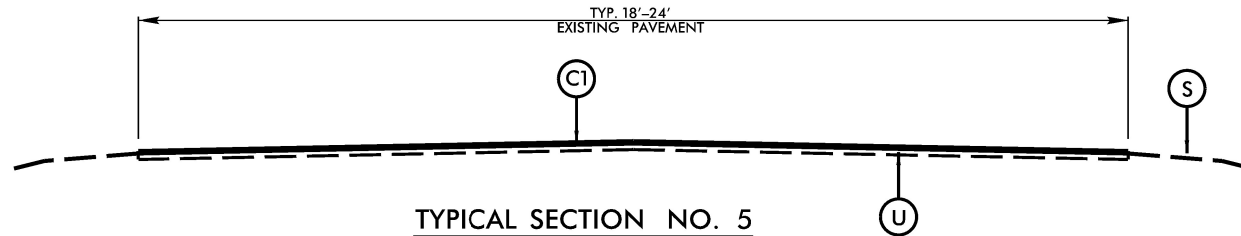
2025/05/08 10:00 AM

PAVEMENT SCHEDULE	
C1	1" S9.5B
C2	1 1/4" S9.5B
C3	1 1/2" S9.5B
S	SHOULDER RECON
U	EXIST. PAVEMENT
V1	1 1/4" MILLING
V2	1 1/2" MILLING





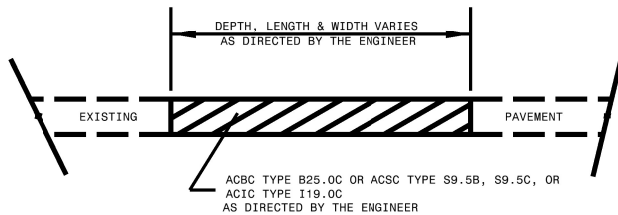
PAVEMENT SCHEDULE	
C1	1" S9.5B
C2	1 1/4" S9.5B
C3	1 1/2" S9.5B
S	SHOULDER RECON
U	EXIST. PAVEMENT
V1	1 1/4" MILLING
V2	1 1/2" MILLING



**TYPICAL SECTION NO. 5**

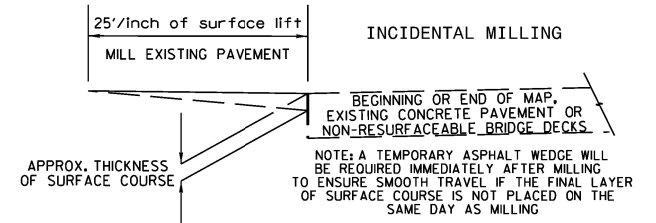
MAP NO. 44-84

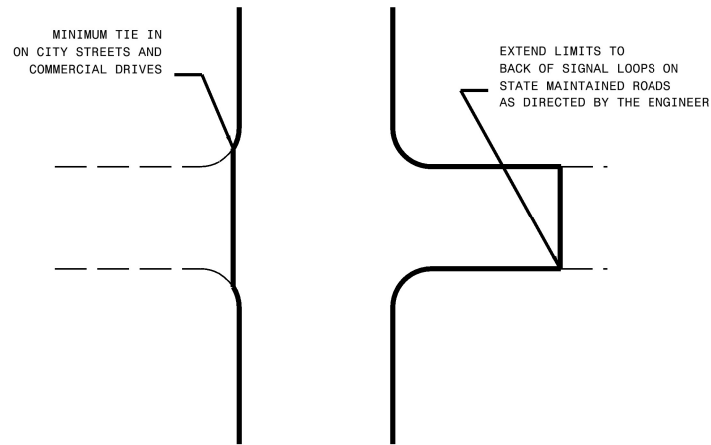
SHOULDER RECONSTRUCTION ONLY  
ON MAP 63 SR 3777 (SUNRAY CT.)



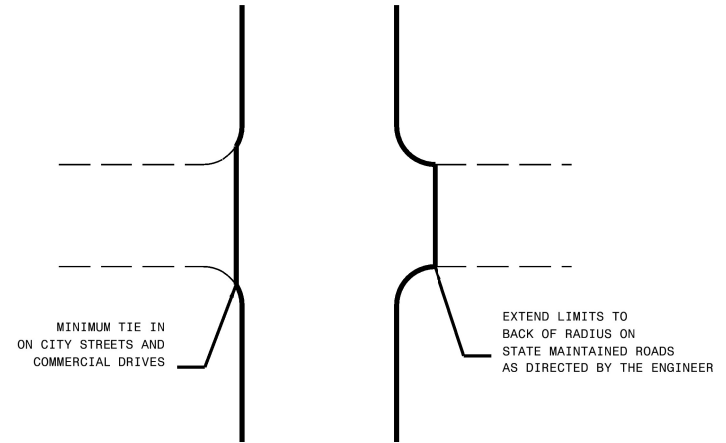
**PATCHING EXISTING PAVEMENT**

MILLING TO BE PERFORMED PRIOR TO PATCHING





TYPICAL DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

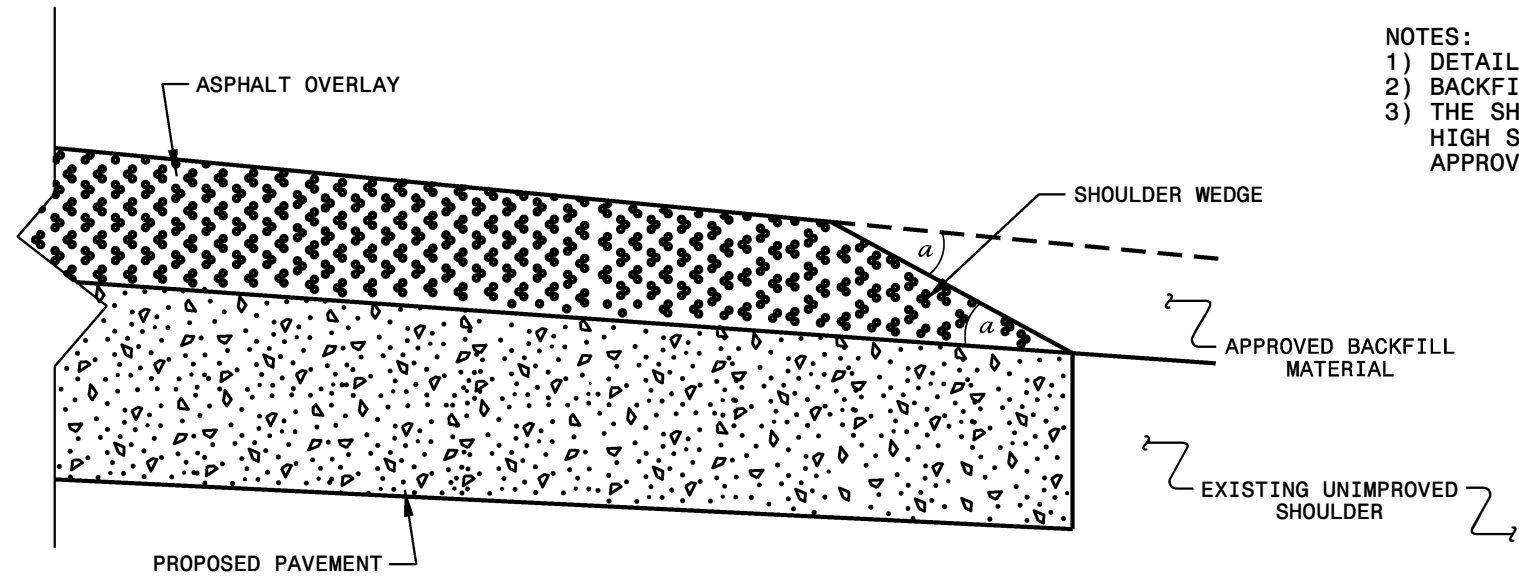
ADDITIONAL INTERSECTIONS (NON-TYPICAL)

