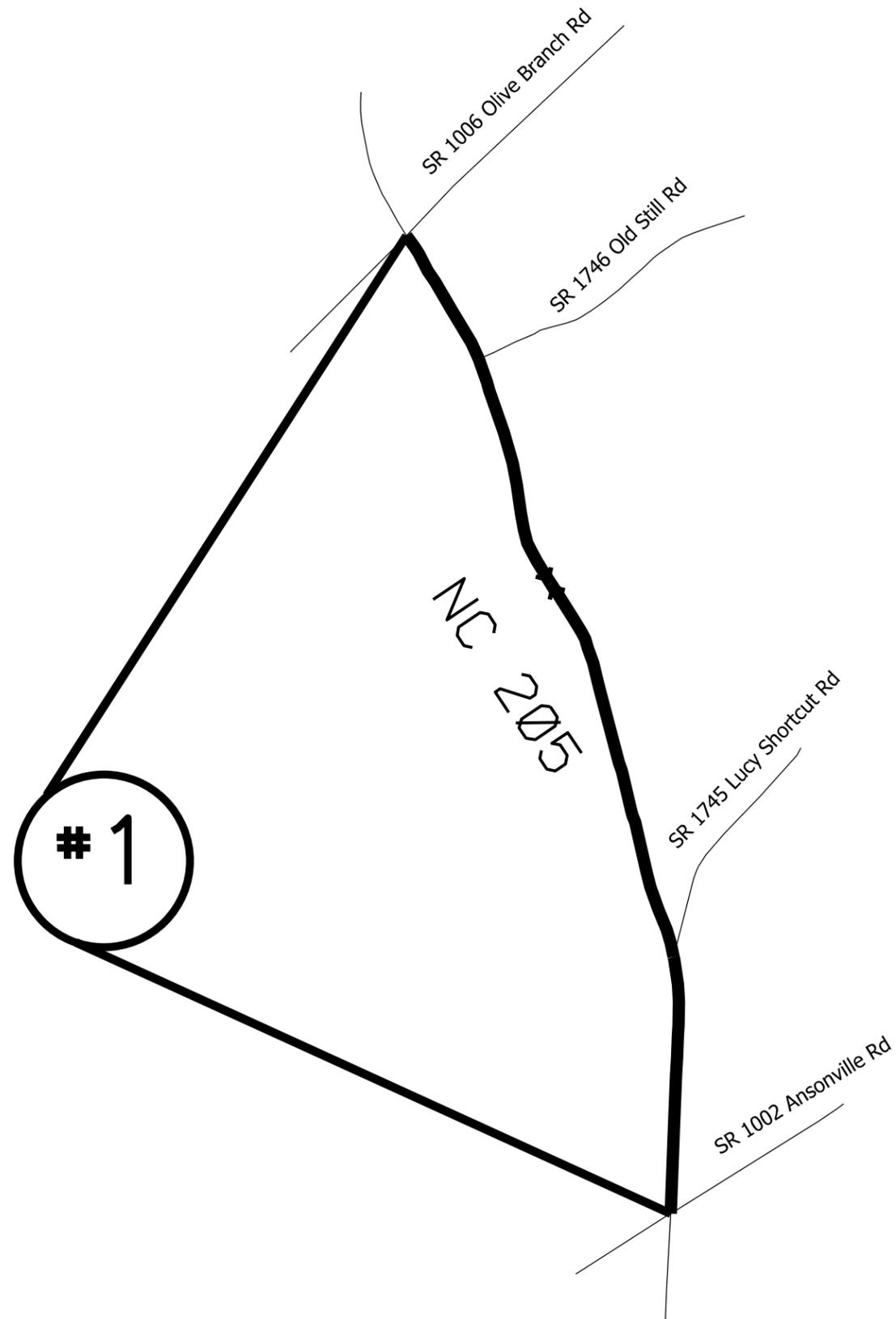


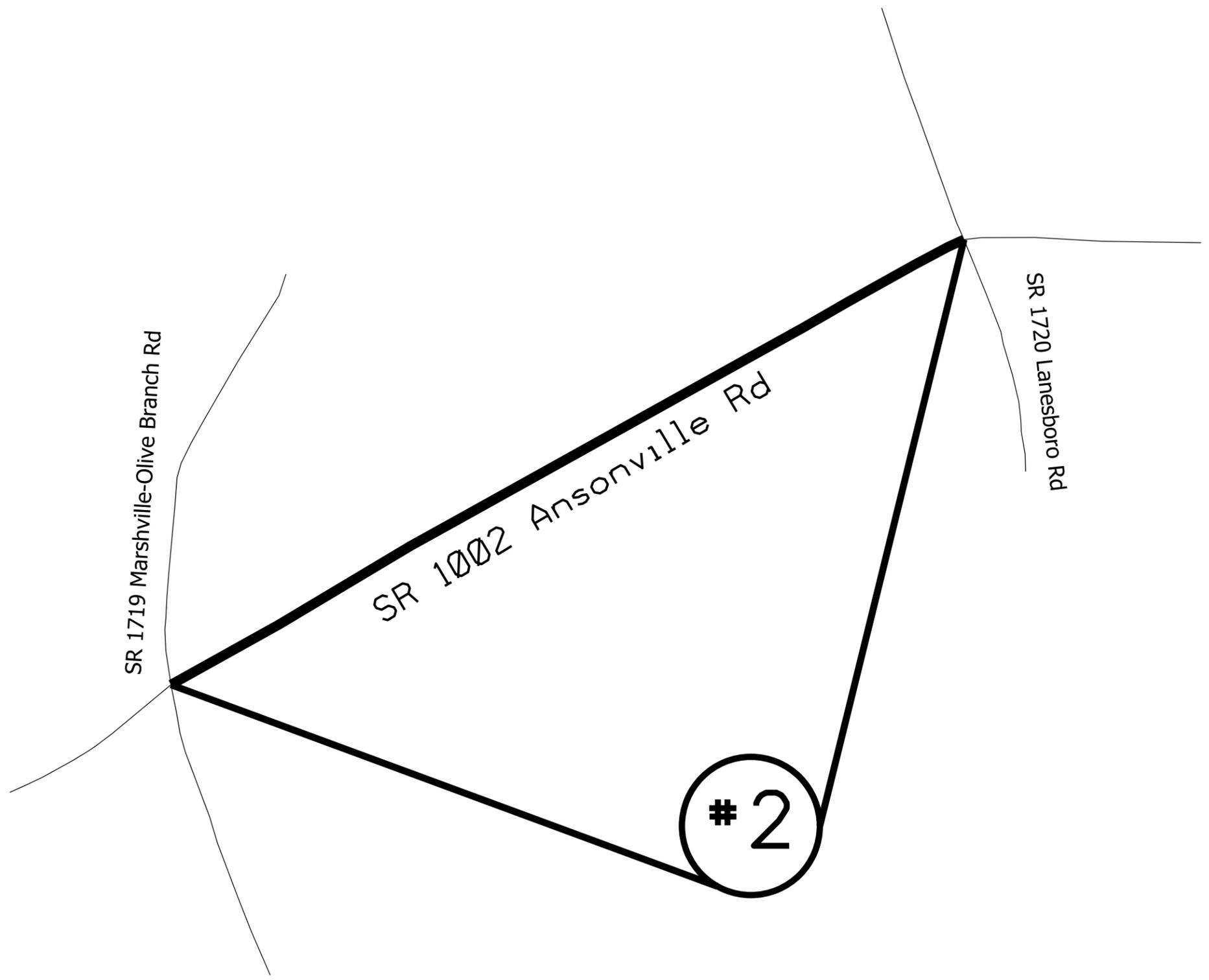
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	1	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS  
 UNION COUNTY  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #1 NC 205  
 1.84 MILES  
 FROM SR 1002 ANSONVILLE RD  
 TO SR 1006 OLIVE BRANCH RD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	2	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS  
**UNION COUNTY**  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #2 SR 1002 ANSONVILLE RD  
 1.03 MILES  
 FROM SR 1719 MARSHVILLE-OLIVE BRANCH RD  
 TO SR 1720 LANESBORO RD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	3	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

