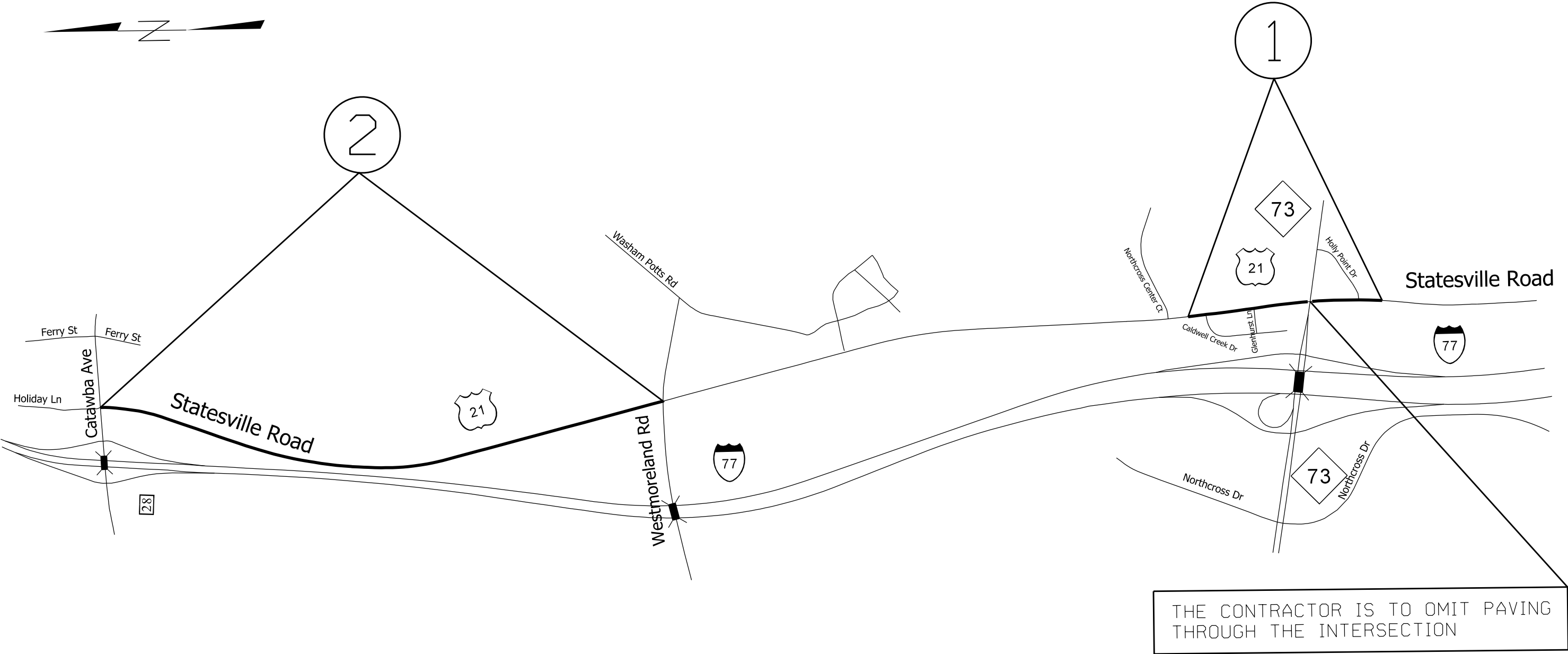


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			



MAP

DESCRIPTION

#1 NB US 21 STATESVILLE ROAD

FROM BEGIN CONCRETE ISLAND TO END
CONCRETE ISLAND

#2 NB US 21 STATESVILLE ROAD

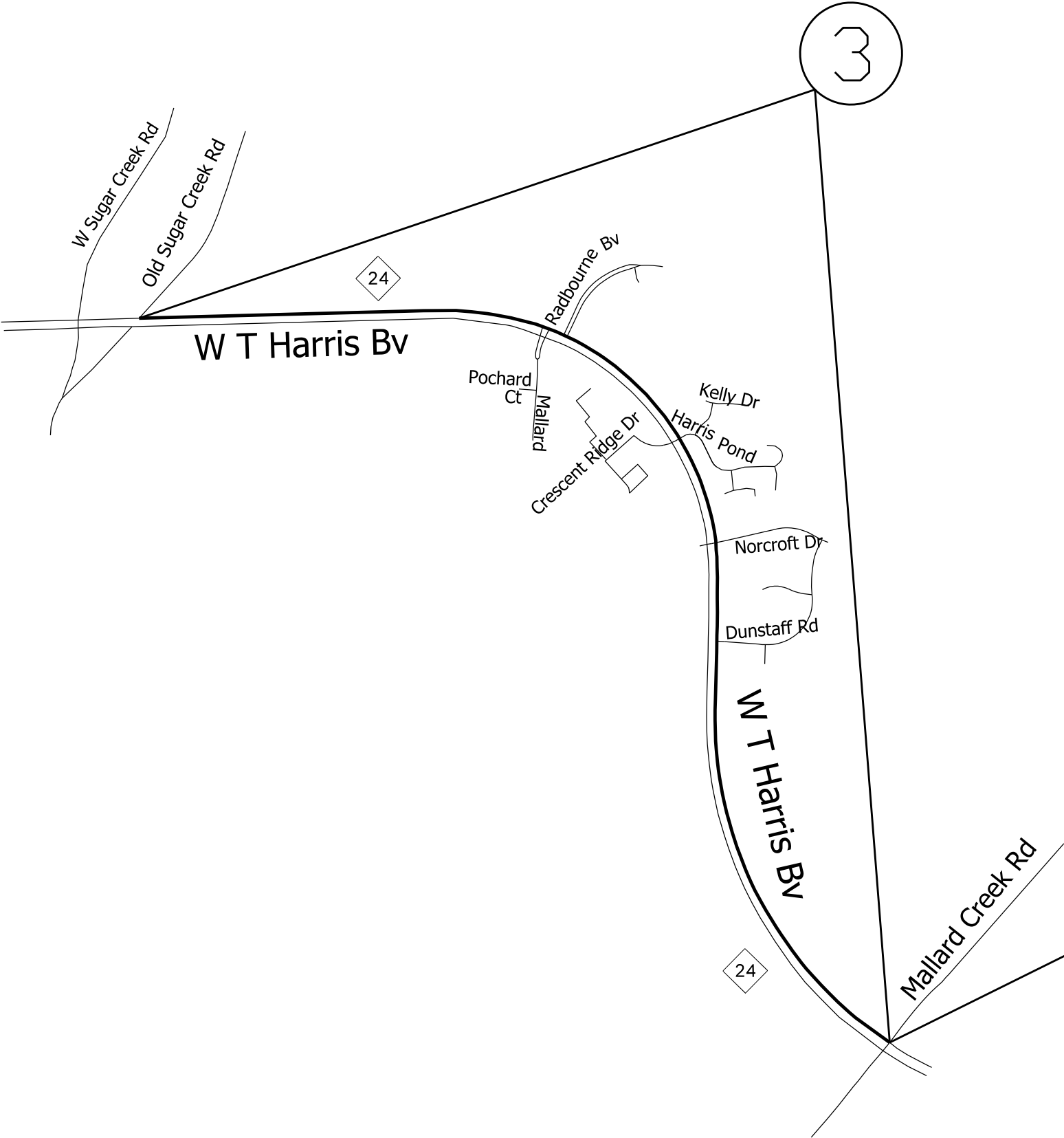
FROM WESTMORELAND RD TO CATAWBA
AVE

2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-	REVISIONS	
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		



MAP

#3 WB NC 24 W.T. HARRIS BLVD

DESCRIPTION

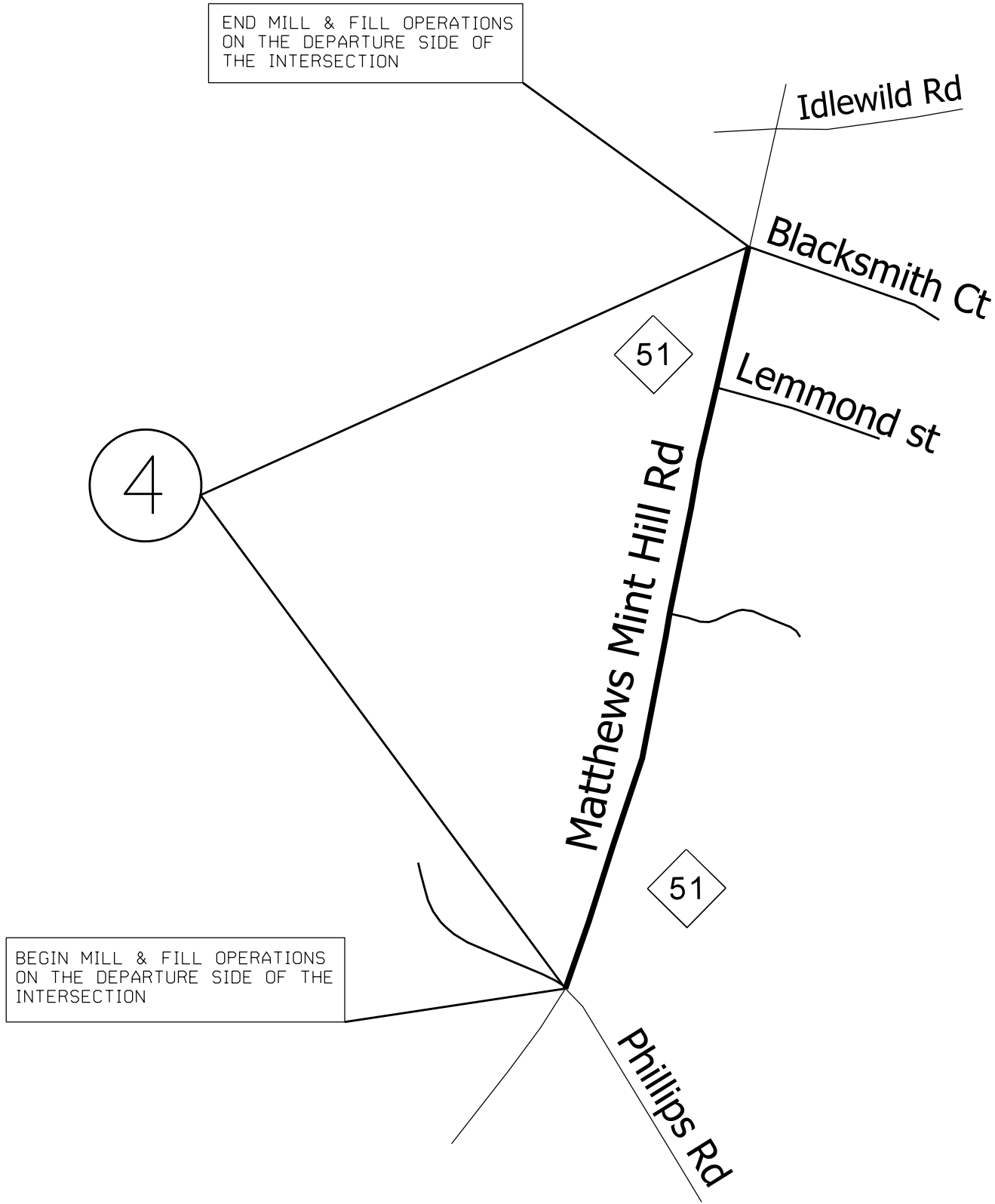
FROM MALLARD CREEK RD TO OLD SUGAR CREEK RD

2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-	REVISIONS	
DATE	JHE		
DWG. BY			
DESIGN BY			
APPROVED			



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		3	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			



MAP

DESCRIPTION

#4 NC 51 MATTHEWS-MINT HILL RD

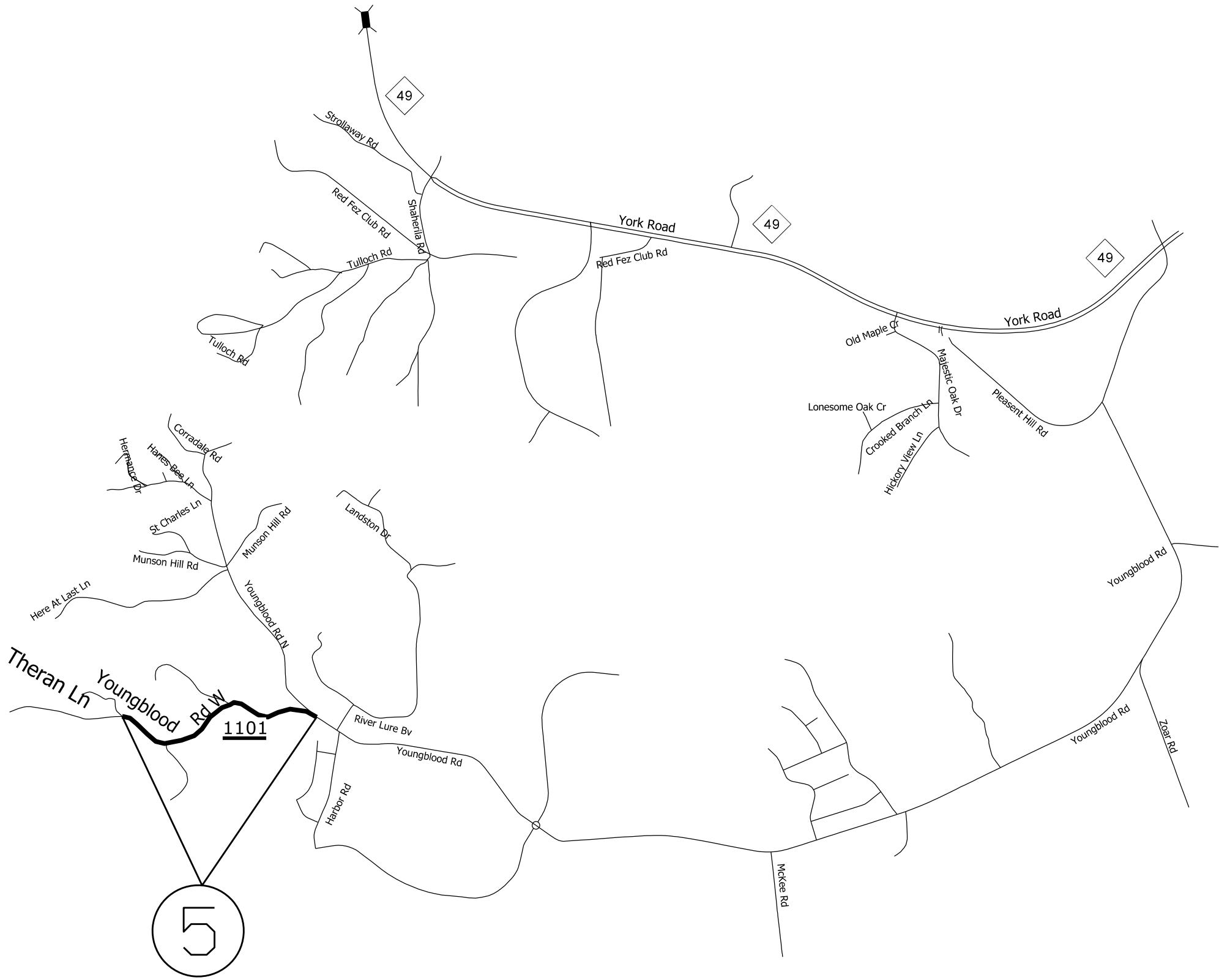
FROM PHILLIPS RD TO BLACKSMITH CT

2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-	REVISIONS	
DATE			
DWG. BY	JME		
DESIGN BY			
APPROVED			



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			



MAP

DESCRIPTION

#5 SR 1101 YOUNGBLOOD RD WEST

FROM YOUNGBLOOD RD TO THERAN LANE

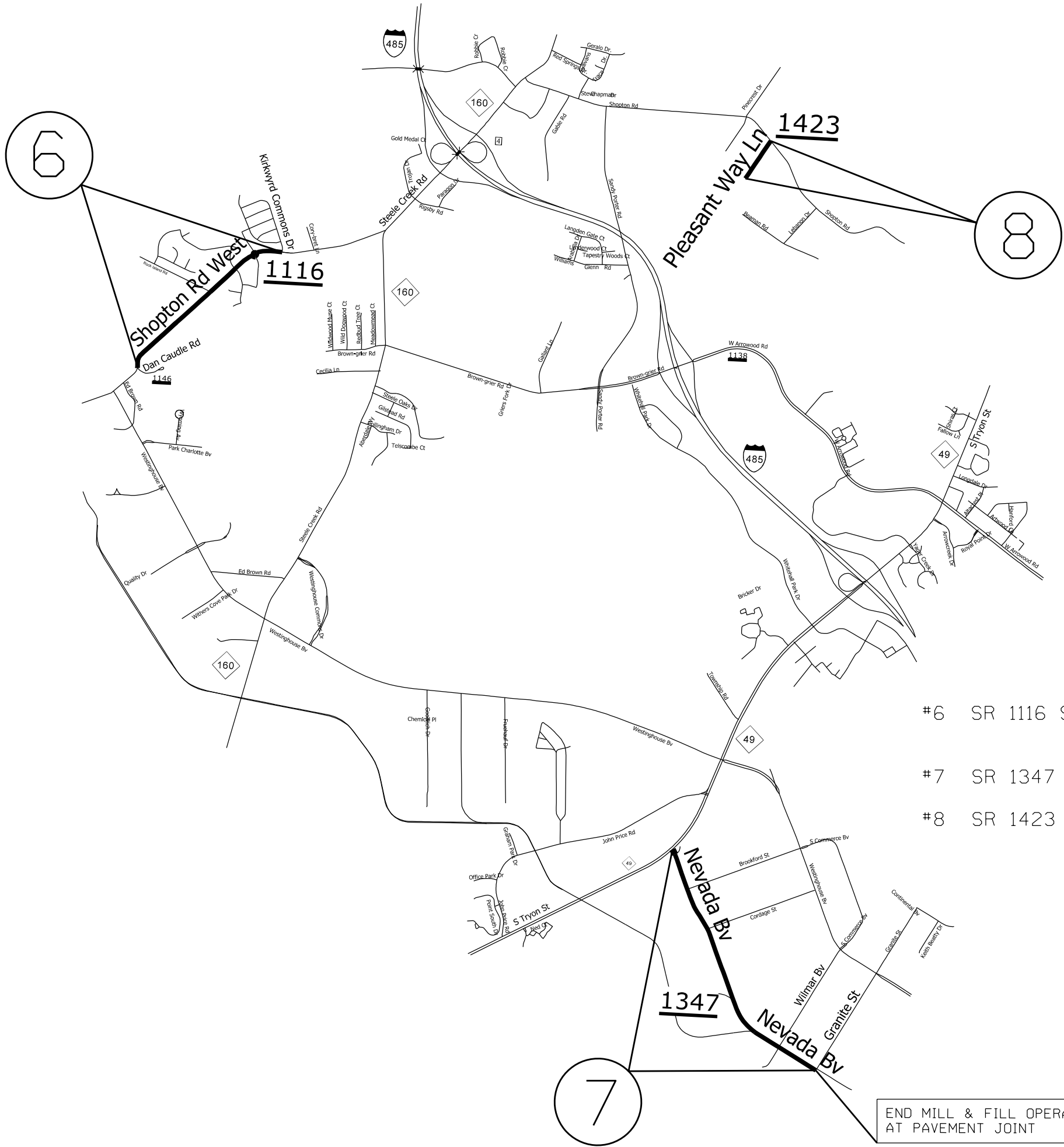
2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-
DATE	
DWG. BY	JHE
DESIGN BY	
APPROVED	



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	25
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		



MAP	DESCRIPTION
#6 SR 1116 SHOPTON ROAD WEST	FROM KIRKWYRD COMMONS DR TO DAN CAUDLE RD
#7 SR 1347 NAVADA BLVD	FROM S. TRYON ST TO GRANITE ST
#8 SR 1423 PLEASANT WAY LANE	FROM SHOPTON RD TO END OF MAINTENANCE

