

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.12.10901 2023CPT.10.12.20901	1	

F.A. PROJECT NO.



ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

PREPARED BSYTHEHE

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

MAP #1 NC 75
2.78 MILES
FROM SOUTH CAROLINA STATE LINE
TO PAVEMENT JOINT AT
SR 1111 OLD PROVIDENCE ROAD

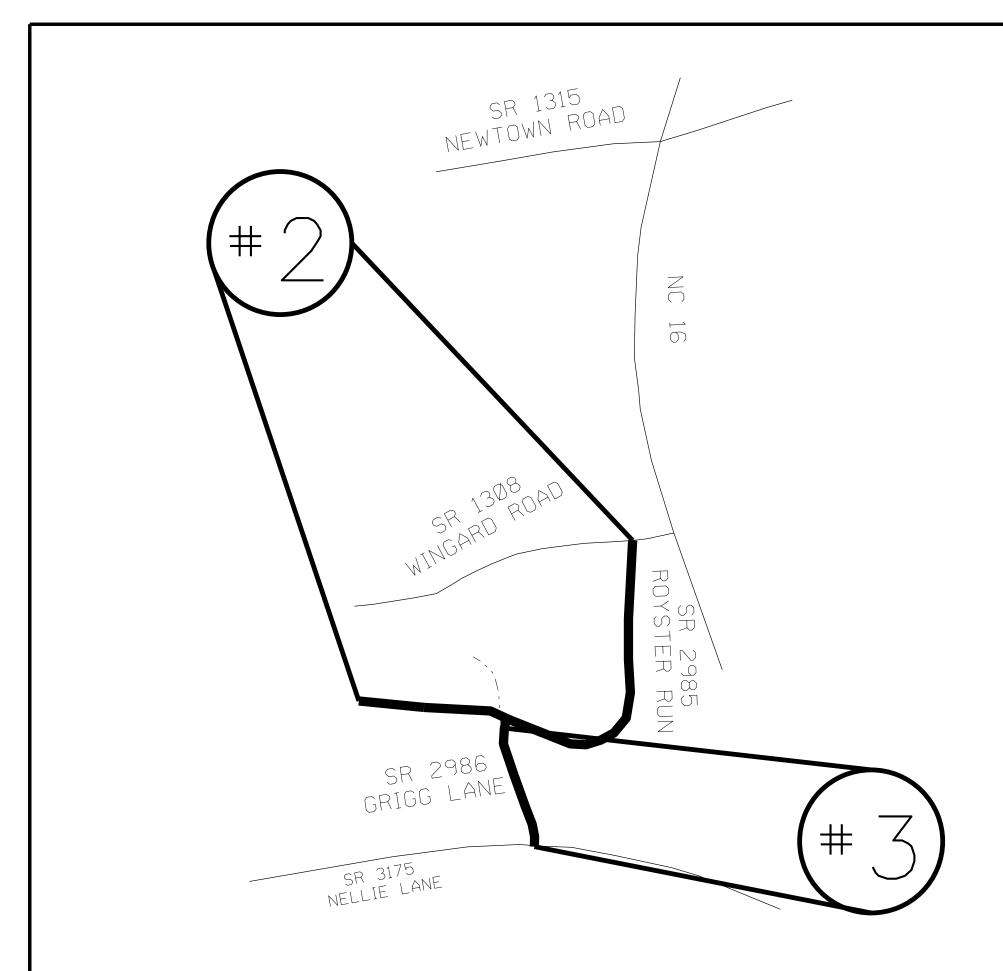
MAP #6 SR 1175 TRAILS END DRIVE Ø.27 MILES FROM NC 75 TO SR 1228 CHEROKEE TRAIL

MAP #7 SR 1228 CHEROKEE TRAIL

Ø.19 MILES

FROM SR 1175 TRAILS END DRIVE

TO CUL DE SAC



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	2023CPT.10.12.10901 2023CPT.10.12.20901	2	
F.A. PRO	JECT NO.		



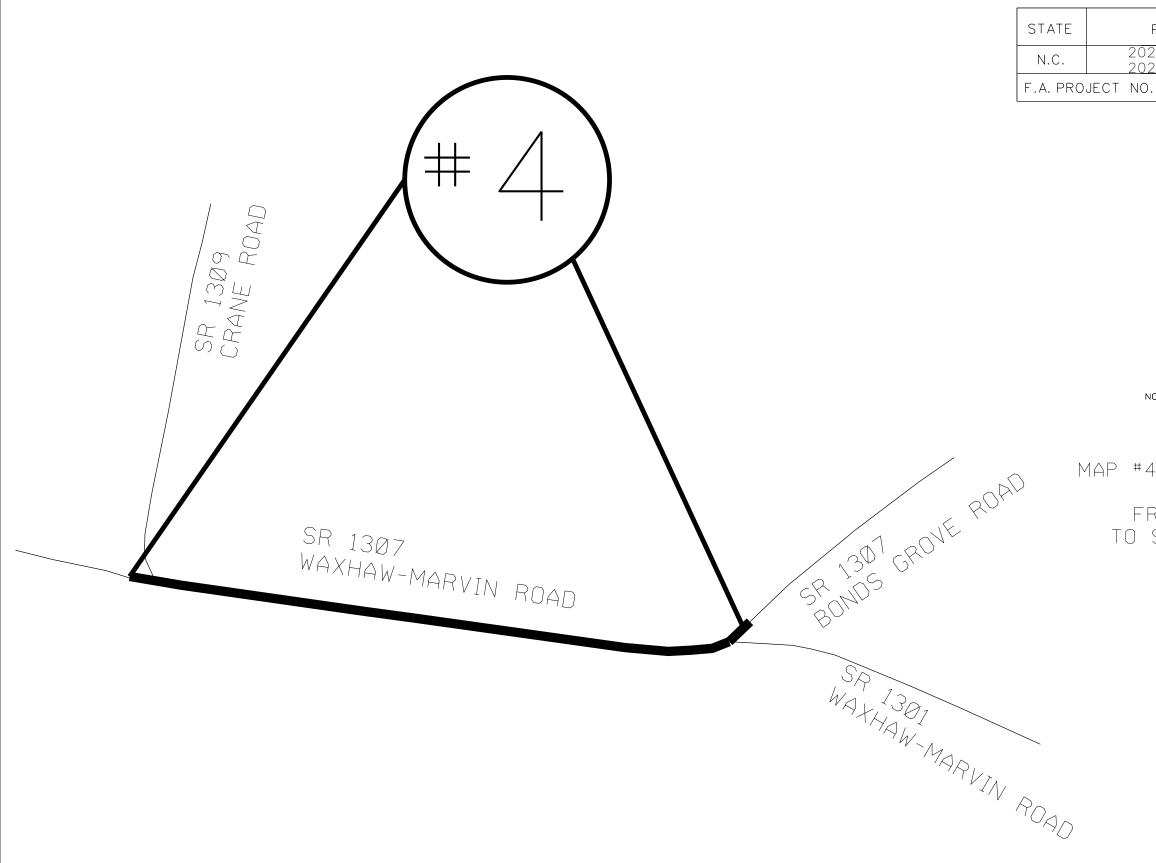
UNION COUNTY

NORTH CAROLINA

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

MAP # 2 SR 2985 ROYSTER RUN 0.4 MILES FROM SR 1308 WINGARD ROAD TO CUL DE SAC

MAP # 3 SR 2986 GRIGG LANE 0.25 MILES FROM SR 2985 ROYSTER RUN TO SR 3175 NELLIE LANE



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.12.10901 2023CPT.10.12.20901	3	
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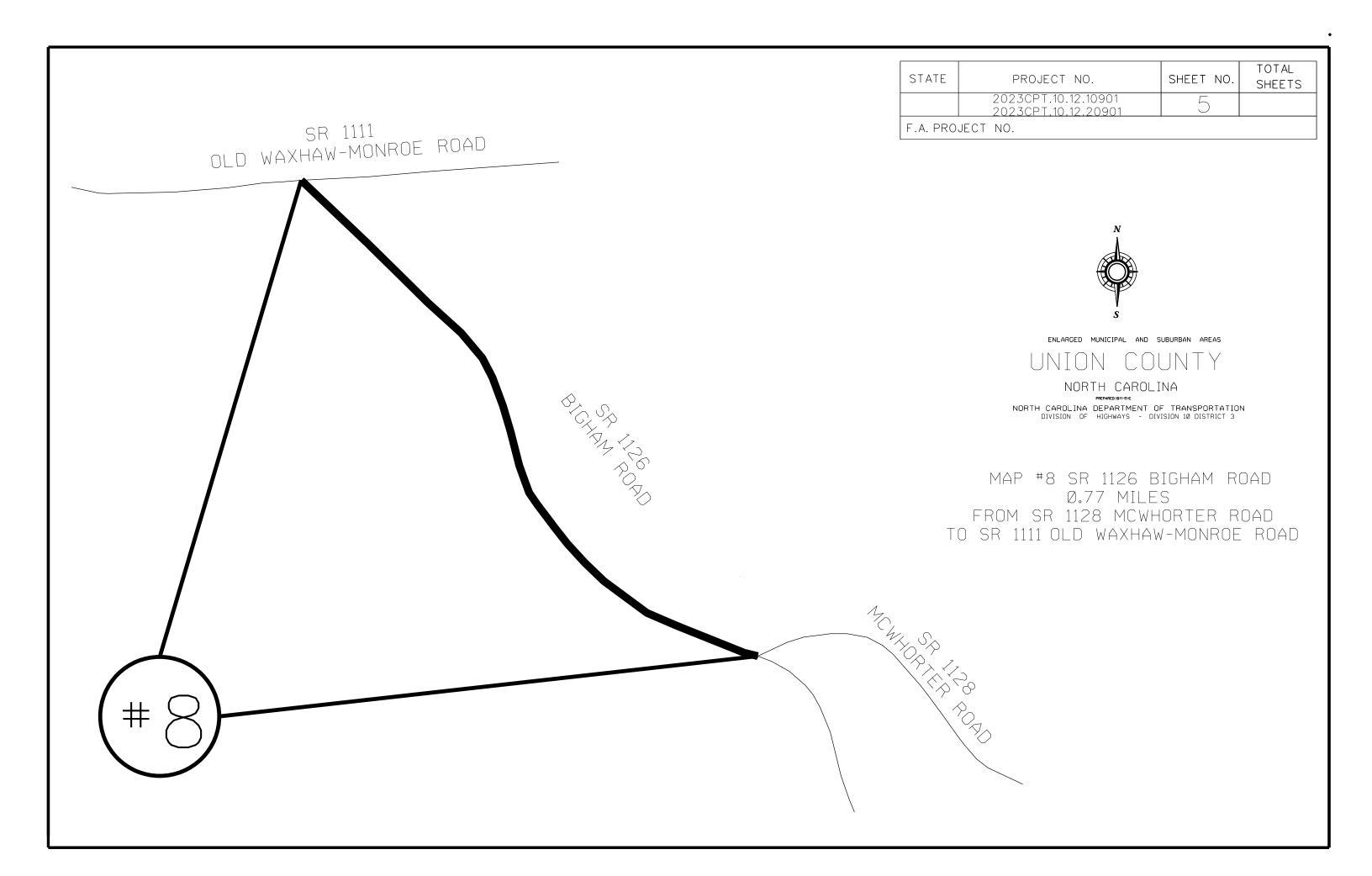
UNION COUNTY

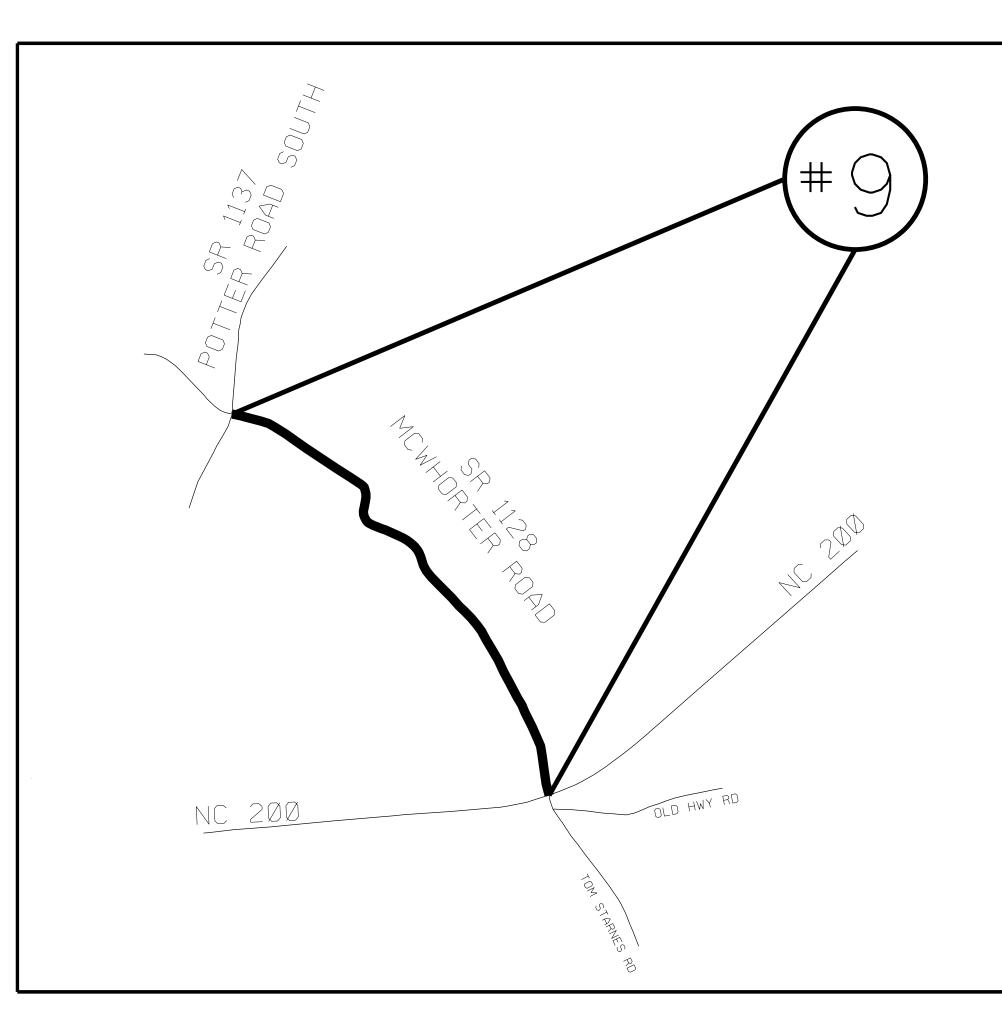
NORTH CAROLINA

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

MAP #4 SR 1307 WAXHAW-MARVIN ROAD
0.49 MILES
FROM SR 1309 CRANE ROAD
TO SR 1307 BONDS GROVE ROAD

	STATE PROJECT NO. SHEET NO. SHEETS 2023CPT.10.12.10901 2023CPT.10.12.20901 F.A. PROJECT NO.
#5	
PLEASANT G	ROVE CHURCH ROAD
	ENLARGED MUNICIPAL AND SUBURBAN AREAS UNION COUNTY NORTH CAROLINA
	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3 MAP #5 SR 1008 WAXHAW-INDIAN TRAIL ROAD
	Ø.73 MILES FROM PVMT JOINT AT BRIDGE TO SR 1327 PLEASANT GROVE CHURCH ROAD





STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	2023CPT.10.12.10901 2023CPT.10.12.20901	6	
F.A. PRO	JECT NO.		



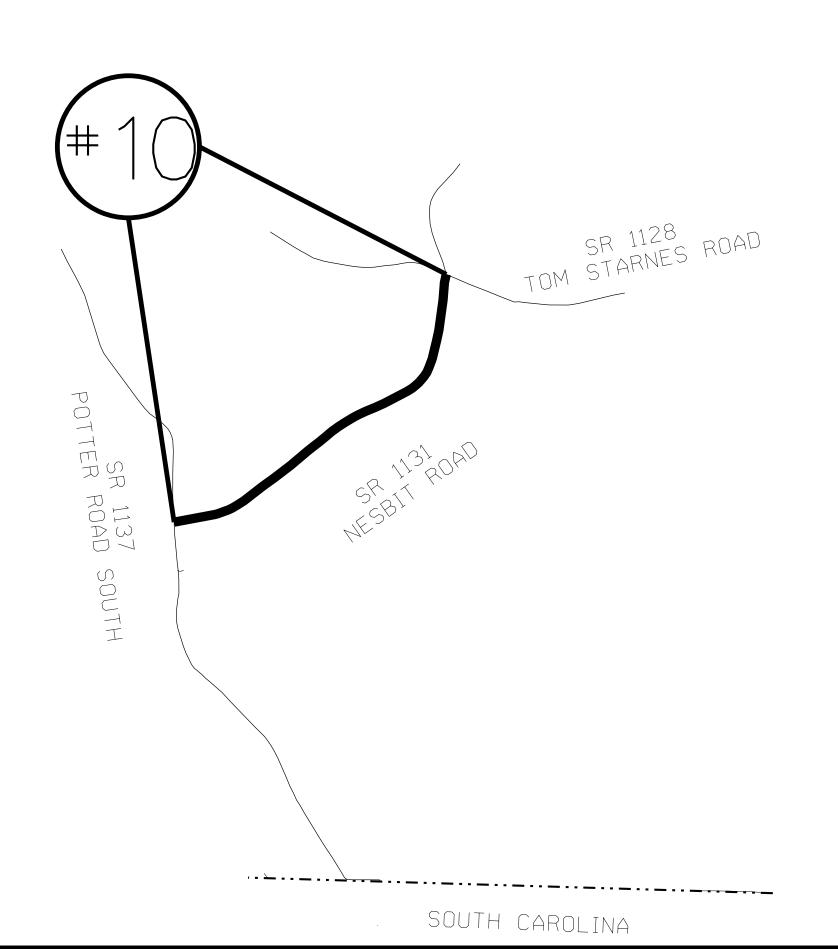
UNION COUNTY

NORTH CAROLINA

PREPAREDISTYVEHE

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

MAP #9 SR 1128 MCWHORTER ROAD 1.48 MILES FROM SR 1137 POTTER ROAD SOUTH TO NC 200



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	2023CPT.10.12.10901 2023CPT.10.12.20901	7	
F.A. PRO	JECT NO.		



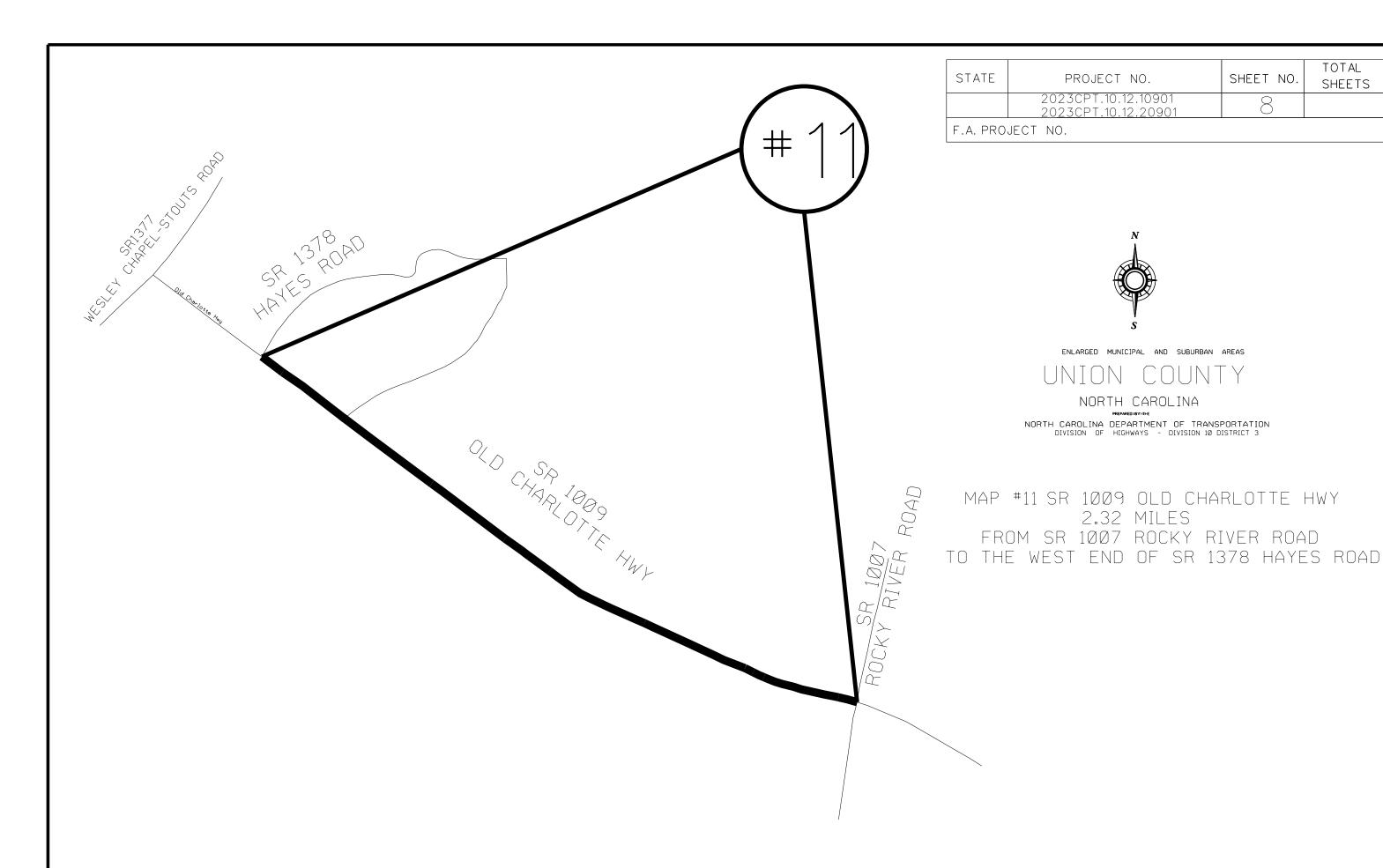
UNION COUNTY

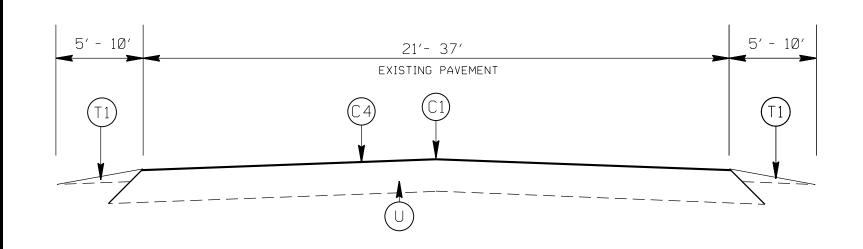
NORTH CAROLINA

PREPARED BRYTHEHE

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

MAP #10 SR 1131 NESBIT ROAD
1.39 MILES
FROM SR 1137 POTTER ROAD SOUTH
TO SR 1128 TOM STARNES ROAD





-	12' TRAVEL LANES	11' LEFT TURN LANES	12' Travel lanes	_
T1)	(C1) (V1)			
		(U)		

TYPICAL SECTION 2 NC 75 (MAP 1) APPROX. STA: 11Ø+85 TO 115+3Ø

SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER.

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N.C.	2023CPT.10.12.10901 2023CPT.10.12.20901	9	
F.A. PROJECT	NO.		

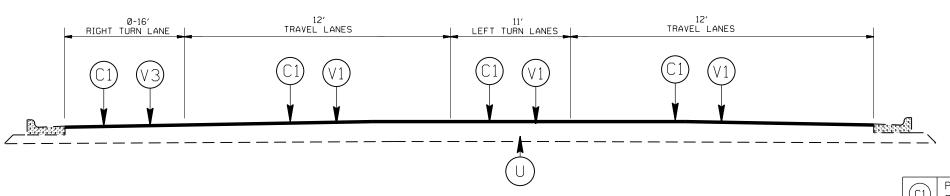
PAVEMENT SCHEDULE

C1	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SO. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE \$9.5C, AT AN AVERAGE RATE OF 168 LBS PER SQ. YD.
(C3)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS PER SQ. YD.
(C4)	ASPHALT SURFACE TREATMENT, MAT COAT # 67
(T1)	SHOULDER RECONSTRUCTION
(C)	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.
(V2)	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.
(V3)	INCIDENTAL MILLING (FULL WIDTH TURN LANES 500'OR LESS)

2023-2024 UNION COUNTY RESURFACING

SCALE -NADATE 1/20
DWG. BY AMO
DESIGN BY AMO

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 STATE
 PROJECT NO.
 SHEET NO.
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 N.C.
 2023CPT.10.12.10901 2023CPT.10.12.20901
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F.A. PROJECT NO.

PAVEMENT SCHEDULE

TYPICAL SECTION 3 NC 75 (MAP 1) APPROX. STA: 124+60 TO 136+20 PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE \$9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SO. YD.

PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE \$9.5C, AT AN AVERAGE RATE OF 168 LBS PER SO. YD.

PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE \$9.5B, AT AN AVERAGE RATE OF 165 LBS PER SO. YD.

ASPHALT SURFACE TREATMENT, MAT COAT # 67

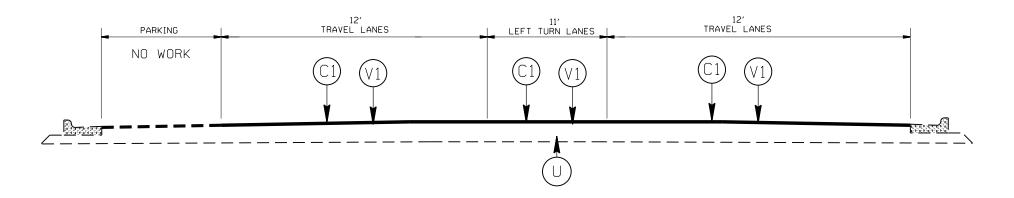
SHOULDER RECONSTRUCTION

U EXISTING PAVEMENT

V1 MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.

V2 MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.

V3 INCIDENTAL MILLING (FULL WIDTH TURN LANES 500" OR LESS)



TYPICAL SECTION 4 NC 75 (MAP 1)

> 2023-2024 UNION COUNTY RESURFACING

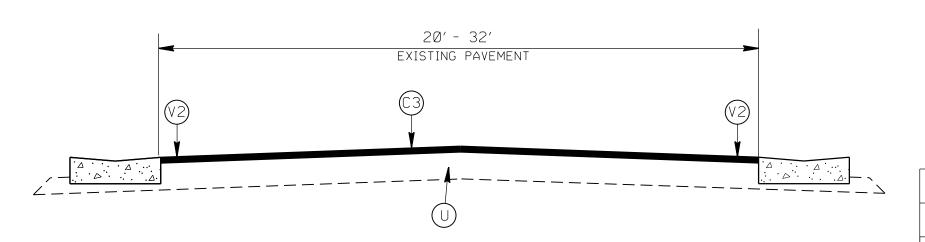
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 DWG. BY
 AMO

 DESIGN BY
 AMO

REVISIONS



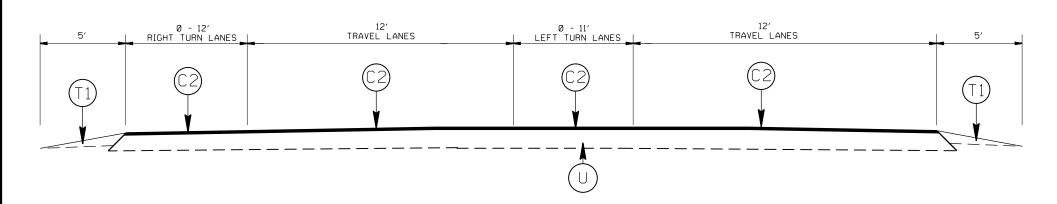
TYPICAL SECTION 5 SR 2985 ROYSTER RUN (MAP 2) SR 2986 GRIGG LANE (MAP 3)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.12.10901 2023CPT.10.12.20901	11	

F.A. PROJECT NO.

PAVEMENT SCHEDULE

- PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SO. YD.
- PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS PER SO. YD.
- PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS PER SO. YD.
- (C4) ASPHALT SURFACE TREATMENT, MAT COAT # 67
- (T1) SHOULDER RECONSTRUCTION
- (U) EXISTING PAVEMENT
- (V1) MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.
- (V2) MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.
- INCIDENTAL MILLING (FULL WIDTH TURN LANES 500' OR LESS)



TYPICAL SECTION 6 SR 1307 WAXHAW-MARVIN ROAD (MAP 4) APPROX. STA. 10+00 TO STA. 20+10

SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER.

2023-2024 UNION COUNTY RESURFACING

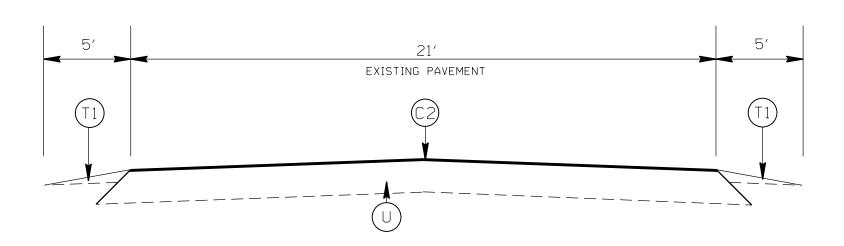
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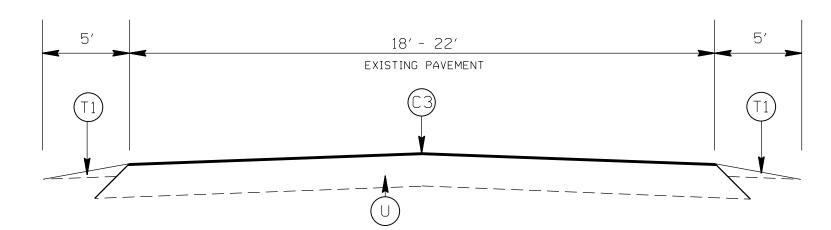
 DWG. BY
 AMO

 DESIGN BY
 AMO

REVISIONS



TYPICAL SECTION 7 SR 1307 WAXHAW-MARVIN ROAD (MAP 4) APPROX. STA. 20+10 TO END OF MAP



TYPICAL SECTION 8

SR 1175 TRAILS END (MAP 6)

SR 1228 CHEROKEE TRAIL (MAP 7)

SR 1126 BIGHAM ROAD (MAP 8)

SR 1128 MCWHORTER ROAD (MAP 9)

SR 1131 NESBIT ROAD (MAP 10)

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N.C.	2023CPT.10.12.10901 2023CPT.10.12.20901	12	

F.A. PROJECT NO.

PAVEMENT SCHEDULE

	I HYLMUNI SCHEDULL
C1	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER S0. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS PER SQ. YD.
(C3)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS PER SQ. YD.
(C4)	ASPHALT SURFACE TREATMENT, MAT COAT # 67
(T1)	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.
(V2)	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.
(V3)	INCIDENTAL MILLING (FULL WIDTH TURN LANES 500'OR LESS)

2023-2024 UNION COUNTY RESURFACING

 SCALE
 -NA

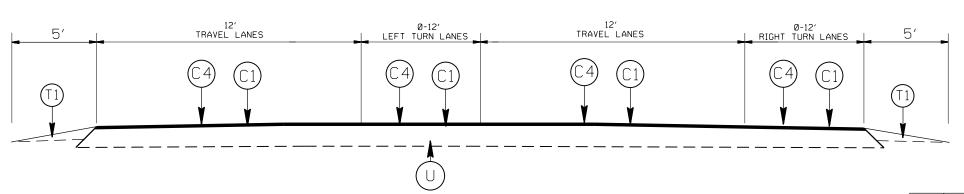
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 DESIGN BY
 AMO

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REVISIONS

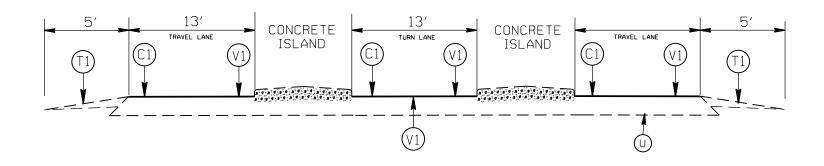


F.A. PROJECT NO.

PAVEMENT SCHEDULE

TYPICAL SECTION 9
SR 1007 OLD CHARLOTTE HWY (MAP 11)
APPROX. STA: 10+00 TO 55+80
APPROX. STA. 61+75 TO 141+62

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
(C3)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS PER S0. YD.
<u>C4</u>	ASPHALT SURFACE TREATMENT, MAT COAT # 67
T1	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.
(V2)	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.
(V3)	INCIDENTAL MILLING (FULL WIDTH TURN LANES 500'OR LESS)

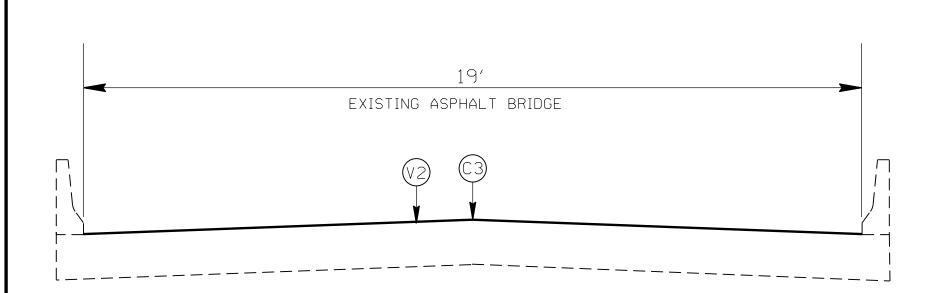


TYPICAL SECTION 10 SR 1007 OLD CHARLOTTE HWY (MAP 11) APPROX. STA. 55+80 TO 61+75

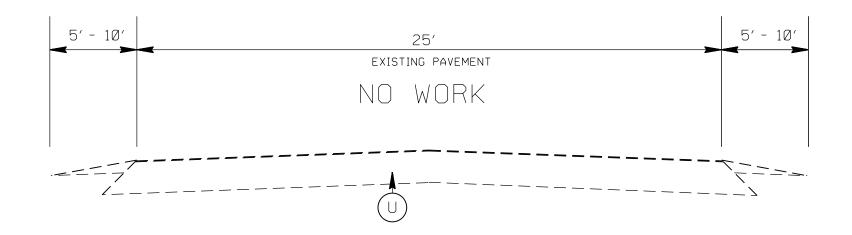
> 2023-2024 UNION COUNTY RESURFACING

SCALE -NADATE 1/20
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TYPICAL SECTION 11 SR 1126 BIGHAM ROAD (MAP 8)



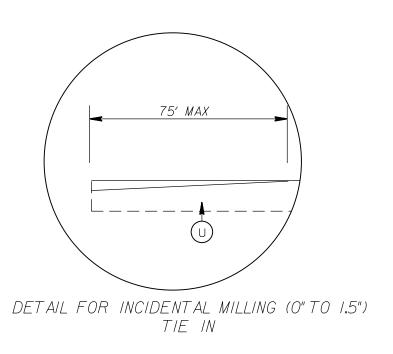
TYPICAL SECTION 12 NC 75 (MAP 1) APPROX. STA: 52+60 TO 79+60 NO WORK

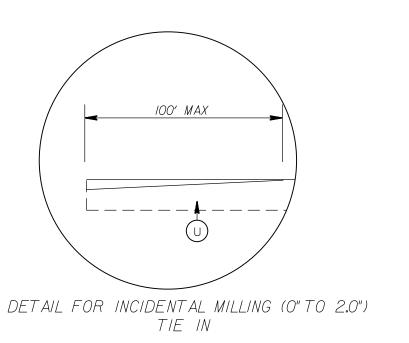
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2023CPT.10.12.10901 2023CPT.10.12.20901	14	
F A PROJECT	NO.		

PAVEMENT SCHEDULE

C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER S0. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS PER S0. YD.
(C3)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS PER SQ. YD.
(C4)	ASPHALT SURFACE TREATMENT, MAT COAT # 67
(T1)	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.
(V2)	MILLING OF EVICTING PAVEMENT 15" DEPTH

2023-2024 UNION COUNTY RESURFACING





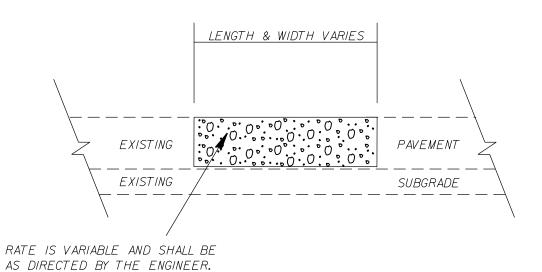
STATE PROJECT NO. SHEET NO. SHEETS 2023CPT.10.12.10901 15 N.C. 2023CPT.10.12.20901 15

F.A. PROJECT NO.

PAVEMENT SCHEDULE

C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SO. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS PER SQ. YD.
(C3)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS PER SQ. YD.
(C4)	ASPHALT SURFACE TREATMENT, MAT COAT # 67
(T1)	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
(V1)	MILLING OF EXISTING PAVEMENT, 2.0" DEPTH.
(V2)	MILLING OF EXISTING PAVEMENT, 1.5" DEPTH.
(V3)	INCIDENTAL MILLING (FULL WIDTH TURN LANES 500'OR LESS)

PATCHING DETAIL



ASPHALT TYPE 119.0C SHALL BE PLACED.

2023-2024 UNION COUNTY RESURFACING

 SCALE
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 DESIGN BY
 AMO

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 APPROVED

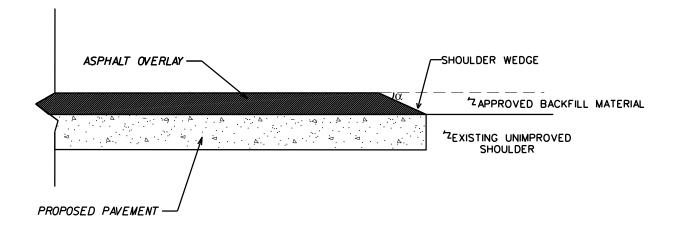
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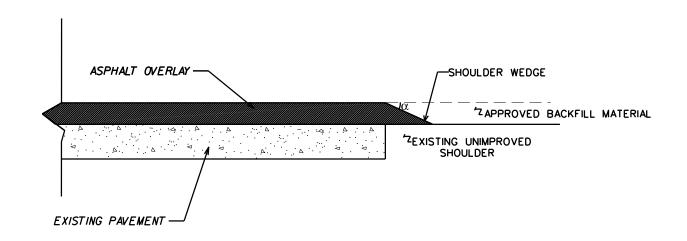
NOTES:

- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

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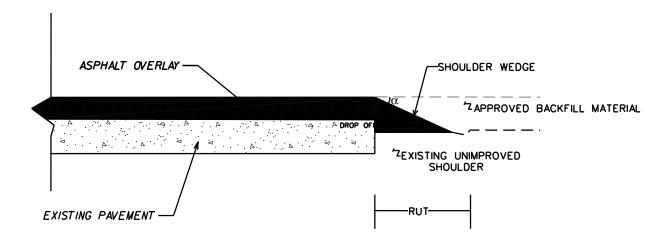


SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ WIDENING OR WITH EXISTING PAVED SHOILDER HAVING NO DROPOFFS)

SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ NO WIDENING)

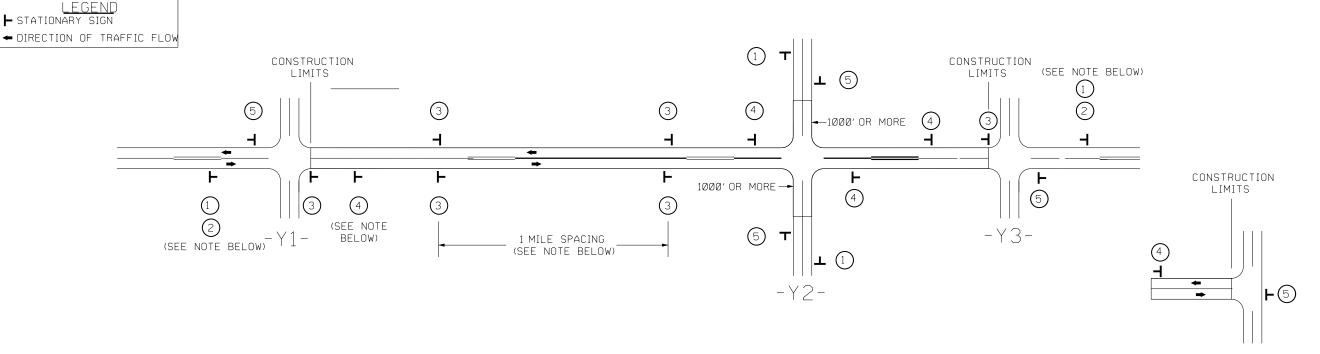


 $\mathbf{C} = 30 \text{ DEGREES}$

SHOULDER WEDGE DETAIL (RESURFACING ADJACENT TO RUTTED SHOULDER)

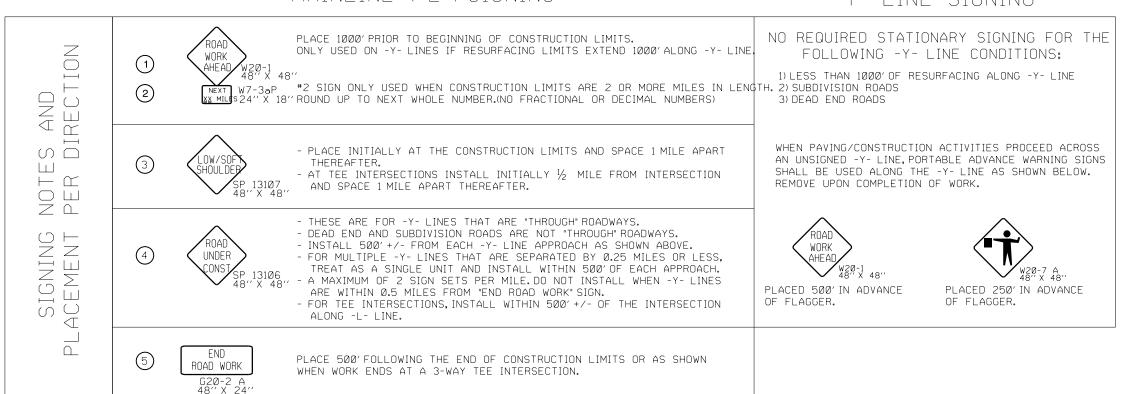
	SH0	ULDER WEDGE DET	AILS	
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DESIGN BY	AMO			
APPROVED		OF TRANSP.		

SIGNING FOR RESURFACING PROJECTS



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING





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

TEE INTERSECTION

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MAPS LESS Than 2 Miles START OF CONTRACT WORK.

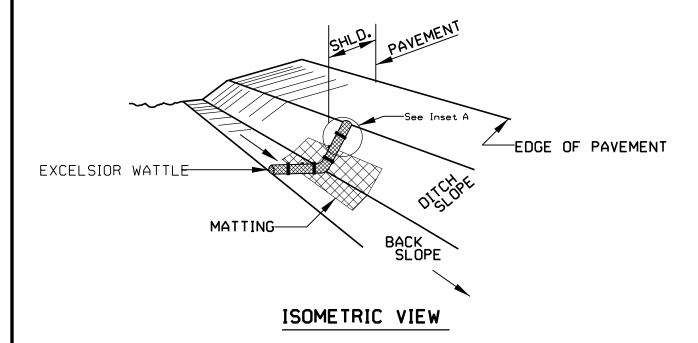
FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.

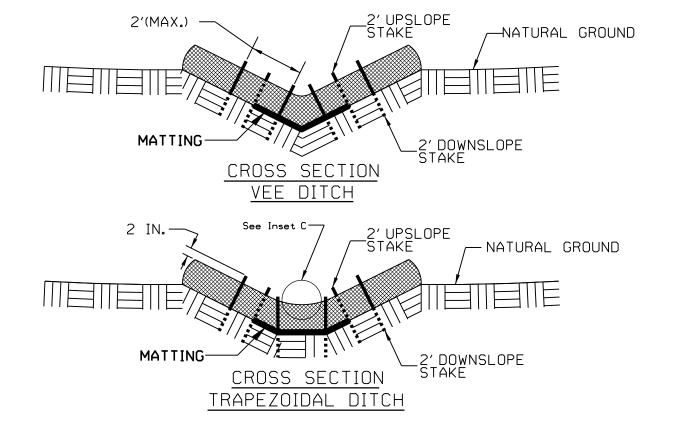
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE

PROJECT REFERENCE NO. SHEET NO.

2023CPT.10.12.10901
2023CPT.10.12.20901

WATTLE WITH POLYACRYLAMIDE DETAIL





NOTES

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

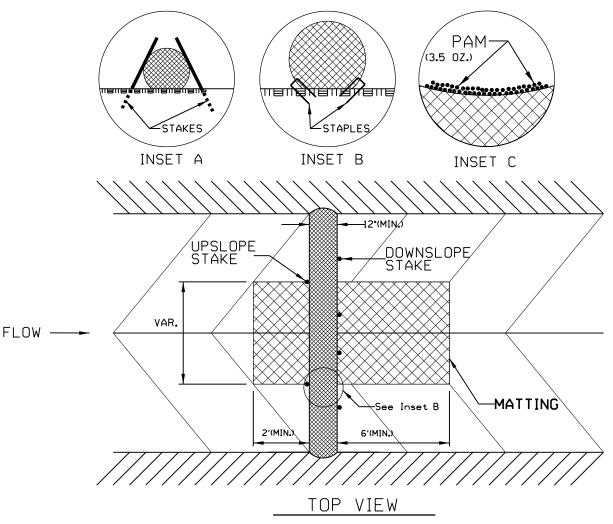
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

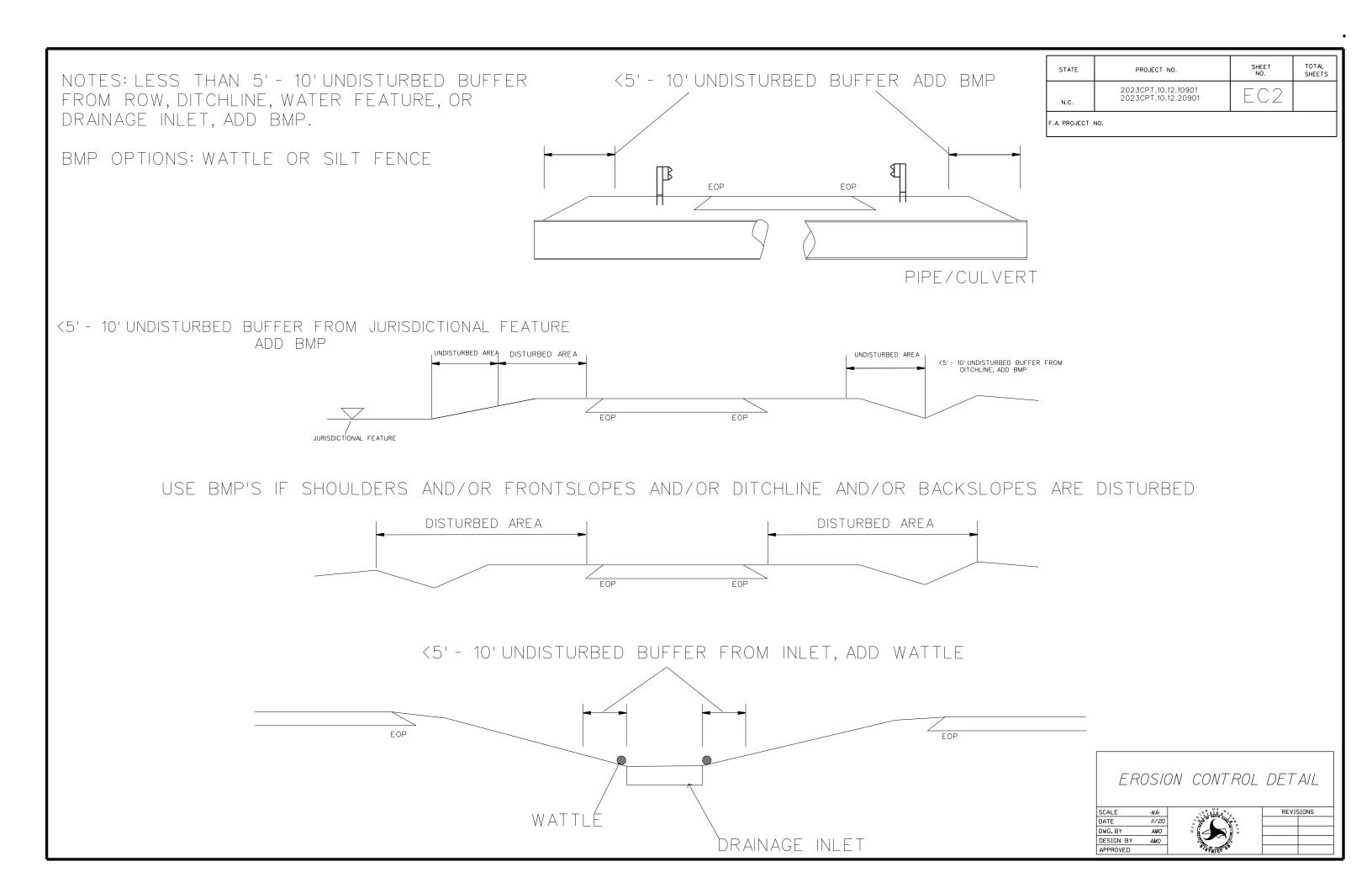
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

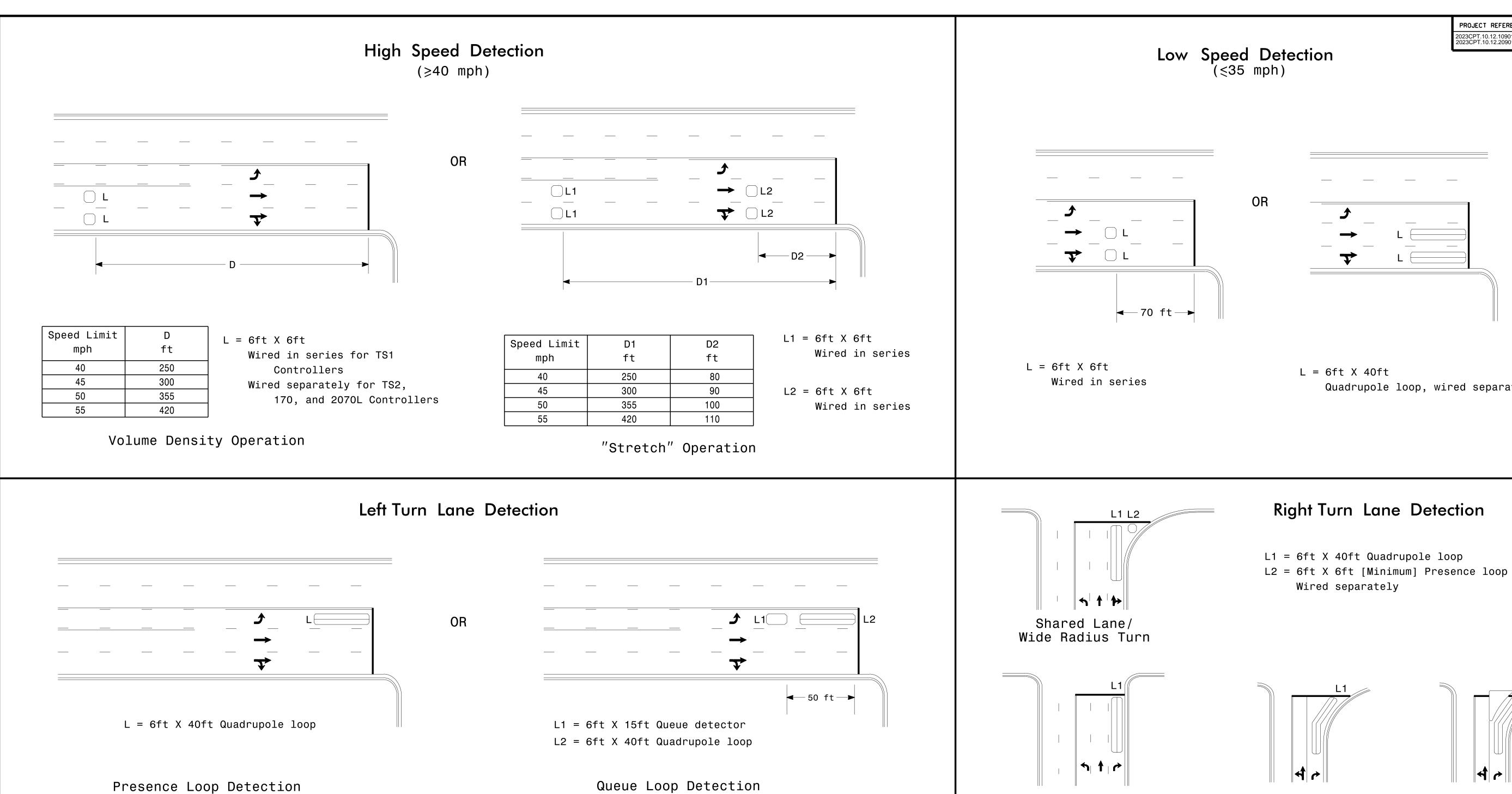
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

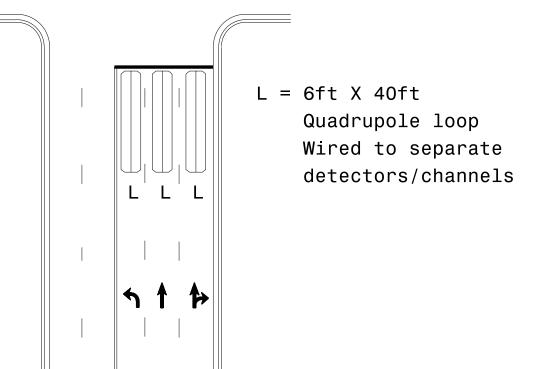
INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



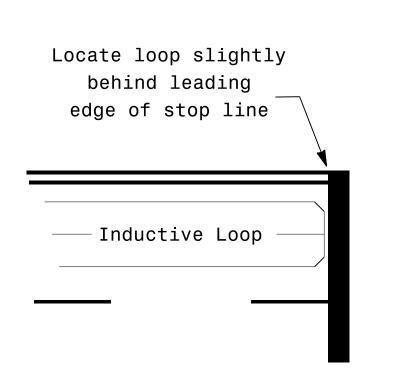






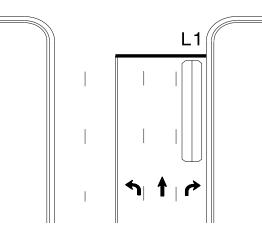


Presence Loop Placement at Stop Lines

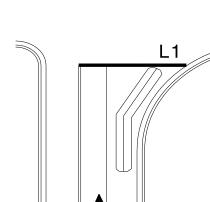


Note:

- 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



Standard Turn

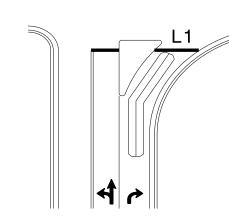


L = 6ft X 40ft

Wired separately

Quadrupole loop, wired separately

Wide Radius Turn



PROJECT REFERENCE NO.

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Channelized Turn

Recommended Number of Turns

SCALE

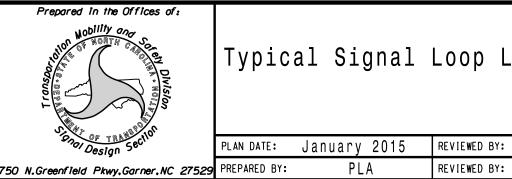
N/A

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



Typical Signal Loop Locations

REVIEWED BY: PLA REVISIONS INIT. DATE PL Alexander

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.10.12.10901,		
2023CPT.10.12.20901		

SUMMARY OF QUANTITIES

L									0106000000-E	1220000000-E			1308000000-E						1575000000-E		1775500000-E	1838000000-E		2612000000-	2830000000-	N 2845000000-N	5255000000-	N 600000000-E		6012000000-E		6071020000
PROJECT NO COUNTY MA	P NO ROUTE	DESCRIPTION	TYP NO LA		FINAL WA		WIDTH		BORROW	INCIDENTAL		1½" MILLING		INCIDENTAL		LEVELING	SURFACE	LEVELING	ASPHALT	PATCHING		EMULSION FOR		6" CONCRETE		ADJ. OF METER			STONE FOR	SEDIMENT	WATTLE	1
					SURFACE AS			SHOULDER		STONE BASE	RECONSTR MIL		ASPHALT	MILLING	COURSE, S9.5B	COURSE, S9.5B	COURSE, S9.5C	COURSE, S9.5C		EXISTING	SURFACE	ASPHALT		B DRIVEWAYS	MANHOLES	OR VALVE BOX	LIGHTING	SILT FENCE	EROSION	CONTROL		POLYACRYLA
					TESTING REC	UIRED		BORROW			UCTION		PAVEMENT,						PLANT MIX	PAVEMENT		SURFACE	RAMP					,	CONTROL,	STONE		IDE (PAM)
					REQUIRED								0"TO 2"								MATCOAT, #67	TREATMENT						,	CLASS B			
																					STONE											
						MI	FT	TON		TONS	SMI S	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	SY	GAL	EA	SY	EA	EA	LS	LF	TN	TN	LF	LB
		FROM SOUTH CAROLINA STATE LIN																										,				
		TO PAVEMENT JOINT AT SR 1111																										,				
		OLD PROVIDENCE ROAD MILEPOST	T																									,				
2023CPT.10.12.10901 Union	1 NC 75 / ROUTE ID 30000075090	0-2.78	1,2,3,4,12	2 2WU	NO	NO 2.78	30	1,280	330	75	4.20 20,	66		1,230			5,238		319	100	19,828	7,935	2	100	1	3	1	417	46	23	417	1
	TOTAL FOR MAP NO. 1					2.78		1,280	330	75	4.20 20,	66		1,230			5,238		319	100	19,828	7,935	2	100	1	3	1	417	46	23	417	1
TOT	AL FOR PROJ NO. 2023CPT.10.12.10901					2.78		1,280	330	75	4.20 20,			1,230			5,238		319	100	19,828	7,935	2	100	1	3	1	417	46	23	417	1
	ALTON HOUSE SEED HISTORIES											20,366																				
		FROM SR 1308 WINGARD ROAD TO																										,				
2023CPT.10.12.20901 Union	2 SR 2985 ROYSTER RUN / ROUTE ID 40002985090	CUL DE SAC MILEPOST 0 TO 0.4	5	2 2WU	NO	NO 0.4						6,556			595				40													
	TOTAL FOR MAP NO. 2					0.4						6,556			595				40													
		FROM SR 2985 ROYSTER RUN TO SI																										,				
		3175 NELLIE LANE MILEPOST 0 TO	<u>)</u>																									,				
2023CPT.10.12.20901 Union	3 SR 2986 GRIGG LANE / ROUTE ID 40002986090	0.25	5	2 2WU	NO	NO 0.25						3,520			426				29													
	TOTAL FOR MAP NO. 3					0.25						3,520			426				29													
		FROM SR 1309 CRANE ROAD TO																										1				
		PAVEMENT JOINT AT SR 1307																										,				
		BONDS GROVE ROAD MILEPOST	_																									,				
2023CPT.10.12.20901 Union	4 SR 1307 WAXHAW-MARVIN ROAD ROUTE ID 40001307090	2.36-2.85	6,7	2	NO	NO 0.49			165	20	1.00			620			1,056	310	96	300								74	10	5	74	
	TOTAL FOR MAP NO. 4					0.49				20	1.00			620			1,056	310	96	300								74	10	5	74	
		FROM PAVEMENT JOINT @ BRIDGE																										1				
		TO SR 1327 PLEASANT GROVE																										,				
		CHURCH ROAD MILEPOST 1.15 TO	<u>)</u>																									,				
2023CPT.10.12.20901 Union	5 SR 1008 WAXHAW-INDIAN TRAIL ROAD ROUTE ID 4000100809	0 <u>1.88</u>	1	2 2WU	NO	NO 0.73		223		65	1.50			510			1,196	500	111	200	9,348	3,275						110	15	8	110	
	TOTAL FOR MAP NO. 5					0.73		223		65	1.50			510			1,196	500	111	200	9,348	3,275						110	15	8	110	
																												,				
		FROM NC 75 TO SR 1228 CHEROKE	EE																									,				
2023CPT.10.12.20901 Union	6 SR 1175 TRAILS END DRIVE ROUTE ID 40001175090	TRAIL MILEPOST 0 TO 0.27	8	2 2WU	NO	NO 0.27	19	123		20	0.50			160	270				19	10								41	6	3	41	
	TOTAL FOR MAP NO. 6					0.27		123		20	0.50			160	270				19	10								41	6	3	41	
		FROM SR 1175 TRAILS END DR TO																										,				
2023CPT.10.12.20901 Union	7 SR 1228 CHEROKEE TRAIL / ROUTE ID 40001228090	CUL DE SAC MILEPOST 0 TO 0.19	8	2 2WU	NO	NO 0.19		88		30	0.40				182				14	30								29	4	2	29	
, ,	TOTAL FOR MAP NO. 7					0.19		88		30	0.40				182				14	30								29	4	2	29	
																												,				
		FROM SR 1128 MCWHORTER ROAL	.D																									,				
		TO SR 1111 OLD WAXHAW MONRO																										,				
2023CPT.10.12.20901 Union	8 SR 1126 BIGHAM ROAD ROUTE ID 40001126090	ROAD MILEPOST 2.12-2.89	8,11	2 2WU	NO	NO 0.77		356		190	1.50	64		325	800	460			99	300								116	16	8	116	
	TOTAL FOR MAP NO. 8					0.77		356		190	1.50	64		325	800	460			99	300								116	16	8	116	
1 1 1		FROM SR 1137 S. POTTER ROAD			1 1				1		1 1	1			1	1			1	1	1	1		1	1	1		1 ']		1	1
1 1 1		SOUTH TO NC 200 MILEPOST 1.71			1 1				1		1 1	1			1	1			1	1	1	1		1	1	1		1 ']		1	1
2023CPT.10.12.20901 Union	9 SR 1128 MCWHORTER ROAD ROUTE ID 40001128090	TO 3.19	8	2 2WU	NO	NO 1.48		684		175	3.00			385	1,642	920			186	300		1	1	1		1	1	222	30	15	222	1
	TOTAL FOR MAP NO. 9					1.48		684		175	3.00			385	1,642	920			186	300	1			1			1	222	30	15	222	1
		FROM SR 1137 POTTER ROAD																	1					1	1							1
		SOUTH TO SR 1128 TOM STARNES																	1					1	1							1
2023CPT.10.12.20901 Union	10 SR 1131 NESBIT ROAD ROUTE ID 40001131090	ROAD MILEPOST 0 TO 1.39	8	2 2WU	NO	NO 1.39		640		90	2.80			310	1,350	830			163	350	1			1			1	209	28	14	209	1
	TOTAL FOR MAP NO. 10					1.39	\perp	640		90	2.80			310	1,350	830			163	350								209	28	14	209	1
		FROM SR 1007 ROCKY RIVER ROAD																	1					1	1							1
		TO WEST END OF SR 1738 HAYES																						1	1			1				1
2023CPT.10.12.20901 Union	11 SR 1009 OLD CHARLOTTE HWY ROUTE ID 40001009090	ROAD MILEPOST 4.406.72	9,10	2 2WU	NO	NO 2.32		710		65	4.60 2,5		1,120	800	1		5,190		359	1,000	40,590	16,240	1	375	4	8		345	46	23	345	1
	TOTAL FOR MAP NO. 11					2.32		710	165	65	4.60 2,5		1,120	800			5,190		359	1,000	40,590	16,240	1	375	4	8		345	46	23	345	1
TOT	AL FOR PROJ NO. 2023CPT.10.12.20901					8.29		2,824	165	655	15.30 2,5	15 10,140	1,120	3,110	5,265	2,210	7,442	810	1,116	2,490	49,938	19,515	1	375	4	8		1,146	155	78	1,146	3
101	AL . O 1.03 110. 2023CF 1.10.12.20301											12,685													1		1					
1	GRAND TOTAL					11.07		4,104	495	730	19.50 22,	11 10,140	1,120	4,340	5,265	2,210	12,680	810	1,435	2,590	69,766	27,450	3	475	5	11	1	1,563	201	101	1,563	4
												33,051																				

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.10.12.10901,		
2023CPT.10.12.20901		

THERMOPLASTIC AND PAINT QUANTITIES

									-E 4457000000		N 46850	000000-E		4695000000-E			F 470400000-	4709000000-E	47200	00000-E	472500	00000-E	/8100	00000-E	4835000000-E	484500	0000-N	4905100000-N
PROJECT NO	COLINT	Y MAP NO	ROUTE	DESCRIPTION TYP N	Ο ΙΔΝ	FS I ANF	LENGTH					T THERMO PV	THERMO PVT					4703000000-E		THERMO PVT				4" YELLOW	24" WHITE	PAINT LT	PAINT RT	NON-CAST
T NOJECT NO	COON		NOOTE	DESCRIPTION TO IT IN	LAIN	TYPE		ADVANCE/		ENFORCEME					, MKG LINES 8",			THERMOPLAS		MKG		MKG SYMBOL	PAINT	PAINT	PAINT	ARROW	ARROW	IRON
						1		NERAL	CONTROL	T	4",90 MILS	4",90 MILS	90 MILS	90 MILS	90 MILS	12", 90 MILS		TIC	CHARACTER				LAIM	1 Aller	I All I	Annow	Annow	SNOWPLOWA
								WARNING			WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	PAVEMENT	PAVEMENT	90 MILS	90 MILS (RXR)		(RIGHT)						BLE
								SIGNING			********	TELEOW.	***************************************	ILLLOW	Willie	TELLOW	MARKING	MARKING	(SCHOOL)	30 IVIILS (IOAR)		(Mairi)						PAVEMENT
								Siditilita										LINES (24", 90	(SCHOOL)									MARKER
																	MILS)	MILS)										WARKER
							MI	FT SF	LS	HR	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	LF	EA	EA	EA
							1411	11 31		1111	-	-	-	-	-		-			LA.	LA.				-	LA.	LA.	LA.
				FROM SOUTH CAROLINA STATE LINE																								
				TO PAVEMENT JOINT AT SR 1111 OLD																								
2023CPT.10.12.1090	1 Union	1	NC 75 / ROUTE ID 30000075090	PROVIDENCE ROAD MILEPOST 0-2.78 1,2,3,4,	12 2	2/4/11	2 78	30 311.4	1	20	24,384	25,783	800	240				520			13	1	1,510	28,000	250			225
EULUCI TITUITE ITUUT	2 0111011		TOTAL FOR MAP NO. 1	THOUSENED HOND INNEED OUT O ZITO 1,2,5,4,	,12 2		2.78	311.4	1.0	20	24,384	25,783	800	240				520			13	1	1,510	28,000	250			225
							2.78	311.4		20	24,384	25,783	800	240				520			13	1	1,510	28,000	250			225
		TOTAL FO	OR PROJ NO. 2023CPT.10.12.10901				2.70	311.4	1.0	20		0,167	000	1,040	1			320				14		,510	230			223
				FROM SR 1308 WINGARD ROAD TO								0,107		1,040	1					1	-	7	23,	,510				
2023CPT.10.12.2090	1 Union	2	SR 2985 ROYSTER RUN / ROUTE ID 40002985090	CUL DE SAC MILEPOST 0 TO 0.4 5	2	2WU	0.4	26	*																			
2023011.10.12.2030	- Union	1 -	TOTAL FOR MAP NO. 2	502 52 5AC MILET 051 0 10 0.4		2000	0.4			1	1	+	1	+	+	1	+								1			+
		1	TOTAL COLUMN HOLE	FROM SR 2985 ROYSTER RUN TO SR		-	0.7			1	1	+	1	+	+	1	+								 			+
				3175 NELLIE LANE MILEPOST 0 TO			1							1	1													
2023CPT.10.12.2090	1 Union	3	SR 2986 GRIGG LANE / ROUTE ID 40002986090	0.25 5	2	2WU	0.25	24	*					1	1													
2023071.10.12.2090	T OILION	3	TOTAL FOR MAP NO. 3	0.23 5	- 2	2000	0.25	44	-	-	+	+	-	+	+	1		1	1		 				1			+
			TOTAL FOR MAP NO. 3		_	-	0.25																					
				FROM SR 1309 CRANE ROAD TO																								
				PAVEMENT JOINT AT SR 1307 BONDS																								
2022CDT 40 42 2000			CD 4207 WAYLAW AAAD JIN DO AD DOUTE ID 40004207000		-		0.40	34		-	5.802	6,244				445		177			2							
2023CPT.10.12.2090	Union	4	SR 1307 WAXHAW-MARVIN ROAD ROUTE ID 40001307090 TOTAL FOR MAP NO. 4	GROVE ROAD MILEPOST 2.36-2.85 6,7			0.49	34	-	5	5,802 5,802	6,244				115 115		177	6		3	6						
			TOTAL FOR WAP NO. 4	FROM DAVIENTINIT IOINT & DRIDGE			0.49			, ,	5,802	0,244				115		1//			3							
				FROM PAVEMENT JOINT @ BRIDGE																								
				TO SR 1327 PLEASANT GROVE																								
2022507 40 42 2000		_	CD 4000 WAYNAM INDIAN TRAN DOAD DON'T ID 40004000000	CHURCH ROAD MILEPOST 1.15 TO	_	214/11	0.72	22	*		7.640	7.640						40										
2023CPT.10.12.2090	1 Union	5	SR 1008 WAXHAW-INDIAN TRAIL ROAD ROUTE ID 40001008090	<u>1.8</u> 8 1	2	2WU		22			7,648	7,648																
	_	1	TOTAL FOR MAP NO. 5		-	_	0.73				7,648	7,648						40										
				FD014 NG 75 T0 CD 4330 CUEDOVES																								
2022CDT 40 42 2000			CD 4475 TDAUG SND DDUG DOUTE ID 40004475000	FROM NC 75 TO SR 1228 CHEROKEE		214/11	0.27	40																				
2023CPT.10.12.2090	Union	6	SR 1175 TRAILS END DRIVE ROUTE ID 40001175090	TRAIL MILEPOST 0 TO 0.27 8		2WU		19	-																			
	_	1	TOTAL FOR MAP NO. 6	FROM CRIMATE TRAILS END DRITO	-		0.27																					
		_		FROM SR 1175 TRAILS END DR TO	_				*																			
2023CPT.10.12.20901	1 Union	7	SR 1228 CHEROKEE TRAIL / ROUTE ID 40001228090	CUL DE SAC MILEPOST 0 TO 0.19 8	2	2WU		18																				
		1	TOTAL FOR MAP NO. 7				0.19																					
				FROM CR 4430 MCHUIORTER ROSS			1							1	1													
				FROM SR 1128 MCWHORTER ROAD			1							1	1													
2022007 40 42 2222			CD 4435 DIGUANA DOAD DOUTE ID 4000	TO SR 1111 OLD WAXHAW MONROE		20400	0.77	40	*					1	1			20					46.260	45.255				
2023CPT.10.12.2090	Union	8	SR 1126 BIGHAM ROAD ROUTE ID 40001126090	ROAD MILEPOST 2.12-2.89 8,11	. 2	2WU		19	-		1	1		+	-		1	30			-		16,260	16,260				1
			TOTAL FOR MAP NO. 8	FROM CR 1137 C ROTTER ROAD	_		0.77				1	1	1	+			1	30			-		16,260	16,260				1
				FROM SR 1137 S. POTTER ROAD										1	1													
2022007 40 42 222			CD 4420 MCHUIODTED DO AD DOUTE ID 40222	SOUTH TO NC 200 MILEPOST 1.71		20400		24						1	1			30					24 200	24 200				
2023CPT.10.12.2090	Union	9	SR 1128 MCWHORTER ROAD ROUTE ID 40001128090	<u>TO 3.19</u> 8	2	2WU		21	*	-	-	1	-	+	+		+	30		-	-		31,288	31,288	 			1
		_	TOTAL FOR MAP NO. 9	FROM SR 1127 ROTTER BOAD SOUTH	-		1.48			-	-	1	-	+	+		+	30		-	-		31,288	31,288	 			1
				FROM SR 1137 POTTER ROAD SOUTH			1							1	1													
2022007 40 42 2222		40	CD 4424 NICCOLT DO AD DOLLTE ID 40000	TO SR 1128 TOM STARNES ROAD		20400	4 20	40	*					1	1			40					20 272	26.056				
2023CPT.10.12.2090	Union		SR 1131 NESBIT ROAD ROUTE ID 40001131090	MILEPOST 0 TO 1.39 8	2	2WU		18	*	-	-	1	-	+	+		+	-10		-	-		29,272	26,950	 			1
		_	TOTAL FOR MAP NO. 10	FROM SR 1007 ROCKY RIVER ROAD	-		1.39			-	-	1	-	+	+		+	40		-	-		29,272	26,950	 			1
		1		FROM SR 1007 ROCKY RIVER ROAD			1		1						1		1											
2022007 40 42 2222			CD 4000 OLD CLIADI OTTE LINAV DOLLTE ID 4000000000	TO WEST END OF SR 1738 HAYES	. _	20400	2 22	20 252.5		20	27.400	20.025		500	300		100	563	42		47		4 420	40.722				277
2023CPT.10.12.2090	Union	11	SR 1009 OLD CHARLOTTE HWY ROUTE ID 40001009090	ROAD MILEPOST 4.406.72 9,10	2	2WU		30 259.8	-	30	27,180	30,026		580	300		100	563	12	4	17	4	1,430	10,732		4	4	377
			TOTAL FOR MAP NO. 11		_		2.32	259.8		30	27,180	30,026		580	300		100	563	12	4	17	4	1,430	10,732		4	4	377
TOTAL FOR PROJ NO. 2023CPT.10.12.20901						8.29	259.8		35	40,630	43,918	1	580	300	115	100	880	18	4	20	10	78,250	85,230	1	4	4	377	
					_		44.05					4,548		880	200		400	4 400		22		30		442 222	250			500
			GRAND TOTAL			_	11.07	571.2	1.0	55	65,014		800	820	300	115	100	1,400	18	4	33	11		113,230	250	4	4	602
											13	4,715		1,920		1	1	1	1	22	4	14	192	2,990		8		