Extend paving limits to back of radius or loop on the following intersections:

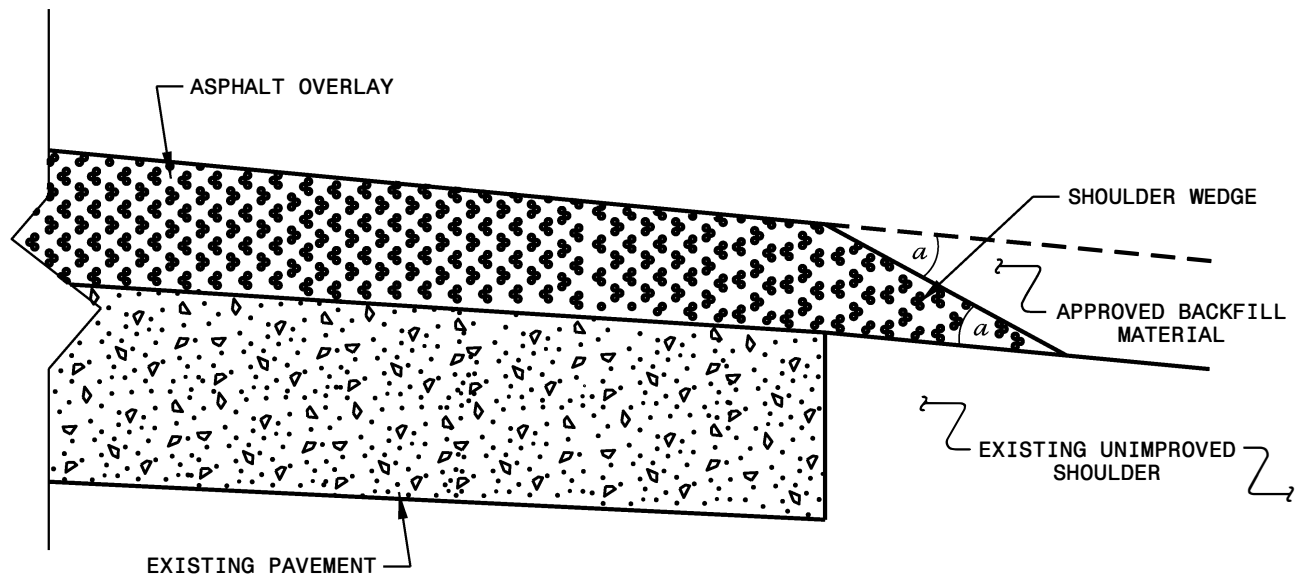
MAP#	STREET NAME	COMMENTS
N/A		

\*\*\*\*\*SYSTEMS\*\*\*\*\*

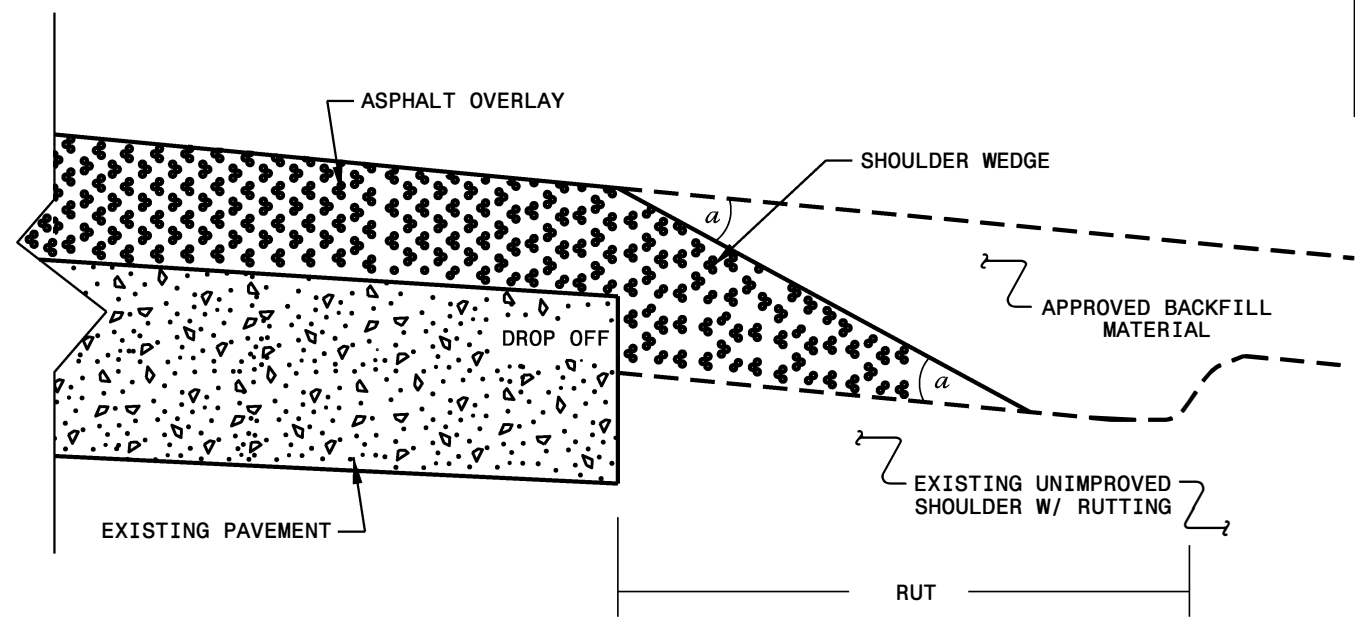
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>SHOULDER WEDGE DETAILS</b>	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn	

22 JAN-2018 09:41  
 S:\Contracts\2018\Resurfacing Projects\Division 4\I-5937 Wilson March 2018\Revised Shoulder Wedge Detail.dgn  
 P:\piper\an\USD\2018\



ADA SUMMARY OF QUANTITIES - BRUSHY MEADOWS DR FROM SR 1393 TO SR 5090

Municipality:	Fuquay-Varina
Project Number:	2025CPT.05.08.20922.1
County:	Wake

Sheet No.
23

Ramp ID	Inset Map Number	Route 1	Route 2	4447000000-E (LF) Pedestrian Channelizing Devices	4600000000-N (EA) Generic Traffic Control Item - Pedestrian Transport Service (Per Trip)	4600000000-N (EA) Generic Traffic Control Item - Audible Warning Devices	0156000000-E (SY) Removal of Existing Asphalt Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	Improvement Type
26090	1	SR-4058 (Brushy Meadows Dr)	Greenway Crossing (5524 Brushy Meadows Dr)				16		16	1	Type 1 Modified - 848.06
26091	2	SR-4058 (Brushy Meadows Dr)	Greenway Crossing (5700 Brushy Meadows Dr)				12		12	1	Type 1 Modified - 848.06
26092	2	SR-4058 (Brushy Meadows Dr)	Greenway Crossing (5700 Brushy Meadows Dr)				12		12	1	Type 1 Modified - 848.06
-	-	-	-	20	5	3	-	-	-	-	
<b>Sub-Total for Brushy Meadows Dr From SR 1393 To SR 5090</b>				<b>20</b>	<b>5</b>	<b>3</b>	<b>40</b>	<b>0</b>	<b>40</b>	<b>3</b>	

Note: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page.