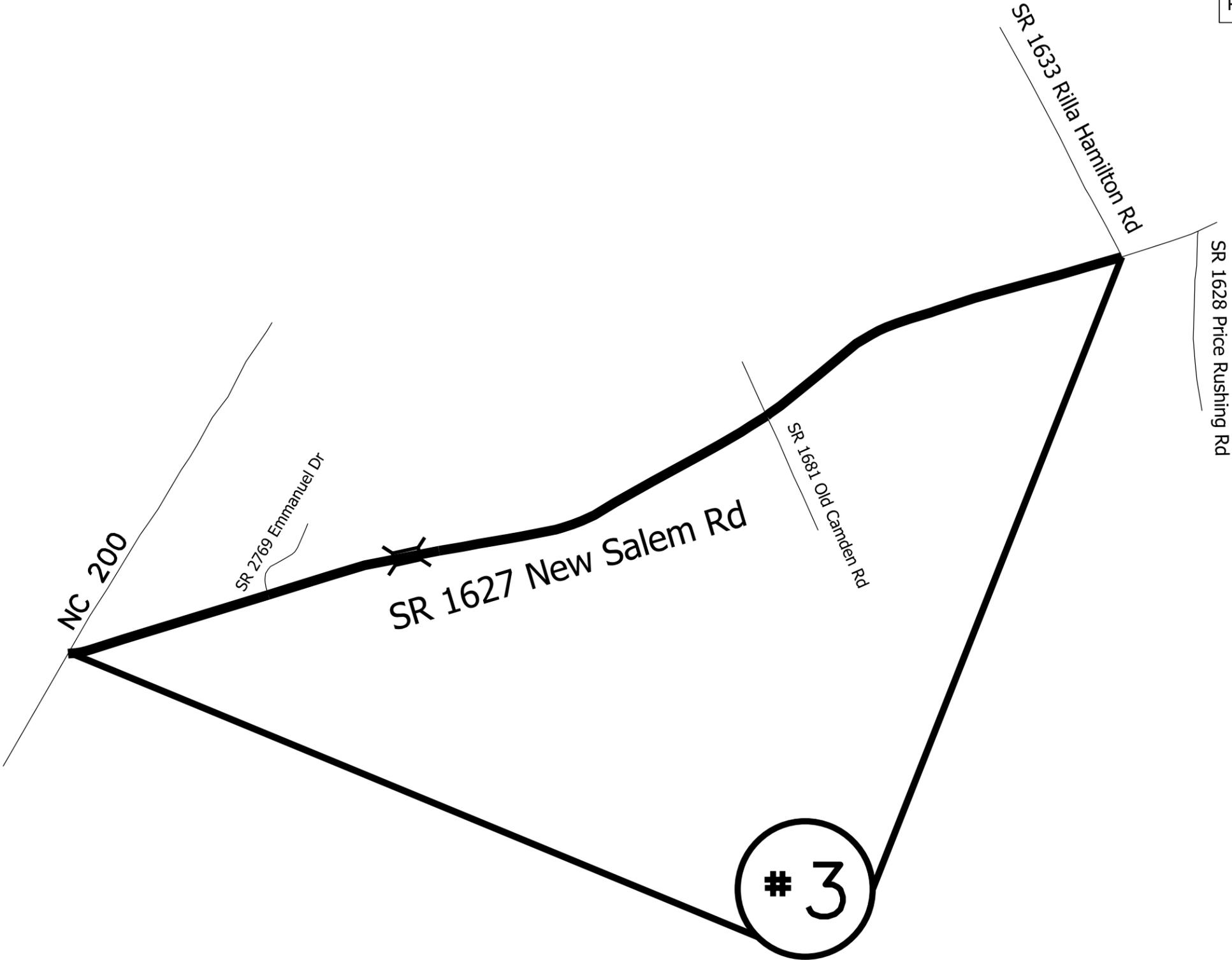
# UNION COUNTY

NORTH CAROLINA

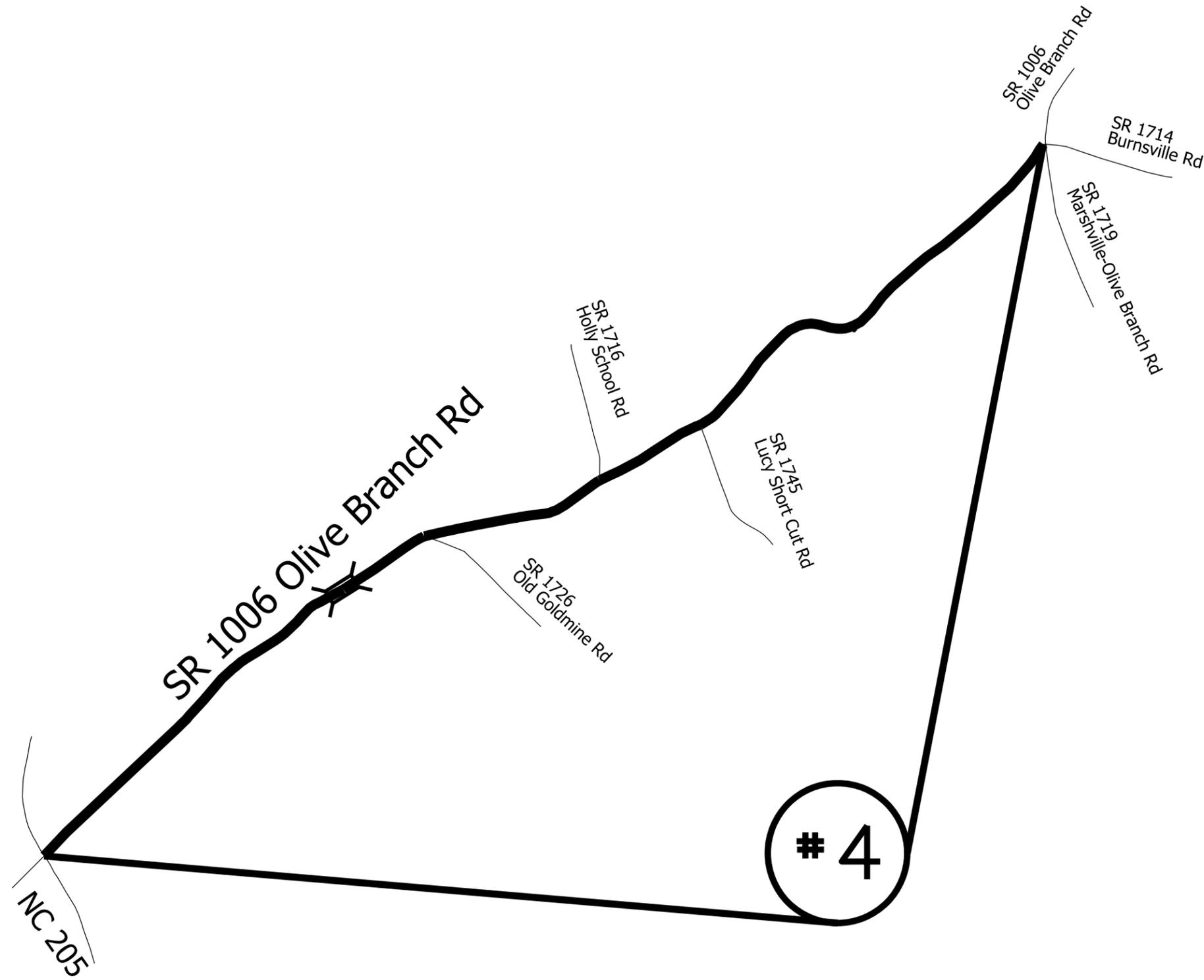
PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #3 SR 1627 NEW SALEM RD  
1.93 MILES  
FROM NC 200  
TO SR 1633 RILLA HAMILTON RD



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	4	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS

# UNION COUNTY

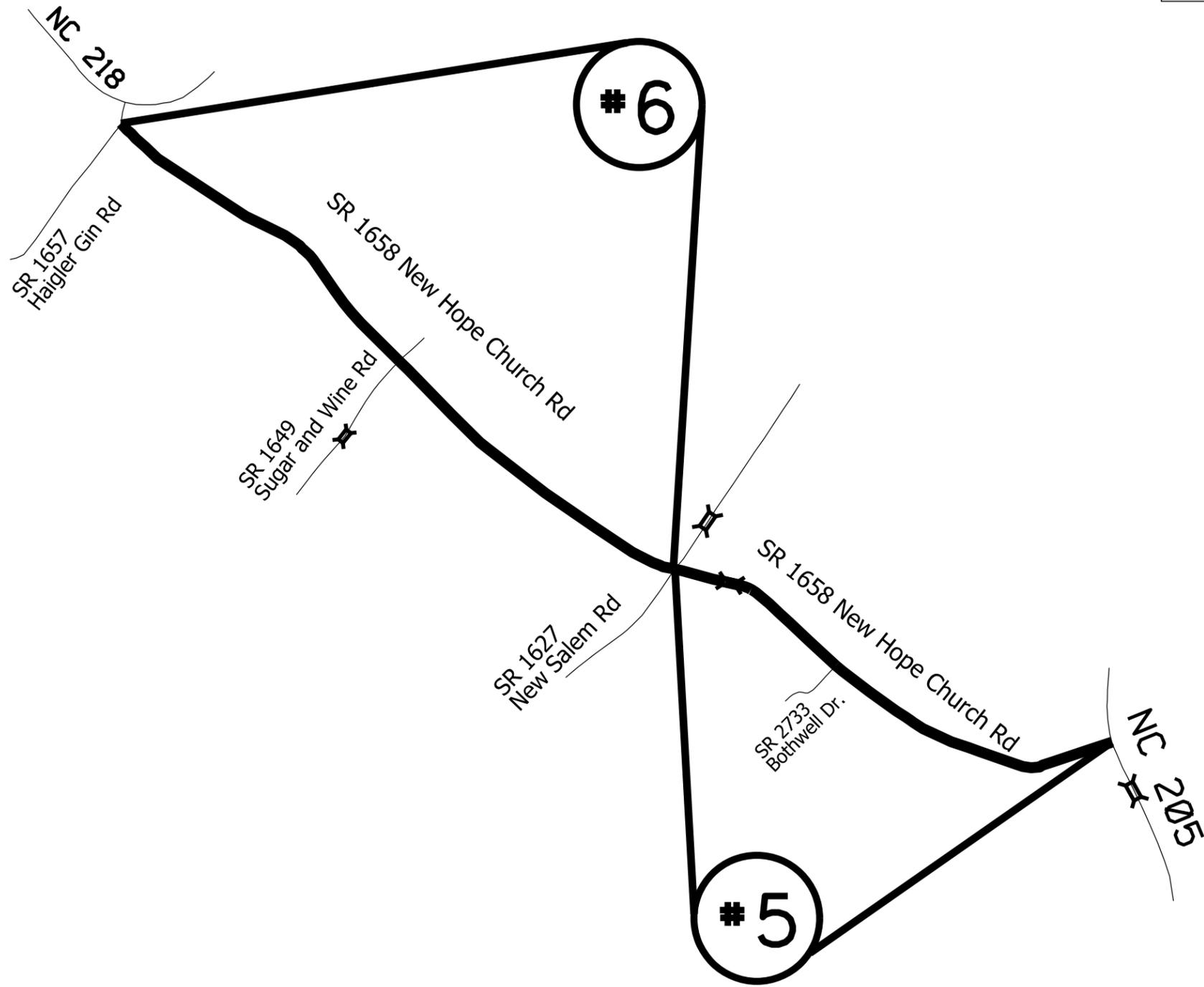
NORTH CAROLINA

PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #4 SR 1006 OLIVE BRANCH RD  
4.71 MILES  
FROM NC 205  
TO SR 1719 MARSHVILLE-OLIVE BRANCH RD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	5	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS  
 UNION COUNTY  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #5 SR 1658 NEW HOPE CHRUCH RD  
 1.12 MILES  
 FROM NC 205  
 TO SR 1627 NEW SALEM RD