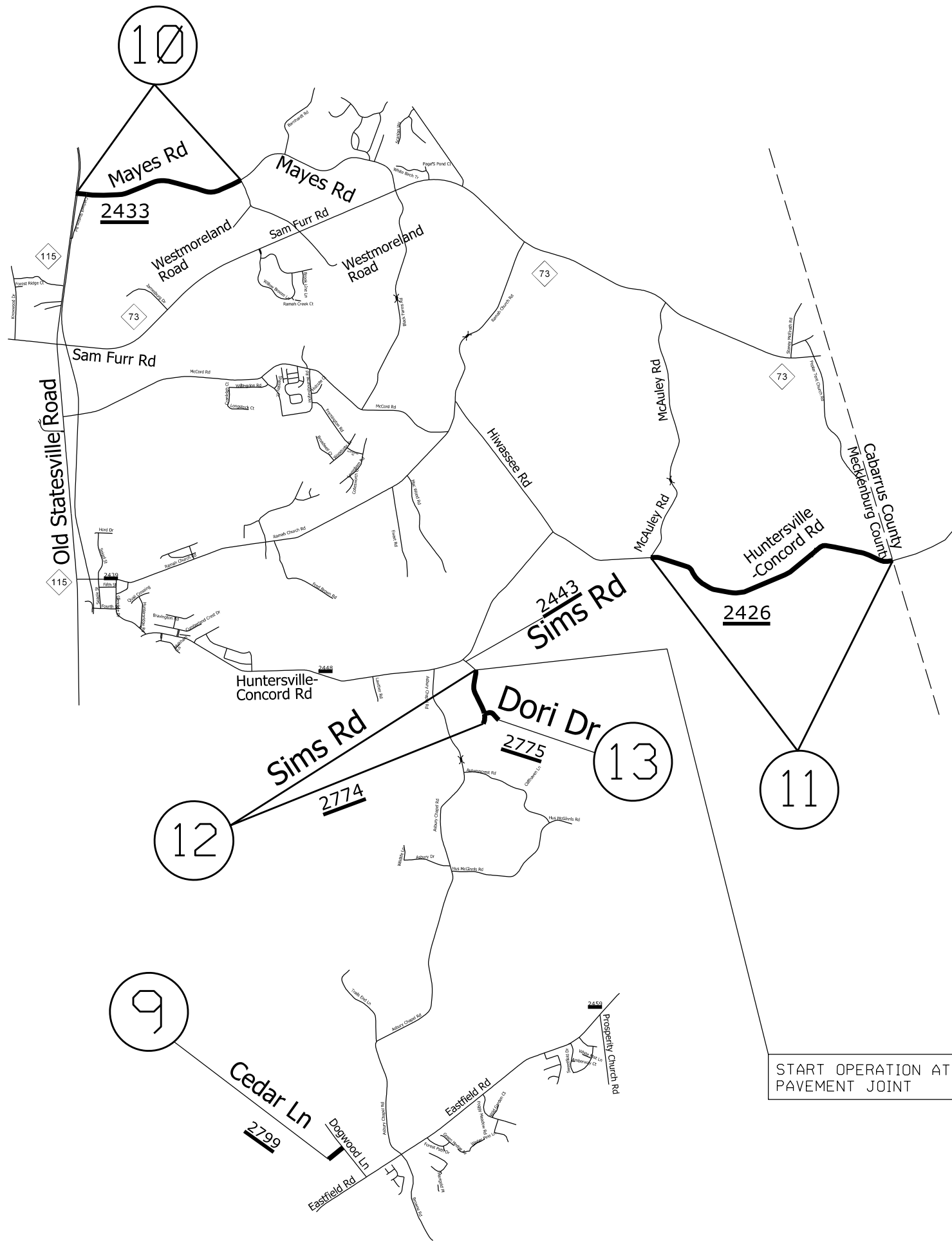
END MILL & FILL OPERATIONS
AT PAVEMENT JOINT

2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-	REVISIONS	
DATE	JME		
DWG. BY			
DESIGN BY			
APPROVED			



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		6	25
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		



MAP

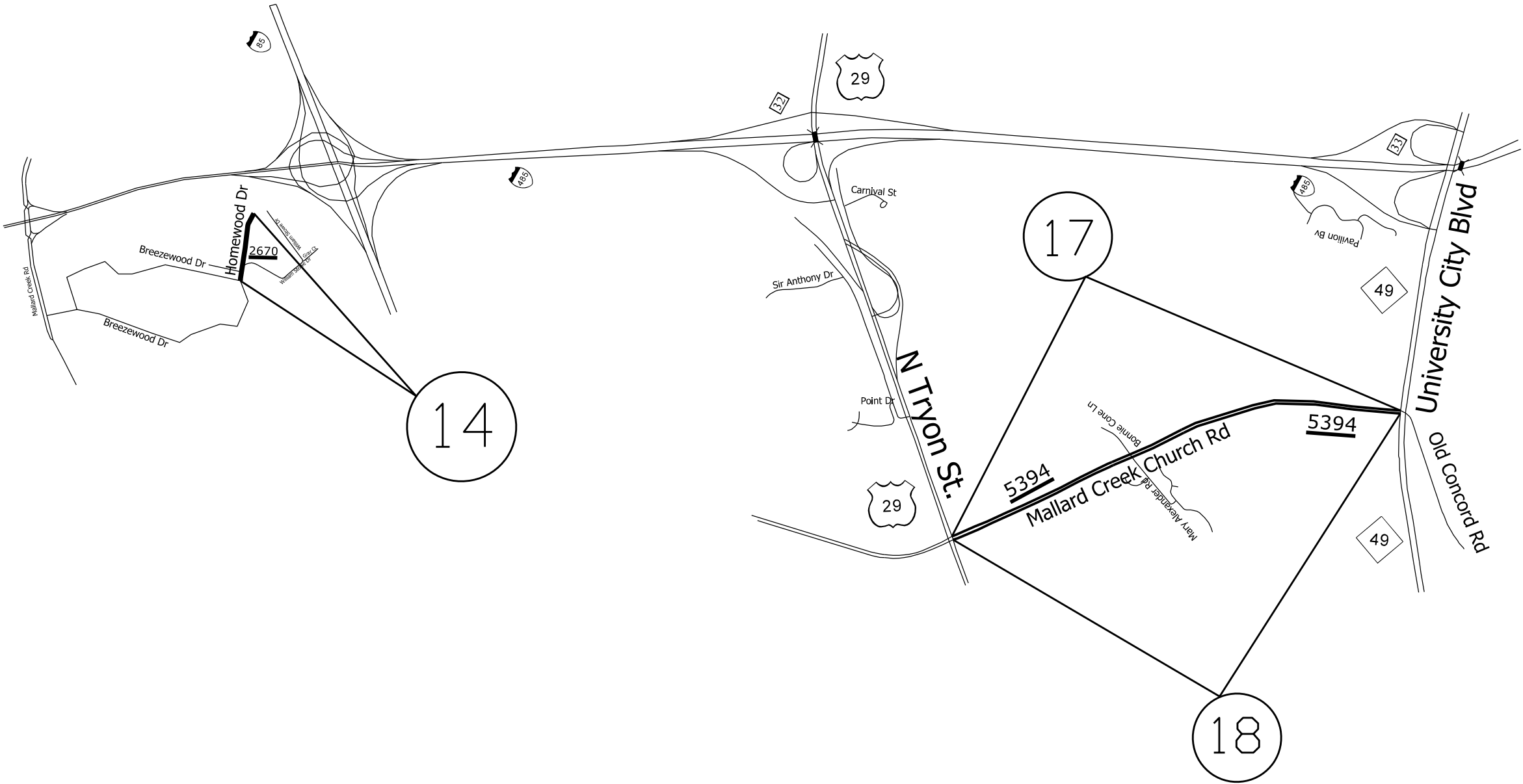
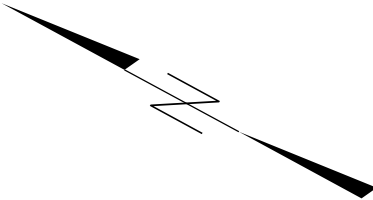
DESCRIPTION

- | | | |
|-----|---------------------------------|---|
| #9 | SR 2799 CEDAR LANE | FROM DOGWOOD LANE TO END OF MAINTENANCE |
| #10 | SR 2433 MAYES ROAD | FROM OLD STATESVILLE RD TO PVMT JOINT AT WESTMORELAND RD |
| #11 | SR 2426 HUNTERSVILLE-CONCORD RD | FROM MCAULEY RD TO CABARRUS COUNTY LINE |
| #12 | SR 2774 SIMS ROAD | FROM SR 2443 SIMS RD AT THE END OF THE NEW PAVEMENT JOINT TO CUL-DE-SAC |
| #13 | SR 2775 DORI DRIVE | FROM SIMS RD TO CUL-DE-SAC |

2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-N/A-		REVISIONS	
DATE				
DWG. BY	JHE			
DESIGN BY				
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		7	
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		



MAP

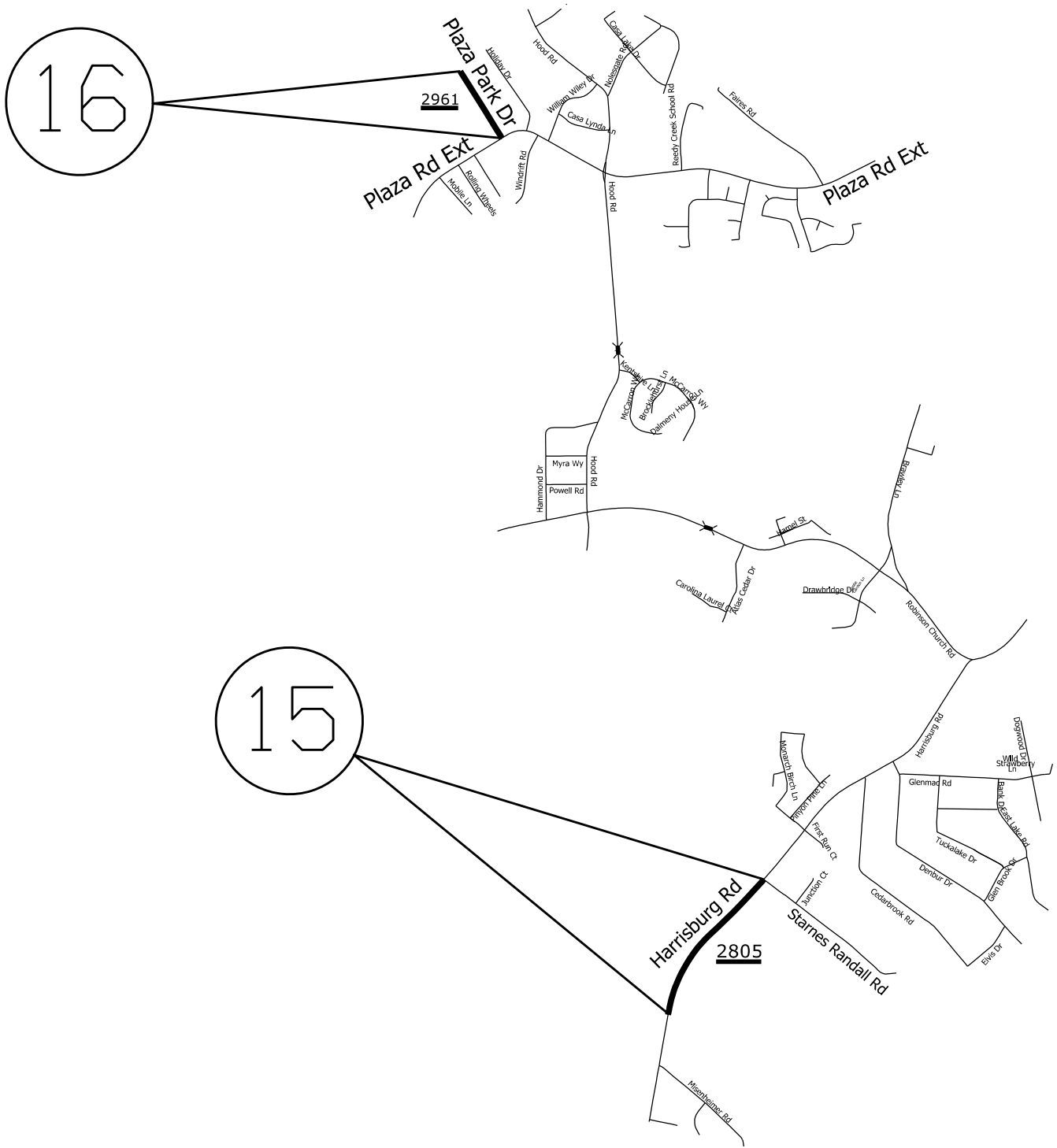
DESCRIPTION

- #14 SR 2670 HOMEWOOD DRIVE
- FROM BREEZEWOOD DR TO END OF MAINTENANCE
- #17 SR 5394 WB MALLARD CREEK CH RD
- FROM UNIVERSITY CITY BLVD TO N. TRYON ST
- #18 SR 5394 EB MALLARD CREEK CH RD
- FROM N. TRYON ST TO UNIVERSITY CITY BLVD

2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-		REVISIONS	
DATE				
DWG. BY	JHE			
DESIGN BY				
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		8	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			



MAP

DESCRIPTION

#15 SR 2805 HARRISBURG ROAD

FROM STARNES RANDALL RD TO END GORE

#16 SR 2961 PLAZA PARK DRIVE

FROM PLAZA ROAD EXT TO CUL-DE-SAC

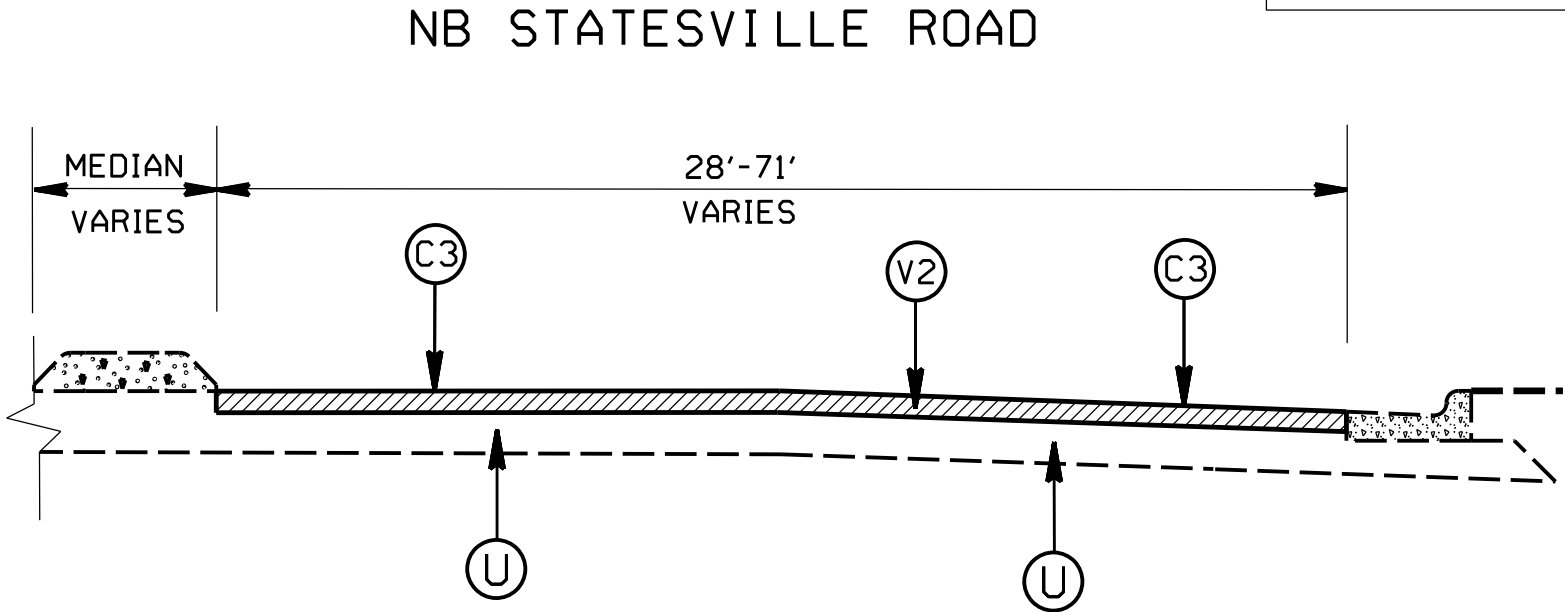
2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE	-NA-	REVISIONS	
DATE	JHE		
DWG. BY			
DESIGN BY			
APPROVED			

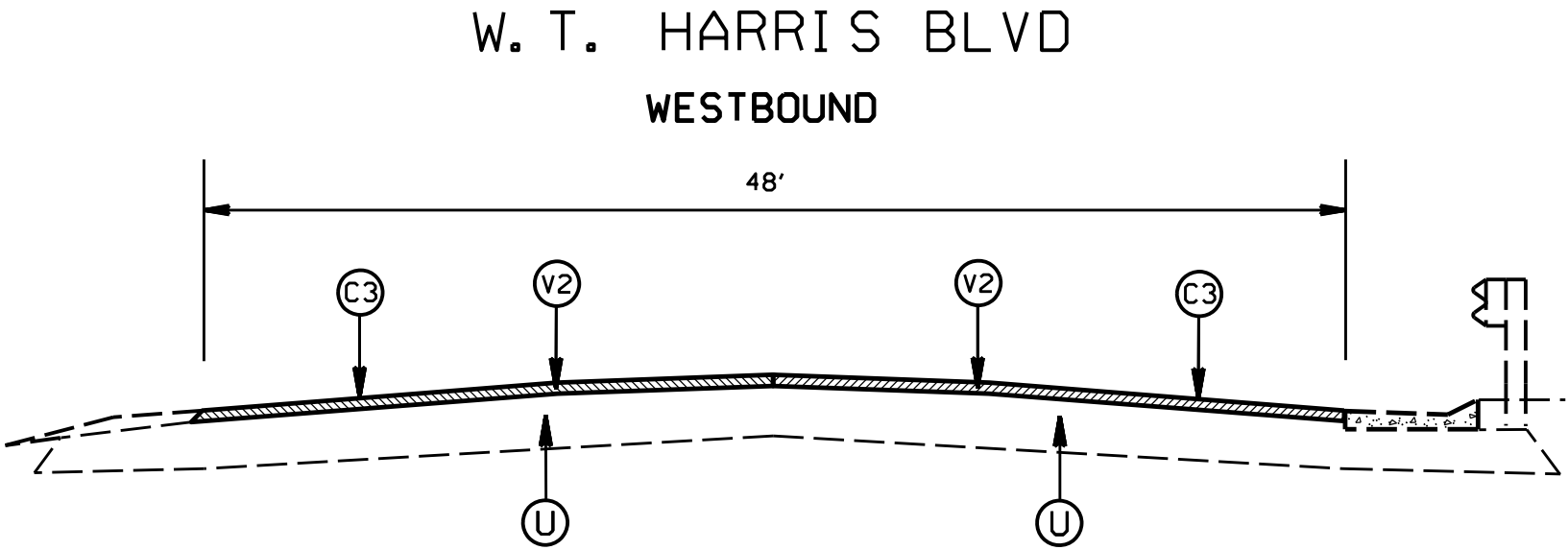
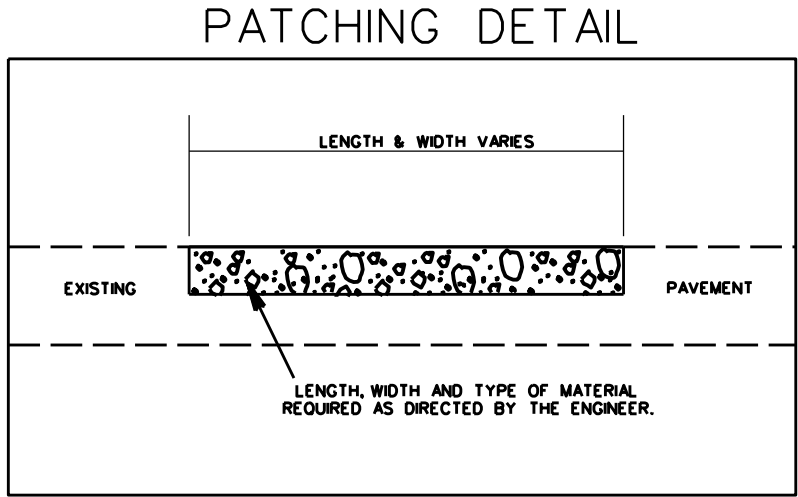


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		9	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



TYPICAL SECTION NO. 1



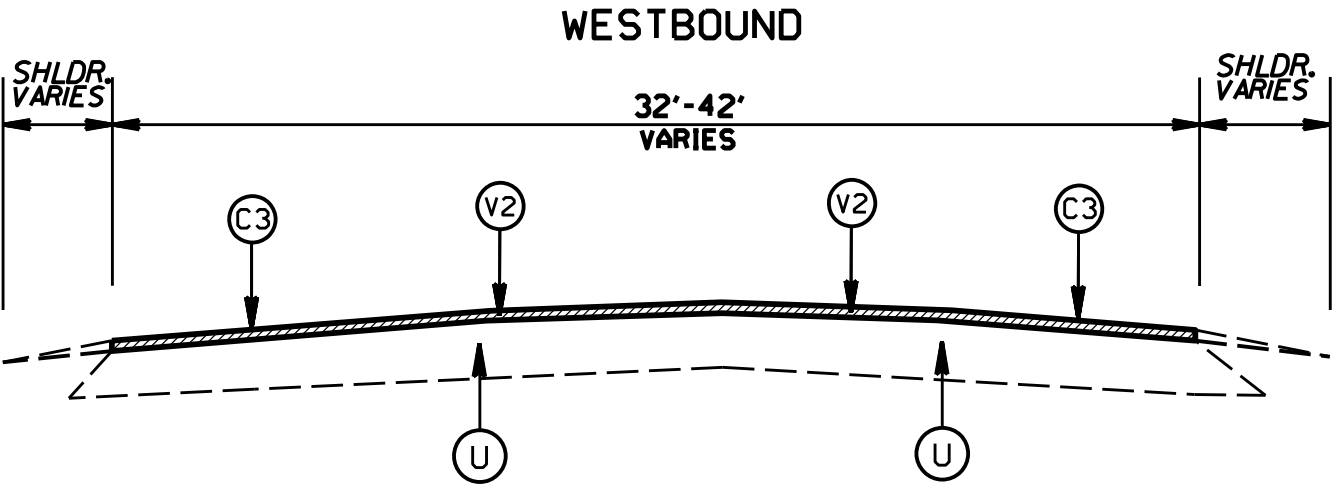
TYPICAL SECTION NO. 2

2026 MECKLENBURG COUNTY RESURFACING CONTRACT 2			
SCALE	-NA-		REVISIONS
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		10	25
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		