ADA SUMMARY OF QUANTITIES - AIR PARK RD FROM US 401 TO END MAINTENANCE

Municipality:	Outside Municipality
Project Number:	2025CPT.05.08.20921.1
County:	Wake

Sheet No.
24

Ramp ID	Inset Map Number	Route 1	Route 2	4447000000-E (LF) Pedestrian Channelizing Devices	4600000000-N (EA) Generic Traffic Control Item - Pedestrian Transport Service (Per Trip)	4600000000-N (EA) Generic Traffic Control Item - Audible Warning Devices	0156000000-E (SY) Removal of Existing Asphalt Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove and Replace 4" Concrete Sidewalk	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	Improvement Type
26182	1	SR-2752 (Air Park Rd)	SR-5910 (Stonewall Farms Dr)							9	1	Type 1C - 848.06
26183	1	SR-2752 (Air Park Rd)	SR-5910 (Stonewall Farms Dr)							9	1	Type 1C - 848.06
-	-	-	-	8	-	-	-	8*	-	-	-	
<b>Sub-Total for Air Park Rd From US 401 To End Maintenance</b>				<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>18</b>	<b>2</b>	

Note: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) \* Contingency line item amount provided for adjustments outside of curb ramp paylimits.

ADA SUMMARY OF QUANTITIES - TOTALS

Project Number:	2025CPT.05.08.20922.1
County:	Wake

Sheet No.	25
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Project Number	County	Municipality	Resurfacing Route	4447000000-E (LF) Pedestrian Channelizing Devices	4600000000-N (EA) Generic Traffic Control Item - Pedestrian Transport Service (Per Trip)	4600000000-N (EA) Generic Traffic Control Item - Audible Warning Devices	0156000000-E (SY) Removal of Existing Asphalt Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove and Replace 4" Concrete Sidewalk	2612500000-N (EA) Remove and Replace Concrete Curb Ramps
2025CPT.05.08.20922.1	Wake	Fuquay-Varina	Brushy Meadows Dr From SR 1393 To SR 5090	20	5	3	40	0	40	0	3
2025CPT.05.08.20921.1	Wake	Outside Municipality	Air Park Rd From US 401 To End Maintenance	8	0	0	0	8	0	18	2
<b>GRAND TOTAL</b>				<b>28</b>	<b>5</b>	<b>3</b>	<b>40</b>	<b>8</b>	<b>40</b>	<b>18</b>	<b>5</b>



PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.05.08.20921.1, ETC	26	

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	015600000-E	122000000-E	124500000-E	126000000-E	129700000-E	129700000-E	133000000-E	151900000-E	157500000-E	170400000-E	254900000-E	259100000-E	261250000-N	273800000-E	283000000-N	284500000-N	460000000-N	744400000-E			
								REMOVAL OF EXISTING ASPHALT PAVEMENT	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1 1/4" MILLING	1 1/2" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	2'-6" CURB & GUTTER	4" CONCRETE SIDEWALK	REMOVE AND REPLACE CONCRETE CURB RAMPS	GENERIC PAVING ITEM, REMOVE AND REPLACE 4" CONCRETE SIDEWALK	ADJUST MANHOLES	ADJUST METER OR VALVE BOX	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE	INDUCTIVE LOOP SAWCUT		
								SY	TONS	SMI	TON	SY	SY	SY	TONS	TON	TONS	LF	SY	EA	SY	EA	EA	EA	EA	EA	EA	
	MI	FT																										
			1	SR-1224 / OLD STAGECOACH LN	FROM SR 1006 TO SR 3855	1	0.062	20		3	0.12	11		395	77	6	15											
			2	SR-1226 / GIRTH LN	FROM SR 3855 TO CUL-DE-SAC	1	0.098	18		0	0.20	18		536	131	9	15											
			3	SR-1227 / FARRIER CT	FROM SR 3855 TO CUL-DE-SAC	1	0.03	18		2	0.06	6		536	71	5	10											
			4	SR-3855 / PASSENGER PL	FROM NORTH CUL-DE-SAC TO SOUTH CUL-DE-SAC	1	0.625	20		31	1.25	116		855	681	46	39											
			5	SR-4811 / BUCKBOARD LN	FROM SR 3855 TO CUL-DE-SAC	1	0.057	18		3	0.11	11		543	95	7	15											
			6	SR-4810 / LIVERY WAY	FROM WEST CUL-DE-SAC TO EAST CUL-DE-SAC	1	0.195	18		10	0.39	36		1,258	261	18	15											
			7	SR-4812 / HORSE BUGGY DR	FROM SR 4810 TO CUL-DE-SAC	1	0.038	18		2	0.08	7		536	78	6	10											
			8	SR-3764 / STAGELINE DR	FROM SR 1006 TO SR 3855	1	0.367	20		18	0.73	68		830	417	31	86	207										
			9	SR-3813 / RELAY WAY	FROM SR 3764 TO CUL-DE-SAC	1	0.081	18		4	0.16	15		548	116	8	10											
			10	SR-3765 / CARRIER WAY	FROM SR 3764 TO CUL-DE-SAC	1	0.09	18		5	0.18	17		562	124	9	15											
			11	SR-3836 / QUAIL POINT DR	FROM SR 1006 TO CUL-DE-SAC	1	0.11	18		5	0.22	20		427	141	11	40											
			12	SR-3835 / SHIELD CIR	FROM WEST SR 2724 TO EAST SR 2724	2	0.416	18				4,390		203	334	23	36											
			13	SR-3724 / BARE CREEK LN	FROM SR 2849 TO CUL-DE-SAC	3	0.136	18						514	138	10	15											
			14	SR-3864 / HIGHGATE RD	FROM SR 2849 TO CUL-DE-SAC	3	0.387	19						641	352	24	15											
			15	SR-3865 / DOLPHIN PL	FROM SR 3864 TO CUL-DE-SAC	3	0.073	20						653	87	6	10											
			16	SR-2885 / CHELSEA DR	FROM SR 2724 TO SR 3864	3	0.214	20						274	199	14	15											
			17	SR-2752 / AIR PARK RD	FROM US 401 TO END MAINTENANCE	1	0.634	20		32	1.27	117			743	48		1,268		2.0	18				195			
			18	SR-3786 / DUNALLIE DR	FROM SR 2752 TO CUL-DE-SAC	3	0.259	20						700	272	18	15	93				1						
			19	SR-3717 / APRIL WIND DR	FROM DEAD END TO CUL-DE-SAC	3	0.233	20						427	234	16	15											
			20	SR-3716 / WIND HAVEN DR	FROM SR 2752 TO SR 3717	3	0.203	20						575	203	14	15											
			21	SR-3755 / SOFT WIND DR	FROM SR 2752 TO SR 3757	3	0.616	20						593	562	42	114											
			22	SR-3756 / LAURA ASHLEY CIR	FROM CUL-DE-SAC TO CUL-DE-SAC	3	0.242	20						1,098	263	21	78											
			23	SR-3757 / LORENA LYNN CT	FROM EAST CUL-DE-SAC TO WEST CUL-DE-SAC	3	0.201	20						1,016	220	15	15											
			24	SR-2726 / HARVEY JOHNSON RD	FROM SR 2727 TO SR 2725	1	0.687	20		34	1.37	127		560	736	49	15											
			25	SR-3745 / SOUTH MEADOW RD	FROM SR 2727 TO DEAD END	1	0.866	20		43	1.73	160		176	928	68	158											
			26	SR-5375 / BROTHERS WAY	FROM SR 2728 TO SR 5376	3	0.189	20						1,783	216	15	15	215				2						
			27	SR-1372 / MID PINES RD	FROM BEGIN PAVEMENT TO SR 1009	1	1.07	20		54	2.14	198		58	1,146	82	161											
			28	SR-3939 / SURRY RIDGE CIR	FROM SR 1152 TO CUL-DE-SAC	1	0.48	18		24	0.96	89		427	494	33	15											
			29	SR-1459 / RANDELL RD	FROM NC 55 TO NORTH ST	3	0.066	35						153	103	7	15	700				2	12					
			30	SR-1459 / RANDELL RD	FROM NEW PAVEMENT JOINT AT BUS ENTRANCE TO SR 1401	3	0.186	22							182	13	15											
			31	SR-1532 / MEYERSWOOD DR	FROM SR 1404 TO SR 1532	1	0.331	20		17	0.66	61		110	360	24	15											
			32	SR-3900 / BURNSIDE DR	FROM SR 1404 TO SR 3901	1	0.088	20		4	0.18	16		56	94	6												
			33	SR-3901 / APPLECROSS CIR	FROM SR 3900 TO CUL-DE-SAC	1	0.365	20		18	0.73	68		1,409	462	35	108											
			34	SR-3962 / NEW OXFORD DR	FROM SR 1404 TO SR 3963	1	0.288	20		14	0.58	53		258	314	22	32											
			35	SR-3963 / NEW BRIGHTON DR	FROM SR 1390 TO CUL-DE-SAC	1	0.273	20		14	0.55	50		427	318	24	76											
			36	SR-4004 / GLEN ARBOR DR	FROM SR 1390 TO CUL-DE-SAC	1	0.1	18		5	0.20	19		608	133	9	15											
			37	SR-4091 / SENTIMENTAL LN	FROM SR 1390 TO CUL-DE-SAC	1	0.114	20		6	0.23	21		609	156	11	15											
			38	SR-4093 / NEW BRIGHTON DR	FROM SR 1390 TO CUL-DE-SAC	1	0.144	20		7	0.29	27		619	185	13	15											
			39	SR-4058 / BRUSHY MEADOWS DR	FROM SR 1393 TO SR 5090	4	0.713	20	40.0				8,192	198	508	36	61	325	40	3.0			3	5				
			40	SR-3844 / SOUTHERN OAKS DR	FROM CUL-DE-SAC TO CUL-DE-SAC	1	0.326	20		16	0.65	60		1,288	434	29	15	244										
			41	SR-3770 / FARMINGDALE RD	FROM SR 2770 TO SR 3772	1	0.219	20		11	0.44	40		439	250	20	86											
			42	SR-3772 / ANDERSONWOOD DR	FROM CUL-DE-SAC TO DEAD END	1	0.902	20		45	1.80	167		427	977	66	44						1					
			43	SR-3741 / ERIC ST	FROM SR 1006 TO CUL-DE-SAC	1	0.115	18		6	0.23	21		146	13	83												
				<b>TOTAL FOR PROJ NO. 2025CPT.05.08.20921.1</b>			<b>12.889</b>			<b>40.0</b>	<b>433</b>	<b>17.51</b>	<b>1,619</b>	<b>4,390</b>	<b>8,192</b>	<b>23,325</b>	<b>13,941</b>	<b>982</b>	<b>1,572</b>	<b>3,052</b>	<b>40</b>	<b>5.0</b>	<b>18</b>	<b>3</b>	<b>15</b>	<b>3</b>	<b>5</b>	<b>195</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.05.08.20921.1, ETC	27	