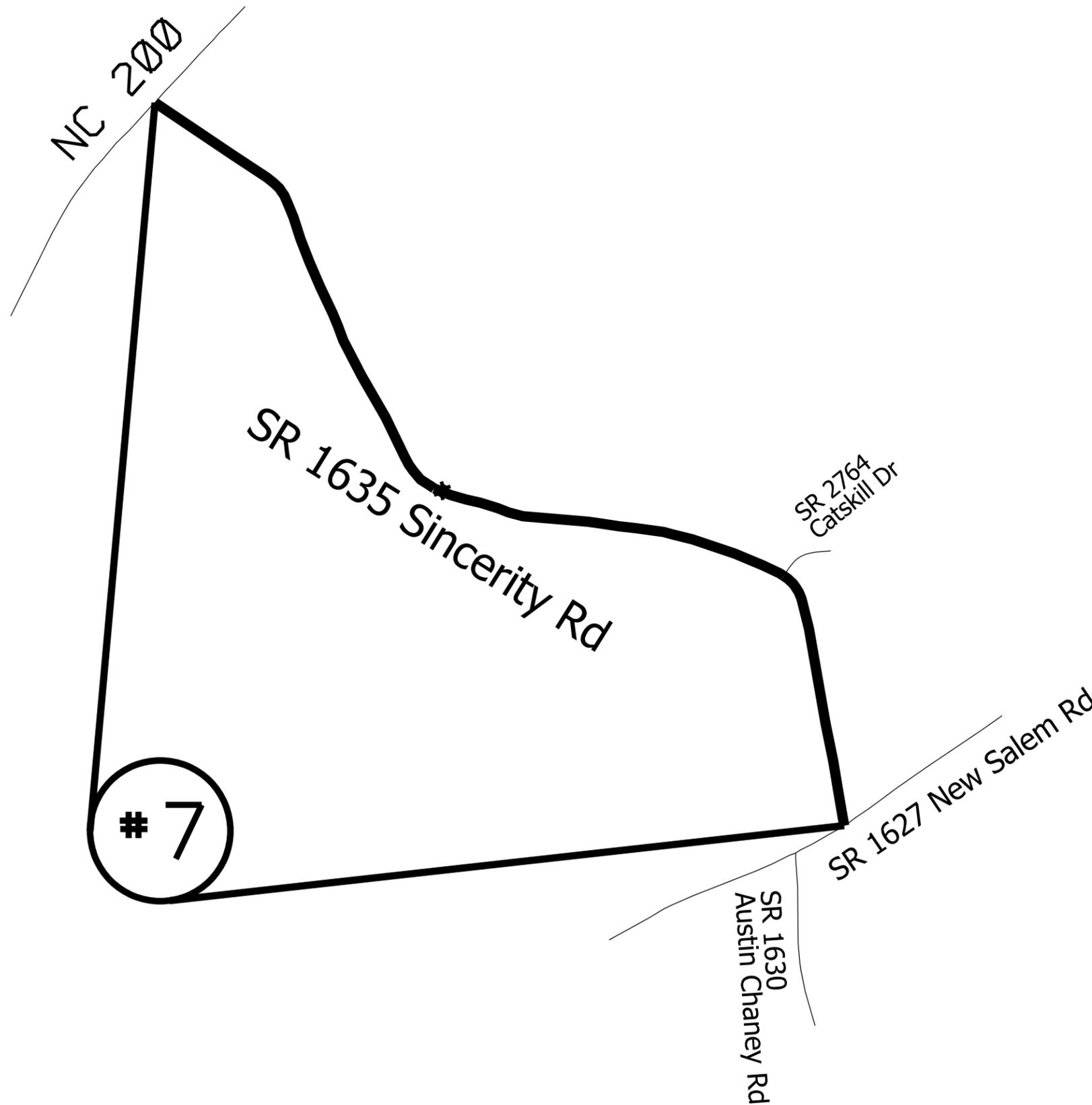
MAP #6 SR 1658 NEW HOPE CHURCH RD  
 1.62 MILES  
 FROM SR 1627 NEW SALEM RD  
 TO SR 1657 HAIGLER GIN RD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	6	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS  
 UNION COUNTY  
 NORTH CAROLINA  
PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #7 SR 1635 SINCERITY RD  
 1.81 MILES  
 FROM NC 200  
 TO SR 1627 NEW SALEM RD



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	7	
F.A. PROJECT NO.			

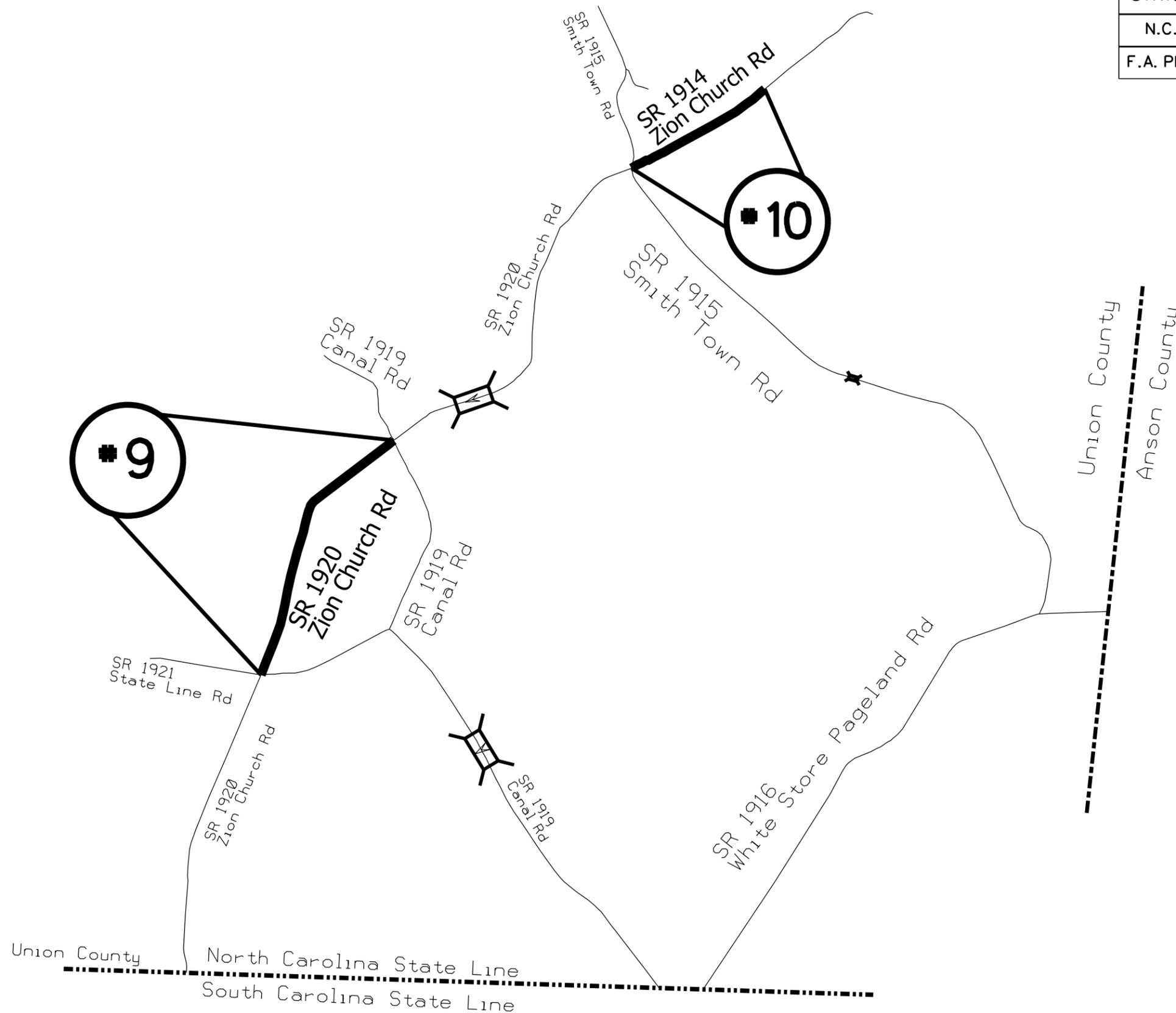


ENLARGED MUNICIPAL AND SUBURBAN AREAS  
**UNION COUNTY**  
 NORTH CAROLINA

PREPARED BY THE  
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #9 SR 1920 ZION CHURCH RD  
 .89 MILES  
 FROM SR 1921 STATE LINE RD  
 TO SR 1919 CANAL RD

MAP #10 SR 1914 ZION CHURCH RD  
 .48 MILES  
 FROM SR 1915 SMITH TOWN RD  
 TO END OF MAINTENANCE



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	8	
F.A. PROJECT NO.			