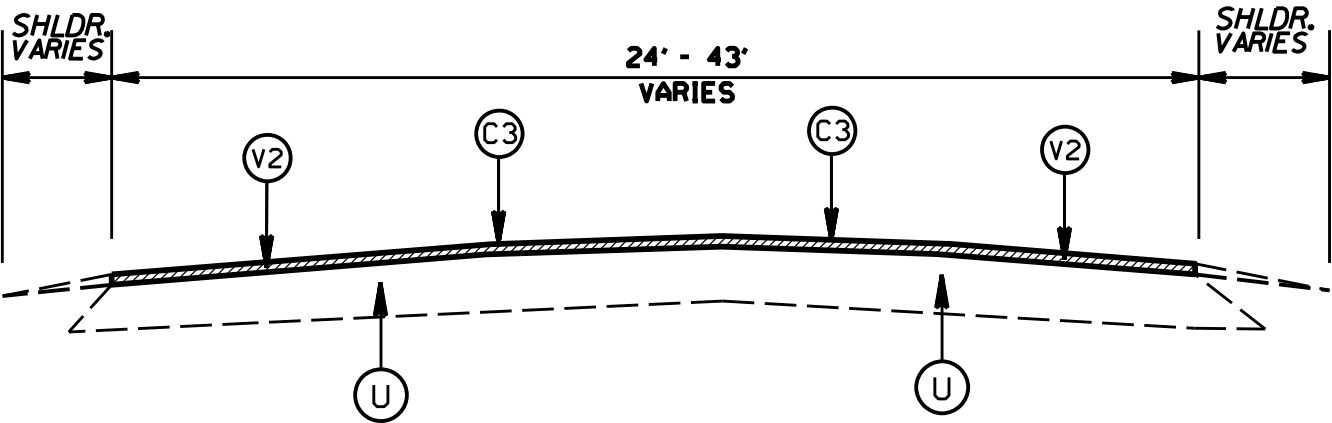
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

W. T. HARRIS BLVD



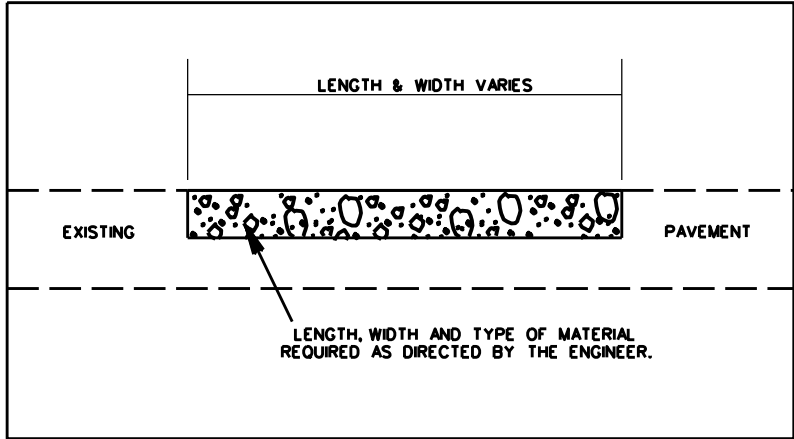
TYPICAL SECTION NO. 3

MATTHEWS-MINT HILL ROAD



TYPICAL SECTION NO. 4

PATCHING DETAIL



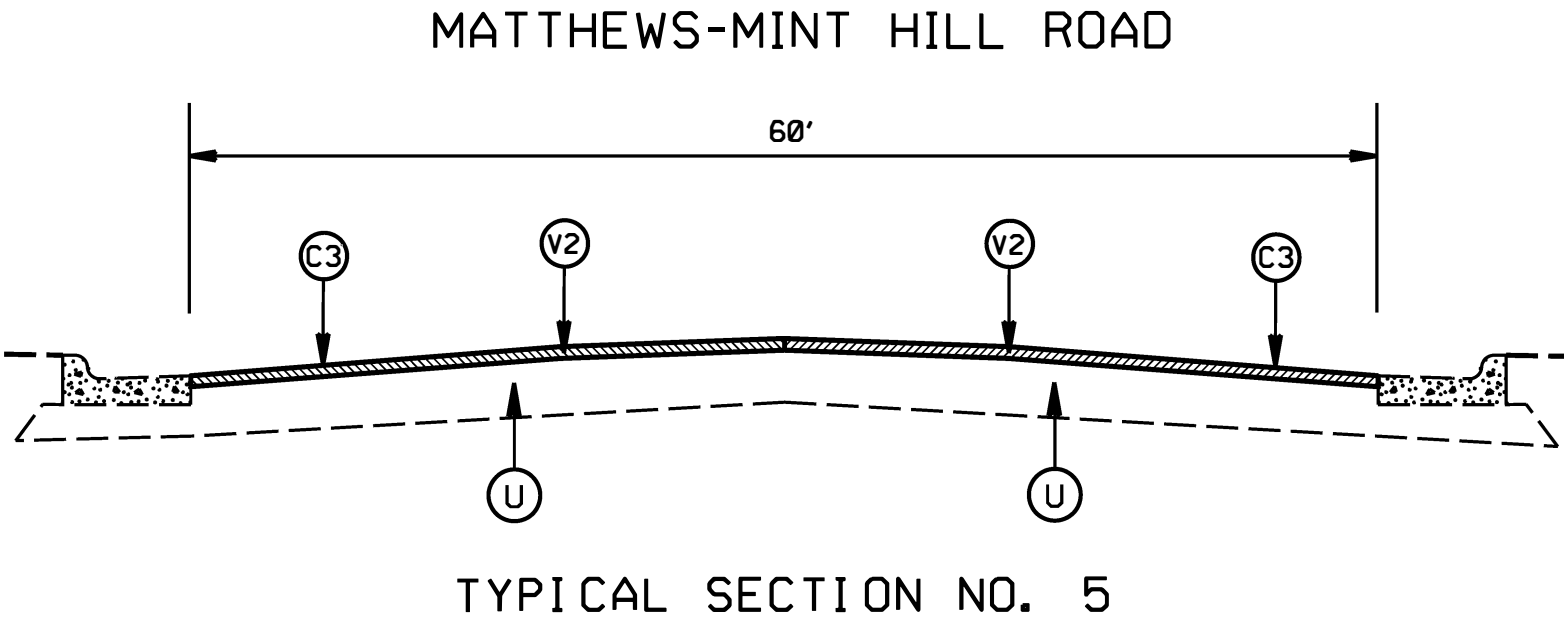
2026 MECKLENBURG COUNTY
RESURFACING CONTRACT 2

SCALE	DATE	DESIGN BY	APPROVED	REVISIONS
NA		JHE		

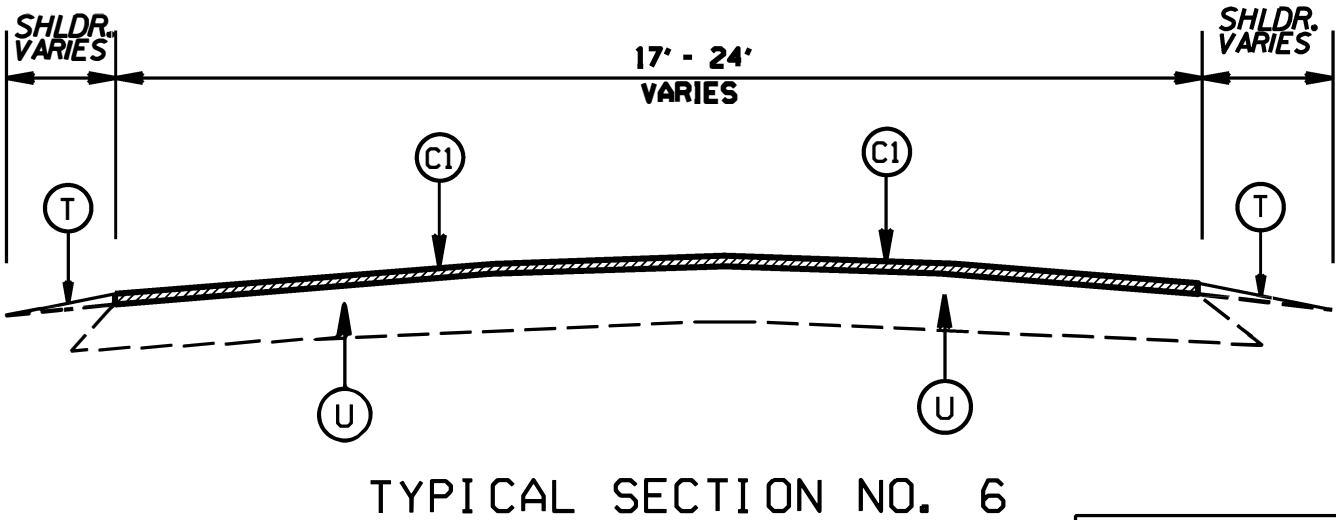


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

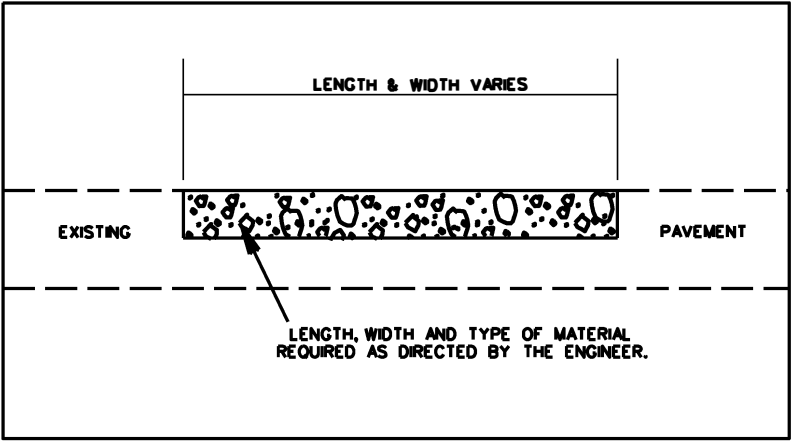
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



YOUNGBLOOD ROAD WEST



PATCHING DETAIL



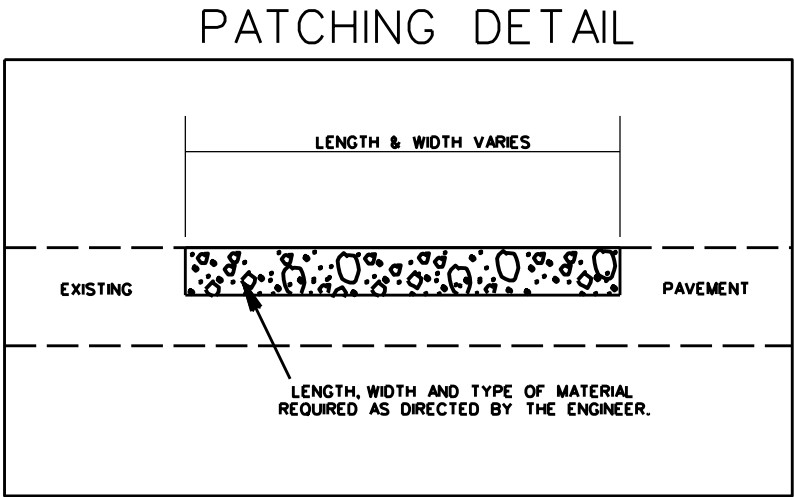
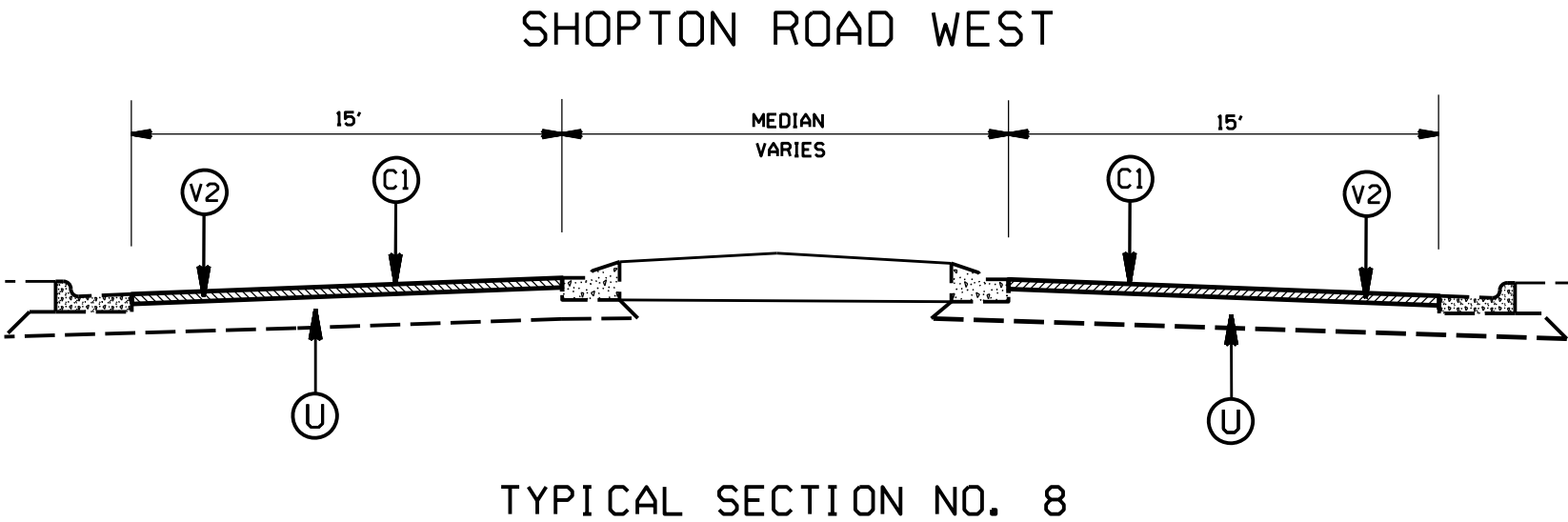
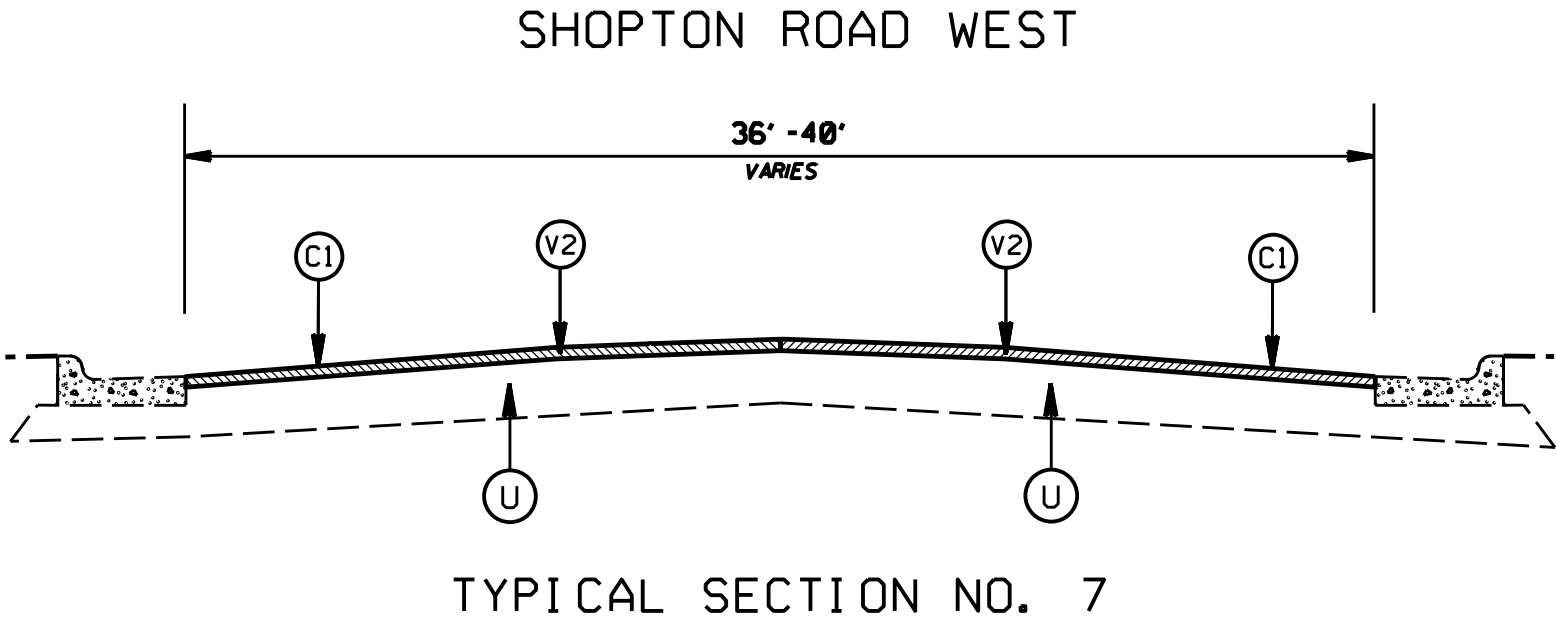
2026 MECKLENBURG COUNTY
RESURFACING CONTRACT 2

SCALE	DATE	DESIGN BY	APPROVED	REVISIONS
NA		JHE		



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		12	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

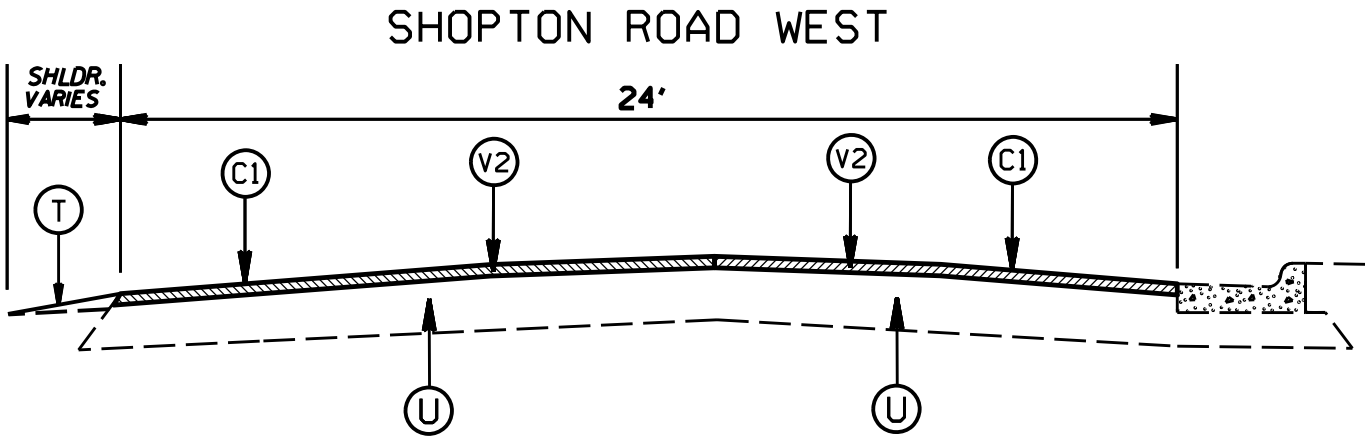
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



2026 MECKLENBURG COUNTY RESURFACING CONTRACT 2			
SCALE	DATE		REVISIONS
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

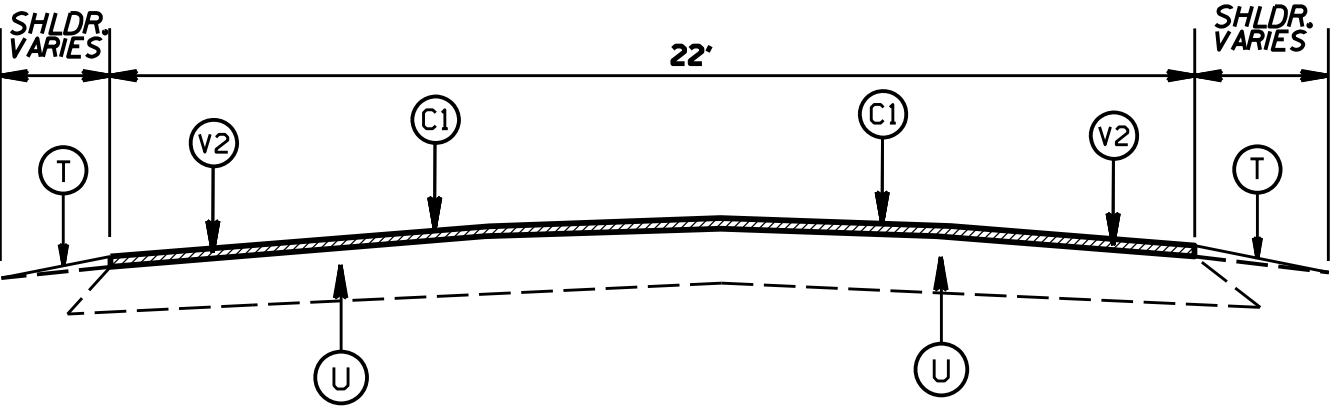
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