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	015600000-E	122000000-E	124500000-E	126000000-E	129700000-E	129700000-E	133000000-E	151900000-E	157500000-E	170400000-E	254900000-E	259100000-E	261250000-N	273800000-E	283000000-N	284500000-N	460000000-N		744400000-E			
								REMOVAL OF EXISTING ASPHALT PAVEMENT	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1 1/4" MILLING	1 1/2" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	2'-6" CURB & GUTTER	4" CONCRETE SIDEWALK	REMOVE AND REPLACE CONCRETE CURB RAMPS	GENERIC PAVING ITEM, REMOVE AND REPLACE 4" CONCRETE SIDEWALK	ADJUST MANHOLES	ADJUST METER OR VALVE BOX	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE	INDUCTIVE LOOP SAWCUT			
								SY	TONS	SMI	TON	SY	SY	SY	TONS	TON	TONS	LF	SY	EA	SY	EA	EA	EA	EA	EA	LF		
			44	SR-2774 / HILLTOP RD		FROM SR 2773 TO SR 2715	5	0.085	20					217	61	5	15												
			45	SR-2792 / POPLAR DR		FROM SR 2774 TO SR 2832	5	0.265	18					366	179	12	15												
			46	SR-2832 / LAKESIDE TRL		FROM SR 2773 TO SR 2831	5	0.246	19					534	182	13	15												
			47	SR-2834 / PINE AVE		FROM SR 2835 TO HICKORY LN	5	0.213	19					149	144	9													
			48	SR-2823 / OVERHILL ST		FROM SR 2720 TO SR 2798	5	0.087	20					180	62	9	99												
			49	SR-2884 / KAREN DR		FROM SR 1006 TO CUL-DE-SAC	5	0.181	18					427	138	12	56												
			50	SR-3742 / MICAH LN		FROM SR 3741 TO CUL-DE-SAC	5	0.11	18					580	94	8	48												
			51	SR-3746 / FULL MEADOW PL		FROM SR 3745 TO CUL-DE-SAC	5	0.034	18					584	45	3													
			52	SR-3747 / HAY MEADOW CT		FROM SR 3745 TO CUL-DE-SAC	5	0.098	18					547	93	7	15												
			53	SR-3748 / MEADOW SWEET CT		FROM SR 3745 TO CUL-DE-SAC	5	0.044	18					552	56	4													
			54	SR-3749 / MEADOW RUE PL		FROM SR 3745 TO CUL-DE-SAC	5	0.053	18					566	61	4	10												
			55	SR-3750 / TREE MEADOW LN		FROM SR 3745 TO CUL-DE-SAC	5	0.032	18					587	49	3													
			56	SR-3782 / TALLGRASS RD		FROM SR 3745 TO CUL-DE-SAC	5	0.133	18					629	111	8	15												
			57	SR-3781 / FARM MEADOW RD		FROM SR 3745 TO DEAD END	5	0.095	19					217	70	5													
			58	SR-3771 / ROCKTREE CT		FROM SR 3770 TO CUL-DE-SAC	5	0.034	20					544	45	3	10							2					
			59	SR-3773 / HAYSTACK CIR		FROM SR 3772 TO CUL-DE-SAC	5	0.033	20					656	51	3													
			60	SR-3774 / BRIDGESTONE CT		FROM SR 3772 TO CUL-DE-SAC	5	0.031	20					653	50	3									3				
			61	SR-3775 / W MARSHA GAYLE CT/E MARSHA GAYLE CT		FROM WEST CUL-DE-SAC TO EAST CUL-DE-SAC	5	0.121	20					1,400	136	10	15								3				
			62	SR-3776 / SAGE CT		FROM SR 3772 TO CUL-DE-SAC	5	0.035	21					623	54	4	15												
			63	SR-3777 / SUNRAY CT		FROM SR 3772 TO CUL-DE-SAC	5	0.032	24					555	46	3	10								2				
			64	SR-3778 / WOODMAN DR		FROM SR 3772 TO CUL-DE-SAC	5	0.22	20					676	182	13	15												
			65	SR-3779 / SLOPING HILL LN		FROM SR 3772 TO CUL-DE-SAC	5	0.15	20					629	131	9													
			66	SR-3780 / WALKING TRL		FROM SR 3779 TO CUL-DE-SAC	5	0.086	20					679	88	6	15												
			67	SR-3845 / BENT BRANCH DR		FROM NORTH CUL-DE-SAC TO SOUTH CUL-DE-SAC	5	0.316	18					1,122	250	17	21								3				
			68	SR-3846 / OAK TWIG DR		FROM SR 3845 TO CUL-DE-SAC	5	0.106	18					569	92	6													
			69	SR-3907 / BENTCREEK DR		FROM SR 1393 TO CUL-DE-SAC	5	0.448	20					427	329	22	15												
			70	SR-3940 / CAVATINA CT		FROM SR 3939 TO CUL-DE-SAC	5	0.095	19					725	93	6													
			71	SR-3951 / ST EDMUNDS LN		FROM SR 1389 TO CUL-DE-SAC	5	0.165	19					544	132	9	15												
			72	SR-4059 / GOMAR LN		FROM SR 4058 TO CUL-DE-SAC	5	0.119	20					540	107	8	15												
			73	SR-4060 / TEE BOX CT		FROM SR 4058 TO CUL-DE-SAC	5	0.032	20					544	51	3													
			74	SR-5090 / GREEN KNOB CT		FROM SR 4058 TO CUL-DE-SAC	5	0.039	20					550	55	4													
			75	SR-4092 / CORNERSTONE RIDGE DR		FROM SR 4091 TO SR 4093	5	0.16	20					255	120	9	15												
			76	SR-4709 / PEAK CT		FROM SR 4092 TO CUL-DE-SAC	5	0.049	20					536	62	4	10												
			77	SR-5089 / SPRING CREST CT		FROM SR 4058 TO CUL-DE-SAC	5	0.135	20					536	117	8													
			78	SR-5376 / MINNIE DR		FROM EAST DEAD END TO WEST DEAD END	5	0.598	20						426	30	43												
			79	SR-5377 / RED INN CT		FROM SR 5376 TO CUL-DE-SAC	5	0.124	20					552	110	8	10												
			80	SR-5378 / GREEN TAP CT		FROM SR 5376 TO CUL-DE-SAC	5	0.038	20					543	55	4										2			
			81	SR-5379 / IRENE WAY		FROM SR 5376 TO DEAD END	5	0.92	20					206	660	44	15												
			82	SR-5380 / GW CT		FROM SR 5379 TO CUL-DE-SAC	5	0.078	20					547	80	5													
			83	SR-5381 / HUBO CT		FROM SR 5379 TO CUL-DE-SAC	5	0.032	20					562	51	4	10												
			84	SR-5382 / CHESTERS HOLLOW DR		FROM SR 5379 TO DEAD END	5	0.251	20					134	180	12													
<b>TOTAL FOR PROJ NO. 2025CPT.05.08.20922.1</b>								<b>6.123</b>			<b>2</b>	<b>0.06</b>	<b>1</b>		<b>21,442</b>	<b>5,098</b>	<b>359</b>	<b>537</b>						<b>15</b>					
<b>GRAND TOTAL</b>								<b>19.012</b>			<b>40.0</b>	<b>435</b>	<b>17.57</b>	<b>1,620</b>	<b>4,390</b>	<b>8,192</b>	<b>44,767</b>	<b>19,039</b>	<b>1,341</b>	<b>2,109</b>	<b>3,052</b>	<b>40</b>	<b>5.0</b>	<b>18</b>	<b>3</b>	<b>30</b>	<b>3</b>	<b>5</b>	<b>195</b>