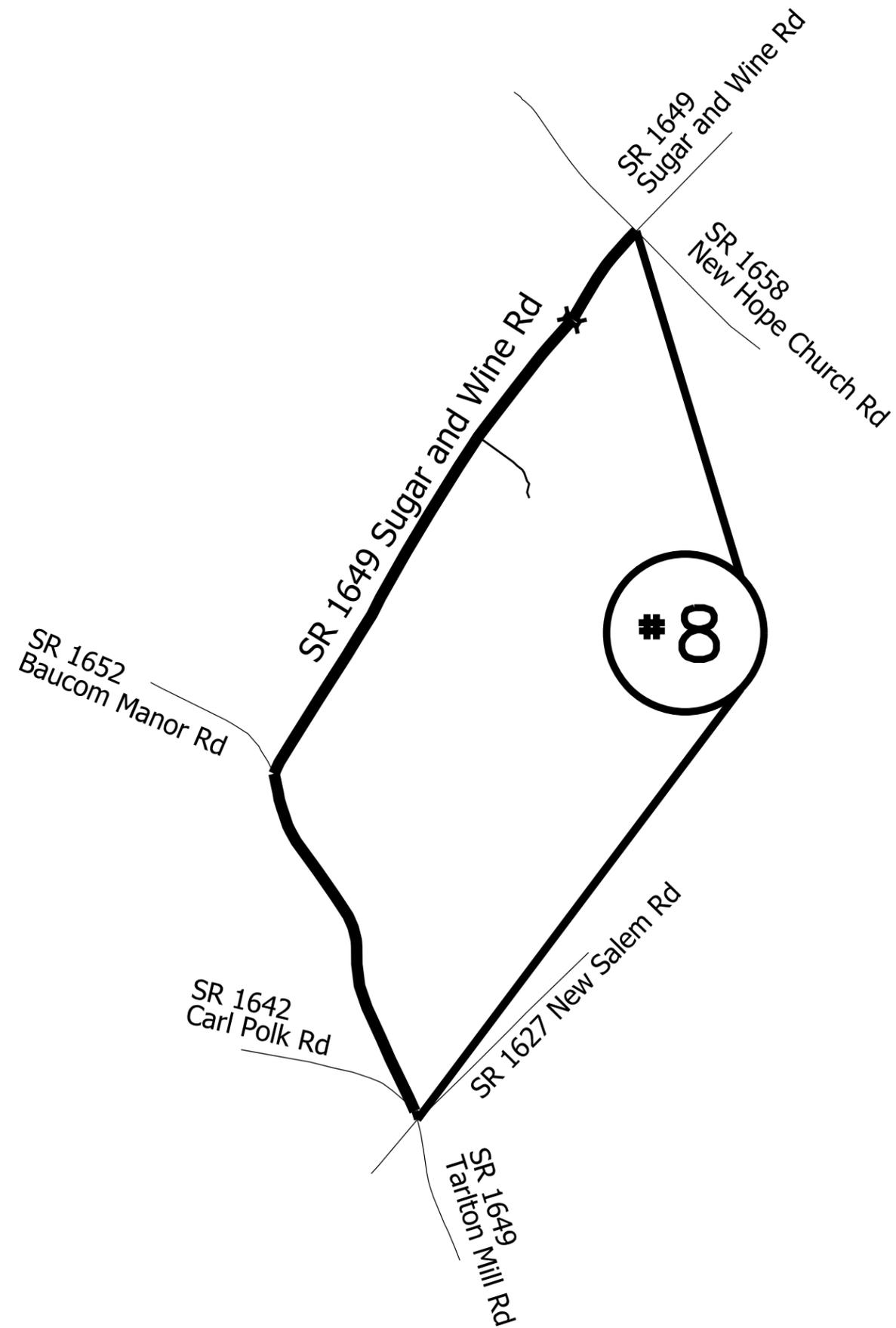
ENLARGED MUNICIPAL AND SUBURBAN AREAS

# UNION COUNTY

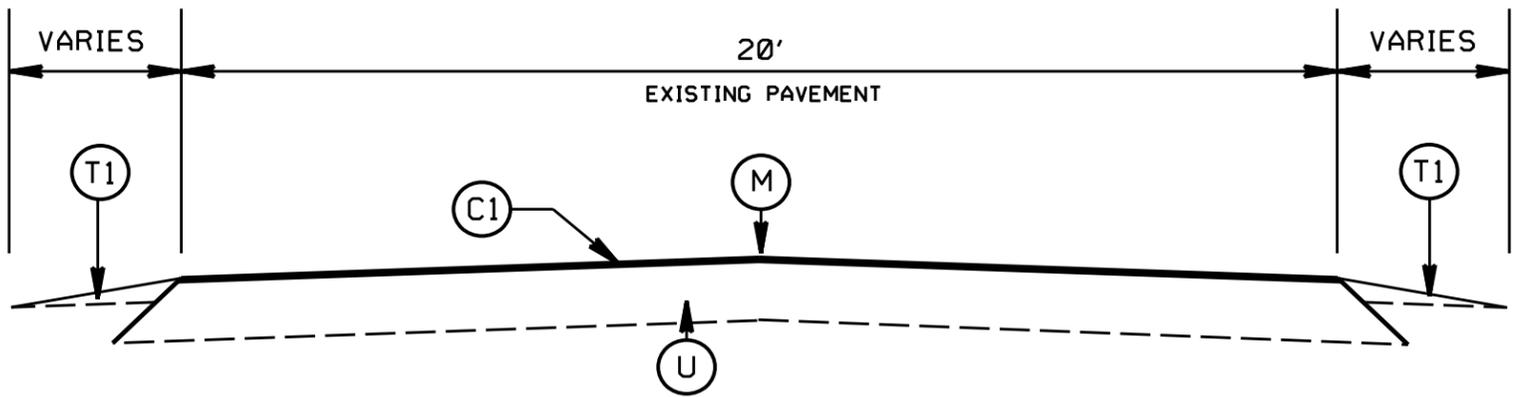
NORTH CAROLINA

PREPARED BY THE  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

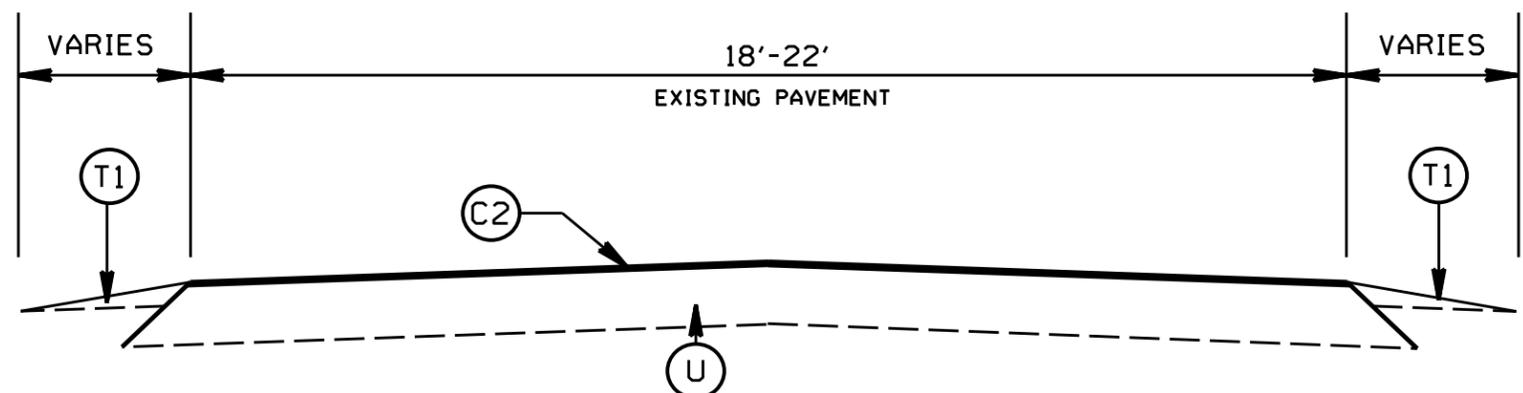
MAP #8 SR 1649 SUGAR AND WINE RD  
1.96 MILES  
FROM SR 1627 NEW SALEM RD  
TO SR 1658 NEW HOPE CHURCH RD



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	9	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1  
 SR 1006 OLIVE BRANCH RD (MAP 4)  
 APPROX. STA. 10+00 TO STA. 87+43  
 APPROX. STA. 88+43 TO STA. 258+69



TYPICAL SECTION NO. 2  
 NC 205 (MAP 1)  
 APPROX. STA. 10+00 TO STA. 69+77  
 APPROX. STA. 71+95 TO STA. 107+15  
 SR 1002 ANSONVILLE RD (MAP 2)  
 SR 1627 NEW SALEM RD (MAP 3)  
 APPROX. STA. 10+00 TO STA. 42+07  
 APPROX. STA. 44+47 TO STA. 111+90

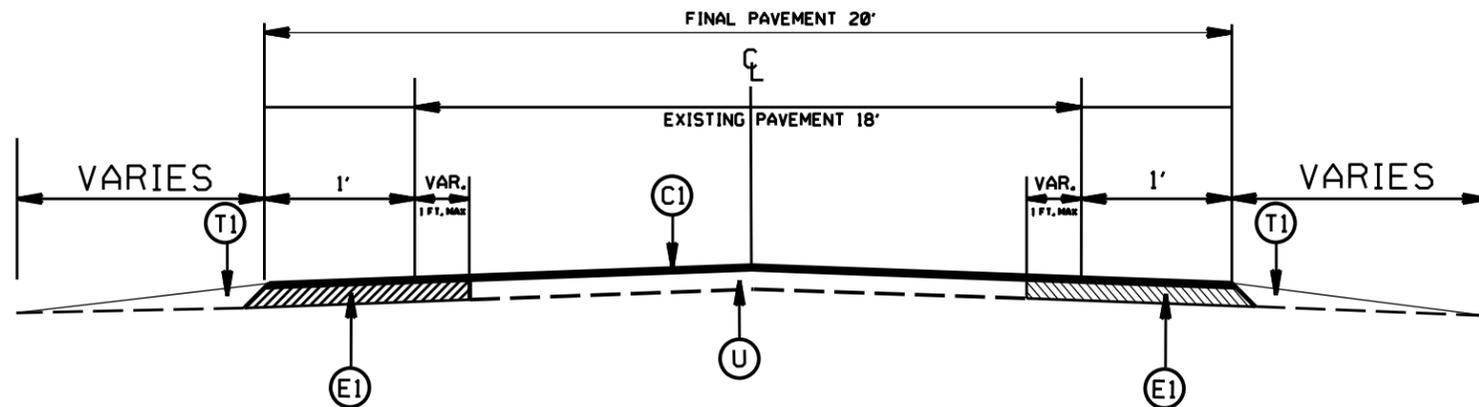
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(F1)	ASPHALT SURFACE TREATMENT, SINGLE SEAL
(M)	CENTERLINE MILLED RUMBLE STRIPS
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	INCIDENTAL MILLING OF EXISTING ASPHALT RIDING SURFACE ON BRIDGE 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

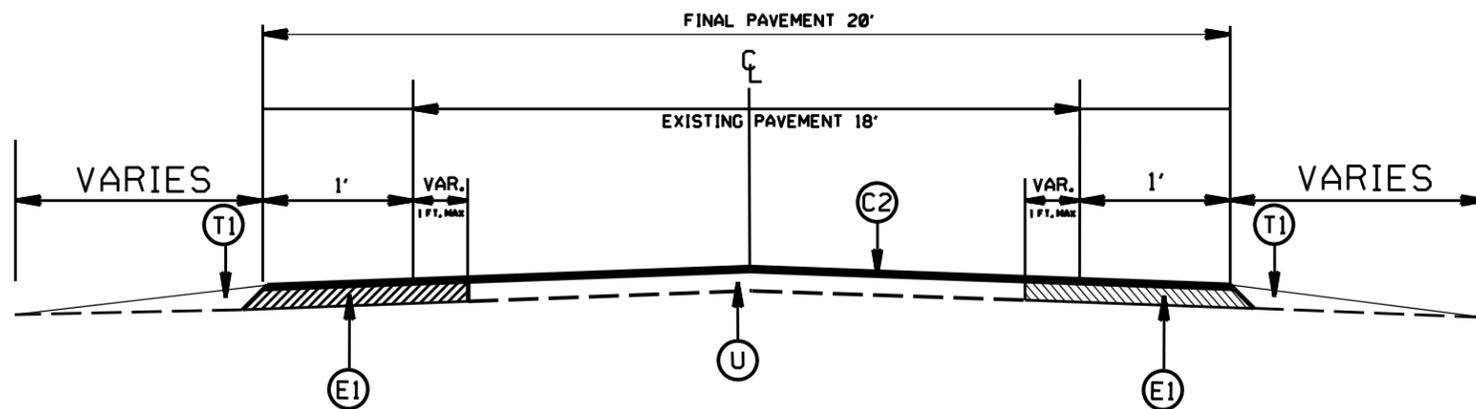
2026  
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	1/20		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	10	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 3  
SR 1635 SINCERITY RD (MAP 7)  
SR 1649 SUGAR AND WINE RD (MAP 8)



TYPICAL SECTION NO. 4  
SR 1657 NEW HOPE CH RD (MAP 5)  
APPROX. STA. 10+00 TO STA. 62+34  
APPROX. STA. 64+74 TO STA. 69+14  
SR 1657 NEW HOPE CH RD (MAP 6)

