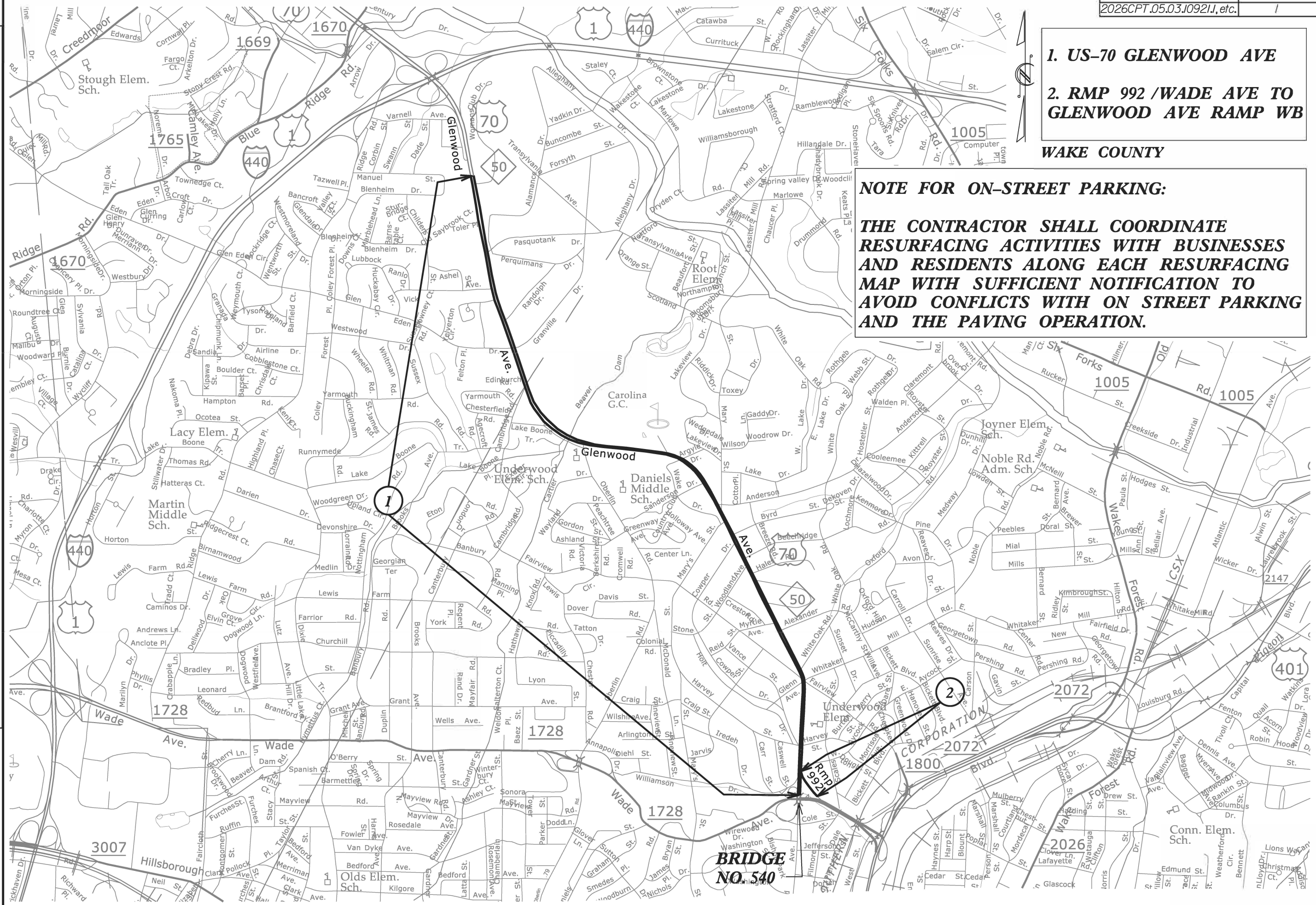


1. US-70 GLENWOOD AVE
2. RMP 992 /WADE AVE TO GLENWOOD AVE RAMP WB

WAKE COUNTY

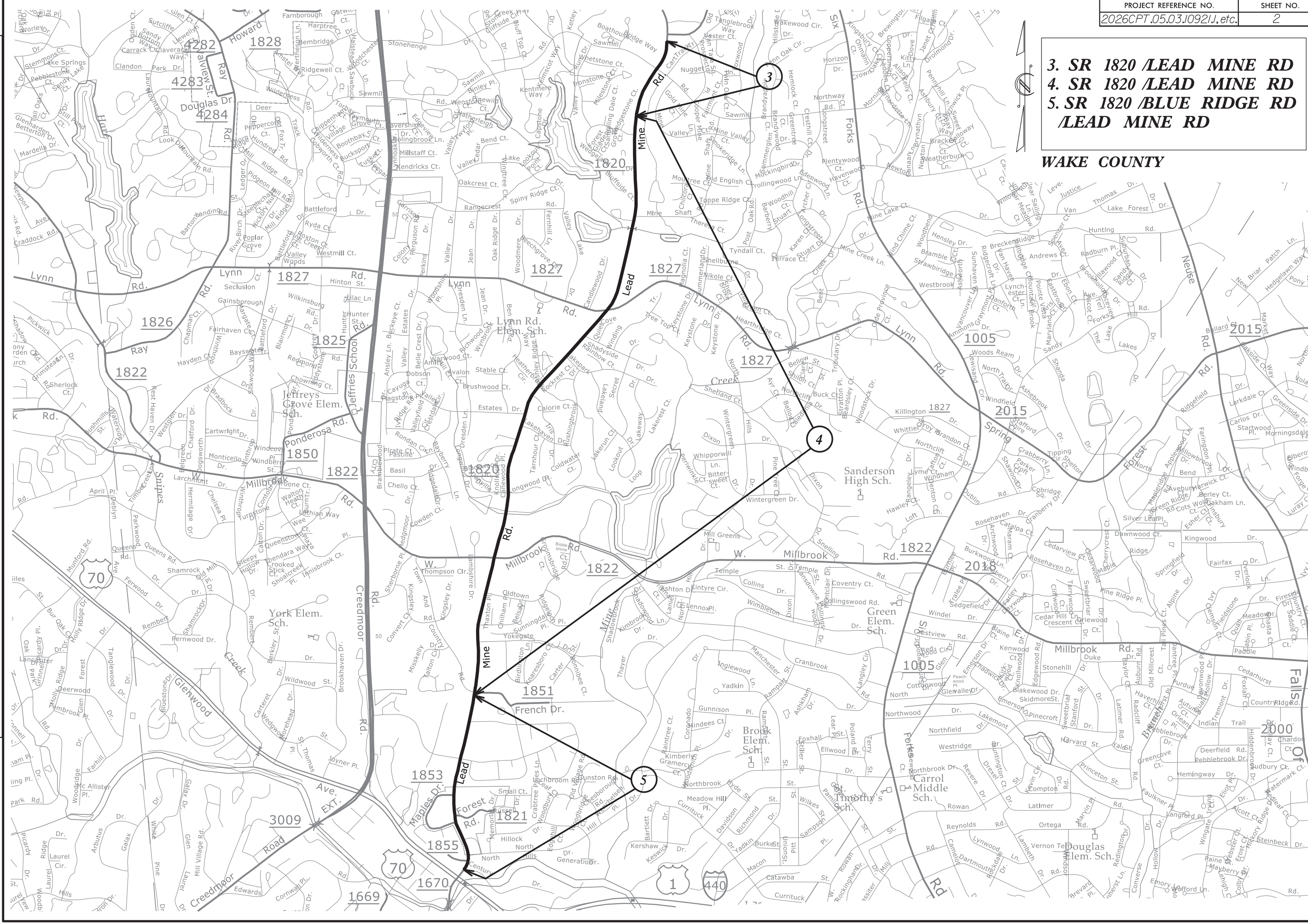
NOTE FOR ON-STREET PARKING:

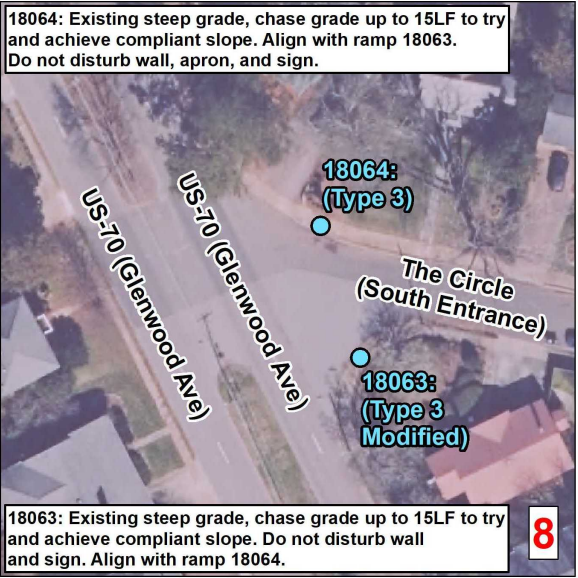
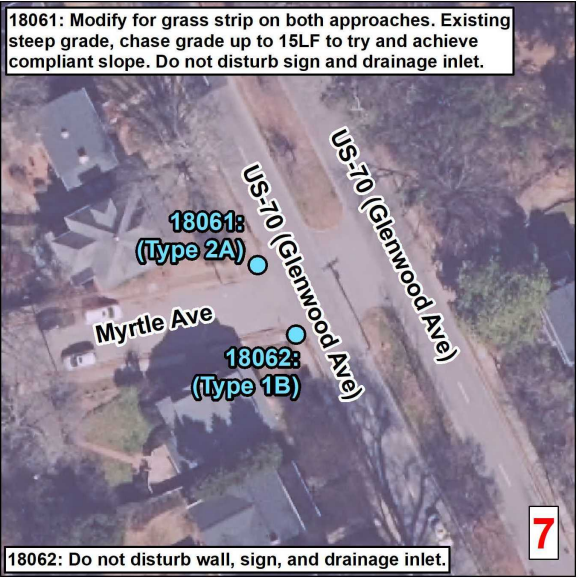
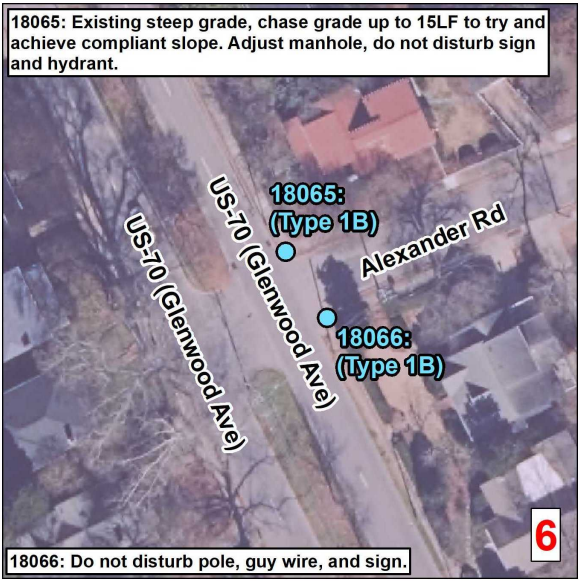
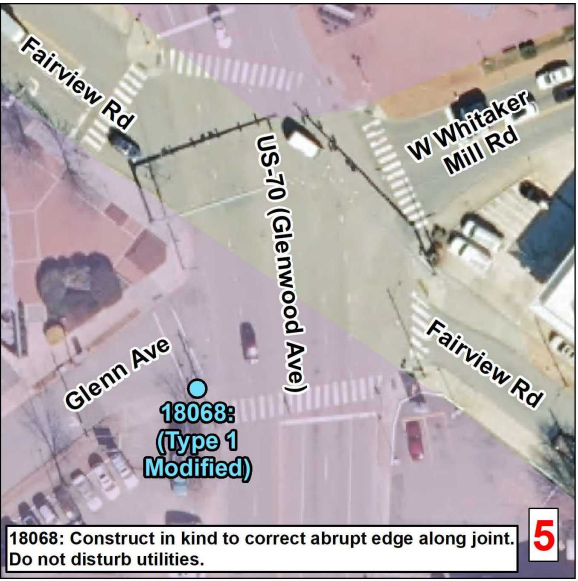
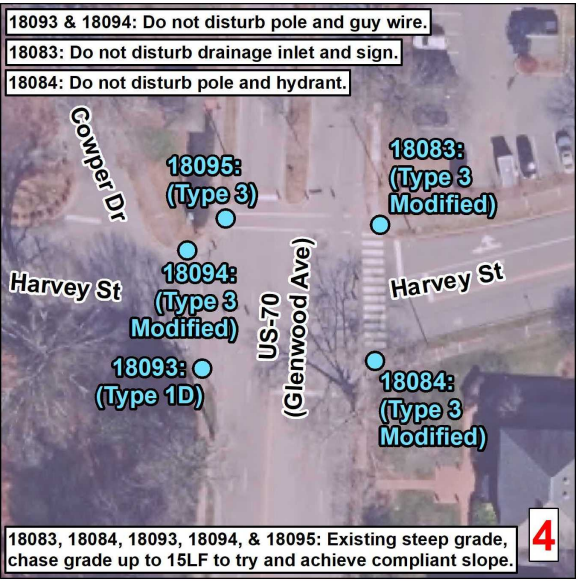
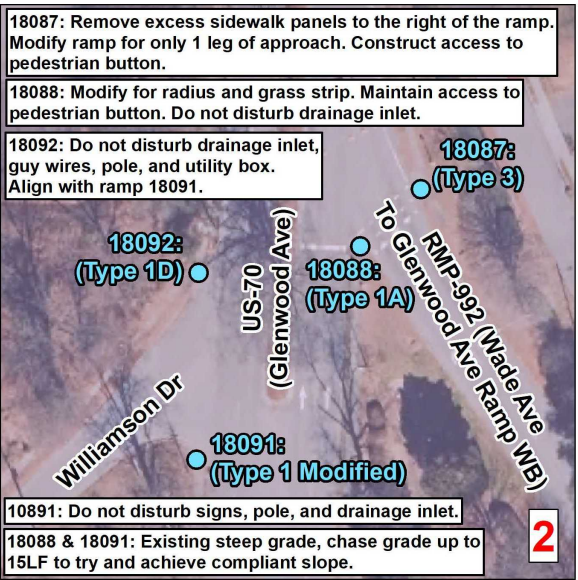
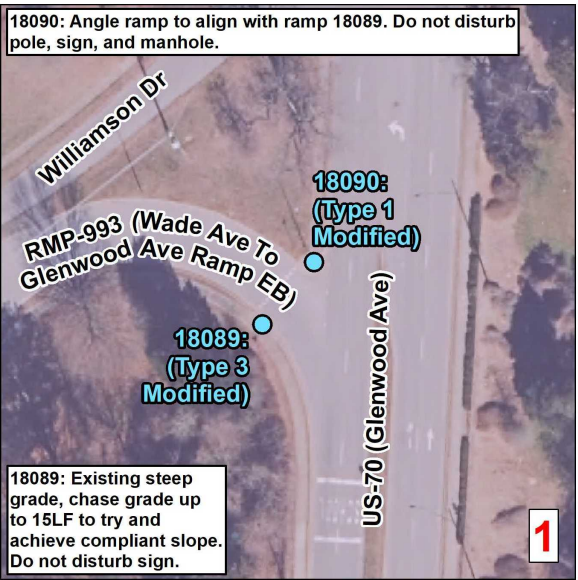
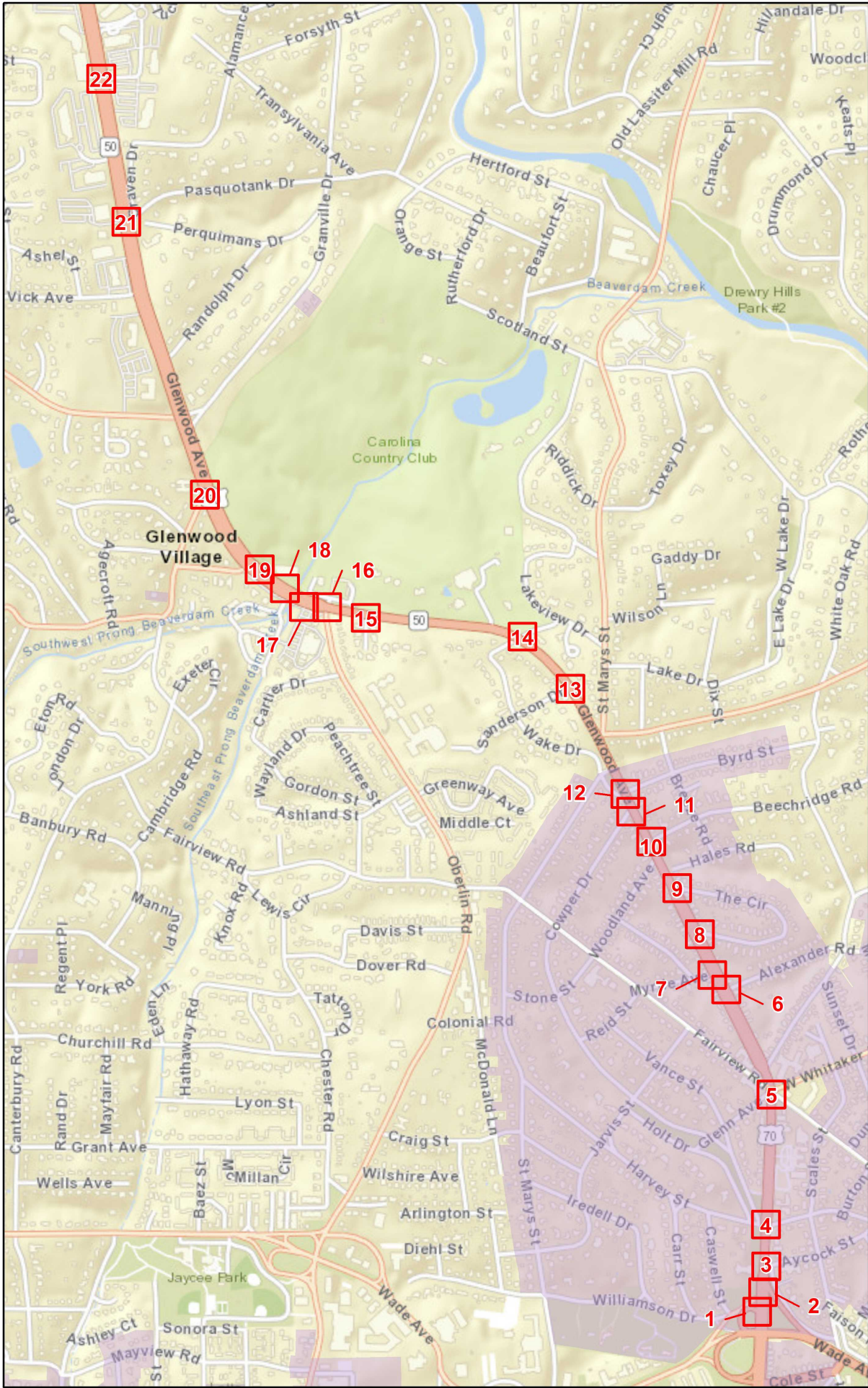
THE CONTRACTOR SHALL COORDINATE RESURFACING ACTIVITIES WITH BUSINESSES AND RESIDENTS ALONG EACH RESURFACING MAP WITH SUFFICIENT NOTIFICATION TO AVOID CONFLICTS WITH ON STREET PARKING AND THE PAVING OPERATION.