2025CPT.05.08.20922.1

Wake

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.05.08.20921.1, ETC	28	

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH		441300000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	444700000-E PEDESTRIAN CHANNELIZING DE- VICES	445700000-N TEMPORARY TRAFFIC CONTROL	451000000-N LAW ENFORCEMENT	468500000-E		470900000-E		
						MI	FT					24" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO			
						SF	LF					LS	HR		LF	LF
		1	SR-1224 / OLD STAGECOACH LN	FROM SR 1006 TO SR 3855	1	0.062	20	7								
		2	SR-1226 / GIRTH LN	FROM SR 3855 TO CUL-DE-SAC	1	0.098	18	11								
		3	SR-1227 / FARRIER CT	FROM SR 3855 TO CUL-DE-SAC	1	0.03	18	3								
		4	SR-3855 / PASSENGER PL	FROM NORTH CUL-DE-SAC TO SOUTH CUL-DE-SAC	1	0.625	20	70								
		5	SR-4811 / BUCKBOARD LN	FROM SR 3855 TO CUL-DE-SAC	1	0.057	18	6								
		6	SR-4810 / LIVERY WAY	FROM WEST CUL-DE-SAC TO EAST CUL-DE-SAC	1	0.195	18	22								
		7	SR-4812 / HORSE BUGGY DR	FROM SR 4810 TO CUL-DE-SAC	1	0.038	18	4								
		8	SR-3764 / STAGELINE DR	FROM SR 1006 TO SR 3855	1	0.367	20	41								
		9	SR-3813 / RELAY WAY	FROM SR 3764 TO CUL-DE-SAC	1	0.081	18	9								
		10	SR-3765 / CARRIER WAY	FROM SR 3764 TO CUL-DE-SAC	1	0.09	18	10								
		11	SR-3836 / QUAIL POINT DR	FROM SR 1006 TO CUL-DE-SAC	1	0.11	18	12								
		12	SR-3835 / SHIELD CIR	FROM WEST SR 2724 TO EAST SR 2724	2	0.416	18	47								
		13	SR-3724 / BARE CREEK LN	FROM SR 2849 TO CUL-DE-SAC	3	0.136	18	15								
		14	SR-3864 / HIGHGATE RD	FROM SR 2849 TO CUL-DE-SAC	3	0.387	19	43								
		15	SR-3865 / DOLPHIN PL	FROM SR 3864 TO CUL-DE-SAC	3	0.073	20	8								
		16	SR-2885 / CHELSEA DR	FROM SR 2724 TO SR 3864	3	0.214	20	24								
		17	SR-2752 / AIR PARK RD	FROM US 401 TO END MAINTENANCE	1	0.634	20	71	8							
		18	SR-3786 / DUNALLIE DR	FROM SR 2752 TO CUL-DE-SAC	3	0.259	20	29			40		6,700		6,700	10
		19	SR-3717 / APRIL WIND DR	FROM DEAD END TO CUL-DE-SAC	3	0.233	20	26								
		20	SR-3716 / WIND HAVEN DR	FROM SR 2752 TO SR 3717	3	0.203	20	23								
		21	SR-3755 / SOFT WIND DR	FROM SR 2752 TO SR 3757	3	0.616	20	69								
		22	SR-3756 / LAURA ASHLEY CIR	FROM CUL-DE-SAC TO CUL-DE-SAC	3	0.242	20	27		*						
		23	SR-3757 / LORENA LYNN CT	FROM EAST CUL-DE-SAC TO WEST CUL-DE-SAC	3	0.201	20	22								
		24	SR-2726 / HARVEY JOHNSON RD	FROM SR 2727 TO SR 2725	1	0.687	20	77								
		25	SR-3745 / SOUTH MEADOW RD	FROM SR 2727 TO DEAD END	1	0.866	20	97								
		26	SR-5375 / BROTHERS WAY	FROM SR 2728 TO SR 5376	3	0.189	20	21								
		27	SR-1372 / MID PINES RD	FROM BEGIN PAVEMENT TO SR 1009	1	1.07	20	120								
		28	SR-3939 / SURRY RIDGE CIR	FROM SR 1152 TO CUL-DE-SAC	1	0.48	18	54								
		29	SR-1459 / RANSDELL RD	FROM NC 55 TO NORTH ST	3	0.066	35	7								
		30	SR-1459 / RANSDELL RD	FROM NEW PAVEMENT JOINT AT BUS ENTRANCE TO SR 1401	3	0.186	22	21								
		31	SR-1532 / MEYERSWOOD DR	FROM SR 1404 TO SR 1532	1	0.331	20	37								
		32	SR-3900 / BURNSIDE DR	FROM SR 1404 TO SR 3901	1	0.088	20	10								
		33	SR-3901 / APPLECROSS CIR	FROM SR 3900 TO CUL-DE-SAC	1	0.365	20	41								
		34	SR-3962 / NEW OXFORD DR	FROM SR 1404 TO SR 3963	1	0.288	20	32								
		35	SR-3963 / NEW BRIGHTON DR	FROM SR 1390 TO CUL-DE-SAC	1	0.273	20	31								
		36	SR-4004 / GLEN ARBOR DR	FROM SR 1390 TO CUL-DE-SAC	1	0.1	18	11								
		37	SR-4091 / SENTIMENTAL LN	FROM SR 1390 TO CUL-DE-SAC	1	0.114	20	13								
		38	SR-4093 / NEW BRIGHTON DR	FROM SR 1390 TO CUL-DE-SAC	1	0.144	20	16								
		39	SR-4058 / BRUSHY MEADOWS DR	FROM SR 1393 TO SR 5090	4	0.713	20	80	20							
		40	SR-3844 / SOUTHERN OAKS DR	FROM CUL-DE-SAC TO CUL-DE-SAC	1	0.326	20	37								
		41	SR-3770 / FARMINGDALE RD	FROM SR 2770 TO SR 3772	1	0.219	20	25								
		42	SR-3772 / ANDERSONWOOD DR	FROM CUL-DE-SAC TO DEAD END	1	0.902	20	101								
		43	SR-3741 / ERIC ST	FROM SR 1006 TO CUL-DE-SAC	1	0.115	18	13								
<b>TOTAL FOR PROJ NO. 2025CPT.05.08.20921.1</b>						<b>12.889</b>		<b>1,443</b>	<b>28</b>	<b>*</b>	<b>40</b>	<b>27,244</b>	<b>27,944</b>	<b>157</b>		
												<b>55,188</b>				

2025CPT.05.08.20921.1

Wake

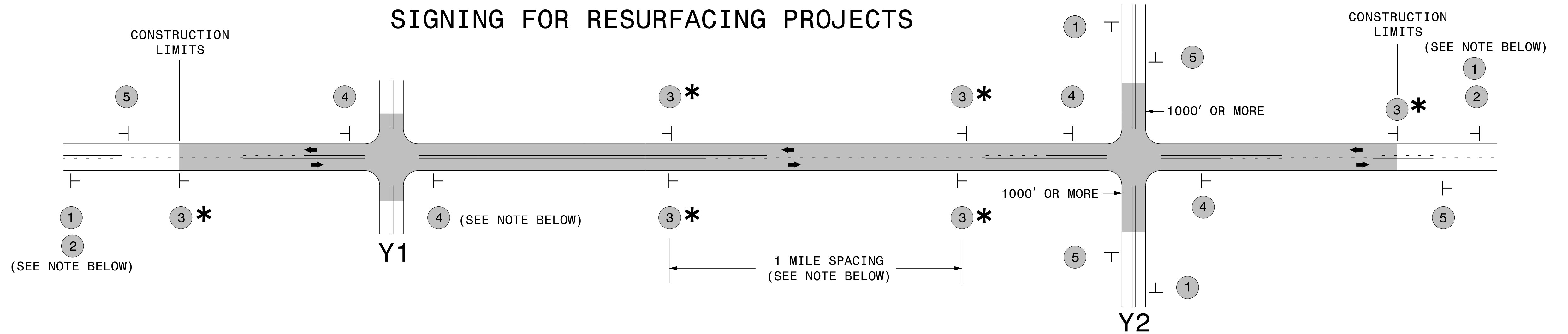
PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.05.08.20921.1, ETC	29	