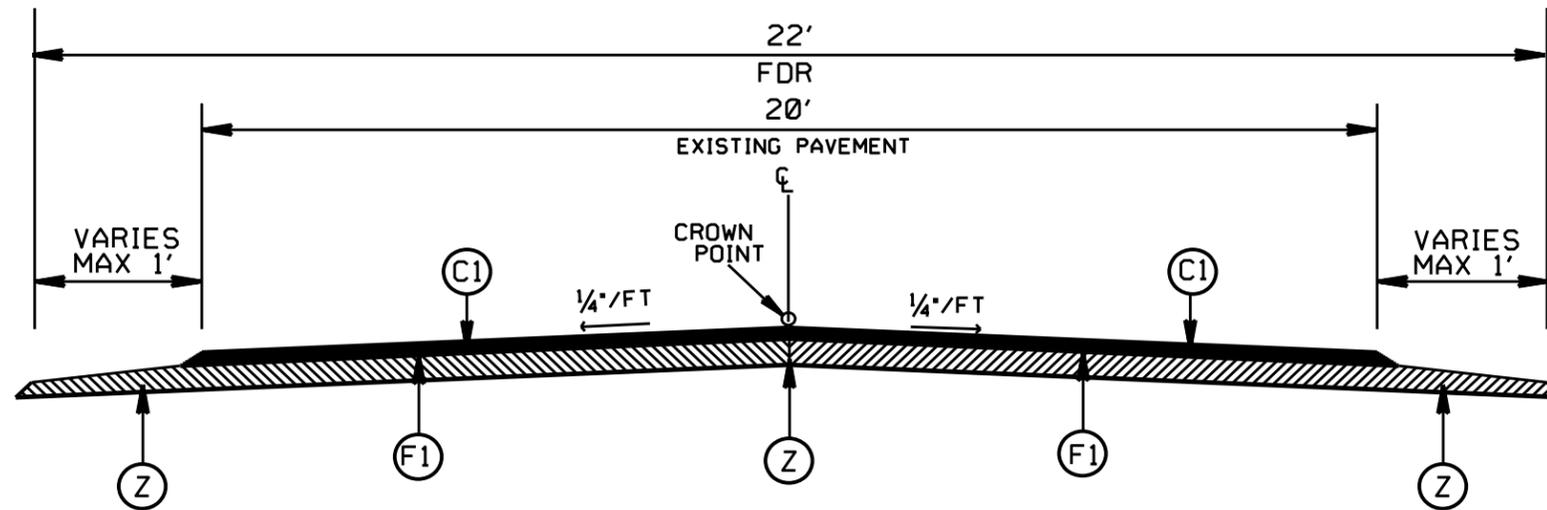
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(F1)	ASPHALT SURFACE TREATMENT, SINGLE SEAL
(M)	CENTERLINE MILLED RUMBLE STRIPS
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	INCIDENTAL MILLING OF EXISTING ASPHALT RIDING SURFACE ON BRIDGE 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

2026  
UNION COUNTY RESURFACING

SCALE	-N/A-		REVISIONS	
DATE	1/20			
DWG. BY	AMO			
DESIGN BY	AMO			
APPROVED	CLA			

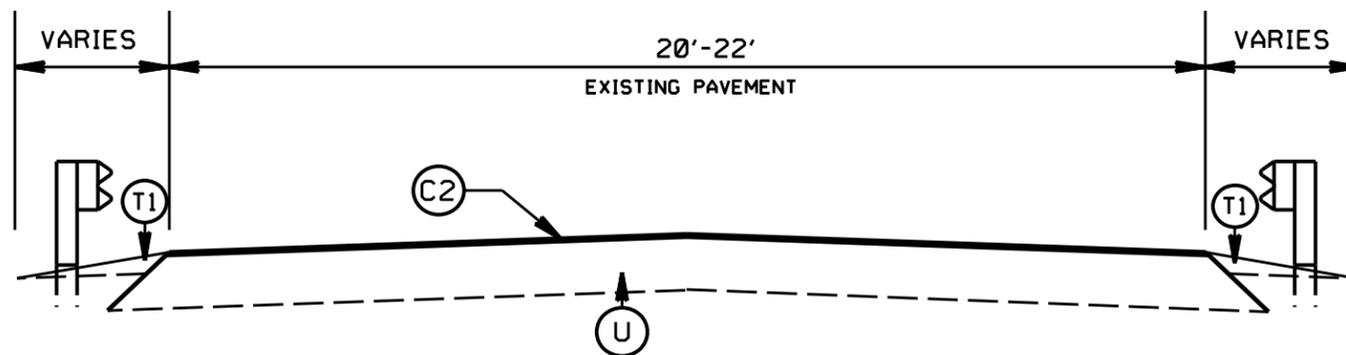
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	11	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 5  
SR 1920 ZION CHURCH RD (MAP 9)  
SR 1920 ZION CHURCH RD (MAP 10)

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(F1)	ASPHALT SURFACE TREATMENT, SINGLE SEAL
(M)	CENTERLINE MILLED RUMBLE STRIPS
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	INCIDENTAL MILLING OF EXISTING ASPHALT RIDING SURFACE ON BRIDGE 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

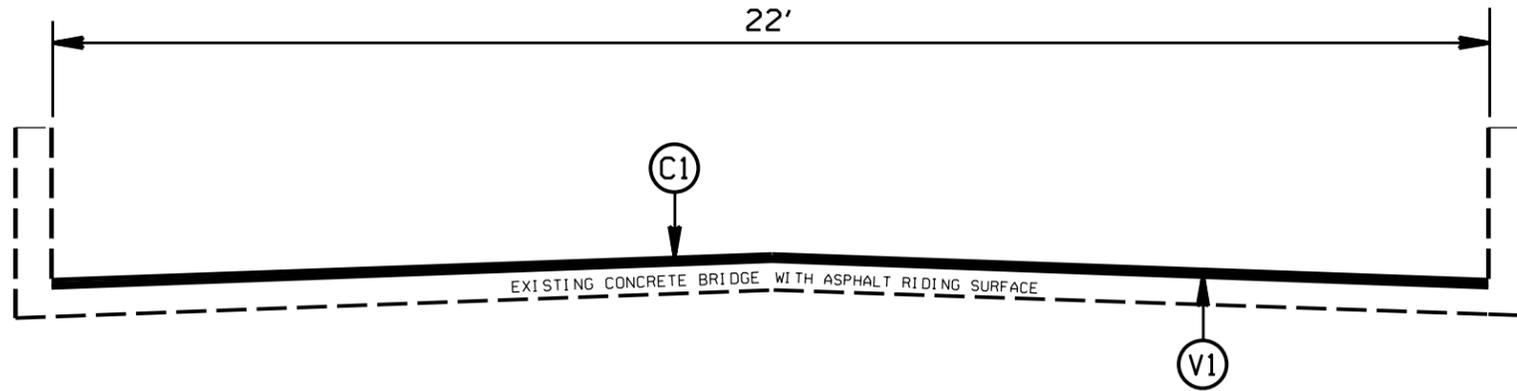


TYPICAL SECTION NO. 6  
SR 1657 NEW HOPE CH RD (MAP 5)  
APPROX. STA. 62+34 TO STA. 63+09  
APPROX. STA. 63+99 TO STA. 64+74

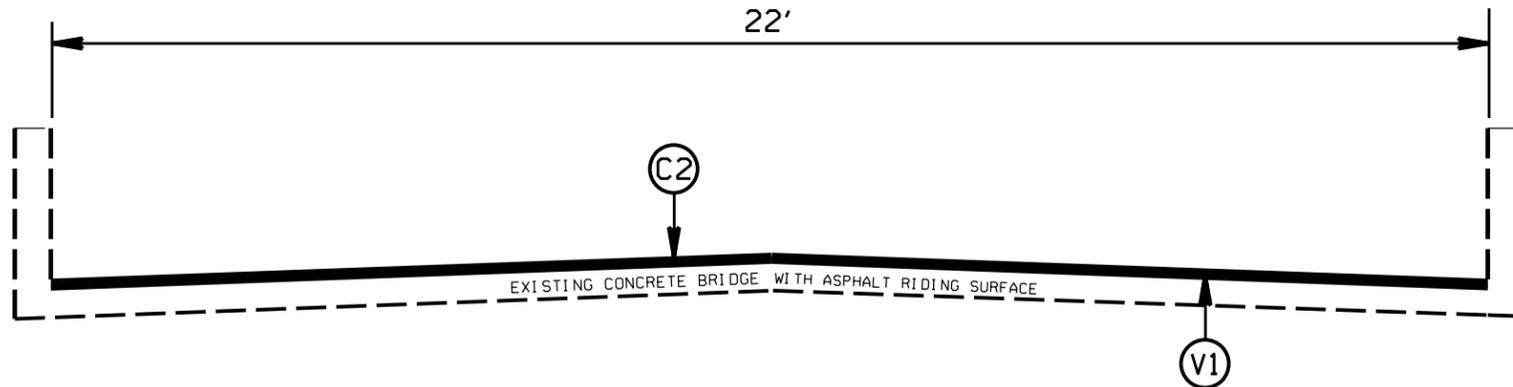
2026  
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	11/23		
DWG. BY	AJB		
DESIGN BY	AJB		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	12	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 7  
SR 1006 OLIVE BRANCH RD (MAP 4)  
APPROX. STA. 87+43 TO STA. 88+43



TYPICAL SECTION NO. 8  
NC 205 (MAP 1)  
APPROX. STA. 69+77 TO STA. 71+95  
SR 1627 NEW SALEM RD (MAP 3)  
APPROX. STA. 42+07 TO STA. 44+47  
SR 1658 NEW HOPE CHURCH RD (MAP 5)  
APPROX. STA. 63+09 TO STA. 63+99

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(F1)	ASPHALT SURFACE TREATMENT, SINGLE SEAL
(M)	CENTERLINE MILLED RUMBLE STRIPS
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	INCIDENTAL MILLING OF EXISTING ASPHALT RIDING SURFACE ON BRIDGE 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

2026  
UNION COUNTY RESURFACING

SCALE	DATE	DESIGN BY	APPROVED	REVISIONS
NA	11/23	AJB	CLA	



NOTES:

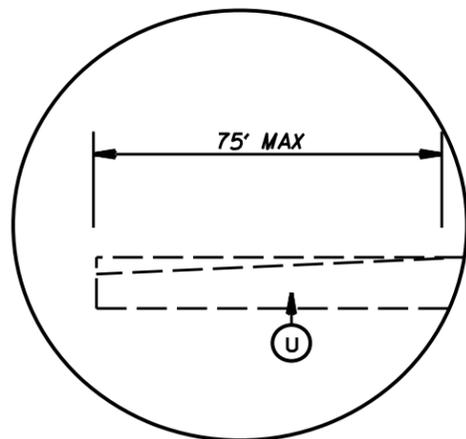
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	13	
F.A. PROJECT NO.			