3. SR 1820 /LEAD MINE RD
4. SR 1820 /LEAD MINE RD
5. SR 1820 /BLUE RIDGE RD
- /LEAD MINE RD

WAKE COUNTY





Curb Ramps To Be Repaired

Retrofit

Remove and Replace

New Curb Ramp

Remove Ramp

Other

Municipal Boundary

NCHPO Historic Boundary (NR and LHD)

N

Glenwood

WBS Number: 2026CPT.05.03.10921.1

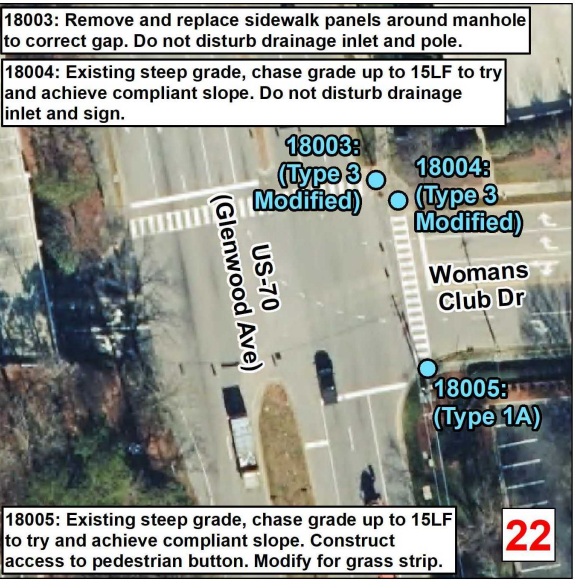
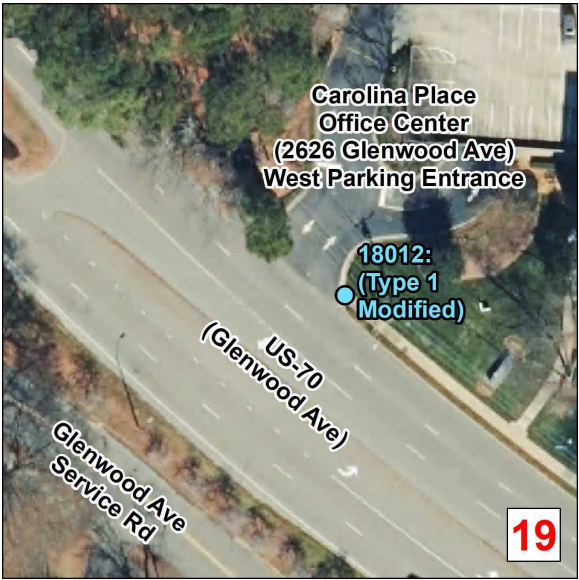
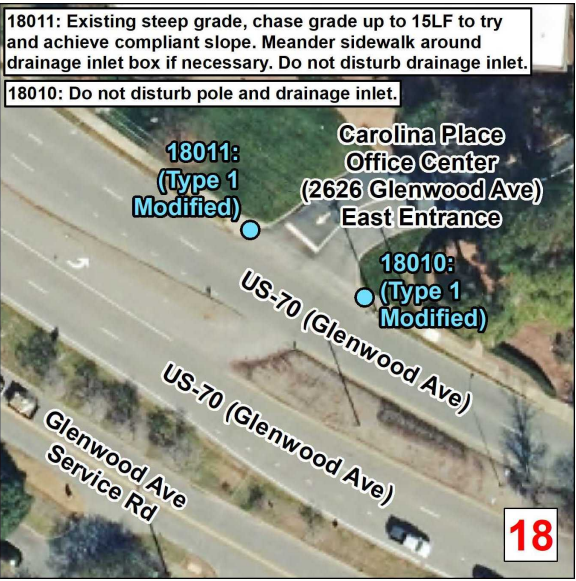
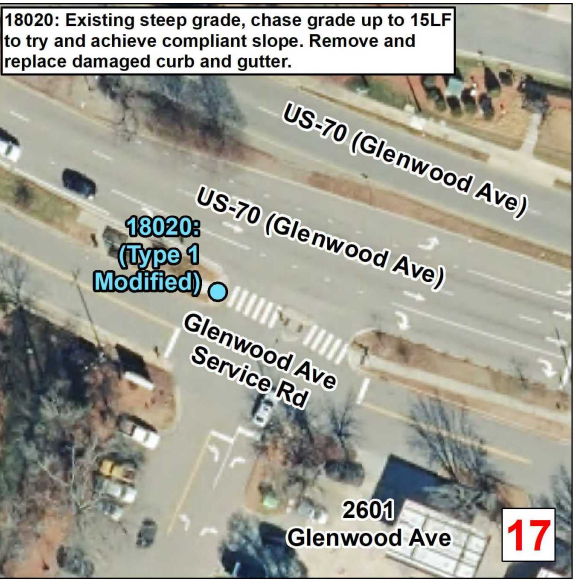
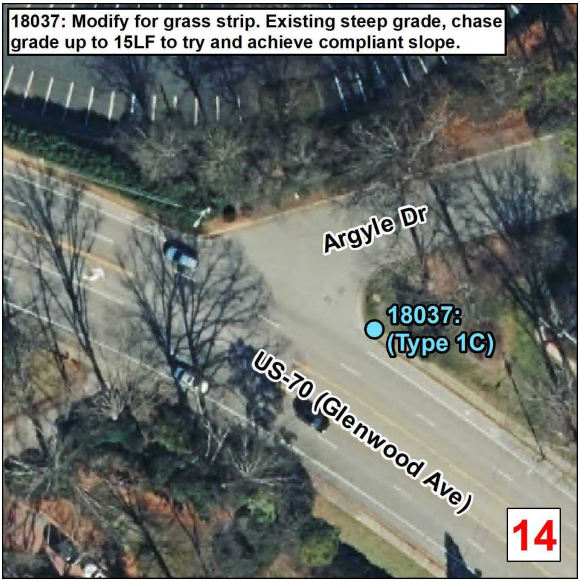
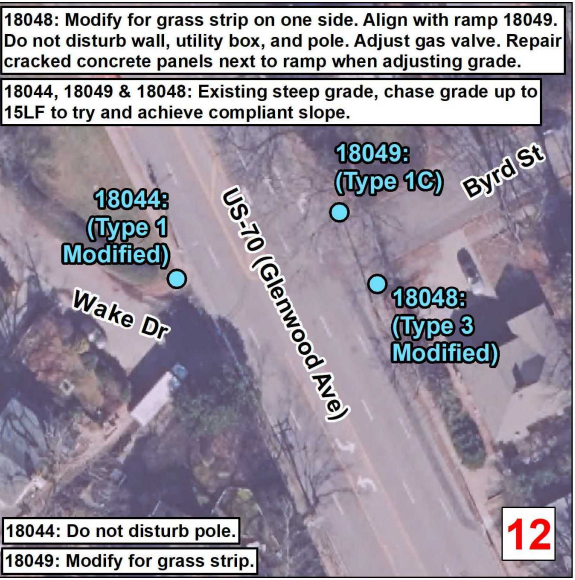
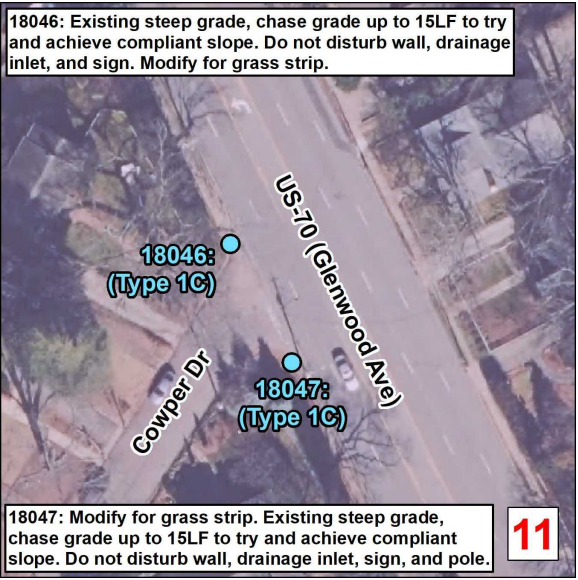
US 70 EB / WB

From Womans Club Dr To SR 1728

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION 5

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



Curb Ramps To Be Repaired

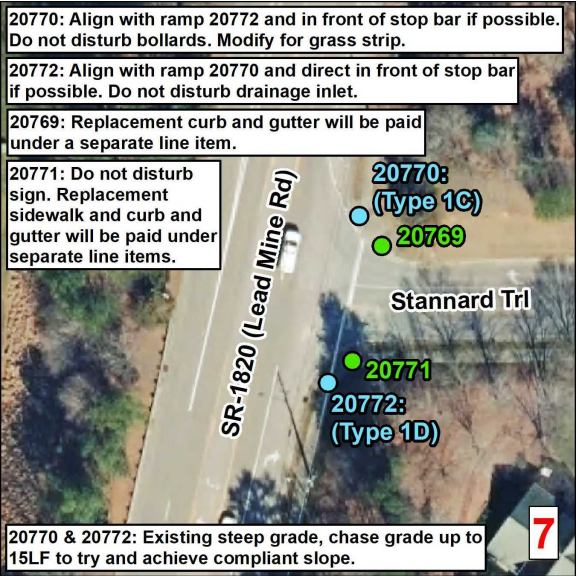
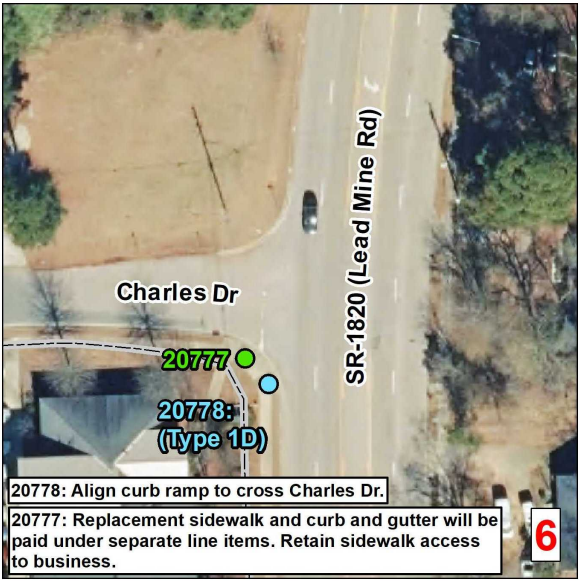
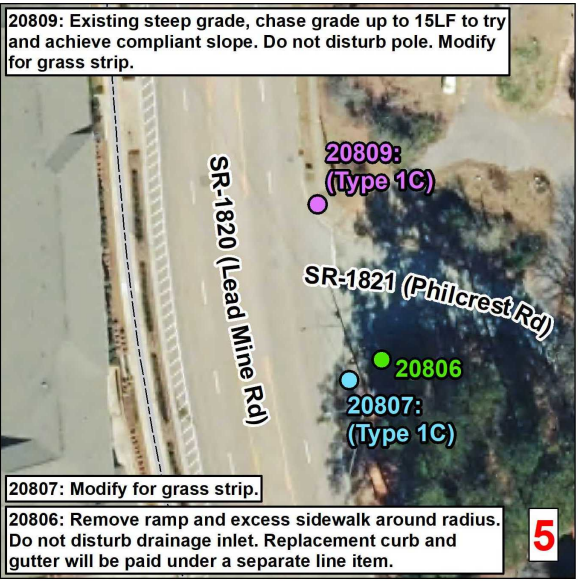
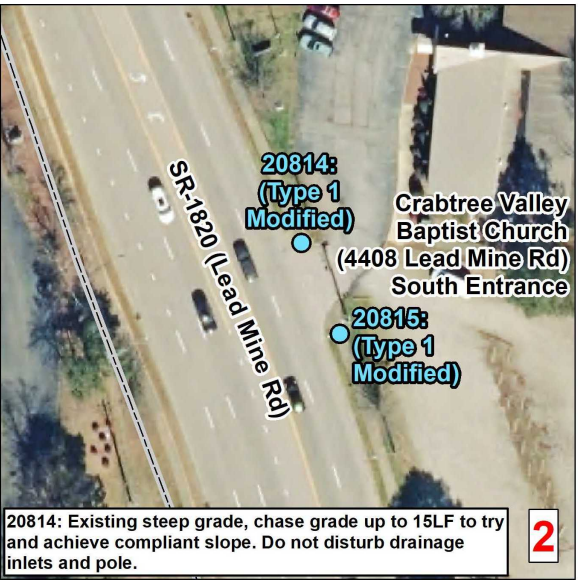
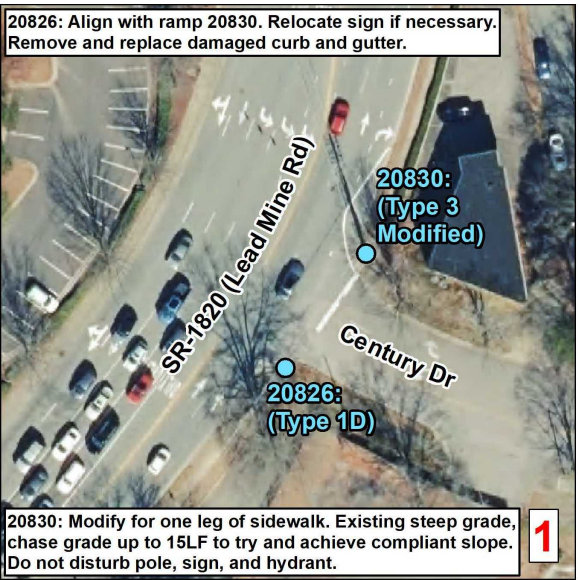
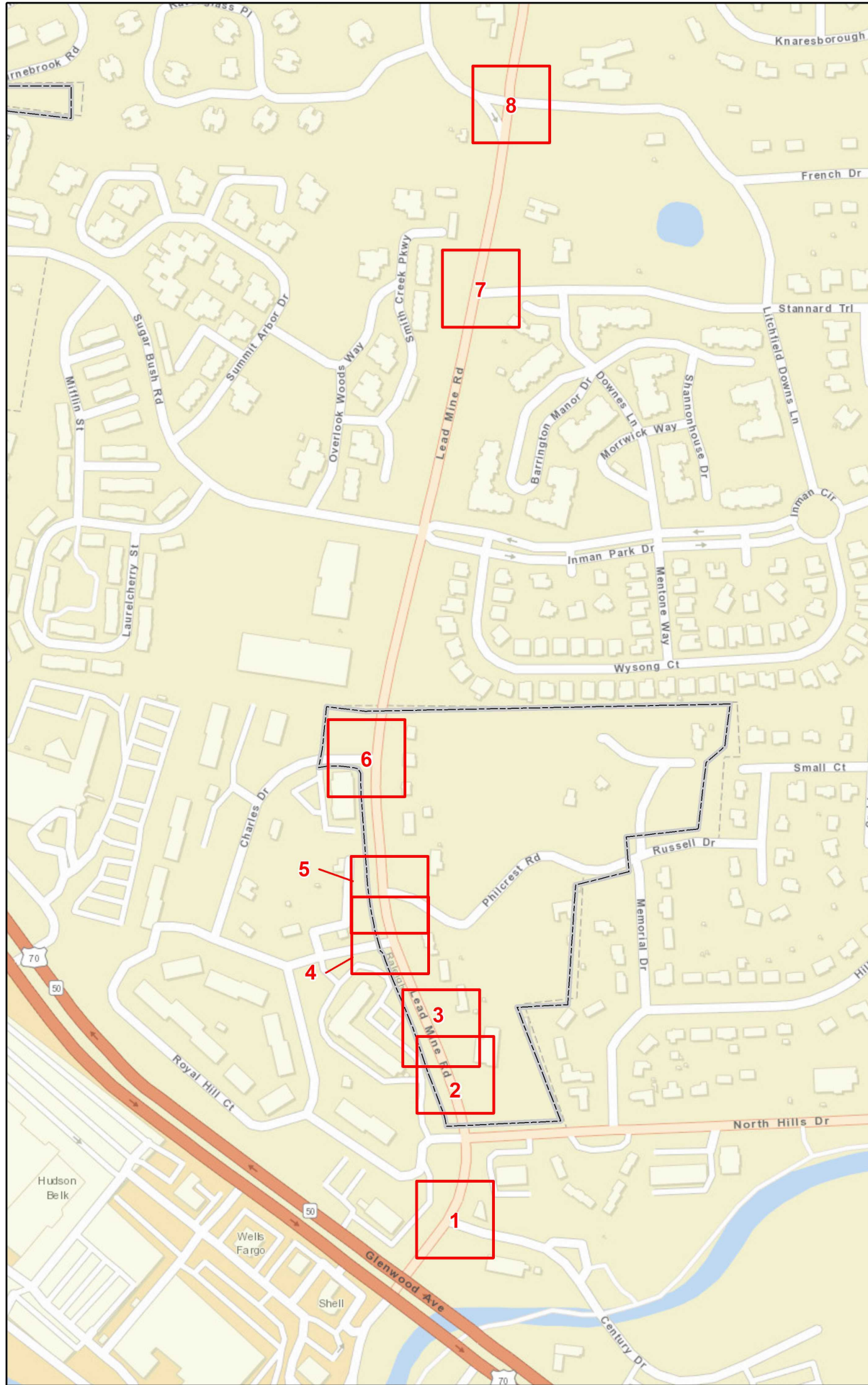
- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