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	4413000000-E	4447000000-E	4457000000-N	4510000000-N	4685000000-E		4709000000-E
						MI	FT	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	PEDESTRIAN CHANNELIZING DE-VICES	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	24" X 90 M WHITE THERMO
								SF	LF	LS	HR	LF	LF	LF
		44	SR-2774 / HILLTOP RD	FROM SR 2773 TO SR 2715	5	0.085	20	10						
		45	SR-2792 / POPLAR DR	FROM SR 2774 TO SR 2832	5	0.265	18	30						
		46	SR-2832 / LAKESIDE TRL	FROM SR 2773 TO SR 2831	5	0.246	19	28						
		47	SR-2834 / PINE AVE	FROM SR 2835 TO HICKORY LN	5	0.213	19	24						
		48	SR-2823 / OVERHILL ST	FROM SR 2720 TO SR 2798	5	0.087	20	10						
		49	SR-2884 / KAREN DR	FROM SR 1006 TO CUL-DE-SAC	5	0.181	18	20						
		50	SR-3742 / MICAH LN	FROM SR 3741 TO CUL-DE-SAC	5	0.11	18	12						
		51	SR-3746 / FULL MEADOW PL	FROM SR 3745 TO CUL-DE-SAC	5	0.034	18	4						
		52	SR-3747 / HAY MEADOW CT	FROM SR 3745 TO CUL-DE-SAC	5	0.098	18	11						
		53	SR-3748 / MEADOW SWEET CT	FROM SR 3745 TO CUL-DE-SAC	5	0.044	18	5						
		54	SR-3749 / MEADOW RUE PL	FROM SR 3745 TO CUL-DE-SAC	5	0.053	18	6						
		55	SR-3750 / TREE MEADOW LN	FROM SR 3745 TO CUL-DE-SAC	5	0.032	18	4						
		56	SR-3782 / TALLGRASS RD	FROM SR 3745 TO CUL-DE-SAC	5	0.133	18	15						
		57	SR-3781 / FARM MEADOW RD	FROM SR 3745 TO DEAD END	5	0.095	19	11						
		58	SR-3771 / ROCKTREE CT	FROM SR 3770 TO CUL-DE-SAC	5	0.034	20	4						
		59	SR-3773 / HAYSTACK CIR	FROM SR 3772 TO CUL-DE-SAC	5	0.033	20	4						
		60	SR-3774 / BRIDGESTONE CT	FROM SR 3772 TO CUL-DE-SAC	5	0.031	20	3						
		61	SR-3775 / W MARSHA GAYLE CT/E MARSHA GAYLE CT	FROM WEST CUL-DE-SAC TO EAST CUL-DE- SAC	5	0.121	20	14						
		62	SR-3776 / SAGE CT	FROM SR 3772 TO CUL-DE-SAC	5	0.035	21	4						
		63	SR-3777 / SUNRAY CT	FROM SR 3772 TO CUL-DE-SAC	5	0.032	24	4						
		64	SR-3778 / WOODMAN DR	FROM SR 3772 TO CUL-DE-SAC	5	0.22	20	25		*				
		65	SR-3779 / SLOPING HILL LN	FROM SR 3772 TO CUL-DE-SAC	5	0.15	20	17						
		66	SR-3780 / WALKING TRL	FROM SR 3779 TO CUL-DE-SAC	5	0.086	20	10						
		67	SR-3845 / BENT BRANCH DR	FROM NORTH CUL-DE-SAC TO SOUTH CUL- DE-SAC	5	0.316	18	35						
		68	SR-3846 / OAK TWIG DR	FROM SR 3845 TO CUL-DE-SAC	5	0.106	18	12						
		69	SR-3907 / BENTCREEK DR	FROM SR 1393 TO CUL-DE-SAC	5	0.448	20	50						
		70	SR-3940 / CAVATINA CT	FROM SR 3939 TO CUL-DE-SAC	5	0.095	19	11						
		71	SR-3951 / ST EDMUNDS LN	FROM SR 1389 TO CUL-DE-SAC	5	0.165	19	18						
		72	SR-4059 / GOMAR LN	FROM SR 4058 TO CUL-DE-SAC	5	0.119	20	13						
		73	SR-4060 / TEE BOX CT	FROM SR 4058 TO CUL-DE-SAC	5	0.032	20	4						
		74	SR-5090 / GREEN KNOB CT	FROM SR 4058 TO CUL-DE-SAC	5	0.039	20	4						
		75	SR-4092 / CORNERSTONE RIDGE DR	FROM SR 4091 TO SR 4093	5	0.16	20	18						
		76	SR-4709 / PEAK CT	FROM SR 4092 TO CUL-DE-SAC	5	0.049	20	6						
		77	SR-5089 / SPRING CREST CT	FROM SR 4058 TO CUL-DE-SAC	5	0.135	20	15						
		78	SR-5376 / MINNIE DR	FROM EAST DEAD END TO WEST DEAD END	5	0.598	20	67						
		79	SR-5377 / RED INN CT	FROM SR 5376 TO CUL-DE-SAC	5	0.124	20	14						
		80	SR-5378 / GREEN TAP CT	FROM SR 5376 TO CUL-DE-SAC	5	0.038	20	4						
		81	SR-5379 / IRENE WAY	FROM SR 5376 TO DEAD END	5	0.92	20	103						
		82	SR-5380 / GW CT	FROM SR 5379 TO CUL-DE-SAC	5	0.078	20	9						
		83	SR-5381 / HUBO CT	FROM SR 5379 TO CUL-DE-SAC	5	0.032	20	4						
		84	SR-5382 / CHESTERS HOLLOW DR	FROM SR 5379 TO DEAD END	5	0.251	20	28						
<b>TOTAL FOR PROJ NO. 2025CPT.05.08.20922.1</b>						<b>6.123</b>		<b>690</b>		<b>*</b>				
<b>GRAND TOTAL</b>						<b>19.012</b>		<b>2,133</b>	<b>28</b>	<b>1.00</b>	<b>40</b>	<b>27,244</b>	<b>27,944</b>	<b>157</b>
													<b>55,188</b>	



# SIGNING FOR RESURFACING PROJECTS



LEGEND	
┆	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

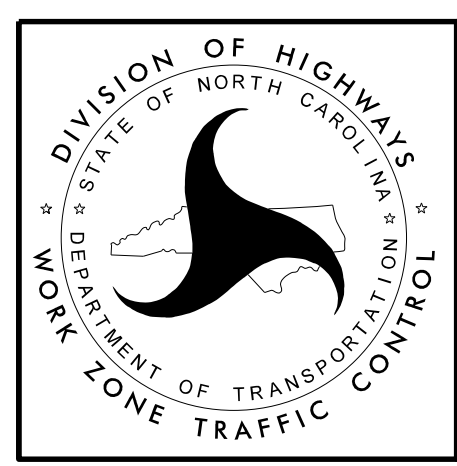
## MAINLINE (-L-) SIGNING

## -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"> <li>LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>SUBDIVISION ROADS</li> <li>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;">             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.		

### \* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

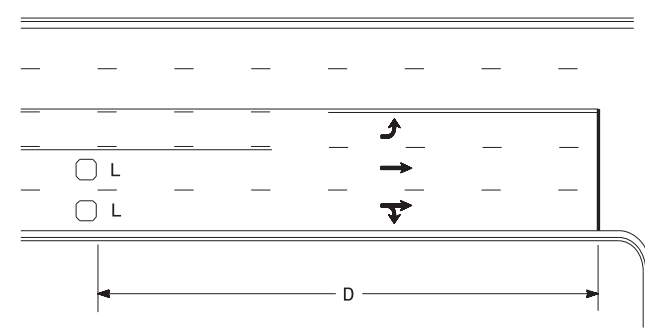
SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS: STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS

6/3/2014 S:\TMU\WZTC\Apps\WorkZoneGeneral\ExternalWebPage\DesRes\Resurfacing\Resurfacing\_AdvWarn\_2Ln.dgn User:rmgarr.eht

### High Speed Detection (≥40 mph)

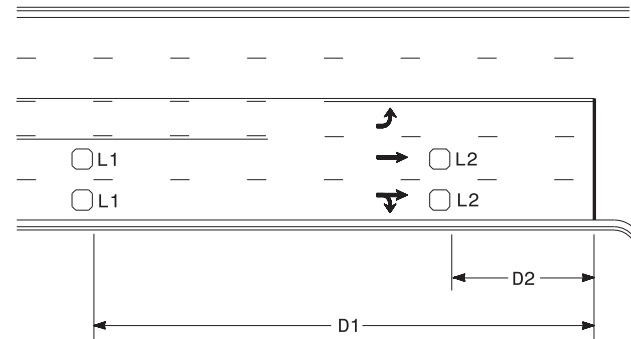


Speed Limit mph	D ft
40	250
45	300
50	355
55	420

L = 6ft X 6ft  
Wired separately

Volume Density Operation

OR

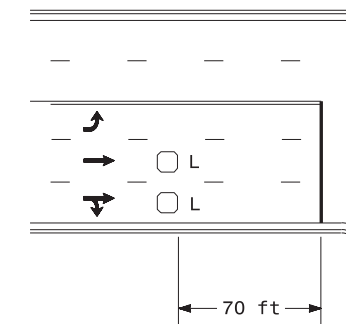


Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110

L1 = 6ft X 6ft  
Wired in series  
L2 = 6ft X 6ft  
Wired in series

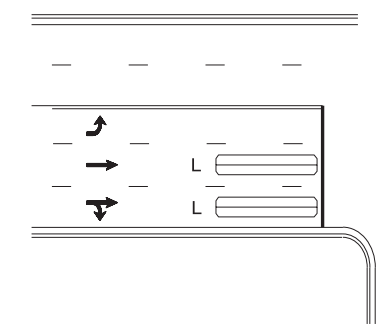
"Stretch" Operation

### Low Speed Detection (≤35 mph)



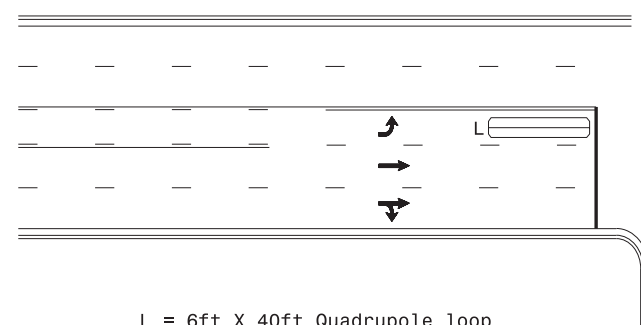
L = 6ft X 6ft  
Wired in series

OR



L = 6ft X 40ft  
Quadrupole loop, wired separately

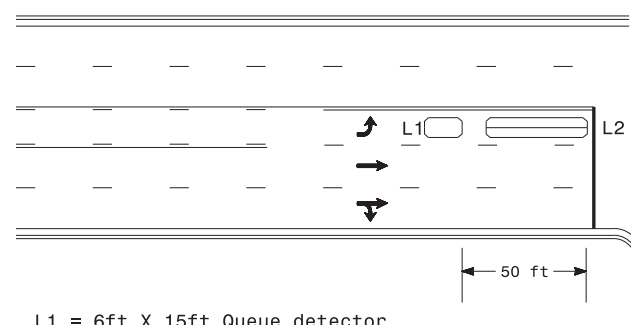
### Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

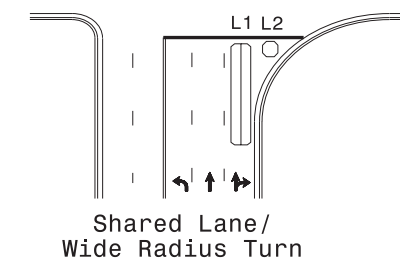
OR



L1 = 6ft X 15ft Queue detector  
L2 = 6ft X 40ft Quadrupole loop

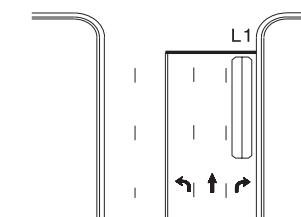
Queue Loop Detection

### Right Turn Lane Detection

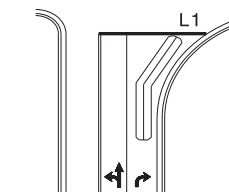


L1 = 6ft X 40ft Quadrupole loop  
L2 = 6ft X 6ft [Minimum] Presence loop  
Wired separately

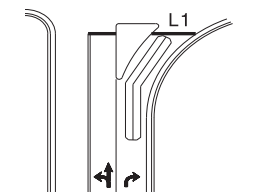
Shared Lane/  
Wide Radius Turn



Standard Turn

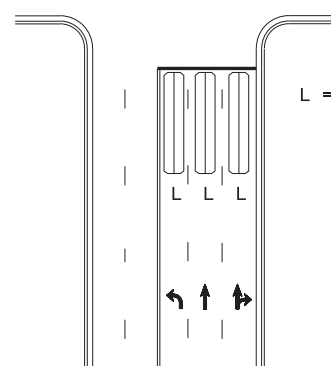


Wide Radius Turn



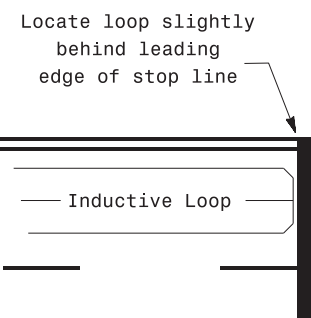
Channelized Turn

### Side Street Detection



L = 6ft X 40ft  
Quadrupole loop  
Wired to separate  
detectors/channels

### Presence Loop Placement at Stop Lines



Note:  
Loop may be located in advance of stop line under any of the following conditions:  
1) stop line is greater than 15' from edge of intersecting roadway  
2) loop detects a permissive or protected/permissive left turn  
3) for an exclusive right turn lane

### Recommended Number of Turns

Single 6' X 6' loop  
(when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6' X 15' Loops:  
Lead-in < 150', use 2 turns  
Lead-in > 150', use 3 turns

	<p>Prepared In the Offices of:</p>		<p>Typical Signal Loop Locations</p>	
	<p>PLAN DATE: September 2020</p>	<p>REVIEWED BY: JPG</p>	<p>PREPARED BY: PLA</p>	<p>REVIEWED BY:</p>
<p>SCALE: N/A</p>	<p>REVISIONS</p>	<p>INIT.</p>	<p>DATE</p>	

750 N. Greenfield Pkwy, Garner, NC 27529

9/8/2020

SIG. INVENTORY NO.