1. DEPTH OF PATCHING WILL BE AS DETERMINED BY THE ENGINEER.
2. LEVELING WILL BE AS DETERMINED BY THE ENGINEER.
3. SHOULDER RECONSTRUCTION WILL BE AS IDENTIFIED BY THE ENGINEER.
4. PAVING LIMITS EXTEND TO PAVEMENT JOINT NORTH OF SR-1006 OLIVE BRANCH RD MP 5.4 (MAP 1)
5. INSTALL SINUSOIDAL CENTERLINE MILLED RUMBLE STRIPS WITH 6" THERMO MARKINGS ON MAP 4 (SR-1006 OLIVE BRANCH RD). SEE TYPICAL #1 AND RUMBLE STRIP DETAIL SHEET RS 1.
6. INCIDENTAL MILL EXISTING ASPHALT RIDING SURFACE ON BRIDGE 1.5" PRIOR TO PLACING 1.5" OVERLAY ON MAPS 1,3,4,5. PROTECT WEEP HOLES AND DRAIN HOLES ON BRIDGE STRUCTURES DURING ASPHALT OVERLAY. ENSURE WEEP AND DRAIN HOLES ARE UNOBSTRUCTED AND FUNCTIONAL IMMEDIATELY AFTER OVERLAY. IF WEEP OR DRAIN HOLES ARE DAMAGED DUE TO RESURFACING OPERATIONS, CONTACT NCDOT BEIDGE MAINTENANCE FOR REPAIR RECOMENDATIONS. REPAIR WILL BE AT THE CONTRACTORS EXPENSE.
7. MILL AS NEEDED TO ALLOW THE NEW ASPHALT OVERLAY TO MATCH THE EXISTING ASPHALT GRADE AT CONCRETE ISLANDS AND PROVIDE A SMOOTH CONNECTION MAINTAINING THE EXISTING REVEAL OF THE MONOLITHIC CONCRETE ISLAND.

2026 UNION COUNTY RESURFACING		
SCALE	-N/A-	REVISIONS
DATE	01/20	
DWG. BY	AJB	
DESIGN BY	AJB	
APPROVED	CLA	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	14	

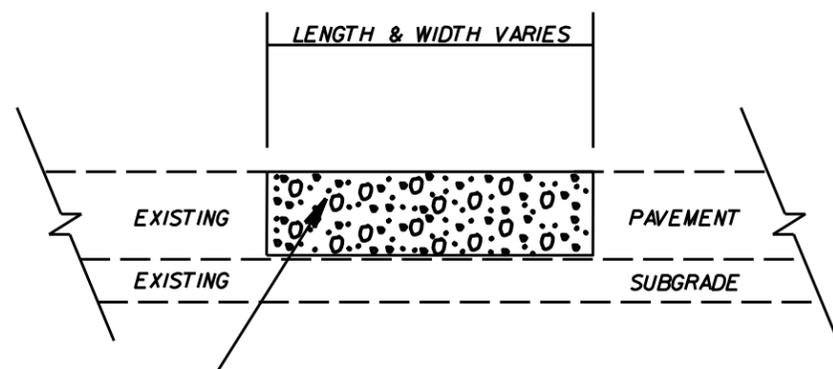


DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(F1)	ASPHALT SURFACE TREATMENT, SINGLE SEAL
(M)	CENTERLINE MILLED RUMBLE STRIPS
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	INCIDENTAL MILLING OF EXISTING ASPHALT RIDING SURFACE ON BRIDGE 1.5" DEPTH.
(Z)	FULL DEPTH RECLAMATION

PATCHING DETAIL



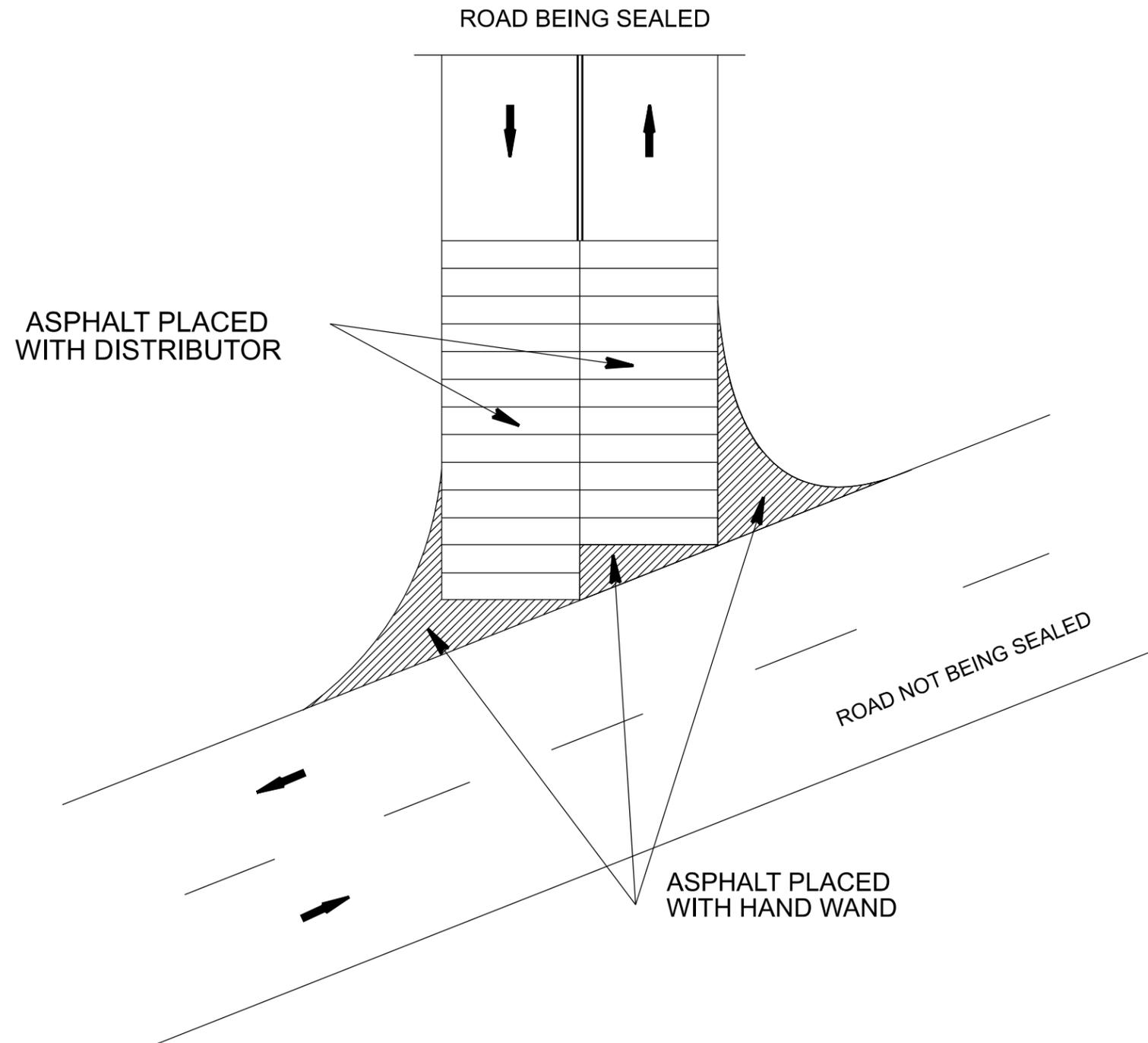
RATE IS VARIABLE AND SHALL BE AS DIRECTED BY THE ENGINEER. ASPHALT TYPE 119.0C SHALL BE PLACED.

2026  
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	1/20			
DWG. BY	AMO			
DESIGN BY	AMO			
APPROVED	CLA			

# INTERSECTION EMULSION PLACEMENT TWO LANE TWO WAY ROADWAY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	15	
F.A. PROJECT NO.			



