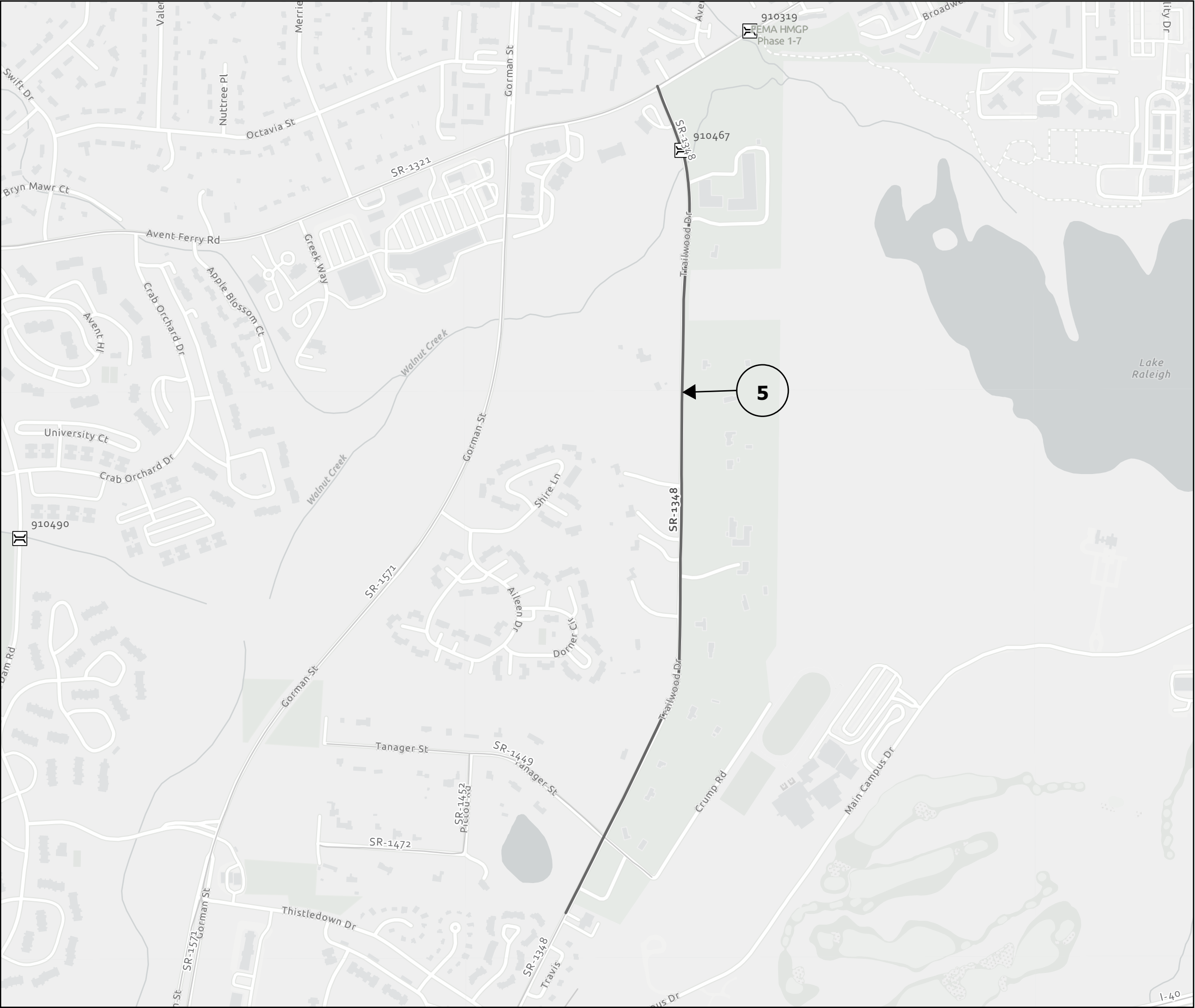


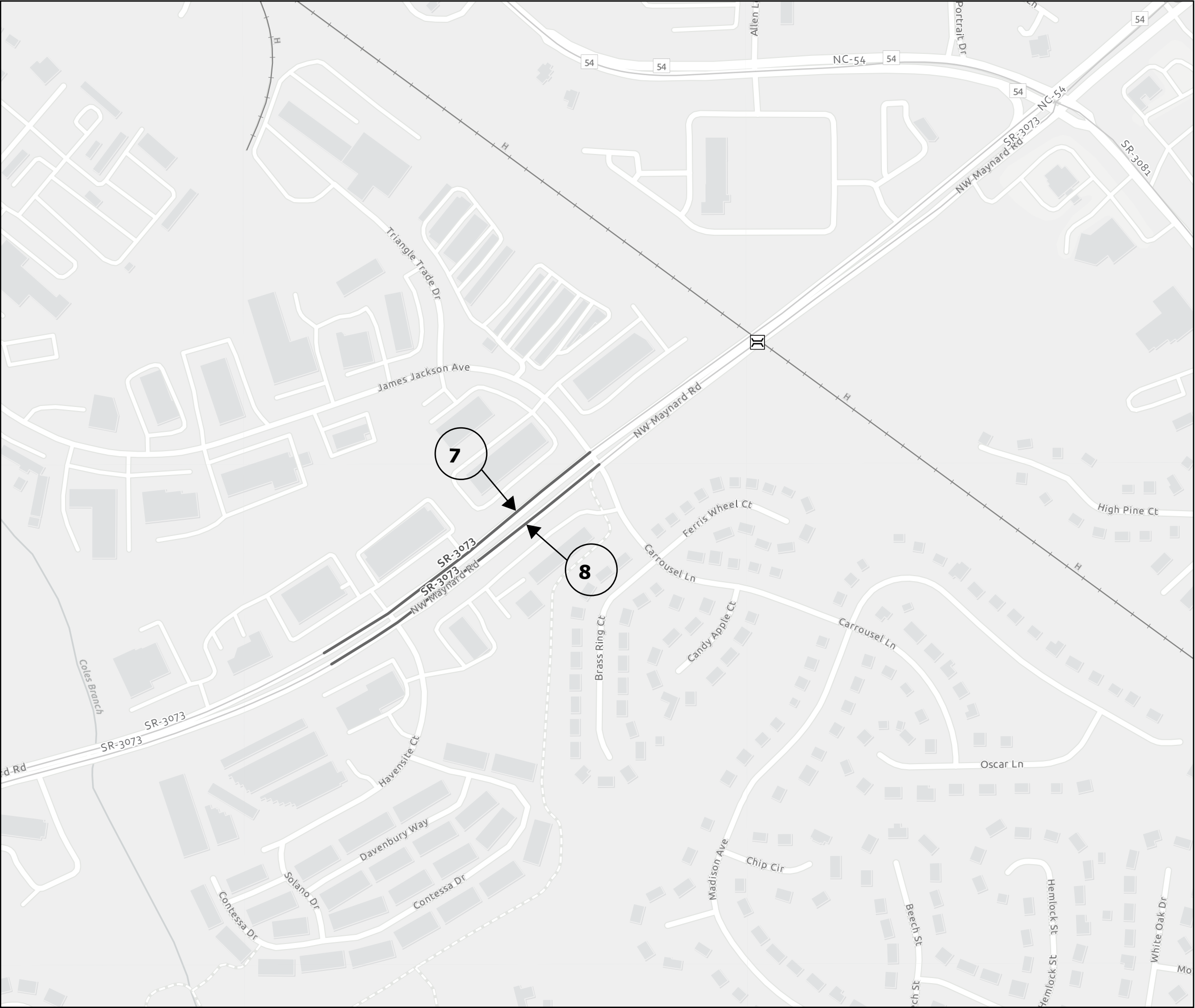


2027 Central - Wake County	
PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1	3

Map 5: SR 1348 (Trailwood Dr)
From SR 1321 (Avent Ferry Rd) to Beg C&G

Bridge 910467: MP 0.074

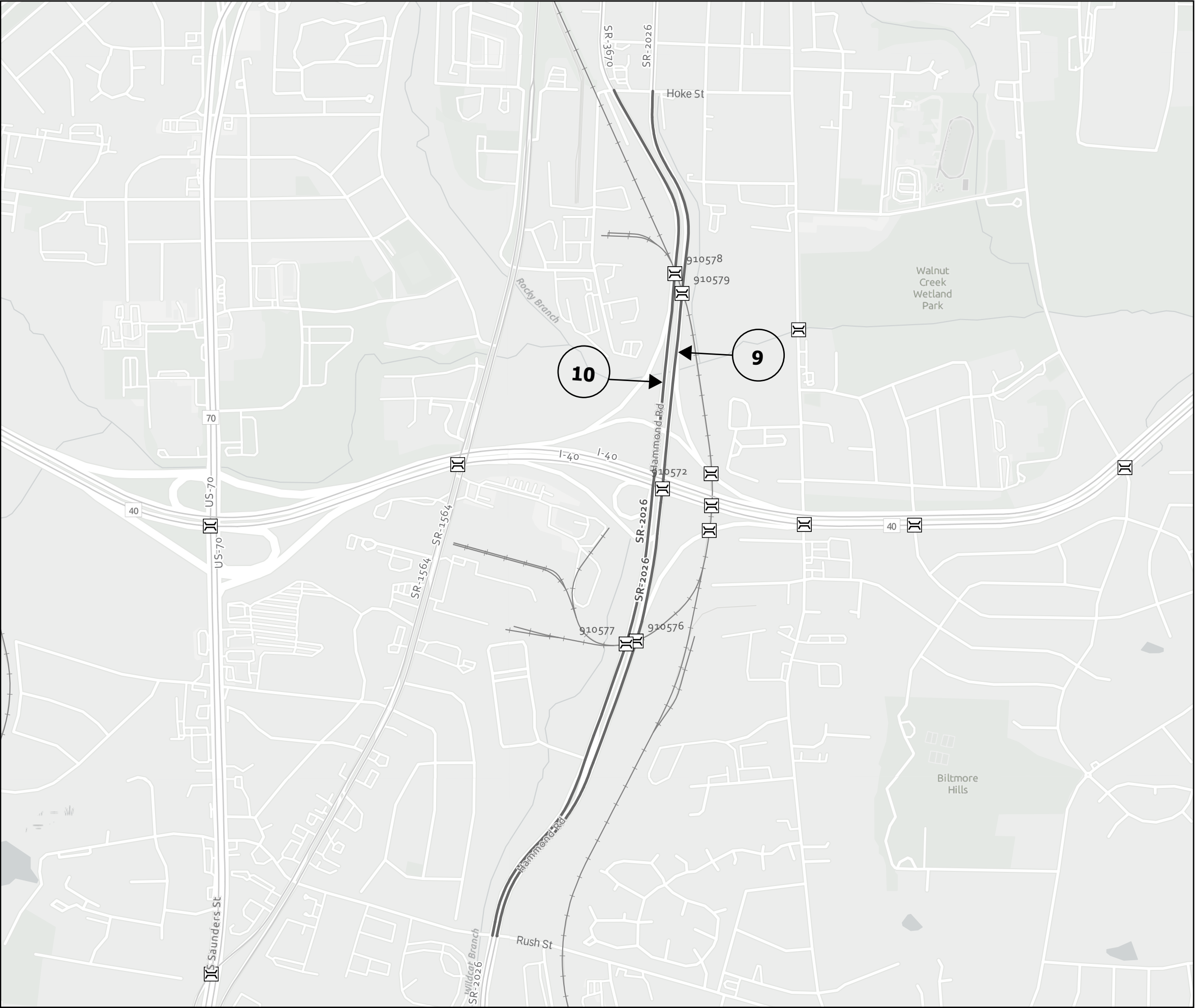




2027 Central - Wake County	
PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1	5

Map 7: SR 3073 (NW Maynard Rd)
From Begin Divided Highway to Pavement Joint

Map 8: SR 3073 (NW Maynard Rd)
From Pavement Joint to End Divided Highway



2027 Central - Wake County	
PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1	6

Map 9: SR 2026 (Hammond Rd)
From Rush St to Hoke St

Map 10: SR 2026 (Hammond Rd)
From Hoke St to Rush St

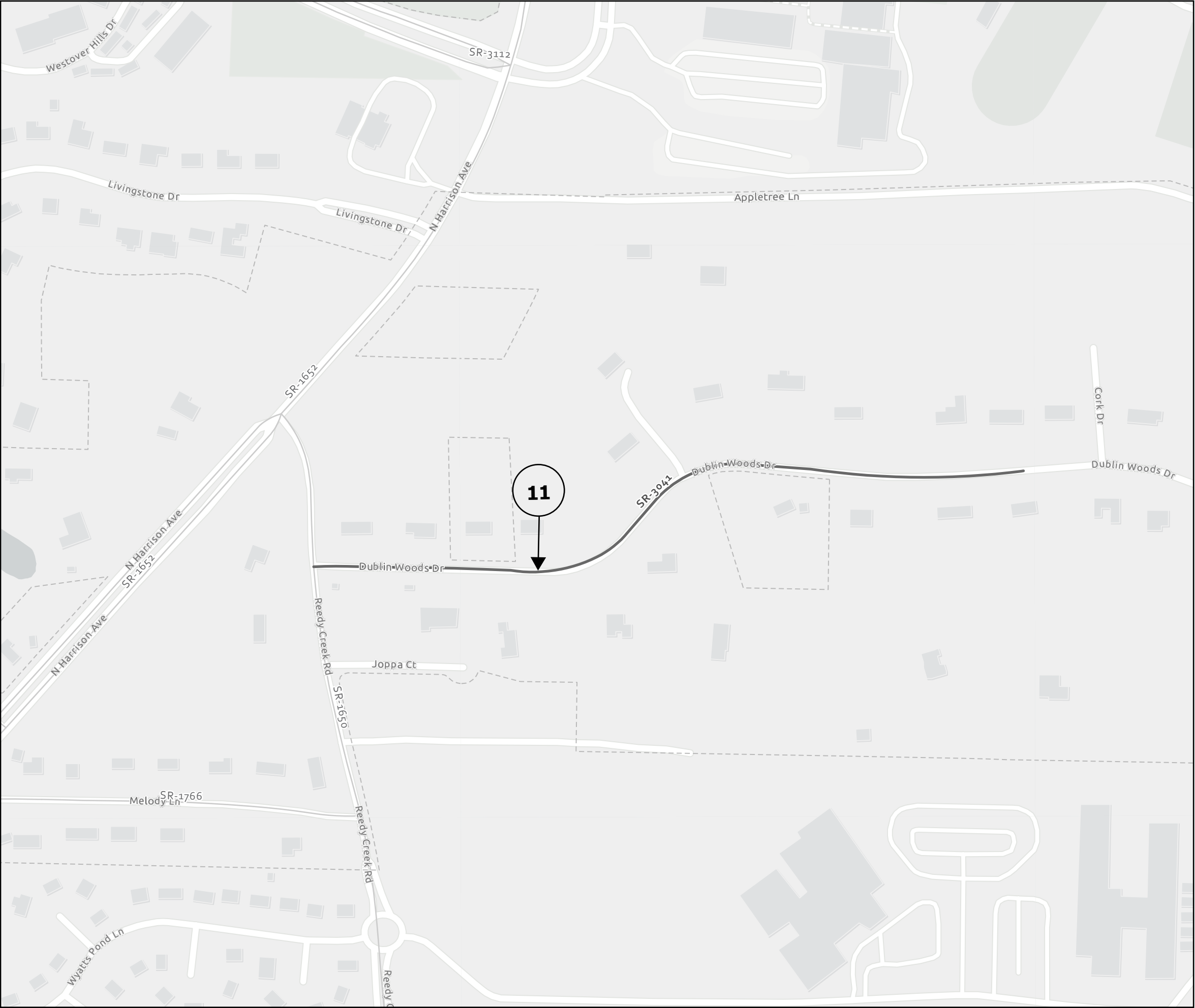
Bridge 910572: MP 16.319

Bridge 910576: MP 2.229

Bridge 910577: MP 4.025

Bridge 910578: MP 3.389

Bridge 910579: MP 2.286



2027 Central - Wake County	
PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1	7

Map 11: SR 3041 (Dublin Woods Dr)
From SR 1650 (Reedy Creek Rd) to CDS



2027 Central - Wake County	
PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1	8

- Map 12: SR 2250 (Hill St)
From SR 2271 (Dogwood Dr) to End Maintenance
- Map 13: SR 2271 (Dogwood Dr)
From SR 2249 (Sunlit Ln) to End Pavement
- Map 14: SR 2249 (Sunlit Ln)
From SR 2204 (Skycrest Dr) to SR 2271 (Dogwood Dr)

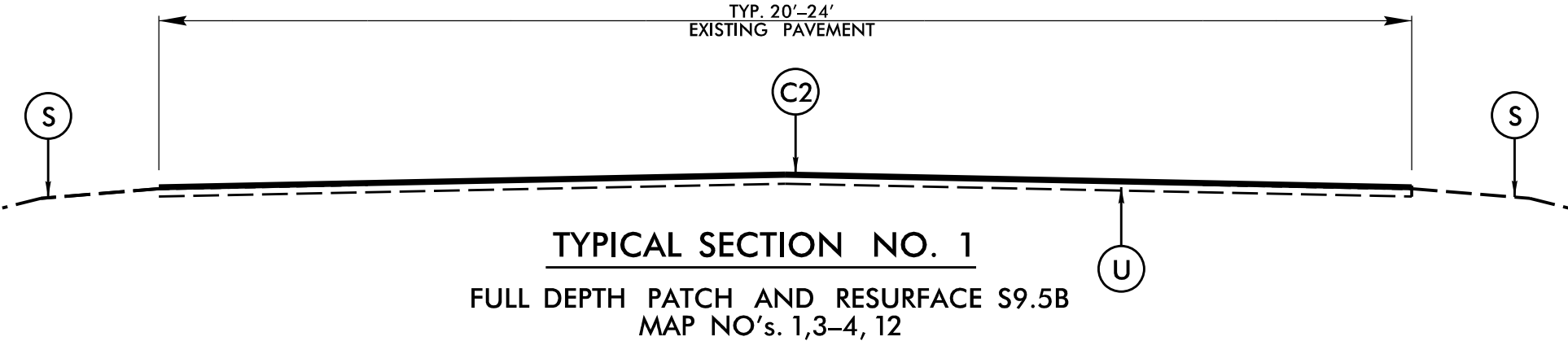


PAVEMENT SCHEDULE

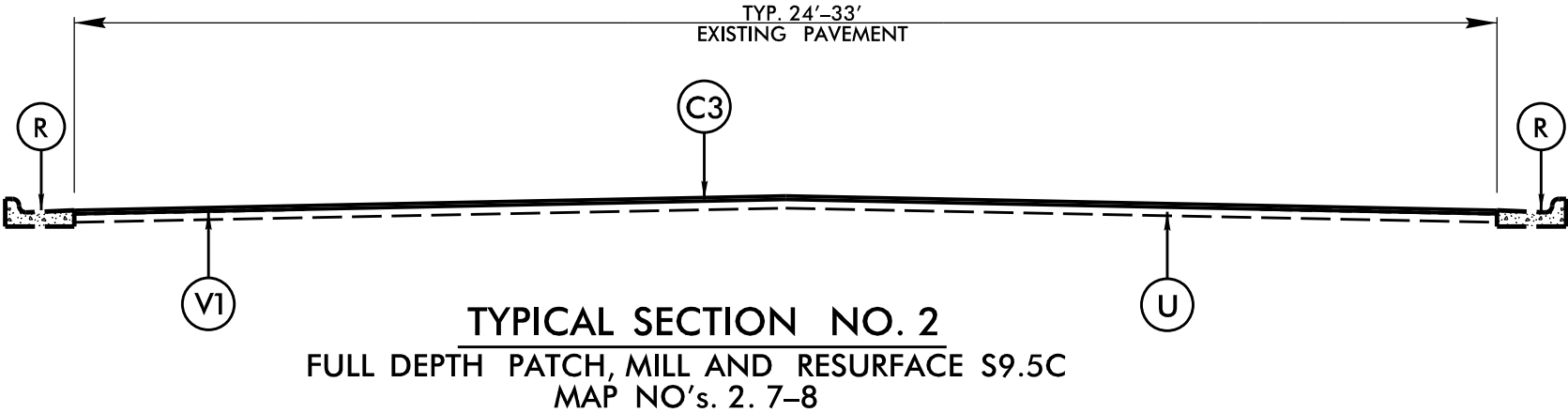
WAKE COUNTY RESURFACING

PROJECT REFERENCE NO.	SHEET NO.
2025CPT 05.02.2022, ETC.	9
Prepared in the Office of:  SUMMIT 202 Consulting Group 1909 152-2025 • 250-122-0010 • 4000	

C1	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.	S	SHOULDER RECONSTRUCTION, ASB REQUIRED
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.	U	EXISTING PAVEMENT
C3	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	V1	MILL ASPHALT PAVEMENT, 1½" DEPTH
R	EXISTING CURB AND GUTTER	V2	VARIABLE DEPTH MILLING 0"-1½"



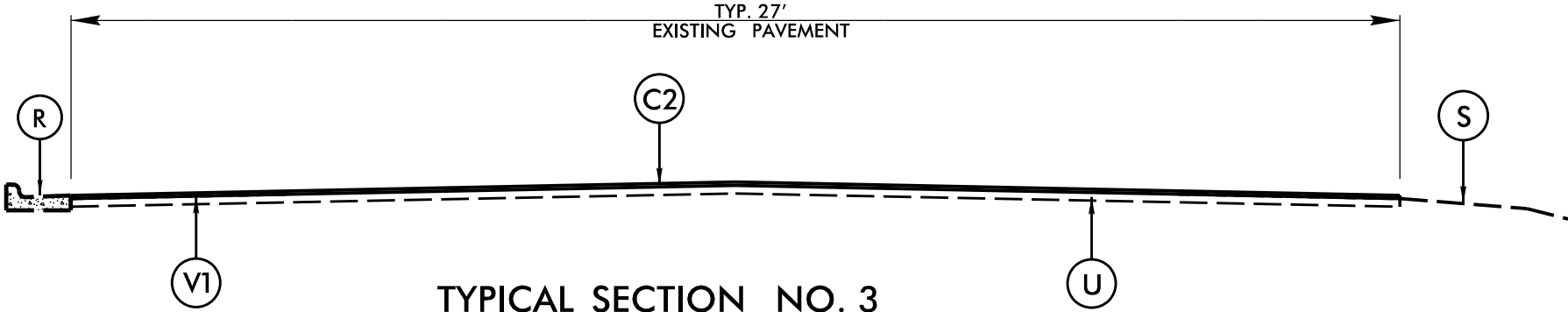
SHOULDERS ARE RECONSTRUCTED TO THE SHOULDER POINT/HINGE POST
SEEDING AND MULCHING SHALL BE PERFORMED UPON COMPLETION OF SHOULDER
GRADING WHEN EARTH BORROW IS USED



PAVEMENT SCHEDULE	
C1	1" S9.5B
C2	1½" S9.5B
C3	1½" S9.5C
R	EXIST. C&G
S	SHLD RECON
U	EXIST. PAVEMENT
V1	1½" MILLING
V2	0-1½" MILLING

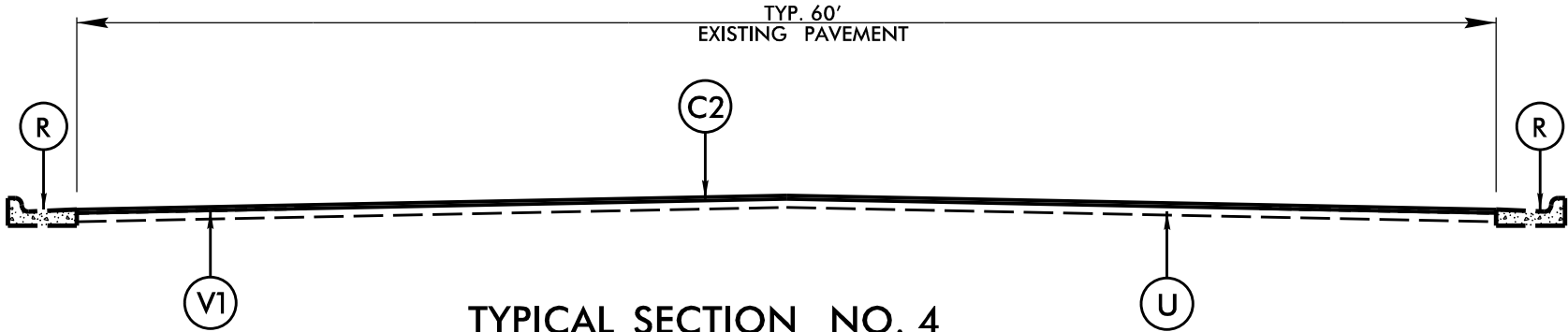
WAKE COUNTY RESURFACING

PROJECT REFERENCE NO.	SHEET NO.
2026CPT 05.02.2024.ETC.	10
Prepared in the Office of:  SUMMIT 2024 Locusting, NC 27555 (919) 752-3000 • FAX (919) 752-3000	



TYPICAL SECTION NO. 3
FULL DEPTH PATCH, MILL AND RESURFACE S9.5B
MAP NO. 5

SHOULDERS ARE RECONSTRUCTED TO THE SHOULDER POINT/HINGE POST
SEEDING AND MULCHING SHALL BE PERFORMED UPON COMPLETION OF SHOULDER
GRADING WHEN EARTH BORROW IS USED

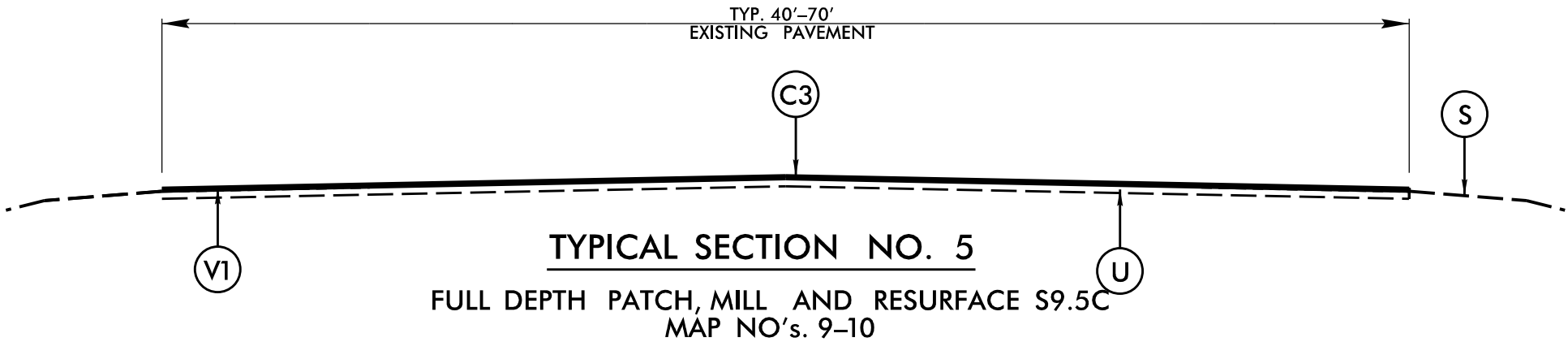


TYPICAL SECTION NO. 4
FULL DEPTH PATCH, MILL AND RESURFACE S9.5B
MAP NO. 6

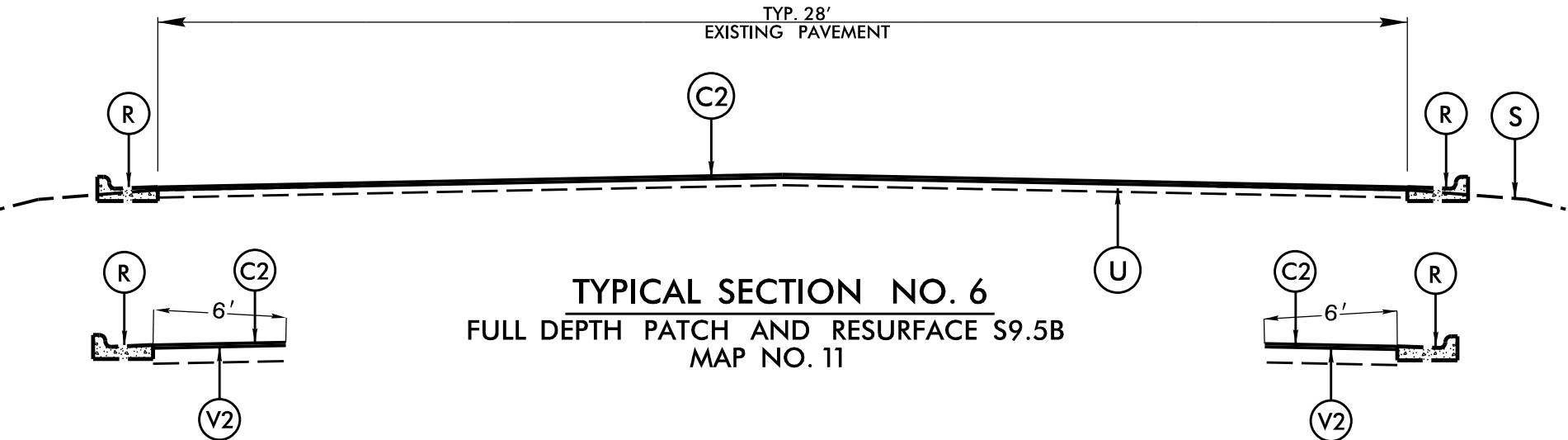
PAVEMENT SCHEDULE	
C1	1" S9.5B
C2	1½" S9.5B
C3	1½" S9.5C
R	EXIST. C&G
S	SHLD RECON
U	EXIST. PAVEMENT
V1	1½" MILLING
V2	0-1½" MILLING

WAKE COUNTY RESURFACING

PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.02.2092U.ETC.	II
Prepared in the Office of:	NC P&M License No. P-0239 S&P Consulting, Inc. 1999 725 3025 • 919 725 0516 • 4251



SHOULDERS ARE RECONSTRUCTED TO THE SHOULDER POINT/HINGE POST
SEEDING AND MULCHING SHALL BE PERFORMED UPON COMPLETION OF SHOULDER
GRADING WHEN EARTH BORROW IS USED

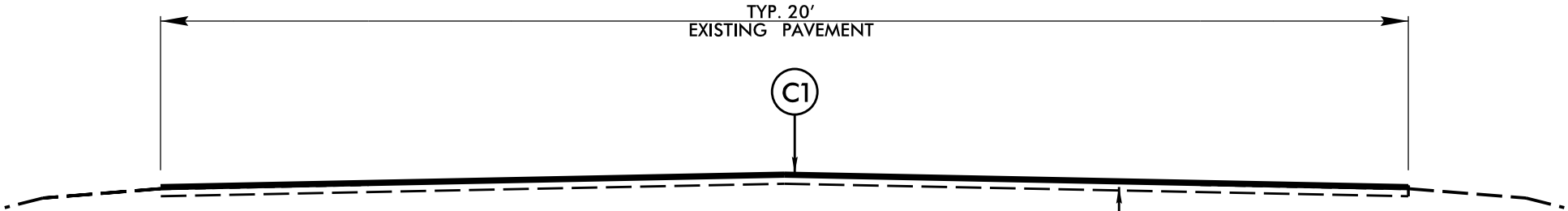


SHOULDERS ARE RECONSTRUCTED TO THE SHOULDER POINT/HINGE POST
SEEDING AND MULCHING SHALL BE PERFORMED UPON COMPLETION OF SHOULDER
GRADING WHEN EARTH BORROW IS USED

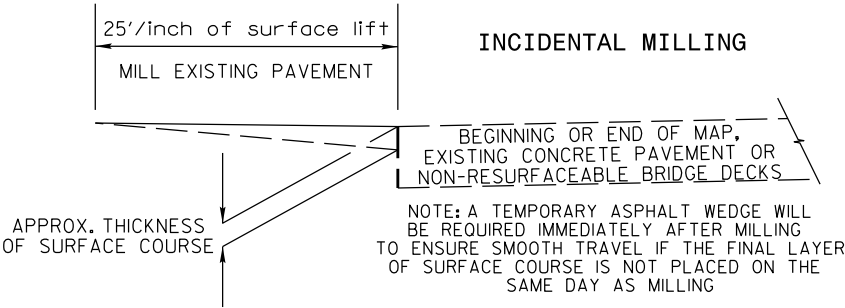
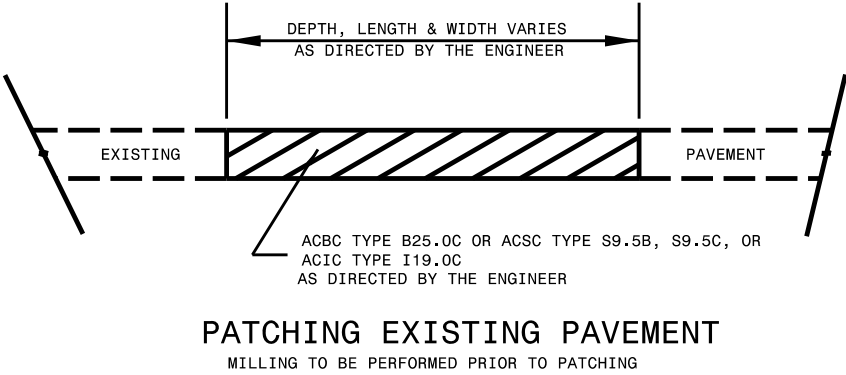
PAVEMENT SCHEDULE	
C1	1" S9.5B
C2	1½" S9.5B
C3	1½" S9.5C
R	EXIST. C&G
S	SHLD RECON
U	EXIST. PAVEMENT
V1	1½" MILLING
V2	0-1½" MILLING

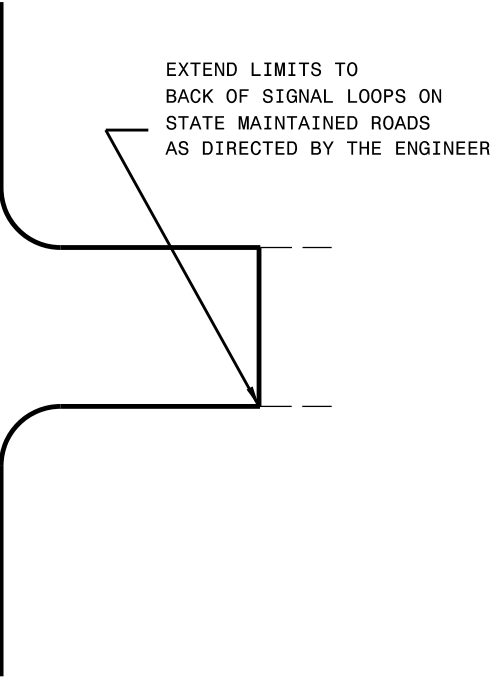
WAKE COUNTY RESURFACING

PROJECT REFERENCE NO.	SHEET NO.
2025CPT 05.02.2022, ETC.	12
Prepared in the Office of:  SUMMIT 282 Lenoir Street Raleigh, NC 27601 (919) 752-3855 • FAX (919) 752-0516 • www.summitnc.com	



TYPICAL SECTION NO. 7
FULL DEPTH PATCH AND RESURFACE S9.5B
MAP NO's. 13-14



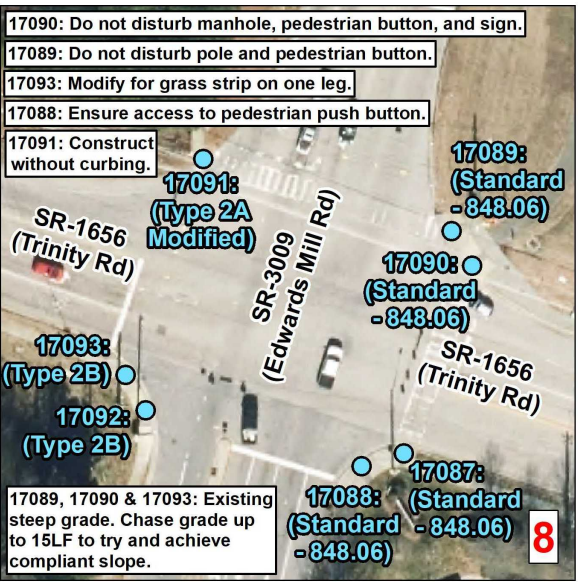
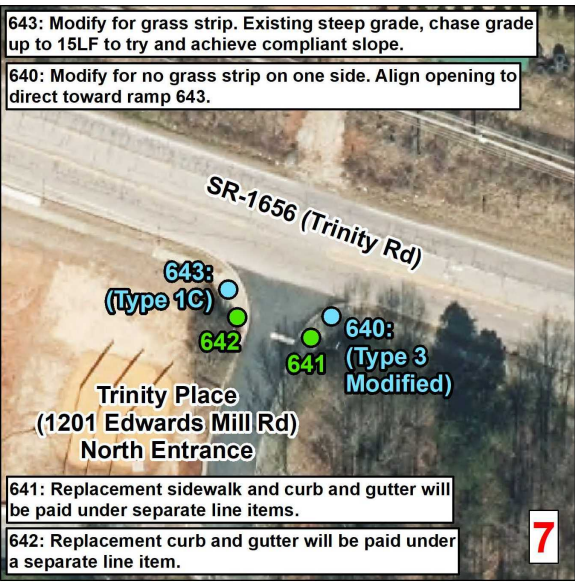
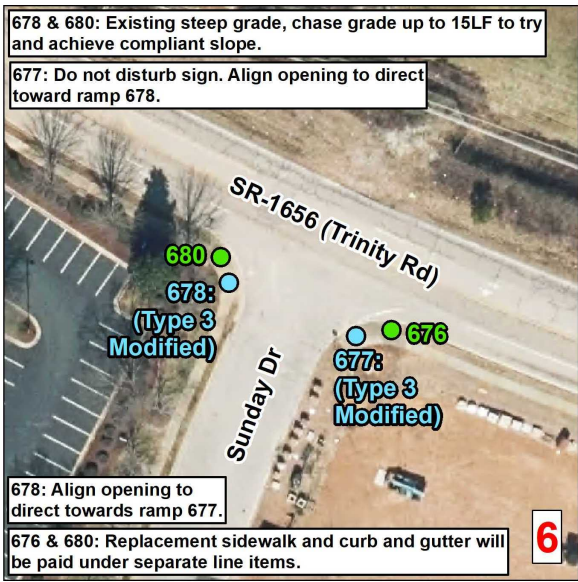
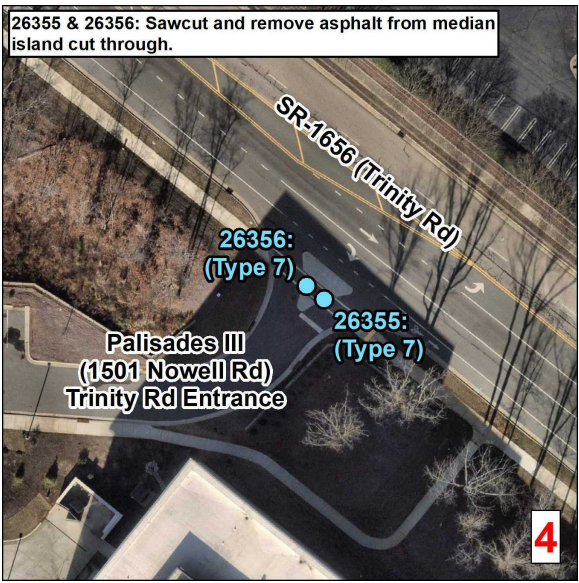
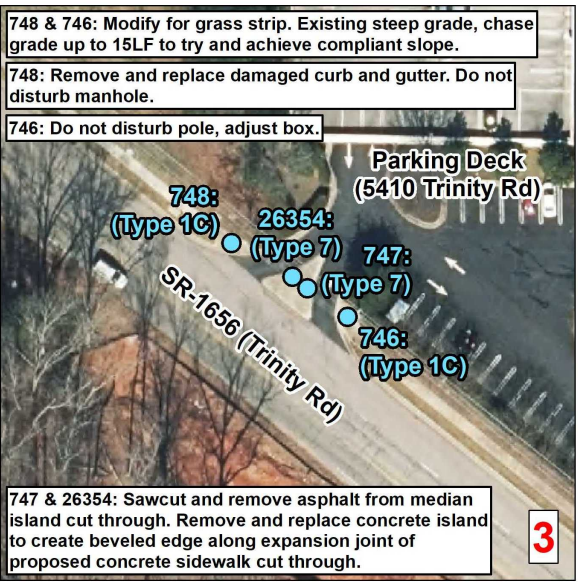
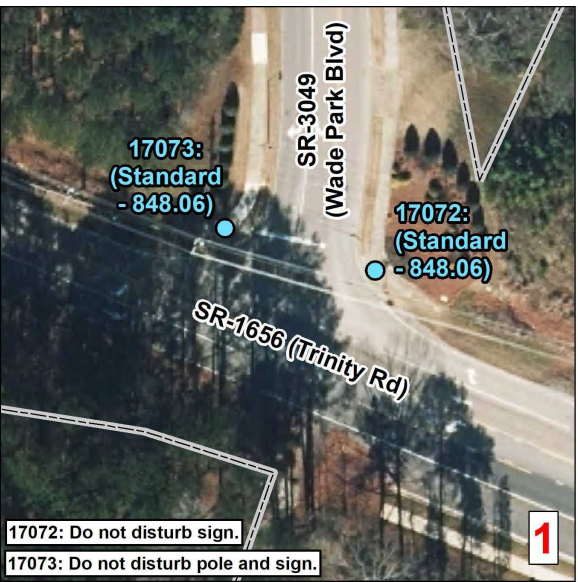
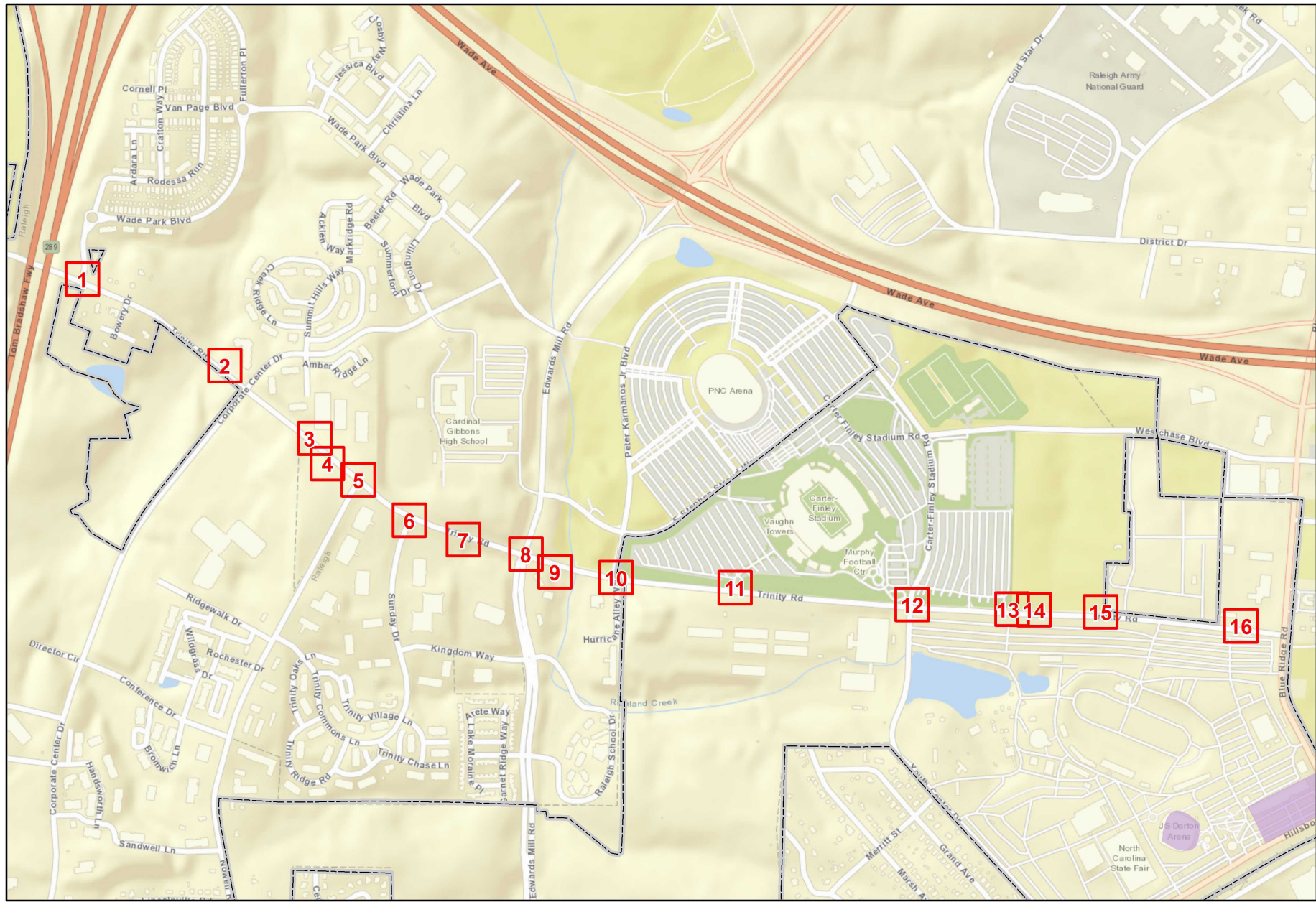


MINIMUM TIE IN
ON CITY STREETS AND
COMMERCIAL DRIVES

MINIMUM TIE IN
ON RURAL ROADS

TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

[illegible]



Curb Ramps To Be Repaired

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

□ Municipal Boundary
■ NCHPO Historic Boundary (NR and LHD)

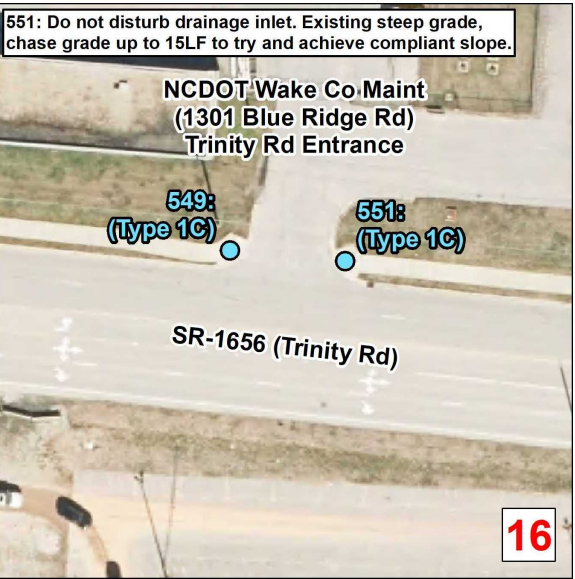
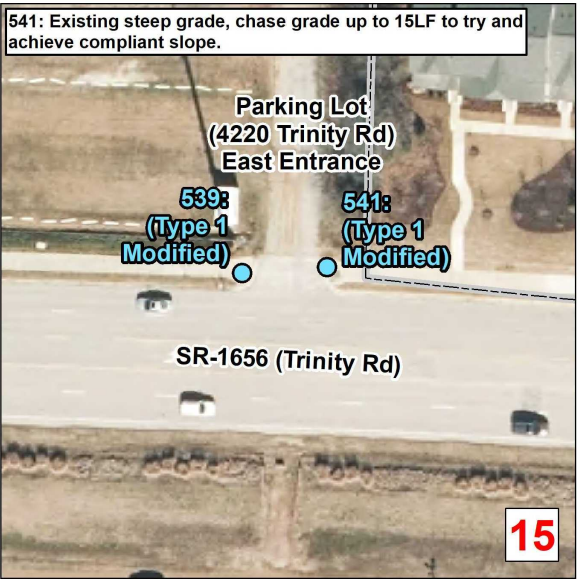
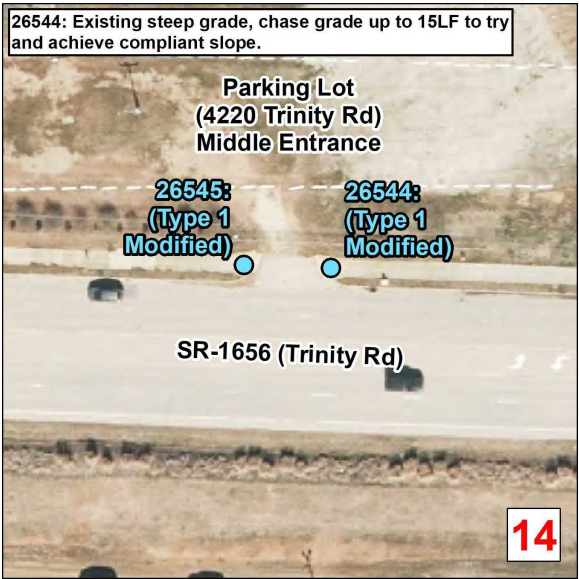
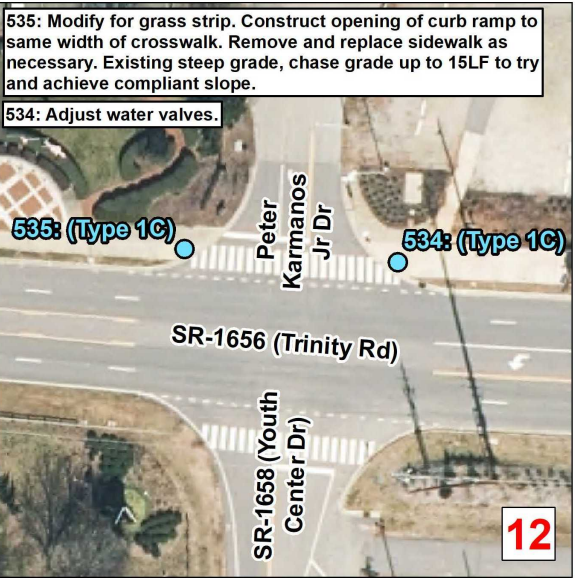
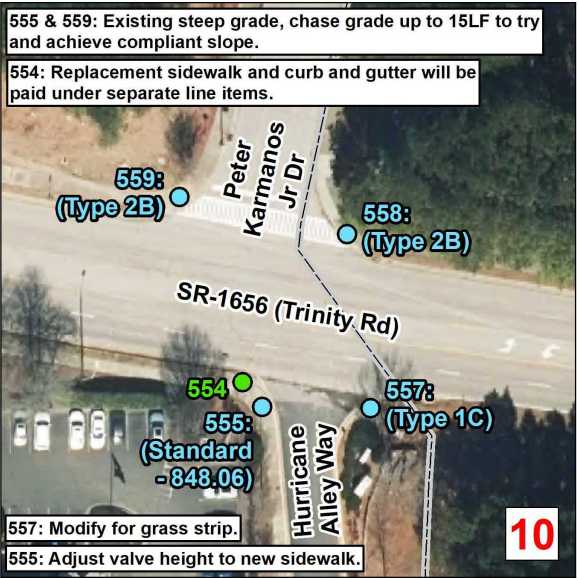
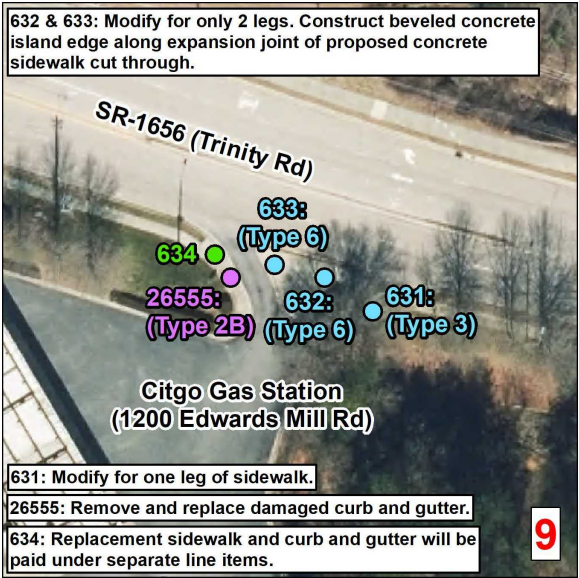
Central - Wake County

Project Number: 2026CPT.05.02.20921.1
2026CPT.05.02.20922.1

Trinity Rd
From I-40 To SR 1664

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 5

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



Curb Ramps To Be Repaired

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

Municipal Boundary

NCHPO Historic Boundary (NR and LHD)

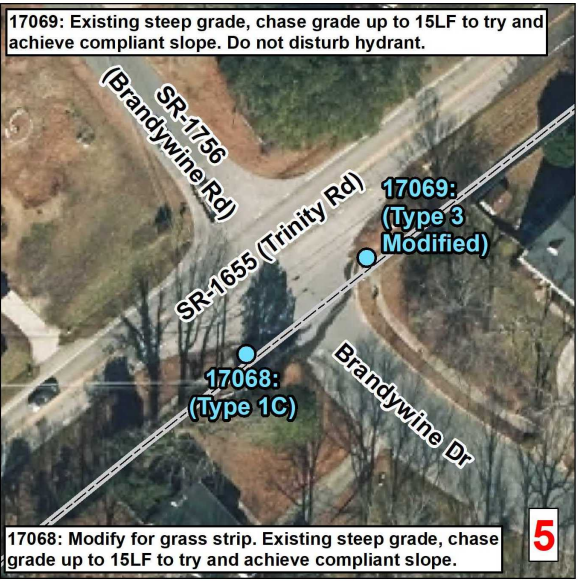
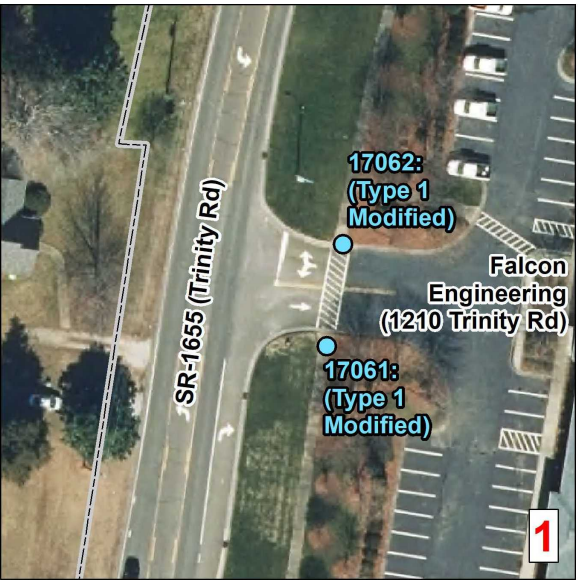
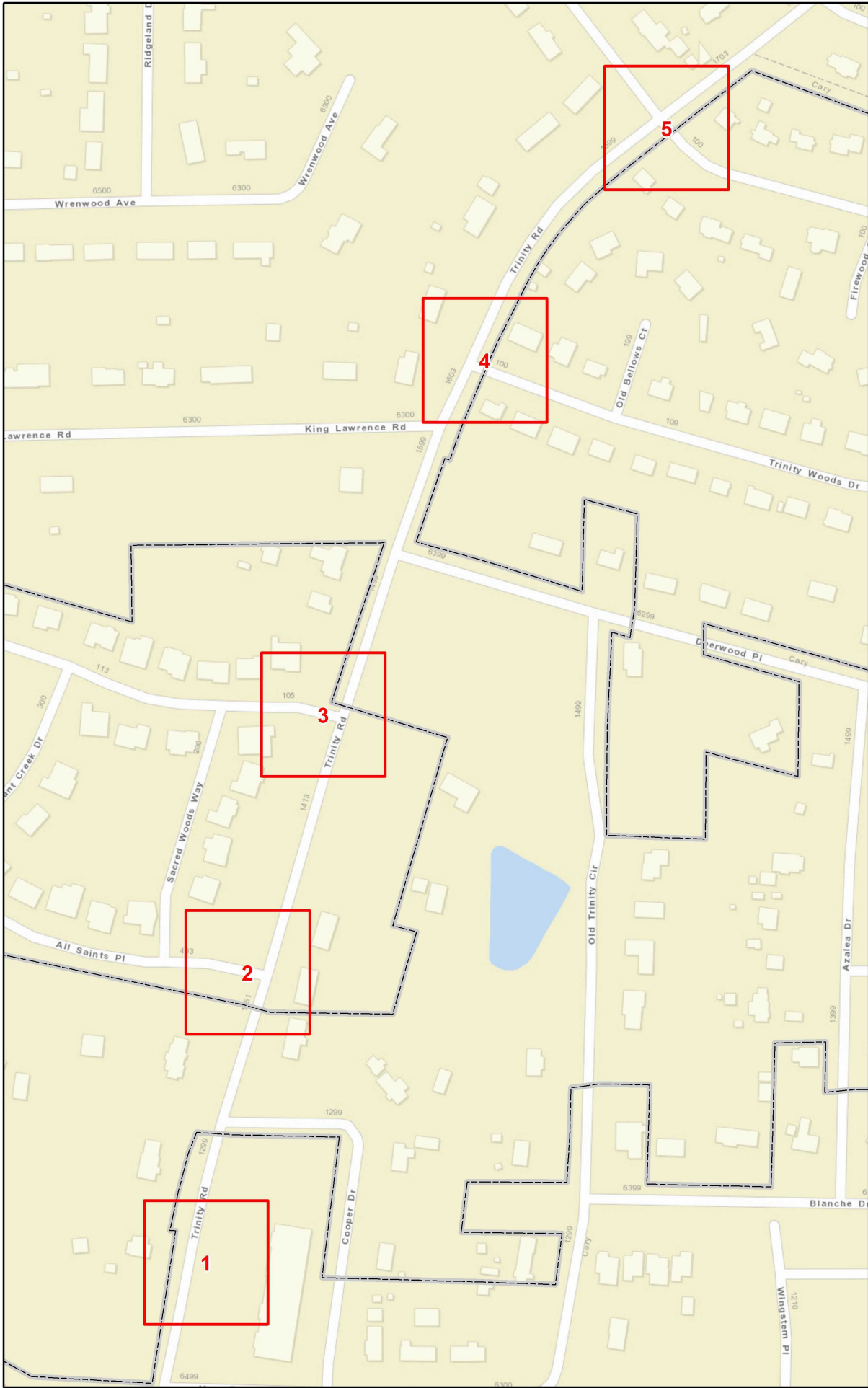
Central - Wake County

Project Number: 2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1

Trinity Rd
From I-40 To SR 1664

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 5

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



Curb Ramps To Be Repaired

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

Municipal Boundary

NCHPO Historic Boundary (NR and LHD)

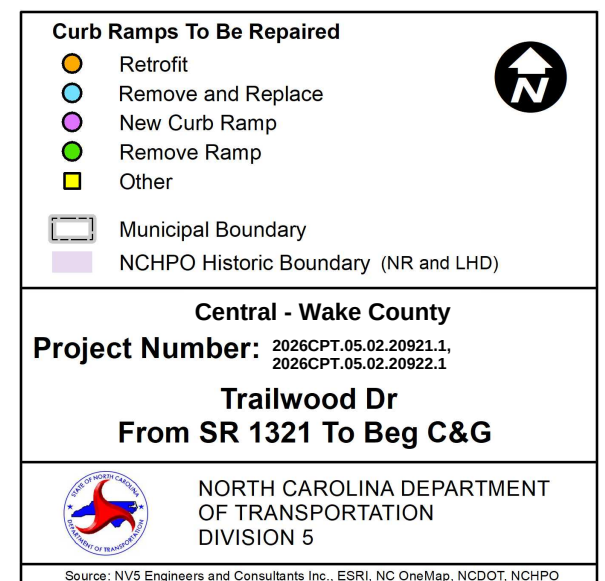
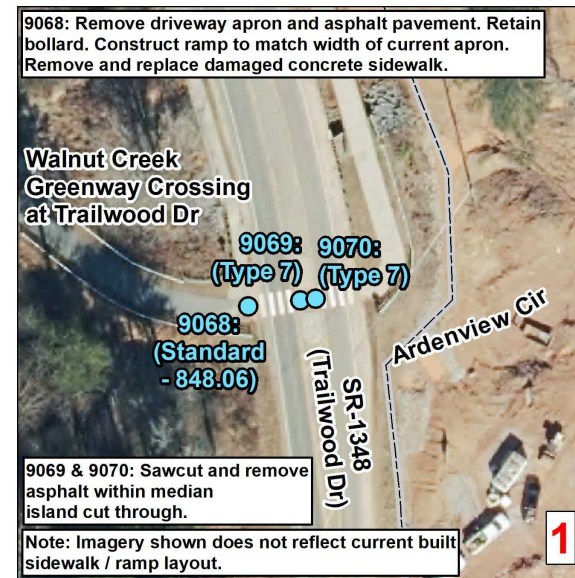
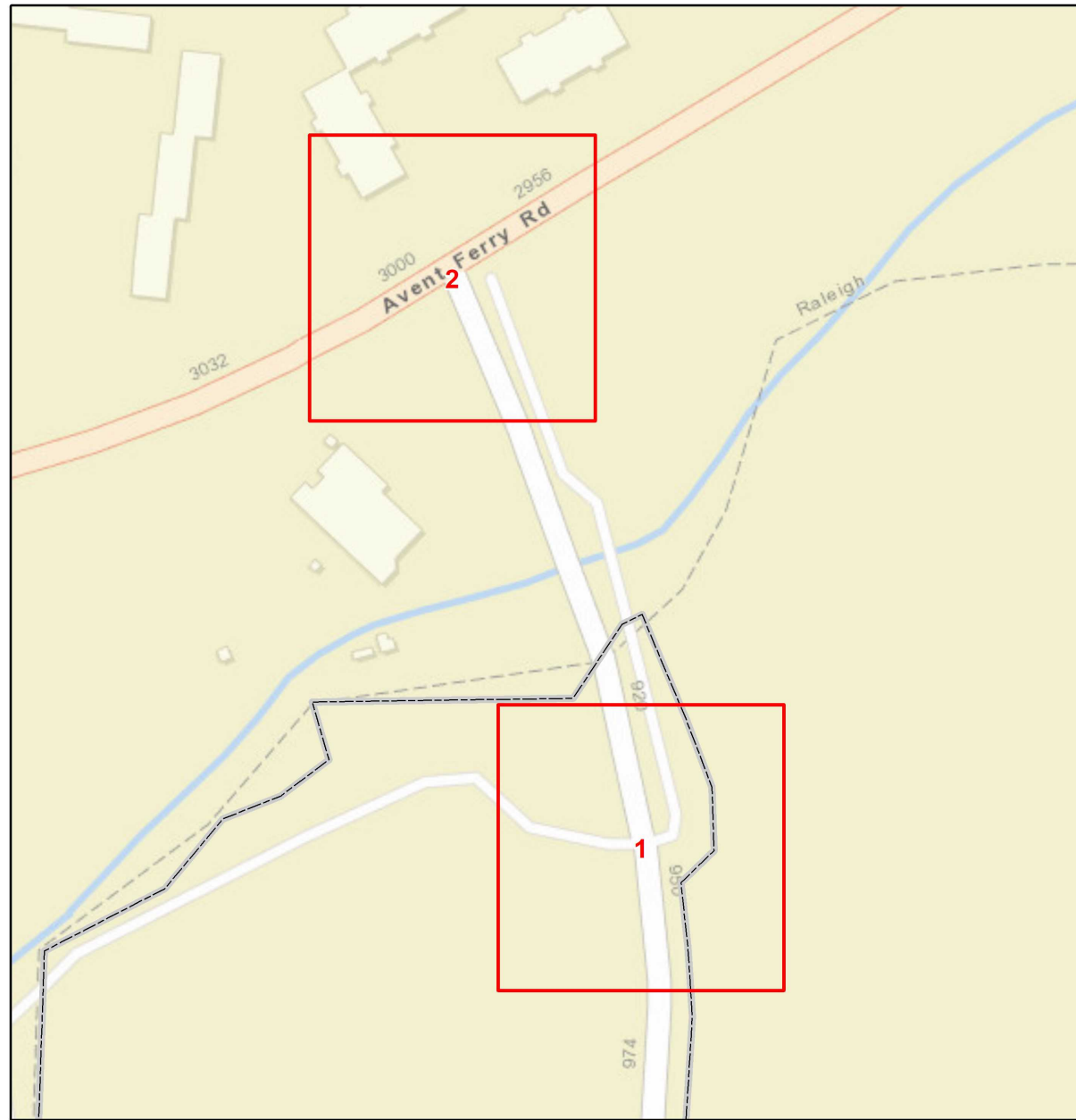
Central - Wake County

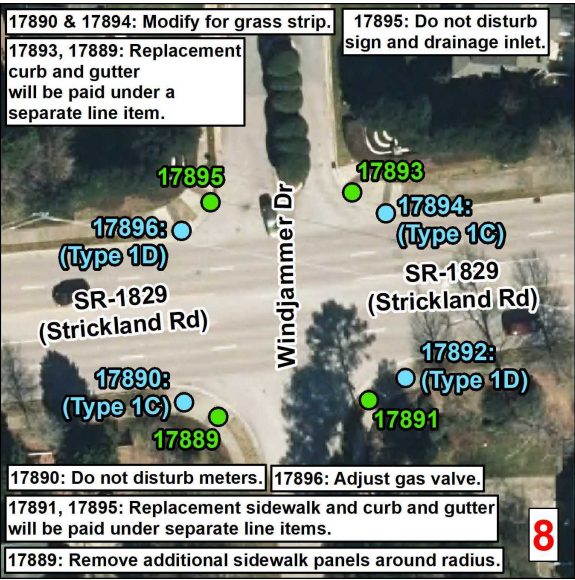
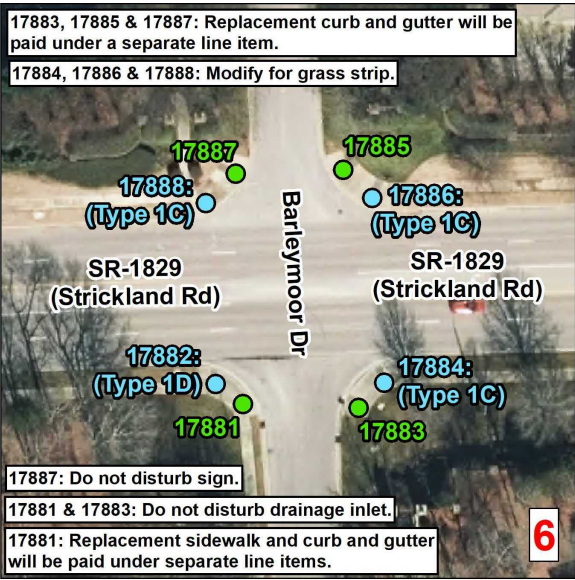
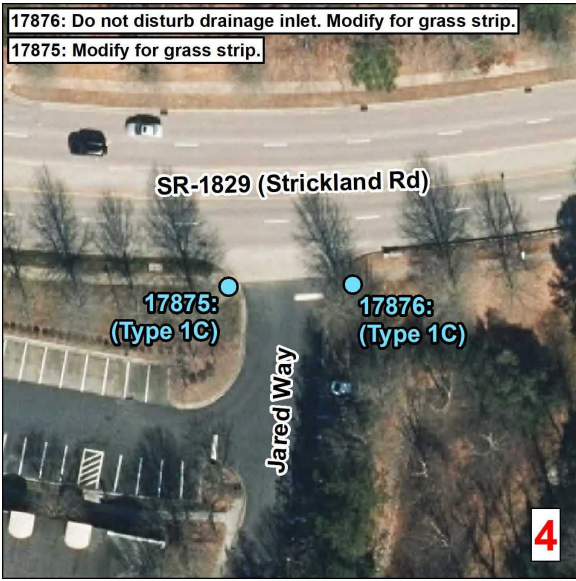
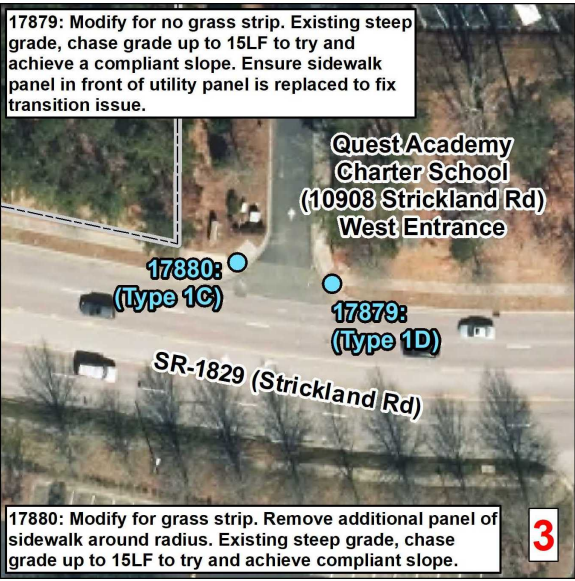
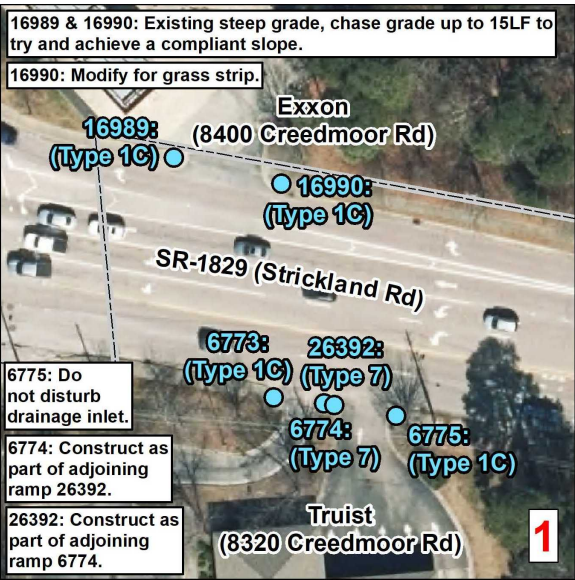
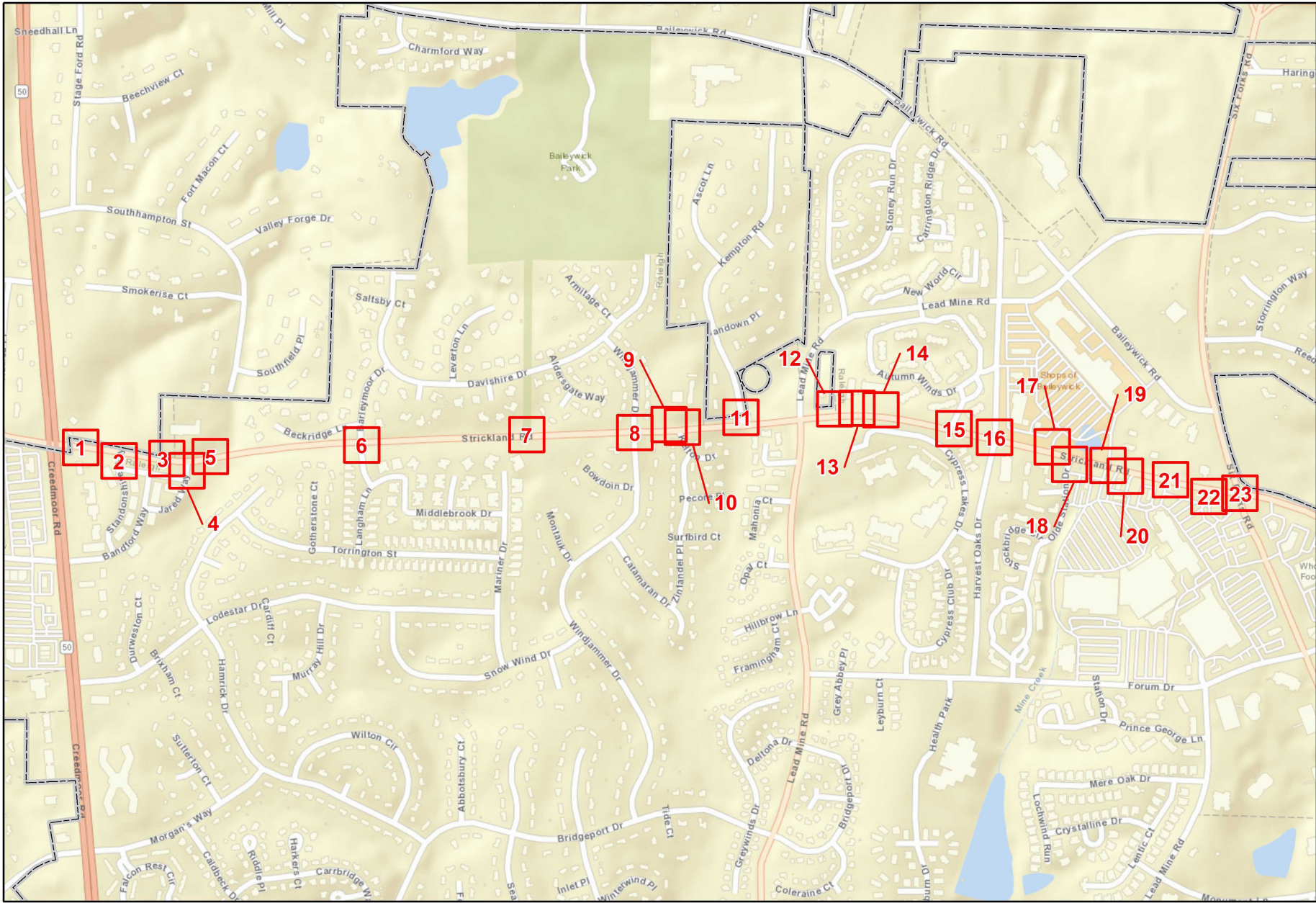
Project Number: 2026CPT.05.02.20921.1,
2026CPT.05.02.20922.1

Trinity Rd / Trenton Rd
From NC 54 To I-40

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 5

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





Curb Ramps To Be Repaired

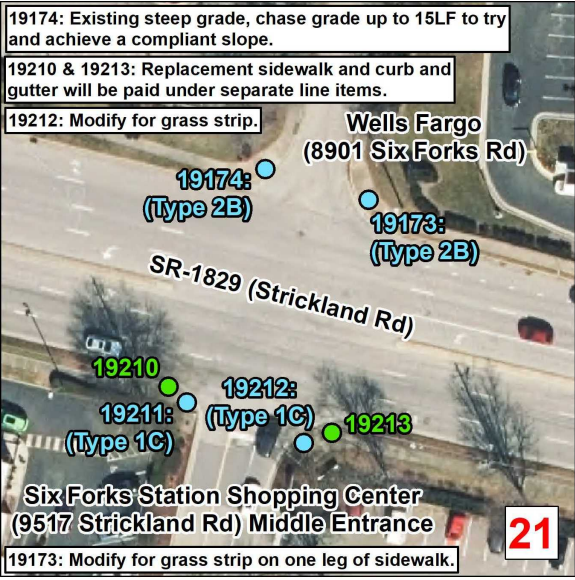
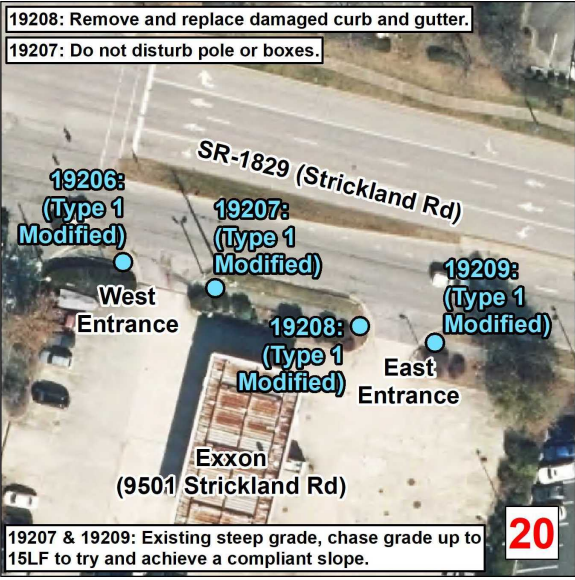
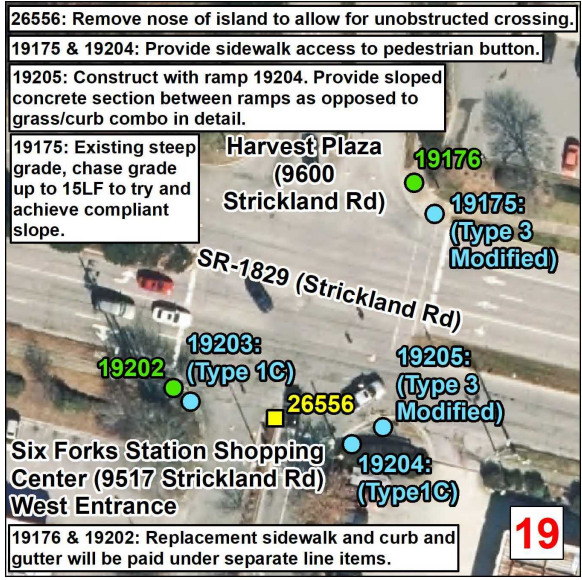
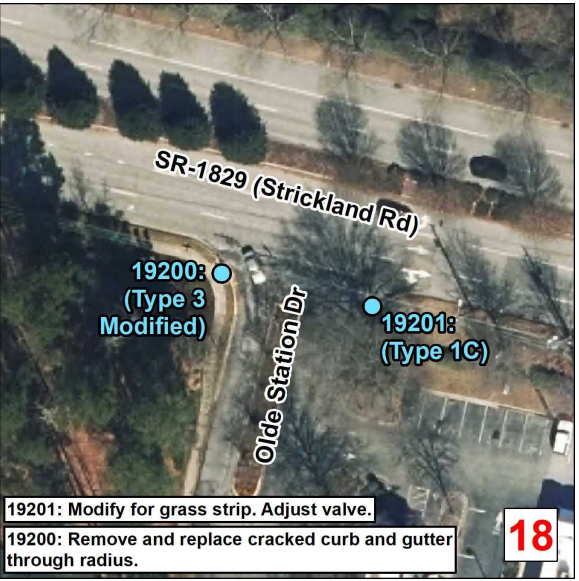
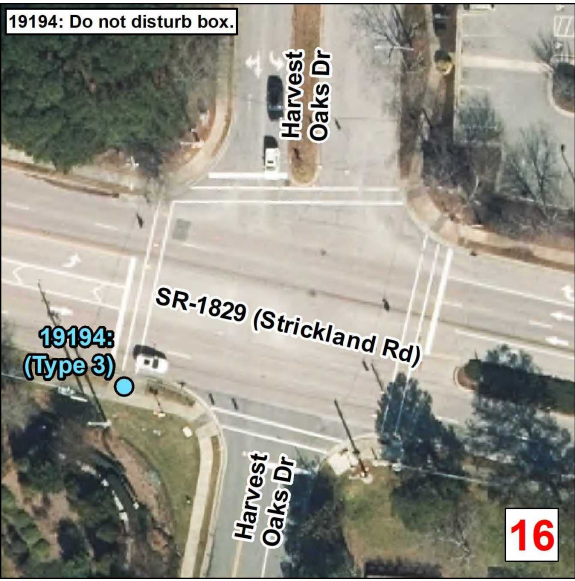
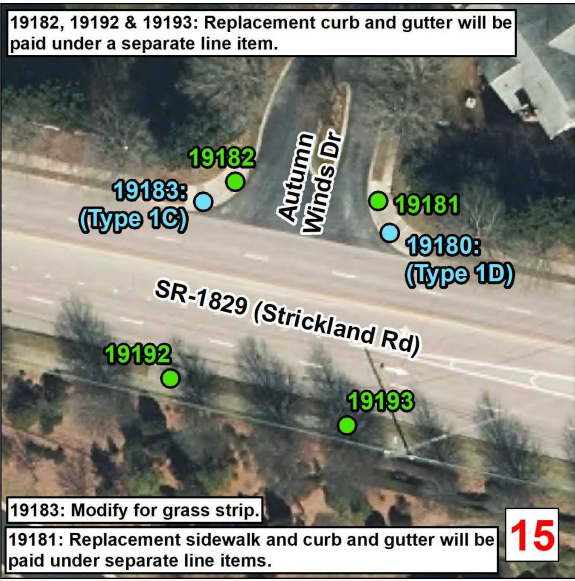
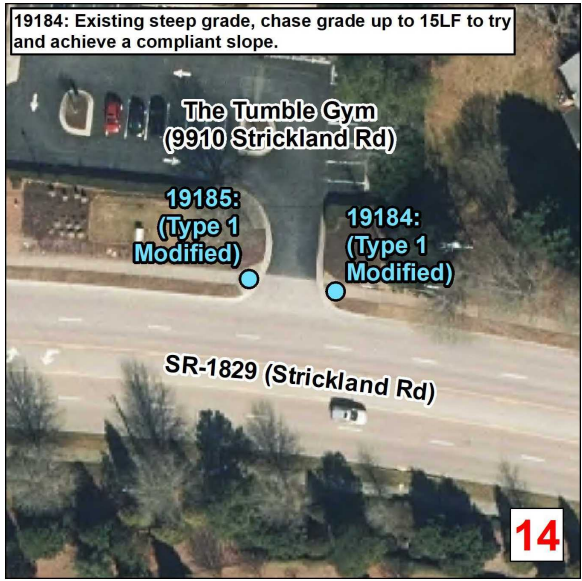
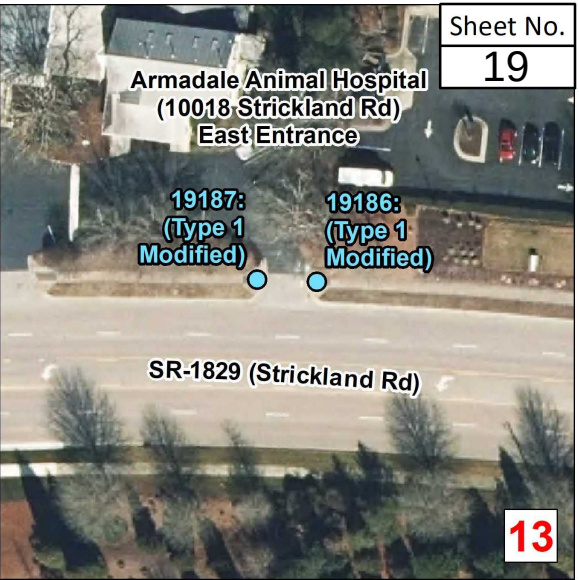
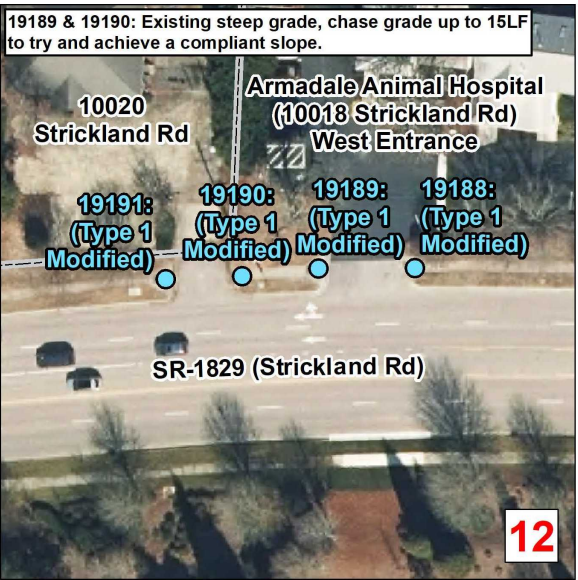
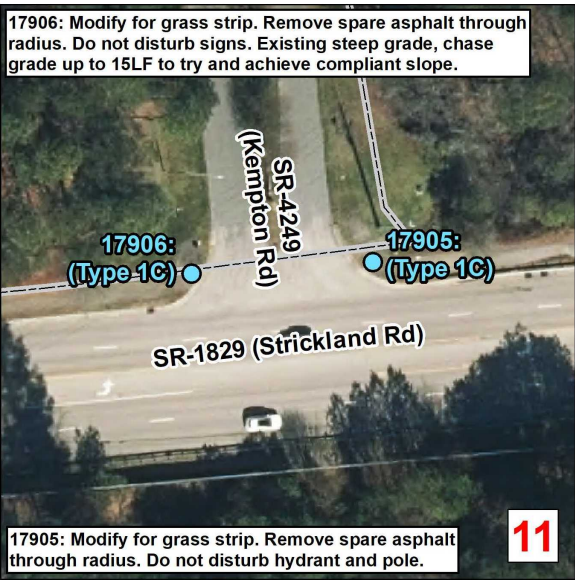
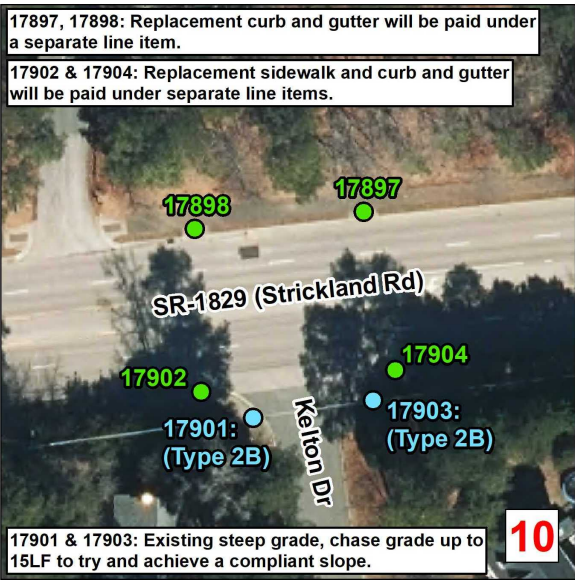
- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

□ Municipal Boundary
□ NCHPO Historic Boundary (NR and LHD)

Central - Wake County
Project Number: 2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1
Strickland Rd
From NC 50 To SR 1005

 **NORTH CAROLINA DEPARTMENT OF TRANSPORTATION**
DIVISION 5

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



Curb Ramps To Be Repaired

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

Municipal Boundary

NCHPO Historic Boundary (NR and LHD)

Central - Wake County

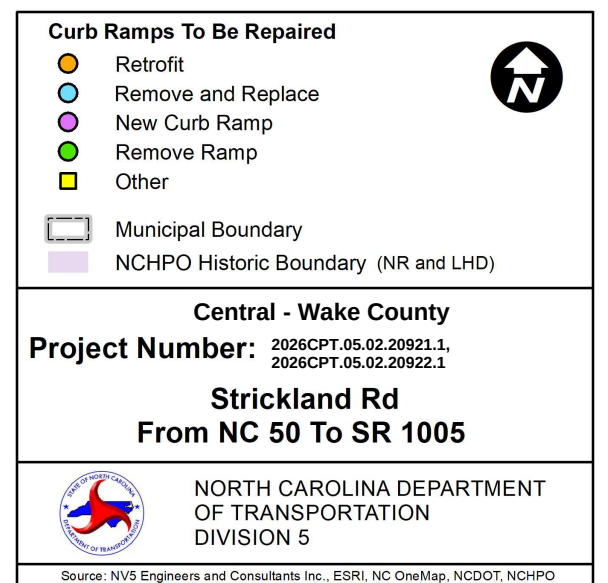
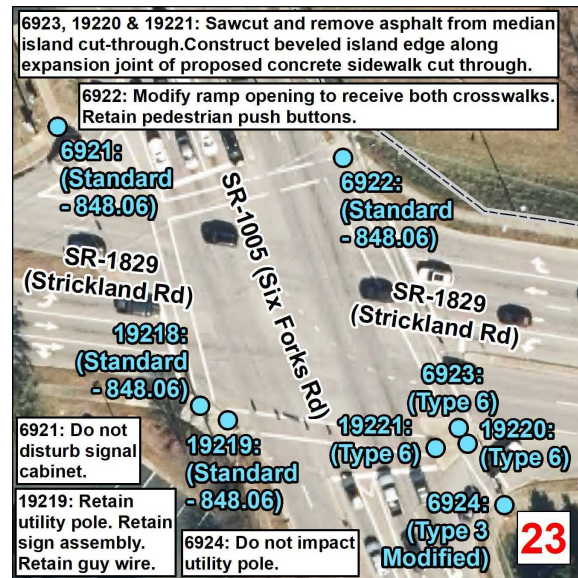
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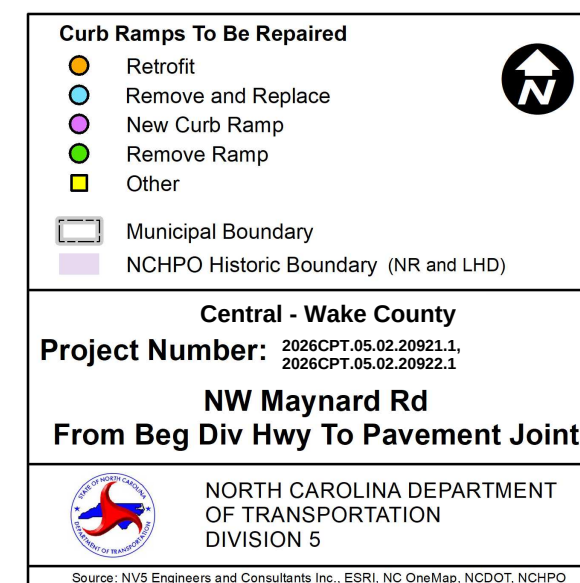
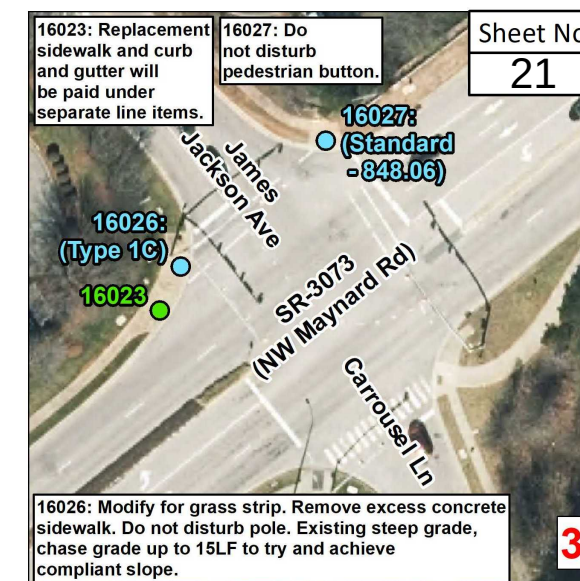
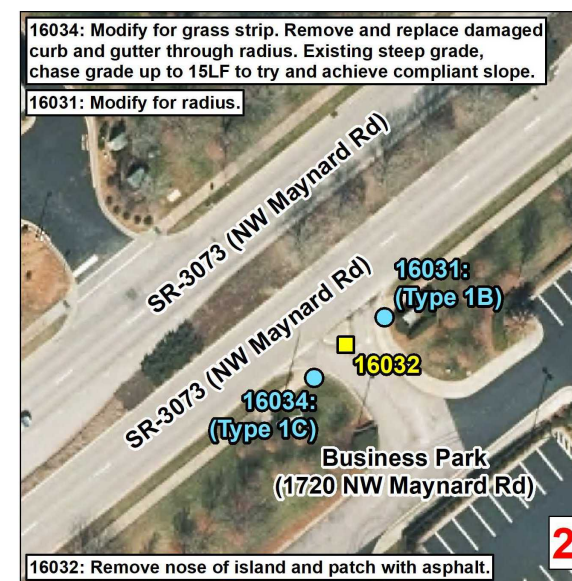
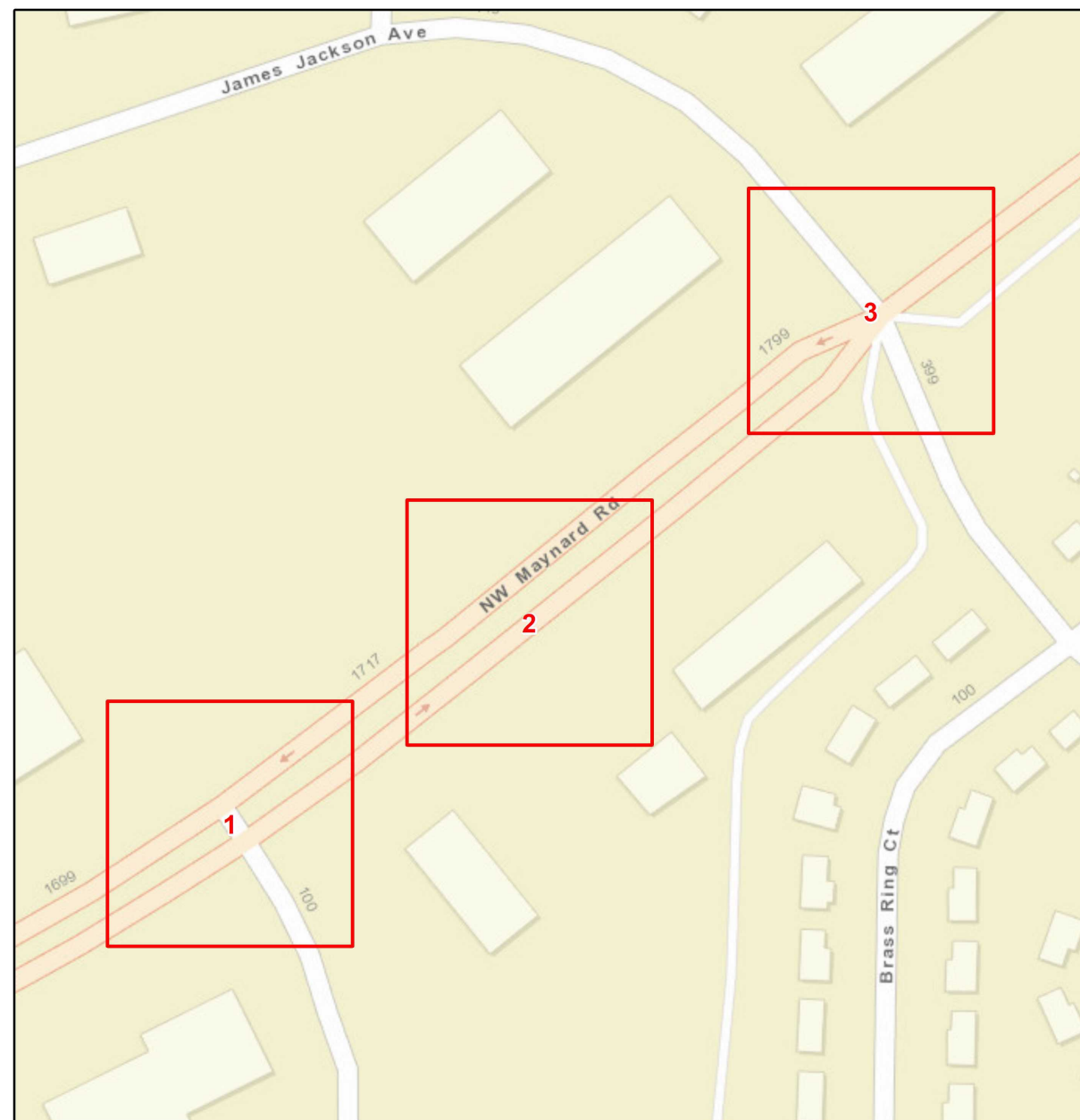
Strickland Rd
From NC 50 To SR 1005

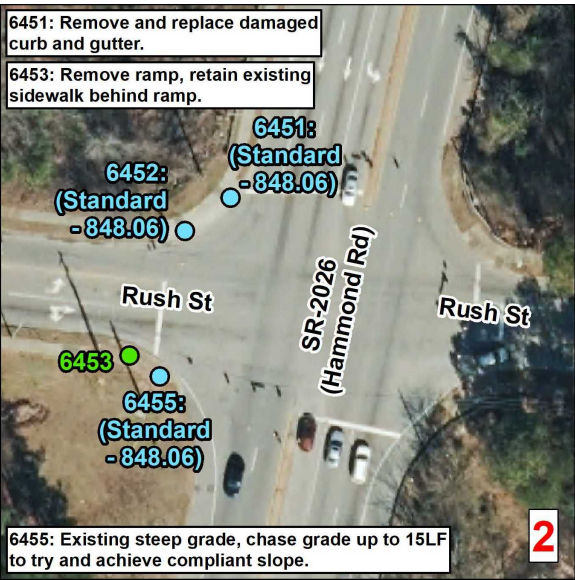
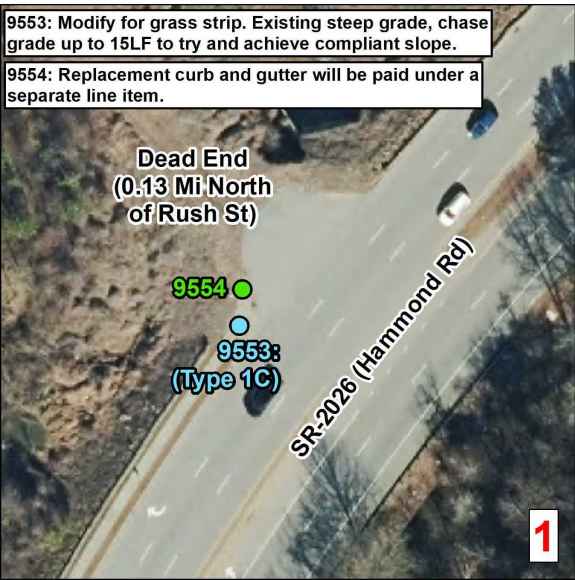
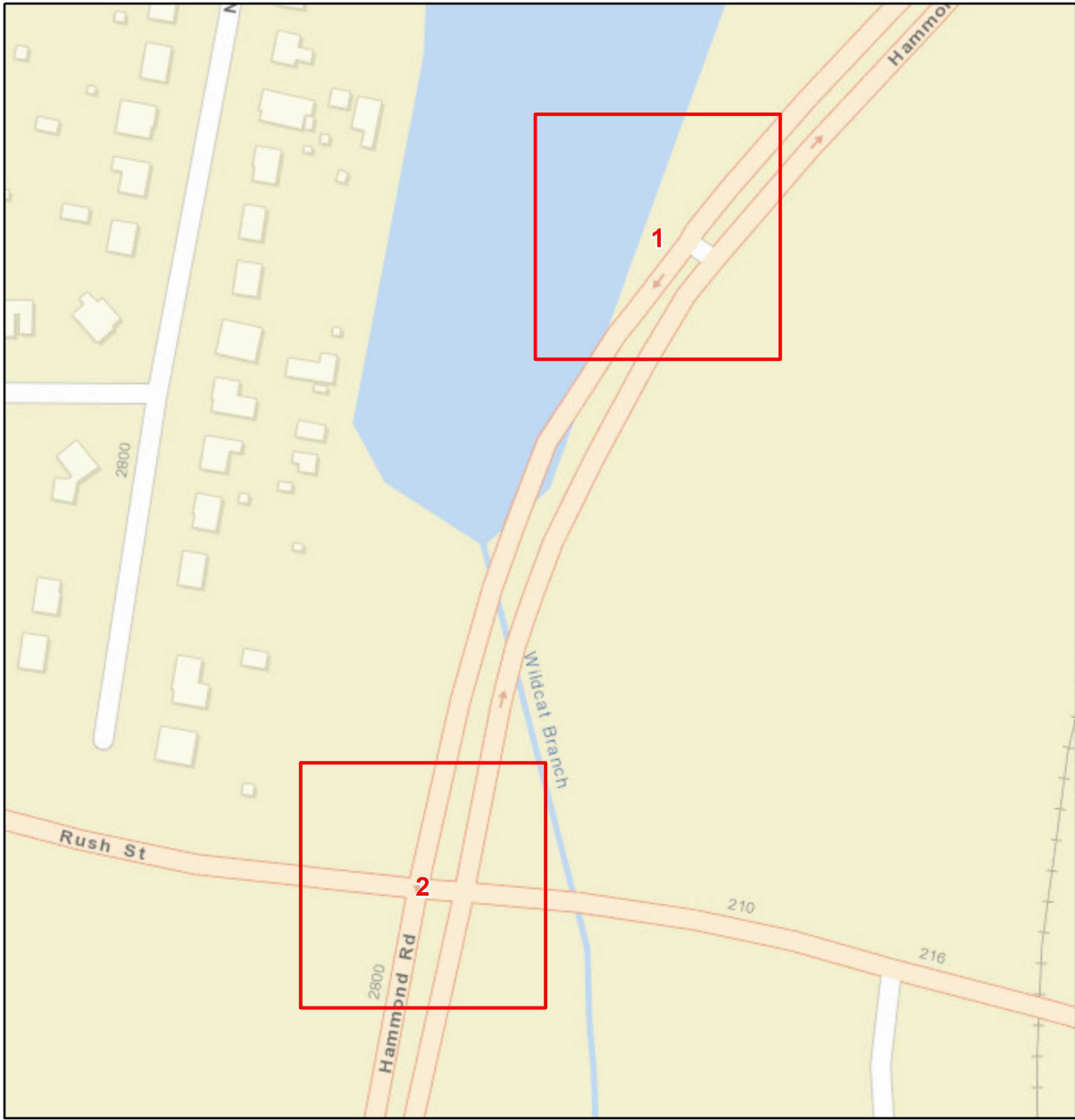


NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 5

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







Curb Ramps To Be Repaired

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

▭ Municipal Boundary

▭ NCHPO Historic Boundary (NR and LHD)

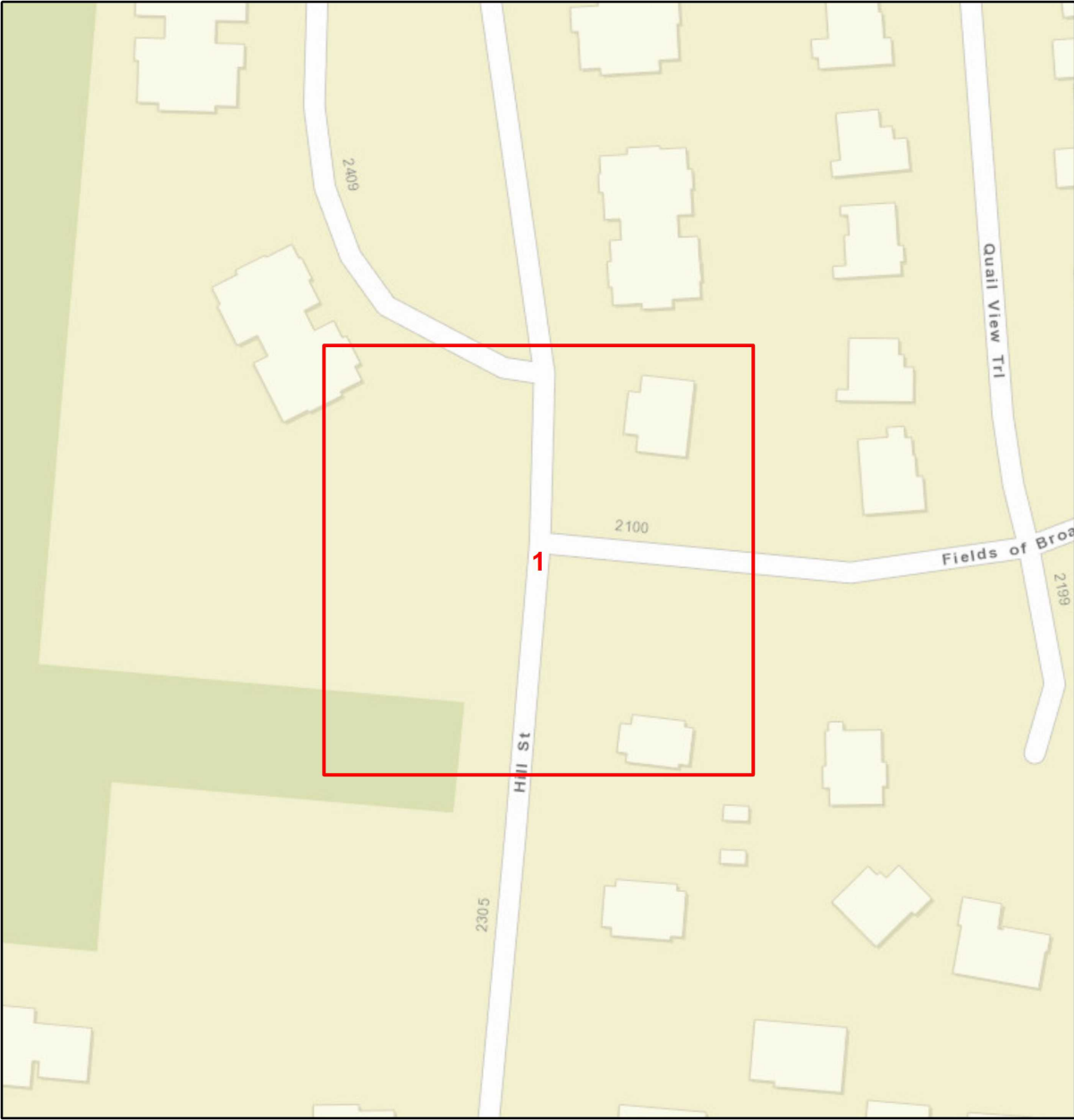
Central - Wake County

Project Number: 2026CPT.05.02.20921.1,
2026CPT.05.02.20922.1

**Hammond Rd
From Hoke St To Rush St**

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 5

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



14126: Do not impact utility panel.

14125: Replacement sidewalk and curb and gutter will be paid under separate line items.

Curb Ramps To Be Repaired

Retrofit

Remove and Replace

New Curb Ramp

Remove Ramp

Other

Municipal Boundary

NCHPO Historic Boundary (NR and LHD)

N

Central - Wake County

Project Number: 2026CPT.05.02.20921.1,
2026CPT.05.02.20922.1

Hill St
From SR 2271 To END MAINT

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 5

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

ADA SUMMARY OF QUANTITIES - TRINITY RD FROM I-40 TO SR 1664

Municipality:	Raleigh
	Outside Municipality
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
24

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type	
17072	1	SR-1656 (Trinity Rd)	SR-3049 (Wade Park Blvd)															1			Standard - 848.06	
17073	1	SR-1656 (Trinity Rd)	SR-3049 (Wade Park Blvd)															1			Standard - 848.06	
755	2	SR-1656 (Trinity Rd)	Trinity Ridge Apartments (5620 Trinity Rd)						6									1			Type 1C - 848.06	
746	3	SR-1656 (Trinity Rd)	Parking Deck (5410 Trinity Rd)						9				1					1			Type 1C - 848.06	
747	3	SR-1656 (Trinity Rd)	Parking Deck (5410 Trinity Rd)	5											1	6		1			Type 7 - 848.06	
748	3	SR-1656 (Trinity Rd)	Parking Deck (5410 Trinity Rd)				15			6								1			Type 1C - 848.06	
26354	3	SR-1656 (Trinity Rd)	Parking Deck (5410 Trinity Rd)	5											1	6		1			Type 7 - 848.06	
26356	4	SR-1656 (Trinity Rd)	Palisades III (1501 Nowell Rd) Trinity Rd Entrance	5														1			Type 7 - 848.06	
26355	4	SR-1656 (Trinity Rd)	Palisades III (1501 Nowell Rd) Trinity Rd Entrance	5														1			Type 7 - 848.06	
688	5	SR-1656 (Trinity Rd)	SR-1657 (Nowell Rd)							6								1			Type 3 Modified - 848D0609	
689	5	SR-1656 (Trinity Rd)	SR-1657 (Nowell Rd)							17			2					1			Type 2B - 848.06	
690	5	SR-1656 (Trinity Rd)	SR-1657 (Nowell Rd)															1			Type 2B - 848.06	
676	6	SR-1656 (Trinity Rd)	Sunday Dr			15					9									1	Remove Ramp	
677	6	SR-1656 (Trinity Rd)	Sunday Dr															1			Type 3 Modified - 848D0609	
678	6	SR-1656 (Trinity Rd)	Sunday Dr							6								1			Type 3 Modified - 848D0609	
680	6	SR-1656 (Trinity Rd)	Sunday Dr			15			6	6										1	Remove Ramp	
640	7	SR-1656 (Trinity Rd)	Trinity Place (1201 Edwards Mill Rd) North Entrance															1			Type 3 Modified - 848D0609	
641	7	SR-1656 (Trinity Rd)	Trinity Place (1201 Edwards Mill Rd) North Entrance			15			9											1	Remove Ramp	
642	7	SR-1656 (Trinity Rd)	Trinity Place (1201 Edwards Mill Rd) North Entrance			15														1	Remove Ramp	
643	7	SR-1656 (Trinity Rd)	Trinity Place (1201 Edwards Mill Rd) North Entrance							6								1			Type 1C - 848.06	
17087	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)															1			Standard - 848.06	
17088	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)							6								1			Standard - 848.06	
17089	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)							6								1			Standard - 848.06	
17090	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)							6								1			Standard - 848.06	
17091	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)															1			Type 2A Modified - 848.06	
17092	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)															1			Type 2B - 848.06	
17093	8	SR-1656 (Trinity Rd)	SR-3009 (Edwards Mill Rd)							3								1			Type 2B - 848.06	
631	9	SR-1656 (Trinity Rd)	Citgo Gas Station (1200 Edwards Mill Rd)															1			Type 3 - 848D0609	
632	9	SR-1656 (Trinity Rd)	Citgo Gas Station (1200 Edwards Mill Rd)						20		20			2				1			Type 6 - 848.06	
633	9	SR-1656 (Trinity Rd)	Citgo Gas Station (1200 Edwards Mill Rd)						20		20			2				1			Type 6 - 848.06	
634	9	SR-1656 (Trinity Rd)	Citgo Gas Station (1200 Edwards Mill Rd)			15			6											1	Remove Ramp	
26555	9	SR-1656 (Trinity Rd)	Citgo Gas Station (1200 Edwards Mill Rd)				5	15			9								1			Type 2B - 848.06
554	10	SR-1656 (Trinity Rd)	Hurricane Alley Way			15			9											1	Remove Ramp	
555	10	SR-1656 (Trinity Rd)	Hurricane Alley Way							6			1					1			Standard - 848.06	
557	10	SR-1656 (Trinity Rd)	Hurricane Alley Way															1			Type 1C - 848.06	
558	10	SR-1656 (Trinity Rd)	Peter Karmanos Jr Dr (West Entrance)															1			Type 2B - 848.06	
559	10	SR-1656 (Trinity Rd)	Peter Karmanos Jr Dr (West Entrance)							6								1			Type 2B - 848.06	
17102	11	SR-1656 (Trinity Rd)	Gate C West Stadium Parking															1			Type 1C - 848.06	
17103	11	SR-1656 (Trinity Rd)	Gate C West Stadium Parking							6								1			Type 1C - 848.06	
534	12	SR-1656 (Trinity Rd)	Peter Karmanos Jr Dr (East Entrance)							30	5							1			Type 1C - 848.06	
535	12	SR-1656 (Trinity Rd)	Peter Karmanos Jr Dr (East Entrance)							10	10							1			Type 1C - 848.06	
Sub-Total				20	0	90	20	15	70	141	73	0	4	4	2	12	0	34	1	6		

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - TRINITY RD FROM I-40 TO SR 1664

Municipality:	Raleigh
	Outside Municipality
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
25

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
26546	13	SR-1656 (Trinity Rd)	Parking Lot (4220 Trinity Rd) West Entrance						6									1			Type 1 Modified - 848.06
26547	13	SR-1656 (Trinity Rd)	Parking Lot (4220 Trinity Rd) West Entrance															1			Type 1 Modified - 848.06
26544	14	SR-1656 (Trinity Rd)	Parking Lot (4220 Trinity Rd) Middle Entrance						6									1			Type 1 Modified - 848.06
26545	14	SR-1656 (Trinity Rd)	Parking Lot (4220 Trinity Rd) Middle Entrance															1			Type 1 Modified - 848.06
539	15	SR-1656 (Trinity Rd)	Parking Lot (4220 Trinity Rd) East Entrance															1			Type 1 Modified - 848.06
541	15	SR-1656 (Trinity Rd)	Parking Lot (4220 Trinity Rd) East Entrance						3									1			Type 1 Modified - 848.06
549	16	SR-1656 (Trinity Rd)	NCDOT Wake Co Maint (1301 Blue Ridge Rd) Trinity Rd Entrance															1			Type 1C - 848.06
551	16	SR-1656 (Trinity Rd)	NCDOT Wake Co Maint (1301 Blue Ridge Rd) Trinity Rd Entrance						6									1			Type 1C - 848.06
-	-	-	-	-	-	-	168*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total				0	0	0	168	0	0	21	0	0	0	0	0	0	0	8	0	0	
Sub-Total for Trinity Rd From I-40 To SR 1664				20	0	90	188	15	70	162	73	0	4	4	2	12	0	42	1	6	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - TRINITY RD / TRENTON RD FROM NC 54 TO I-40

Municipality:	Cary
	Outside Municipality
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
26

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
17061	1	SR-1655 (Trinity Rd)	Falcon Engineering (1210 Trinity Rd)															1			Type 1 Modified - 848.06
17062	1	SR-1655 (Trinity Rd)	Falcon Engineering (1210 Trinity Rd)															1			Type 1 Modified - 848.06
17065	2	SR-1655 (Trinity Rd)	All Saints Pl						6									1			Standard - 848.06
17066	2	SR-1655 (Trinity Rd)	All Saints Pl						6									1			Type 4B - 848D0610
17063	3	SR-1655 (Trinity Rd)	Trinity Grove Dr															1			Standard - 848.06
17064	3	SR-1655 (Trinity Rd)	Trinity Grove Dr						12									1			Type 4B - 848D0610
17067	4	SR-1655 (Trinity Rd)	Trinity Woods Dr						6									1			Type 1C - 848.06
17068	5	SR-1655 (Trinity Rd)	Brandywine Dr						6									1			Type 1C - 848.06
17069	5	SR-1655 (Trinity Rd)	Brandywine Dr						3									1			Type 3 Modified - 848D0609
-	-	-	-	-	-	-	36*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total for Trinity Rd / Trenton Rd From NC 54 To I-40				0	0	0	36	0	0	39	0	0	0	0	0	0	0	9	0	0	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - TRAILWOOD DR FROM SR 1321 TO BEG C&G

Municipality:	Raleigh
	Outside Municipality
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
27

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
9068	1	SR-1348 (Trailwood Dr)	Walnut Creek Greenway Crossing at Trailwood Dr	14						6							5	1			Standard - 848.06
9069	1	SR-1348 (Trailwood Dr)	Walnut Creek Greenway Crossing at Trailwood Dr	7														1			Type 7 - 848.06
9070	1	SR-1348 (Trailwood Dr)	Walnut Creek Greenway Crossing at Trailwood Dr	7														1			Type 7 - 848.06
6331	2	SR-1321 (Avent Ferry Rd)	SR-1348 (Trailwood Dr)							6		1						1			Type 1C - 848.06
-	-	-	-	-	-	-	16*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total for Trailwood Dr From SR 1321 To Beg C&G				28	0	0	16	0	0	12	0	1	0	0	0	0	5	4	0	0	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - STRICKLAND RD FROM NC 50 TO SR 1005

Municipality:	Raleigh
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
28

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
6773	1	SR-1829 (Strickland Rd)	Truist (8320 Creedmoor Rd)															1			Type 1C - 848.06
6774	1	SR-1829 (Strickland Rd)	Truist (8320 Creedmoor Rd)															1			Type 7 - 848.06
6775	1	SR-1829 (Strickland Rd)	Truist (8320 Creedmoor Rd)															1			Type 1C - 848.06
16989	1	SR-1829 (Strickland Rd)	Exxon (8400 Creedmoor Rd)						3									1			Type 1C - 848.06
16990	1	SR-1829 (Strickland Rd)	Exxon (8400 Creedmoor Rd)						3									1			Type 1C - 848.06
26392	1	SR-1829 (Strickland Rd)	Truist (8320 Creedmoor Rd)															1			Type 7 - 848.06
6780	2	SR-1829 (Strickland Rd)	Standonshire Way															1			Type 1C - 848.06
6781	2	SR-1829 (Strickland Rd)	Standonshire Way															1			Type 1C - 848.06
17879	3	SR-1829 (Strickland Rd)	Quest Academy Charter School (10908 Strickland Rd) West Entrance						9									1			Type 1D - 848.06
17880	3	SR-1829 (Strickland Rd)	Quest Academy Charter School (10908 Strickland Rd) West Entrance						3	3								1			Type 1C - 848.06
17875	4	SR-1829 (Strickland Rd)	Jared Way															1			Type 1C - 848.06
17876	4	SR-1829 (Strickland Rd)	Jared Way															1			Type 1C - 848.06
17877	5	SR-1829 (Strickland Rd)	Quest Academy Charter School (10908 Strickland Rd) East Entrance															1			Type 1C - 848.06
17878	5	SR-1829 (Strickland Rd)	Quest Academy Charter School (10908 Strickland Rd) East Entrance															1			Type 1 Modified - 848.06
17881	6	SR-1829 (Strickland Rd)	Barleymoor Dr			18			9											1	Remove Ramp
17882	6	SR-1829 (Strickland Rd)	Barleymoor Dr															1			Type 1D - 848.06
17883	6	SR-1829 (Strickland Rd)	Barleymoor Dr			15														1	Remove Ramp
17884	6	SR-1829 (Strickland Rd)	Barleymoor Dr															1			Type 1C - 848.06
17885	6	SR-1829 (Strickland Rd)	Barleymoor Dr			15														1	Remove Ramp
17886	6	SR-1829 (Strickland Rd)	Barleymoor Dr															1			Type 1C - 848.06
17887	6	SR-1829 (Strickland Rd)	Barleymoor Dr			15														1	Remove Ramp
17888	6	SR-1829 (Strickland Rd)	Barleymoor Dr															1			Type 1C - 848.06
17907	7	SR-1829 (Strickland Rd)	Capital Area Greenway Trail															1			Type 1 Modified - 848.06
17908	7	SR-1829 (Strickland Rd)	Capital Area Greenway Trail															1			Type 1 Modified - 848.06
17889	8	SR-1829 (Strickland Rd)	Windjammer Dr			15				12										1	Remove Ramp
17890	8	SR-1829 (Strickland Rd)	Windjammer Dr															1			Type 1C - 848.06
17891	8	SR-1829 (Strickland Rd)	Windjammer Dr			15			9											1	Remove Ramp
17892	8	SR-1829 (Strickland Rd)	Windjammer Dr															1			Type 1D - 848.06
17893	8	SR-1829 (Strickland Rd)	Windjammer Dr			20														1	Remove Ramp
17894	8	SR-1829 (Strickland Rd)	Windjammer Dr															1			Type 1C - 848.06
17895	8	SR-1829 (Strickland Rd)	Windjammer Dr			20			12											1	Remove Ramp
17896	8	SR-1829 (Strickland Rd)	Windjammer Dr										1					1			Type 1D - 848.06
17899	9	SR-1829 (Strickland Rd)	Chesterbrook Academy (10200 Strickland Rd)															1			Type 1 Modified - 848.06
17900	9	SR-1829 (Strickland Rd)	Chesterbrook Academy (10200 Strickland Rd)															1			Type 1 Modified - 848.06
17897	10	SR-1829 (Strickland Rd)	Kelton Dr			15														1	Remove Ramp
17898	10	SR-1829 (Strickland Rd)	Kelton Dr			15														1	Remove Ramp
17901	10	SR-1829 (Strickland Rd)	Kelton Dr						6									1			Type 2B - 848.06
Sub-Total				0	0	163	0	0	30	24	15	0	1	0	0	0	0	27	0	10	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - STRICKLAND RD FROM NC 50 TO SR 1005

Municipality:	Raleigh
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
29

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
17902	10	SR-1829 (Strickland Rd)	Kelton Dr			15			9											1	Remove Ramp
17903	10	SR-1829 (Strickland Rd)	Kelton Dr						6									1			Type 2B - 848.06
17904	10	SR-1829 (Strickland Rd)	Kelton Dr			15			9											1	Remove Ramp
17905	11	SR-1829 (Strickland Rd)	SR-4249 (Kempton Rd)	10														1			Type 1C - 848.06
17906	11	SR-1829 (Strickland Rd)	SR-4249 (Kempton Rd)	10	4													1			Type 1C - 848.06
19188	12	SR-1829 (Strickland Rd)	Armadale Animal Hospital (10018 Strickland Rd) West Entrance															1			Type 1 Modified - 848.06
19189	12	SR-1829 (Strickland Rd)	Armadale Animal Hospital (10018 Strickland Rd) West Entrance						6									1			Type 1 Modified - 848.06
19190	12	SR-1829 (Strickland Rd)	10020 Strickland Rd						6									1			Type 1 Modified - 848.06
19191	12	SR-1829 (Strickland Rd)	10020 Strickland Rd															1			Type 1 Modified - 848.06
19186	13	SR-1829 (Strickland Rd)	Armadale Animal Hospital (10018 Strickland Rd) East Entrance															1			Type 1 Modified - 848.06
19187	13	SR-1829 (Strickland Rd)	Armadale Animal Hospital (10018 Strickland Rd) East Entrance															1			Type 1 Modified - 848.06
19184	14	SR-1829 (Strickland Rd)	The Tumble Gym (9910 Strickland Rd)						3									1			Type 1 Modified - 848.06
19185	14	SR-1829 (Strickland Rd)	The Tumble Gym (9910 Strickland Rd)															1			Type 1 Modified - 848.06
19180	15	SR-1829 (Strickland Rd)	Autumn Winds Dr															1			Type 1D - 848.06
19181	15	SR-1829 (Strickland Rd)	Autumn Winds Dr			20			9											1	Remove Ramp
19182	15	SR-1829 (Strickland Rd)	Autumn Winds Dr			20														1	Remove Ramp
19183	15	SR-1829 (Strickland Rd)	Autumn Winds Dr															1			Type 1C - 848.06
19192	15	SR-1829 (Strickland Rd)	Autumn Winds Dr			17														1	Remove Ramp
19193	15	SR-1829 (Strickland Rd)	Autumn Winds Dr			17														1	Remove Ramp
19194	16	SR-1829 (Strickland Rd)	Harvest Oaks Dr															1			Type 3 - 848D0609
19222	17	SR-1829 (Strickland Rd)	Goodberry's (9700 Strickland Rd)			15			9											1	Remove Ramp
19200	18	SR-1829 (Strickland Rd)	Olde Station Dr				10											1			Type 3 Modified - 848D0609
19201	18	SR-1829 (Strickland Rd)	Olde Station Dr										1					1			Type 1C - 848.06
19175	19	SR-1829 (Strickland Rd)	Harvest Plaza (9600 Strickland Rd)						3	6								1			Type 3 Modified - 848D0609
19176	19	SR-1829 (Strickland Rd)	Harvest Plaza (9600 Strickland Rd)			15			9											1	Remove Ramp
19202	19	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) West Entrance			15			9											1	Remove Ramp
19203	19	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) West Entrance															1			Type 1C - 848.06
19204	19	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) West Entrance						3									1			Type 1C - 848.06
19205	19	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) West Entrance						3									1			Type 3 Modified - 848D0609
26556	19	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) West Entrance		2	8		16													Other
19206	20	SR-1829 (Strickland Rd)	Exxon (9501 Strickland Rd) West Entrance															1			Type 1 Modified - 848.06
19207	20	SR-1829 (Strickland Rd)	Exxon (9501 Strickland Rd) West Entrance						6									1			Type 1 Modified - 848.06
Sub-Total				20	6	157	10	16	63	33	0	0	1	0	0	0	0	22	0	9	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - STRICKLAND RD FROM NC 50 TO SR 1005

Municipality:	Raleigh
WBS	2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1
Number:	
County:	Wake

Sheet No.
30

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
19208	20	SR-1829 (Strickland Rd)	Exxon (9501 Strickland Rd) East Entrance				15											1			Type 1 Modified - 848.06
19209	20	SR-1829 (Strickland Rd)	Exxon (9501 Strickland Rd) East Entrance							6								1			Type 1 Modified - 848.06
19173	21	SR-1829 (Strickland Rd)	Wells Fargo (8901 Six Forks Rd)															1			Type 2B - 848.06
19174	21	SR-1829 (Strickland Rd)	Wells Fargo (8901 Six Forks Rd)							6								1			Type 2B - 848.06
19210	21	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) Middle Entrance			15			6											1	Remove Ramp
19211	21	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) Middle Entrance															1			Type 1C - 848.06
19212	21	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) Middle Entrance															1			Type 1C - 848.06
19213	21	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) Middle Entrance			15			9											1	Remove Ramp
19214	22	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) East Entrance			15			9	3										1	Remove Ramp
19215	22	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) East Entrance															1			Type 1C - 848.06
19216	22	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) East Entrance															1			Type 1C - 848.06
19217	22	SR-1829 (Strickland Rd)	Six Forks Station Shopping Center (9517 Strickland Rd) East Entrance			15			9	3										1	Remove Ramp
6921	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Standard - 848.06
6922	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Standard - 848.06
6923	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)	15											4			1			Type 6 - 848.06
6924	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Type 3 Modified - 848D0609
19218	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Standard - 848.06
19219	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Standard - 848.06
19220	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Type 6 - 848.06
19221	23	SR-1005 (Six Forks Rd)	SR-1829 (Strickland Rd)															1			Type 6 - 848.06
-	-	-	-	-	-	-	260*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total				15	0	60	275	0	33	18	0	0	0	0	4	0	0	16	0	4	
Sub-Total for Strickland Rd From NC 50 To SR 1005				35	6	380	285	16	126	75	15	0	2	0	4	0	0	65	0	23	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - NW MAYNARD RD FROM BEG DIV HWY TO PAVEMENT JOINT

Municipality:	Cary
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
31

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
16050	1	SR-3073 (NW Maynard Rd)	Caliber Collision (1661 NW Maynard Rd)															1			Type 1C - 848.06
16051	1	SR-3073 (NW Maynard Rd)	Caliber Collision (1661 NW Maynard Rd)															1			Type 1C - 848.06
16031	2	SR-3073 (NW Maynard Rd)	Business Park (1720 NW Maynard Rd)															1			Type 1B - 848.06
16032	2	SR-3073 (NW Maynard Rd)	Business Park (1720 NW Maynard Rd)		1											4					Other
16034	2	SR-3073 (NW Maynard Rd)	Business Park (1720 NW Maynard Rd)				15			3								1			Type 1C - 848.06
16023	3	SR-3073 (NW Maynard Rd)	James Jackson Ave			18			12											1	Remove Ramp
16026	3	SR-3073 (NW Maynard Rd)	James Jackson Ave								12		2					1			Type 1C - 848.06
16027	3	SR-3073 (NW Maynard Rd)	James Jackson Ave															1			Standard - 848.06
-	-	-	-	-	-	-	24*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total for NW Maynard Rd From Beg Div Hwy To Pavement Joint				0	1	18	39	0	12	3	12	0	2	0	0	4	0	6	0	1	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - HAMMOND RD FROM HOKE ST TO RUSH ST

Municipality:	Raleigh
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
32

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
9553	1	SR-2026 (Hammond Rd)	Dead end (0.13 Mi North of Rush St)							6								1			Type 1C - 848.06
9554	1	SR-2026 (Hammond Rd)	Dead end (0.13 Mi North of Rush St)			15														1	Remove Ramp
6451	2	SR-2026 (Hammond Rd)	Rush St				10											1			Standard - 848.06
6452	2	SR-2026 (Hammond Rd)	Rush St															1			Standard - 848.06
6453	2	SR-2026 (Hammond Rd)	Rush St			15														1	Remove Ramp
6455	2	SR-2026 (Hammond Rd)	Rush St							3								1			Standard - 848.06
-	-	-	-	-	-	-	16*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total for Hammond Rd From Hoke St To Rush St				0	0	30	26	0	0	9	0	0	0	0	0	0	0	4	0	2	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - HILL ST FROM SR 2271 TO END MAINT

Municipality:	Raleigh
WBS	2026CPT.05.02.20921.1,
Number:	2026CPT.05.02.20922.1
County:	Wake

Sheet No.
33

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
14125	1	SR-2250 (Hill St)	Fields Of Broadlands Dr			15			6											1	Remove Ramp
14126	1	SR-2250 (Hill St)	Fields Of Broadlands Dr															1			Type 3 - 848D0609
-	-	-	-	-	-	-	4*	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total for Hill St From SR 2271 To END MAINT				0	0	15	4	0	6	0	0	0	0	0	0	0	0	1	0	1	

Notes: (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 pay limits.

ADA SUMMARY OF QUANTITIES - TOTALS

WBS Number:	2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1
County:	Wake

Sheet No.
34

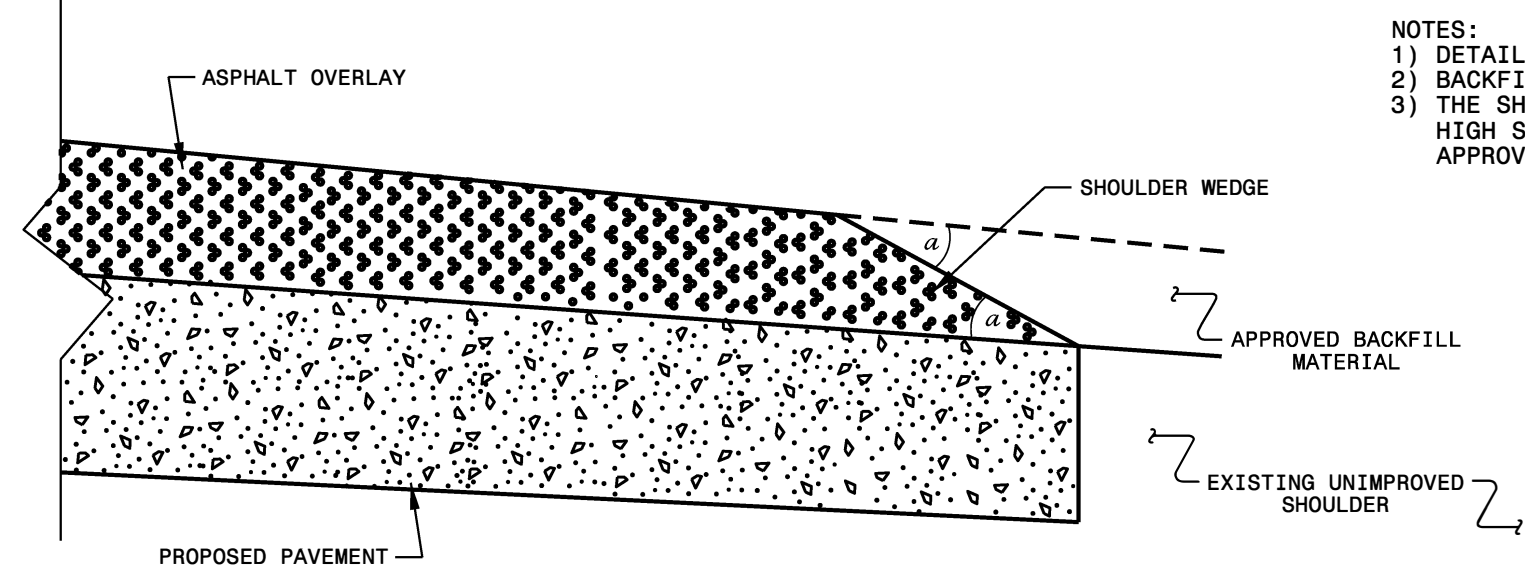
WBS Number	County	Municipality	Resurfacing Route	4447000000-E (LF) Pedestrian Channelizing Devices	4600000000-N (EA) Generic Traffic Control Item - Pedestrian Transport Service (Per Trip)	4600000000-N (EA) Generic Traffic Control Item - Audible Warning Devices	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2830000000-N (EA) Adjustment of Manholes	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2655000000-E (SY) 5" Monolithic Concrete Island (Keyed In)	2738000000-E (SY) Remove And Replace 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove 5" Monolithic Concrete Islands (Keyed In)	2738000000-E (SY) Remove Driveway Apron	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps
2026CPT.05.02.20921.1	Wake	Raleigh	Strickland Rd From NC 50 To SR 1005	120	10	6	35	6	380	285	16	126	75	15	0	2	0	4	0	0	65	0	23
2026CPT.05.02.20921.1	Wake	Raleigh	Hill St From SR 2271 To END MAINT	8	0	0	0	0	15	4	0	6	0	0	0	0	0	0	0	0	1	0	1
2026CPT.05.02.20921.1	Wake	Raleigh	Hammond Rd From Hoke St To From Rush St	8	5	0	0	0	30	26	0	0	9	0	0	0	0	0	0	0	4	0	2
2026CPT.05.02.20921.1	Wake	Raleigh Outside Municipality	Trailwood Dr From SR 1321 To Beg C&G	12	5	0	28	0	0	16	0	0	12	0	1	0	0	0	0	5	4	0	0
2026CPT.05.02.20921.1	Wake	Cary	NW Maynard Rd From Beg Div Hwy To Pavement Joint	24	5	0	0	1	18	39	0	12	3	12	0	2	0	0	4	0	6	0	1
2026CPT.05.02.20921.1	Wake	Cary Outside Municipality	Trinity Rd / Trenton Rd From NC 54 To I-40	30	5	0	0	0	0	36	0	0	39	0	0	0	0	0	0	0	9	0	0
2026CPT.05.02.20921.1	Wake	Raleigh Outside Municipality	Trinity Rd From I-40 To SR 1664	60	10	0	20	0	90	188	15	70	162	73	0	4	4	2	12	0	42	1	6
GRAND TOTAL				262	40	6	83	7	533	594	31	214	300	100	1	8	4	6	16	5	131	1	33

																												PROJECT NO.				SHEET NO.	TOTAL NO.					
																												2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1				35						
SUMMARY OF QUANTITIES																																						
								0156000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1308000000-E	1330000000-E	1519000000-E	1523000000-E	1575000000-E	1704000000-E	2549000000-E	2591000000-E	2605000000-N	2612500000-N	2655000000-E	2738000000-E					2752000000-E		2759000000-N	2830000000-N	2845000000-N	4600000000-N		6084000000-E	7444000000-E	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	REMOVAL OF EXISTING ASPHALT PAVEMENT	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1½" MILLING	0" TO 1.5" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	2'-6" CONCRETE CURB & GUTTER	4" CONCRETE SIDEWALK	CONCRETE CURB RAMPS	REMOVE AND REPLACE CONCRETE CURB RAMPS	5" MONOLITHIC CONCRETE ISLANDS	REMOVE AND REPLACE 4" CONCRETE SIDEWALK	REMOVE AND REPLACE 5" MONOLITHIC CONCRETE ISLANDS	REMOVE 4" CONCRETE SIDEWALK	REMOVE 5" MONOLITHIC CONCRETE ISLANDS	REMOVE DRIVEWAY APRON	REMOVE AND REPLACE 2'-6" CONCRETE CURB & GUTTER	REMOVE 2'-6" CONCRETE CURB & GUTTER	REMOVE CONCRETE CURB RAMPS	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER BOXES OR VALVE BOXES	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN TRANSPORT SERVICE (PER TRIP)	GENERIC TRAFFIC CONTROL ITEM AUDIBLE WARNING DEVICES	SEED & MULCHING	INDUCTIVE LOOP SAWCUT	
						MI	FT	SY	TONS	SMI	TON	SY	SY	SY	TONS	TONS	TON	TONS	LF	SY	EA	EA	SY	SY	SY	SY	SY	LF	LF	EA	EA	EA	EA	EA	EA	AC	LF	
2026CPT.05.02.20921.1	Wake	1	SR-1656 / TRINITY RD	FROM SR 1655 TO I-40	1	0.287	42		14	0.57	27			376	429		28	11																		0.21		
		2	SR-1656 / TRINITY RD	FROM I-40 TO SR 1664	2	1.891	60	20.0					62,199		2,352		5,748	342	65	90	70	1	42.0	4	162	2	73	12		188	15	6		4	10		1.38	1,284
		3	SR-3114 / TRINITY RD	FROM SR 1656 TO SR 1655	1	0.045	22		2	0.09	4				85		6	18																		0.03		
		4	SR-1655 / TRINITY RD/TRENTON RD	FROM NC 54 TO I-40	1	1.77	22		88	3.54	164				22,845	2,677		179	112				9.0		39					36				2	5		1.29	384
		5	SR-1348 / TRAILWOOD DR	FROM SR 1321 TO BEG C&G	3	0.898	20	28.0	45	1.80	83	16,743		488	1,520		141	878					4.0		12				5	16			1		5		0.65	264
		6	SR-1829 / STRICKLAND RD	FROM NC 50 TO SR 1005	4	1.605	60	35.0					59,832		1,626	5,430		353	6	380	126								285	16	23		2	10	6	1.17	3,816	
		7	SR-3073 / NW MAYNARD RD	FROM BEG DIV HWY TO PAVEMENT JOINT	2	0.361	26						5,888		946		363	21	1	18	12			6.0		3	4	12		39		1		2	5		0.26	480
		8	SR-3073 / NW MAYNARD RD	FROM PAVEMENT JOINT TO END DIVIDED	2	0.361	26						6,321		625		390	23	9																		0.26	480
		9	SR-2026 / HAMMOND RD/S PERSON ST	FROM RUSH ST TO HOKE ST	5	1.495	40		75	2.99	138	48,436		1,407		2,985	178	40																			1.09	924
		10	SR-2026 / HAMMOND RD	FROM HOKE ST TO RUSH ST	9	1.495	40		75	2.99	138	49,385		2,137		3,043	181	40	30				4.0		9					26		2			5		1.09	924
		11	SR-3041 / DUBLIN WOODS DR	FROM SR 1650 TO CDS	6	0.483	28		24	0.97	45	8,160	2,770	314	741		50	42																			0.35	
		12	SR-2250 / HILL ST	FROM SR 2271 TO END MAINT	1	0.15	20		7	0.30	14				537	195		21	176	15	6		1.0							4		1		2		0.11		
TOTAL FOR PROJ NO. 2026CPT.05.02.20921.1						10.841		83.0	330	13.25	613	256,964	2,770	33,653	11,077	12,529	1,523	1,398	533	214	1	131.0	4	300	10	100	12	5	594	31	33	1	12	40	6	7.89	8,556	
2026CPT.05.02.20922.1	Wake	13	SR-2271 / DOGWOOD DR	FROM SR 2249 TO END PAVEMENT	7	0.293	18							50	208		18	88																		0.21		
		14	SR-2249 / SUNLIT LN	FROM SR 2204 TO SR 2271	7	0.069	20								211	54		4	6																	0.05		
TOTAL FOR PROJ NO. 2026CPT.05.02.20922.1						0.362								261	262		22	94																		0.26		
GRAND TOTAL																																						
						11.203		83.0	330	13.25	613	256,964	2,770	33,914	11,339	12,529	1,545	1,492	533	214	1	131.0	4	300	10	100	12	5	594	31	33	1	12	40	6	8.15	8,556	

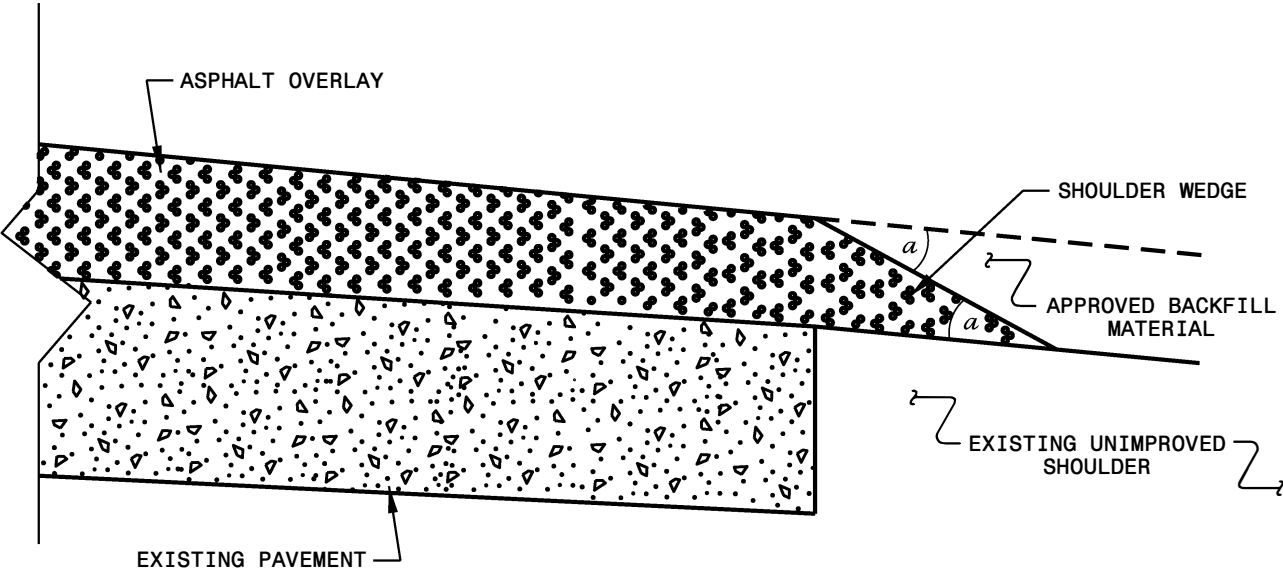
			PROJECT NO.		SHEET NO.	TOTAL NO.
			2026CPT.05.02.20921.1, 2026CPT.05.02.20922.1		36	

THERMOPLASTIC AND PAINT QUANTITIES																																																			
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	4413000000-E WORK ZONE ADVANCE/G ENERAL WARNING SIGNING	4447000000-E PEDESTRIAN CHANNELIZING DE- VICES	4457000000-N TEMPORARY TRAFFIC CONTROL	4510000000-N LAW ENFORCEMENT	4688000000-E 6" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	12" X 90 M WHITE THERMO	12" X 90 M YELLOW THERMO	24" X 90 M WHITE THERMO	THERMO MSG ONLY 90 M	THERMO MSG SCHOOL 90 M	THERMO LT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & LT ARROW 90 M	4726110000-E HEATED-IN- PLACE THERMO SYMBOL 90 MIL (BIKE STR ARROW)	4775000000-E 6" YELLOW COLD APPLIED PLASTIC, TYPE II	6" WHITE COLD APPLIED PLASTIC, TYPE II	4780000000-E 8" YELLOW COLD APPLIED PLASTIC, TYPE II	4815000000-E 6" WHITE PAINT	6" YELLOW PAINT	8" YELLOW PAINT	8" WHITE PAINT	12" WHITE PAINT	12" YELLOW PAINT	24" WHITE PAINT	PAINT MSG ONLY	PAINT MSG SCHOOL	PAINT LT ARROW	PAINT RT ARROW	PAINT STR ARROW	PAINT STR & RT ARROW	PAINT STR & LT ARROW	4855000000-E 6" LINE REMOVAL	4860000000-E 8" LINE REMOVAL	4865000000-E 12" LINE REMOVAL	4870000000-E 24" LINE REMOVAL	4875000000-N REML OF PVMT MRKG SYMBOLS & CHARACTERS			
						MI	FT	SF	LF	LS	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2026CPT.05.02.20921.1	Wake	1	SR-1656 / TRINITY RD	FROM SR 1655 TO I-40	1	0.287	42	33		*		4,628	3,416	110							1	1	1				1,310	656	62														1,966	62							
		2	SR-1656 / TRINITY RD	FROM I-40 TO SR 1664	2	1.891	60	212	60			32,686	28,535	230	1,292	120	30	464	16		55	9	11	12	3	7				28,535	32,686	230	1,292	120	30	464	16		55	12	11	9	3	61,221	1,522	150	464	106			
		3	SR-3114 / TRINITY RD	FROM SR 1656 TO SR 1655	1	0.045	22	5				474	692					32																																	
		4	SR-1655 / TRINITY RD/TRENTON RD	FROM NC 54 TO I-40	1	1.77	22	199	30			24,394	21,567	264				48			13			2																											
		5	SR-1348 / TRAILWOOD DR	FROM SR 1321 TO BEG C&G	3	0.898	20	101	12		40	10,612	9,892	110				247			5			2						9,892	10,612	110						5	2				20,504	110		247	7				
		6	SR-1829 / STRICKLAND RD	FROM NC 50 TO SR 1005	4	1.605	60	180	120		200	18,480	20,994			1,400		1,610	8	36	54	10	19	5						20,994	18,480			1,400		1,910	8	36	54	5	19	10		39,474		1,400	1,610	132			
		7	SR-3073 / NW MAYNARD RD	FROM BEG DIV HWY TO PAVEMENT JOINT	2	0.361	26	41	24		40		2,502					36			4	2	2							2,502						36			4		2	2		2,502			36	8			
		8	SR-3073 / NW MAYNARD RD	FROM PAVEMENT JOINT TO END DIVIDED	2	0.361	26	41			40		2,954					36			3		4	2						2,954						36			3	2	4			2,954			36	9			
		9	SR-2026 / HAMMOND RD/S PERSON ST	FROM RUSH ST TO HOKE ST	5	1.495	40	168			160	8,132	26,018			600		120	8		7		21	4						26,018	8,132			600		120	8		7	4	21			34,150		600	120	40			
		10	SR-2026 / HAMMOND RD	FROM HOKE ST TO RUSH ST	9	1.495	40	168	8		160	8,132	24,568			500		72	8		6		22	5						24,568	8,132			500		72	8		6	5	22			32,700		500	72	41			
		11	SR-3041 / DUBLIN WOODS DR	FROM SR 1650 TO CDS	6	0.483	28	55				104				90		16																																	
		12	SR-2250 / HILL ST	FROM SR 2271 TO END MAINT	1	0.15	20	17	8																																										
TOTAL FOR PROJ NO. 2026CPT.05.02.20921.1						10.841		1,220	262	1.000	640	107,642	141,138	714	1,292	2,710	30	2,681	40	36	148	22	80	32	3	7	1,310	656	62	115,463	78,042	340	1,292	2,620	30	2,885	40	36	134	30	79	21	3	195,471	1,694	2,650	2,585	343			
2026CPT.05.02.20922.1	Wake	13	SR-2271 / DOGWOOD DR	FROM SR 2249 TO END PAVEMENT	7	0.293	18	33		*																																									
		14	SR-2249 / SUNLIT LN	FROM SR 2204 TO SR 2271	7	0.069	20	8																																											
TOTAL FOR PROJ NO. 2026CPT.05.02.20922.1						0.362		41		1.000																																									
GRAND TOTAL						11.203		1,261	262	1.000	640	107,642	141,138	714	1,292	2,710	30	2,681	40	36	148	22	80	32	3	7	1,310	656	62	115,463	78,042	340	1,292	2,620	30	2,885	40	36	134	30	79	21	3	195,471	1,694	2,650	2,585	343			
												248,780		2,006		2,740				76		285					1,966			193,505		1,632		2,650			76		267												

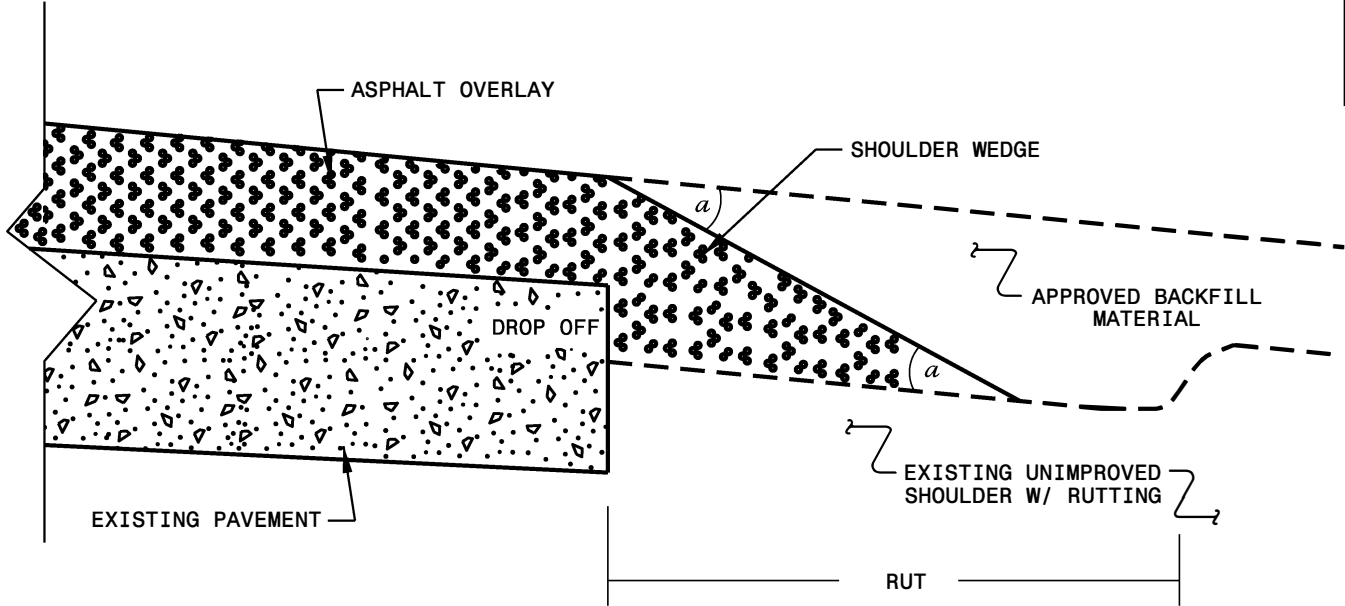
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFS AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
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		

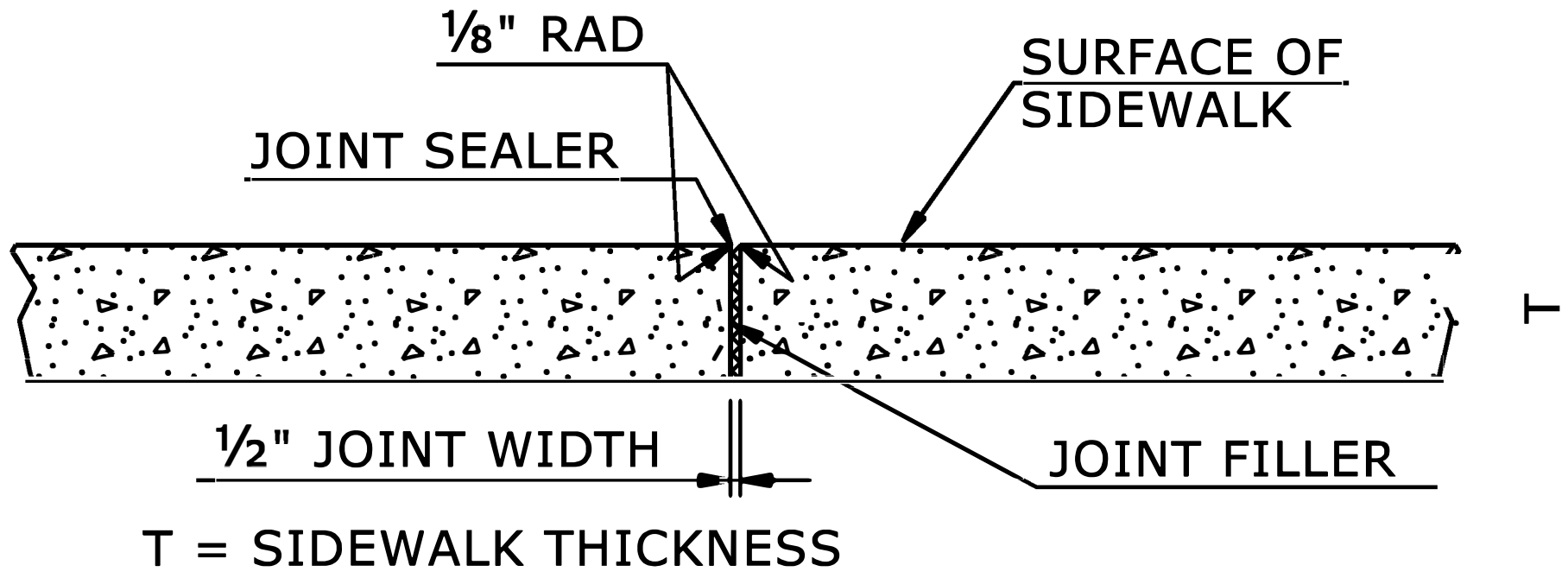
22-MAN-2018-0941
S:\Contracts\2018\Resurfacing Projects\Division 4\I-5937 Wilson March 2018\Revised Shoulder Wedge Detail.dgn
P:\Users\TSpell\Documents\2018\Resurfacing Projects\Division 4\I-5937 Wilson March 2018\Revised Shoulder Wedge Detail.dgn

NOTES:

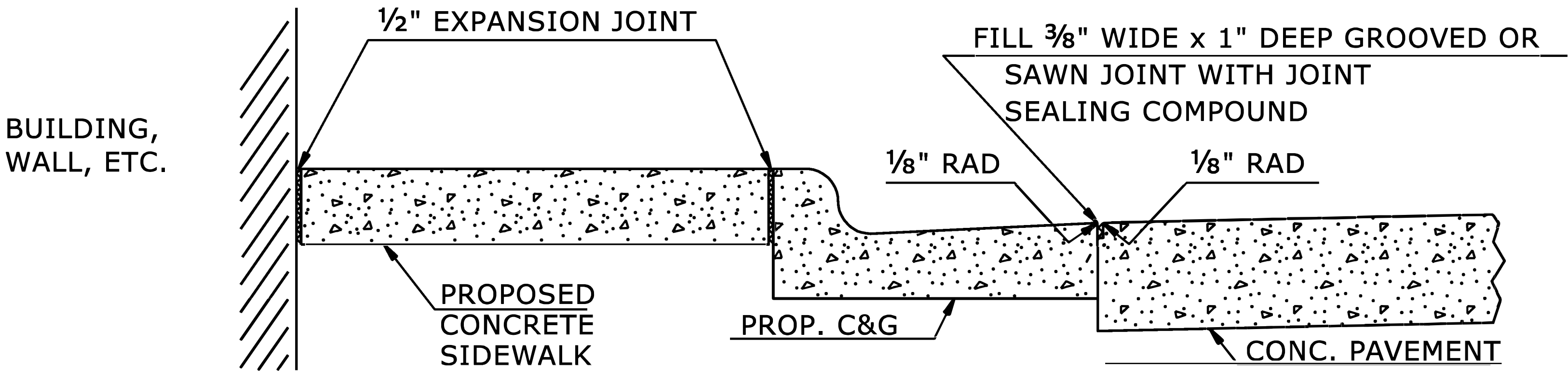
CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS.

PLACE A GROOVE JOINT 1" DEEP WITH 1/8" RADII IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 50' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.

SEE STD. DWG. 848.06 FOR CURB RAMP LOCATION REQUIREMENTS AND CONSTRUCTION GUIDELINES.



TRANSVERSE EXPANSION JOINT
IN SIDEWALK



DETAILS SHOWING JOINTS IN CONCRETE SIDEWALK

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

ROADWAY DETAIL DRAWING FOR
CONCRETE SIDEWALK



SHEET 1 OF 1
848D01

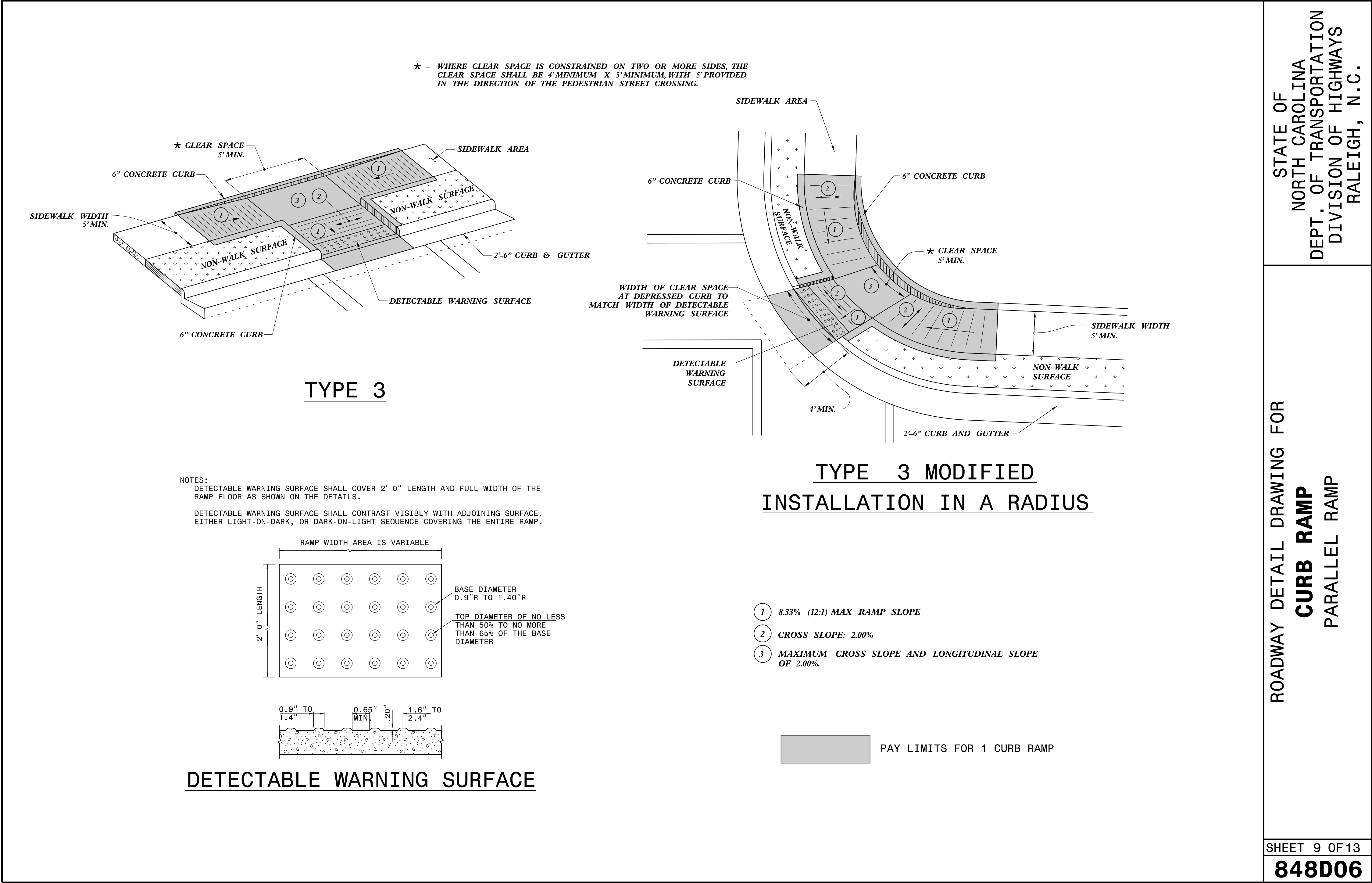
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**

Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

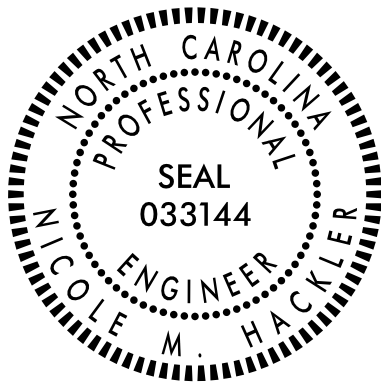
ORIGINAL BY: S.CALHOUN DATE: 7-25-2024
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: DATE:

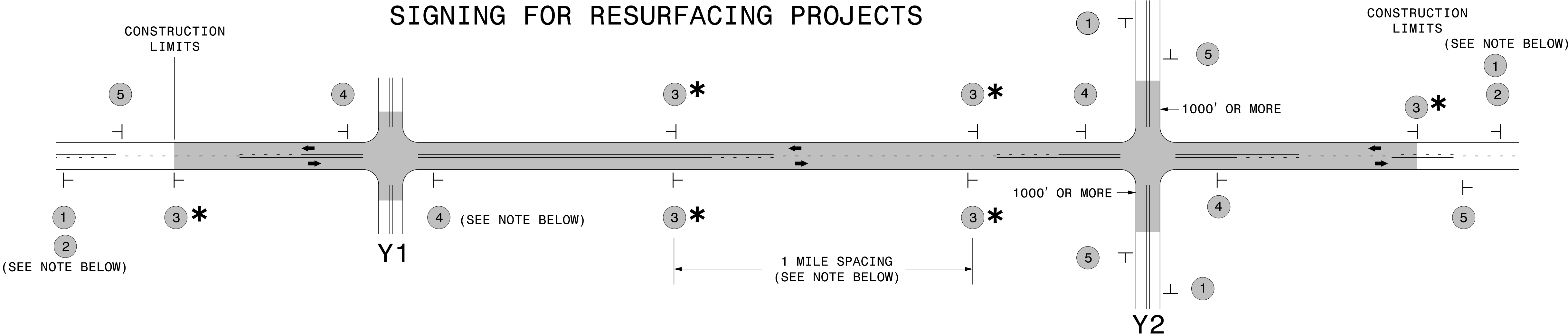


STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
CURB RAMP
PARALLEL RAMP

SHEET 9 OF 13
848D06





LEGEND

—|—

STATIONARY SIGN

→

DIRECTION OF TRAFFIC FLOW

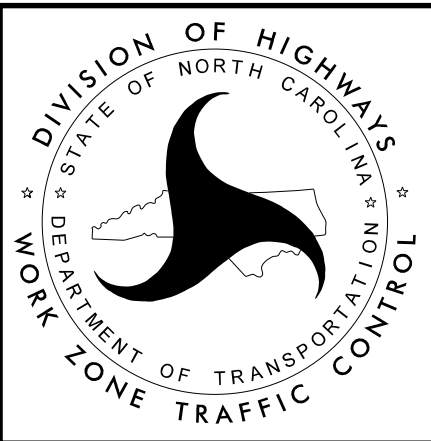
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 ROAD WORK AHEAD W20-1 48" X 48" 2 NEXT XX MILES W7-36P 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS 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. ROAD WORK AHEAD W20-1 48" X 48" ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.
	3 * LOW/SOFT SHOULDER 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 ROAD UNDER CONST 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 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	

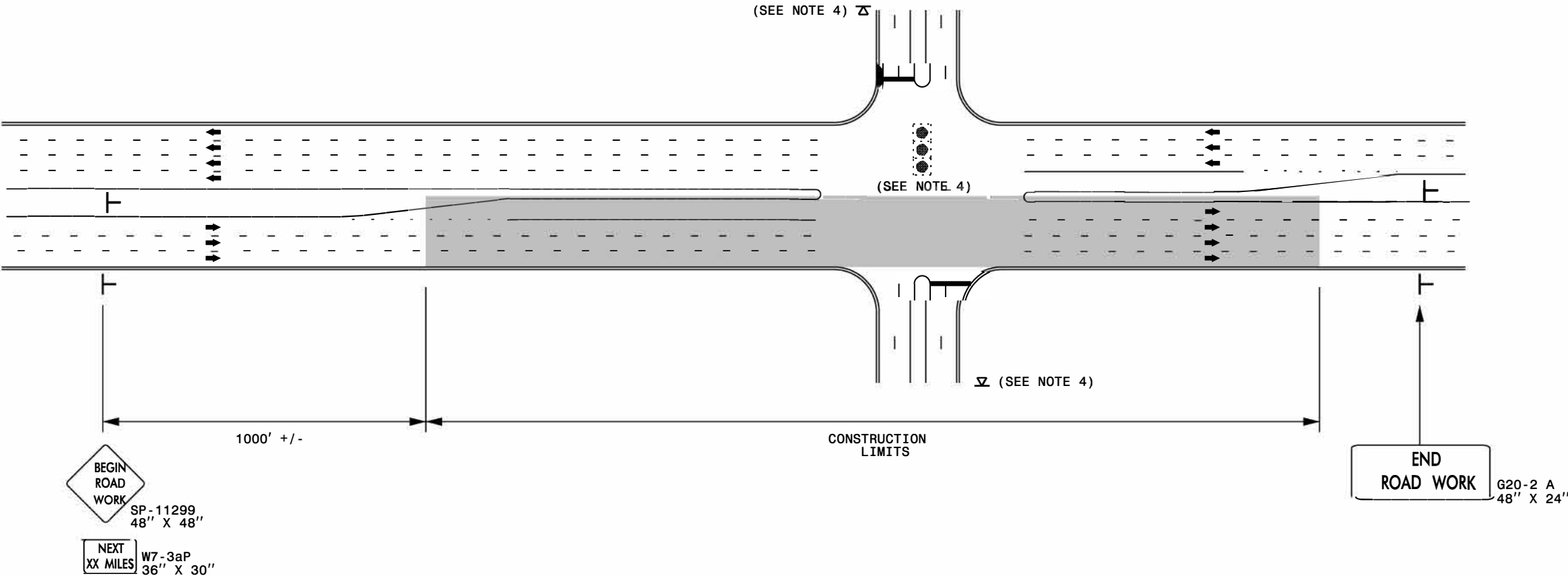
* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

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

URBAN / SUBURBAN WORKZONES



NOTES:

- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) 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.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

└

STATIONARY SIGN

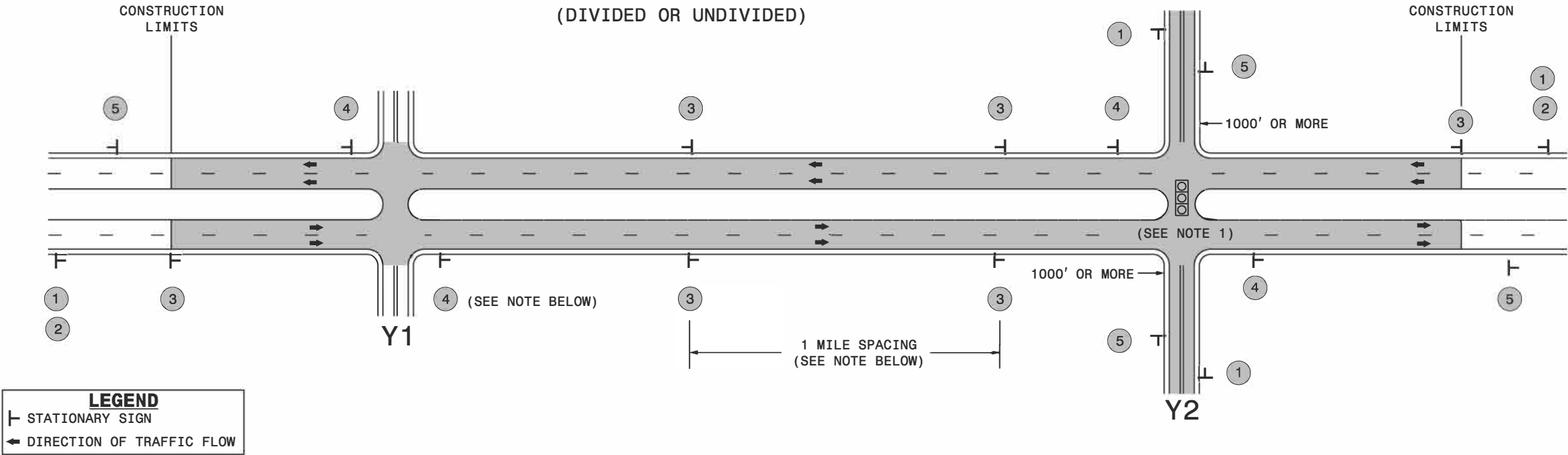
➡

DIRECTION OF TRAFFIC FLOW



RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES

SIGNING FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS WITH SHOULDER SECTIONS (DIVIDED OR UNDIVIDED)



MAINLINE (-L-) SIGNING

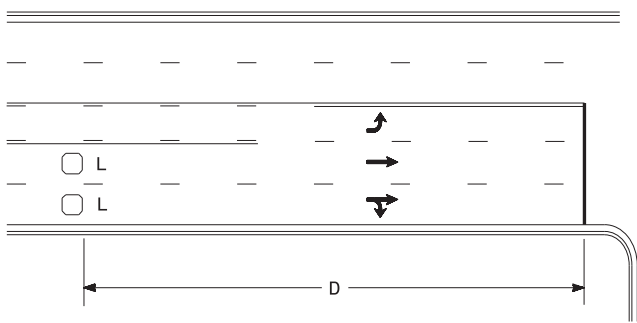
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #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)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS 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. PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER. 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.
	3 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 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 PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	



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

High Speed Detection
(≥40 mph)

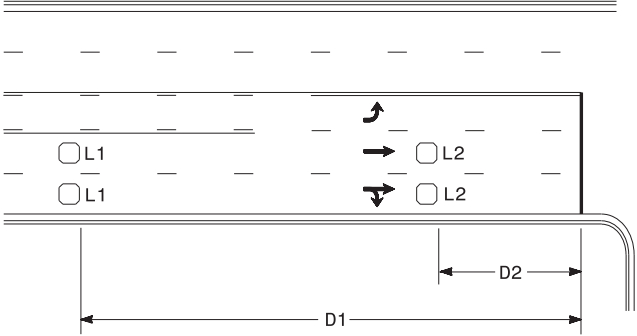


Speed Limit mph	D ft
40	250
45	300
50	355
55	420

L = 6ft X 6ft
Wired separately

Volume Density Operation

OR



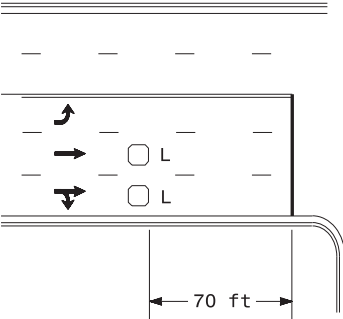
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110

L1 = 6ft X 6ft
Wired in series

L2 = 6ft X 6ft
Wired in series

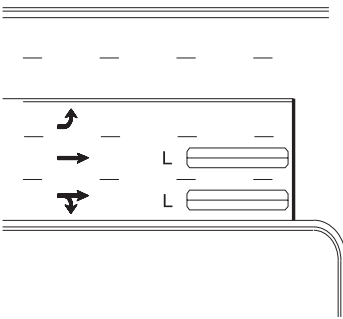
"Stretch" Operation

Low Speed Detection
(≤35 mph)



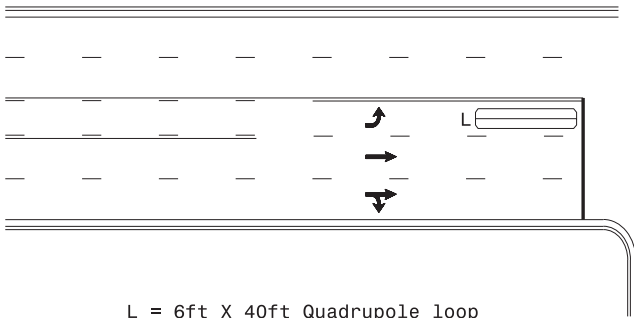
L = 6ft X 6ft
Wired in series

OR



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

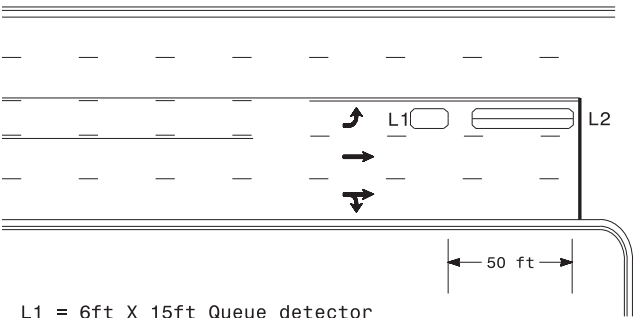
Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

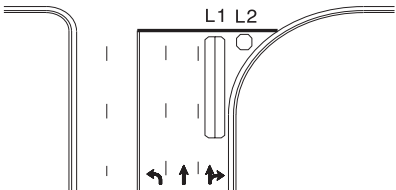
OR



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

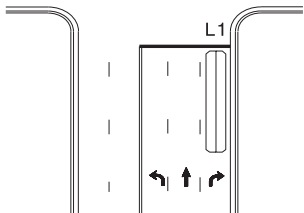
Queue Loop Detection

Right Turn Lane Detection

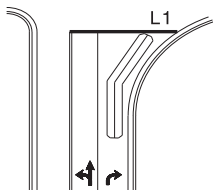


Shared Lane/
Wide Radius Turn

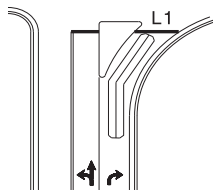
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

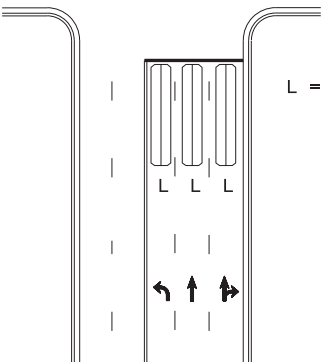


Wide Radius Turn



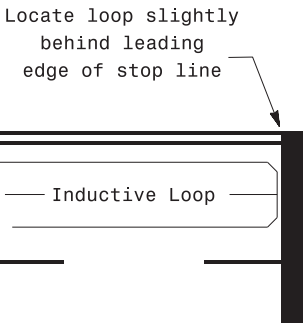
Channelized Turn

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

Prepared in the Offices of:
TRANSPORTATION MOBILITY AND SAFETY DIVISION
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
Signal Design Section
750 N. Greenfield Pkwy, Garner, NC 27529

Typical Signal Loop Locations

PLAN DATE: September 2020
REVIEWED BY: JPG
PREPARED BY: PLA
REVIEWED BY:
SCALE: N/A
REVISIONS:
INIT.:
DATE:

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
JASON P. GALLOWAY
029904
9/8/2020
DATE
SIG. INVENTORY NO.