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

Glenwood
WBS Number: 2026CPT.05.03.10921.1
US 70 EB / WB
From Womans Club Dr To SR 1728

 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

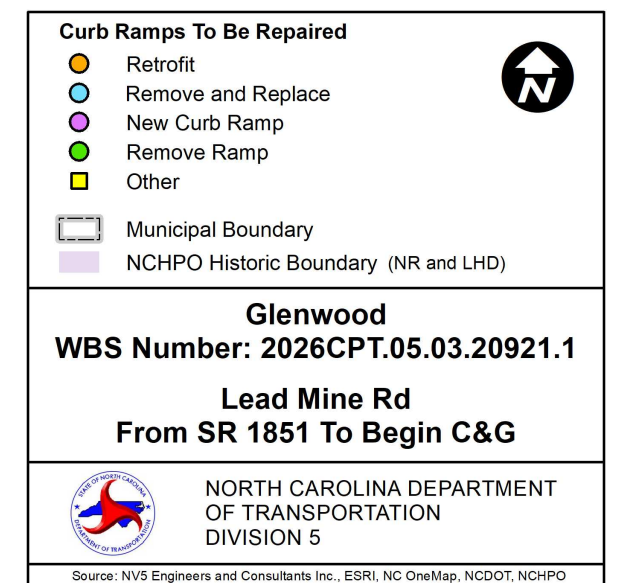
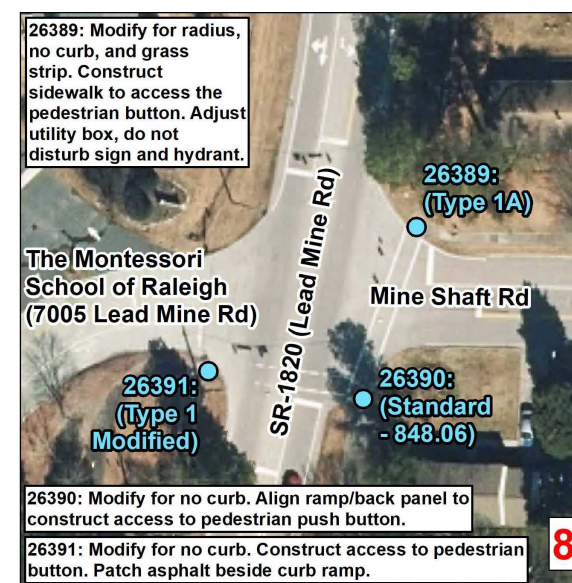
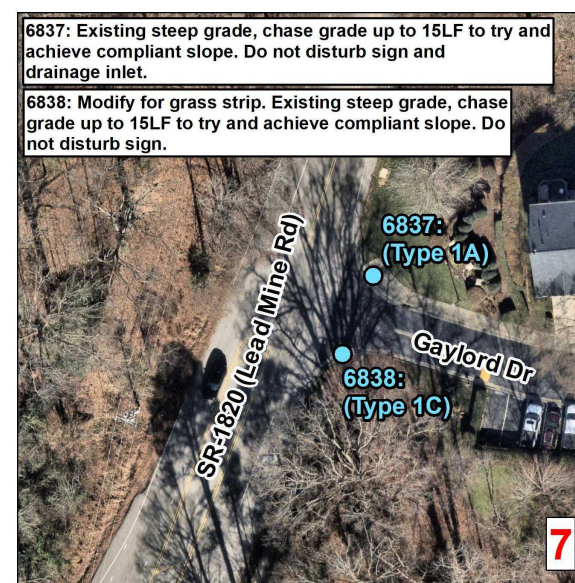
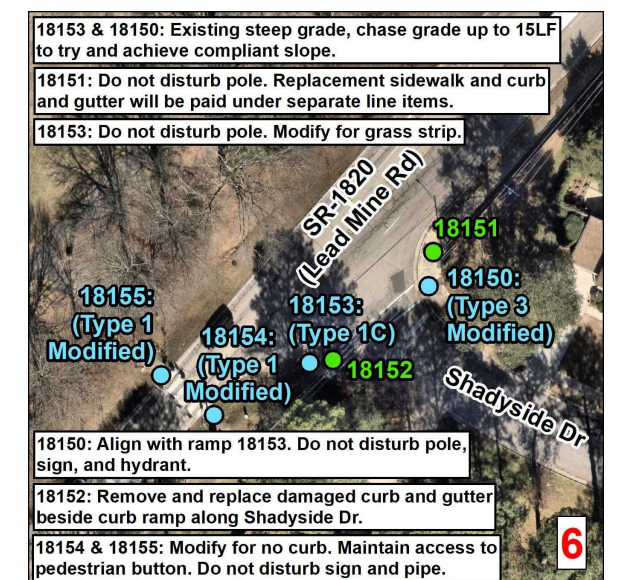
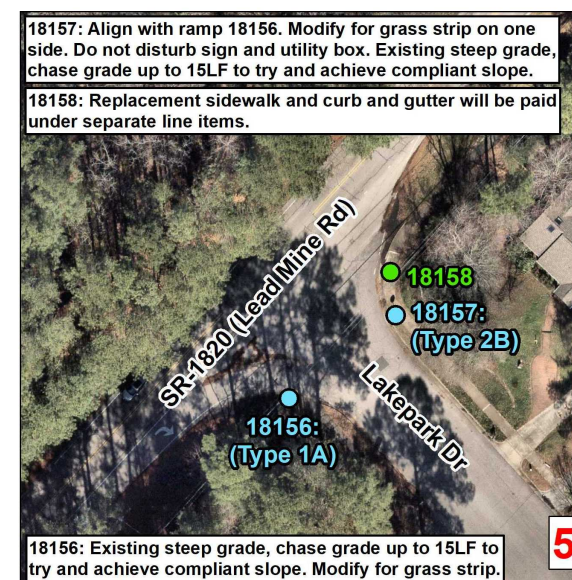
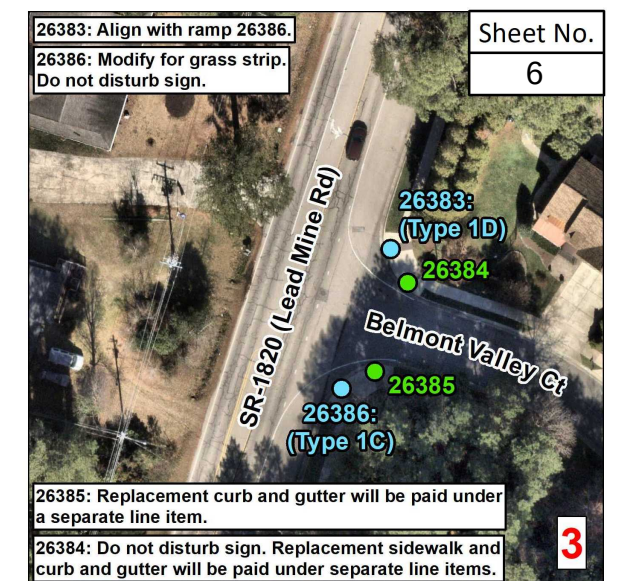
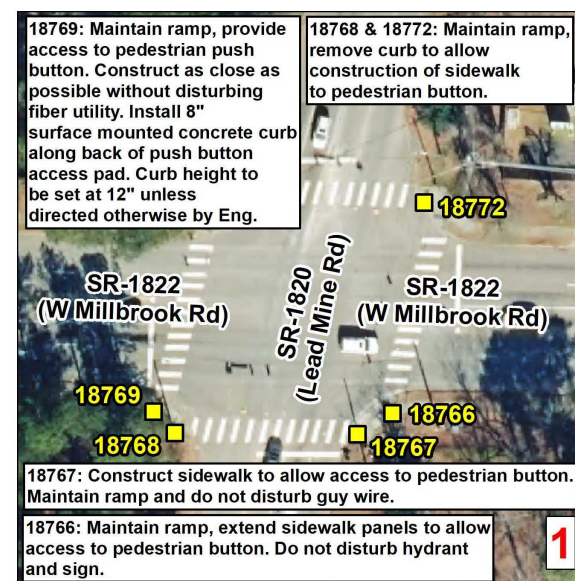
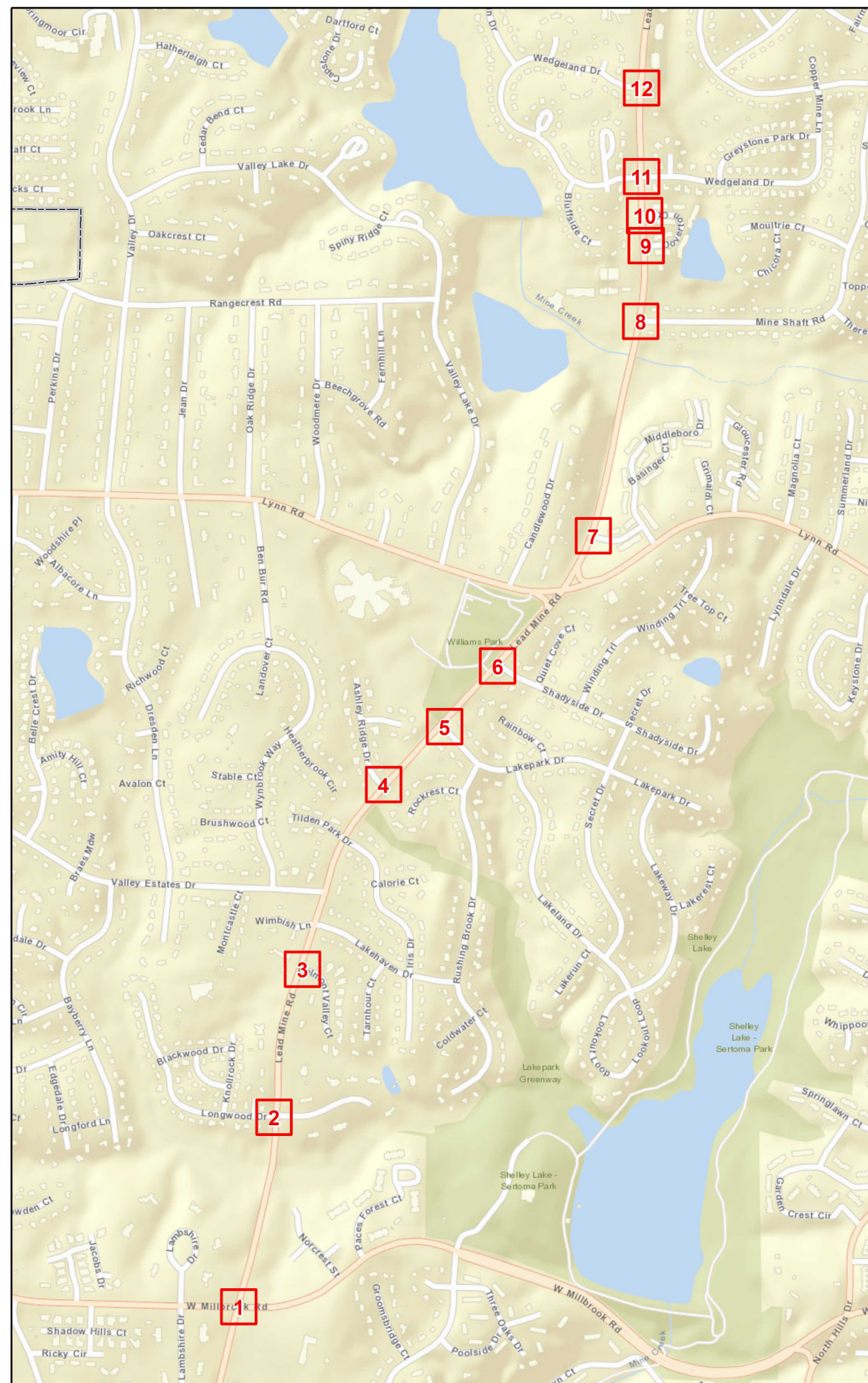
□ Municipal Boundary

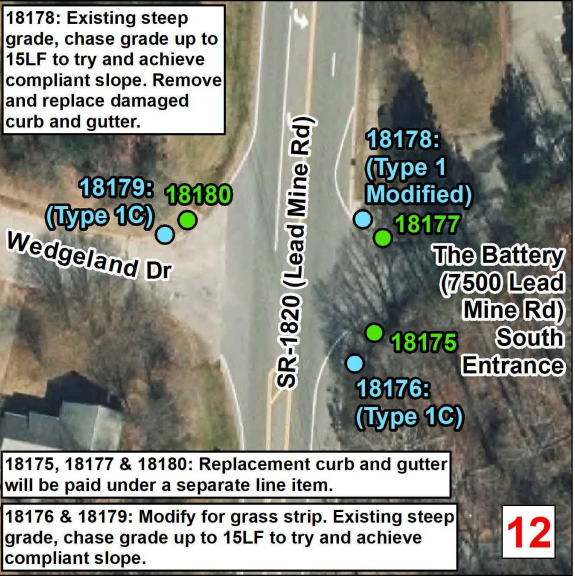
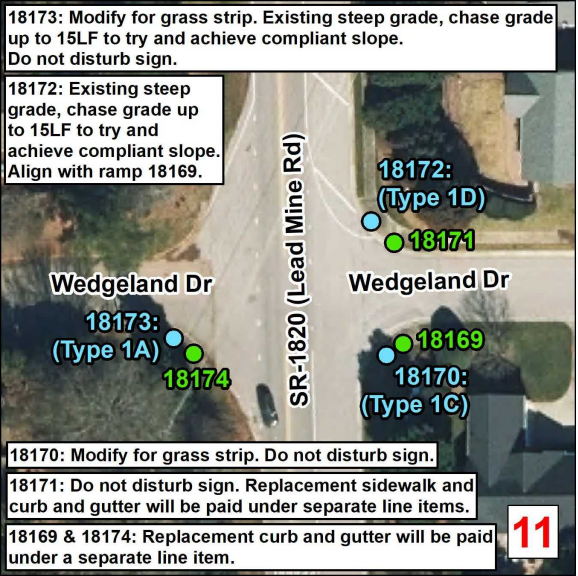
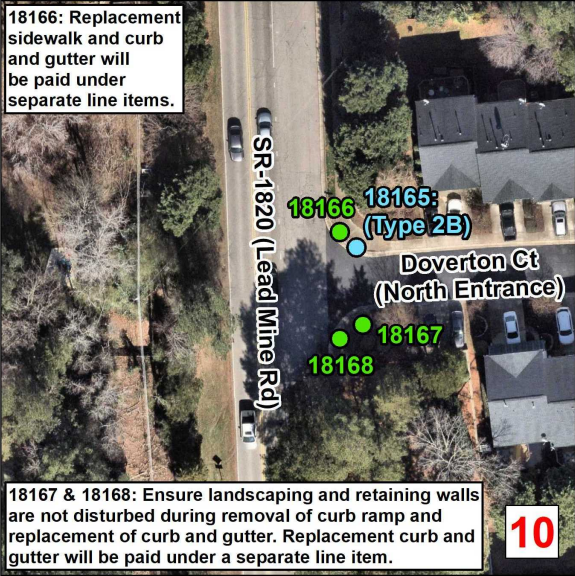
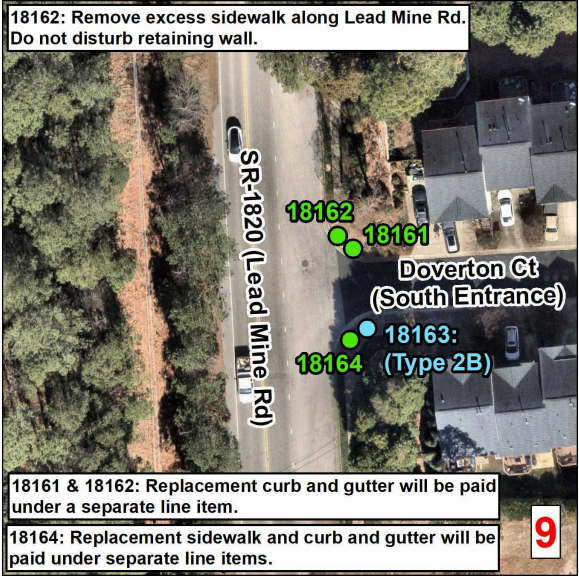
□ NCHPO Historic Boundary (NR and LHD)

Glenwood
WBS Number: 2026CPT.05.03.20921.1
Lead Mine Rd
From US 70 To SR 1851

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)

Glenwood

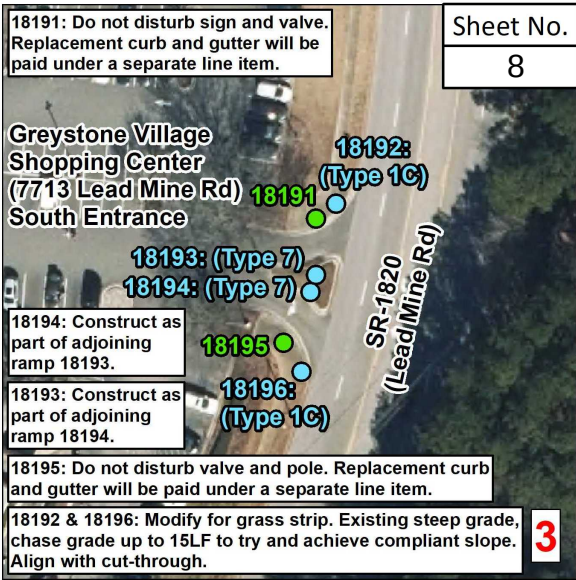
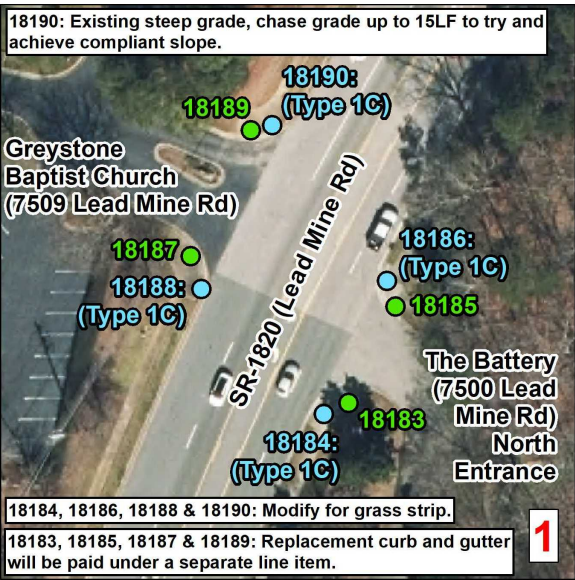
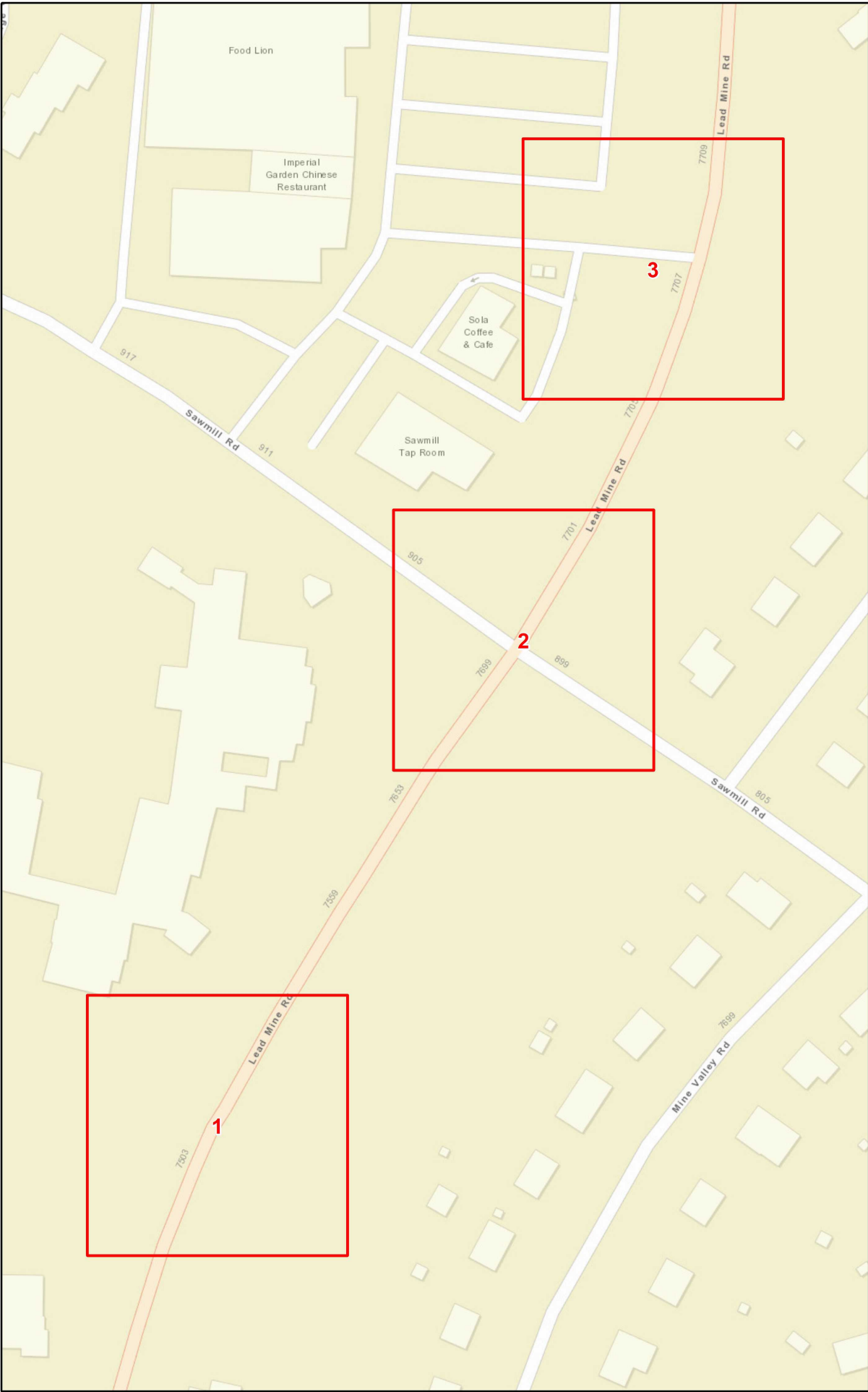
WBS Number: 2026CPT.05.03.20921.1

Lead Mine Rd

From SR 1851 To Begin C&G

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)

Glenwood

WBS Number: 2026CPT.05.03.20921.1

Lead Mine Rd

From Begin C&G To SR 5147

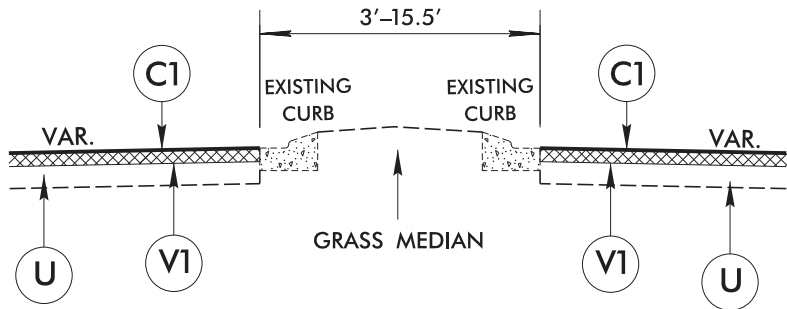
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 5

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

8/17/99

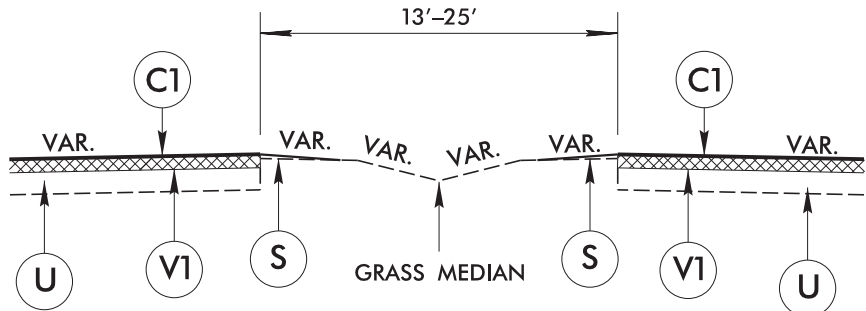
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
S	SHOULDER RECONSTRUCTION, ASB REQUIRED
U	EXISTING PAVEMENT

PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.03.J0921J, etc.	9



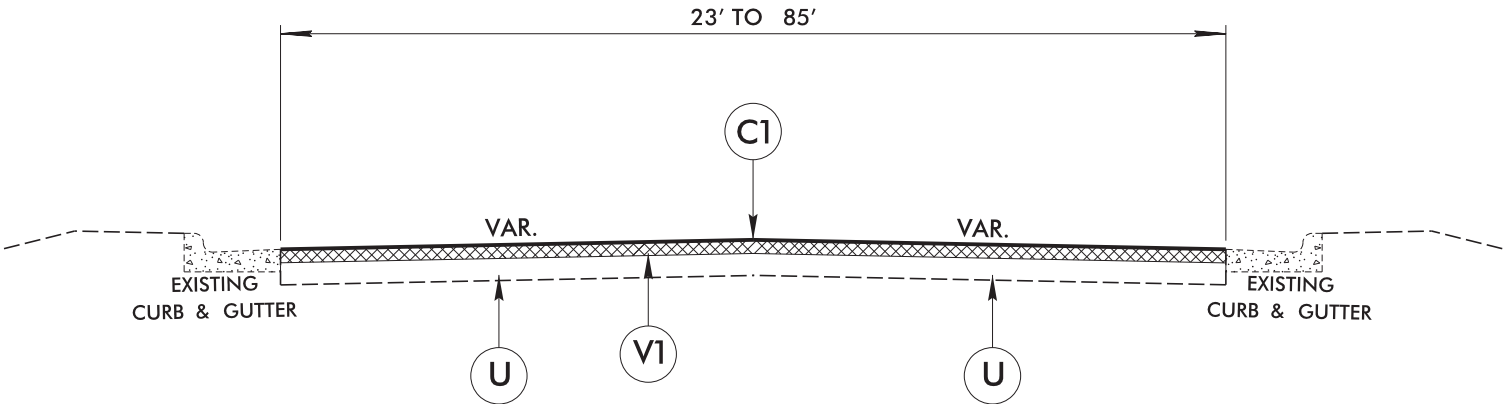
USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1

MAP 1 – US 70
MEDIAN SECTION – 4,185' +/-

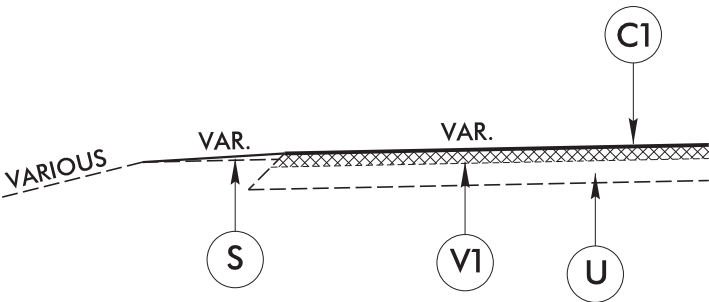


USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1

MAP 1 – US 70
MEDIAN SECTION – 4,490' +/-

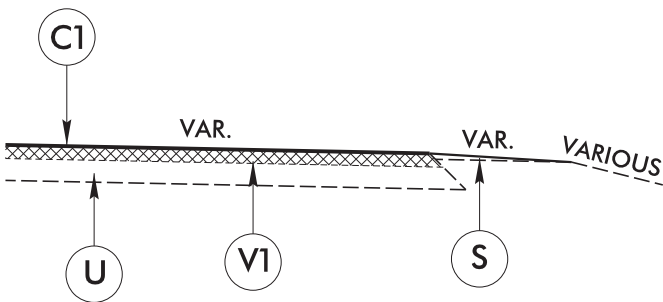


TYPICAL SECTION NO. 1



USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1

MAP 1 – US 70
SHOULDER SECTION – 3,080' +/-



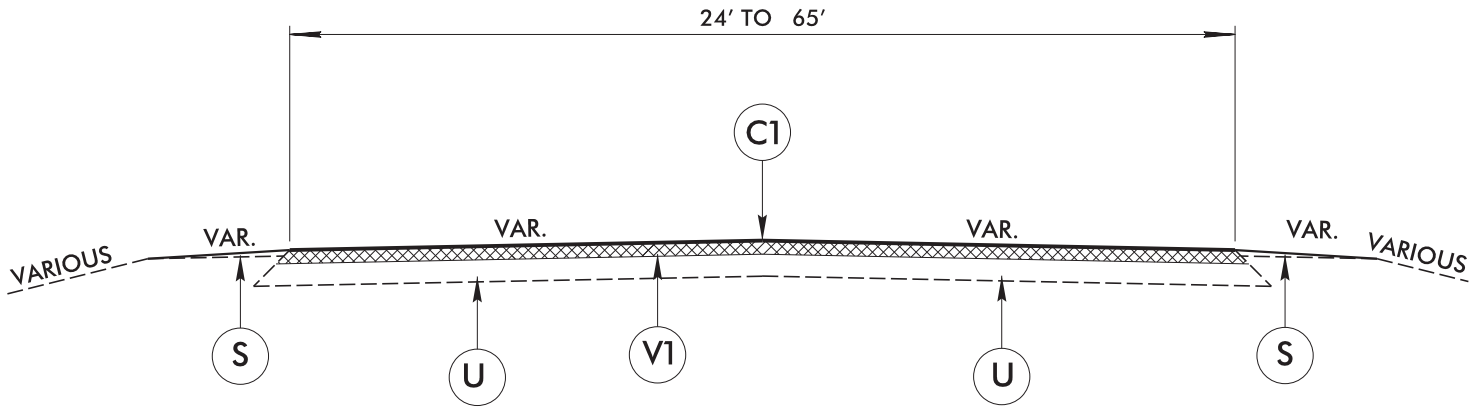
USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1

MAP 1 – US 70
SHOULDER SECTION – 4,300' +/-

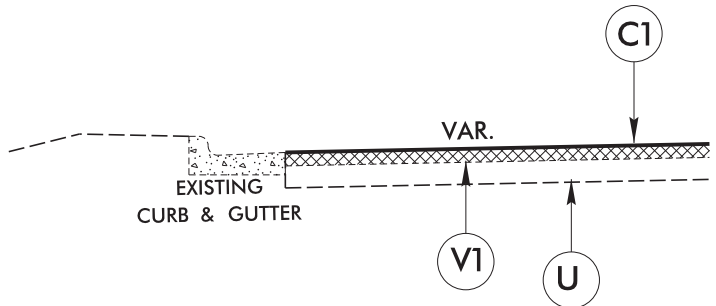
8/17/99

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
S	SHOULDER RECONSTRUCTION, ASB REQUIRED
U	EXISTING PAVEMENT

PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.03.J0921J, etc.	10

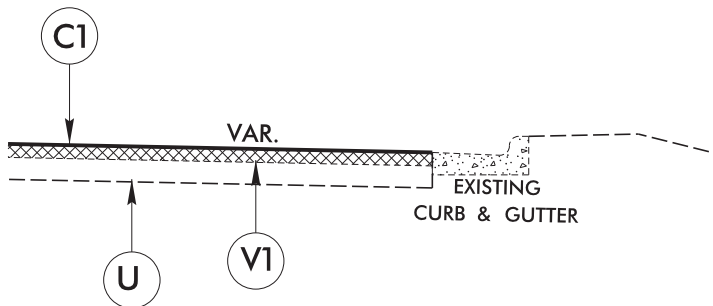


TYPICAL SECTION NO. 2



USE IN CONJUNCTION WITH TYPICAL SECTION NO. 2

MAP 4 – LEAD MINE RD
CURB AND GUTTER SECTION – 1,200' +/-



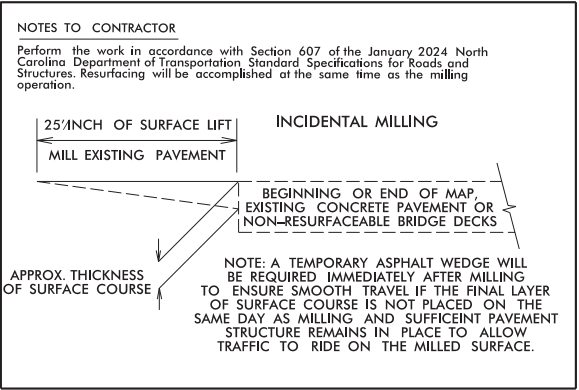
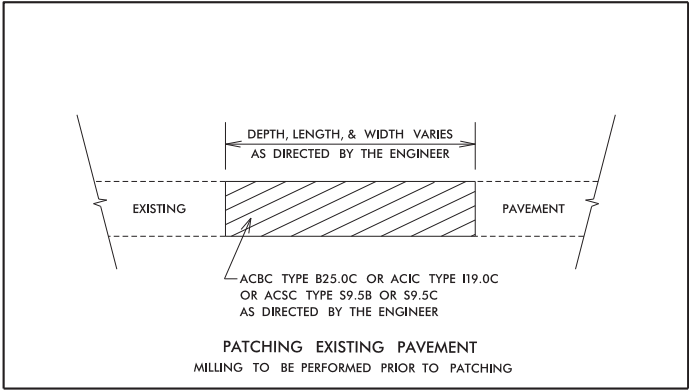
USE IN CONJUNCTION WITH TYPICAL SECTION NO. 2

MAP 4 – LEAD MINE RD
CURB AND GUTTER SECTION – 3,500' +/-

PROJECT REFERENCE NO.	SHEET NO.
2026CPT.05.03.109211, etc.	11

NOTES

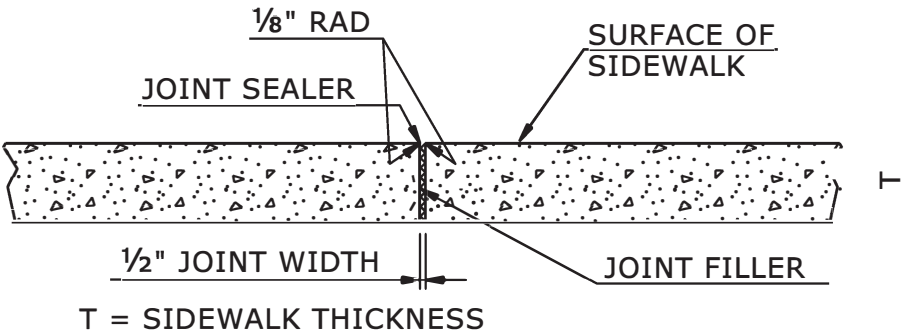
ALL UNPAVED S.R. ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.
BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.



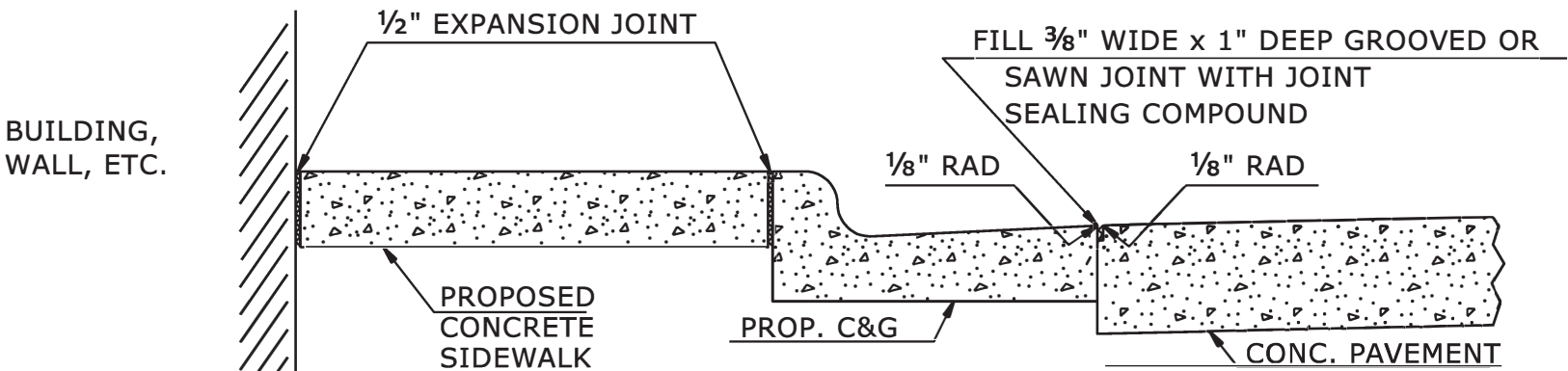
CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS.

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.: _____

★ - WHERE CLEAR SPACE IS CONSTRAINED ON TWO OR MORE SIDES, THE CLEAR SPACE SHALL BE 4' MINIMUM X 5' MINIMUM, WITH 5' PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.

★ CLEAR SPACE 5' MIN.

6" CONCRETE CURB

SIDEWALK WIDTH 5' MIN.

NON-WALK SURFACE

2'-6" CURB & GUTTER

DETECTABLE WARNING SURFACE

6" CONCRETE CURB

TYPE 3

NOTES:

DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.

DETECTABLE WARNING SURFACE

SIDEWALK AREA

6" CONCRETE CURB

★ CLEAR SPACE 5' MIN.

NON-WALK SURFACE

2'-6" CURB AND GUTTER

DETECTABLE WARNING SURFACE

4' MIN.

SIDEWALK WIDTH 5' MIN.

NON-WALK SURFACE

2'-6" CURB AND GUTTER

TYPE 3 MODIFIED

INSTALLATION IN A RADIUS

1 8.33% (12:1) MAX RAMP SLOPE

2 CROSS SLOPE: 2.00%

3 MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.

PAY LIMITS FOR 1 CURB RAMP

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



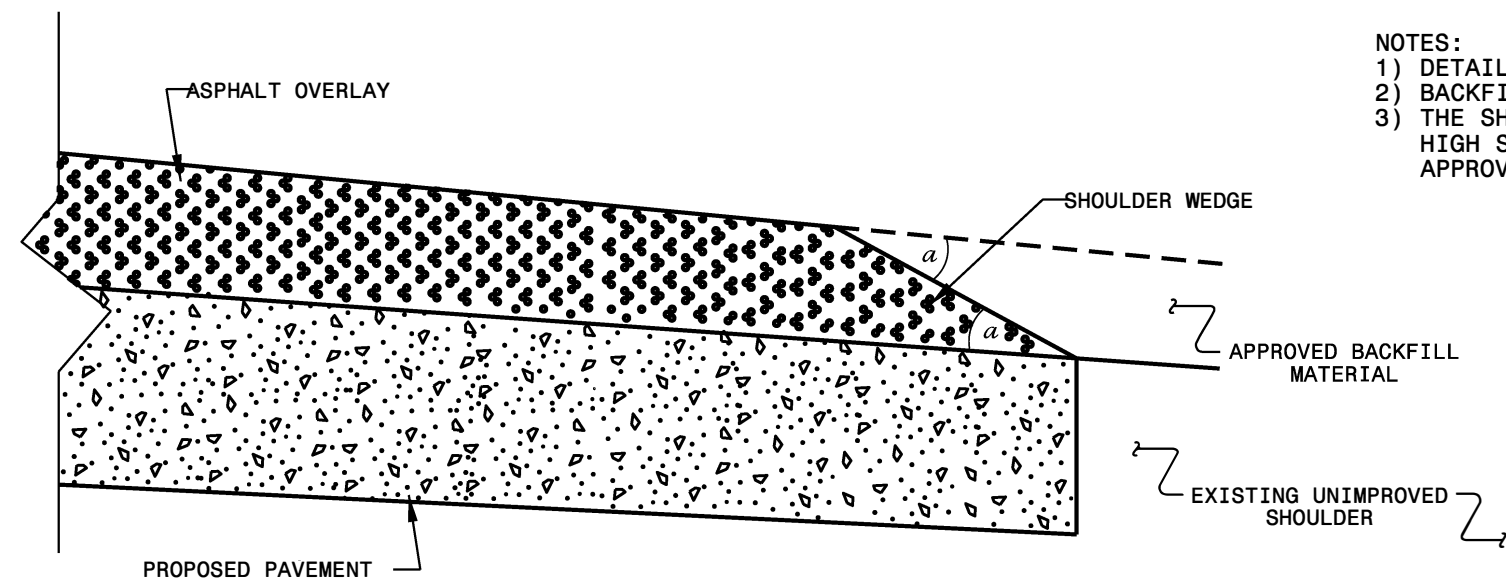
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**

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

SEE TITLE BLOCK

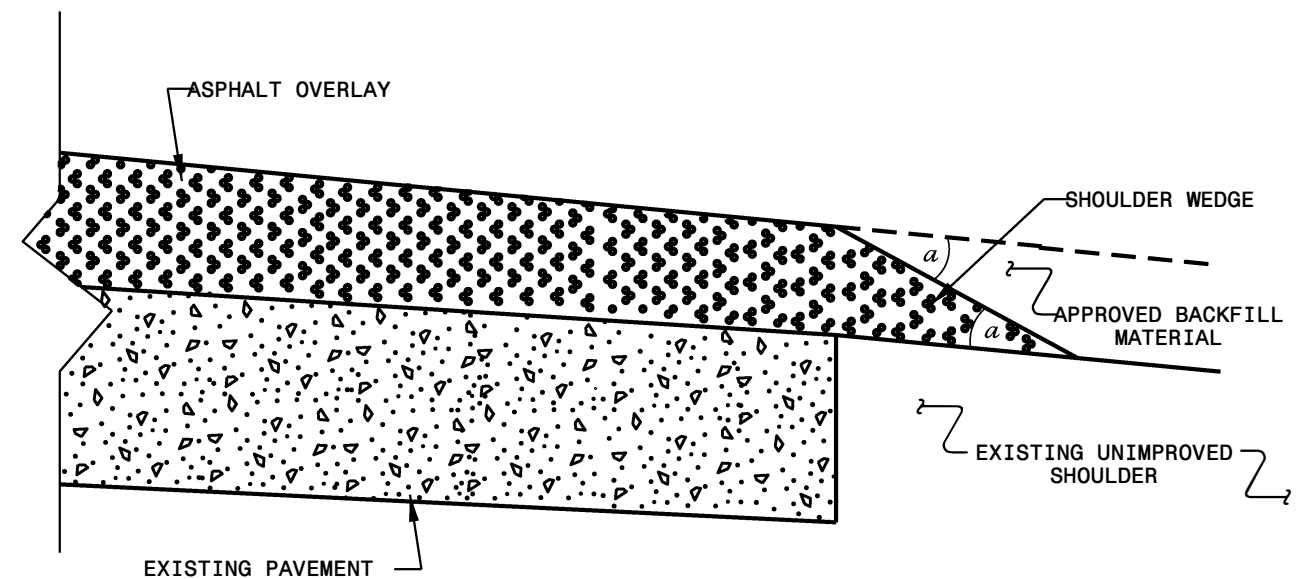
ORIGINAL BY: S.CALHOUN DATE: 12-22-2023
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: special_details\nmhackler\0609.dgn



- 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.

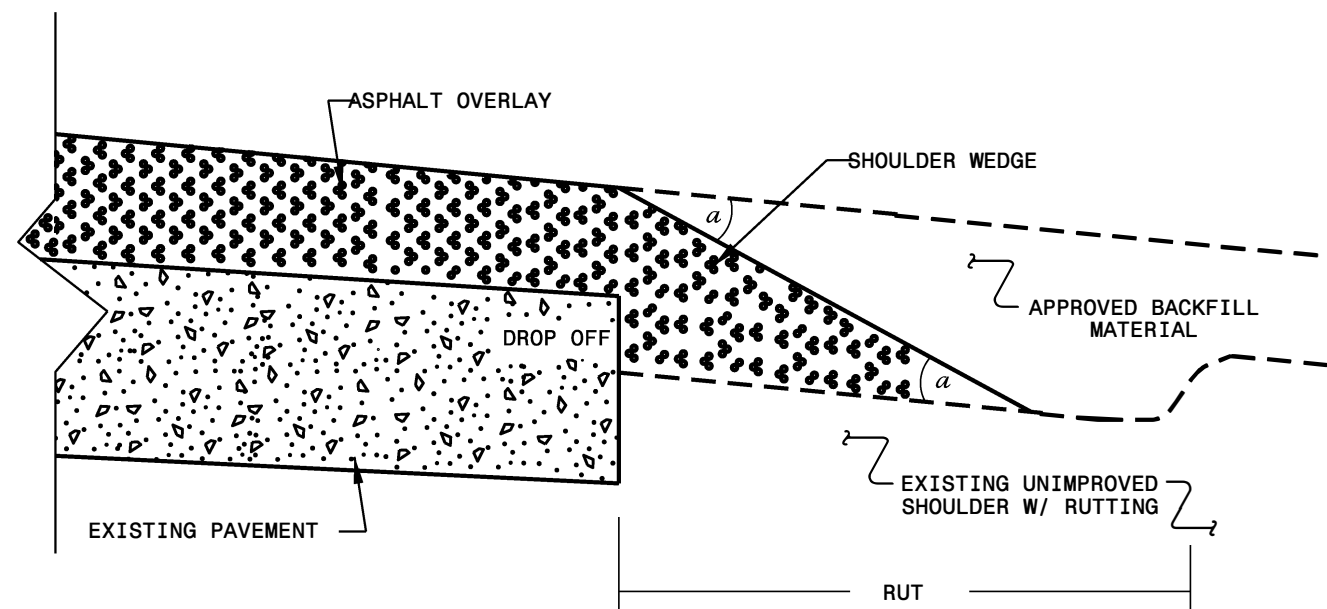
SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)



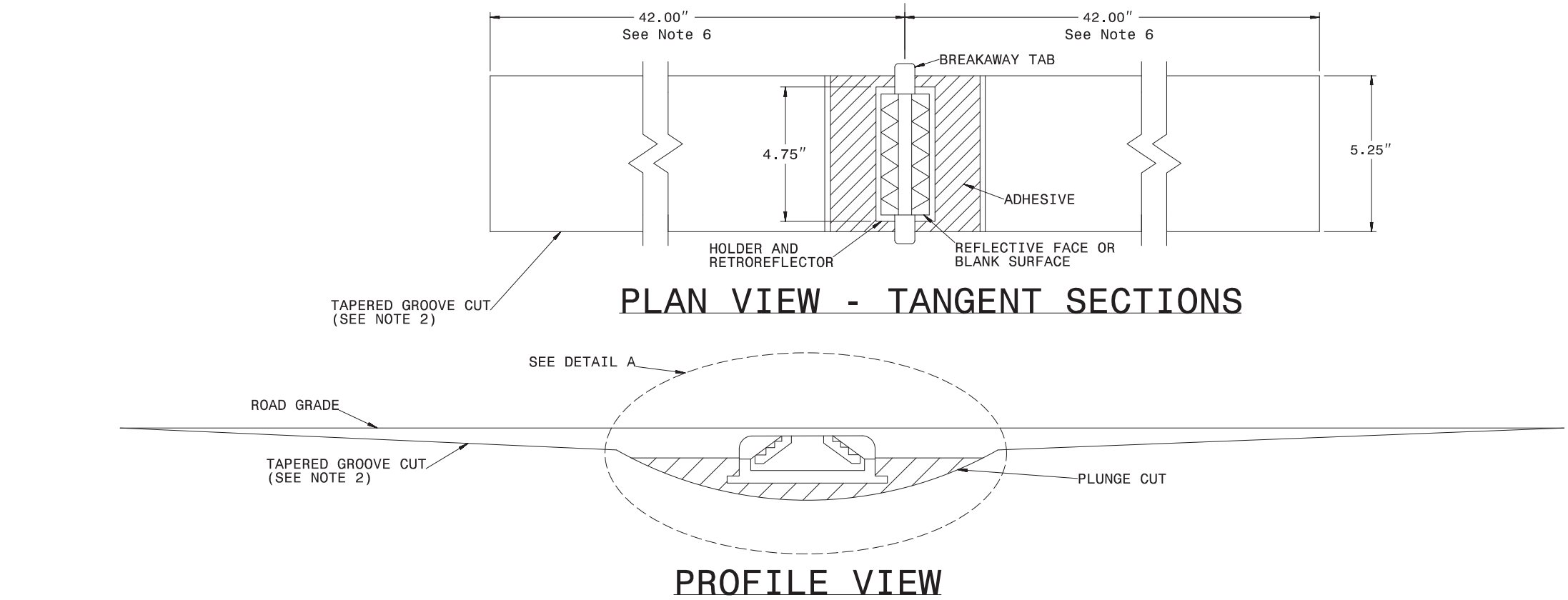
SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to
Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

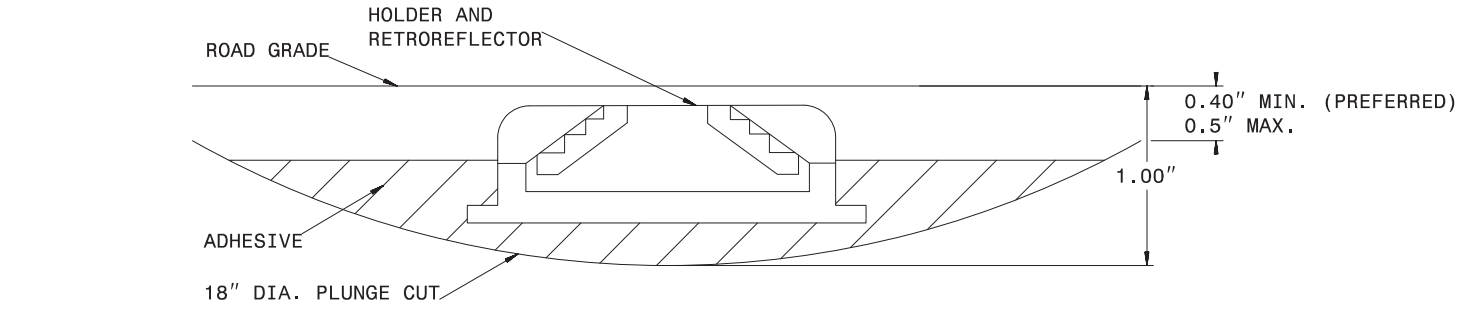
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
SHOULDER WEDGE DETAILS	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn	

PROJECT REFERENCE NO.	SHEET NO.
2026 CPT.05.03.10921.1, etc.	15

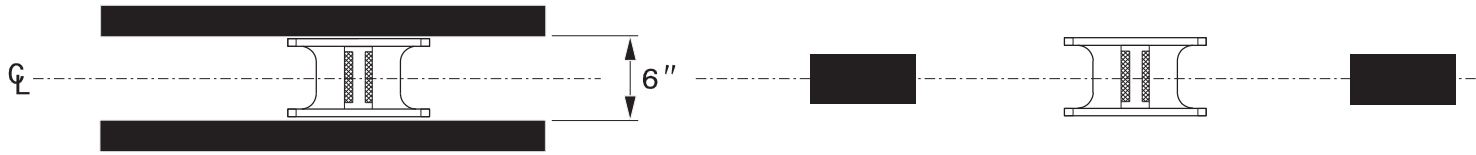


NOTES:

1. ALL GROOVE EDGES SHALL BE AT LEAST 2 INCHES FROM ANY SEAM OR PAVEMENT JOINT
2. GROOVE CUTS MAY BE TAPERED OR BEVELED. TAPERED CUTS SHALL START AT ROAD LEVEL ON EACH END AND TAPER AT A FIXED RATE AS SHOWN ON THE PROFILE VIEW. BEVELED GROOVE CUTS SHALL BE 0.5" MAXIMUM DEPTH (0.4" PREFERRED), AND SHALL BE 0.4" MINIMUM DEPTH AT BOTH ENDS OF THE PLUNGE CUT.
3. GROOVE AND PLUNGE CUT SHALL BE CLEAN AND DRY PRIOR TO PLACEMENT OF ADHESIVE.
4. THE EPOXY ADHESIVE SHALL BE THOROUGHLY MIXED UNTIL IT IS UNIFORM IN COLOR, AND APPLIED IN COLOR, AND APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. MARKER SHALL BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE BREAKWAY TABS RESTING ON THE PAVEMENT SURFACE. THE EPOXY SHALL BE FILLED TO THE LEVEL OF THE TOP OF THE MARKER HOLDER. EPOXY SHALL NOT TOUCH THE RETROREFELCTOR.
6. TOTAL GROOVE LENGTH MAY BE SHORTENED TO 54" ON SHARP CURVES IF APPROVED BY THE ENGINEER. GROOVES SHALL NOT OVERLAP WITH LOOP DETECTOR WIRES.

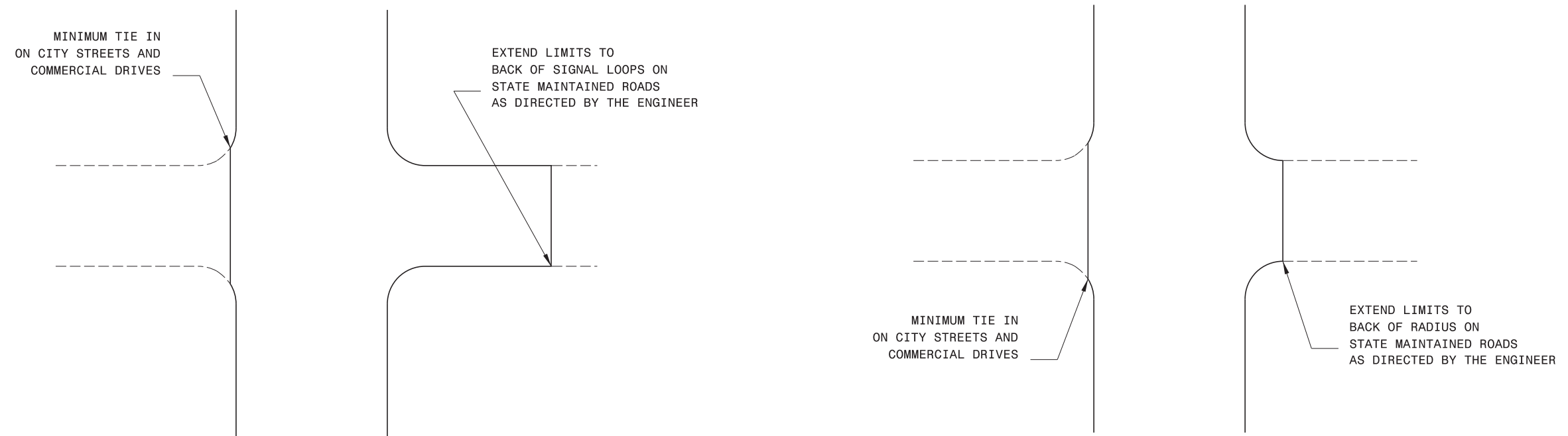


DETAIL A



MARKER SPACING

CONTRACTS STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-8950	FAX 919-250-4119
DETAIL OF INLAID CRADLE MARKER	
ORIGINAL BY: rgwatson	DATE: 02-06-2024
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	



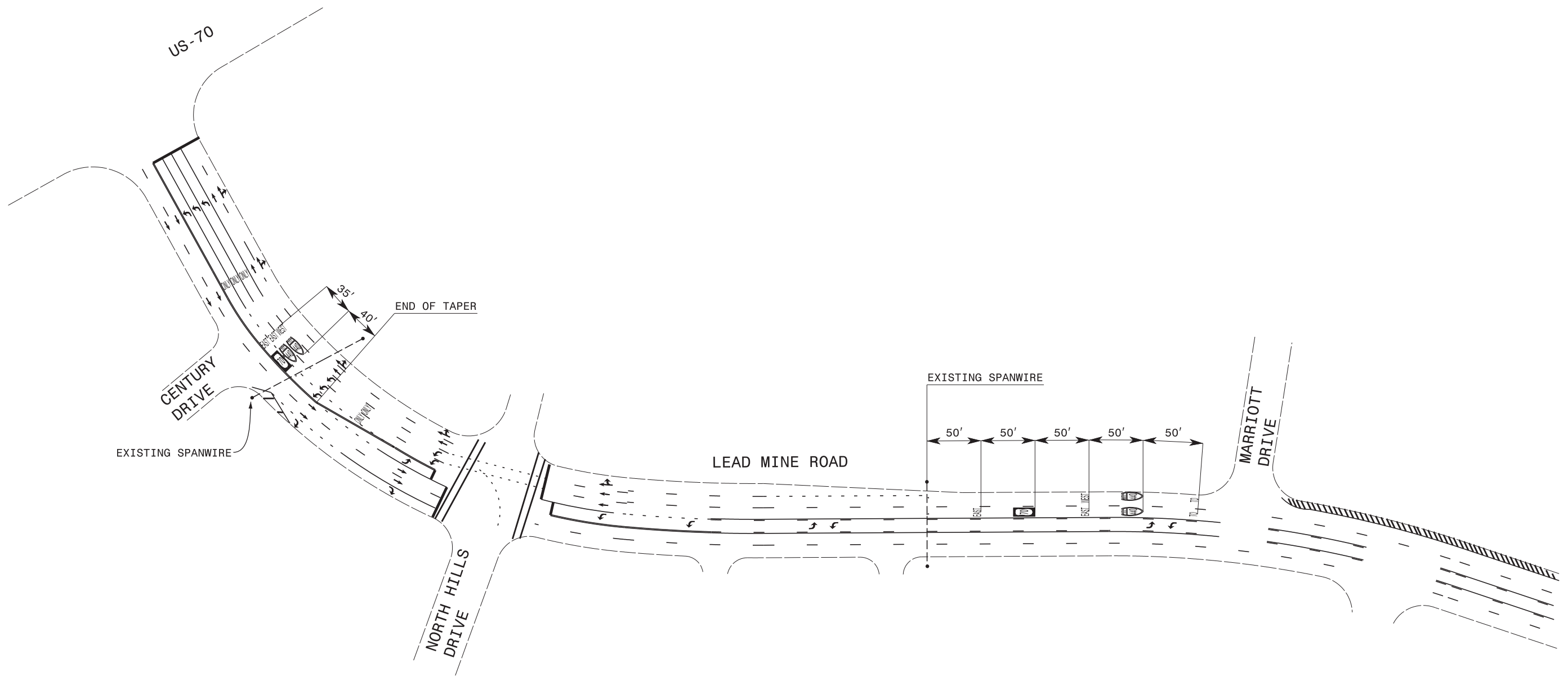
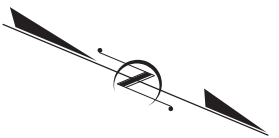
TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES

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:

[illegible]



REFER TO ROADWAY STANDARD DRAWING 1205.08 FOR DIMENSIONS, NOTES, ETC. FOR SHIELDS AND WORD MESSAGES.

PLACEMENT FOR ROUTE SHIELDS
AND ACCOMPANYING WORD MESSAGES

ADA SUMMARY OF QUANTITIES - TOTALS

WBS	2026CPT.05.03.10921.1
Number:	2026CPT.05.03.20921.1
County:	Wake

Sheet No.
18

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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps
2026CPT.05.03.10921.1	Wake	Raleigh	US 70 EB / WB From Womans Club Dr To SR 1728	60	10	5	9	1	36	0	179	0	12	159	6	1	1	0	43	0	2
2026CPT.05.03.20921.1	Wake	Raleigh Outside Municipality	Lead Mine Rd From US 70 To SR 1851	120	20	1	0	0	123	0	68	15	48	48	15	0	0	1	12	1	8
2026CPT.05.03.20921.1	Wake	Raleigh	Lead Mine Rd From SR 1851 To Begin C&G				0	1	306	4	103	10	96	69	38	0	2	0	22	0	20
2026CPT.05.03.20921.1	Wake	Raleigh	Lead Mine Rd From Begin C&G To SR 5147				0	0	100	0	76	0	0	30	0	0	0	0	10	0	6
GRAND TOTAL				180	30	6	9	2	565	4	426	25	156	306	59	1	3	1	87	1	36

ADA SUMMARY OF QUANTITIES - US 70 EB / WB FROM WOMANS CLUB DR TO SR 1728

Municipality:	Raleigh
WBS Number:	2026CPT.05.03.10921.1
County:	Wake

Sheet No.
19

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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
18089	1	US-70 (Glenwood Ave)	RMP-993 (Wade Ave To Glenwood Ave Ramp EB)								6					1			Type 3 Modified - 848D0609
18090	1	US-70 (Glenwood Ave)	RMP-993 (Wade Ave To Glenwood Ave Ramp EB)													1			Type 1 Modified - 848.06
18087	2	US-70 (Glenwood Ave)	RMP-992 (Wade Ave To Glenwood Ave Ramp WB)							3		6				1			Type 3 - 848D0609
18088	2	US-70 (Glenwood Ave)	RMP-992 (Wade Ave To Glenwood Ave Ramp WB)								6					1			Type 1A - 848.06
18091	2	US-70 (Glenwood Ave)	Williamson Dr								6					1			Type 1 Modified - 848.06
18092	2	US-70 (Glenwood Ave)	Williamson Dr													1			Type 1D - 848.06
18085	3	US-70 (Glenwood Ave)	W Roanoke Park Dr													1			Type 1D - 848.06
18086	3	US-70 (Glenwood Ave)	W Roanoke Park Dr													1			Type 1 Modified - 848.06
18083	4	US-70 (Glenwood Ave)	Harvey St								6					1			Type 3 Modified - 848D0609
18084	4	US-70 (Glenwood Ave)	Harvey St								6					1			Type 3 Modified - 848D0609
18093	4	US-70 (Glenwood Ave)	Harvey St								6					1			Type 1D - 848.06
18094	4	US-70 (Glenwood Ave)	Harvey St								12					1			Type 3 Modified - 848D0609
18095	4	US-70 (Glenwood Ave)	Harvey St								6					1			Type 3 - 848D0609
18068	5	US-70 (Glenwood Ave)	Glenn Ave													1			Type 1 Modified - 848.06
18065	6	US-70 (Glenwood Ave)	Alexander Rd								6		1			1			Type 1B - 848.06
18066	6	US-70 (Glenwood Ave)	Alexander Rd													1			Type 1B - 848.06
18061	7	US-70 (Glenwood Ave)	Myrtle Ave								6					1			Type 2A - 848.06
18062	7	US-70 (Glenwood Ave)	Myrtle Ave													1			Type 1B - 848.06
18063	8	US-70 (Glenwood Ave)	The Circle (South Entrance)								6					1			Type 3 Modified - 848D0609
18064	8	US-70 (Glenwood Ave)	The Circle (South Entrance)								6					1			Type 3 - 848D0609
18060	9	US-70 (Glenwood Ave)	The Circle (North Entrance)													1			Type 1 Modified - 848.06
18057	10	US-70 (Glenwood Ave)	Beechridge Rd													1			Type 1C - 848.06
18058	10	US-70 (Glenwood Ave)	Beechridge Rd								6					1			Type 1C - 848.06
18046	11	US-70 (Glenwood Ave)	Cowper Dr								6					1			Type 1C - 848.06
18047	11	US-70 (Glenwood Ave)	Cowper Dr								6					1			Type 1C - 848.06
18044	12	US-70 (Glenwood Ave)	Wake Dr								6					1			Type 1 Modified - 848.06
18048	12	US-70 (Glenwood Ave)	Byrd St								9			1		1			Type 3 Modified - 848D0609
18049	12	US-70 (Glenwood Ave)	Byrd St								6					1			Type 1C - 848.06
18038	13	US-70 (Glenwood Ave)	Sanderson Dr													1			Type 2B - 848.06
18039	13	US-70 (Glenwood Ave)	Sanderson Dr													1			Type 2B - 848.06
18037	14	US-70 (Glenwood Ave)	Argyle Dr								6					1			Type 1C - 848.06
18033	15	US-70 (Glenwood Ave)	Glenanneve Pl													1			Type 1C - 848.06
18034	15	US-70 (Glenwood Ave)	Glenanneve Pl			18												1	Remove Ramp
18035	15	US-70 (Glenwood Ave)	Glenanneve Pl			18												1	Remove Ramp
18036	15	US-70 (Glenwood Ave)	Glenanneve Pl													1			Type 1C - 848.06
18019	16	US-70 (Glenwood Ave)	Oberlin Rd								6					1			Type 2A Modified - 848.06
Sub-Total				0	0	36	0	0	0	3	129	6	1	1	0	34	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 - US 70 EB / WB FROM WOMANS CLUB DR TO SR 1728

Municipality:	Raleigh
WBS Number:	2026CPT.05.03.10921.1
County:	Wake

Sheet No.
20

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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
18020	17	US-70 (Glenwood Ave)	Crossover to Glenwood Ave Service Rd (Near 2601 Glenwood Ave)					7			6					1			Type 1 Modified - 848.06
18010	18	US-70 (Glenwood Ave)	Carolina Place Office Center (2626 Glenwood Ave) East Entrance													1			Type 1 Modified - 848.06
18011	18	US-70 (Glenwood Ave)	Carolina Place Office Center (2626 Glenwood Ave) East Entrance								6					1			Type 1 Modified - 848.06
18012	19	US-70 (Glenwood Ave)	Carolina Place Office Center (2626 Glenwood Ave) West Parking Entrance													1			Type 1 Modified - 848.06
18009	20	US-70 (Glenwood Ave)	Edinburgh Rd													1			Type 1C - 848.06
26357	21	US-70 (Glenwood Ave)	Pasquotank Dr	9												1			Type 1 Modified - 848.06
26470	21	US-70 (Glenwood Ave)	Pasquotank Dr							6									Other
18003	22	US-70 (Glenwood Ave)	Womans Club Dr								6					1			Type 3 Modified - 848D0609
18004	22	US-70 (Glenwood Ave)	Womans Club Dr								6					1			Type 3 Modified - 848D0609
18005	22	US-70 (Glenwood Ave)	Womans Club Dr							3	6					1			Type 1A - 848.06
-	-	-	-	-	1*	-	-	172*	-	-	-	-	-	-	-	-	-	-	
Sub-Total				9	1	0	0	179	0	9	30	0	0	0	0	9	0	0	
Sub-Total for US 70 EB / WB From Womans Club Dr To SR 1728				9	1	36	0	179	0	12	159	6	1	1	0	43	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 - LEAD MINE RD FROM US 70 TO SR 1851

Municipality:	Raleigh
WBS Number:	2026CPT.05.03.20921.1
County:	Wake
Outside Municipality	

Sheet No.
21

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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
20826	1	SR-1820 (Lead Mine Rd)	Century Dr					20							1	1			Type 1D - 848.06
20830	1	SR-1820 (Lead Mine Rd)	Century Dr								6					1			Type 3 Modified - 848D0609
20814	2	SR-1820 (Lead Mine Rd)	Crabtree Valley Baptist Church (4408 Lead Mine Rd) South Entrance								9					1			Type 1 Modified - 848.06
20815	2	SR-1820 (Lead Mine Rd)	Crabtree Valley Baptist Church (4408 Lead Mine Rd) South Entrance													1			Type 1 Modified - 848.06
20812	3	SR-1820 (Lead Mine Rd)	Crabtree Valley Baptist Church (4408 Lead Mine Rd) North Entrance								9					1			Type 1 Modified - 848.06
20813	3	SR-1820 (Lead Mine Rd)	Crabtree Valley Baptist Church (4408 Lead Mine Rd) North Entrance													1			Type 1 Modified - 848.06
20802	4	SR-1820 (Lead Mine Rd)	Charles Dr													1			Type 3 Modified - 848D0609
20803	4	SR-1820 (Lead Mine Rd)	Charles Dr			18				9								1	Remove Ramp
20804	4	SR-1820 (Lead Mine Rd)	Charles Dr			15				9								1	Remove Ramp
20805	4	SR-1820 (Lead Mine Rd)	Charles Dr			15				15								1	Remove Ramp
20806	5	SR-1820 (Lead Mine Rd)	SR-1821 (Philcrest Rd)			15						9						1	Remove Ramp
20807	5	SR-1820 (Lead Mine Rd)	SR-1821 (Philcrest Rd)													1			Type 1C - 848.06
20809	5	SR-1820 (Lead Mine Rd)	SR-1821 (Philcrest Rd)					15			6	6					1		Type 1C - 848.06
20777	6	SR-1820 (Lead Mine Rd)	Charles Dr			15				9								1	Remove Ramp
20778	6	SR-1820 (Lead Mine Rd)	Charles Dr													1			Type 1D - 848.06
20770	7	SR-1820 (Lead Mine Rd)	Stannard Trl								6					1			Type 1C - 848.06
20769	7	SR-1820 (Lead Mine Rd)	Stannard Trl			15												1	Remove Ramp
20771	7	SR-1820 (Lead Mine Rd)	Stannard Trl			15				6								1	Remove Ramp
20772	7	SR-1820 (Lead Mine Rd)	Stannard Trl								6					1			Type 1D - 848.06
20711	8	SR-1820 (Lead Mine Rd)	SR-1851 (French Dr)			15												1	Remove Ramp
20712	8	SR-1820 (Lead Mine Rd)	SR-1851 (French Dr)								6					1			Type 1C - 848.06
-	-	-	-	-	-	-	-	48*	-	-	-	-	-	-	-	-	-	-	
Sub-Total for Lead Mine Rd From US 70 To SR 1851				0	0	123	0	68	15	48	48	15	0	0	1	12	1	8	

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 - LEAD MINE RD FROM SR 1851 TO BEGIN C&G

Municipality:	Raleigh
WBS Number:	2026CPT.05.03.20921.1
County:	Wake

Sheet No.
22

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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
18766	1	SR-1822 (W Millbrook Rd)	SR-1820 (Lead Mine Rd)							6									Other
18767	1	SR-1822 (W Millbrook Rd)	SR-1820 (Lead Mine Rd)							6									Other
18768	1	SR-1822 (W Millbrook Rd)	SR-1820 (Lead Mine Rd)			6		5		3									Other
18769	1	SR-1822 (W Millbrook Rd)	SR-1820 (Lead Mine Rd)				4			3									Other
18772	1	SR-1822 (W Millbrook Rd)	SR-1820 (Lead Mine Rd)					5		12									Other
26381	2	SR-1820 (Lead Mine Rd)	Longwood Dr			20						3						1	Remove Ramp
26382	2	SR-1820 (Lead Mine Rd)	Longwood Dr			15								1				1	Remove Ramp
26383	3	SR-1820 (Lead Mine Rd)	Belmont Valley Ct													1			Type 1D - 848.06
26384	3	SR-1820 (Lead Mine Rd)	Belmont Valley Ct			15				9								1	Remove Ramp
26385	3	SR-1820 (Lead Mine Rd)	Belmont Valley Ct			15												1	Remove Ramp
26386	3	SR-1820 (Lead Mine Rd)	Belmont Valley Ct													1			Type 1C - 848.06
26387	4	SR-1820 (Lead Mine Rd)	Ashley Ridge Dr			15				6								1	Remove Ramp
26388	4	SR-1820 (Lead Mine Rd)	Ashley Ridge Dr													1			Type 1A - 848.06
18156	5	SR-1820 (Lead Mine Rd)	Lakepark Dr								6					1			Type 1A - 848.06
18157	5	SR-1820 (Lead Mine Rd)	Lakepark Dr								6					1			Type 2B - 848.06
18158	5	SR-1820 (Lead Mine Rd)	Lakepark Dr			15				9								1	Remove Ramp
18150	6	SR-1820 (Lead Mine Rd)	Shadyside Dr								6					1			Type 3 Modified - 848D0609
18151	6	SR-1820 (Lead Mine Rd)	Shadyside Dr			20				9								1	Remove Ramp
18152	6	SR-1820 (Lead Mine Rd)	Shadyside Dr			5		10										1	Remove Ramp
18153	6	SR-1820 (Lead Mine Rd)	Shadyside Dr								6					1			Type 1C - 848.06
18154	6	SR-1820 (Lead Mine Rd)	Crossing over Lead Mine Rd near Shadyside Drive													1			Type 1 Modified - 848.06
18155	6	SR-1820 (Lead Mine Rd)	Crossing over Lead Mine Rd near Shadyside Drive													1			Type 1 Modified - 848.06
6837	7	SR-1820 (Lead Mine Rd)	Gaylord Dr								9					1			Type 1A - 848.06
6838	7	SR-1820 (Lead Mine Rd)	Gaylord Dr								6					1			Type 1C - 848.06
26389	8	SR-1820 (Lead Mine Rd)	Mine Shaft Rd							9				1		1			Type 1A - 848.06
26390	8	SR-1820 (Lead Mine Rd)	Mine Shaft Rd							3						1			Standard - 848.06
26391	8	SR-1820 (Lead Mine Rd)	The Montessori School of Raleigh (7005 Lead Mine Rd)		1					3						1			Type 1 Modified - 848.06
18161	9	SR-1820 (Lead Mine Rd)	Doverton Ct (South Entrance)			15												1	Remove Ramp
18162	9	SR-1820 (Lead Mine Rd)	Doverton Ct (South Entrance)			15						35						1	Remove Ramp
18163	9	SR-1820 (Lead Mine Rd)	Doverton Ct (South Entrance)													1			Type 2B - 848.06
18164	9	SR-1820 (Lead Mine Rd)	Doverton Ct (South Entrance)			15				6								1	Remove Ramp
18165	10	SR-1820 (Lead Mine Rd)	Doverton Ct (North Entrance)													1			Type 2B - 848.06
18166	10	SR-1820 (Lead Mine Rd)	Doverton Ct (North Entrance)			15				6								1	Remove Ramp
18167	10	SR-1820 (Lead Mine Rd)	Doverton Ct (North Entrance)			15												1	Remove Ramp
18168	10	SR-1820 (Lead Mine Rd)	Doverton Ct (North Entrance)			15												1	Remove Ramp
18169	11	SR-1820 (Lead Mine Rd)	Wedgeland Dr			15												1	Remove Ramp
Sub-Total				0	1	231	4	10	10	90	39	38	0	2	0	16	0	15	

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 - LEAD MINE RD FROM SR 1851 TO BEGIN C&G

Municipality:	Raleigh
WBS Number:	2026CPT.05.03.20921.1
County:	Wake

Sheet No.
23

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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
18170	11	SR-1820 (Lead Mine Rd)	Wedgeland Dr													1			Type 1C - 848.06
18171	11	SR-1820 (Lead Mine Rd)	Wedgeland Dr			15				6								1	Remove Ramp
18172	11	SR-1820 (Lead Mine Rd)	Wedgeland Dr								6					1			Type 1D - 848.06
18173	11	SR-1820 (Lead Mine Rd)	Wedgeland Dr								6					1			Type 1A - 848.06
18174	11	SR-1820 (Lead Mine Rd)	Wedgeland Dr			15												1	Remove Ramp
18175	12	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) South Entrance			15												1	Remove Ramp
18176	12	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) South Entrance								6					1			Type 1C - 848.06
18177	12	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) South Entrance			15												1	Remove Ramp
18178	12	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) South Entrance					5			6					1			Type 1 Modified - 848.06
18179	12	SR-1820 (Lead Mine Rd)	Wedgeland Dr								6					1			Type 1C - 848.06
18180	12	SR-1820 (Lead Mine Rd)	Wedgeland Dr			15												1	Remove Ramp
-	-	-	-	-	-	-	-	88*	-	-	-	-	-	-	-	-	-	-	
Sub-Total				0	0	75	0	93	0	6	30	0	0	0	0	6	0	5	
Sub-Total for Lead Mine Rd From SR 1851 To Begin C&G				0	1	306	4	103	10	96	69	38	0	2	0	22	0	20	

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 - LEAD MINE RD FROM BEGIN C&G TO SR 5147

Municipality:	Raleigh
WBS Number:	2026CPT.05.03.20921.1
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	2535000000-E (LF) 8" X 12" Concrete Curb	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	4116100000-N (EA) Sign Erection, Relocate Type E (Ground Mounted)	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
18183	1	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) North Entrance			15												1	Remove Ramp
18184	1	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) North Entrance													1			Type 1C - 848.06
18185	1	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) North Entrance			15												1	Remove Ramp
18186	1	SR-1820 (Lead Mine Rd)	The Battery (7500 Lead Mine Rd) North Entrance													1			Type 1C - 848.06
18187	1	SR-1820 (Lead Mine Rd)	Greystone Baptist Church (7509 Lead Mine Rd)			15												1	Remove Ramp
18188	1	SR-1820 (Lead Mine Rd)	Greystone Baptist Church (7509 Lead Mine Rd)													1			Type 1C - 848.06
18189	1	SR-1820 (Lead Mine Rd)	Greystone Baptist Church (7509 Lead Mine Rd)			15												1	Remove Ramp
18190	1	SR-1820 (Lead Mine Rd)	Greystone Baptist Church (7509 Lead Mine Rd)								6					1			Type 1C - 848.06
18229	2	SR-1820 (Lead Mine Rd)	Sawmill Rd								6					1			Type 3 Modified - 848D0609
18230	2	SR-1820 (Lead Mine Rd)	Sawmill Rd								6					1			Type 3 Modified - 848D0609
18191	3	SR-1820 (Lead Mine Rd)	Greystone Village Shopping Center (7713 Lead Mine Rd) South Entrance			20												1	Remove Ramp
18192	3	SR-1820 (Lead Mine Rd)	Greystone Village Shopping Center (7713 Lead Mine Rd) South Entrance								6					1			Type 1C - 848.06
18193	3	SR-1820 (Lead Mine Rd)	Greystone Village Shopping Center (7713 Lead Mine Rd) South Entrance					18								1			Type 7 - 848.06
18194	3	SR-1820 (Lead Mine Rd)	Greystone Village Shopping Center (7713 Lead Mine Rd) South Entrance					18								1			Type 7 - 848.06
18195	3	SR-1820 (Lead Mine Rd)	Greystone Village Shopping Center (7713 Lead Mine Rd) South Entrance			20												1	Remove Ramp
18196	3	SR-1820 (Lead Mine Rd)	Greystone Village Shopping Center (7713 Lead Mine Rd) South Entrance								6					1			Type 1C - 848.06
-	-	-	-	-	-	-	-	40*	-	-	-	-	-	-	-	-	-	-	
Sub-Total for Lead Mine Rd From Begin C&G To SR 5147				0	0	100	0	76	0	0	30	0	0	0	0	10	0	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.

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.05.03.10921.1, etc.	25	

SUMMARY OF QUANTITIES

										0156000000-E	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1523000000-E	1575000000-E	1704000000-E	1891000000-E	2535000000-E	2549000000-E	2591000000-E	2605000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	REMOVAL OF EXISTING ASPHALT PAVEMENT	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTI ON	AGGREGATE SHOULDER BORROW	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	HIGH FRICTION SURFACE TREATMENT	8' X 12" CONCRETE CURB	2'-6" CONCRETE CURB & GUTTER	4" CONCRETE SIDEWALK	CONCRETE CURB RAMPS
								MI	FT	SY	TONS	SMI	TON	SY	SY	TONS	TON	TONS	SY	LF	LF	SY	EA
2026CPT.05.03.10921.1	Wake	1	US-70 E / GLENWOOD AVE	FROM WOMENS CLUB DR TO SR 1728	1	2	2WU	2.758	48	9	75	3.00	277	86,973	10,432	8,593	507	7	3,290.00		36	12	
TOTAL FOR MAP NO. 1								2.758		9	75	3.00	277	86,973	10,432	8,593	507	7	3,290.00		36	12	
TOTAL FOR PROJ NO. 2026CPT.05.03.10921.1								2.758		9	75	3.00	277	86,973	10,432	8,593	507	7	3,290.00		36	12	
2026CPT.05.03.20921.1	Wake	2	RMP-992 / WADE AVE TO GLENWOOD AVE RAMP WB	FROM WADE AVE TO GLENWOOD AVE	1	2	2WU	0.14	24					1,233	93	118	7						
TOTAL FOR MAP NO. 2								0.14						1,233	93	118	7						
2026CPT.05.03.20921.1	Wake	3	SR-1820 / LEAD MINE RD	FROM BEGIN C&G TO SR 5147	1	2	MU	0.35	60					11,155	250	1,007	59				100		
TOTAL FOR MAP NO. 3								0.35						11,155	250	1,007	59				100		
2026CPT.05.03.20921.1	Wake	4	SR-1820 / LEAD MINE RD	FROM SR 1851 TO BEGIN C&G	2	2	MU	2.448	32		75	3.00	277	50,610	9,681	5,319	315	21		4	306	96	
TOTAL FOR MAP NO. 4								2.448			75	3.00	277	50,610	9,681	5,319	315	21		4	306	96	
2026CPT.05.03.20921.1	Wake	5	SR-1820 / BLUE RIDGE RD/LEAD MINE RD	FROM US 70 TO SR 1851	1	2	MU	0.762	65					25,299	1,004	2,321	137		3,510.00		123	48	1
TOTAL FOR MAP NO. 5								0.762						25,299	1,004	2,321	137		3,510.00		123	48	1
TOTAL FOR PROJ NO. 2026CPT.05.03.20921.1								3.7			75	3.00	277	88,297	11,028	8,765	518	21	3,510.00	4	529	144	1
GRAND TOTAL								6.458		9	150	6.00	554	175,270	21,460	17,358	1,025	28	6,800.00	4	565	156	1

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.05.03.10921.1, etc.	26	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE			2612500000-N	2738000000-E	2739000000-E	2752000000-E		2759000000-N	2830000000-N	2845000000-N	4116100000-N	4520000000-N	4600000000-N		7444000000-E
								LENGTH	WIDTH	REMOVE AND REPLACE CONCRETE CURB RAMPS	REMOVE AND REPLACE 4" CONCRETE SIDEWALK	REMOVE 4" CONCRETE SIDEWALK	REMOVE AND REPLACE 2'-6" CONCRETE CURB & GUTTER	REMOVE 2'-6" CONCRETE CURB & GUTTER	REMOVE CONCRETE CURB RAMPS	ADJUST MANHOLES	ADJUST METER OR VALVE BOX	SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED)	TUBULAR MARKERS (FIXED)	PEDESTRIAN TRANSPORT SERVICE	AUDIBLE WARNING DEVICES	INDUCTIVE LOOP SAWCUT
										EA	SY	SY	LF	LF	EA	EA	EA	EA	EA	EA	EA	LF
2026CPT.05.03.10921.1	Wake	1	US-70 E / GLENWOOD AVE	FROM WOMENS CLUB DR TO SR 1728	1	2	2WU	2.758	48	43	159	6	179		2	3	1			10	5	20,120
TOTAL FOR MAP NO. 1								2.758		43	159	6	179		2	3	1			10	5	20,120
TOTAL FOR PROJ NO. 2026CPT.05.03.10921.1								2.758		43	159	6	179		2	3	1			10	5	20,120
2026CPT.05.03.20921.1	Wake	2	RMP-992 / WADE AVE TO GLENWOOD AVE RAMP WB	FROM WADE AVE TO GLENWOOD AVE	1	2	2WU	0.14	24													264
TOTAL FOR MAP NO. 2								0.14														264
2026CPT.05.03.20921.1	Wake	3	SR-1820 / LEAD MINE RD	FROM BEGIN C&G TO SR 5147	1	2	MU	0.35	60	10	30		76		6					5		2,304
TOTAL FOR MAP NO. 3								0.35		10	30		76		6					5		2,304
2026CPT.05.03.20921.1	Wake	4	SR-1820 / LEAD MINE RD	FROM SR 1851 TO BEGIN C&G	2	2	MU	2.448	32	22	69	38	103	10	20		2			10	1	10,340
TOTAL FOR MAP NO. 4								2.448		22	69	38	103	10	20		2			10	1	10,340
2026CPT.05.03.20921.1	Wake	5	SR-1820 / BLUE RIDGE RD/LEAD MINE RD	FROM US 70 TO SR 1851	1	2	MU	0.762	65	12	48	15	68	15	8			1	20	5		4,000
TOTAL FOR MAP NO. 5								0.762		12	48	15	68	15	8			1	20	5		4,000
TOTAL FOR PROJ NO. 2026CPT.05.03.20921.1								3.7		44	147	53	247	25	34		2	1	20	20	1	16,908
GRAND TOTAL								6.458		87	306	59	426	25	36	3	3	1	20	30	6	37,028

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.05. 03.10921.1 etc.	27	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	PEDESTRIAN CHANNELIZING DEVICES	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	12" X 90 M WHITE THERMO	12" X 90 M YELLOW THERMO	24" X 90 M WHITE THERMO	THERMO MSG SCHOOL 90 M	THERMO MSG ONLY 90 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO STR & RT ARROW 90 M
								MI	FT	SF	LF	LS	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA			
2026CPT.05.03.10921.1	Wake	1	US-70 E / GLENWOOD AVE	FROM WOMENS CLUB DR TO SR 1728	1	2	2WU	2.758	48	126	60	*	320			26,420	23,510	600	390	510		2,170	6	8	53	30	48	6
TOTAL FOR MAP NO. 1							2.758		126	60	320				26,420	23,510	600	390	510		2,170	6	8	53	30	48	6	
TOTAL FOR PROJ NO. 2026CPT.05.03.10921.1							2.758		126	60	1.0000		320			26,420	23,510	600	390	510		2,170	6	8	53	30	48	6
																49,930		990		510			14		137			
2026CPT.05.03.20921.1	Wake	2	RMP-992 / WADE AVE TO GLENWOOD AVE RAMP WB	FROM WADE AVE TO GLENWOOD AVE	1	2	2WU	0.14	24	126		*	40				100									4		
TOTAL FOR MAP NO. 2							0.14		126		40					100										4		
2026CPT.05.03.20921.1	Wake	3	SR-1820 / LEAD MINE RD	FROM BEGIN C&G TO SR 5147	1	2	MU	0.35	60	126	30		40	1,790	4,160			300				70		8	16	6	4	2
TOTAL FOR MAP NO. 3							0.35		126	30	40		1,790	4,160			300				70		8	16	6	4	2	
2026CPT.05.03.20921.1	Wake	4	SR-1820 / LEAD MINE RD	FROM SR 1851 TO BEGIN C&G	2	2	MU	2.448	32	274	60		120	30,230	32,800			670	450	280	50	2,080	12		46	13	17	4
TOTAL FOR MAP NO. 4							2.448		274	60	120		30,230	32,800			670	450	280	50	2,080	12		46	13	17	4	
2026CPT.05.03.20921.1	Wake	5	SR-1820 / BLUE RIDGE RD/LEAD MINE RD	FROM US 70 TO SR 1851	1	2	MU	0.762	65	126	30		80	3,860	8,580			2,440				100		24	33	4	11	4
TOTAL FOR MAP NO. 5							0.762		126	30	80		3,860	8,580			2,440				100		24	33	4	11	4	
TOTAL FOR PROJ NO. 2026CPT.05.03.20921.1							3.7		652	120	1.000	280	35,880	45,540		100	3,410	450	280	50	2,250	12	32	95	27	32	10	
														81,420		100		3,860		330			44		164			
GRAND TOTAL								6.458		778	180	1.000	600	35,880	45,540	26,420	23,610	4,010	840	790	50	4,420	18	40	148	57	80	16
														81,420		50,030		4,850		840			58		301			

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.05.03.10921.1, etc.	28	

THERMOPLASTIC AND PAINT QUANTITIES

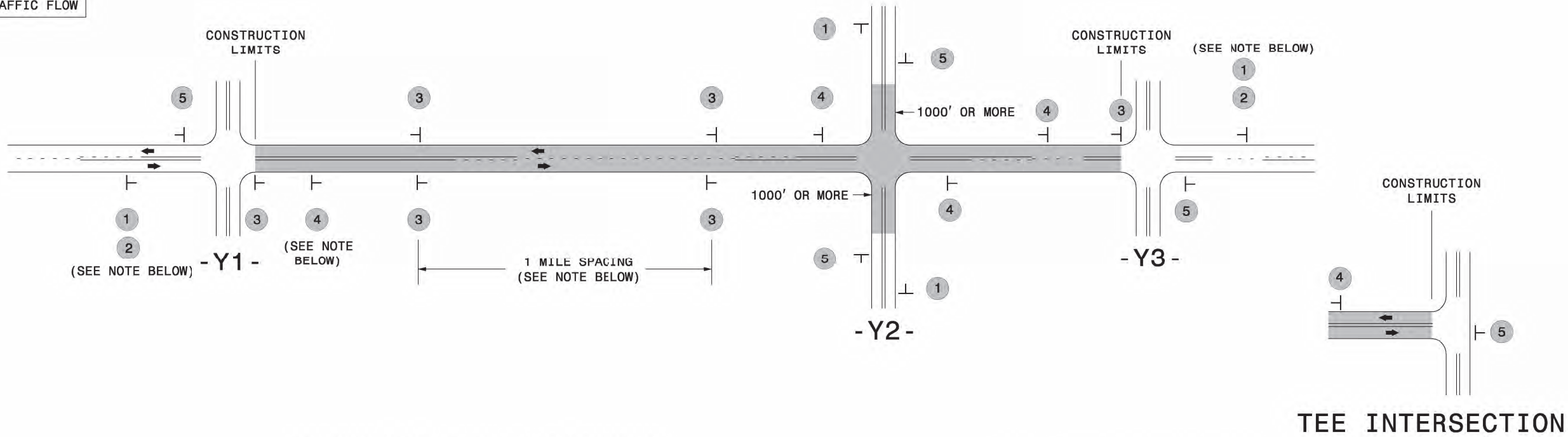
										4726110000-E		4810000000-E		4820000000-E	4835000000-E	4840000000-N	4845000000-N				4847300000-N	4850000000-E	4870000000-E	4875000000-N	4895000000-N		
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	HEATED-IN-PLACE THERMO SYMBOL 90 M (HELMETED BICYCLIST)	HEATED-IN-PLACE THERMO SYMBOL 90 MIL (BIKE STR ARROW)	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT	24" WHITE PAINT	PAINT MSG ONLY	PAINT LT ARROW	PAINT RT ARROW	PAINT STR ARROW	PAINT STR & RT ARROW	IN LANE ROUTE SHIELDS	4" LINE REMOVAL	24" LINE REMOVAL	REML OF PVMT MRKG SYMBOLS & CHARACTERS	INLAID CRADLE MARKERS		
								MI	FT	EA	EA	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2026CPT.05.03.10921.1	Wake	1	US-70 E / GLENWOOD AVE	FROM WOMENS CLUB DR TO SR 1728	1	2	2WU	2.758	48	16	16	570	540		500		3	1	4	2					1,180		
TOTAL FOR MAP NO. 1								2.758		16	16	570	540		500		3	1	4	2					1,180		
TOTAL FOR PROJ NO. 2026CPT.05.03.10921.1								2.758		16	16	570	540		500		3	1	4	2					1,180		
										32		1,110					10										
2026CPT.05.03.20921.1	Wake	2	RMP-992 / WADE AVE TO GLENWOOD AVE RAMP WB	FROM WADE AVE TO GLENWOOD AVE	1	2	2WU	0.14	24																10		
TOTAL FOR MAP NO. 2								0.14																	10		
2026CPT.05.03.20921.1	Wake	3	SR-1820 / LEAD MINE RD	FROM BEGIN C&G TO SR 5147	1	2	MU	0.35	60																140		
TOTAL FOR MAP NO. 3								0.35																	140		
2026CPT.05.03.20921.1	Wake	4	SR-1820 / LEAD MINE RD	FROM SR 1851 TO BEGIN C&G	2	2	MU	2.448	32																600		
TOTAL FOR MAP NO. 4								2.448																	600		
2026CPT.05.03.20921.1	Wake	5	SR-1820 / BLUE RIDGE RD/LEAD MINE RD	FROM US 70 TO SR 1851	1	2	MU	0.762	65			580	620	20	50	20	6	2	9	3	6	627	50	7	320		
TOTAL FOR MAP NO. 5								0.762				580	620	20	50	20	6	2	9	3	6	627	50	7	320		
TOTAL FOR PROJ NO. 2026CPT.05.03.20921.1								3.7				580	620	20	50	20	6	2	9	3	6	627	50	7	1,070		
												1,200					20										
GRAND TOTAL								6.458		16	16	1,150	1,160	20	550	20	9	3	13	5	6	627	50	7	2,250		
										32		2,310					30										

SIGNING FOR RESURFACING PROJECTS

LEGEND

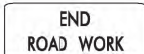
STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2  W20-1 48" X 48"  W7-3aP 24" X 18" 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 CONSTRUCTION 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, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.
	3  SP 13107 48" X 48" - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART 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. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5  G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.	

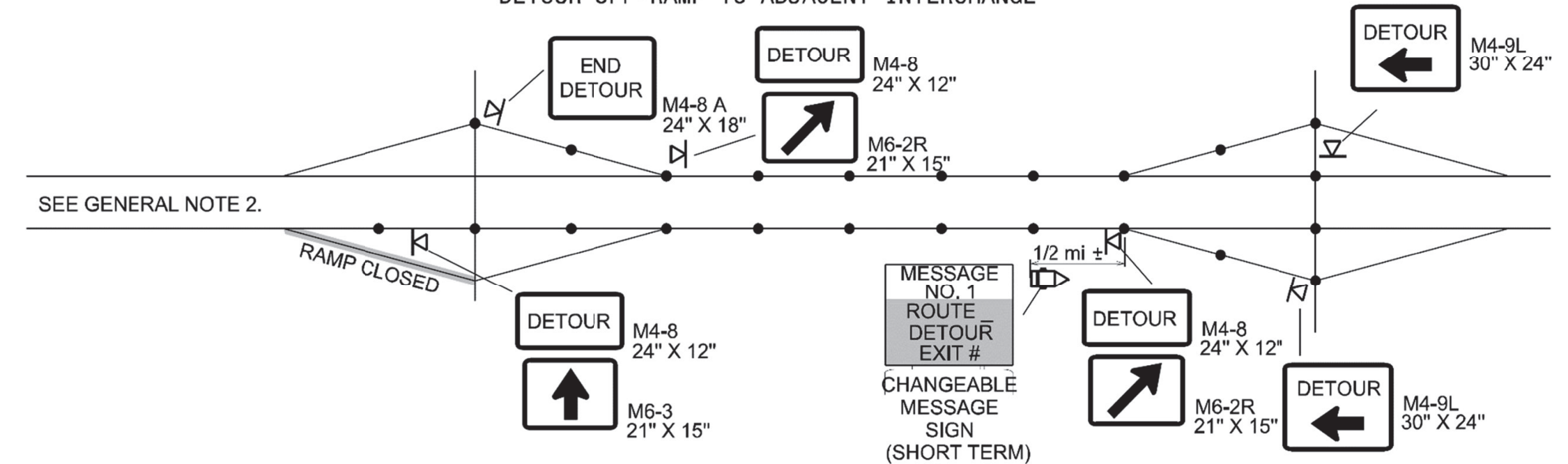
LESS 2 MILES	FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.
-----------------	--

 W20-1 48" X 48"	 W20-7 A 48" X 48"
PLACED 500' IN ADVANCE OF FLAGGER.	PLACED 250' IN ADVANCE OF FLAGGER.

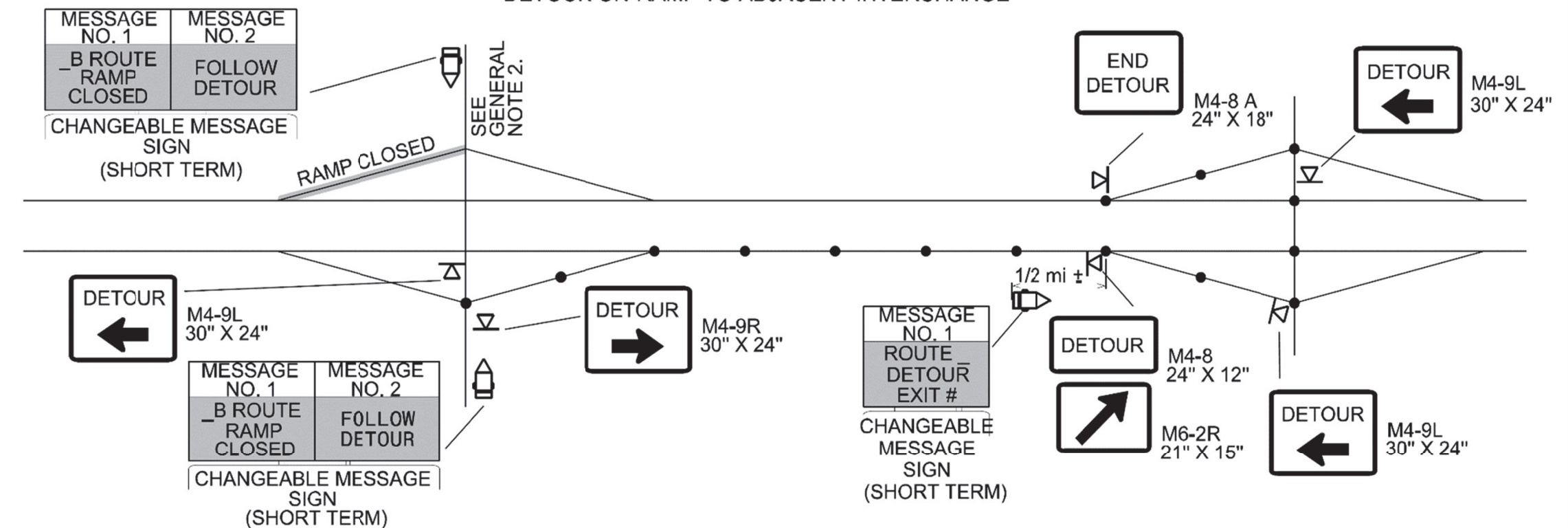
	AD
---	----

DETOURS FOR RAMP CLOSURES

DETOUR OFF-RAMP TO ADJACENT INTERCHANGE



DETOUR ON-RAMP TO ADJACENT INTERCHANGE



GENERAL NOTES

1. THIS DRAWING IS INTENDED FOR USE DURING SHORT TERM (72 HOURS OR LESS) CLOSURES OF RAMPS.
2. THIS SHEET SHALL BE USED IN CONJUNCTION WITH RSD 1101.02, SHEETS 12 OR 13, FOR TRAFFIC CONTROL DEVICES REQUIRED TO CLOSE RAMPS.
3. RAMP CLOSURES SHALL BE APPROVED BY THE ENGINEER.
4. IF RAMP CLOSURE RESTRICTIONS APPLY, SEE "INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES".

 PORTABLE SIGN
 DETOUR ROUTE