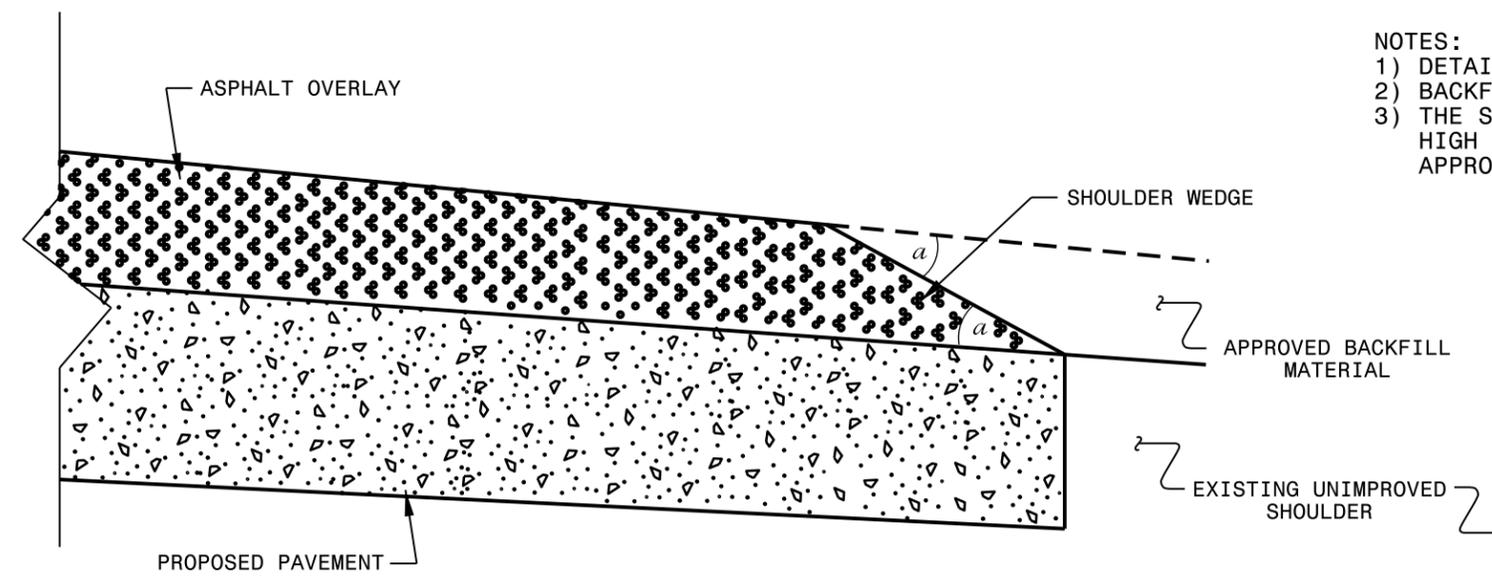
- LEGEND**
- DIRECTION OF TRAFFIC FLOW
  - SKIP LINES
  - DOUBLE YELLOW LINES

<i>INTERSECTION EMULSION PLACEMENT</i>		
SCALE	-NA-	REVISIONS
DATE	9/19	
DWG. BY	TBL	
DESIGN BY	TBL	
APPROVED	TWB	

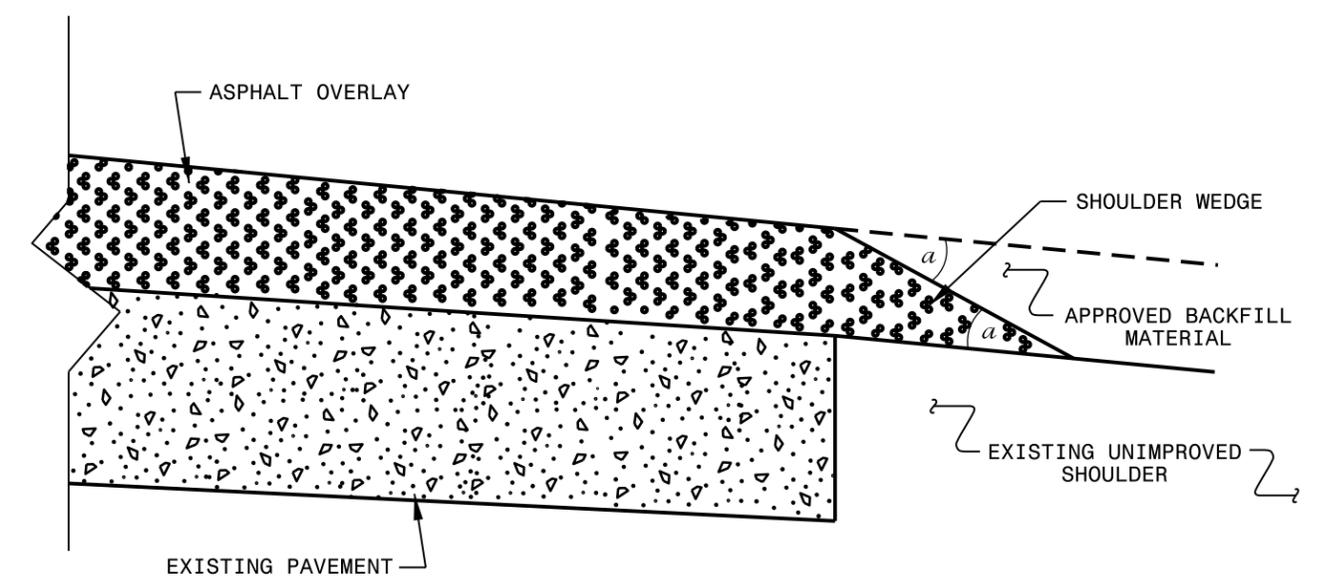




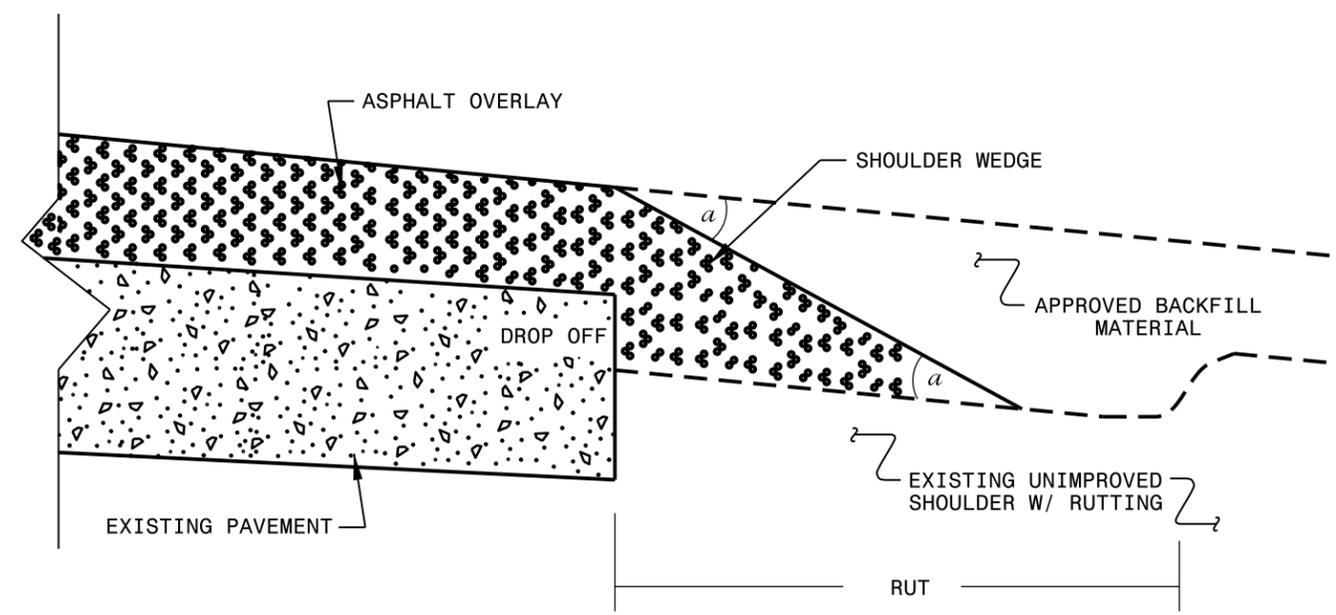
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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



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



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

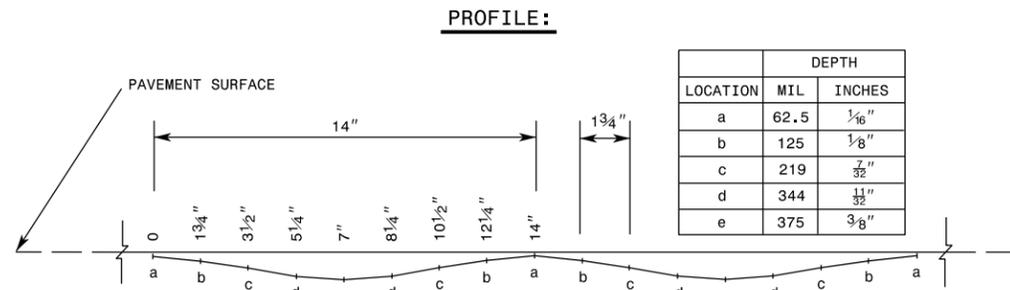
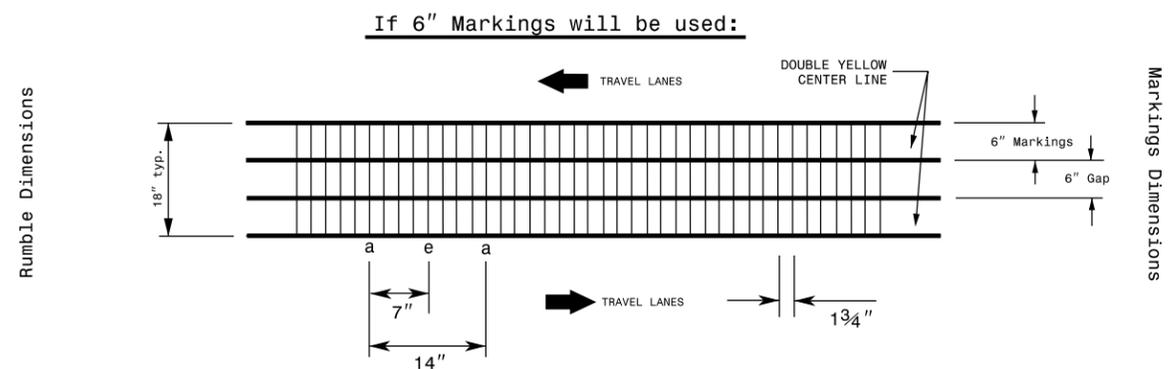
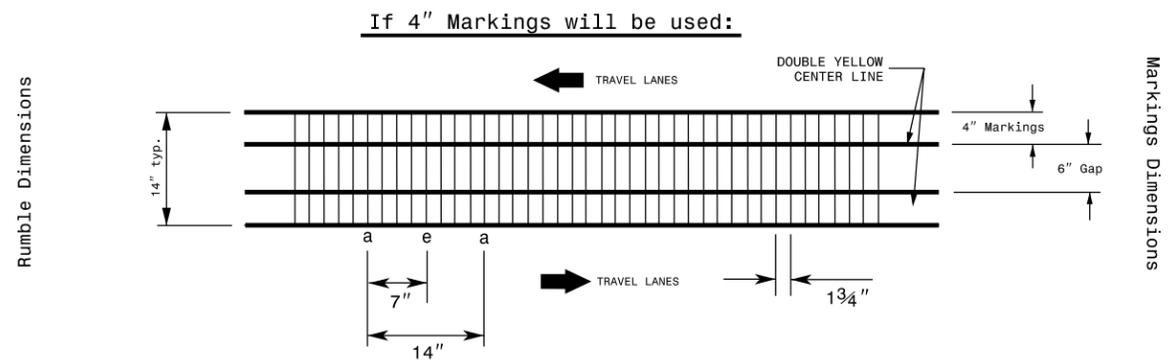
- SHOULDER WEDGE ANGLE = 30°

\$\$\$\$SYTIME\$\$\$\$  
 \$\$\$USERNAME\$\$\$

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

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

See Table 2 within Rumble Strip Policy for Design Guidance



REFERENCE DRAWING ID: Sin.CL

NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

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

ROADWAY DETAIL DRAWING FOR  
**RUMBLE STRIPS / STRIPES**  
SINUSOIDAL CENTERLINE RUMBLE STRIPE

SHEET 6 OF 9

**CONTRACTS STANDARDS  
AND DEVELOPMENT UNIT**  
Office 919-707-8950 FAX 919-250-4119

2026 Union County Resurfacing

ORIGINAL BY: <b>C. SIMPSON</b>	DATE: <b>04-24-2025</b>
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: _____	