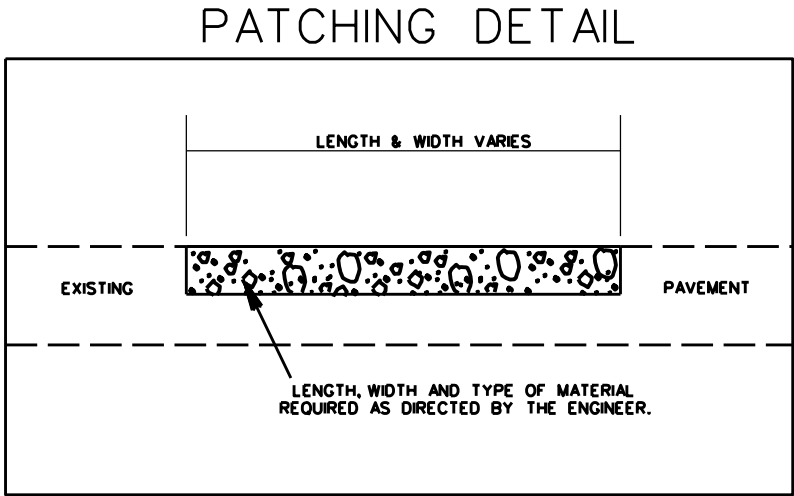


TYPICAL SECTION NO. 9

SHOPTON ROAD WEST



TYPICAL SECTION NO. 10



2026 MECKLENBURG COUNTY
RESURFACING CONTRACT 2

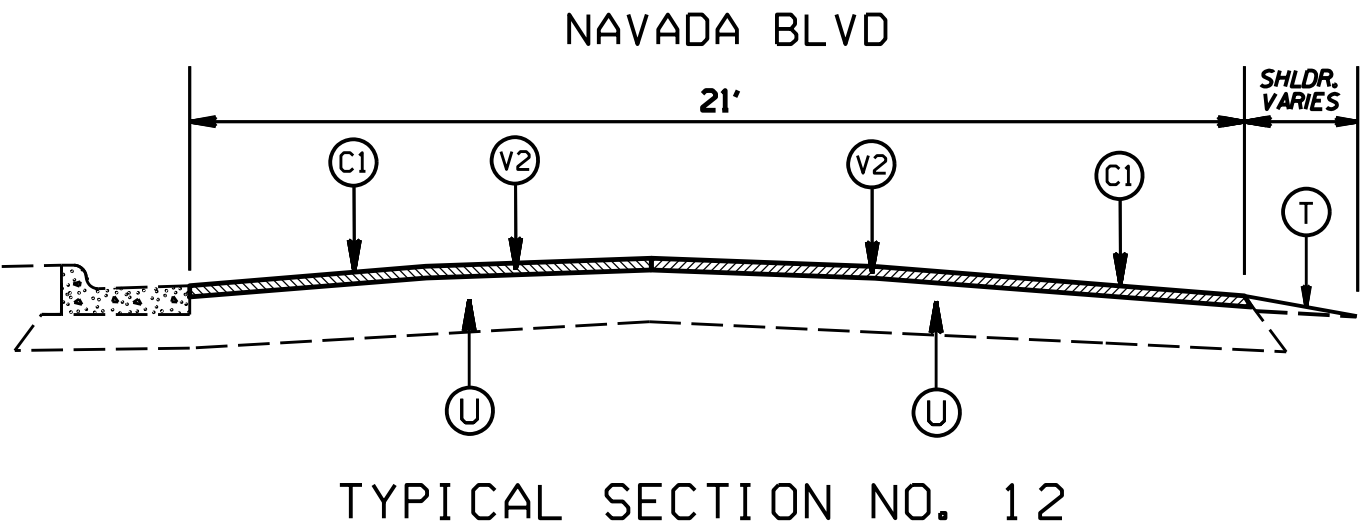
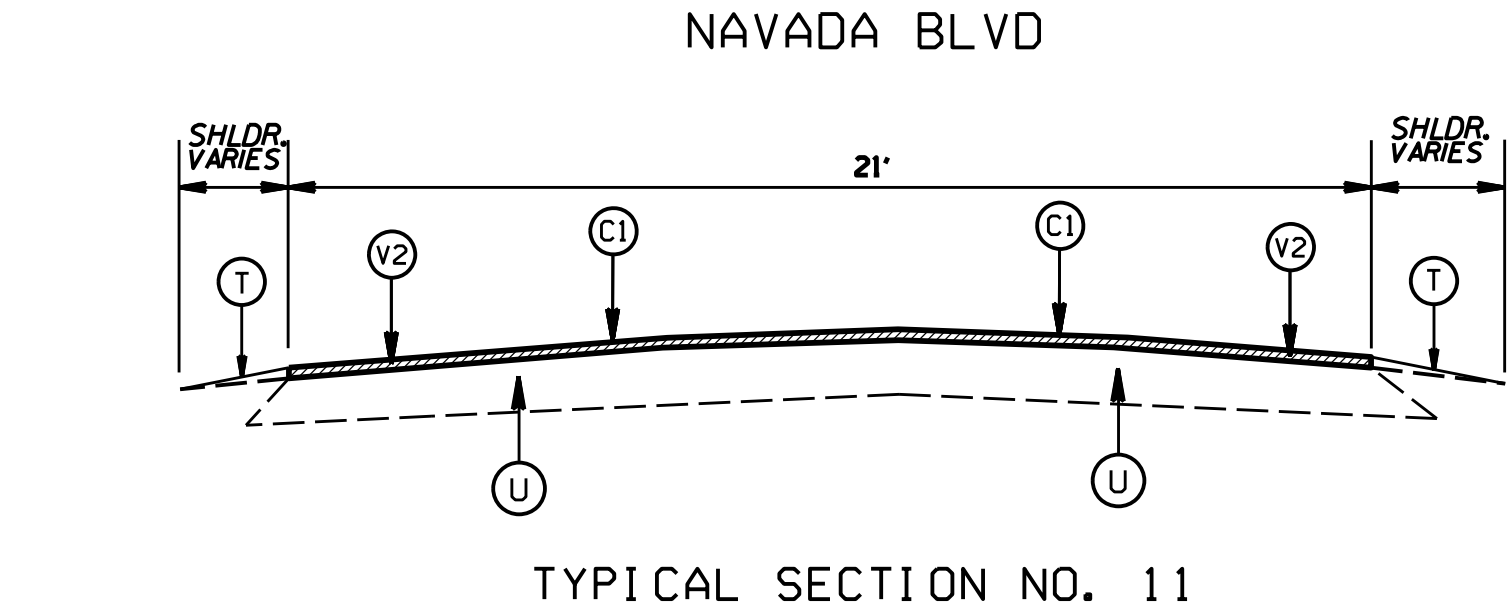
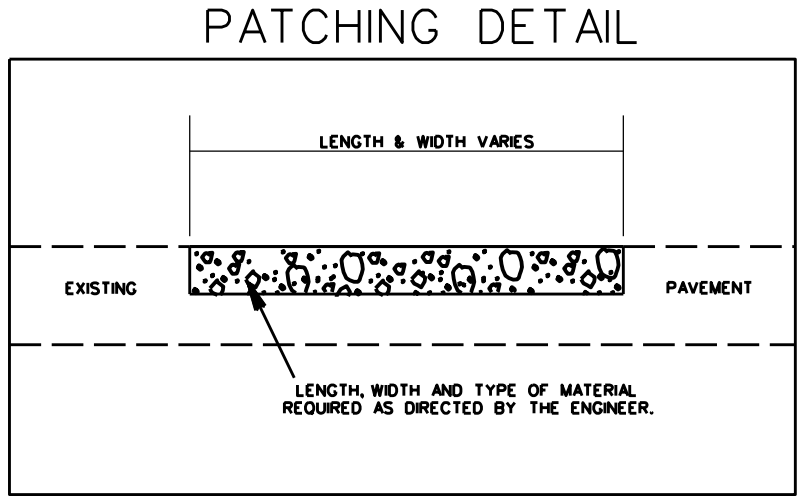
SCALE	-NA-
DATE	
DWG. BY	JHE
DESIGN BY	
APPROVED	



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		14	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

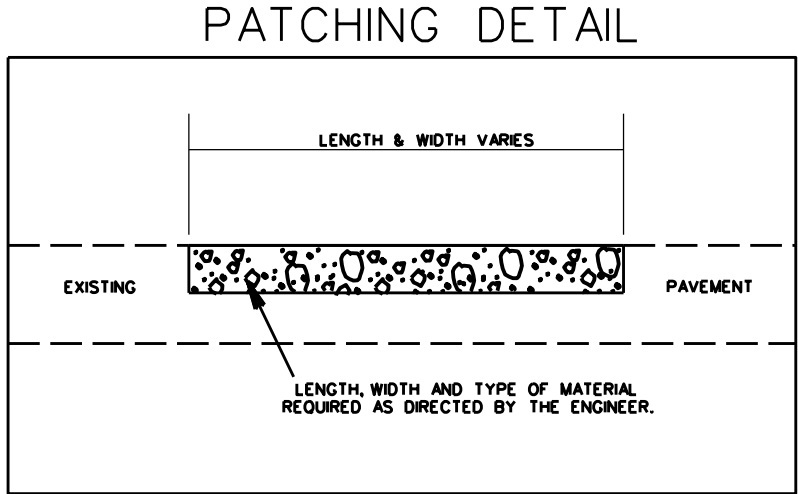
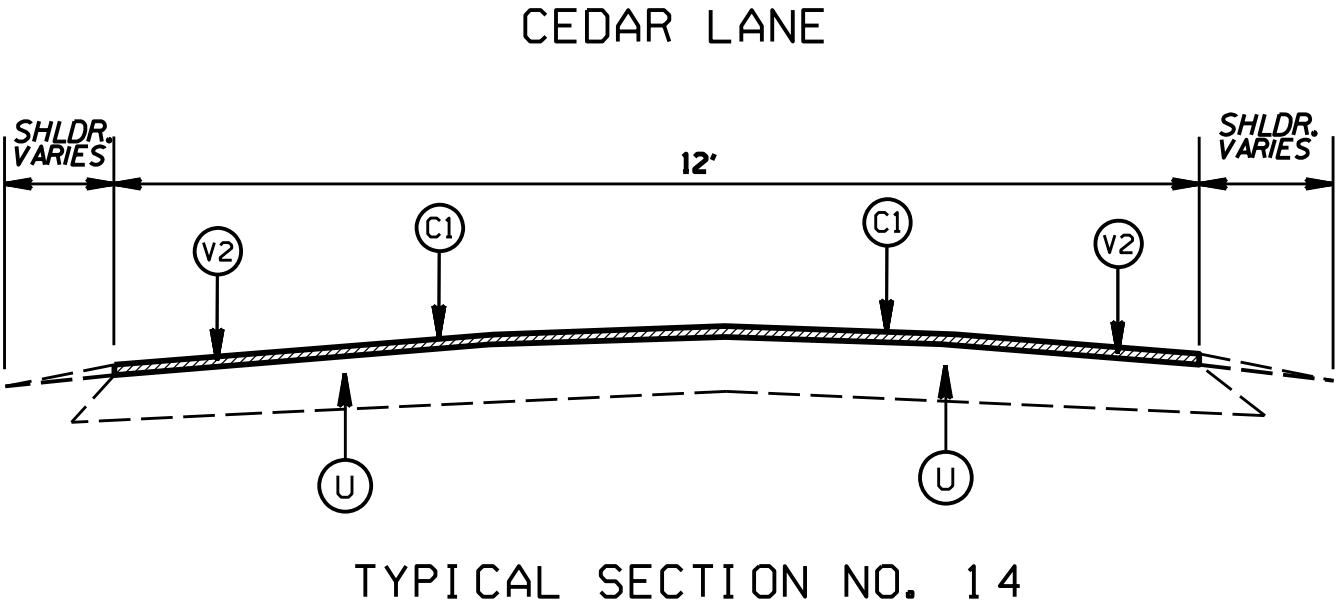
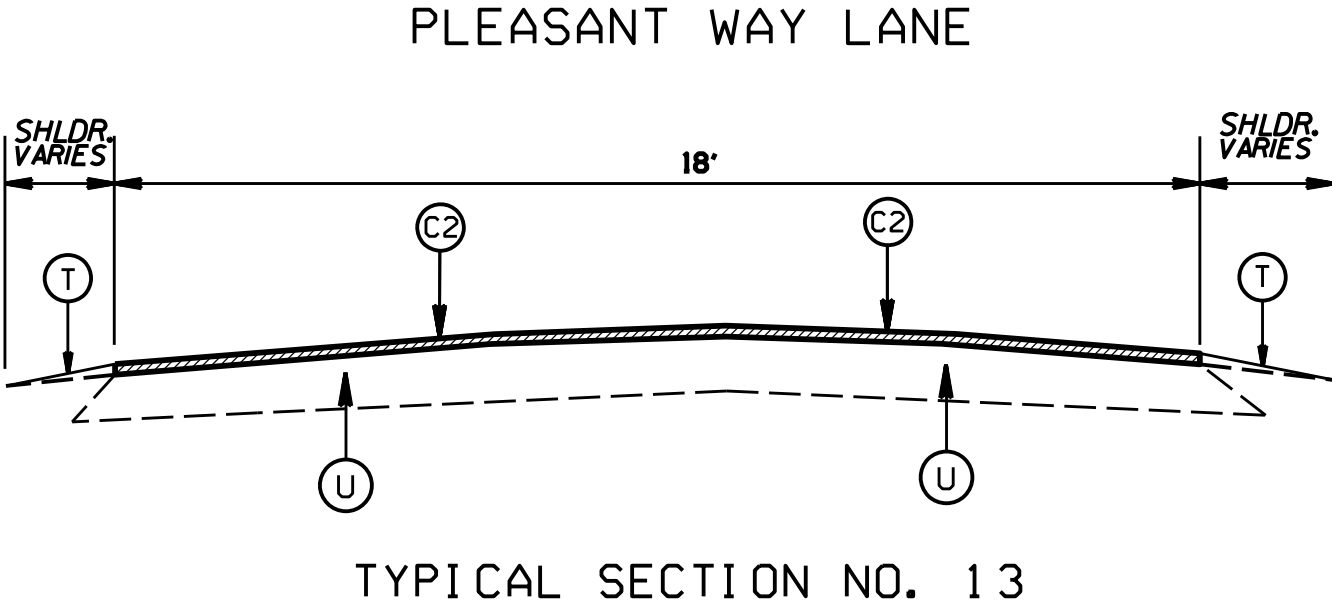
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



2026 MECKLENBURG COUNTY RESURFACING CONTRACT 2		
SCALE	NA	REVISIONS
DATE		
DWG. BY	JHE	
DESIGN BY		
APPROVED		

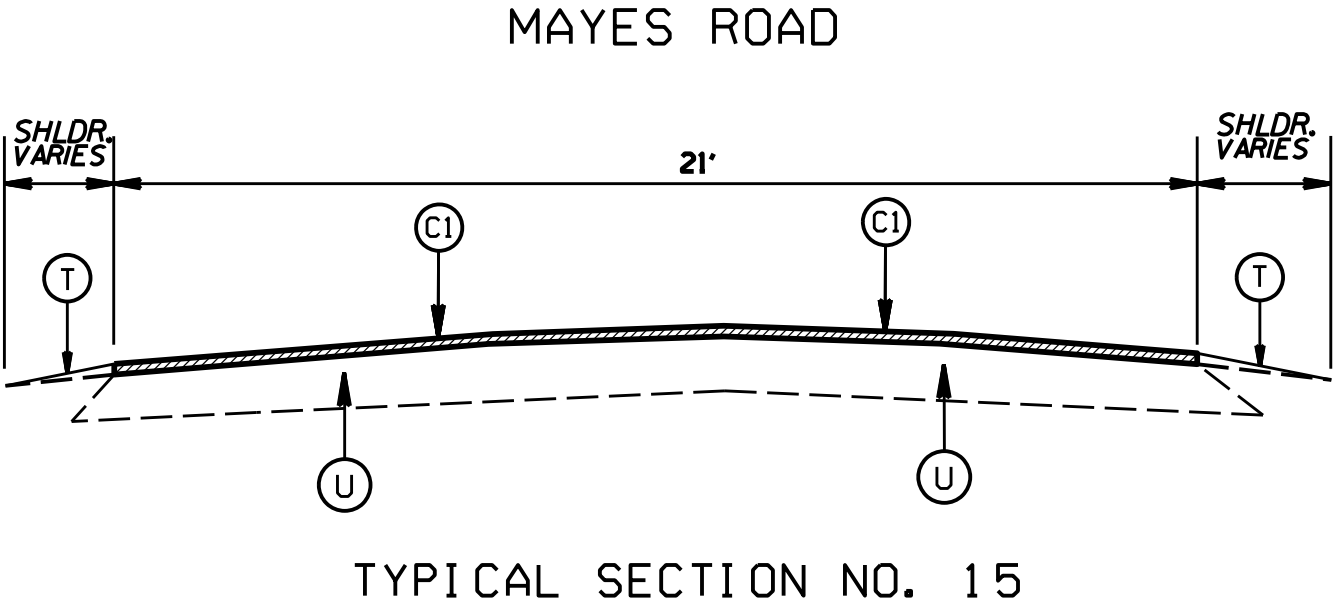
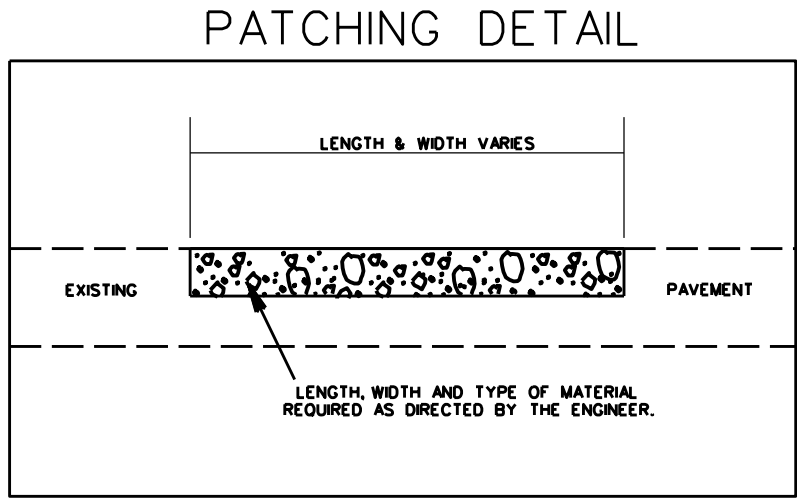


PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		16	25
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



2026 MECKLENBURG COUNTY
RESURFACING CONTRACT 2

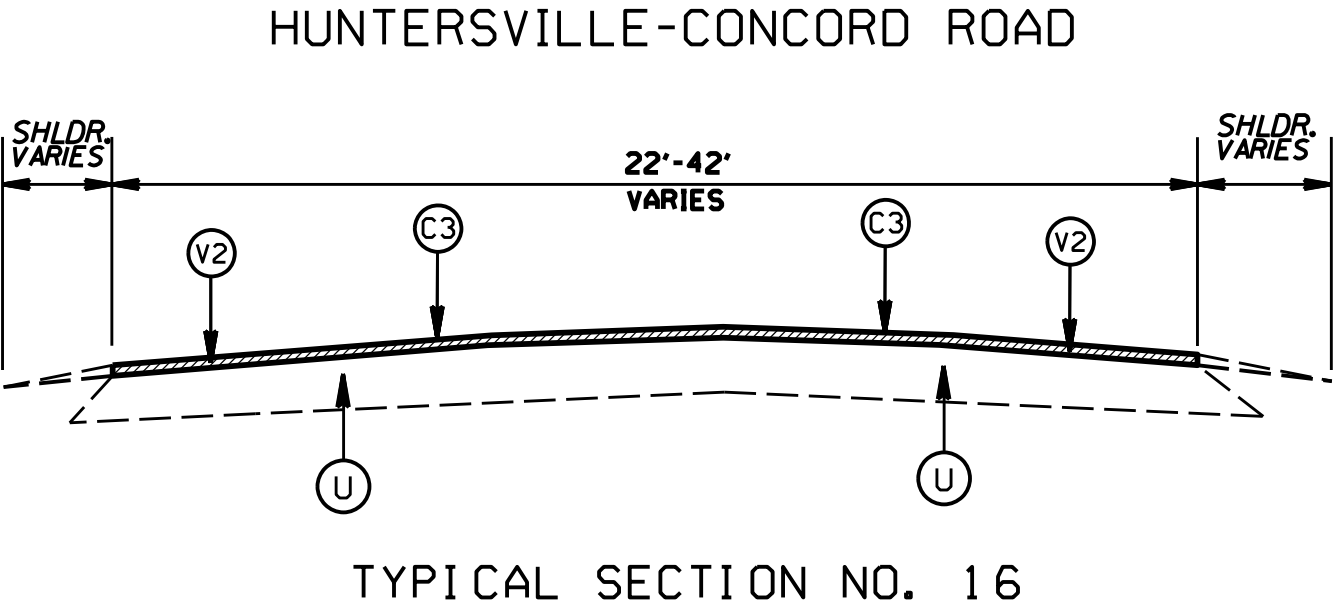
SCALE	NA
DATE	
DWG. BY	JHE
DESIGN BY	
APPROVED	



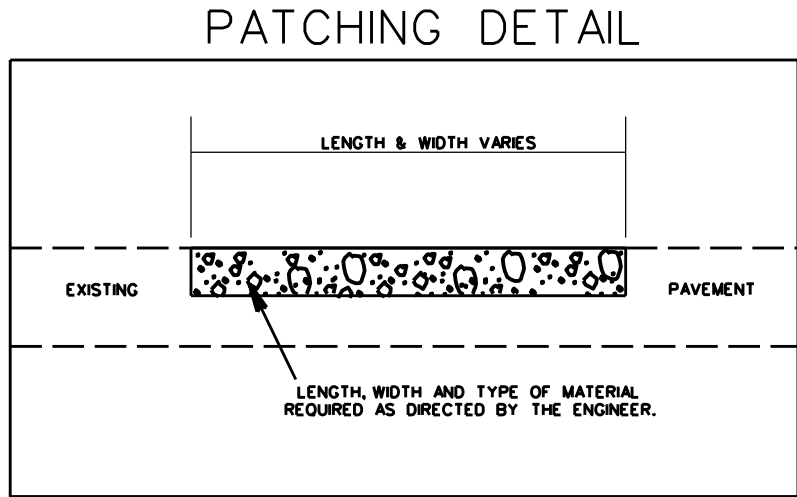
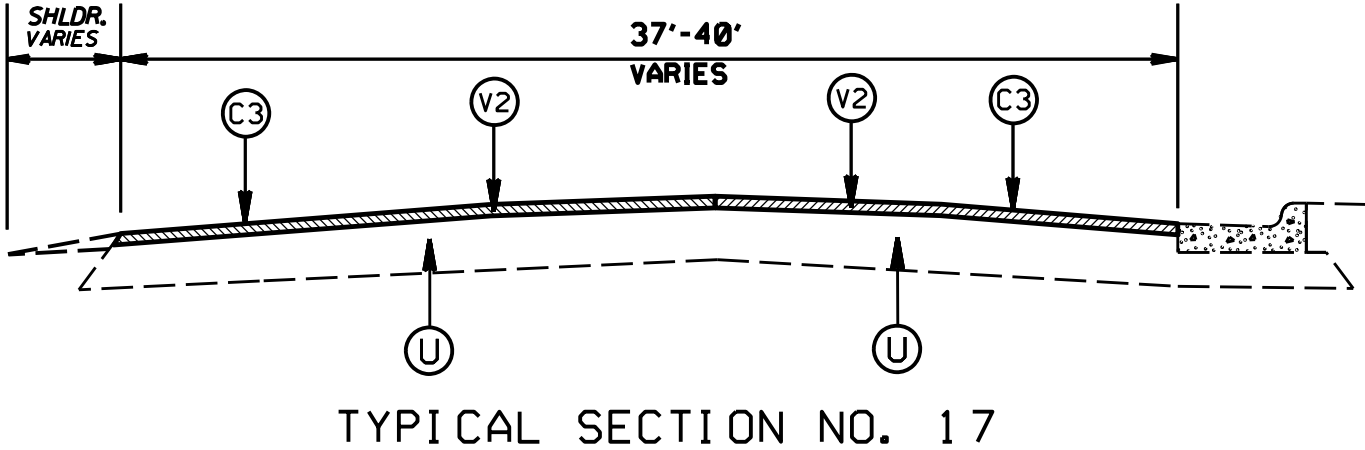
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		17	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

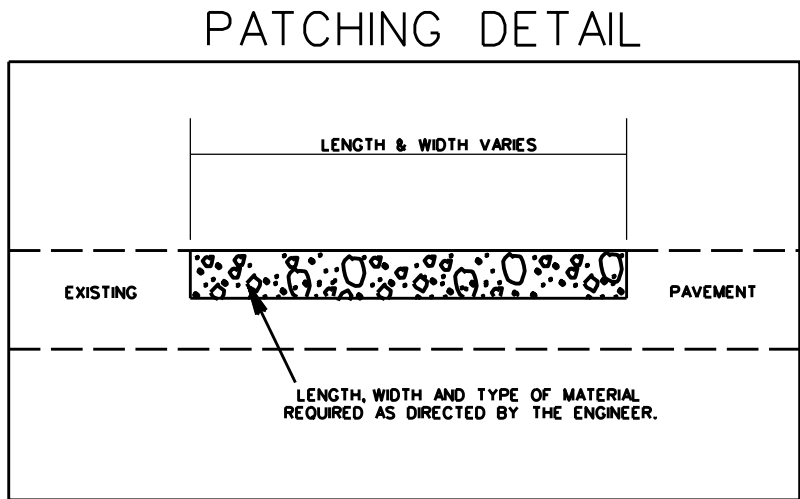


HUNTERSVILLE-CONCORD ROAD

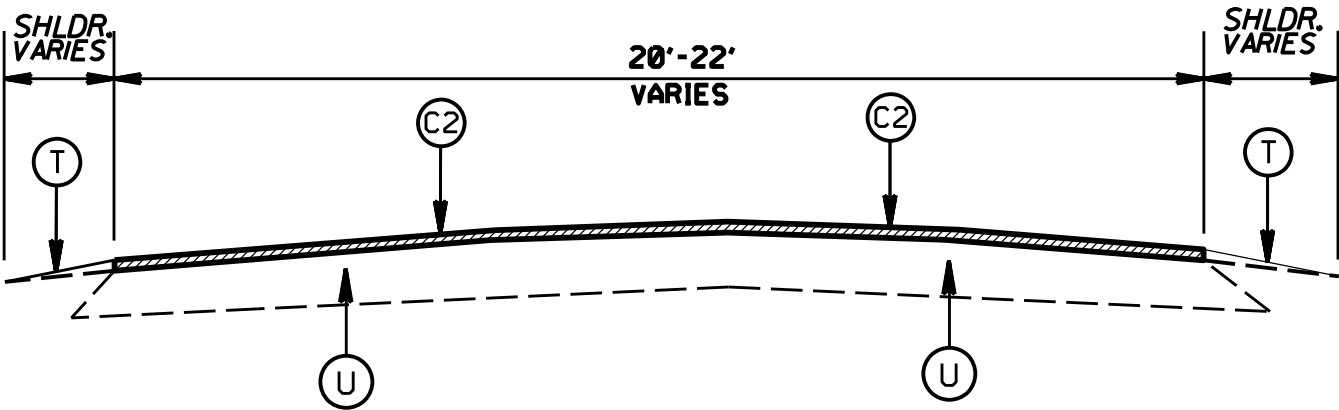


2026 MECKLENBURG COUNTY RESURFACING CONTRACT 2		
SCALE	-NA-	
DATE		
DWG. BY	JHE	
DESIGN BY		
APPROVED		

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

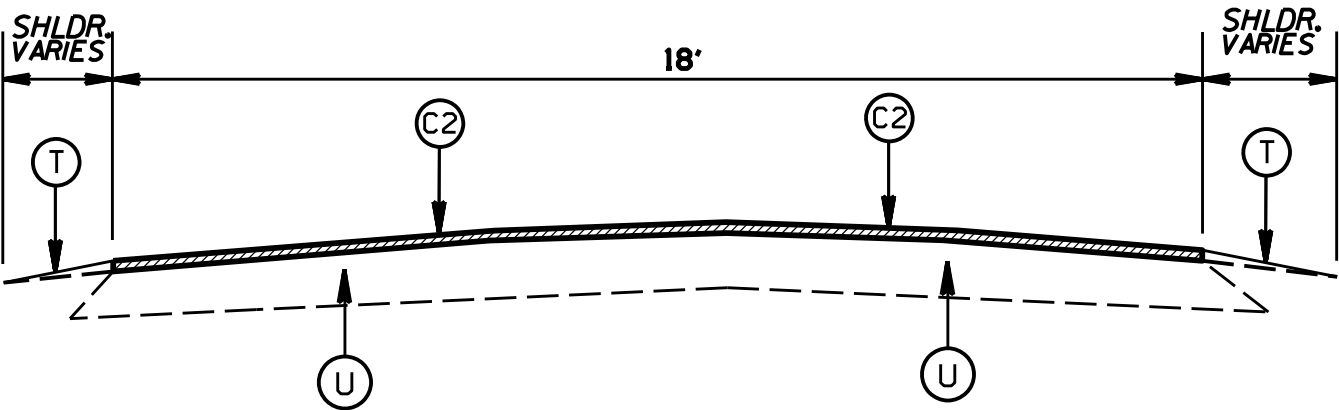


SIMS ROAD
DORI DRIVE



TYPICAL SECTION NO. 18

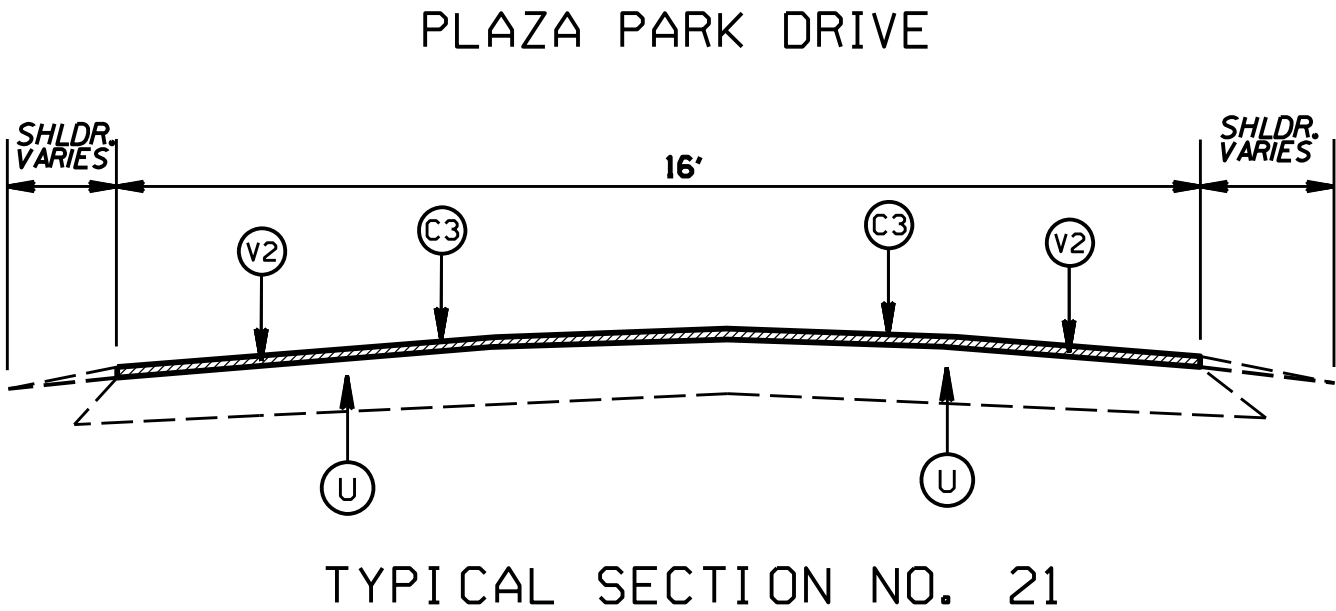
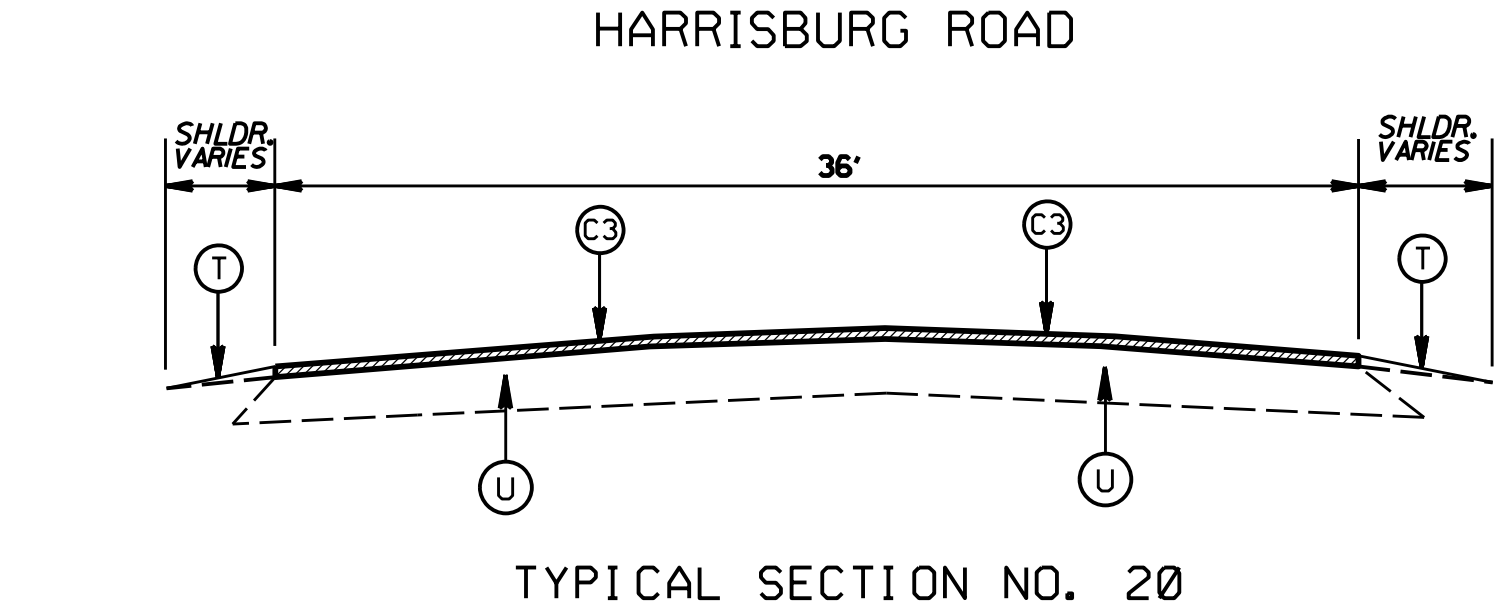
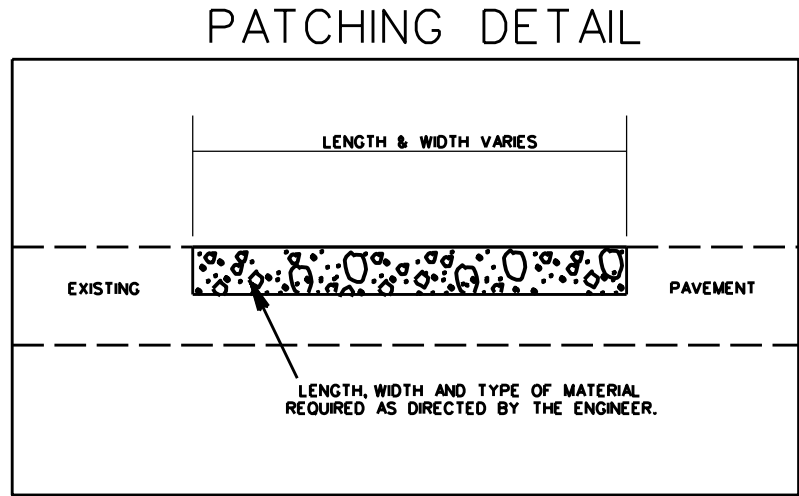
HOMEWOOD DRIVE



TYPICAL SECTION NO. 19

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		19	25
WBS NO.	2026CPT.10.09.10601 2026CPT.10.09.20601		

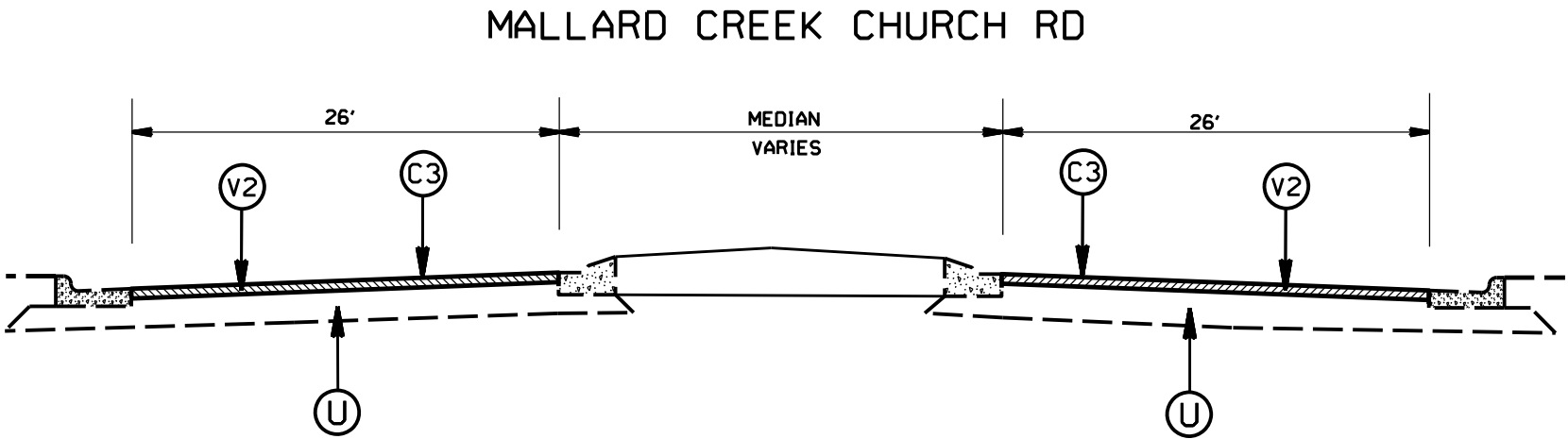
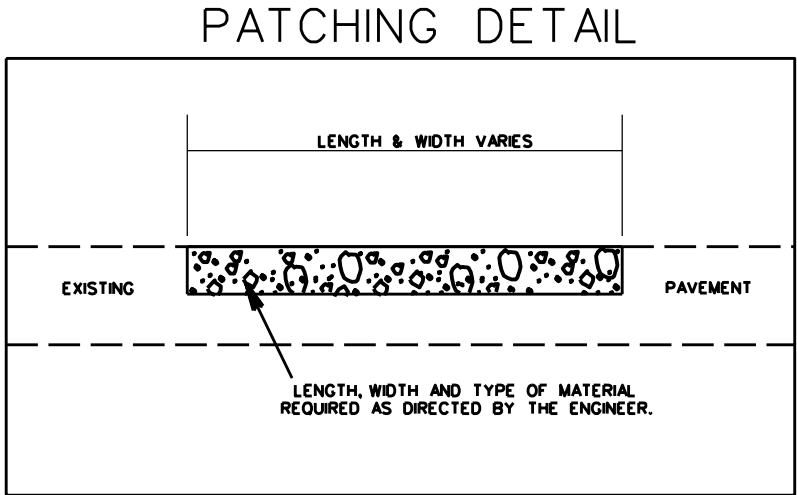
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH



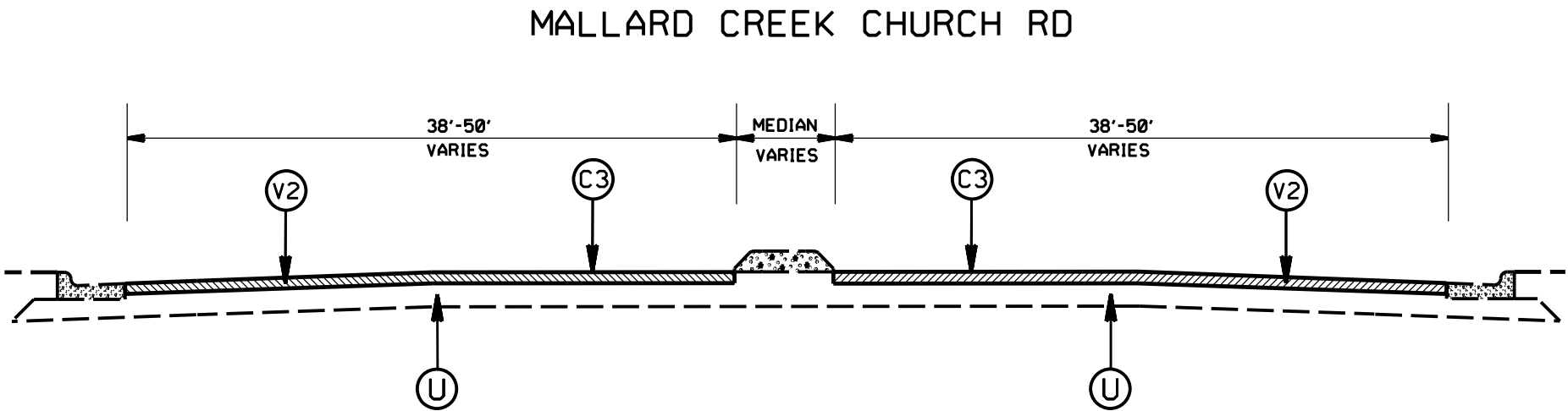
2026 MECKLENBURG COUNTY RESURFACING CONTRACT 2			REVISIONS	
SCALE	-NA-			
DATE				
DWG. BY	JHE			
DESIGN BY				
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		20	25
WBS NO. 2026CPT.10.09.10601 2026CPT.10.09.20601			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
V2	MILLING 1.5" DEPTH

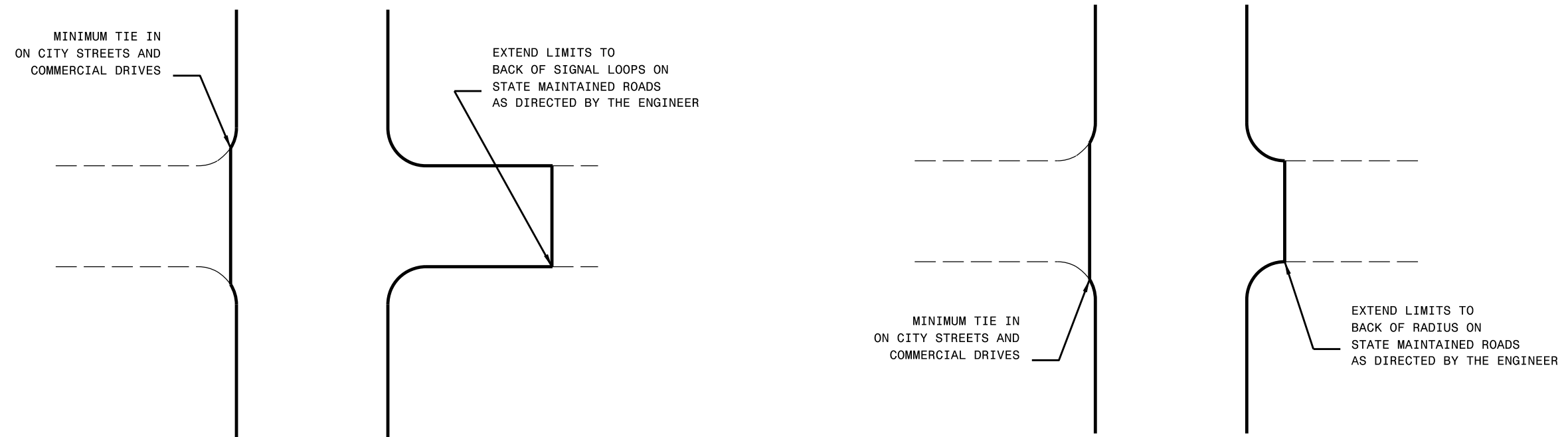


TYPICAL SECTION NO. 22



TYPICAL SECTION NO. 23

2026 MECKLENBURG COUNTY RESURFACING CONTRACT 2			
SCALE	-NA-		REVISIONS
DATE			
DWG. BY	JHE		
DESIGN BY			
APPROVED			

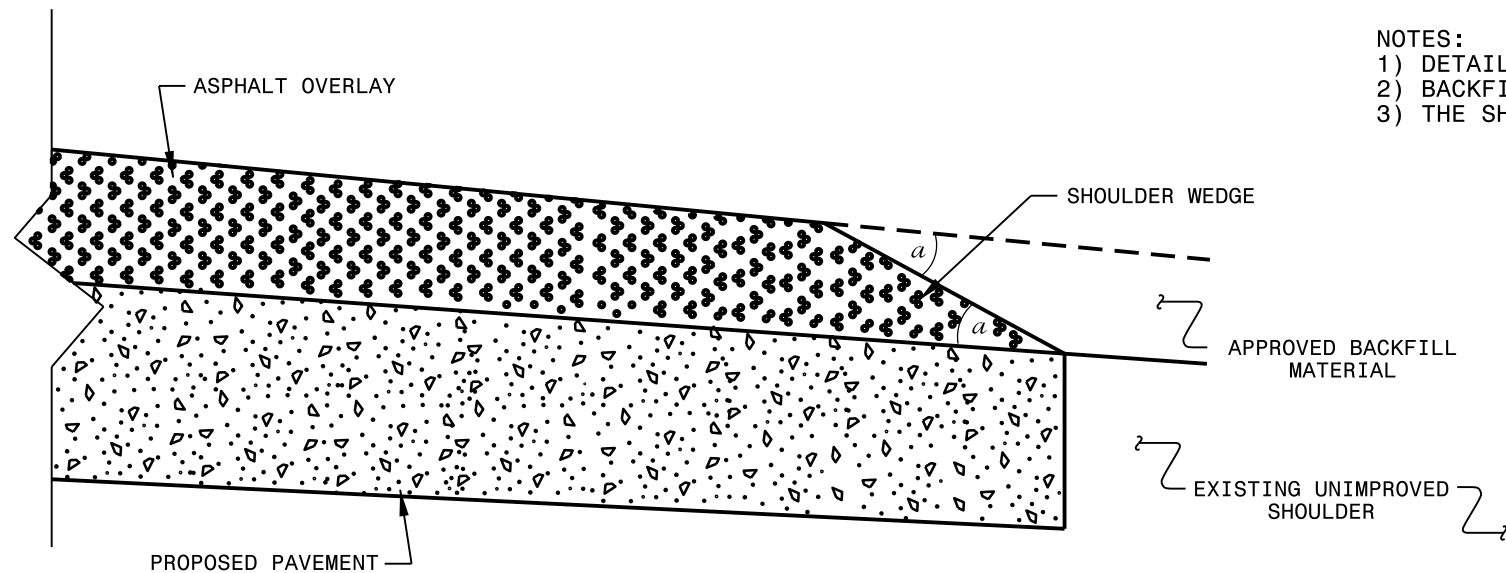


TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES

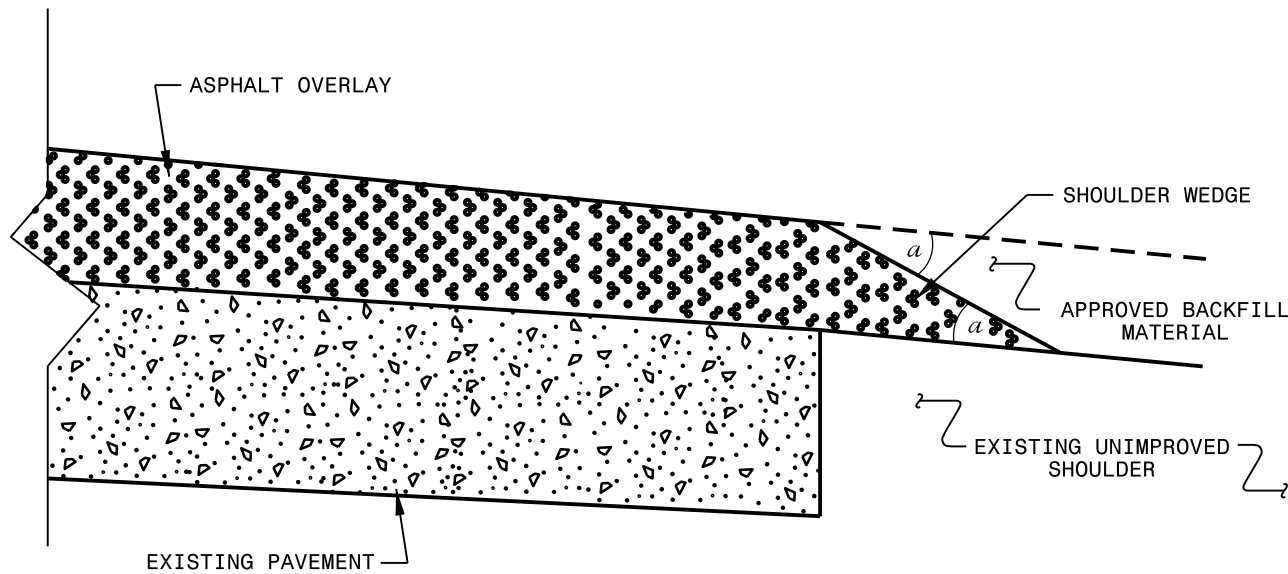
TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

[illegible]

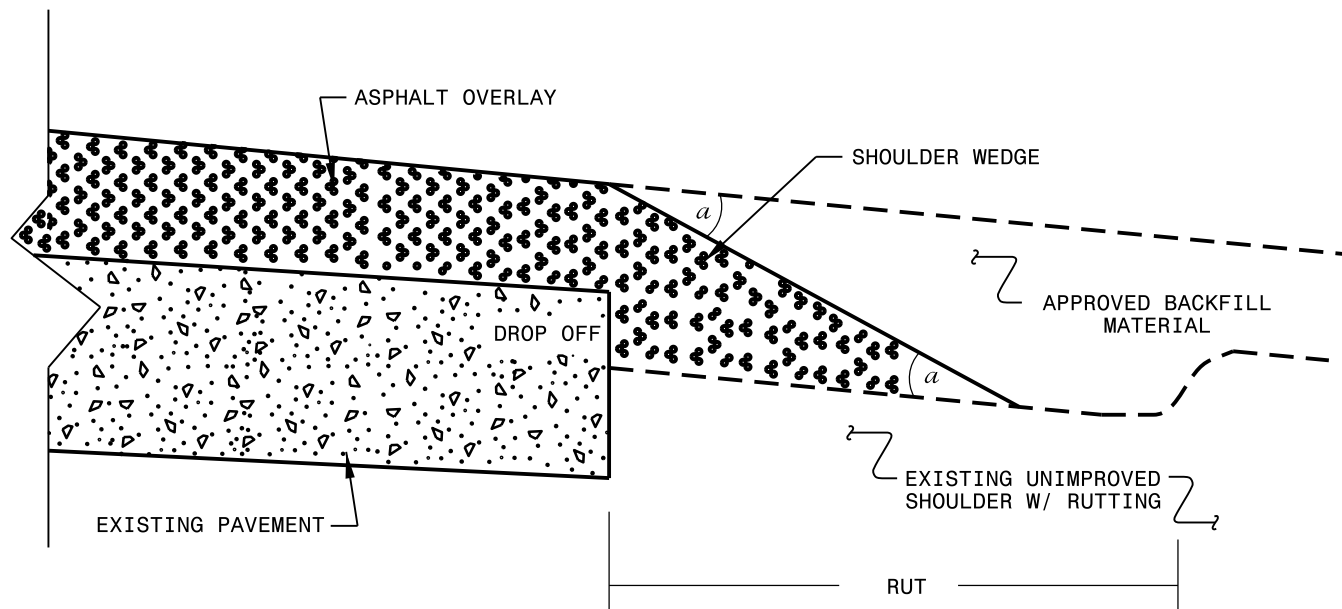
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		23	25
WBS NO. 2026CPT.10.09.10601			

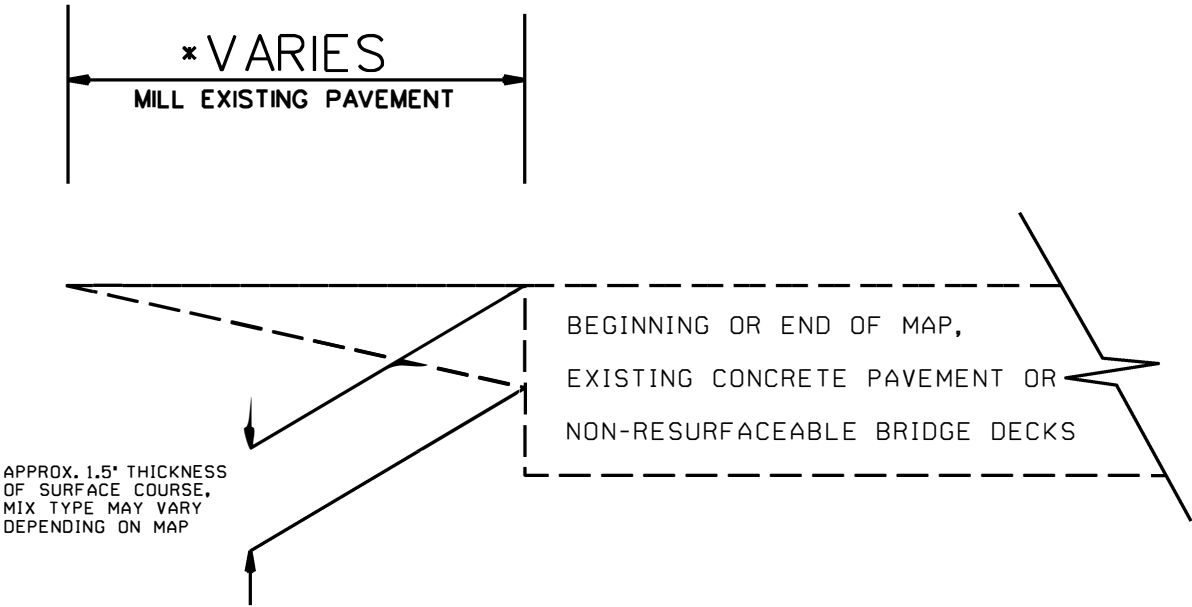
INCIDENTAL MILLING

NOTES:

FOR SURFACE MIXES OVER 1" IN THICKNESS, MILL THE EXISTING PAVEMENT IN ACCORDANCE WITH THE FOLLOWING SKETCH AS DIRECTED BY THE ENGINEER.

LOCATIONS SHALL INCLUDE TIES INTO EXISTING CONCRETE PAVEMENT AT BRIDGE APPROACHES WHERE THE BRIDGE WILL NOT BE RESURFACED, AND AT THE BEGINNING AND ENDING POINT OF EACH RESURFACING MAP.

PERFORM THE WORK IN ACCORDANCE WITH SECTION 607 OF THE JANUARY 2018 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. RESURFACING WILL BE ACCOMPLISHED AT THE SAME TIME AS THE MILLING OPERATION.



2026 MECKLENBURG COUNTY
RESURFACING CONTRACT #2

SCALE		REVISIONS	
DATE			
DWG. BY JHE			
DESIGN BY			
APPROVED			

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.10.09.10601	24	25
2026CPT.10.09.20601		

SUMMARY OF QUANTITIES

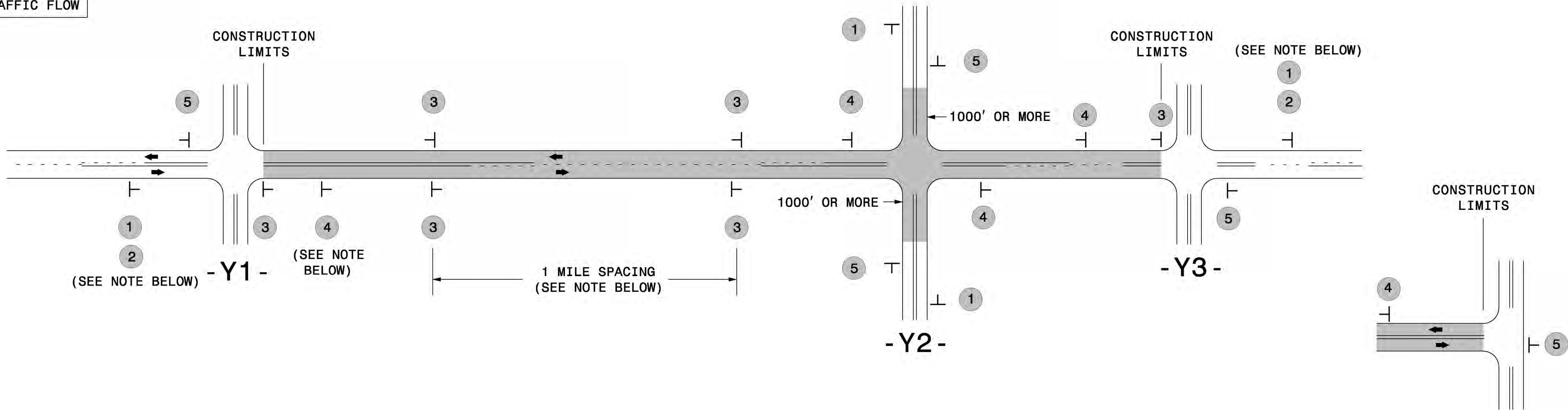
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANE S	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	01060000000-E	12200000000-E	12450000000-E	12600000000-E	12970000000-E	13300000000-E	15190000000-E	15230000000-E	15750000000-E	17040000000-E	26120000000-E	28300000000-N	28450000000-N	52550000000-N	60840000000-E	74440000000-E
								MI	FT			CY	TONS	SMI	TON	SY	SY	TONS	TONS	TONS	TONS	SY	EA	EA	LS	AC	LF
2026CPT.10.09.10601	Mecklenburg	1	NB US-21 STATESVILLE ROAD (20000021060)	FROM BEGIN CONCRETE ISLAND TO END CONCRETE ISLAND	1	2	MD	0.51	28	25.48	25.99					7,824	5,005		1,186	70			1	2	0.10		1,488
TOTAL FOR MAP NO. 1								0.51								7,824	5,005		1,186	70			1	2	0.10		1,488
2026CPT.10.09.10601	Mecklenburg	2	NB US-21 STATESVILLE ROAD (20000021060)	FROM WESTMORELAND ROAD TO CATAWBA AVE	1	2	2WU	1.38	26	27.27	28.65					26,111	632		2,471	146					0.10		886
TOTAL FOR MAP NO. 2								1.38								26,111	632		2,471	146					0.10		886
2026CPT.10.09.10601	Mecklenburg	3	WB NC-24 W.T. HARRIS BLVD (30600024060)	FROM MALLARD CREEK ROAD TO OLD SUGAR CREEK ROAD	2,3	2	MD	1.75	36	18.03	19.78					32,140	8,097		3,718	231	250				0.10		
TOTAL FOR MAP NO. 3								1.75								32,140	8,097		3,718	231	250				0.10		
2026CPT.10.09.10601	Mecklenburg	4	NC-51 MATTHEWS - MINT HILL ROAD (30000051060)	FROM PHILLIPS ROAD TO BLACKSMITH CT	4,5	2	2WU	0.48	24	14.68	15.16					9,573	53		889	62	200				0.10		414
TOTAL FOR MAP NO. 4								0.48								9,573	53		889	62	200				0.10		414
TOTAL FOR PROJ NO. 2026CPT.10.09.10601								4.12								75,648	13,787		8,264	509	450		1	2	0.40		2,788
2026CPT.10.09.20601	Mecklenburg	5	SR-1101 / YOUNGBLOOD RD WEST (40001101060)	FROM YOUNGBLOOD ROAD TO THERAN LANE	6	2	2WU	0.52	16	0.00	0.52	71	15	0.96												0.29	
TOTAL FOR MAP NO. 5								0.52				71	15	0.96												0.29	
2026CPT.10.09.20601	Mecklenburg	6	SR-1116 / SHOPTON RD WEST (40001116060)	FROM KIRKWYRD COMMONS DRIVE TO DAN CAUDLE ROAD	7,8,9,10	2	2WU	0.86	20	0.00	0.86		15	0.54	111	15,433	1,118	1,502		112	300	10		1	0.10		
TOTAL FOR MAP NO. 6								0.86					15	0.54	111	15,433	1,118	1,502		112	300	10		1	0.10		
2026CPT.10.09.20601	Mecklenburg	7	SR-1347 / NEVADA BLVD (40001347060)	FROM S. TRYON ST. TO GRANITE ST.	11,12	2	2WU	1.21	22	0.00	1.21			1.93	200	15,170	532	1,425		97	100		1	1	0.10		
TOTAL FOR MAP NO. 7								1.21						1.93	200	15,170	532	1,425		97	100		1	1	0.10		
2026CPT.10.09.20601	Mecklenburg	8	SR-1423 / PLEASANT WAY LN (40001423060)	FROM SHOPTON ROAD TO END OF MAINTENANCE	13	2	2WU	0.2	20	0.00	0.20	26	35	0.36						11		10				0.06	
TOTAL FOR MAP NO. 8								0.2				26	35	0.36						11		10				0.06	
2026CPT.10.09.20601	Mecklenburg	9	SR-2799 / CEDAR LANE (40002799060)	FROM DOGWOOD LN TO END OF MAINTENANCE	14	2	2WU	0.11	18	0.00	0.11					870	62	85		6							
TOTAL FOR MAP NO. 9								0.11								870	62	85		6							
2026CPT.10.09.20601	Mecklenburg	10	SR-2433 / MAYES ROAD (40002433060)	FROM OLD STATESVILLE ROAD TO PAVEMENT JOINT AT WESTMORELAND RD	15	2	2WU	1.01	18	0.00	1.01		60	1.88	388			258	1,205		88	200	20				
TOTAL FOR MAP NO. 10								1.01					60	1.88	388			258	1,205		88	200	20				
2026CPT.10.09.20601	Mecklenburg	11	SR-2426 / HUNTERSVILLE-CONCORD RD (40002426060)	FROM MCAULEY ROAD TO CABARRUS COUNTY LINE	16,17	2	2WU	1.6	20	1.58	3.18					22,080	1,270		2,158	139	250				0.10		
TOTAL FOR MAP NO. 11								1.6								22,080	1,270		2,158	139	250				0.10		
2026CPT.10.09.20601	Mecklenburg	12	SR-2774 / SIMS ROAD (40002774060)	FROM SR 2443 SIMS RD TO CUL-DE- SAC	18	2	2WU	0.33	22	0.00	0.33	42	10	0.57				75	360		31	150	30			0.17	
TOTAL FOR MAP NO. 12								0.33				42	10	0.57				75	360		31	150	30			0.17	
2026CPT.10.09.20601	Mecklenburg	13	SR-2775 / DORI DRIVE (40002775060)	FROM SIMS RD TO CUL-DE-SAC	18	2	2WU	0.1	20	0.00	0.10	16	10	0.21					127	11	50	20				0.06	
TOTAL FOR MAP NO. 13								0.1				16	10	0.21					127	11	50	20				0.06	
2026CPT.10.09.20601	Mecklenburg	14	SR-2670 / HOMEWOOD DRIVE (40002670060)	FROM BREEZEWOOD DR TO END OF MAINTENANCE	19	2	2WU	0.33	16	0.00	0.33	40	20	0.55				94	273		24	125	70		1	0.17	
TOTAL FOR MAP NO. 14								0.33				40	20	0.55				94	273		24	125	70		1	0.17	
2026CPT.10.09.20601	Mecklenburg	15	SR 2805 / HARRISBURG ROAD (40002805060)	FROM STARNES RANDALL ROAD TO END OF GORE	20	2	2WU	0.47	20	2.94	3.41			0.84	173			90		880	57	100			0.10		
TOTAL FOR MAP NO. 15								0.47						0.84	173			90		880	57	100			0.10		
2026CPT.10.09.20601	Mecklenburg	16	SR-2961 / PLAZA PARK DRIVE (40002961060)	FROM PLAZA ROAD EXTENSION TO CUL-DE-SAC	21	2	2WU	0.24	18	0.00	0.24					2,519	22	235		27	250						
TOTAL FOR MAP NO. 16								0.24								2,519	22	235		27	250						
2026CPT.10.09.20601	Mecklenburg	17	SR-5394 / WB MALLARD CREEK CHURCH RD (40005394060)	FROM UNIVERSITY CITY BLVD TO N. TRYON ST.	22,23	2	MD	1.25	28	0.00	1.25					18,321	3,644		2,030	134	300		2		0.10		1,224
TOTAL FOR MAP NO. 17								1.25								18,321	3,644		2,030	134	300		2		0.10		1,224
2026CPT.10.09.20601	Mecklenburg	18	SR-5394 / EB MALLARD CREEK CHURCH RD (40405394060)	FROM N. TRYON STREET TO UNIVERSITY CITY BLVD	22,23	2	MD	1.25	28	0.00	1.25					17,480	5,475		2,121	140	300		2		0.10		1,356
TOTAL FOR MAP NO. 18								1.25								17,480	5,475		2,121	140	300		2		0.10		1,356
TOTAL FOR PROJ NO. 2026CPT.10.09.20601								9.48				195	165	7.84	872	91,873	12,848	6,022	7,189	934	2,450	160	5	3	0.60	0.75	2,580
GRAND TOTAL								13.6				195	165	7.84	872	167,521	26,635	6,022	15,453	1,443	2,900	160	6	5	1.00	0.75	5,368

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

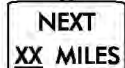
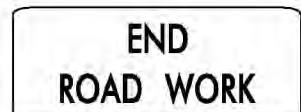
DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1  W20-1 48" X 48" 2  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"

PLACED 500' IN ADVANCE
OF FLAGGER.


W20-7 A
48" X 48"

PLACED 250' IN ADVANCE
OF FLAGGER.

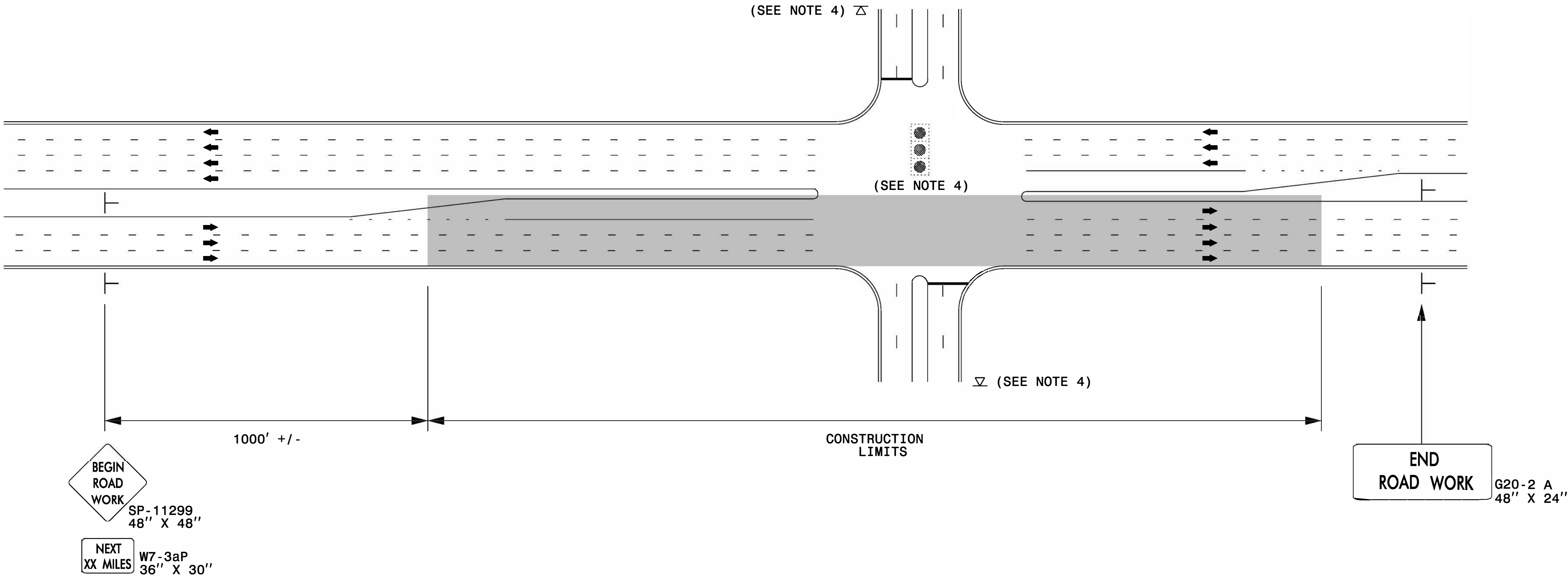


AD



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

URBAN / SUBURBAN WORKZONES



NOTES:

- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

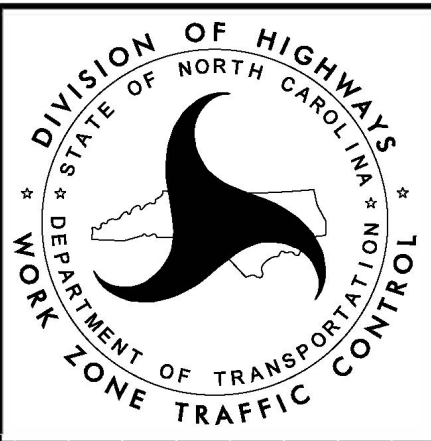
LEGEND

└

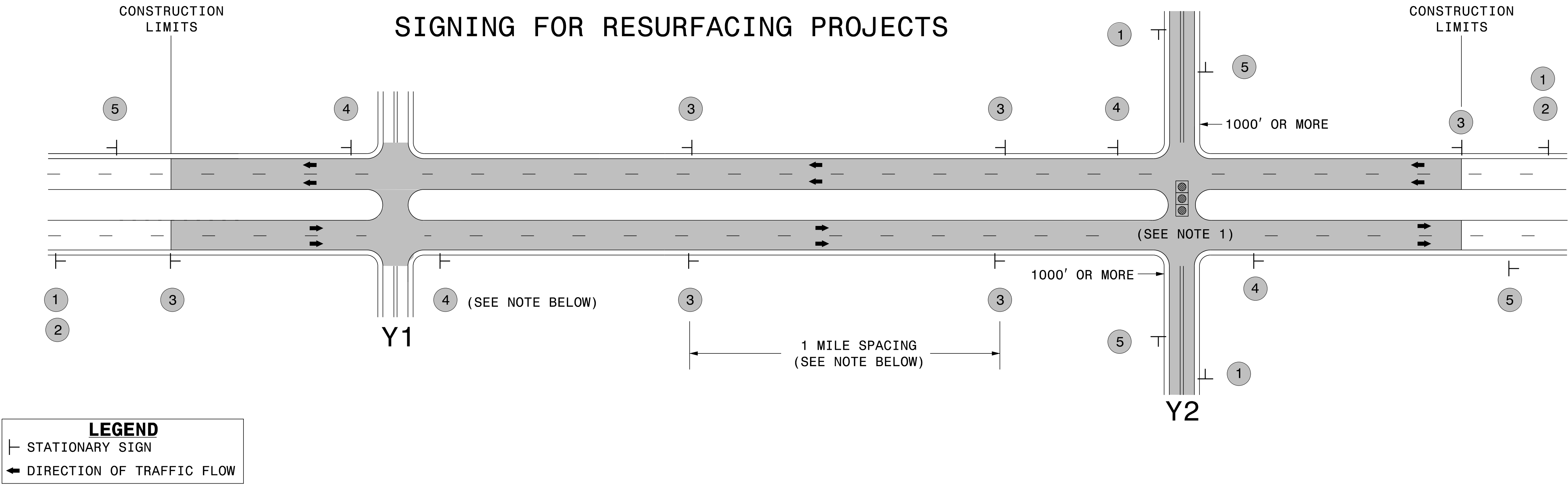
STATIONARY SIGN

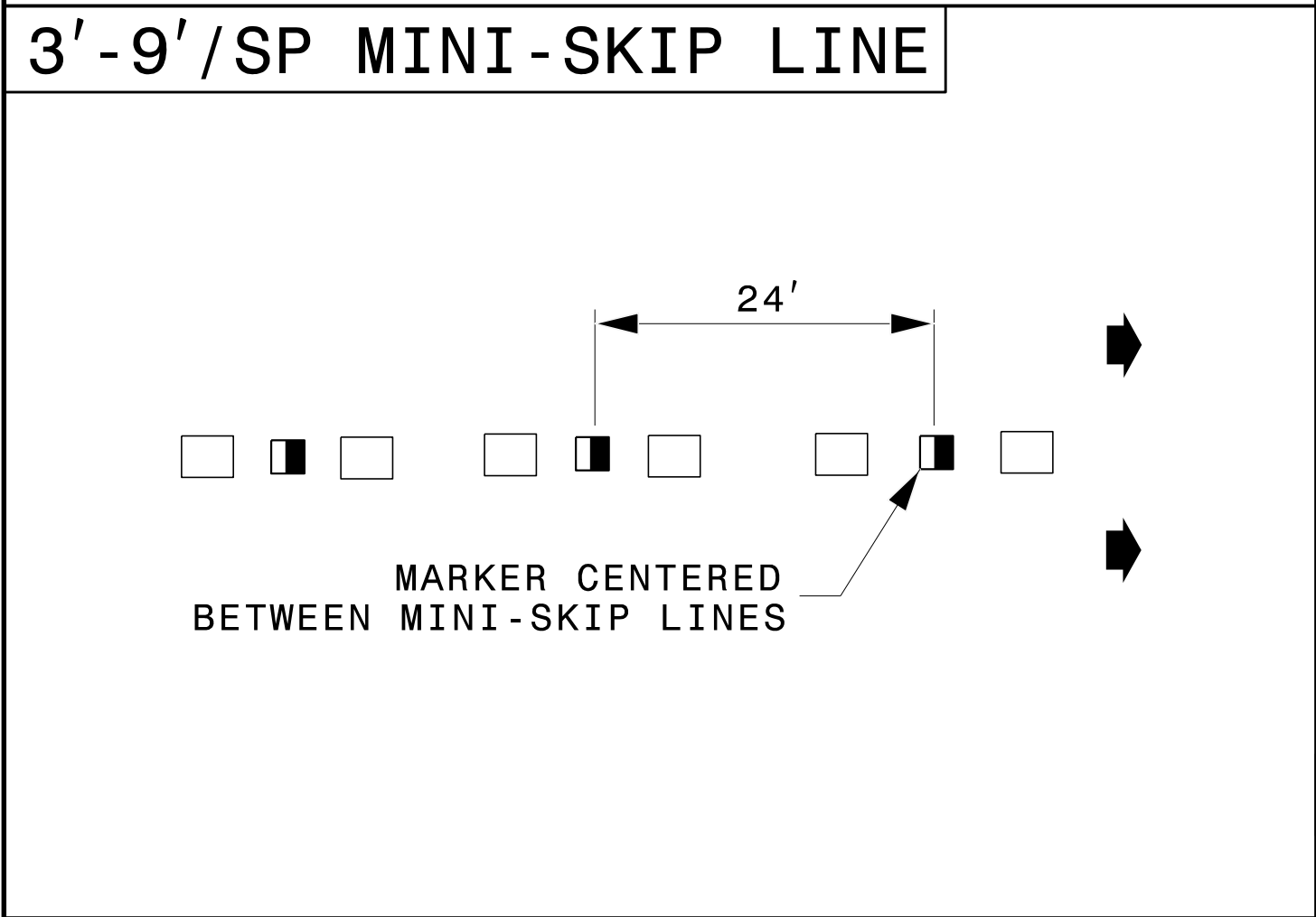
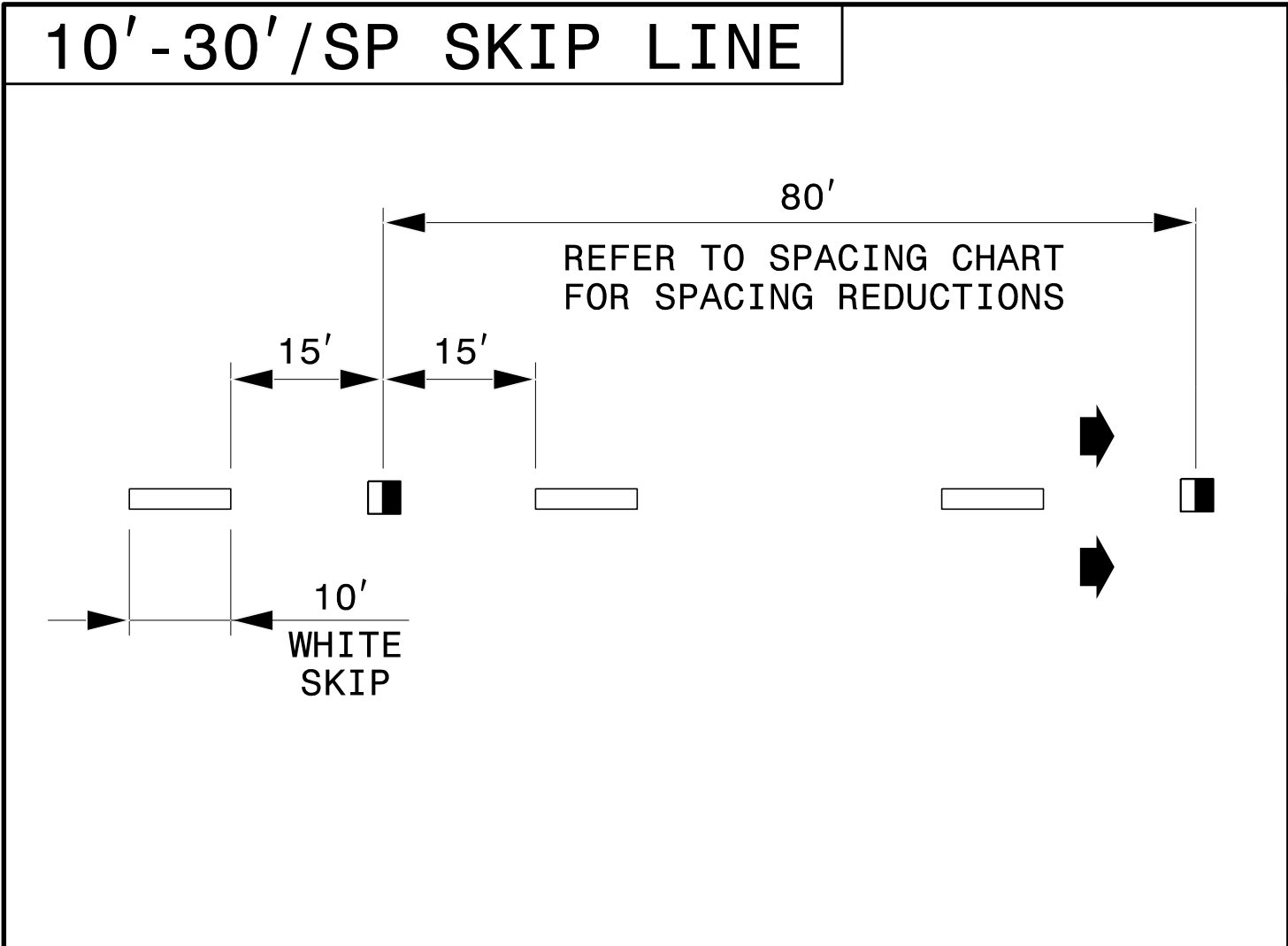
➡

DIRECTION OF TRAFFIC FLOW



RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES



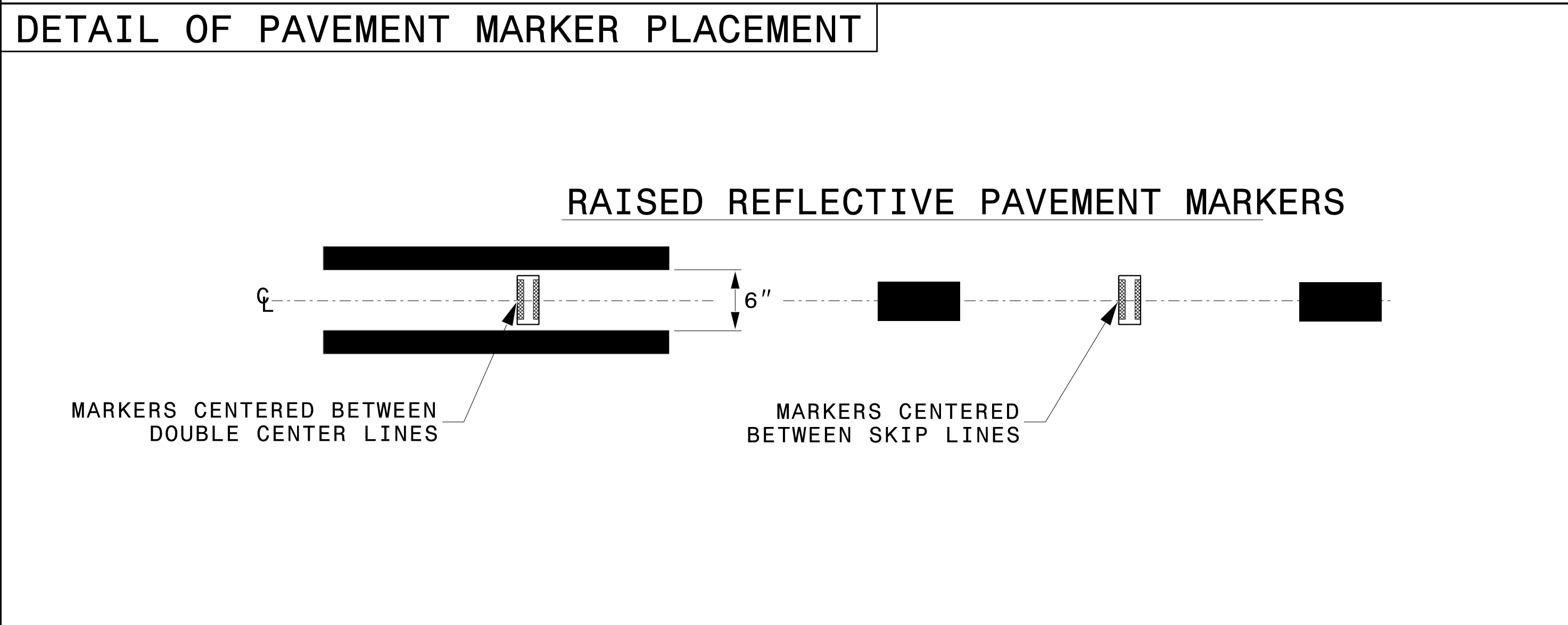
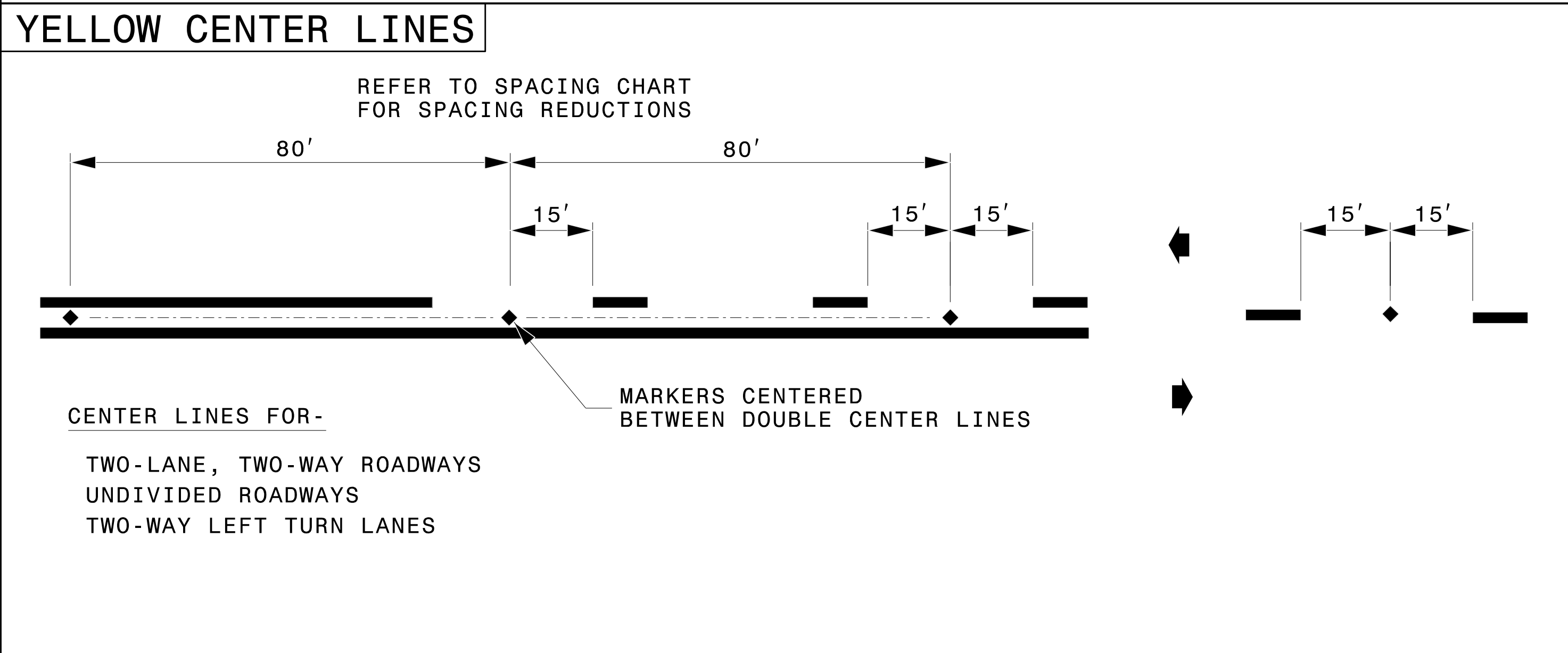
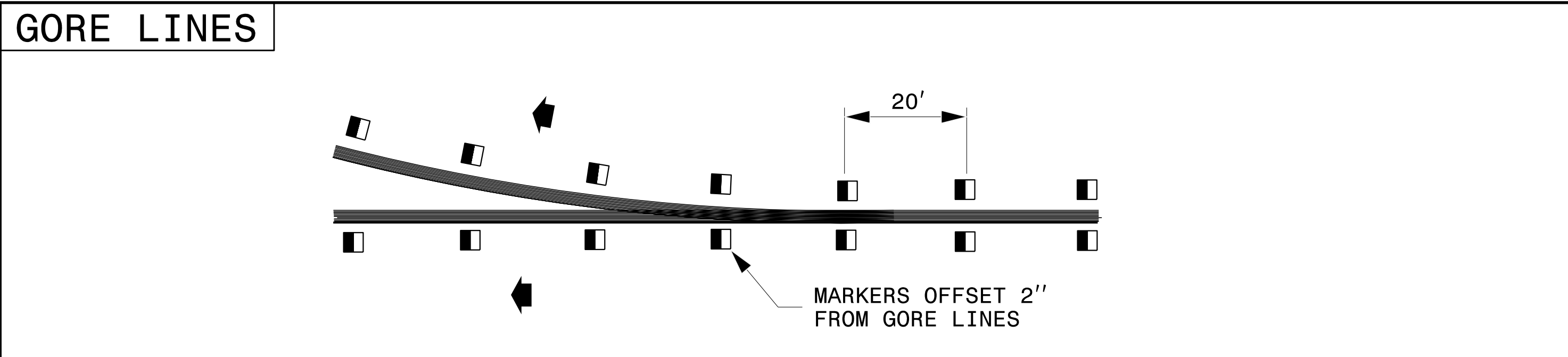


LEGEND

CRYSTAL/RED PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

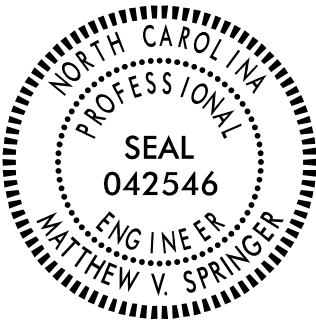
DIRECTION OF TRAFFIC FLOW



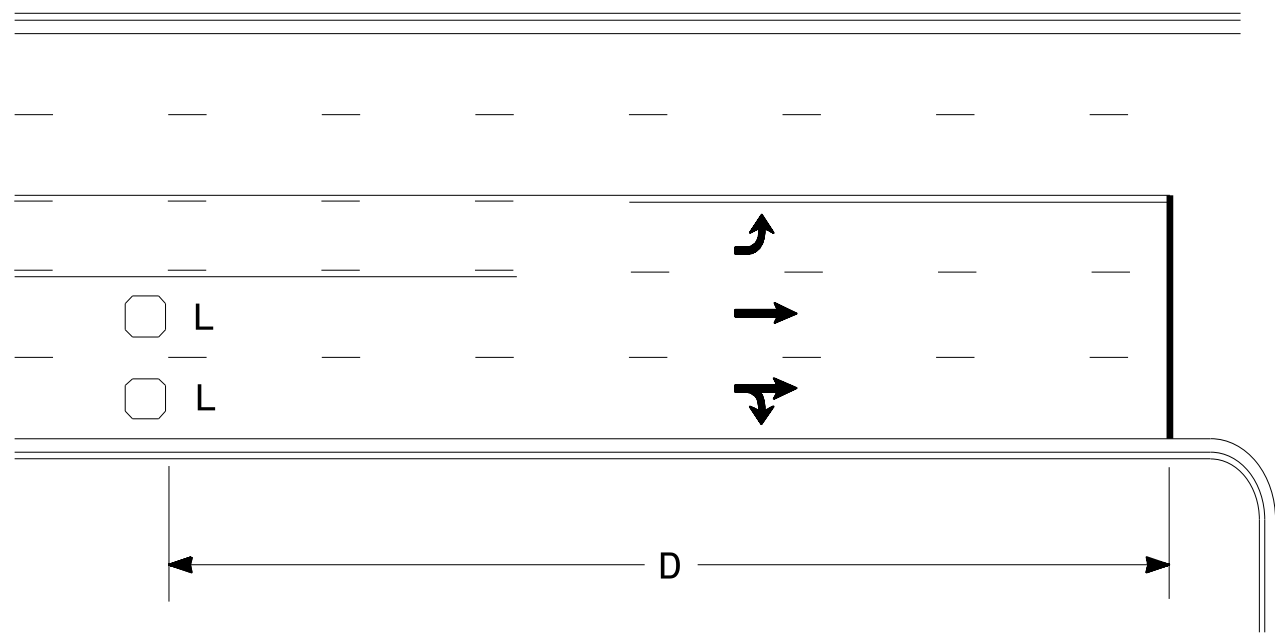
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 2 OF 3
1250D01



High Speed Detection
(≥35 mph)

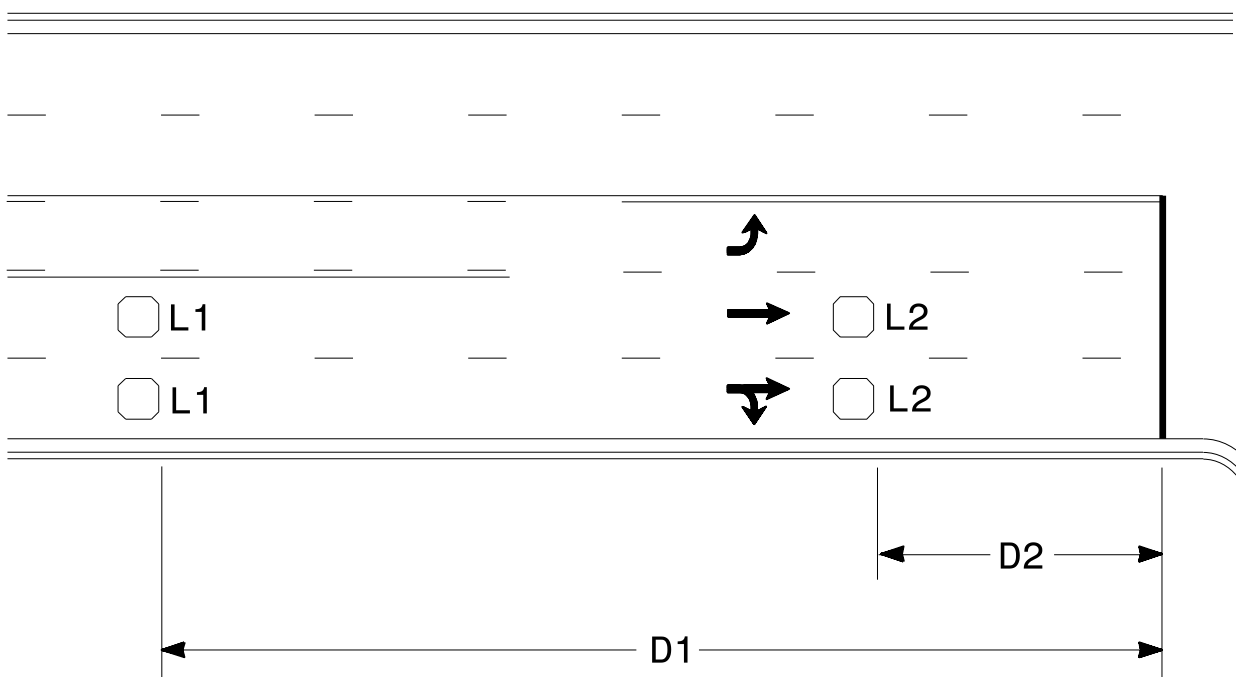


Speed Limit mph	D ft
35	200
40	250
45	300
50	355
55	420
60	475
65	550

L = 6ft X 6ft
Wired separately

Volume Density Operation

OR



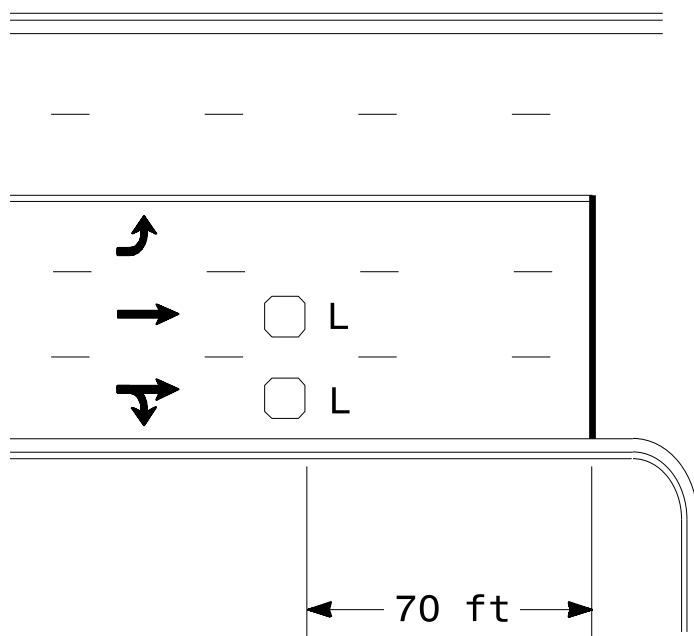
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110
60	475	120
65	550	130

L1 = 6ft X 6ft
Wired in series

L2 = 6ft X 6ft
Wired in series

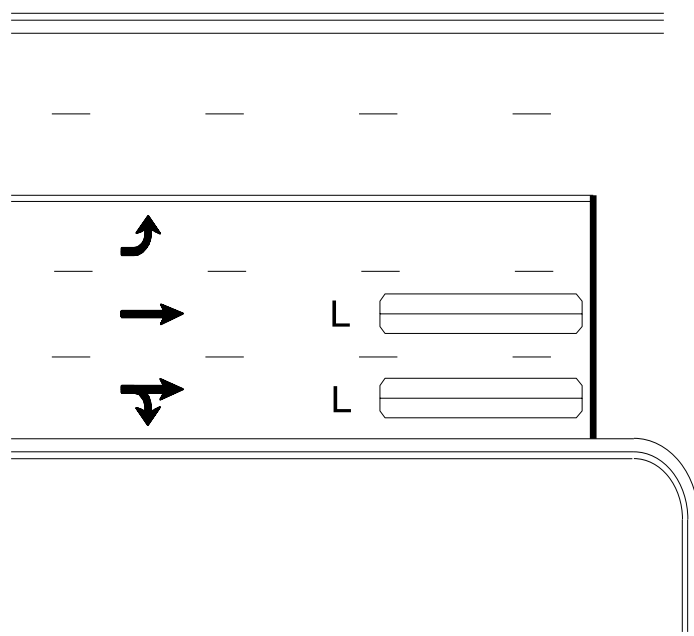
"Stretch" Operation

Low Speed Detection
(≤35 mph)



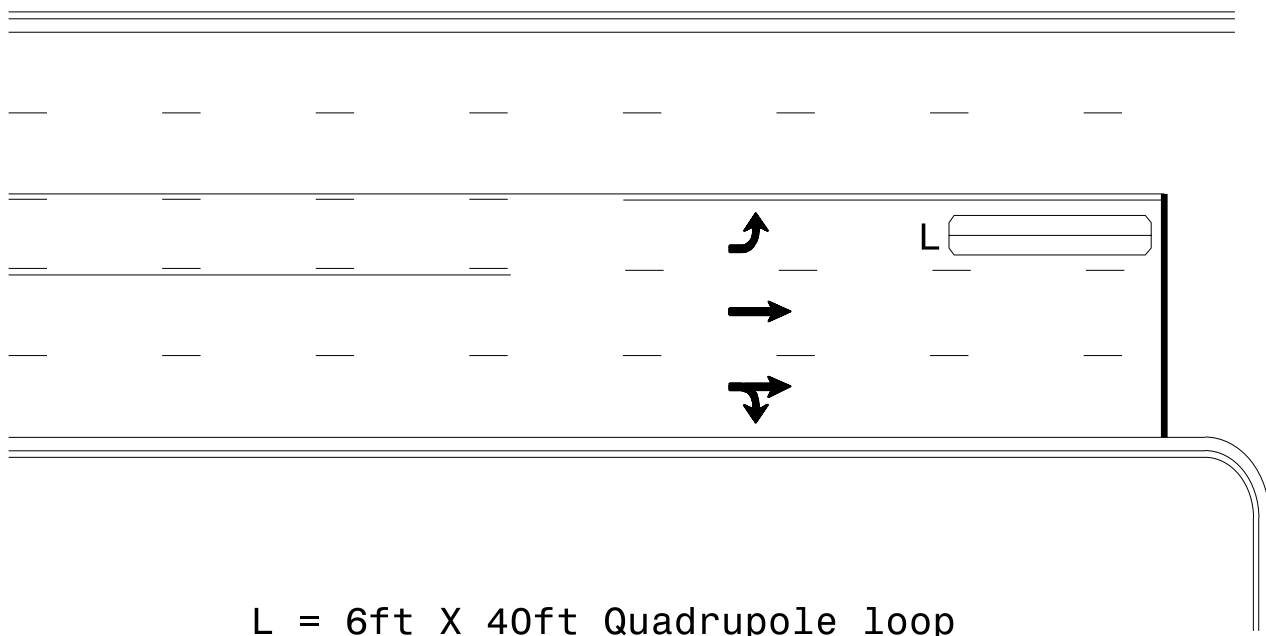
L = 6ft X 6ft
Wired in series

OR



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

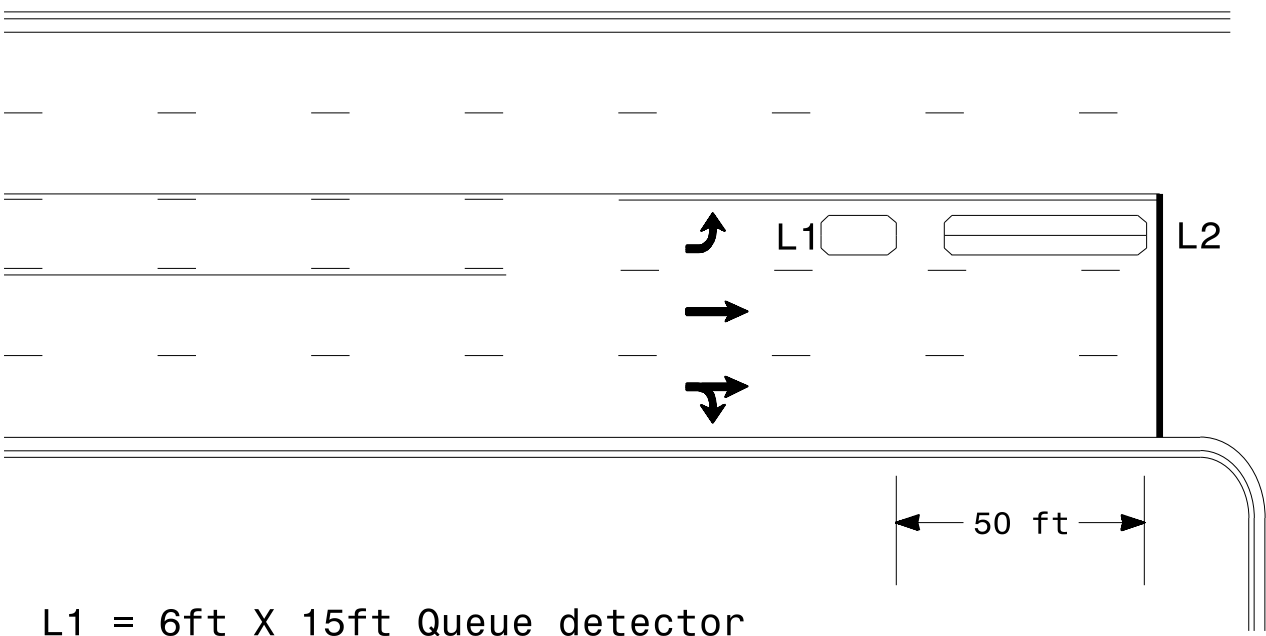
Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

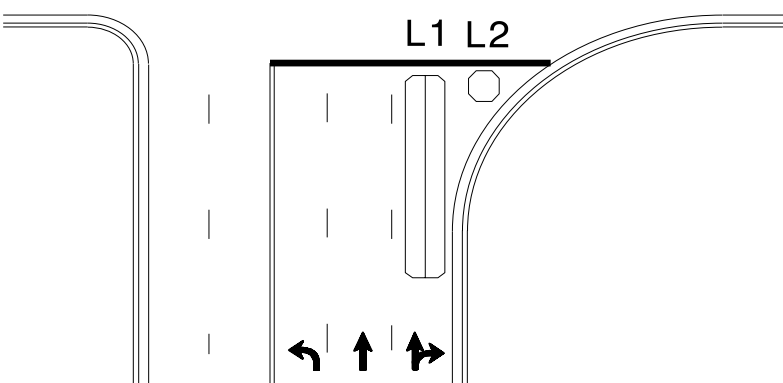
OR



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

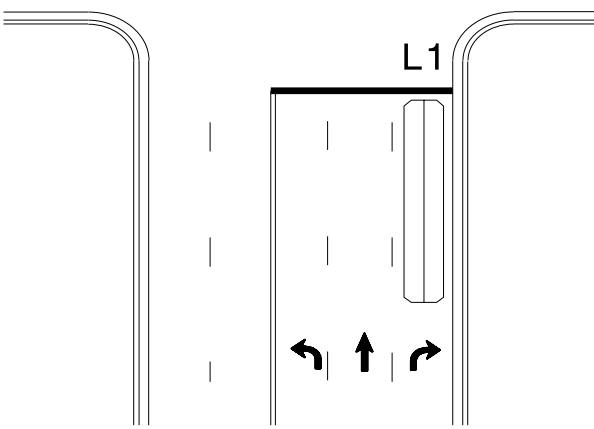
Queue Loop Detection

Right Turn Lane Detection

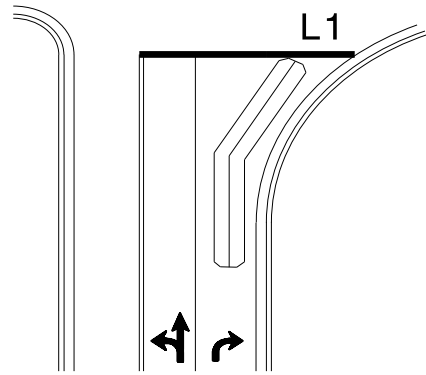


Shared Lane/
Wide Radius Turn

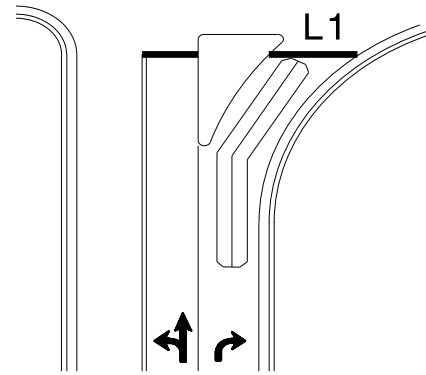
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

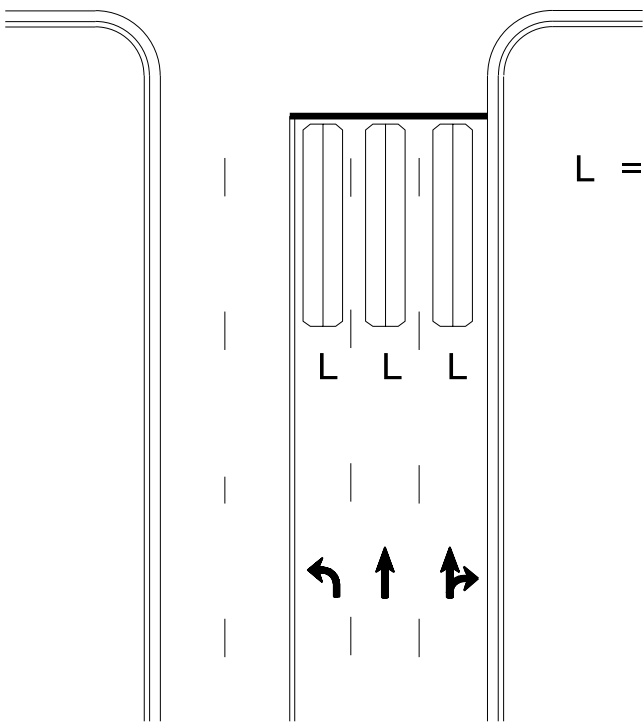


Wide Radius Turn



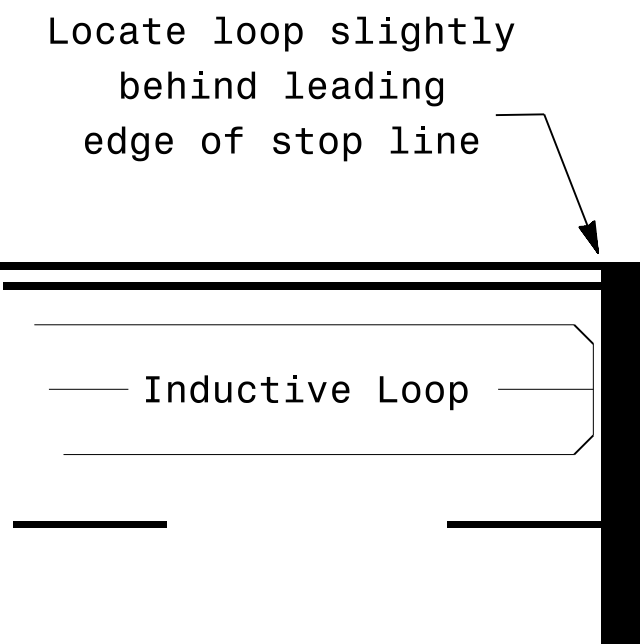
Channelized Turn

Side Street Detection



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

Presence Loop Placement at Stop Lines



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

Recommended Number of Turns

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

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

Quadrupole loops: Use 2-4-2 turns

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

	Typical Signal Loop Locations		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER ROBERT J. ZIEMBA 026486	
	PLAN DATE: September 2025	REVIEWED BY:	INIT.	DATE
	PREPARED BY: J.A. Lohr	REVIEWED BY:		
	SCALE: N/A	REVISIONS		
SIG. INVENTORY NO.		DATE		