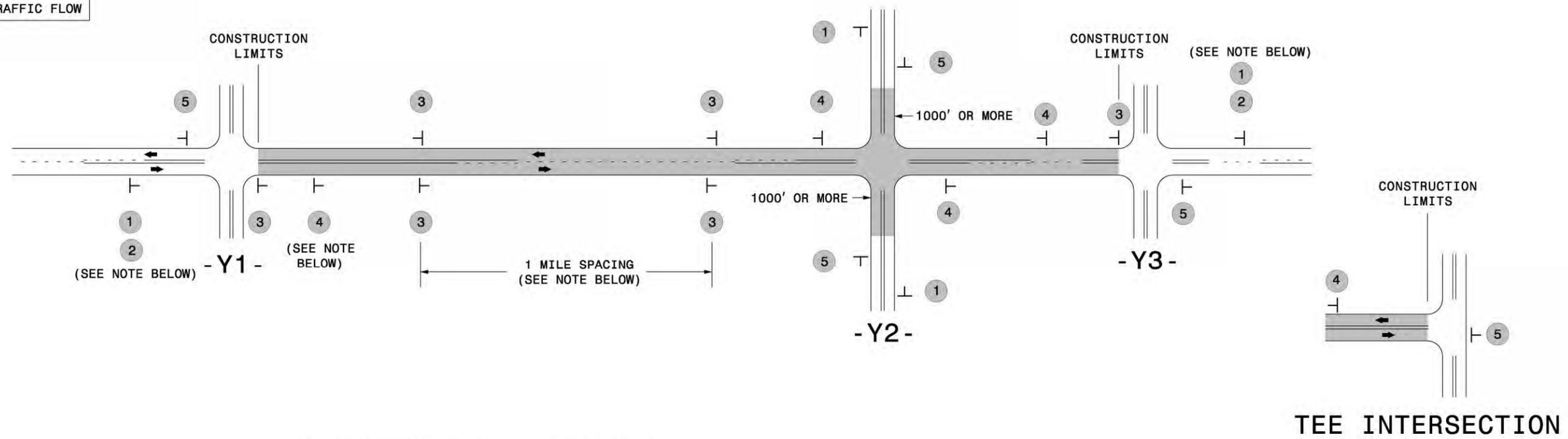
PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.10.15.10901 2026CPT.10.15.20901 2026CPT.10.15.20902	20	

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4457000000-N	4685000000-E	4688000000-E	4709000000-E	4720000000-E	4810000000-E	4895000000-N					
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	THERMO MSG STOP 90 M	THERMO MSG AHEAD 90 M	4" WHITE PAINT	4" YELLOW PAINT	POLYCARBONATE H-SHAPED SNOWPLOWABLE DELINEATION MARKERS	
												SF	LS	LF	LF	LF	LF	EA	EA	LF	LF	EA		
2026CPT.10.15.10901	Union	1	NC-205 ROUTE ID 30000205090	FROM SR 1002 ANSONVILLE RD TO SR 1006 OLIVE BRANCH RD MP 3.56 TO MP 5.40	2,8	2	2WU	1.84	22	3.56	5.4	206	*	19,430	18,364			60	16	5		121		
TOTAL FOR MAP NO. 1								1.84				206		19,430	18,364			60	16	5		121		
TOTAL FOR PROJ NO. 2026CPT.10.15.10901								1.84				206	*	19,430	18,364			60	16	5		121		
												37,794				21								
2026CPT.10.15.20901	Union	2	SR-1002 ANSONVILLE RD ROUTE ID 40001002090	FROM SR 1719 MARSHVILLE-OLIVE BRANCH RD TO SR 1720 LANESBORO RD MP 8.76 TO MP 9.79	2	2	2WU	1.03	18	8.76	9.79	115								21,752	21,752			
TOTAL FOR MAP NO. 2								1.03				115									21,752	21,752		
2026CPT.10.15.20901	Union	3	SR-1627 NEW SALEM RD ROUTE ID 40001627090	FROM NC 200 TO SR 1633 RILLA HAMILTON RD MP 0.00 TO MP 1.93	2,8	2	2WU	1.93	22	0	1.93	217		20,380	16,142		40	24	10					
TOTAL FOR MAP NO. 3								1.93				217		20,380	16,142		40	24	10					
2026CPT.10.15.20901	Union	4	SR-1006 OLIVE BRANCH RD ROUTE ID 40001006090	FROM NC 205 TO SR 1719 MARSHVILLE-OLIVE BRANCH RD MP 9.12 TO MP 13.83	1,7	2	2WU	4.71	20	9.12	13.83	528				49,734	44,894		4	5				
TOTAL FOR MAP NO. 4								4.71				528				49,734	44,894		4	5				
2026CPT.10.15.20901	Union	5	SR-1658 NEW HOPE CHURCH RD ROUTE ID 40001658090	FROM NC 205 TO SR 1627 NEW SALEM RD MP 0.00 TO MP 1.12	4,6,8	2	2WU	1.12	20	0	1.12	125							4	5	23,656	23,656		
TOTAL FOR MAP NO. 5								1.12				125						4	5	23,656	23,656			
2026CPT.10.15.20901	Union	6	SR-1658 NEW HOPE CHURCH RD ROUTE ID 40001658090	FROM SR 1627 NEW SALEM RD TO SR 1657 HAIGLER GIN RD MP 1.12 TO MP 2.74	4	2	2WU	1.62	20	1.12	2.74	181	*						4	5	34,216	29,790		
TOTAL FOR MAP NO. 6								1.62				181						4	5	34,216	29,790			
2026CPT.10.15.20901	Union	7	SR-1635 SINCERITY RD ROUTE ID 40001635090	FROM NC 200 TO SR 1627 NEW SALEM RD MP 0.00 TO MP 1.81	3	2	2WU	1.81	20	0	1.81	203									38,228	38,228		
TOTAL FOR MAP NO. 7								1.81				203										38,228	38,228	
2026CPT.10.15.20901	Union	8	SR-1649 SUGAR AND WINE RD ROUTE ID 40001649090	FROM SR 1627 HEW SALEM RD TO SR 1658 NEW HOPE CH RD MP 5.13 TO MP 7.09	3	2	2WU	1.96	20	5.13	7.09	220									41,396	37,676		
TOTAL FOR MAP NO. 8								1.96				220										41,396	37,676	
2026CPT.10.15.20901	Union	9	SR-1920 ZION CHURCH RD ROUTE ID 40001920090	FROM SR 1921 STATE LINE RD TO SR 1919 CANAL RD MP 1.27 TO MP 2.15	5	2	2WU	0.89	20	1.27	2.16	100												
TOTAL FOR MAP NO. 9								0.89				100												
2026CPT.10.15.20901	Union	10	SR-1914 ZION CHURCH RD ROUTE ID 40001914090	FROM SR 1921 SMITH TOWN RD TO EOM MP 0.00 TO MP 0.48	5	2	2WU	0.48	20	0	0.48	54												
TOTAL FOR MAP NO. 10								0.48				54												
TOTAL FOR PROJ NO. 2026CPT10.15.20901								15.55				1,743	*	20,380	16,142	49,734	44,894	40	36	25	159,248	151,102		
												36,522		94,628		61		310,350						
2026CPT.10.15.20902	Union	9	SR-1920 ZION CHURCH RD ROUTE ID 40001920090	FROM SR 1921 STATE LINE RD TO SR 1919 CANAL RD MP 1.27 TO MP 2.15	5	2	2WU	0.89	20	1.27	2.16													
TOTAL FOR MAP NO. 9								0.89																
2026CPT.10.15.20902	Union	10	SR-1914 ZION CHURCH RD ROUTE ID 40001914090	FROM SR 1921 SMITH TOWN RD TO EOM MP 0.00 TO MP 0.48	5	2	2WU	0.48	20	0	0.48													
TOTAL FOR MAP NO. 10								0.48																
TOTAL FOR PROJ NO. 2026CPT10.15.20902								1.37																
GRAND TOTAL								18.76				1,949	1,000	39,810	34,506	49,734	44,894	100	52	30	159,248	151,102	121	
												74,316		94,628		82		310,350						

# SIGNING FOR RESURFACING PROJECTS

**LEGEND**  
 ┆ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

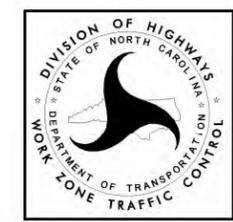
## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             W20-1 48" X 48"            PLACED 500' IN ADVANCE OF FLAGGER.         </div> <div style="text-align: center;">             W20-7 A 48" X 48"            PLACED 250' IN ADVANCE OF FLAGGER.         </div> </div>
	2		#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)	
	3		- 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		- 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		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.

**MAPS LESS THAN 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.

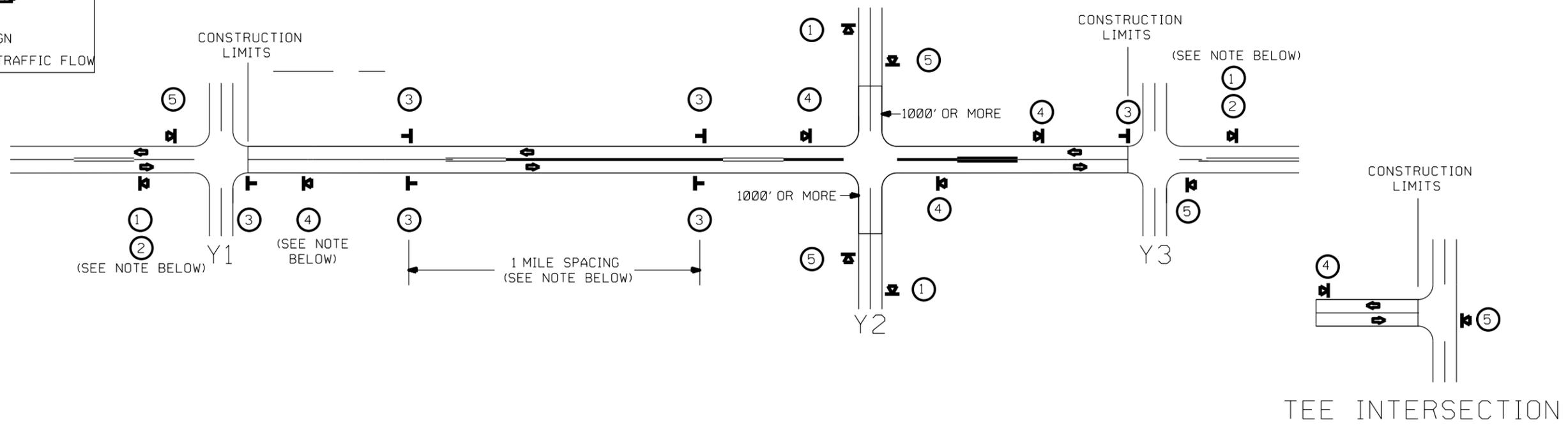


**ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING**

# SIGNING FOR ASPHALT SURFACE TREATMENT

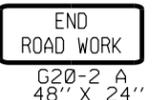
**LEGEND**

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	<p>①  W20-1 48" X 48"</p> <p>②  W7-3 24" X 18"</p> <p>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.</p>	<p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <p>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE                  2) SUBDIVISION ROADS                  3) DEAD END ROADS</p> <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">                   W20-1 48" X 48"                  PLACED 500' IN ADVANCE OF FLAGGER.             </div> <div style="text-align: center;">                   W20-7 A 48" X 48"                  PLACED 250' IN ADVANCE OF FLAGGER.             </div> </div>
	<p>③  W8-7 48" X 48"</p> <p> SP 48" X 48"</p> <p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
	<p>④  SP 13106 48" X 48"</p> <p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p>	
	<p>⑤  G20-2 A 48" X 24"</p> <p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	

MAPS LESS THAN 2 MILES

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.

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.



ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT