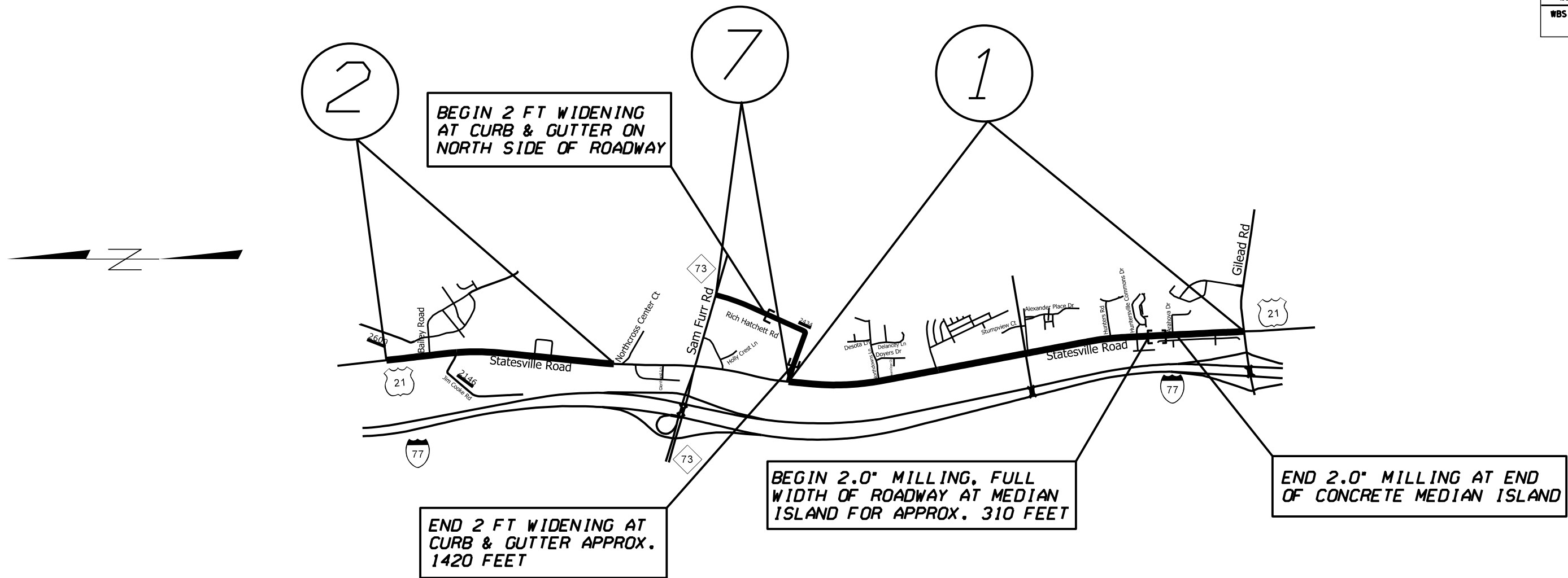


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		01	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 1 US 21 STATESVILLE ROAD

FROM GILEAD RD TO PVT JT AT RICH HATCHETT RD


# 2 US 21 STATESVILLE ROAD

FROM PVT JT N OF NC 73 TO PVT JT N OF BAILEY RD

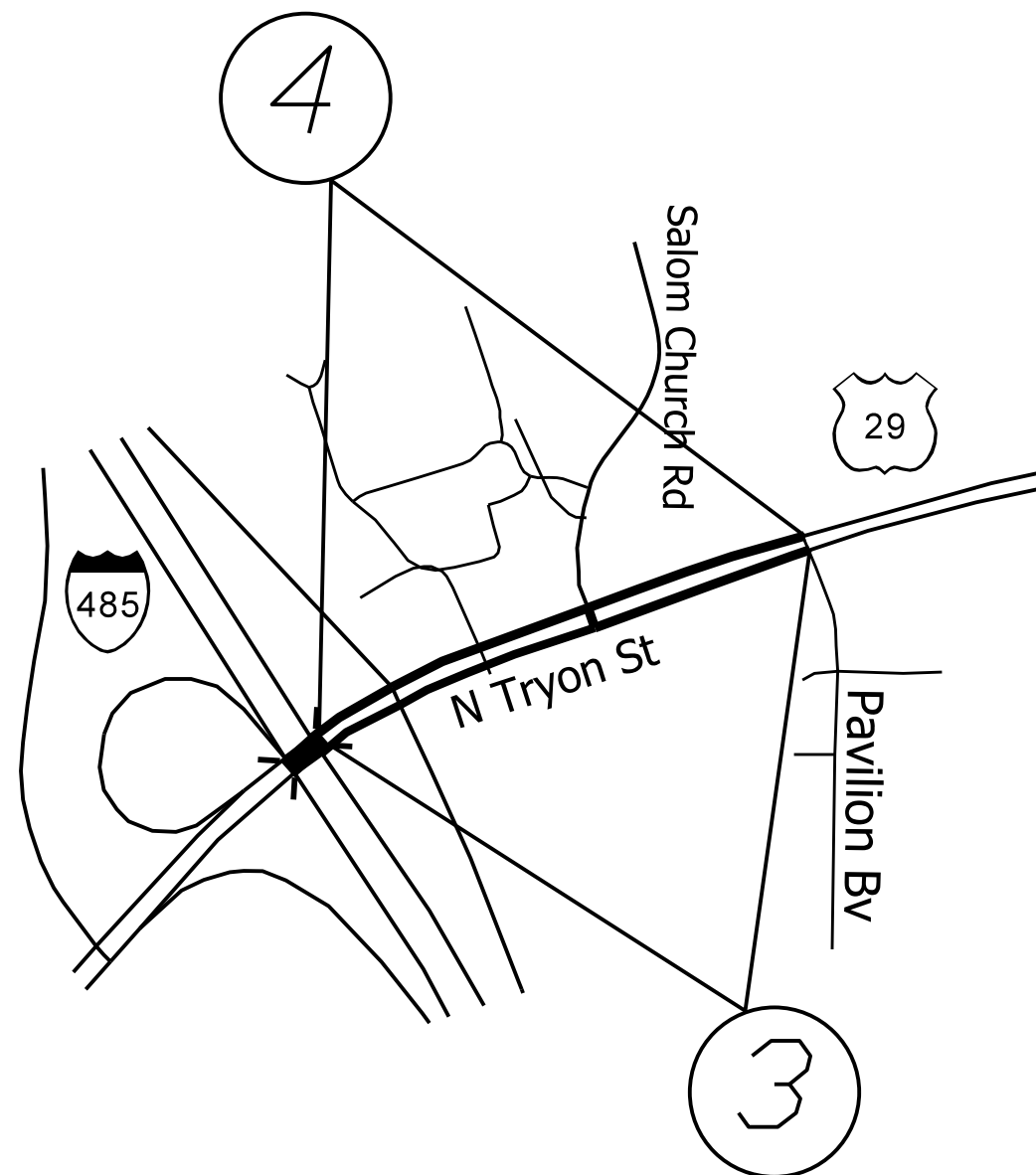
# 7 SR 2434 RICH HATCHETT RD

FROM NC 73 TO US 21

**Project Note: New Signal Loops will be installed by The City of Charlotte and State Forces.**

2020 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	5/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		02	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 3 US 29 N TRYON ST (NB)

FROM I-485 BRIDGE TO PAVILION BLVD

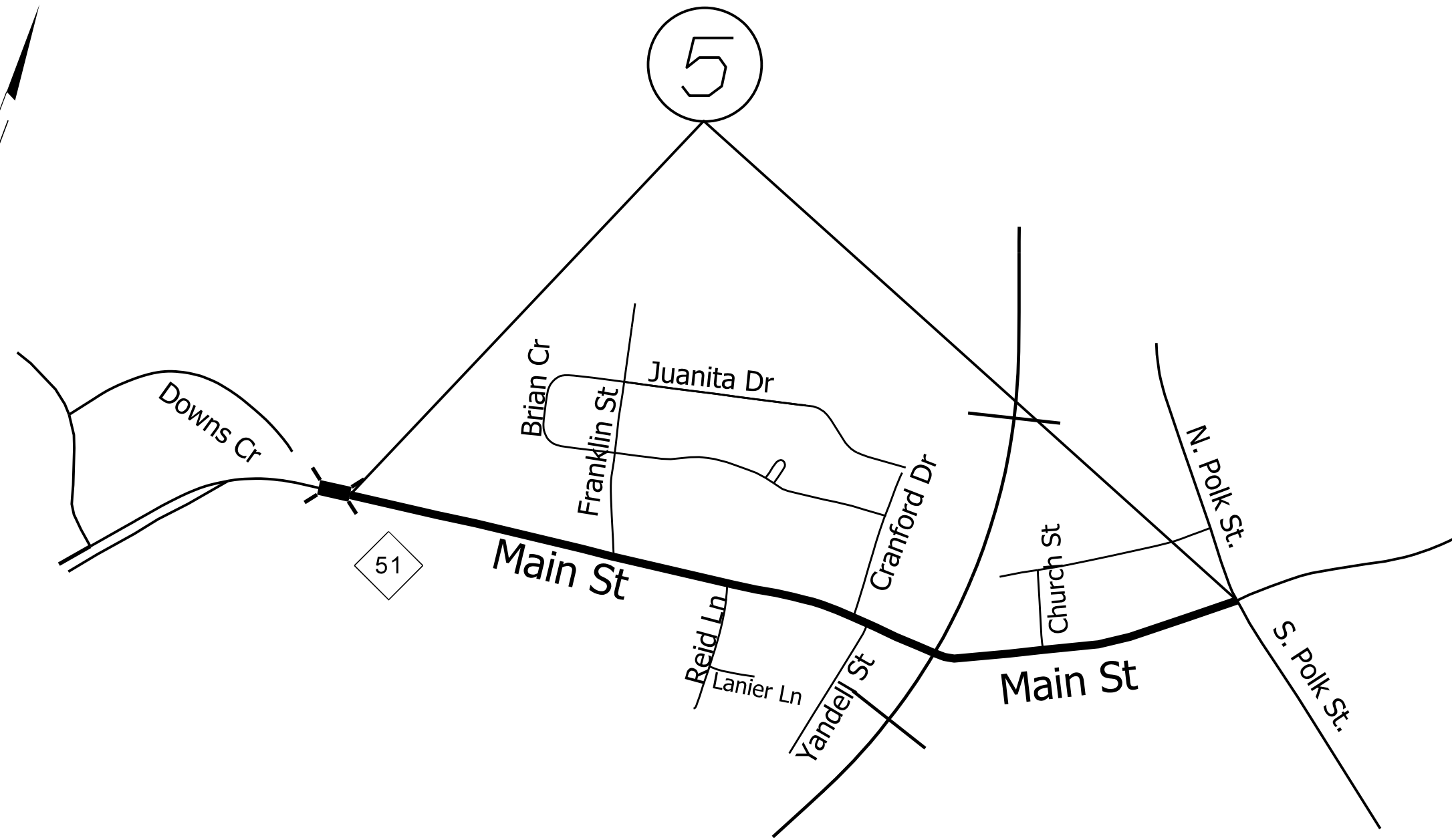
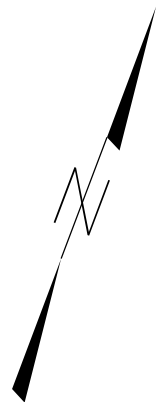
# 4 US 29 N TRYON ST (SB)

FROM PAVILION BLVD TO I-485 BRIDGE

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		03	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		




MAP

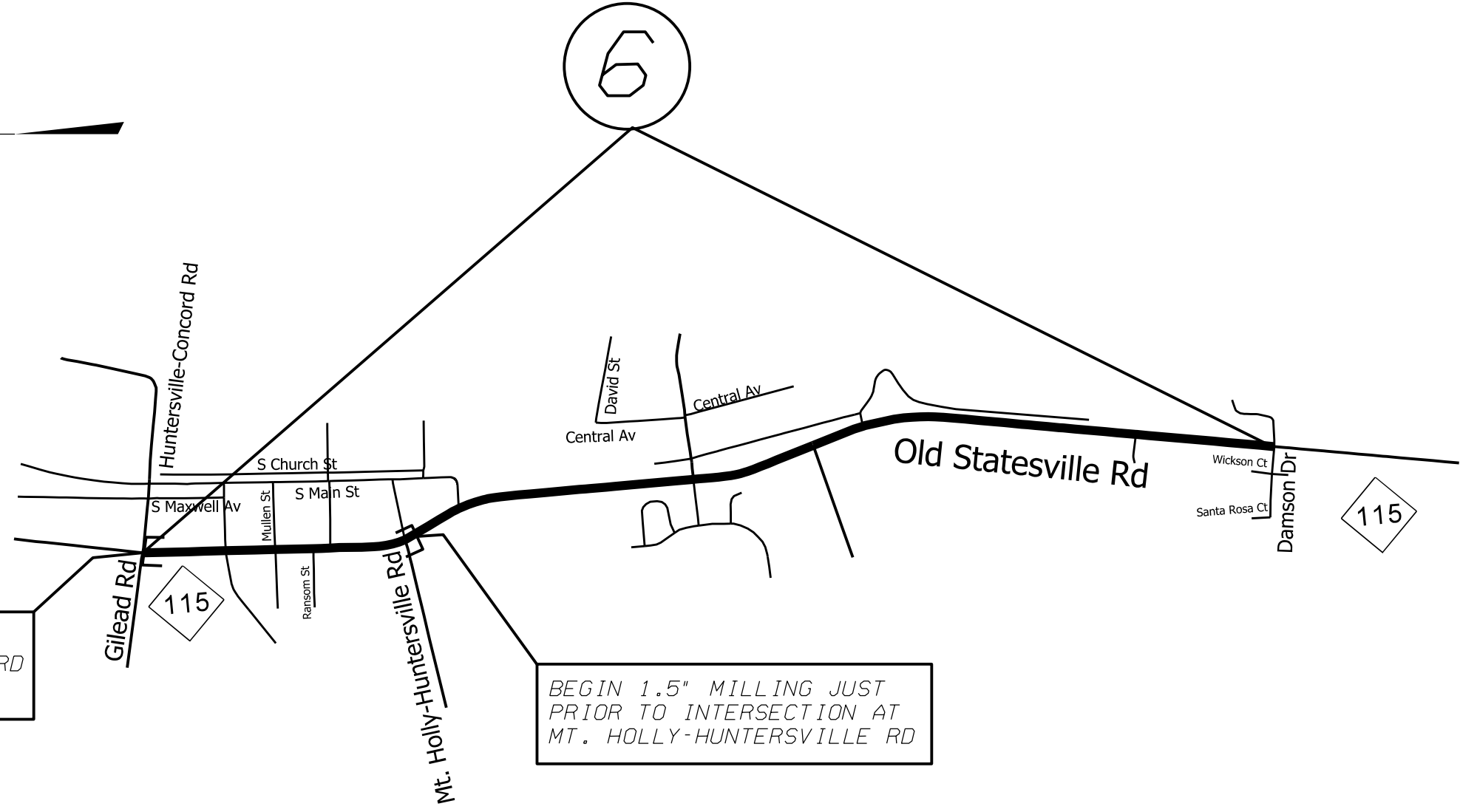
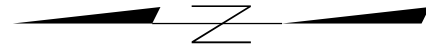
#5 NC 51 MAIN STREET PINEVILLE

DESCRIPTION

FROM BRIDGE TO S. POLK ST.

2020 MECKLENBURG COUNTY RESURFACING												
SCALE	-1A-	 <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	REVISIONS									
REVISIONS												
DATE	5/18											
DWG. BY	JHE											
DESIGN BY	JHE											
APPROVED												

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		04	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



END 1.5" MILLING AT HUNTERSVILLE-CONCORD RD INTERSECTION

BEGIN 1.5" MILLING JUST PRIOR TO INTERSECTION AT MT. HOLLY-HUNTERSVILLE RD

MAP

DESCRIPTION

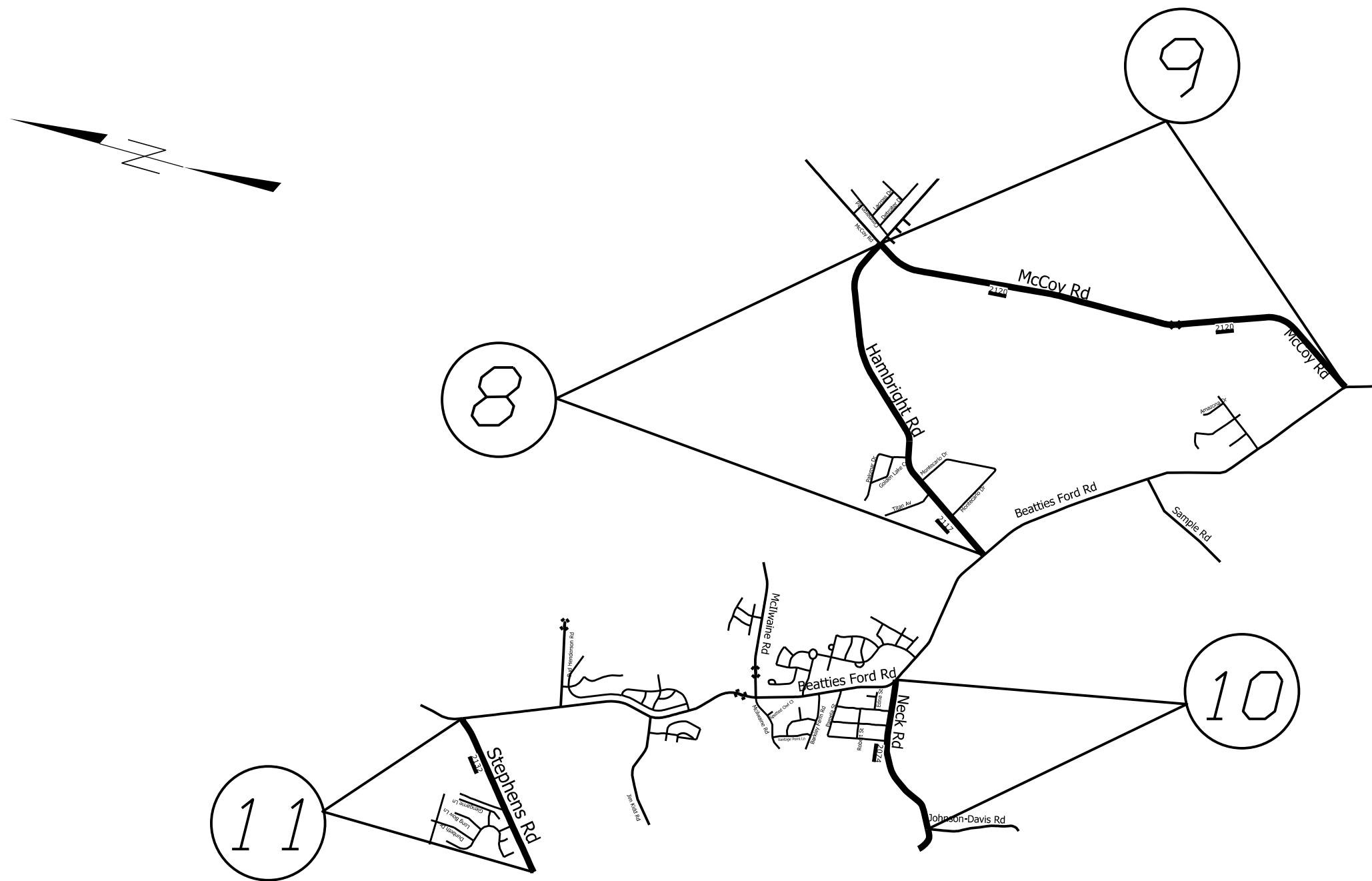
#6 NC 115 OLD STATESVILLE RD

FROM DAMSON DR TO HUNTERSVILLE-CONCORD RD

2020 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		05	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 8 SR 2117 HAMBRIGHT RD

FROM MCCOY RD TO BEATTIES FORD RD

# 9 SR 2120 MCCOY RD


FROM BEATTIES FORD RD TO HAMBRIGHT RD

# 10 SR 2074 NECK RD

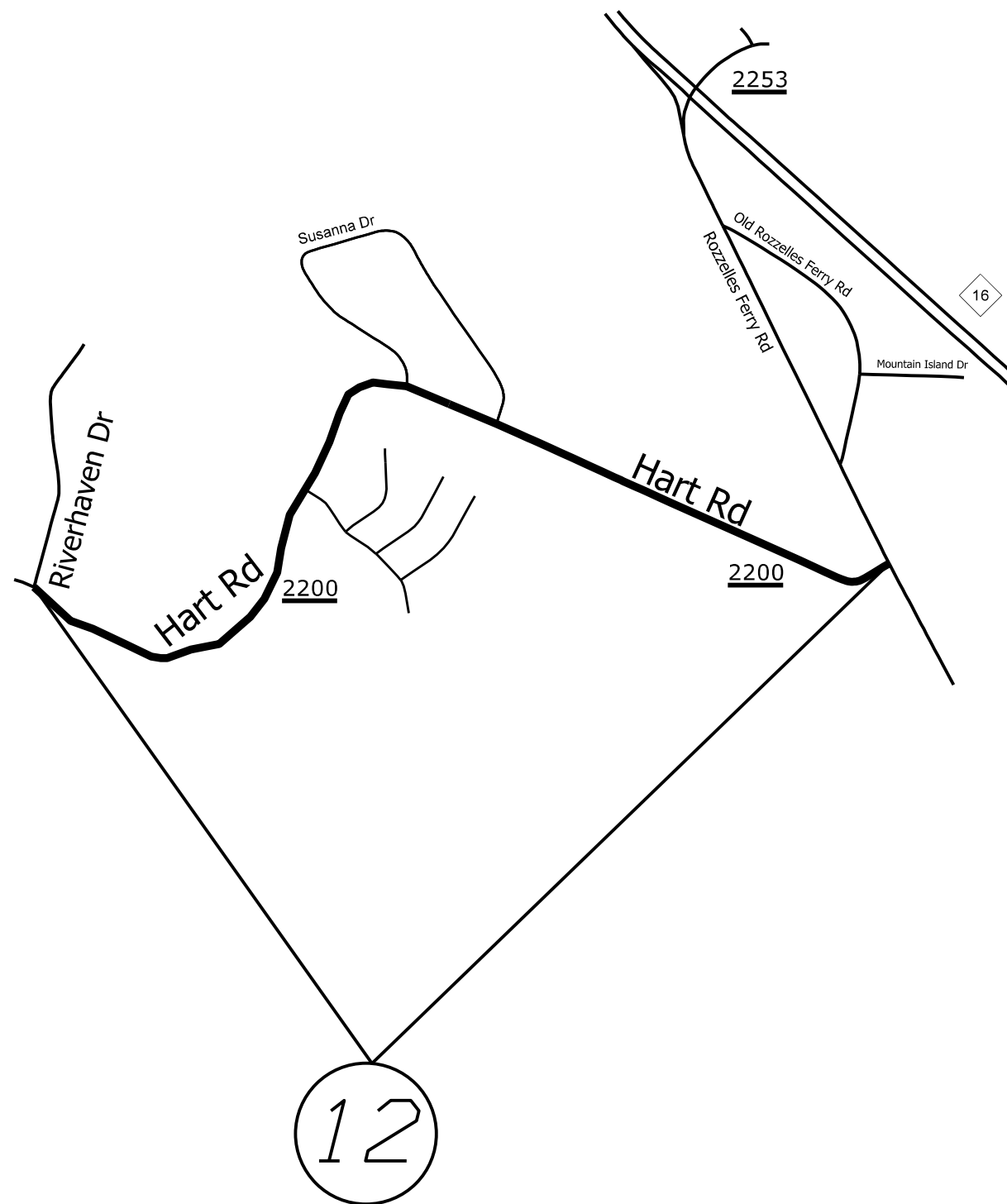
FROM BEATTIES FORD RD TO JOHNSON DAVIS RD

# 11 SR 2132 STEPHENS RD

FROM BEATTIES FORD RD TO END MAINT

2020 MECKLENBURG COUNTY RESURFACING										
SCALE	-NA-									
DATE	5/18									
DWG. BY	JHE									
DESIGN BY	JHE									
APPROVED		<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS							
REVISIONS										

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		06	
WBS NO.	2020CPT . 10 . 01 . 10601 2020CPT . 10 . 01 . 20601		



MAP

# 12 SR 2200 HART RD

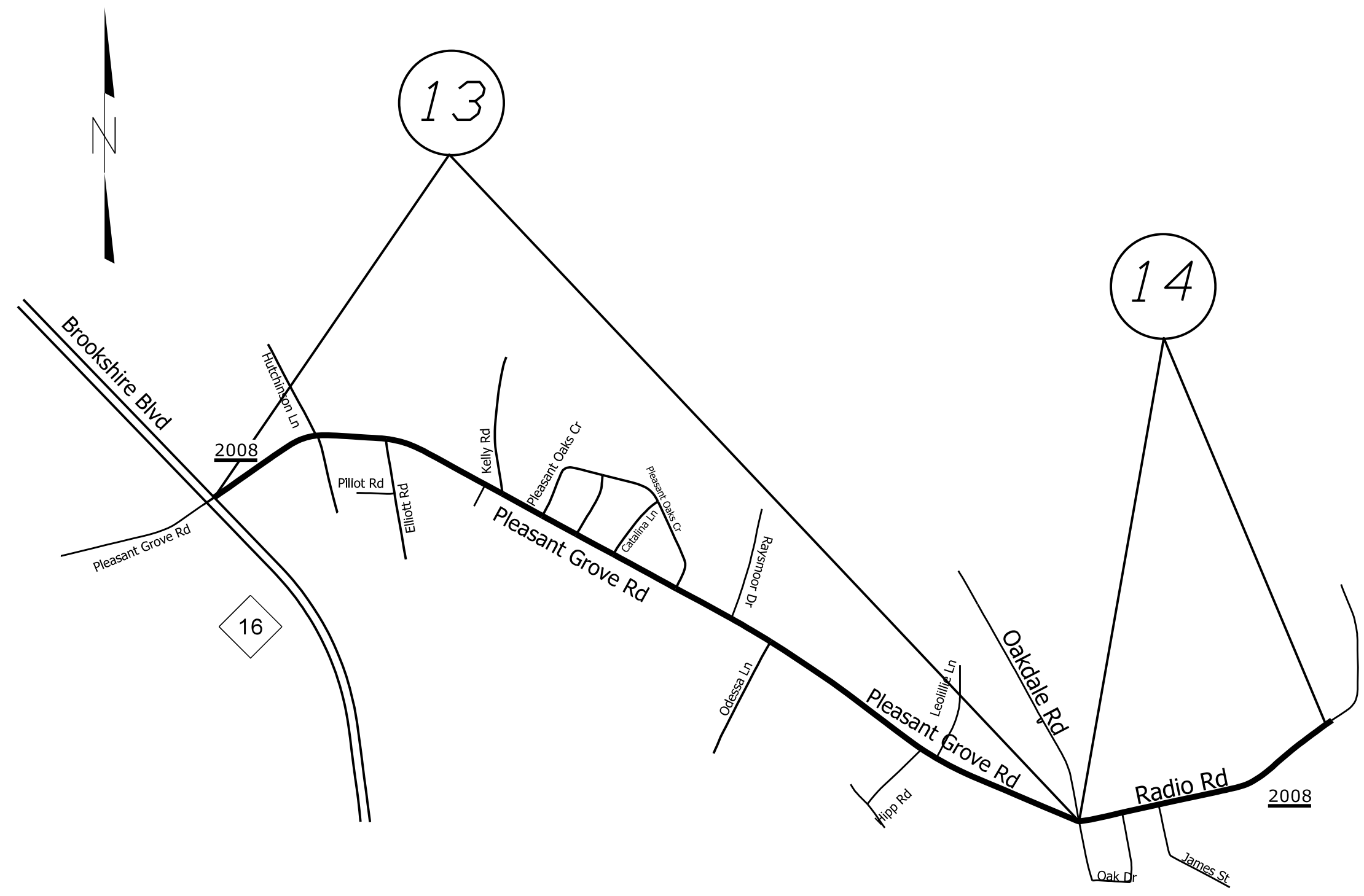
DESCRIPTION

FROM ROZZELLES FERRY RD TO RIVERHEAVEN DR

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		07	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		




MAP

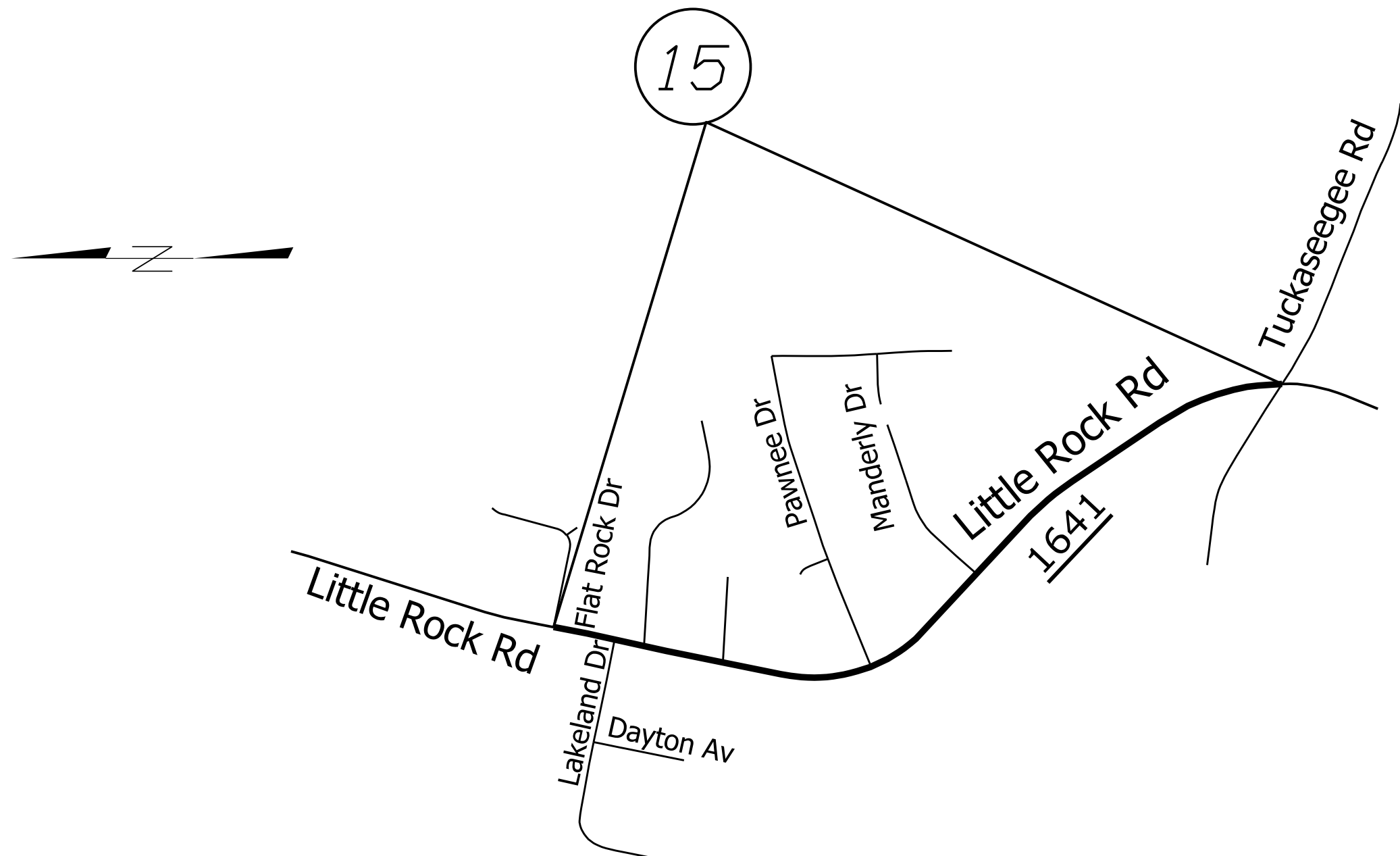
# 13 SR 2008 PLEASANT GROVE RD  
 # 14 SR 2008 RADIO ROAD

DESCRIPTION

FROM NC 16 TO OAKDALE RD  
 OAKDALE RD TO END OF MAINT

2020 MECKLENBURG COUNTY RESURFACING		
SCALE	-MA-	
DATE	5/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		08	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

# 15 SR 1641 LITTLE ROCK RD

DESCRIPTION

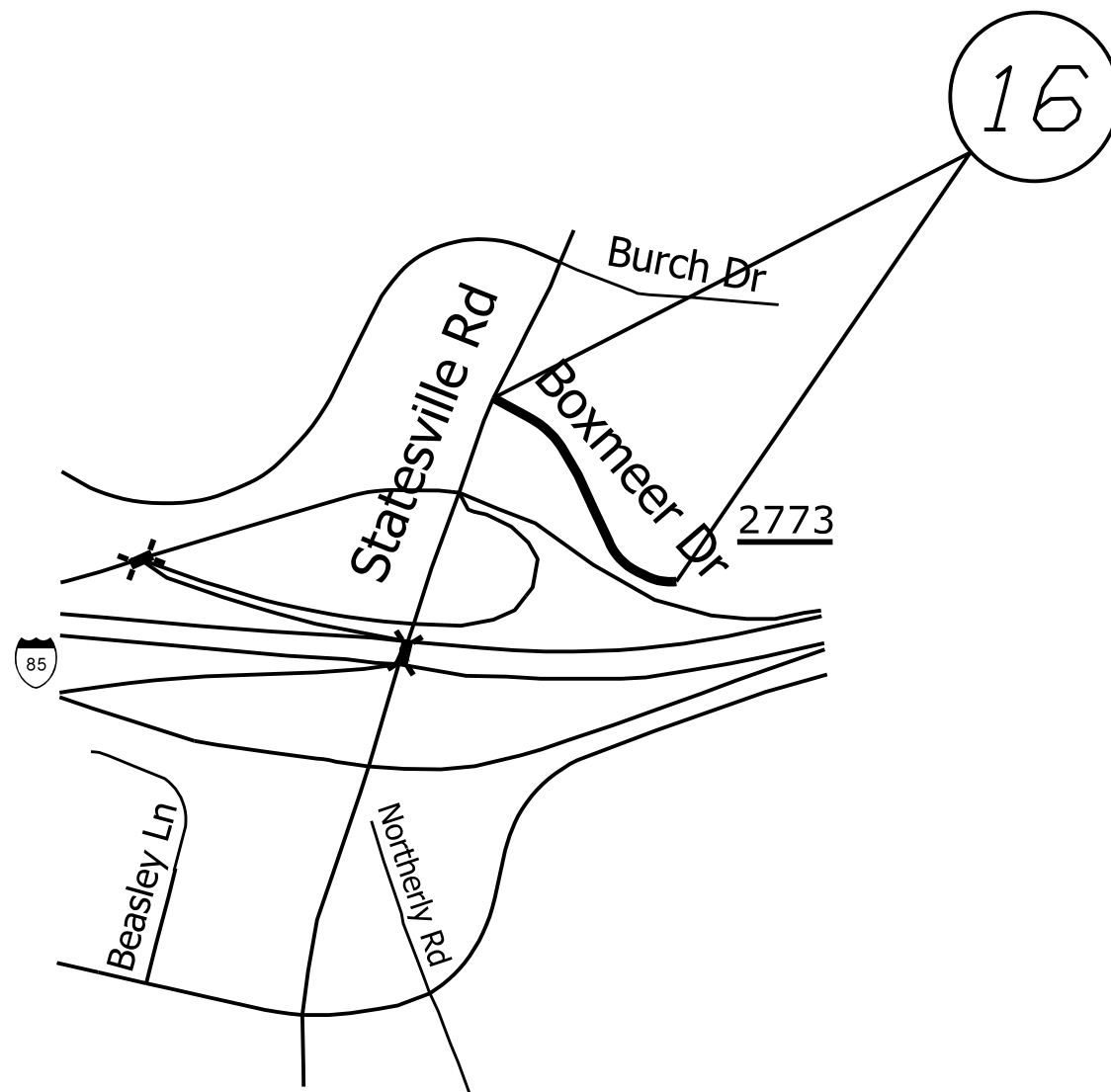
FROM TUCKASEEGEE RD TO FLAT ROCK ROAD

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		09	
WBS NO. 2020CPT.10.01.10601 2020CPT.10.01.20601			



MAP

# 16 SR 2773 BOXMEER DR

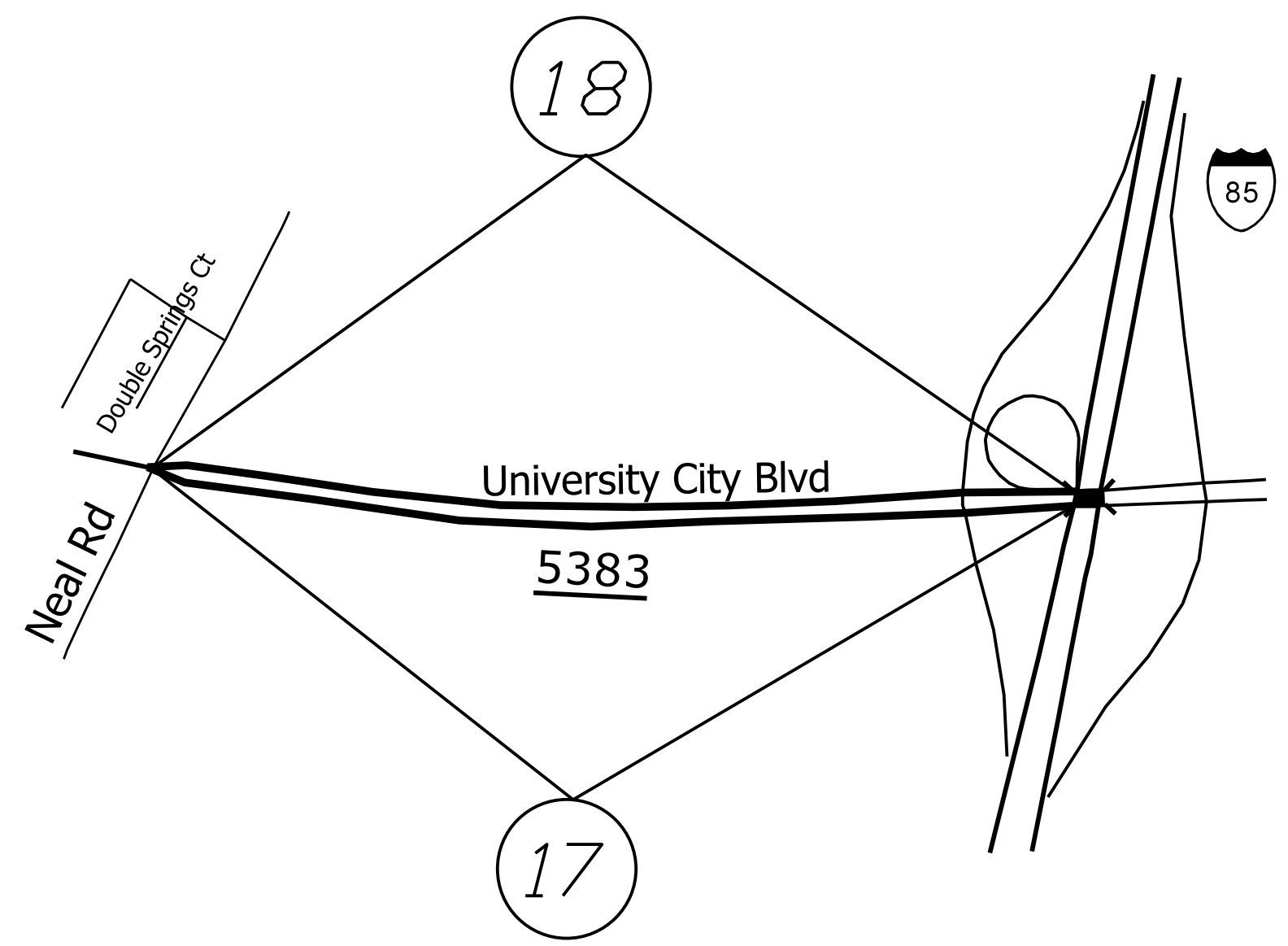
DESCRIPTION

FROM STATESVILLE RD TO END MAINT

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		10	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		




MAP

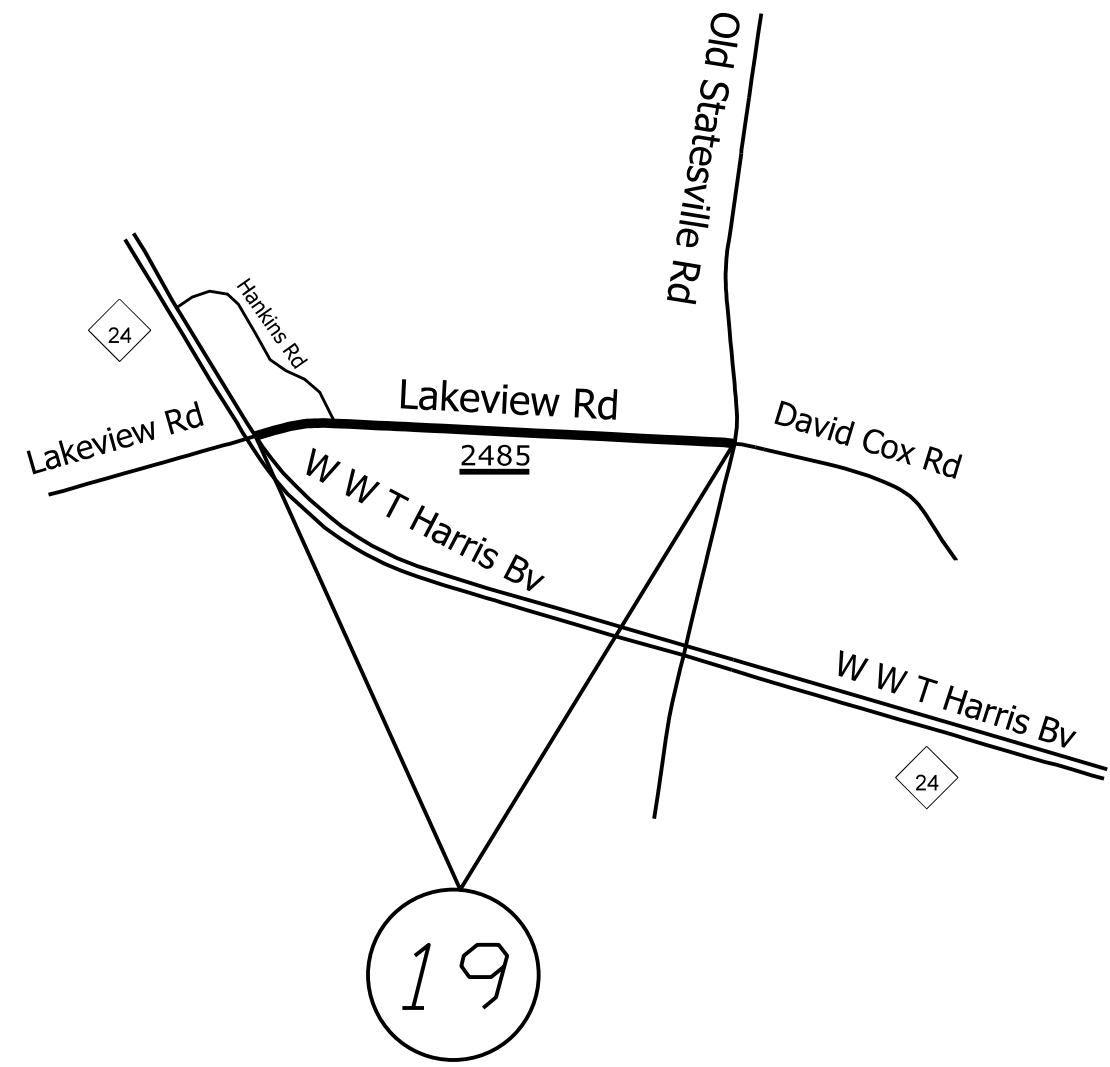
# 17 SR 5383 UNIVERSITY CITY BLVD  
 # 18 SR 5383 UNIVERSITY CITY BLVD

DESCRIPTION

FROM NEAL RD TO I-85 BRIDGE DECK  
 FROM I-85 BRIDGE DECK TO NEAL RD

2020 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	5/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	
WBS NO. 2020CPT.10.01.10601 2020CPT.10.01.20601			



MAP

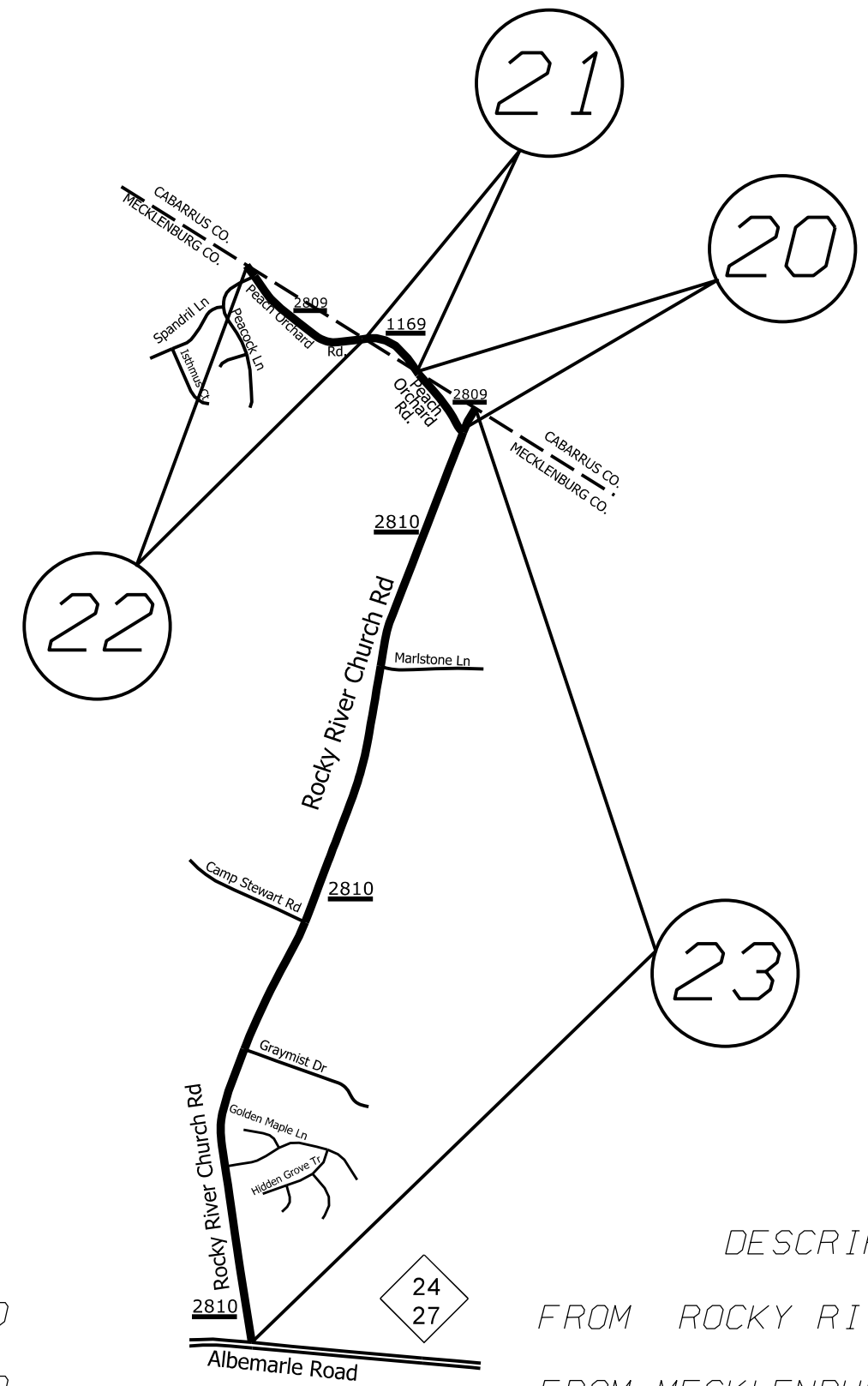
# 19 SR 2485 LAKEVIEW RD

DESCRIPTION

FROM HARRIS BLVD TO OLD STATESVILLE RD

2020 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	5/18	
DWG. BY	JME	
DESIGN BY	JME	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		12	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

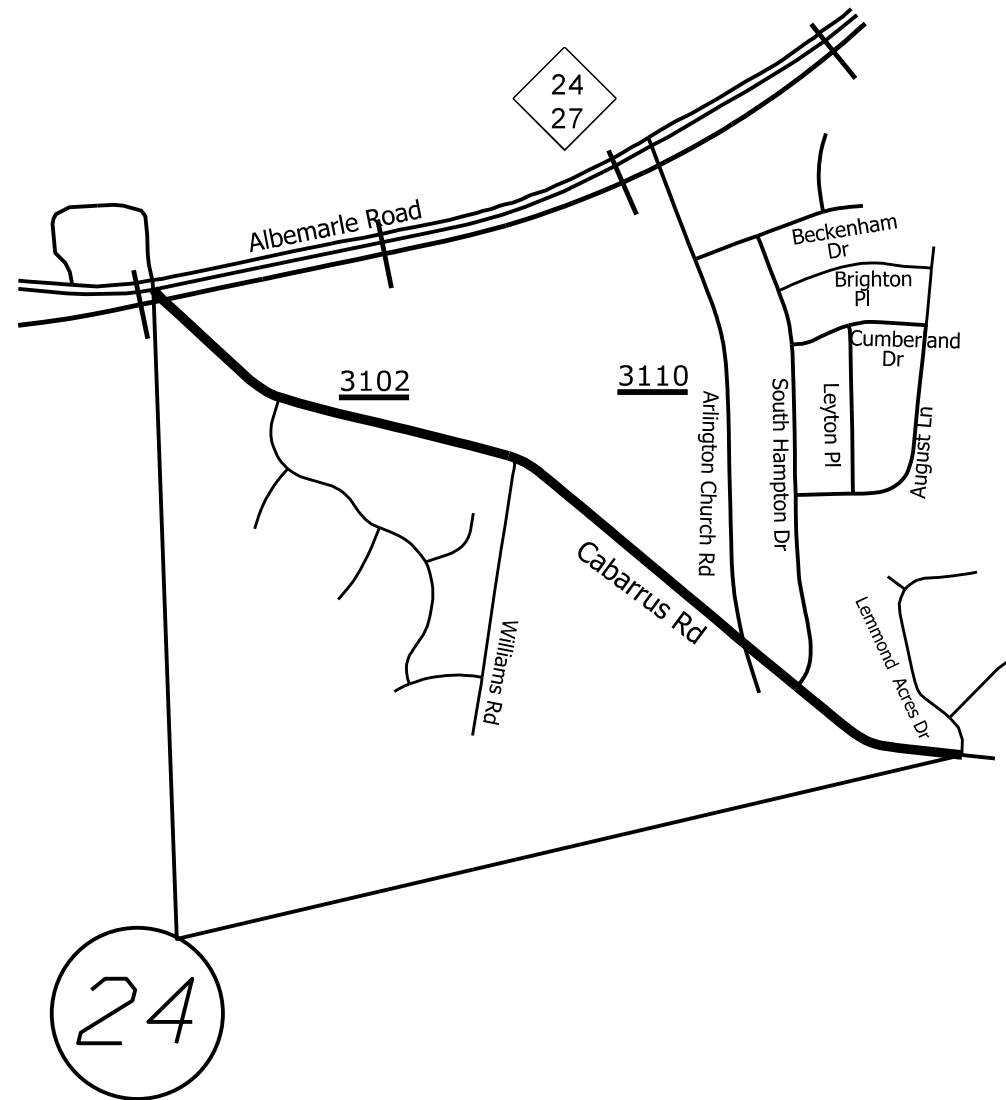
- # 20 SR 2809 PEACH ORCHARD RD
- # 21 SR 1169 PEACH ORCHARD RD
- # 22 SR 2809 PEACH ORCHARD RD
- # 23 SR 2810 ROCKY RIVER CH RD

DESCRIPTION

- FROM ROCKY RIVER CH RD TO CABARRUS CO.
- FROM MECKLENBURG CO. TO MECKENBURG CO.
- FROM CABARRUS CO. TO PVT JT AT PEACOCK LANE
- FROM CABARRUS CO. TO ALBEMARLE RD

2020 CABARRUS COUNTY 2020 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	5/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

# 24 SR 3102 CABARRUS ROAD

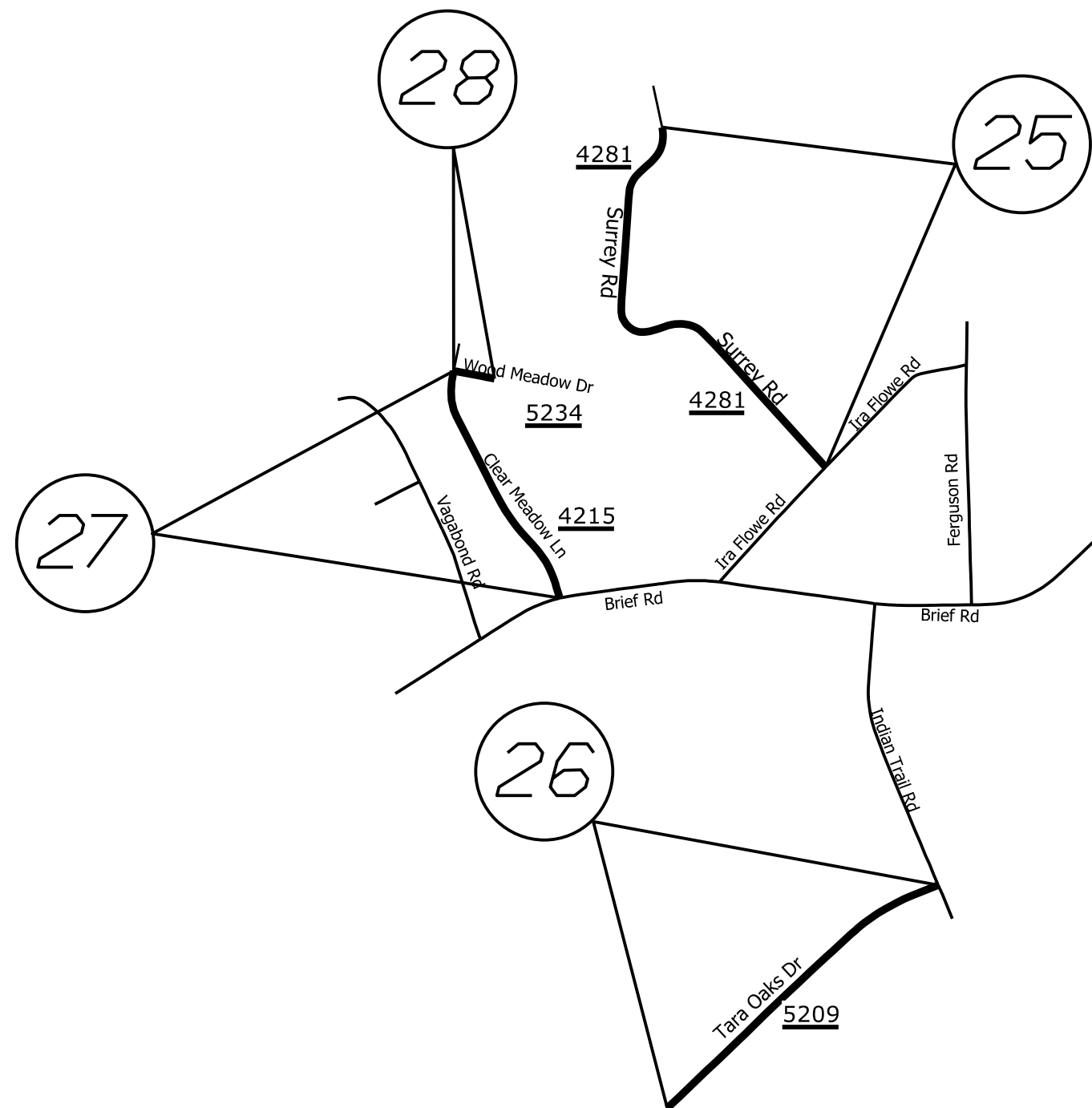
DESCRIPTION

FROM PVT JT AT LEMMOND ACRES DR  
TO NC 24/27

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		14	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 25 SR 4281 SURREY RD

FROM IRA FLOWE TO END MAINT

# 26 SR 5209 TARA OAKS DR


FROM INDIAN TRAIL RD TO END MAINT

# 27 SR 4215 CLEAR MEADOWS LN

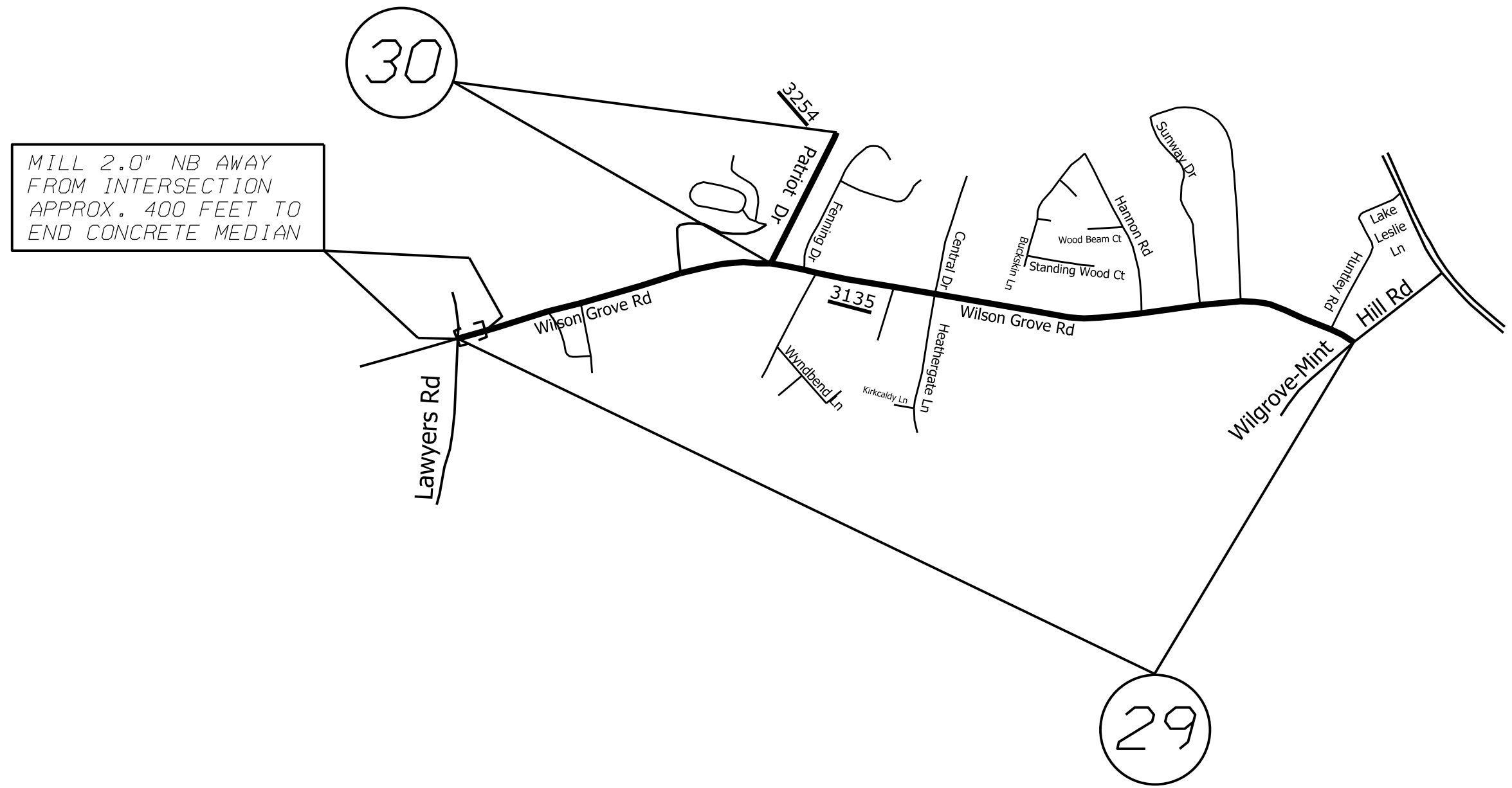
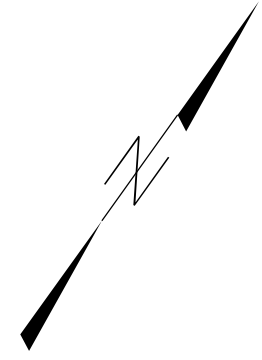
FROM BRIEF RD TO WOOD MEADOW DR

# 28 SR 5234 WOOD MEADOW DR

FROM CLEAR MEADOWS LN TO END MAINT

2020 MECKLENBURG COUNTY RESURFACING										
SCALE	-NA-	 <small>DIVISION OF HIGHWAYS DISTRICT 2</small>								
DATE	5/18									
DWG. BY	JHE									
DESIGN BY	JHE									
APPROVED		<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS							
REVISIONS										

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		15	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

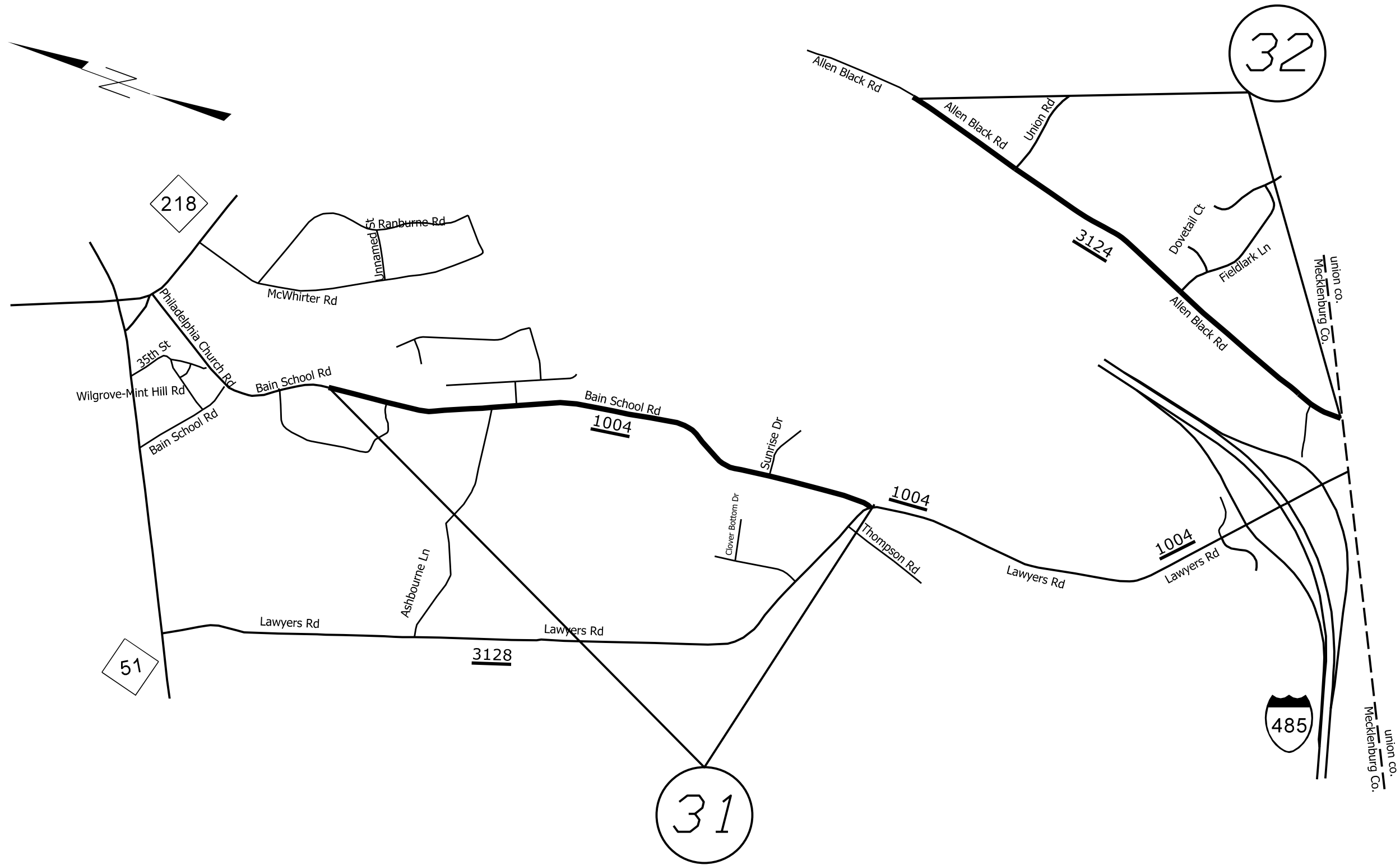
# 29 SR 3135 WILSON GROVE RD  
# 30 SR 3254 PATRIOT DRIVE

DESCRIPTION

FROM WILGROVE MINT HILL RD TO LAWYERS RD  
FROM WILSON GROVE RD TO END MAINT

2020 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	5/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		16	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 31 SR 1004 BAIN SCHOOL RD

FROM PVMT. JT TO LAWYERS RD

# 32 SR 3124 ALLEN BLACK RD

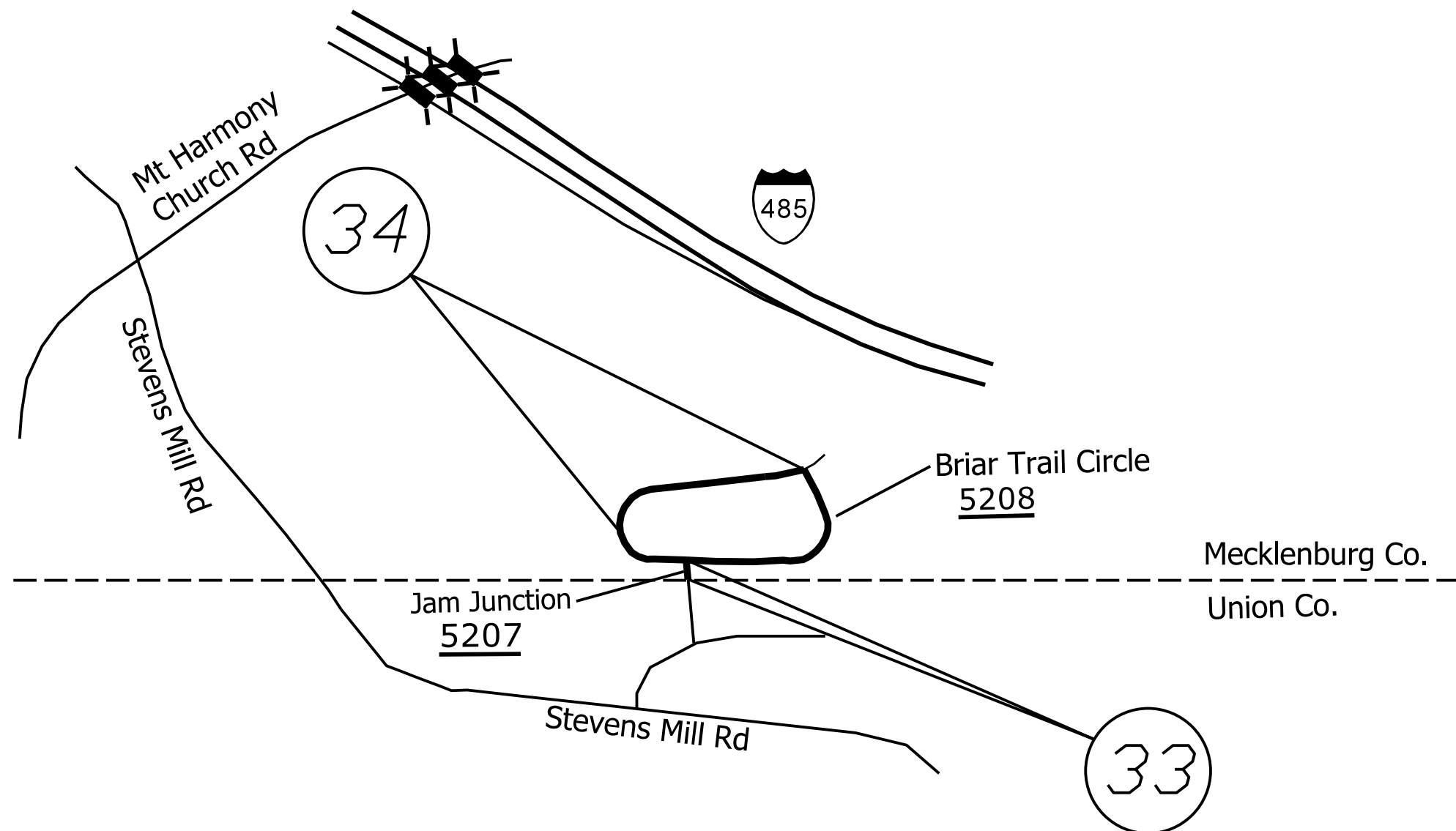
FROM UNION CO LN TO END MAINT

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		17	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 33 SR 5207 JAM JUNCTION

FROM UNION CO LINE TO BRIAR TRAIL CIRCLE

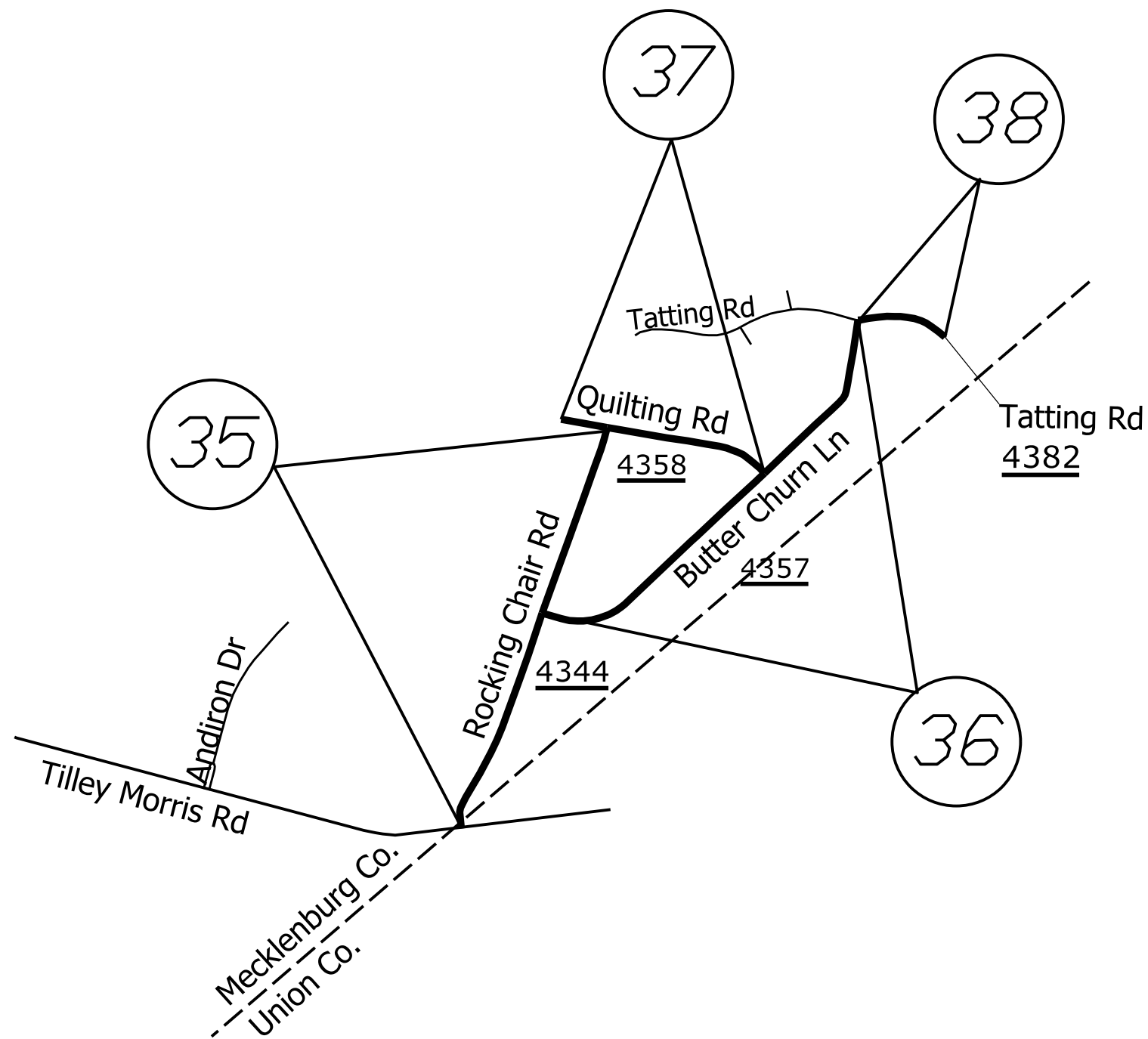
# 34 SR 5208 BRIAR TRAIL CIRCLE

FROM JAM JUNCTION TO JAM JUNCTION

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-1A-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		18	
WBS NO.	2020CPT.10.01.10601		2020CPT.10.01.20601




MAP

- # 35 SR 4344 ROCKING CHAIR RD
- # 36 SR 4357 BUTTER CHURN LN
- # 37 SR 4358 QUILTING RD
- # 38 SR 4382 TATTING RD

DESCRIPTION

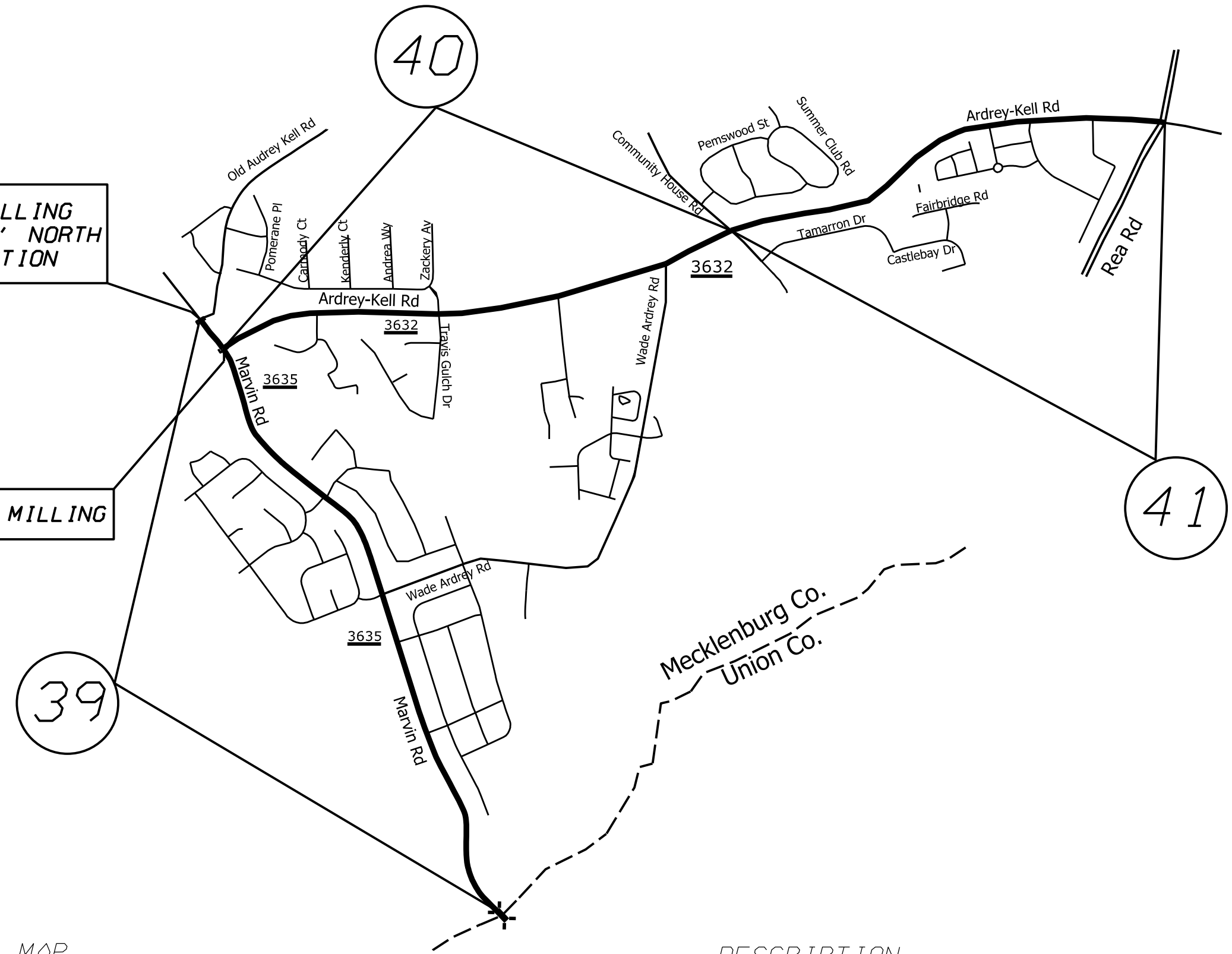
- FROM TILLEY MORRIS TO QUILTING
- FROM ROCKING CHAIR RD TO TATTING
- FROM BUTTER CHURN RD TO END MAINT
- FROM BUTTER CHURN RD TO END MAINT

<b>2020 MECKLENBURG COUNTY RESURFACING</b>		
SCALE	-NA-	
DATE	5/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		19	
WBS NO. 2020CPT.10.01.10601 2020CPT.10.01.20601			

END 1.5" MILLING  
APPROX. 360' NORTH  
OF INTERSECTION

BEGIN 1.5" MILLING




MAP

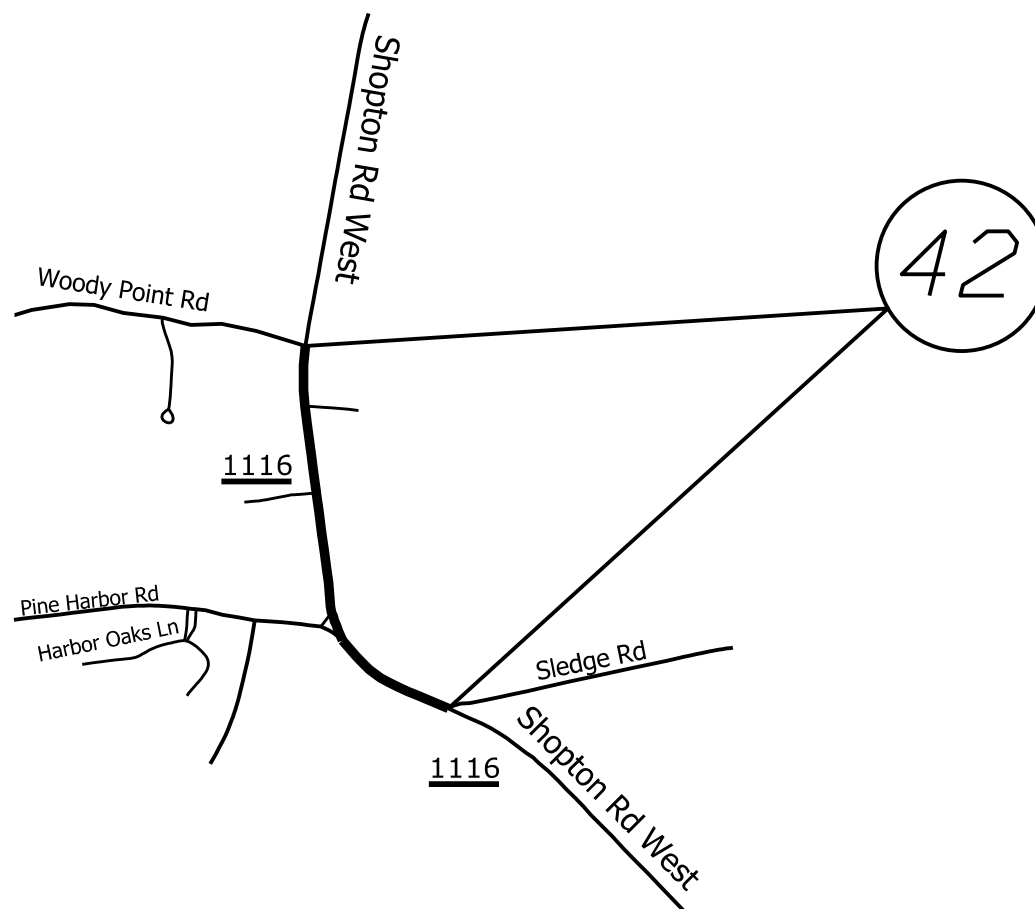
DESCRIPTION

- # 39 SR 3635 MARVIN RD
- # 40 SR 3632 ARDREY KELL RD
- # 41 SR 3632 ARDREY KEEL RD

- FROM UNION CO. TO OLD ARDREY KELL RD
- FROM MARVIN RD TO COMMUNITY HOUSE RD
- FROM COMMUNITY HOUSE RD TO REA RD

<b>2020 MECKLENBURG COUNTY RESURFACING</b>										
SCALE	-N/A-									
DATE	5/18									
DWG. BY	JHE									
DESIGN BY	JHE									
APPROVED										
		<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS							
REVISIONS										

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		20	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

# 42 SR 1116 SHOPTON RD WEST

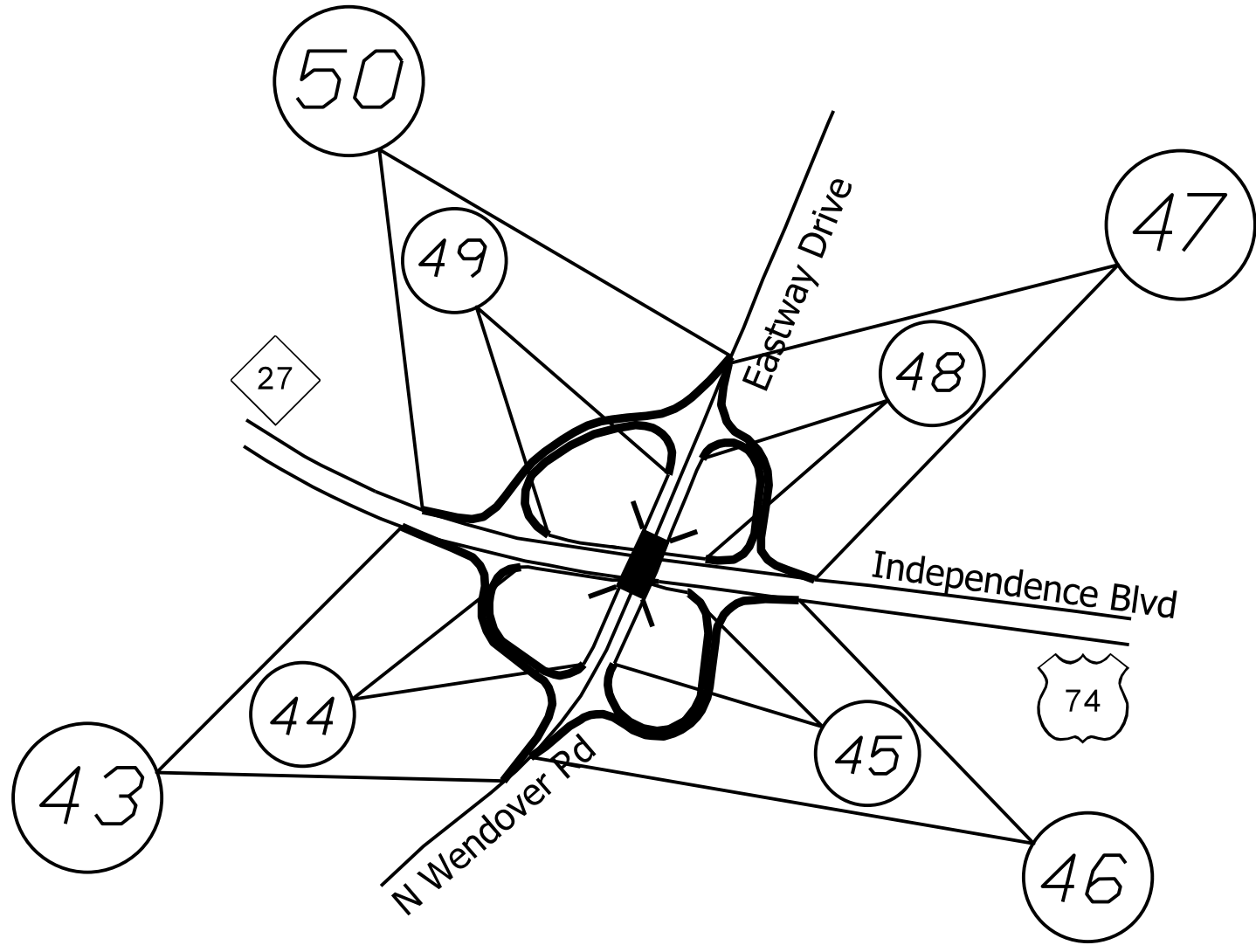
DESCRIPTION

FROM WOODY POINT TO SLEDGE RD

2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		21	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		



MAP

DESCRIPTION

# 43 SR 4507 EB OFF RAMP

FROM INDEPENDENCE TO WENDOVER RD

# 44 SR 4508 EB ON RAMP LOOP

FROM EASTWAY DR TO INDEPENDENCE BLVD

# 45 SR 4509 EB OFF RAMP LOOP

FROM INDEPENDENCE BLVD TO EASTWAY DR

# 46 SR 4510 EB ON RAMP

FROM WENDOVER RD TO INDEPENDENCE BLVD

# 47 SR 4511 WB OFF RAMP

FROM INDEPENDENCE BLVD TO EASTWAY DR

# 48 SR 4512 WB ON RAMP LOOP

FROM WENDOVER RD TO INDEPENDENCE BLVD

# 49 SR 4513 WB OFF LOOP RAMP

FROM INDEPENDENCE BLVD TO WENDOVER RD

# 50 SR 4514 WB ON RAMP

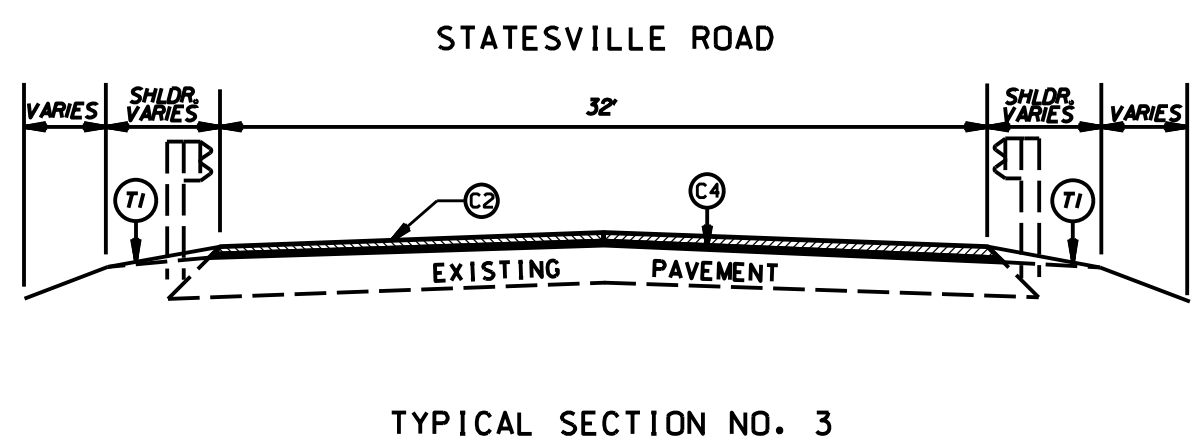
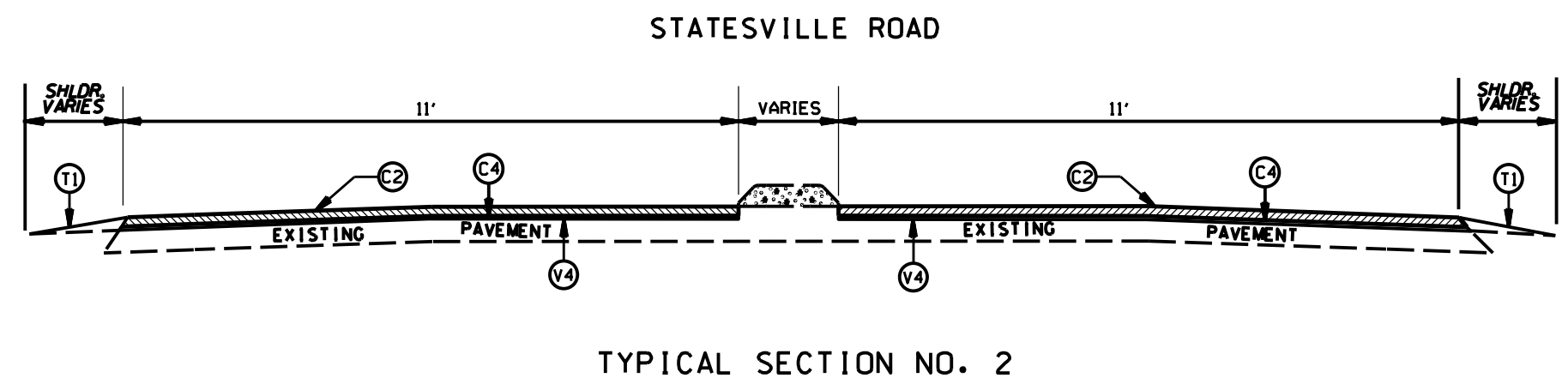
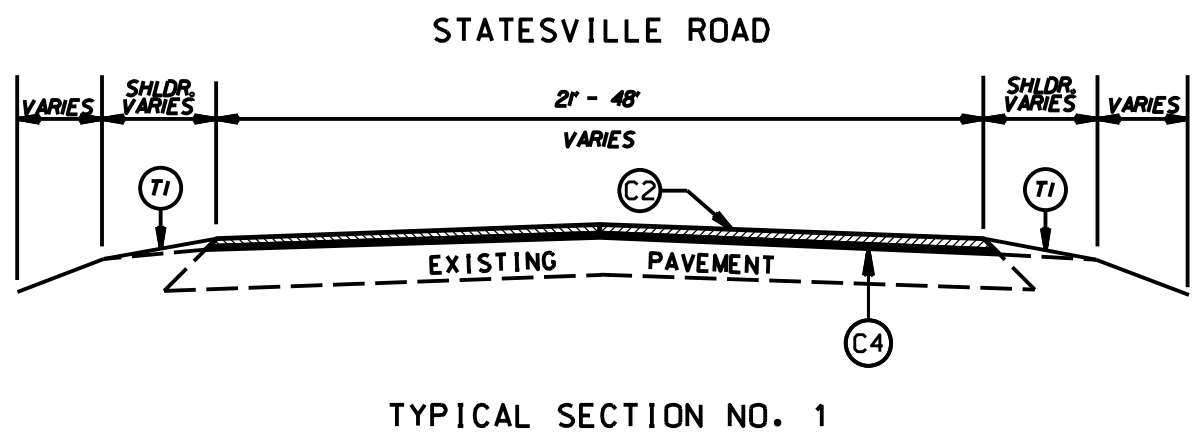
FROM EASTWAY DR TO INDEPENDENCE BLVD

2020 MECKLENBURG COUNTY  
RESURFACING

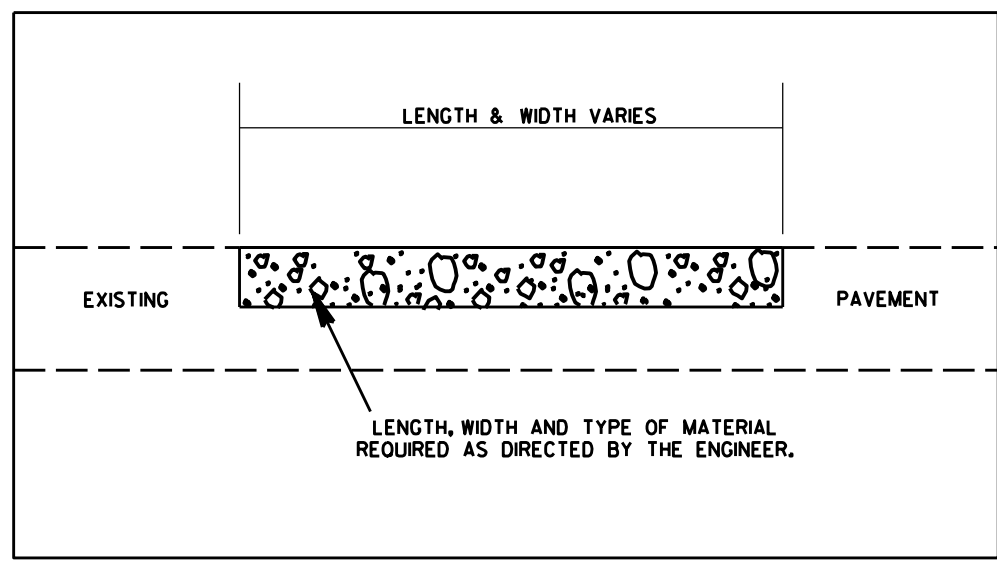
SCALE	-NA-		REVISIONS	
DATE	5/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		22	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		


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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL



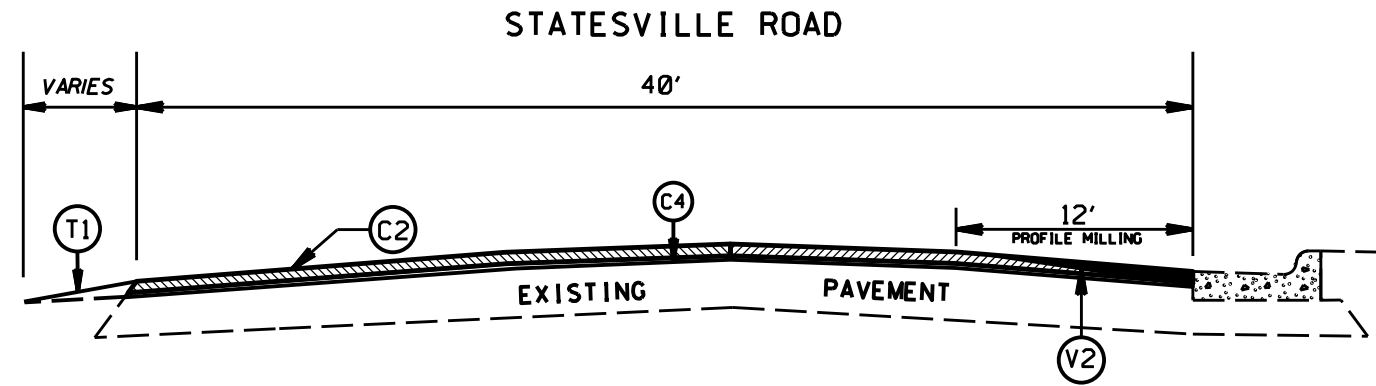
2020 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JME		
DESIGN BY	JME		
APPROVED			

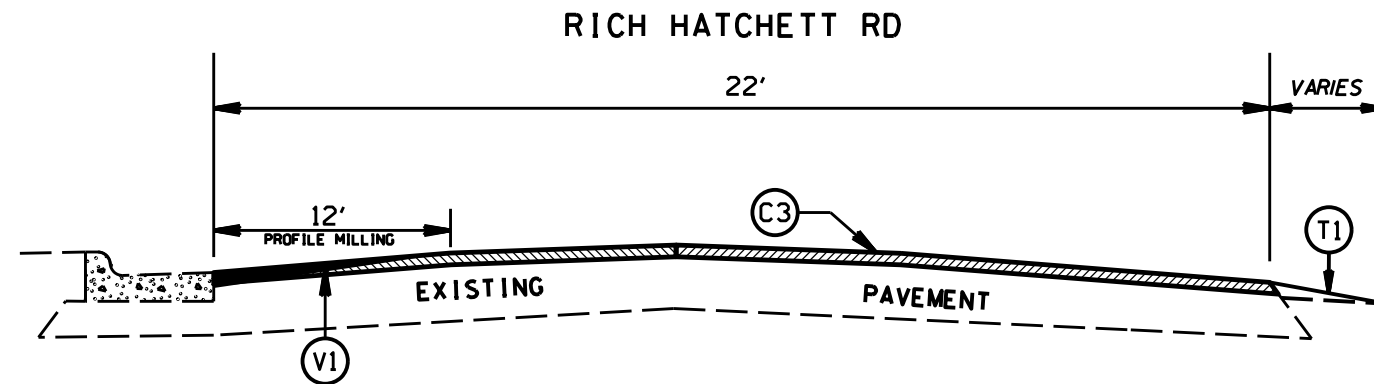
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		23	
WBS NO.	2020CPT. 10.01.10601 2020CPT. 10.01.20601		

### 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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

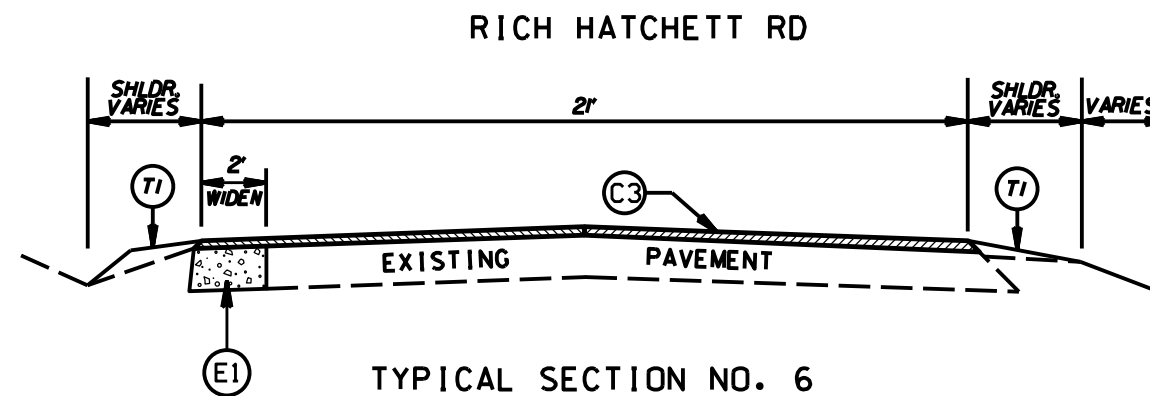
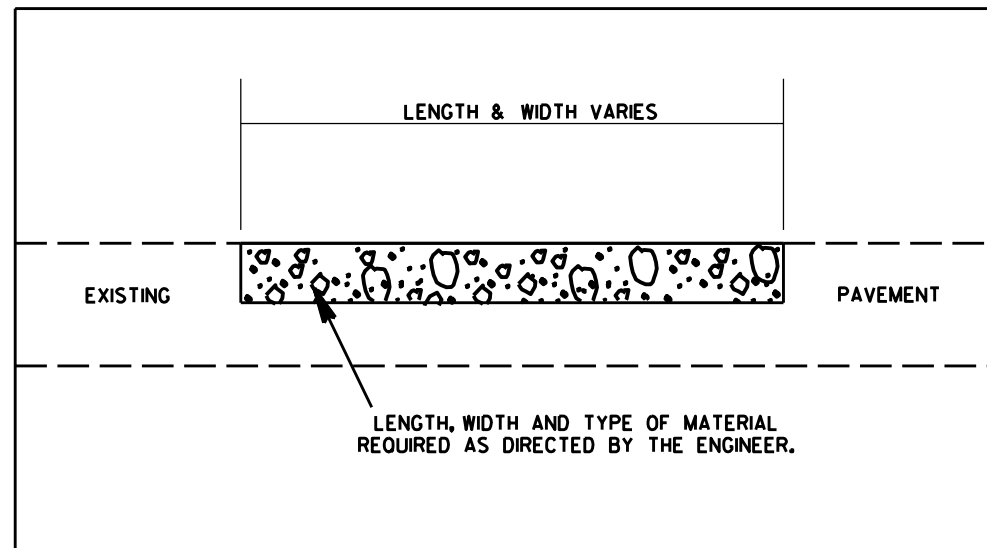


TYPICAL SECTION NO. 4




TYPICAL SECTION NO. 5

### PATCHING DETAIL



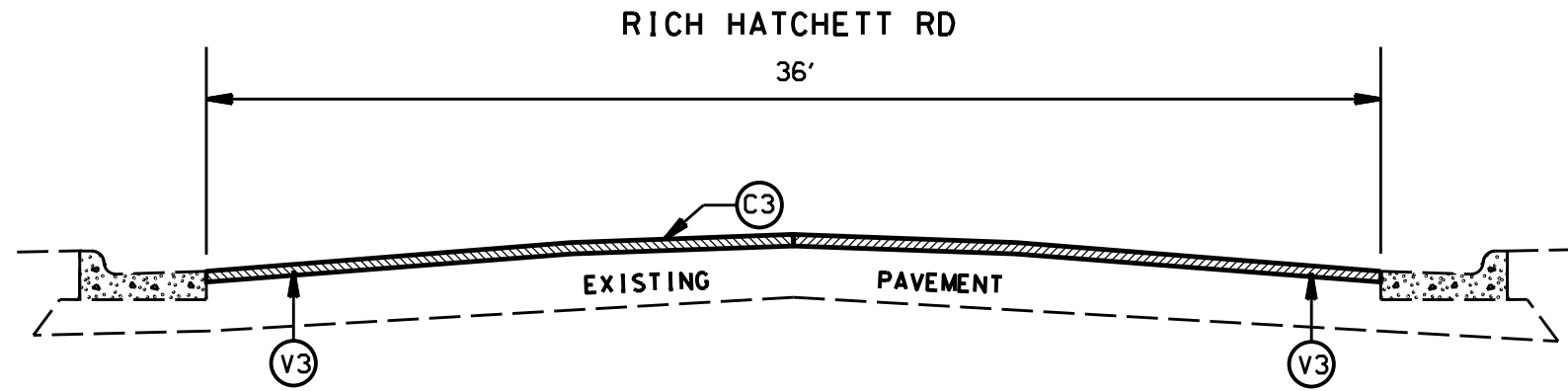
TYPICAL SECTION NO. 6

2020 MECKLENBURG COUNTY RESURFACING

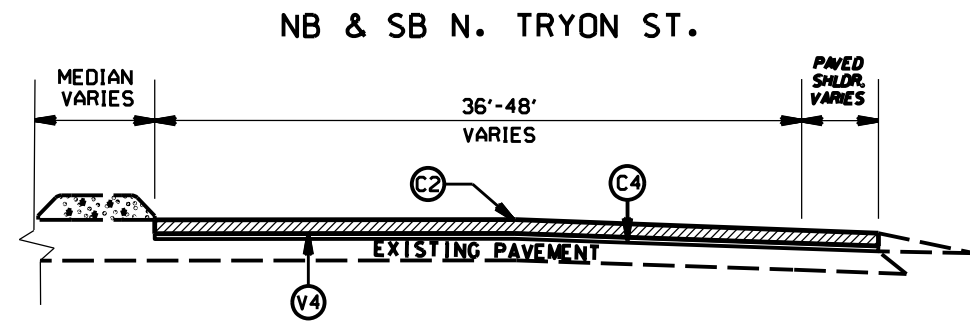
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		24	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

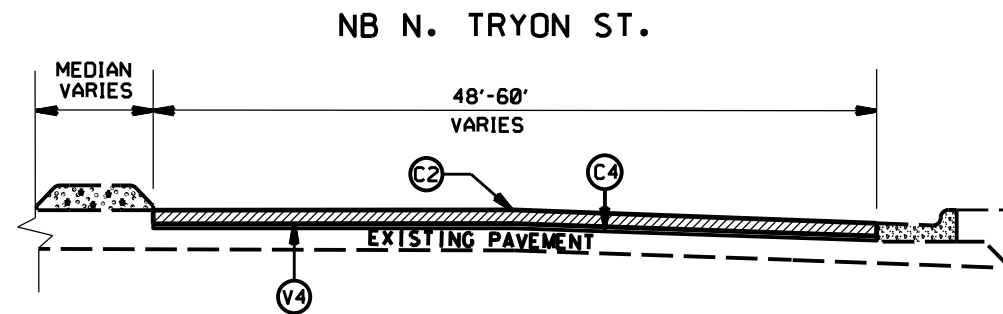
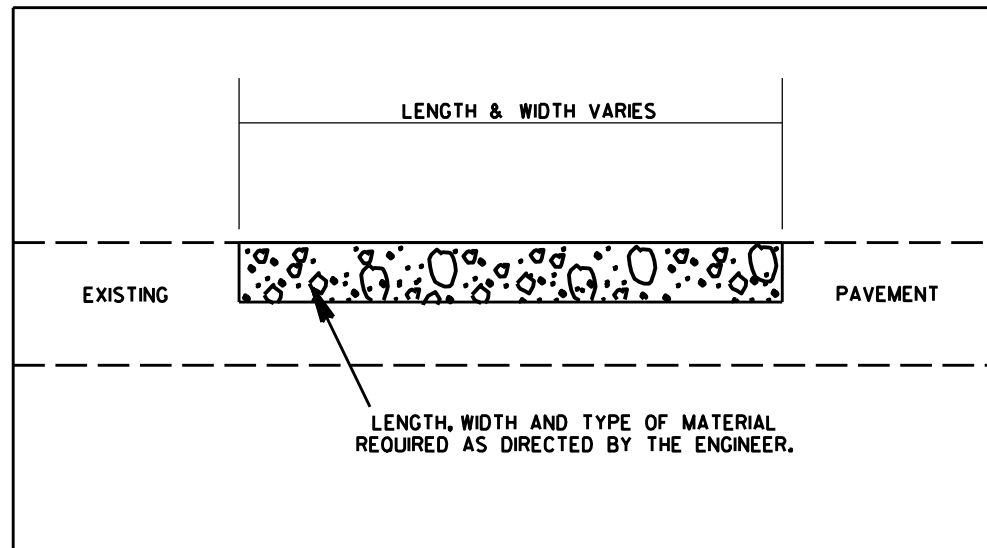


TYPICAL SECTION NO. 7



TYPICAL SECTION NO. 8

### PATCHING DETAIL



TYPICAL SECTION NO. 9

2020 MECKLENBURG COUNTY  
RESURFACING

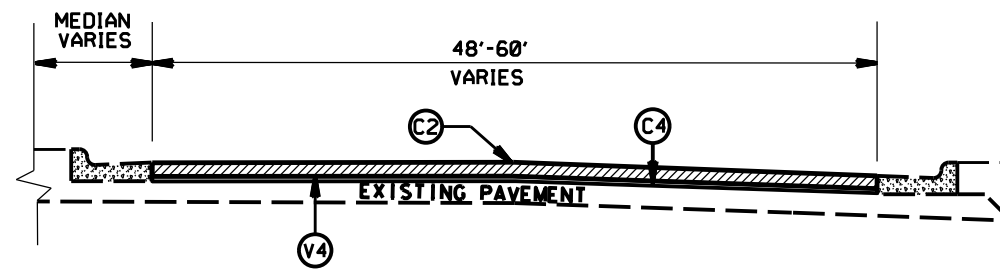
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		25	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

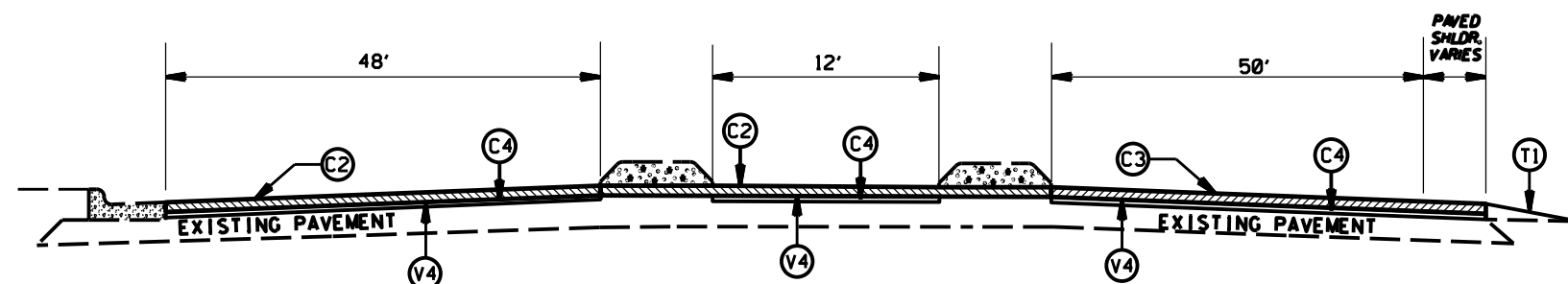
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

NB N. TRYON ST



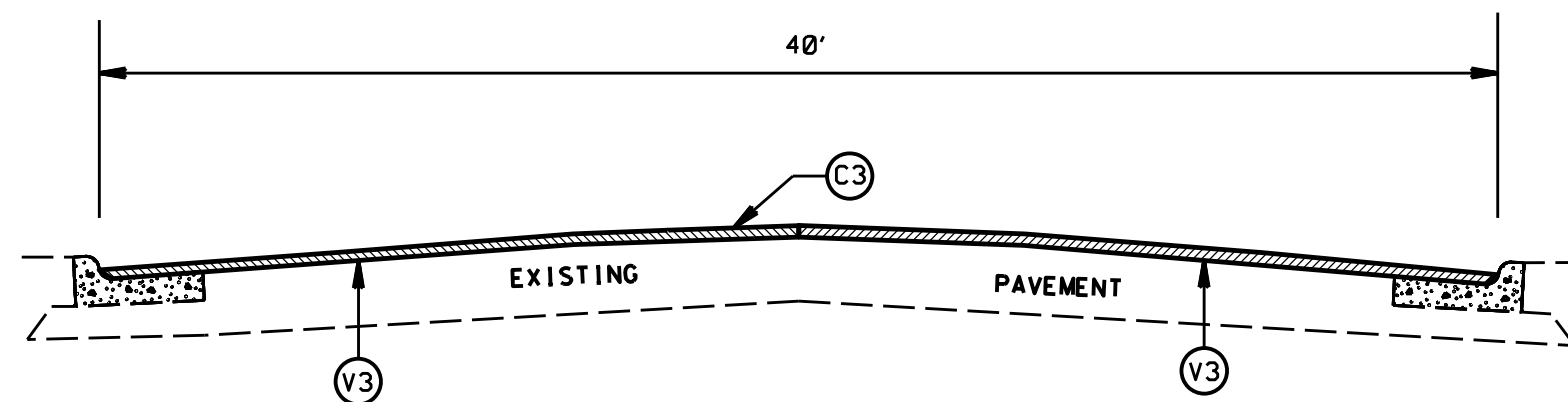
TYPICAL SECTION NO. 10

SB N. TRYON ST.



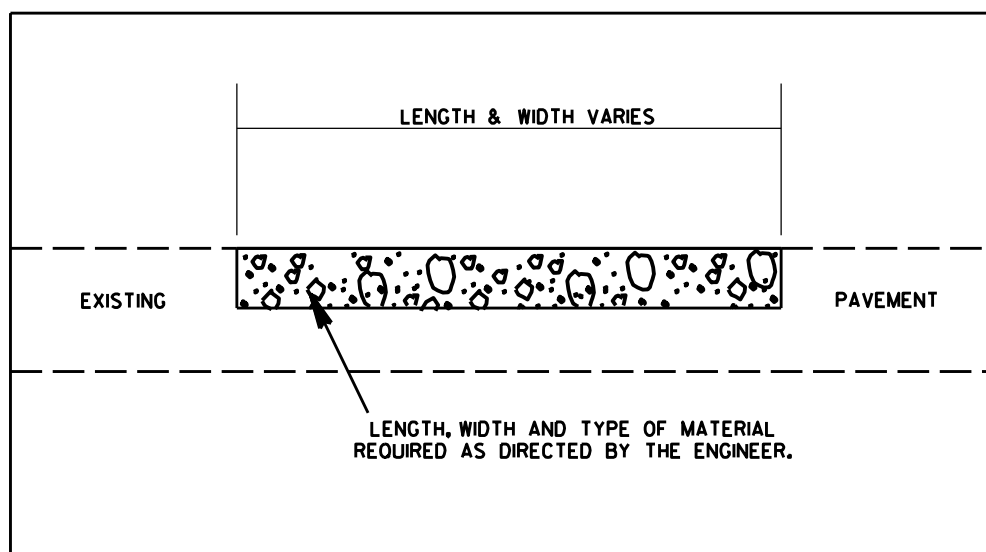
TYPICAL SECTION NO. 11

MAIN ST. PINEVILLE RD



TYPICAL SECTION NO. 12

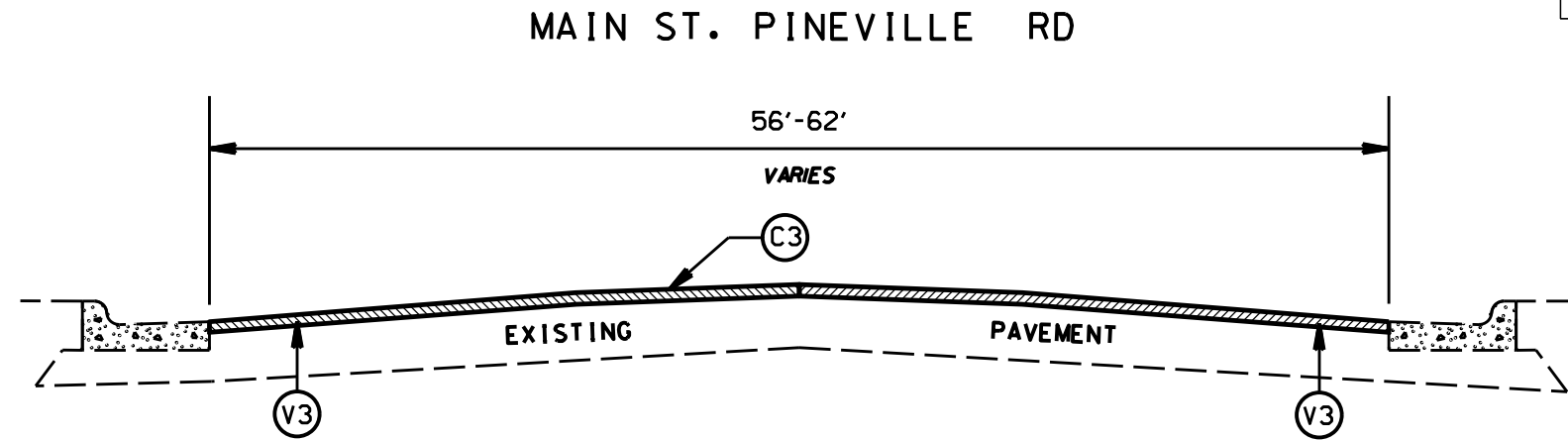
PATCHING DETAIL



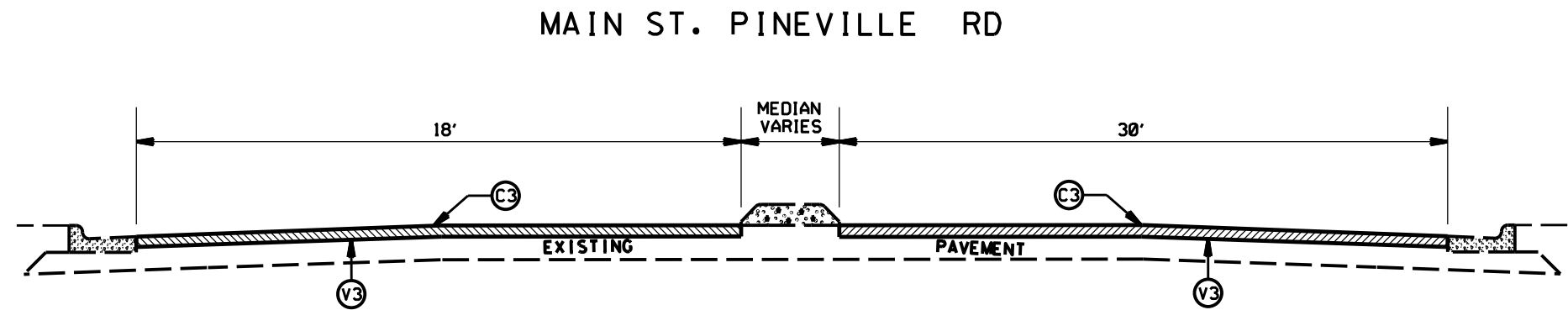
2020 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

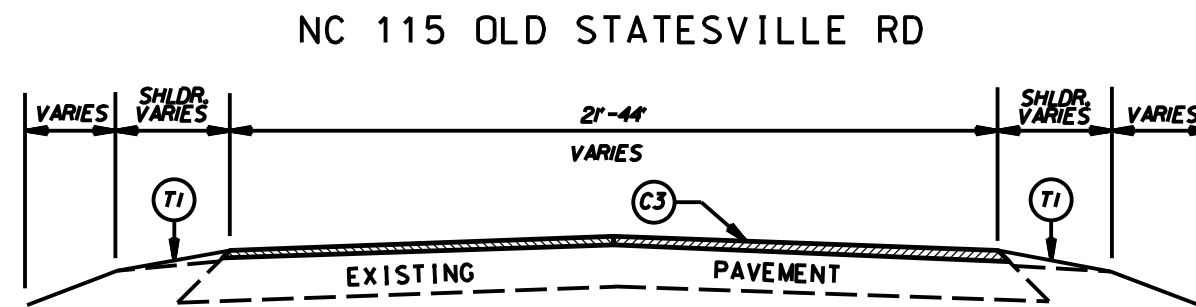
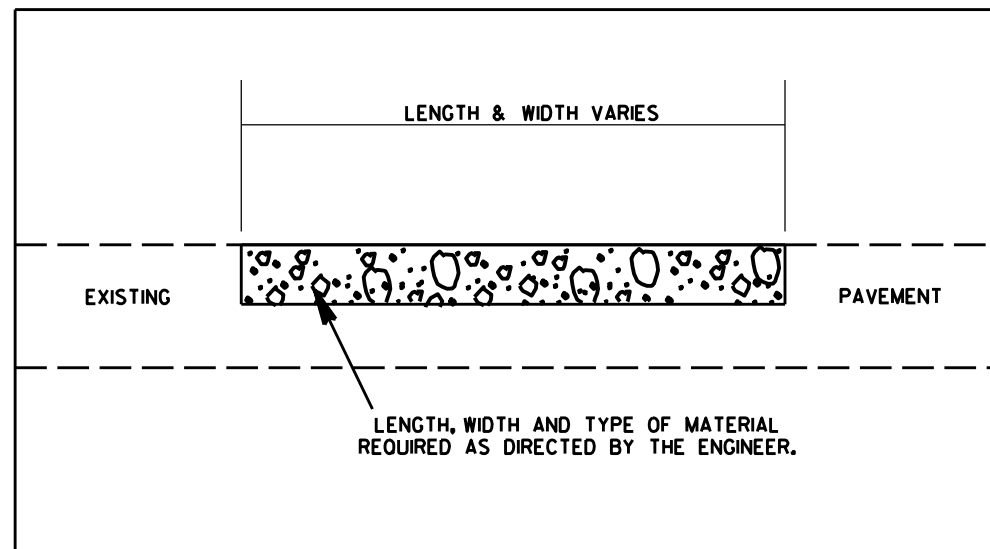


TYPICAL SECTION NO. 13




TYPICAL SECTION NO. 14

PATCHING DETAIL



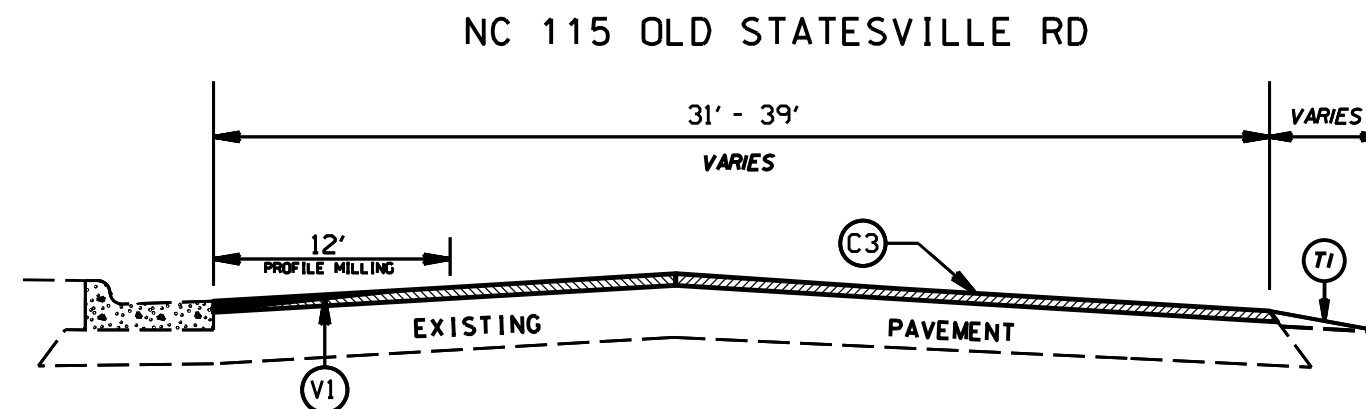
TYPICAL SECTION NO. 15

2020 MECKLENBURG COUNTY  
RESURFACING

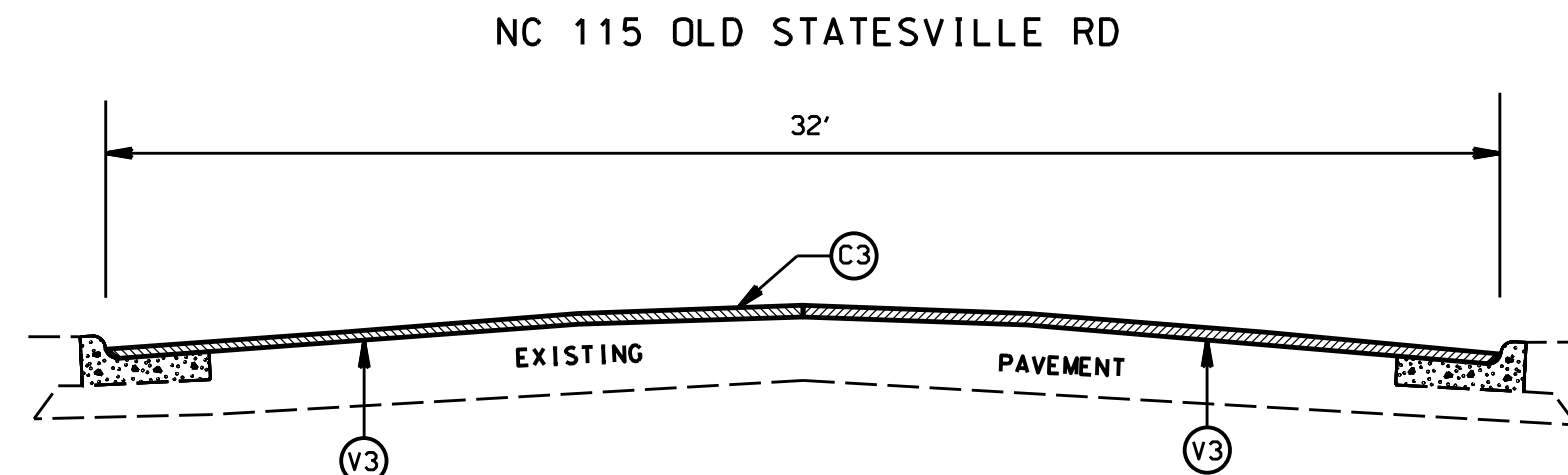
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		27	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

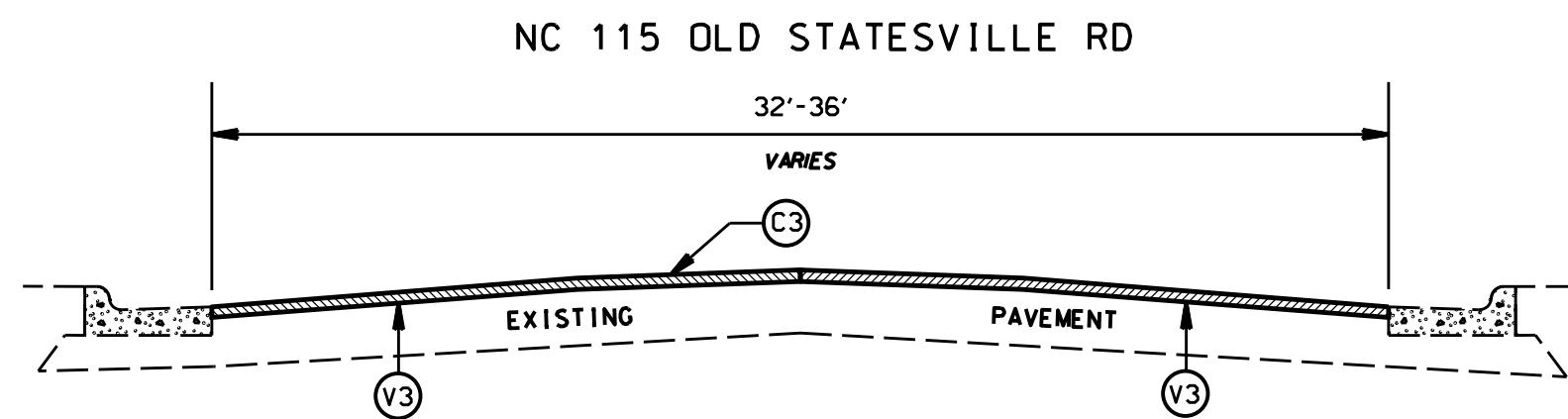
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



TYPICAL SECTION NO. 16




TYPICAL SECTION NO. 17

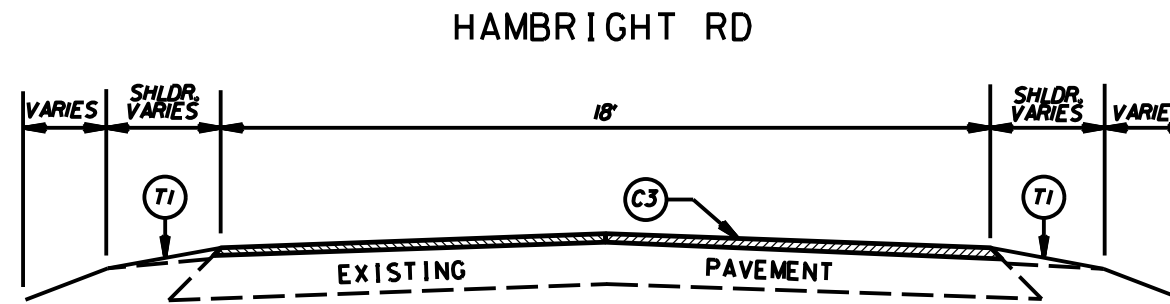


TYPICAL SECTION NO. 18

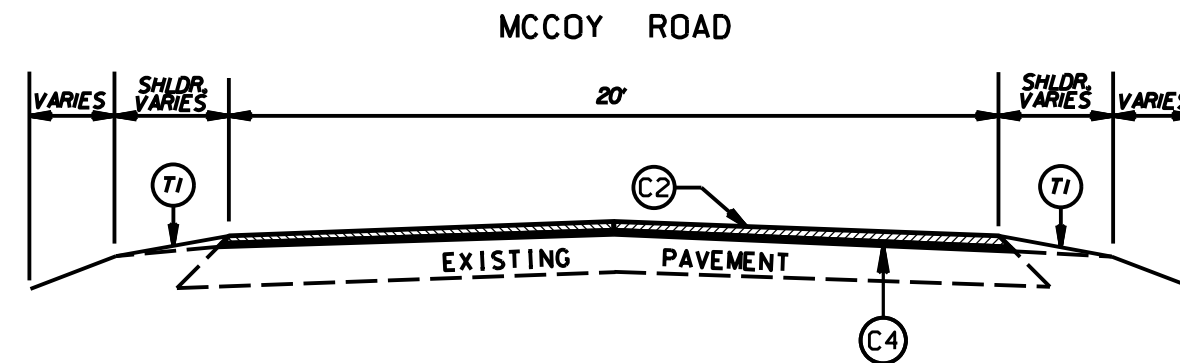
2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

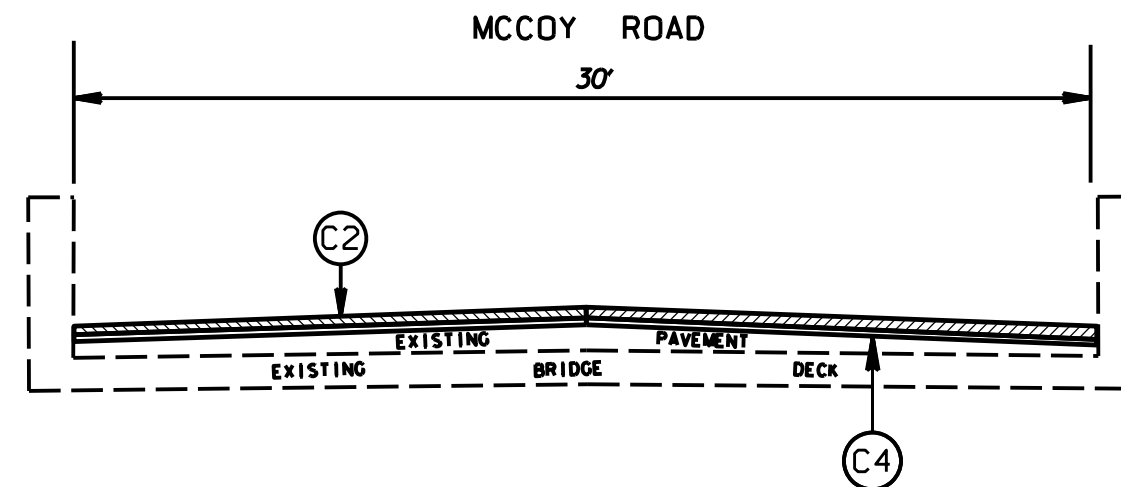
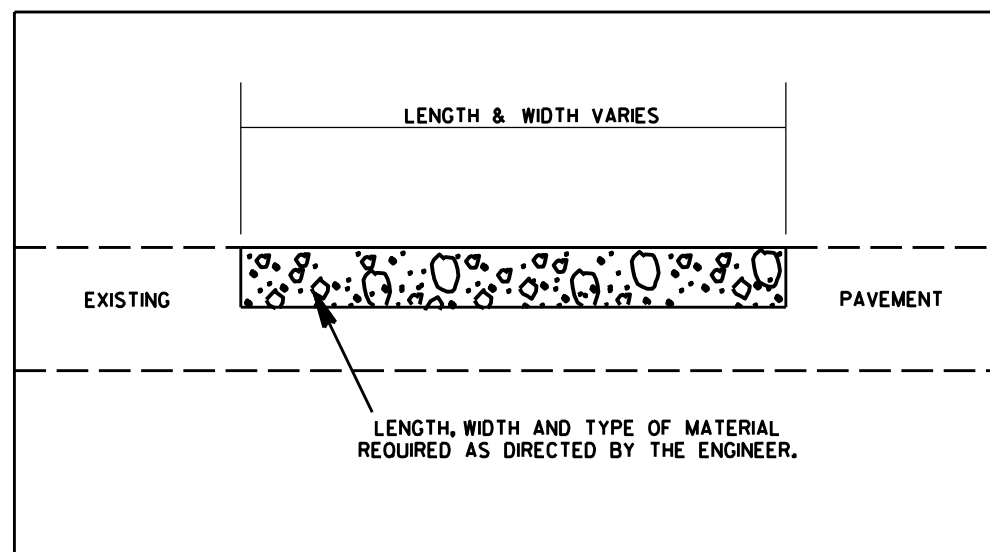


TYPICAL SECTION NO. 19



TYPICAL SECTION NO. 20

PATCHING DETAIL

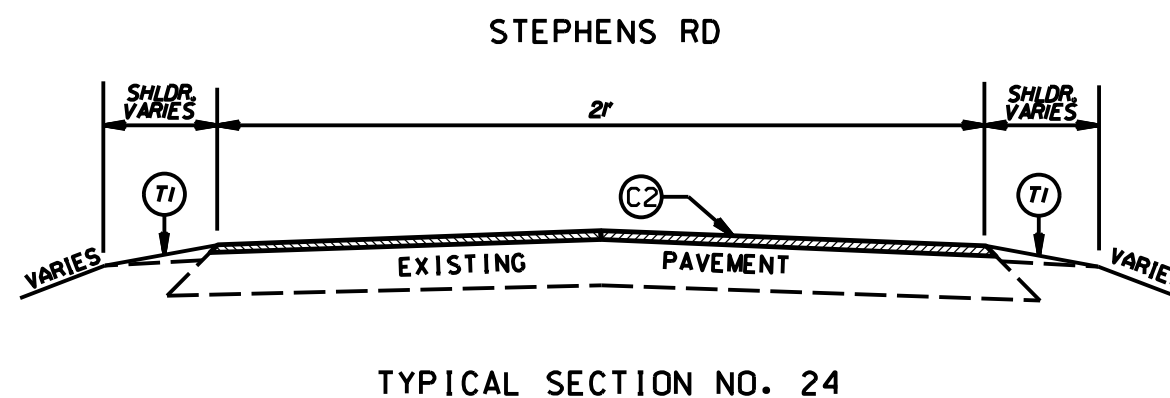
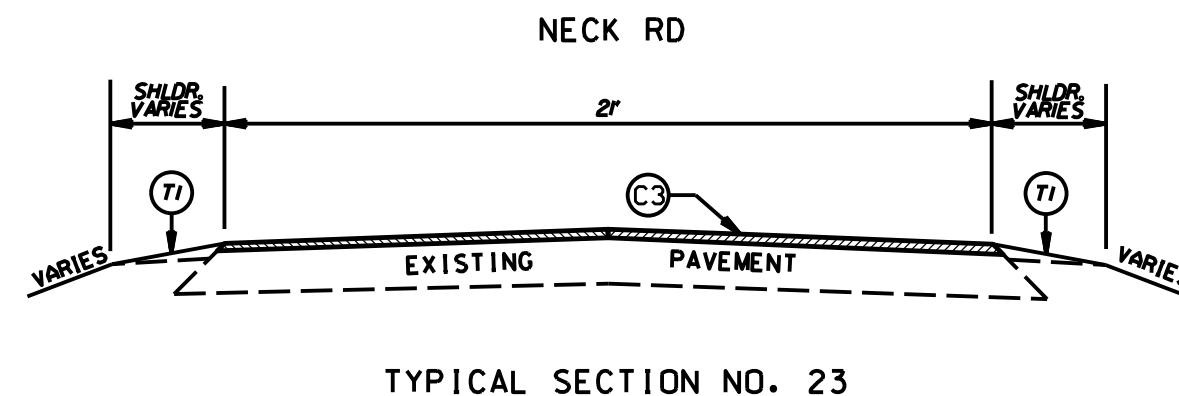
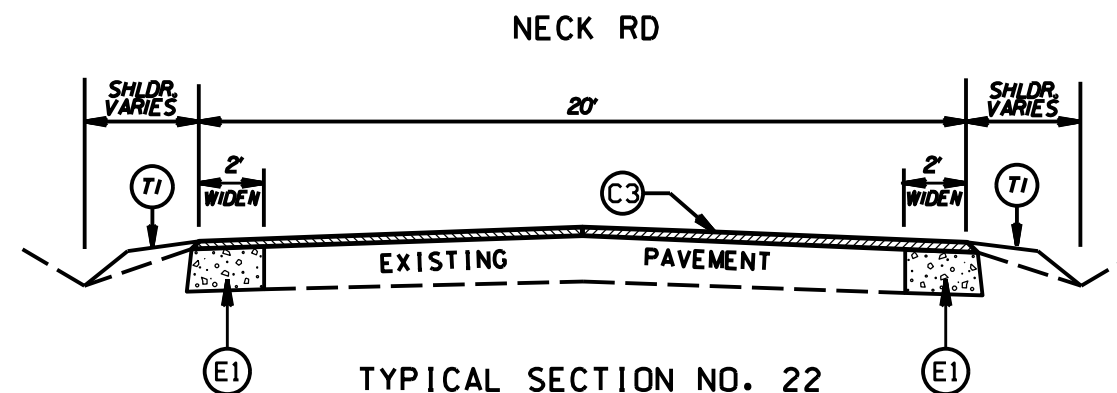


TYPICAL SECTION NO. 21

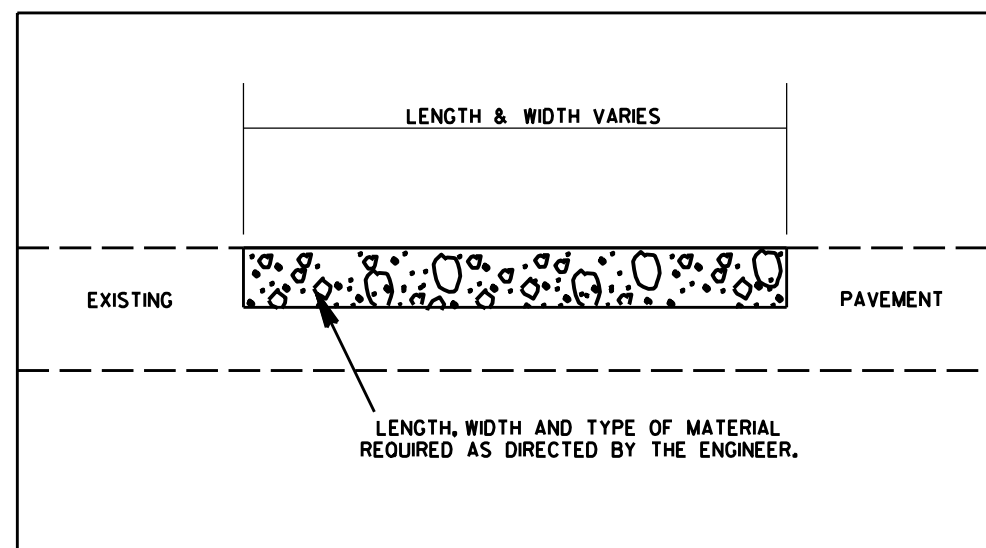
2020 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL

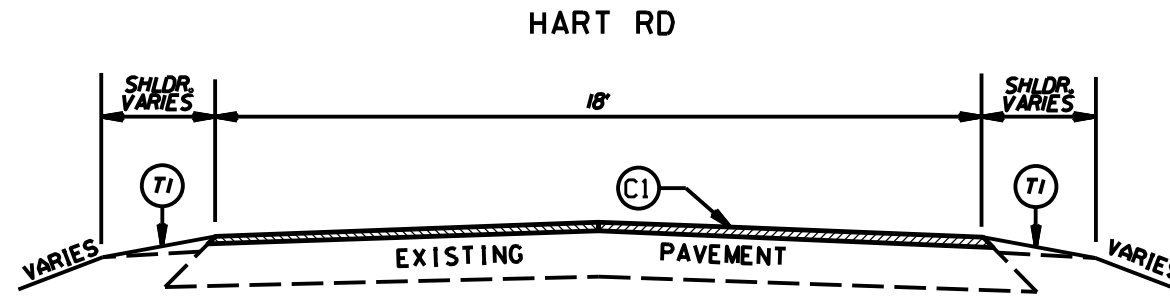


2020 MECKLENBURG COUNTY  
RESURFACING

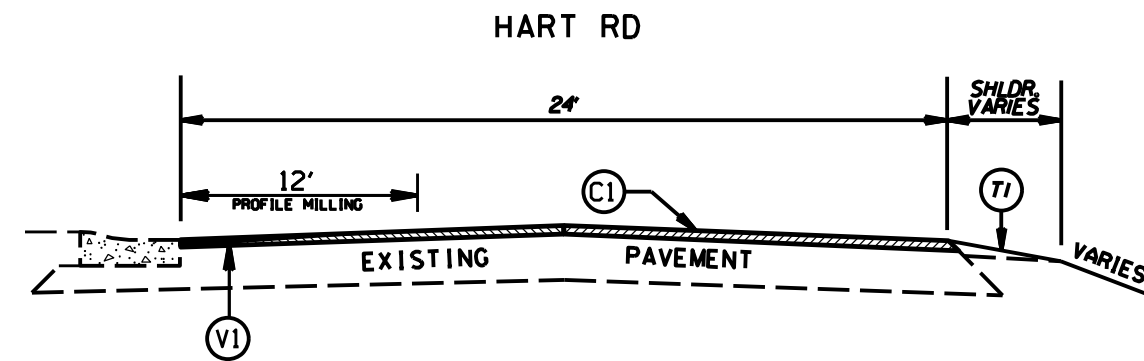
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		30	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

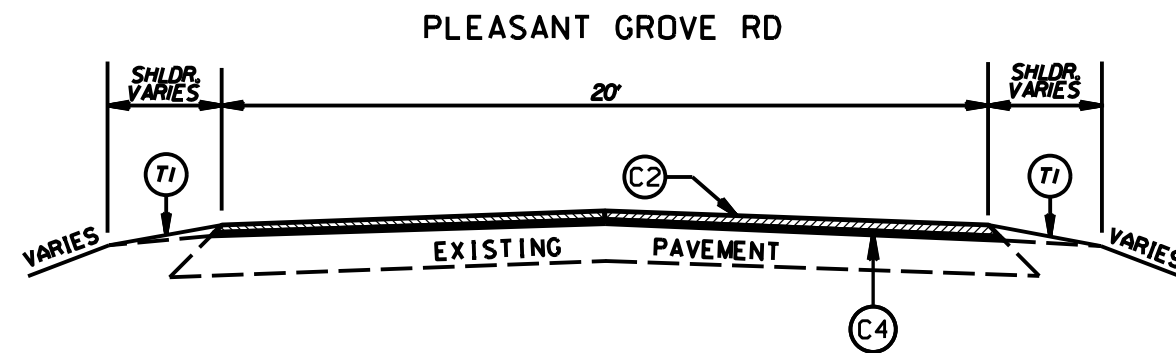
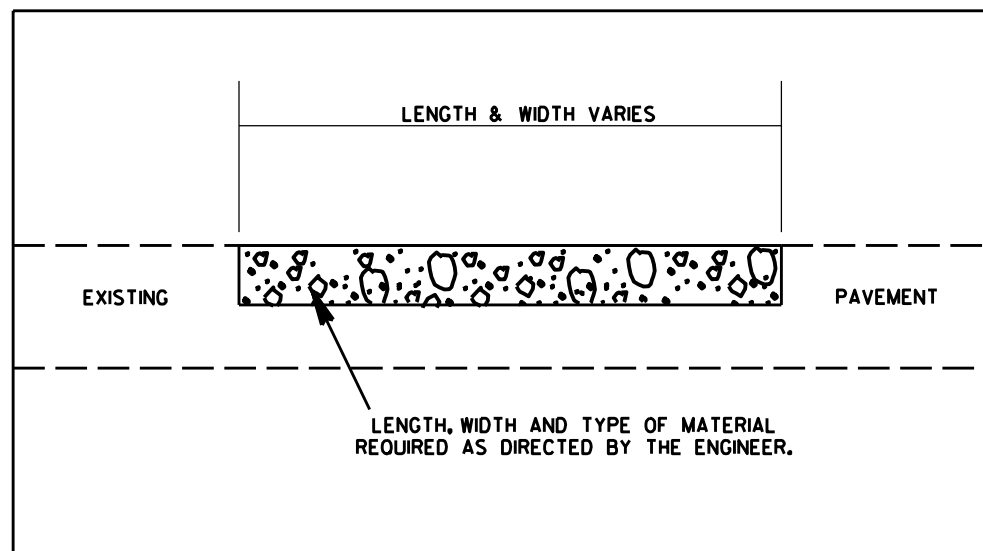


TYPICAL SECTION NO. 25



TYPICAL SECTION NO. 26

### PATCHING DETAIL



TYPICAL SECTION NO. 27

2020 MECKLENBURG COUNTY  
RESURFACING

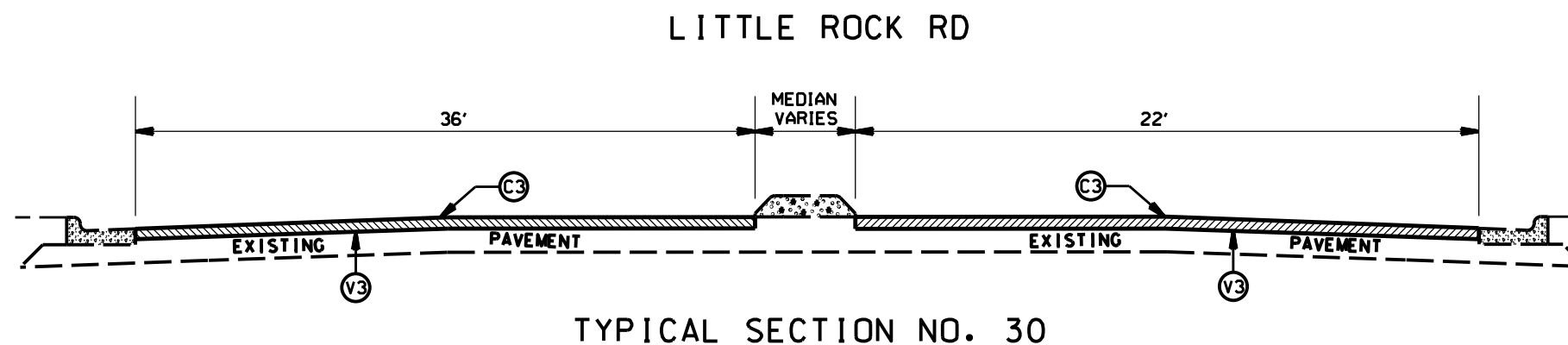
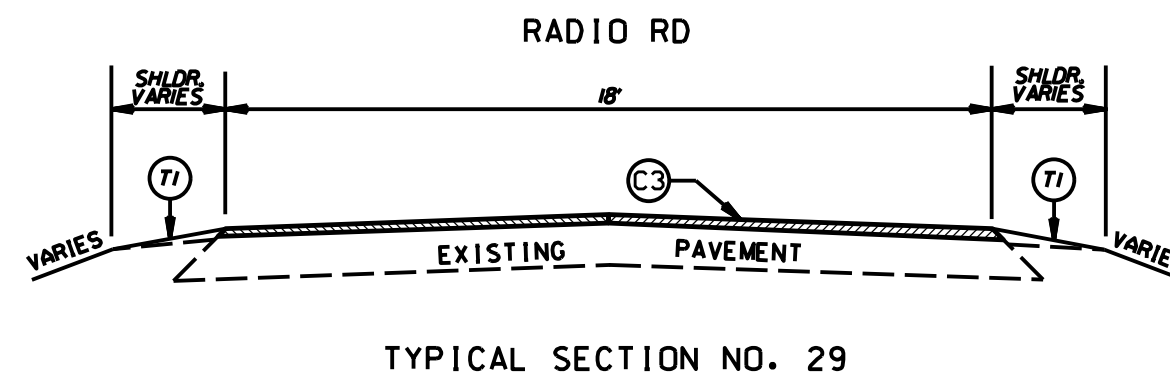
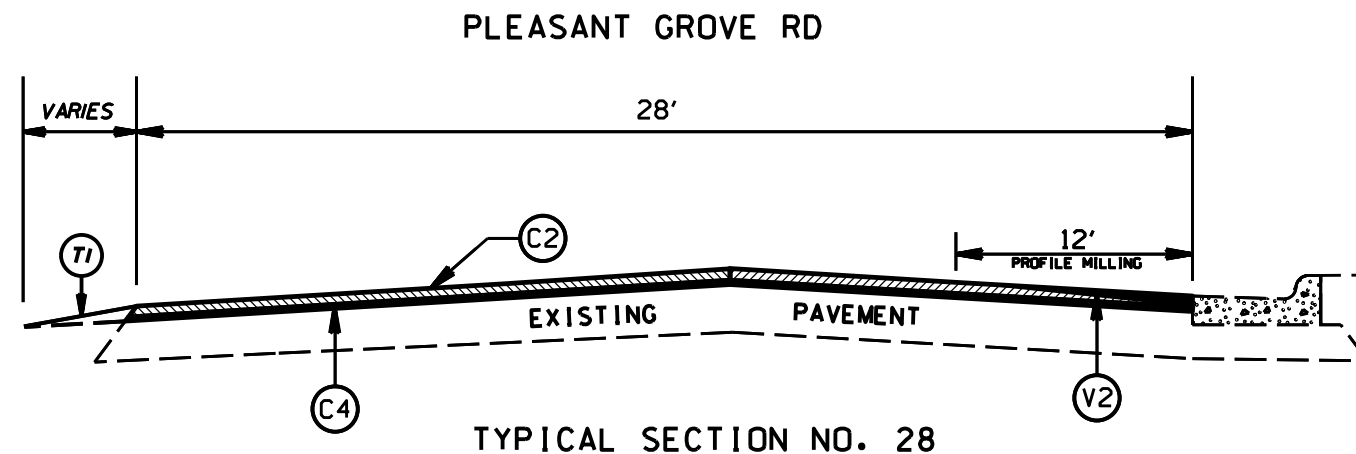
SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	



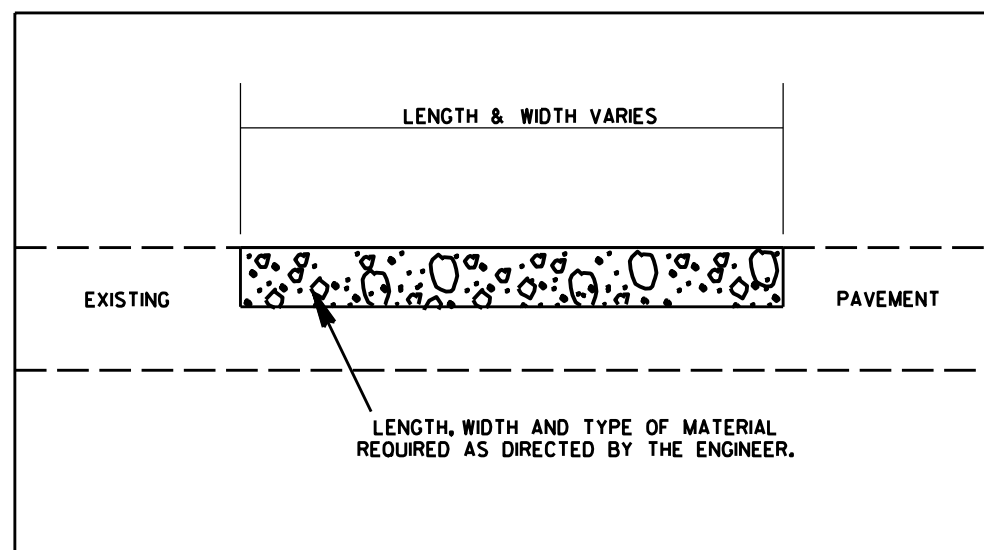
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		31	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL



2020 MECKLENBURG COUNTY  
RESURFACING

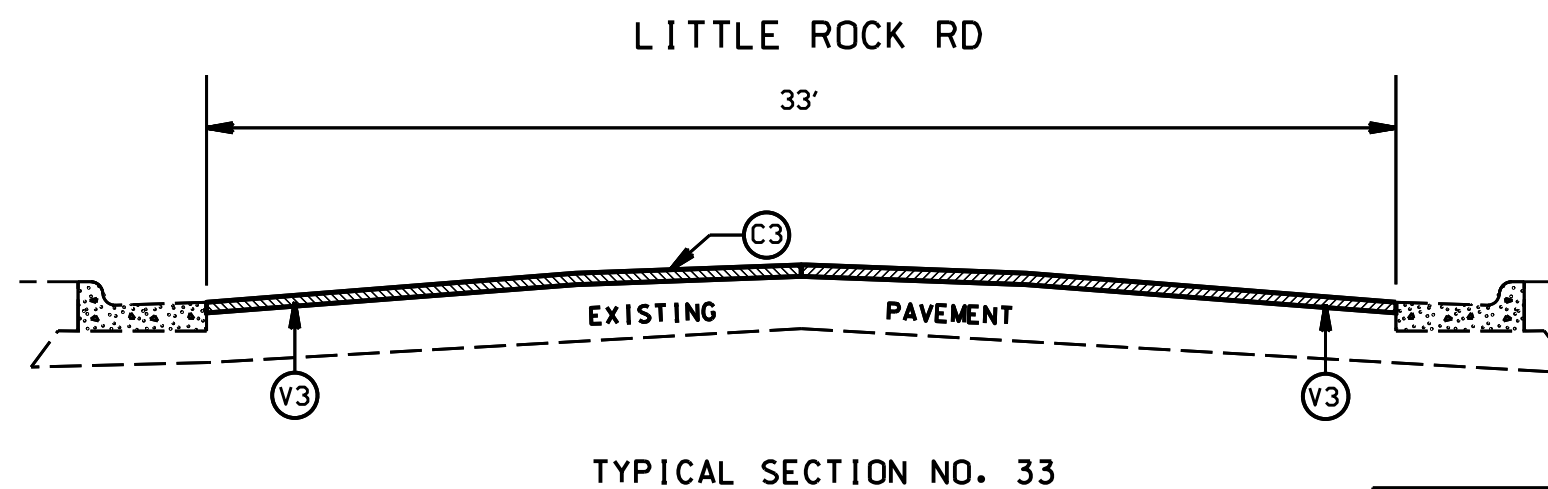
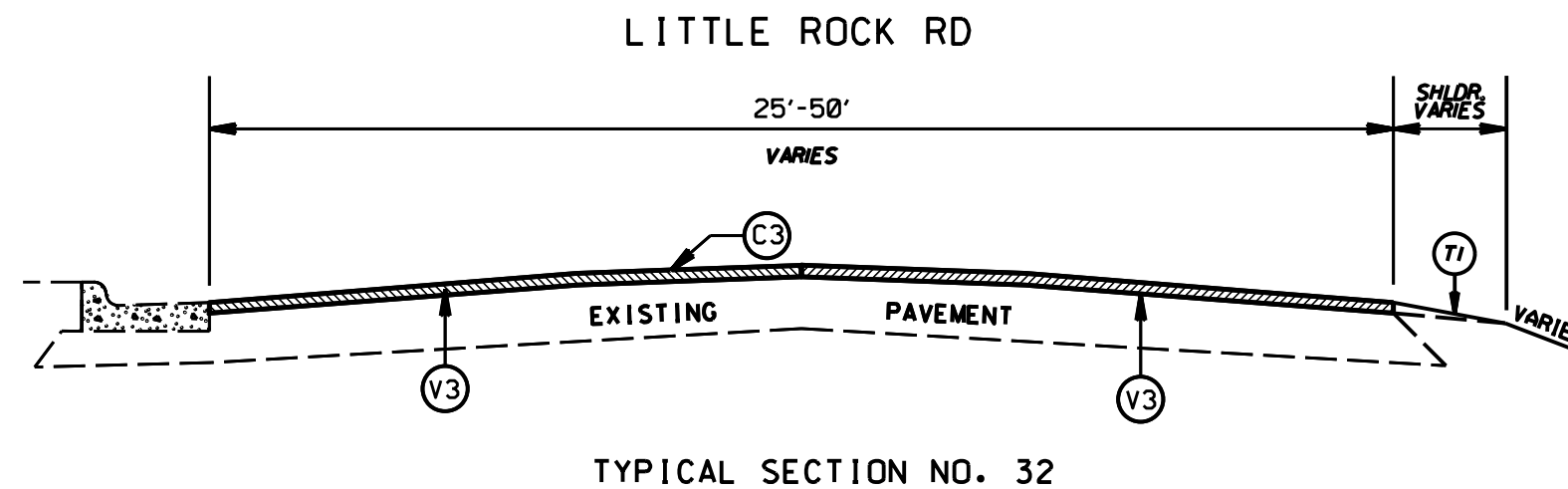
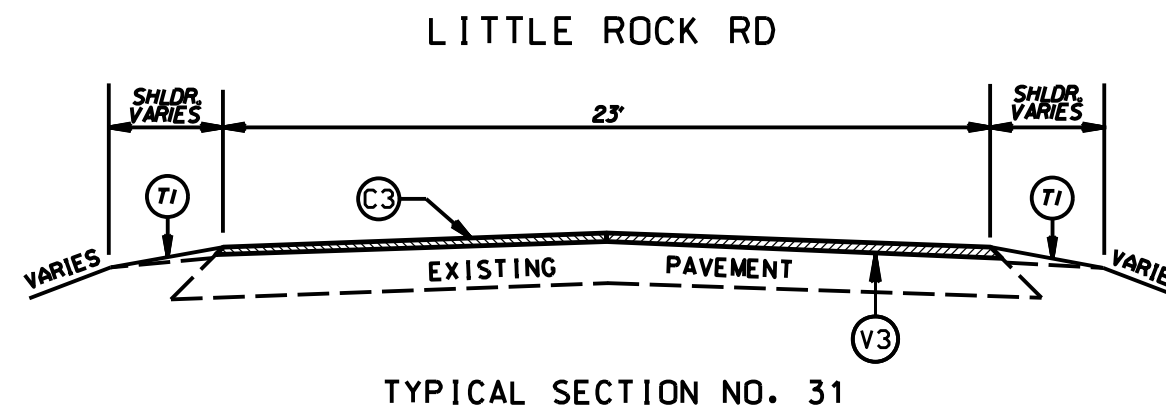
SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	



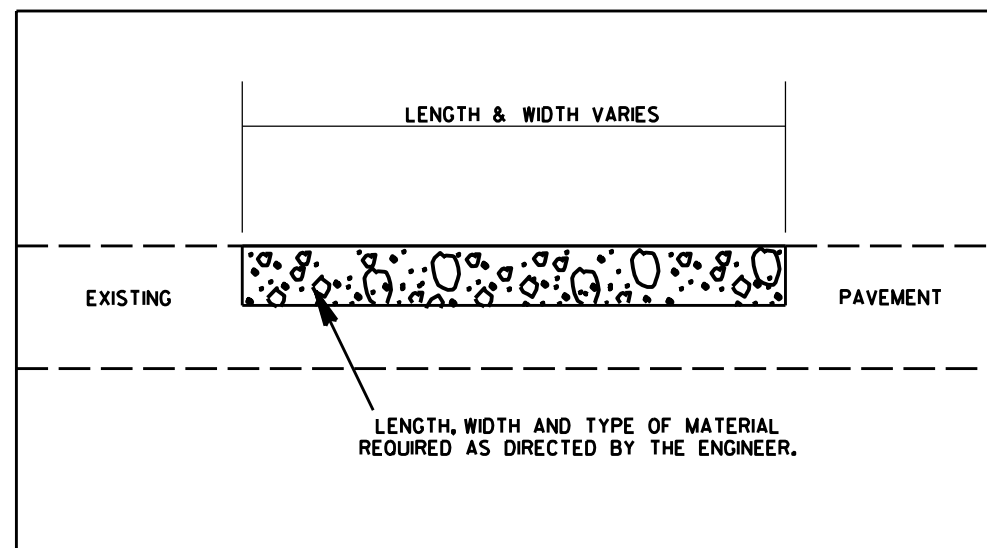
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		32	
WBS NO. 2020CPT.10.01.10601 2020CPT.10.01.20601			

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL



2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	

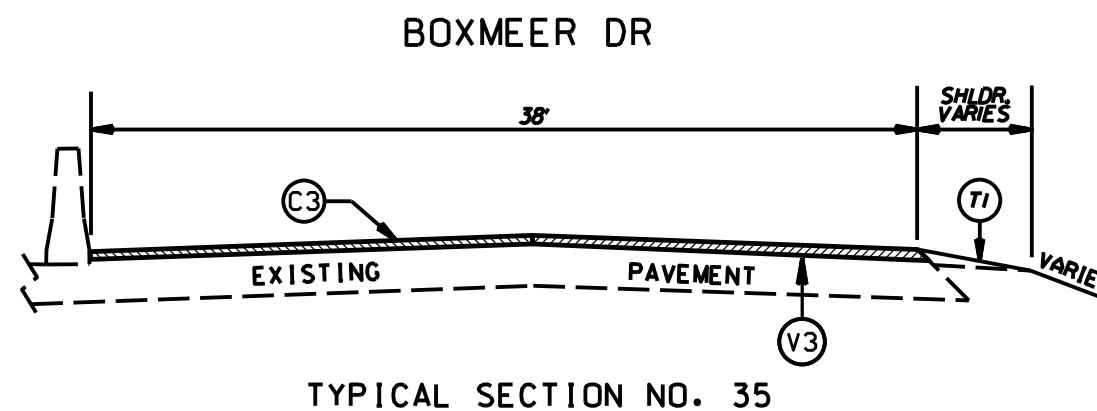
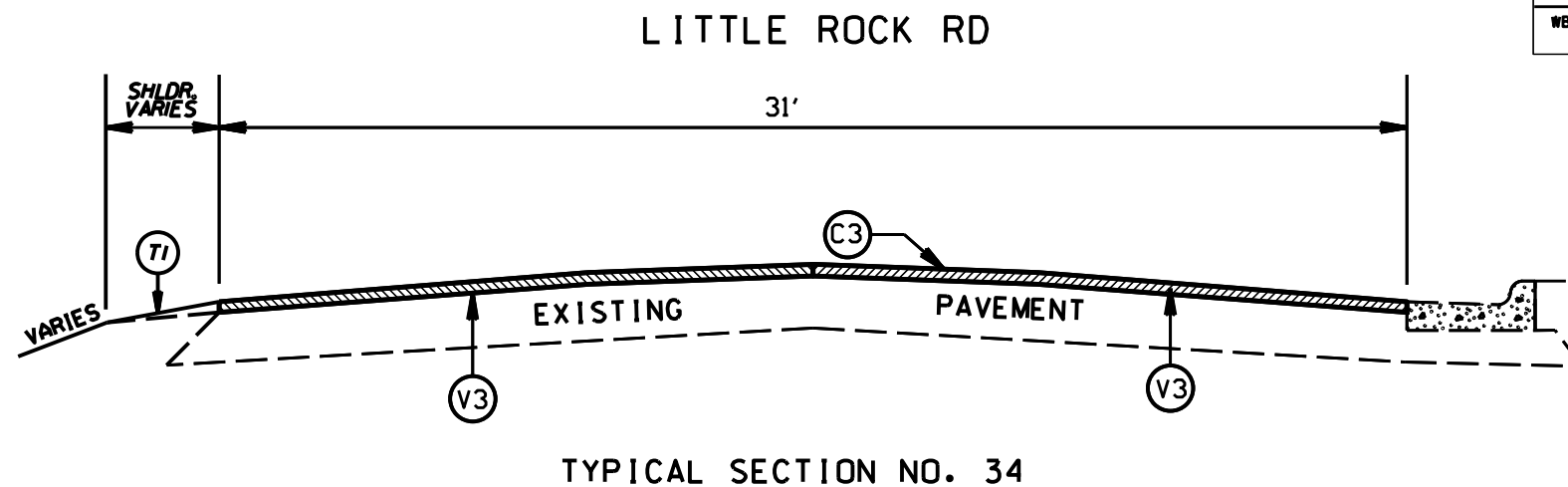


REVISIONS	

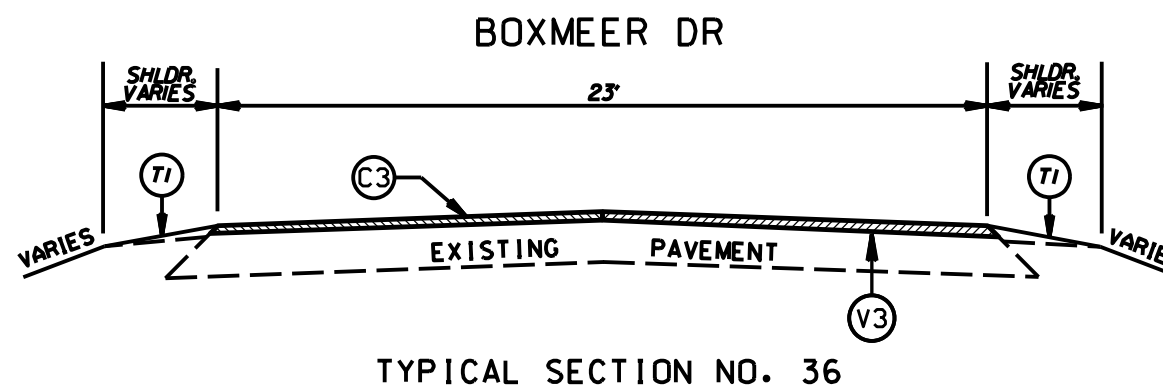
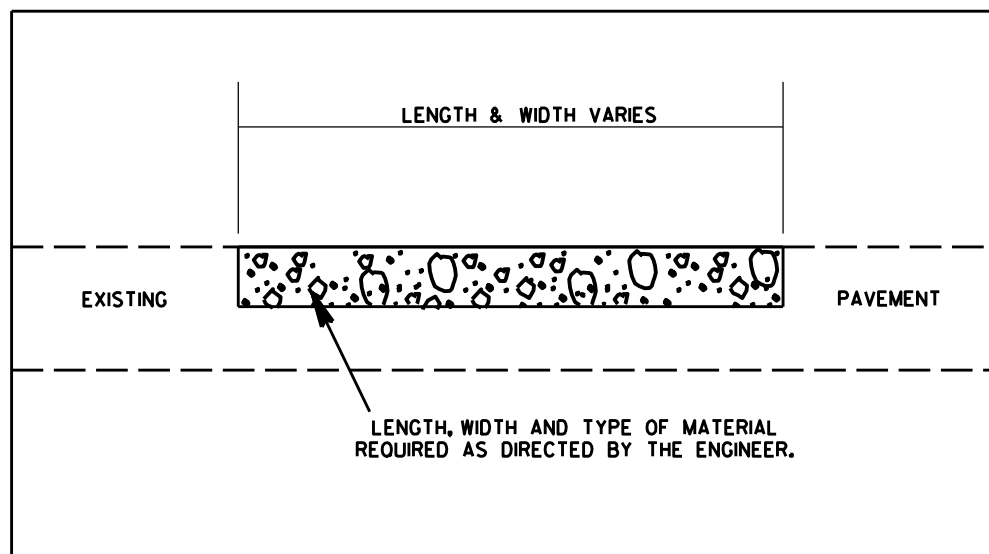


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		33	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		


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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL

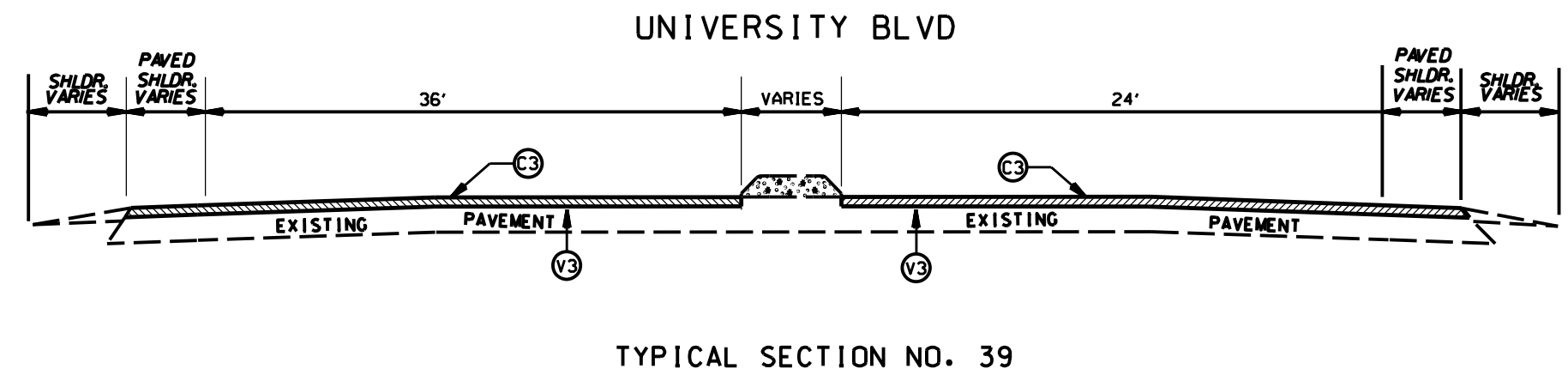
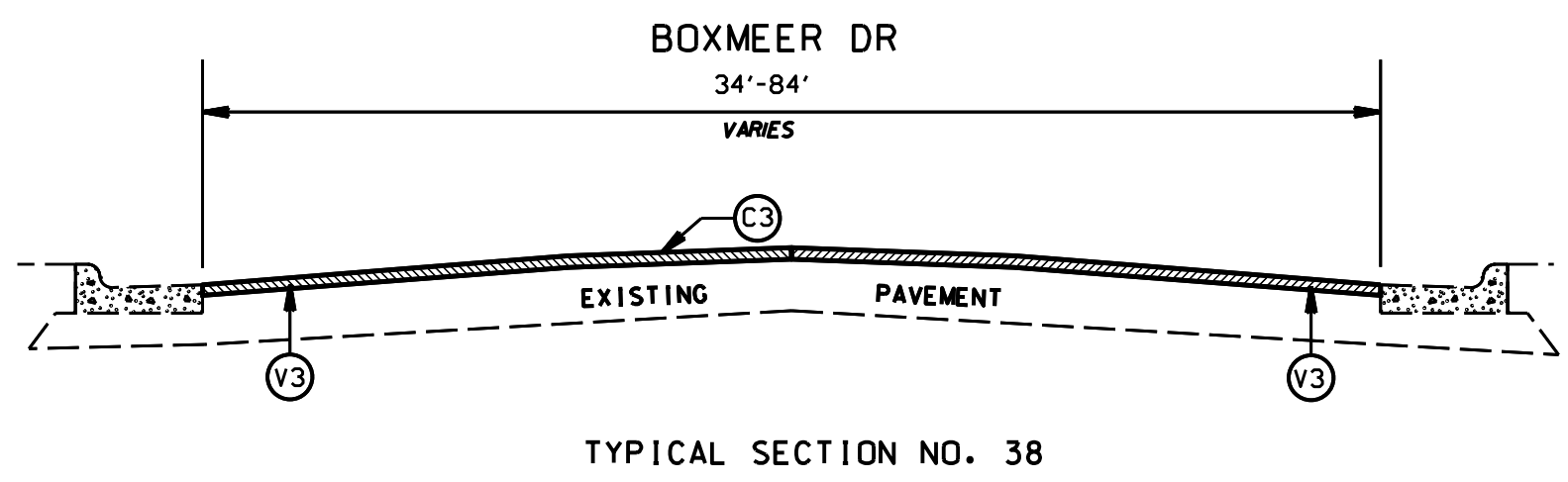
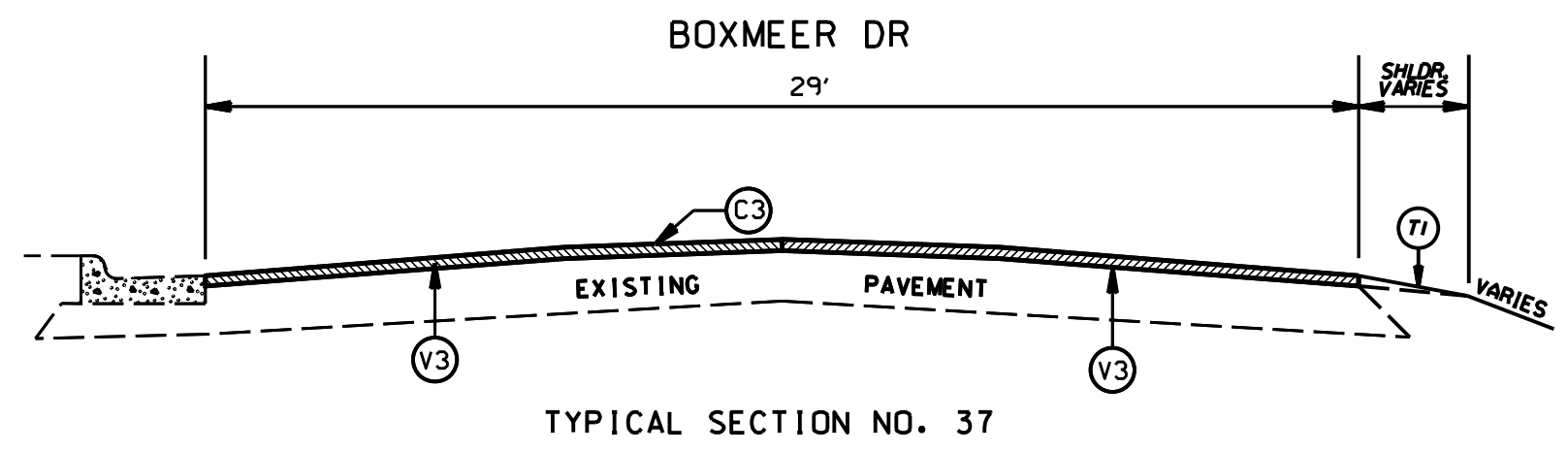


2020 MECKLENBURG COUNTY RESURFACING


SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		34	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

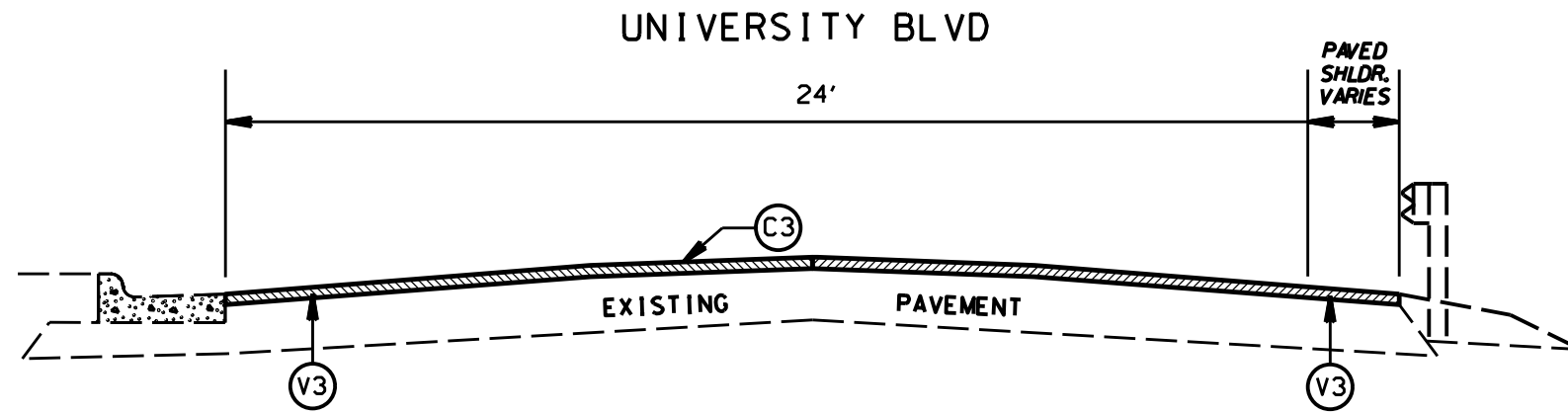


2020 MECKLENBURG COUNTY RESURFACING

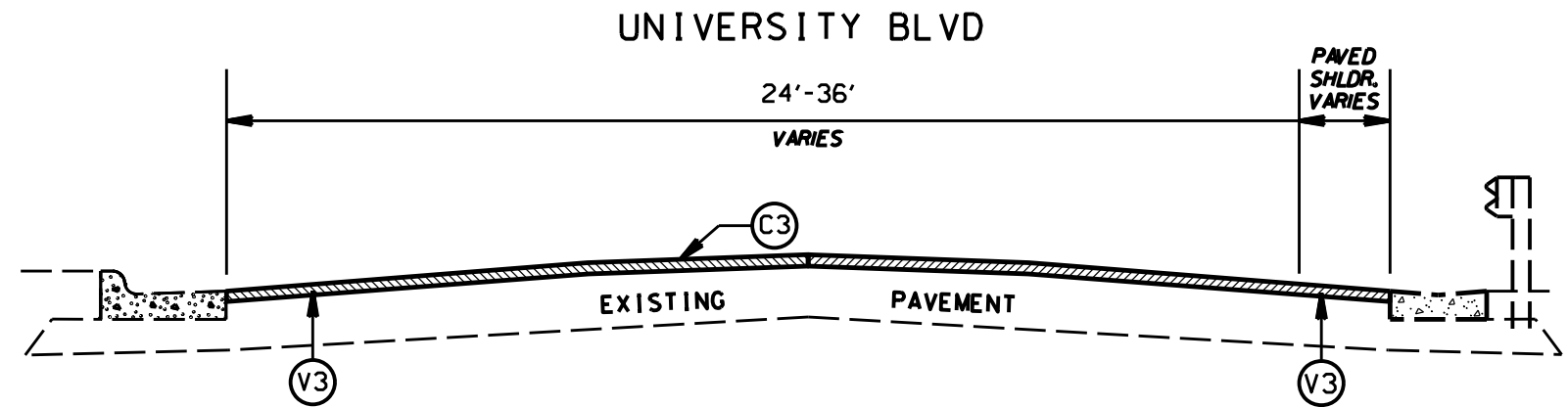
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		35	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

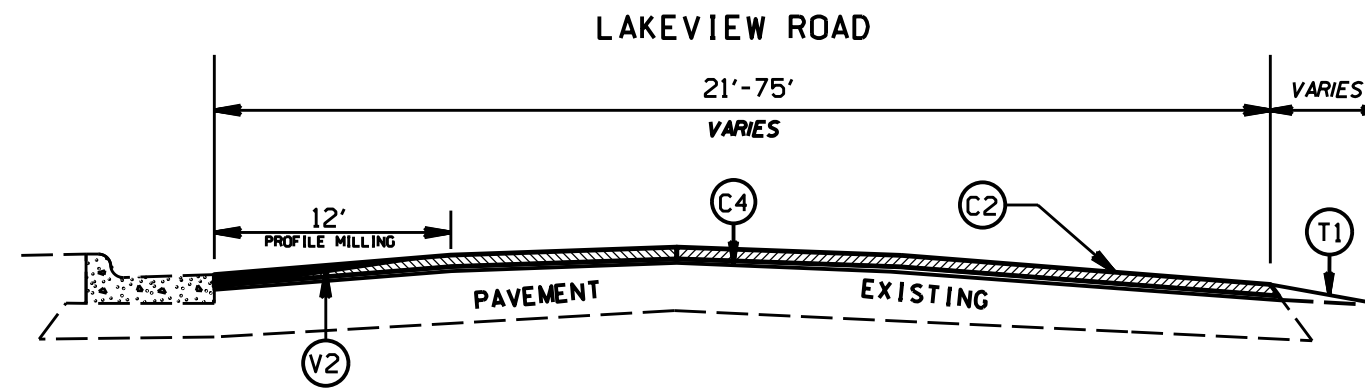
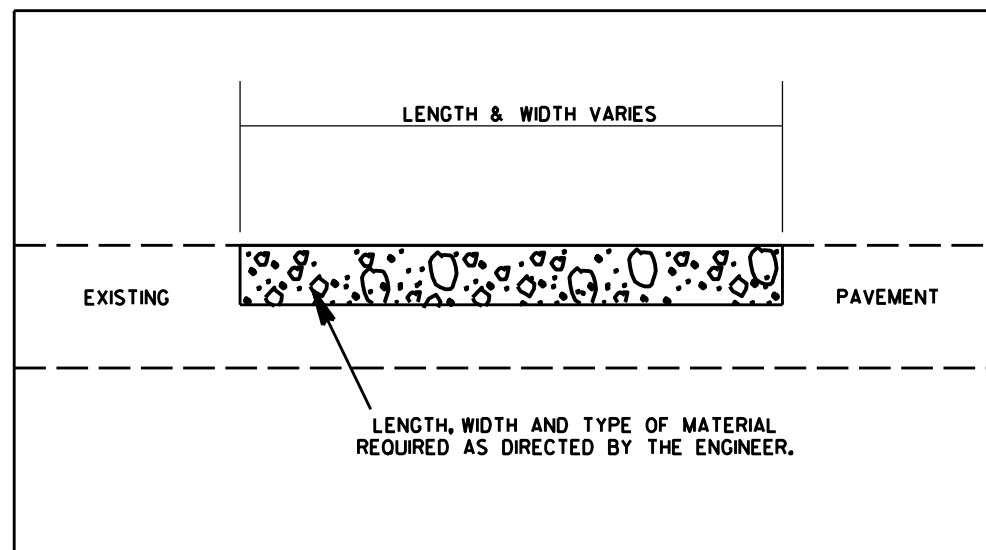


TYPICAL SECTION NO. 40



TYPICAL SECTION NO. 41

PATCHING DETAIL



TYPICAL SECTION NO. 42

2020 MECKLENBURG COUNTY RESURFACING

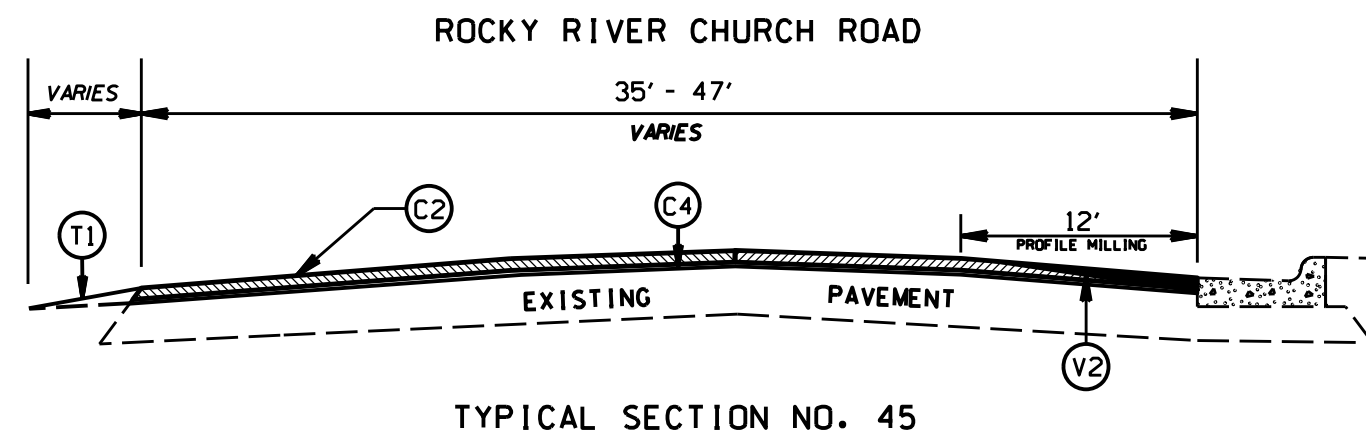
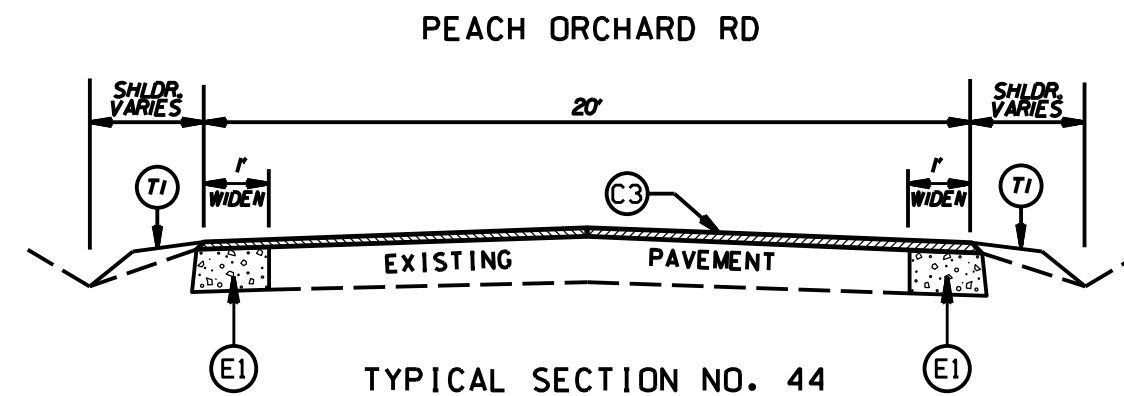
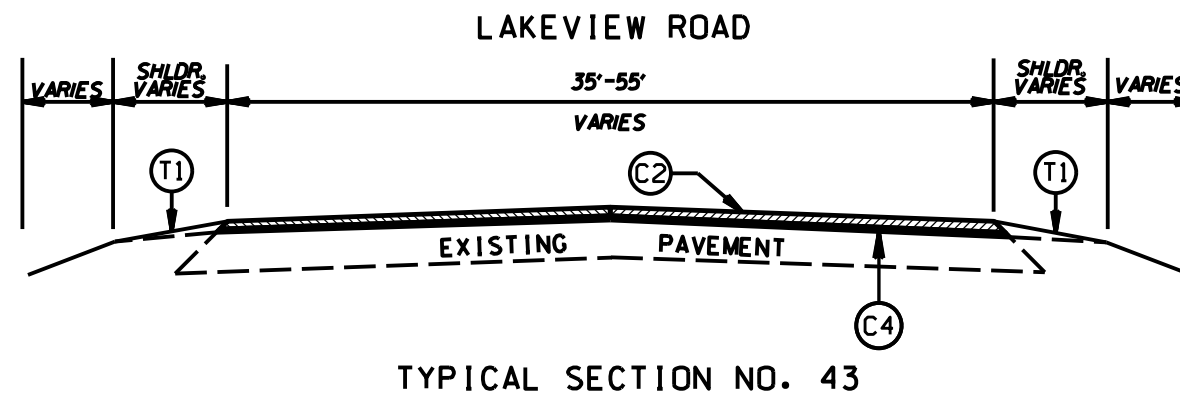
SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	



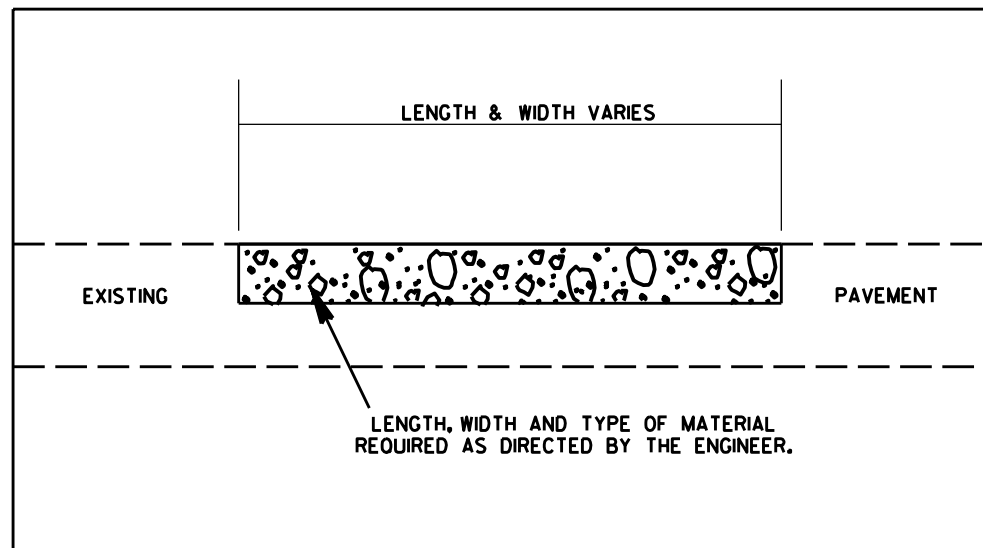
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		36	
WBS NO.	2020CPT. 10.01.10601 2020CPT. 10.01.20601		

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL



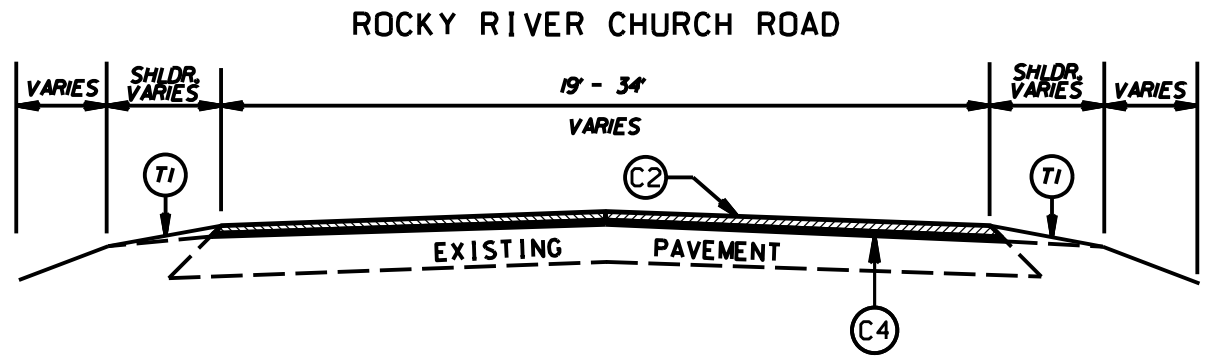
2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	

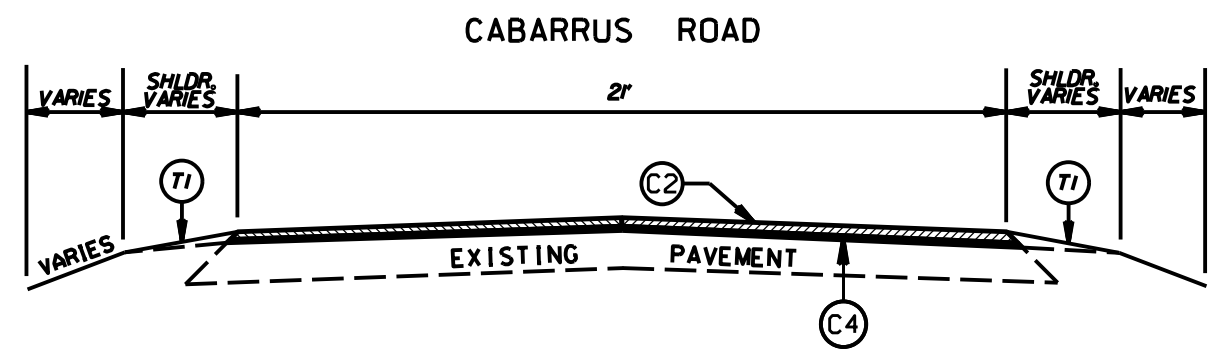


REVISIONS	

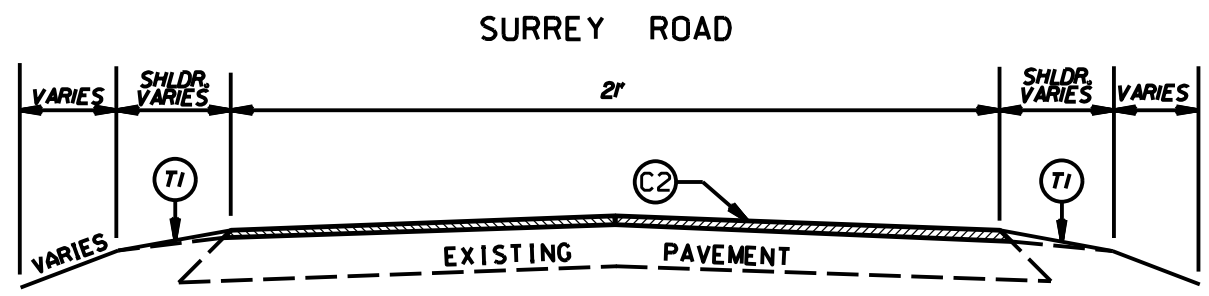
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



TYPICAL SECTION NO. 46

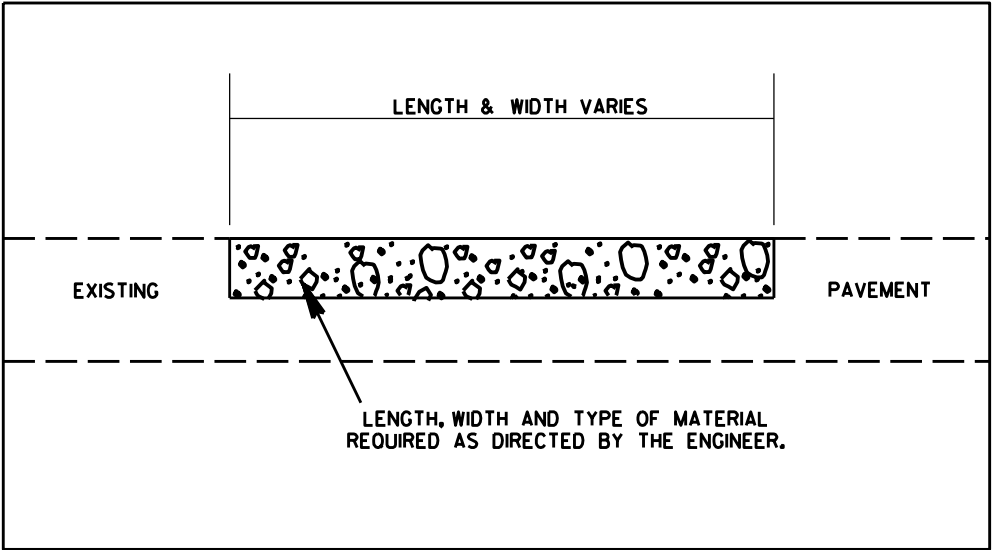


TYPICAL SECTION NO. 47



TYPICAL SECTION NO. 48

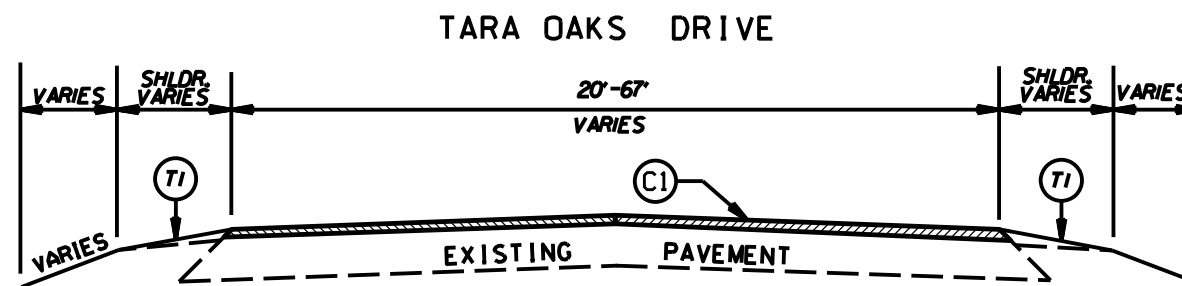
PATCHING DETAIL



2020 MECKLENBURG COUNTY  
RESURFACING

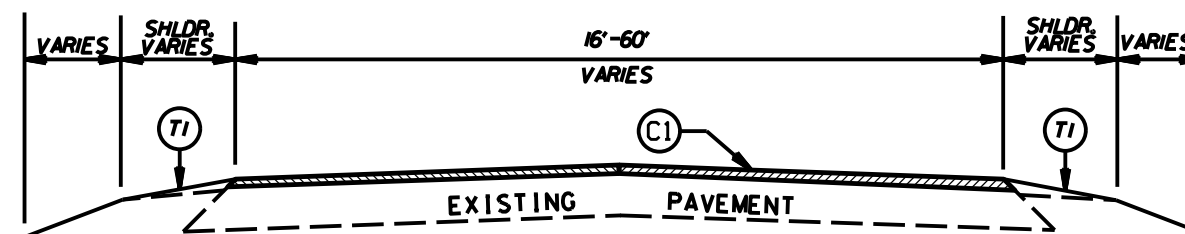
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



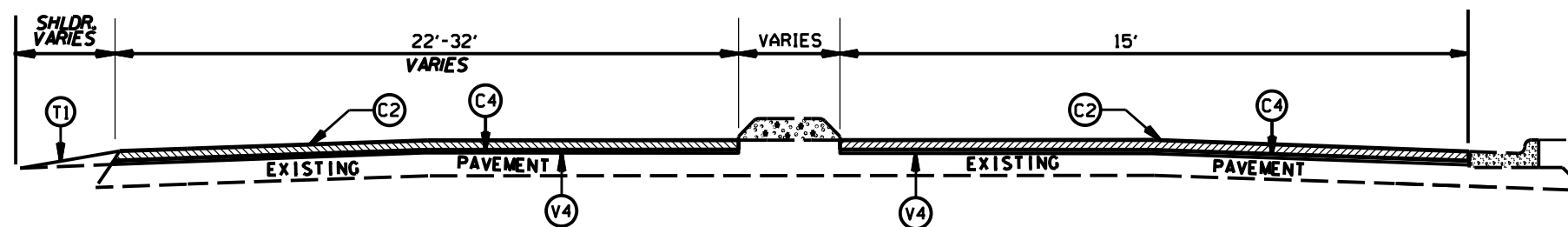
TYPICAL SECTION NO. 49

CLEAR MEADOWS LANE  
WOOD MEADOW DR



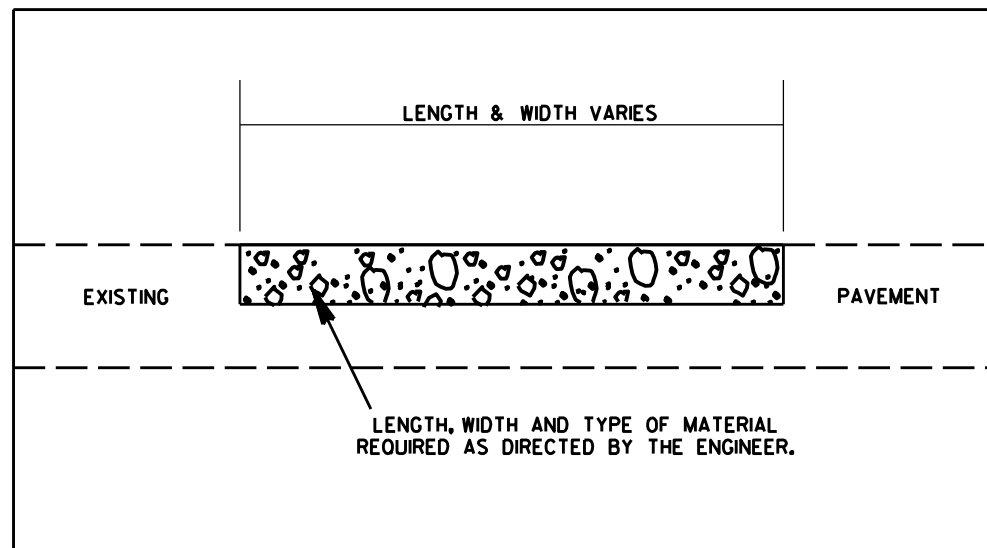
TYPICAL SECTION NO. 50

WILSON GROVE ROAD



TYPICAL SECTION NO. 51

PATCHING DETAIL



2020 MECKLENBURG COUNTY  
RESURFACING

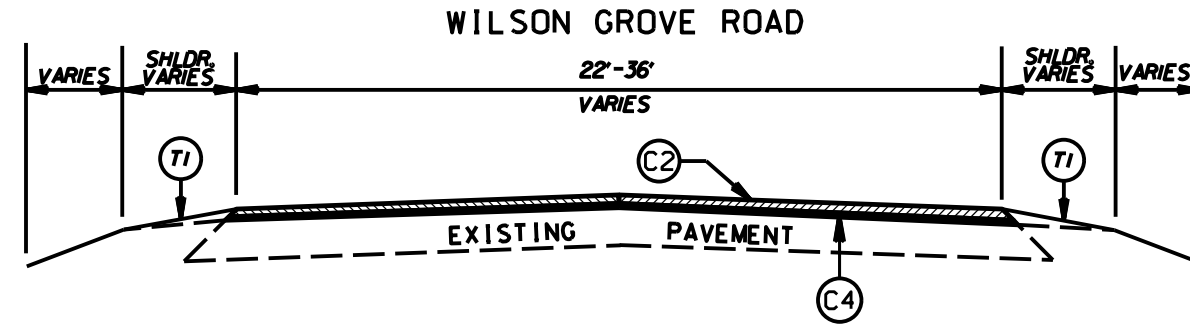
SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	



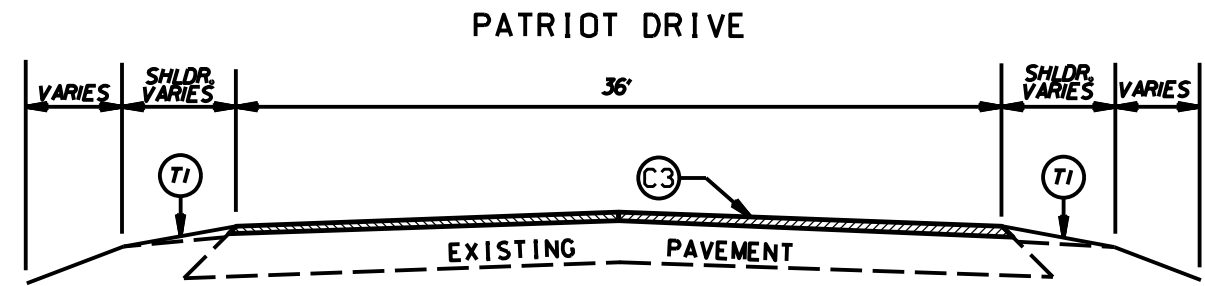
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		39	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

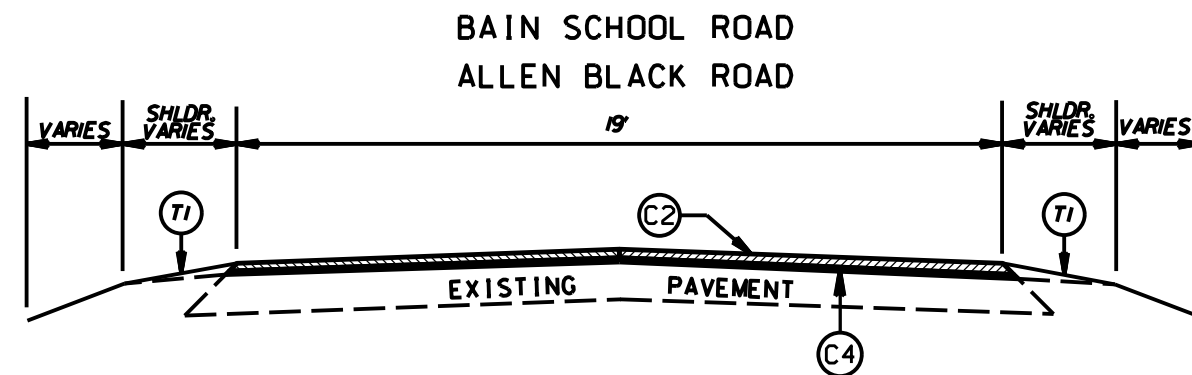
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



TYPICAL SECTION NO. 52

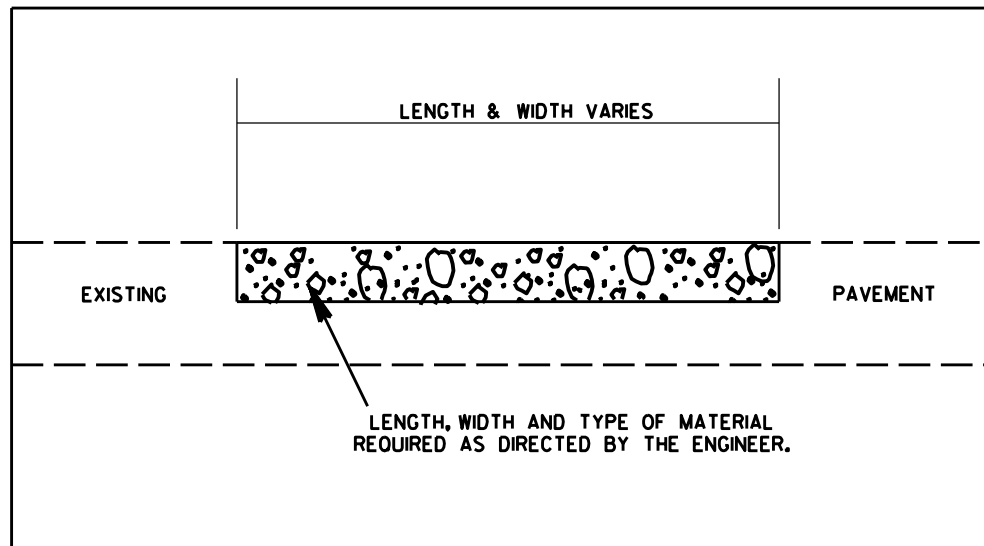



TYPICAL SECTION NO. 53



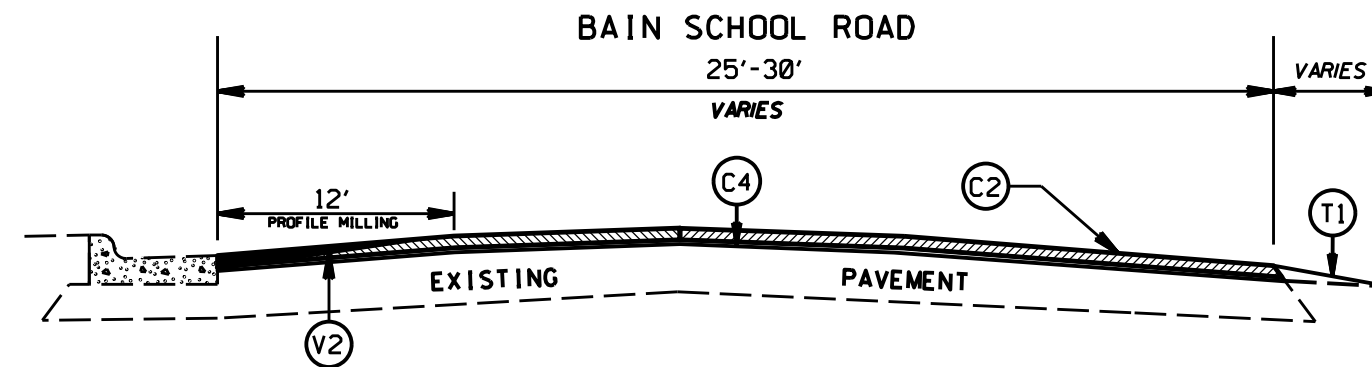
TYPICAL SECTION NO. 54

### PATCHING DETAIL

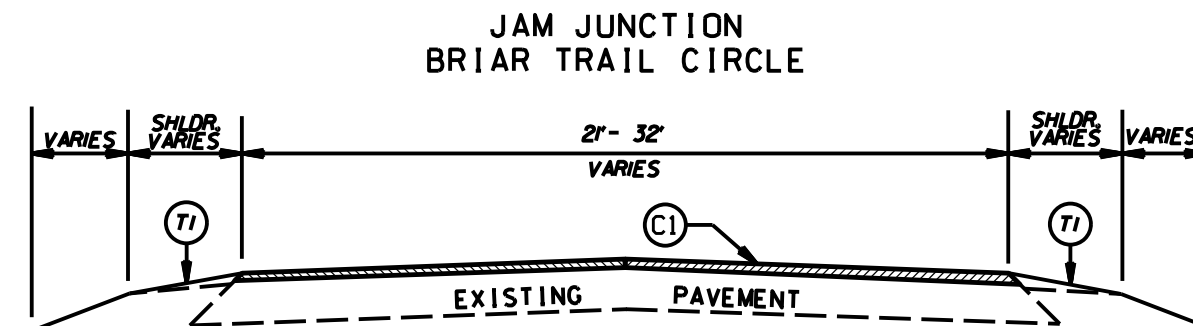


2020 MECKLENBURG COUNTY RESURFACING			
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

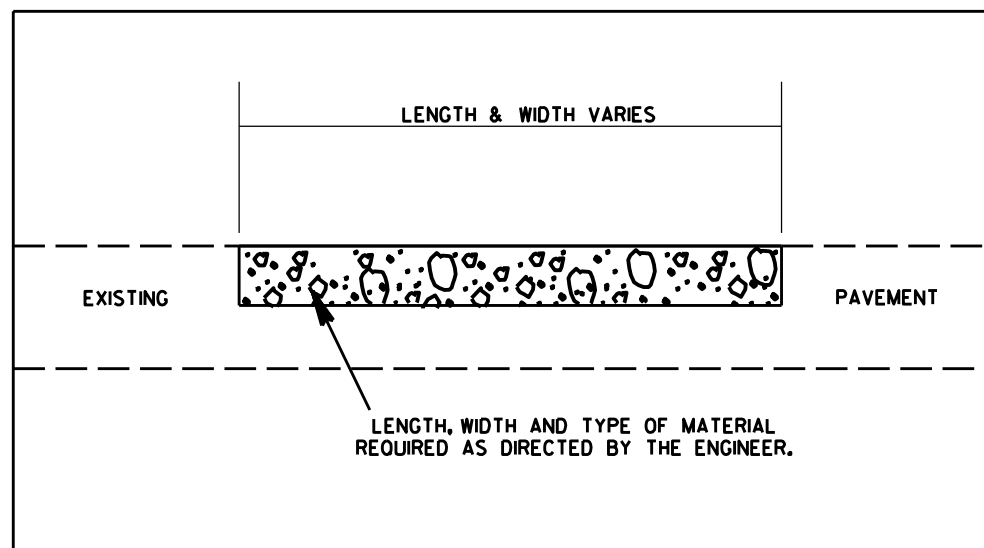


TYPICAL SECTION NO. 55

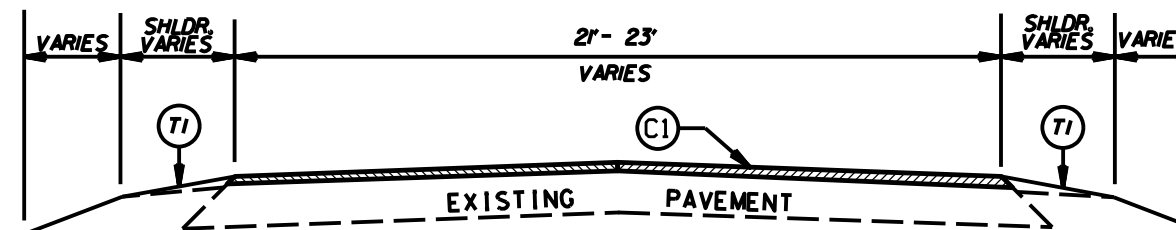


TYPICAL SECTION NO. 56

### PATCHING DETAIL



### ROCKING CHAIR ROAD BUTTER CHURN LANE QUILTING ROAD TATTING ROAD



TYPICAL SECTION NO. 57

2020 MECKLENBURG COUNTY  
RESURFACING

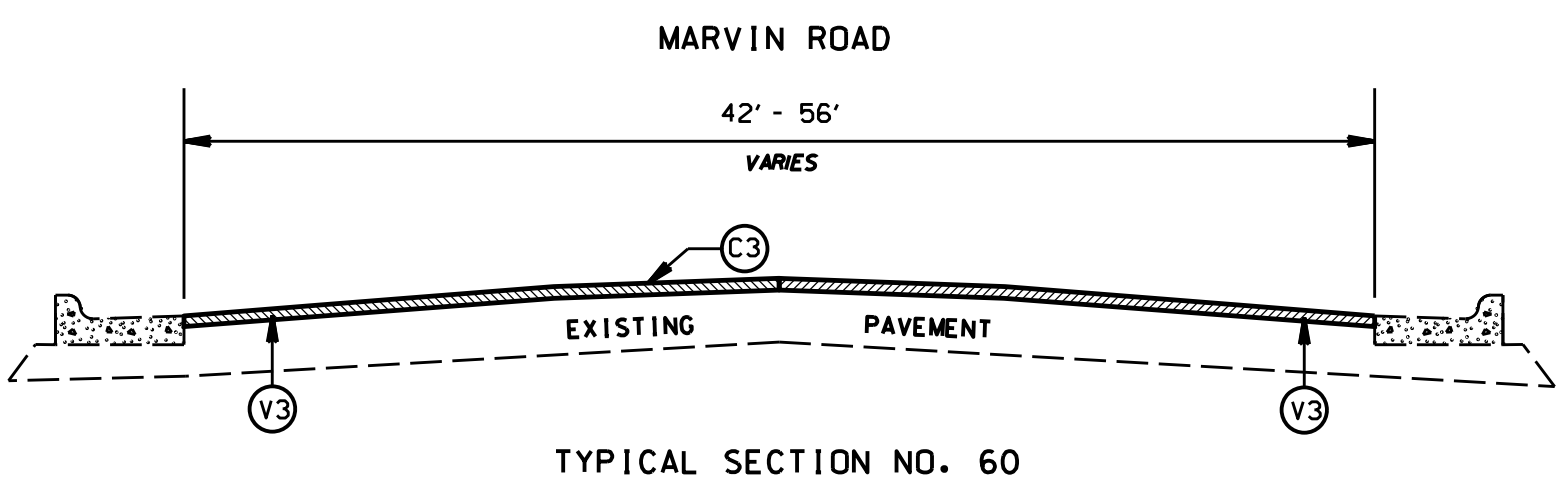
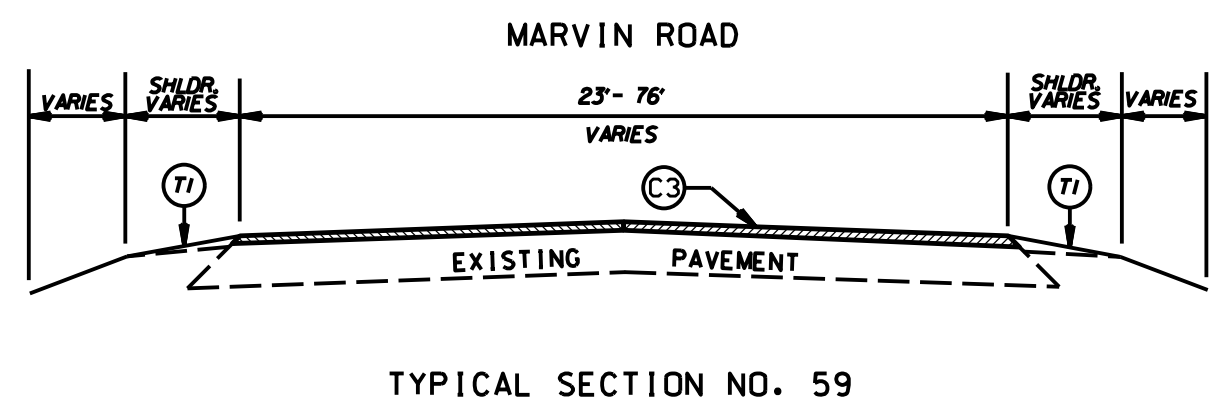
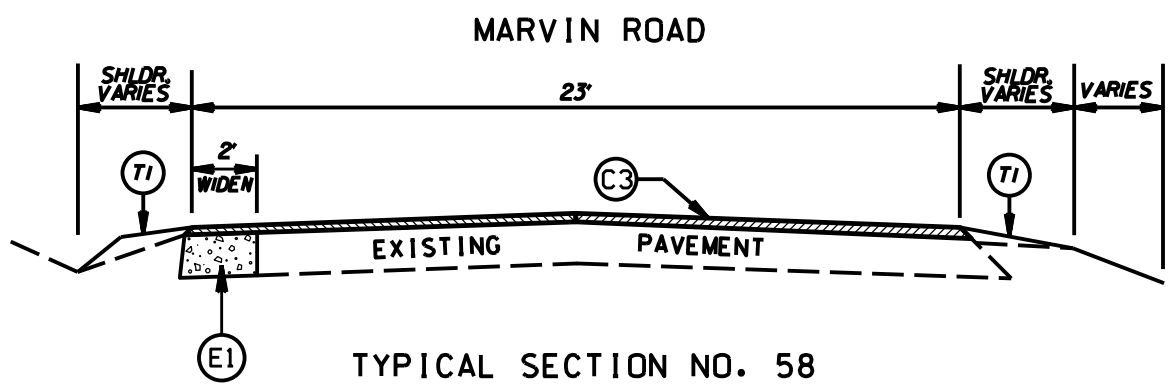
SCALE -NA-  
DATE 5/18  
DWG. BY JHE  
DESIGN BY JHE  
APPROVED



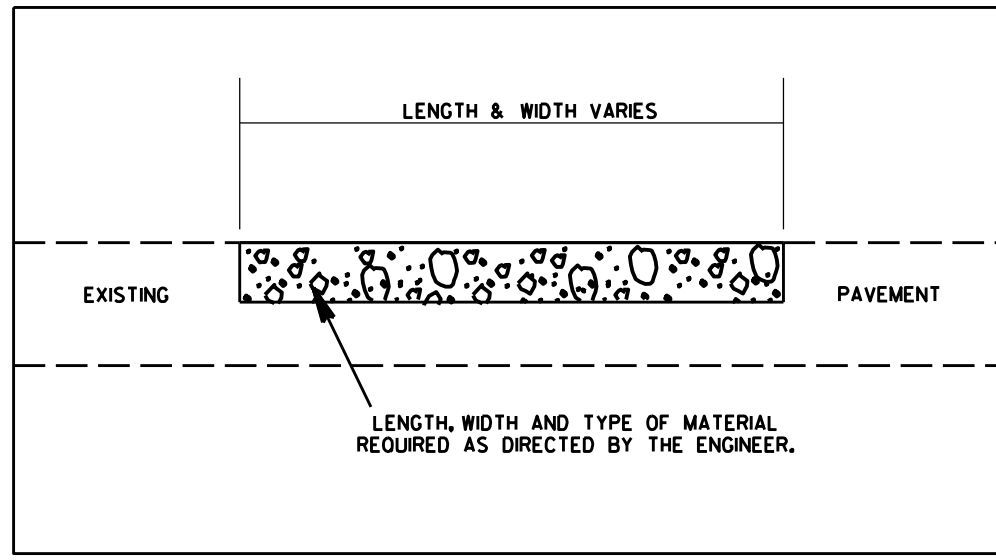
REVISIONS	




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. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 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.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



### PATCHING DETAIL

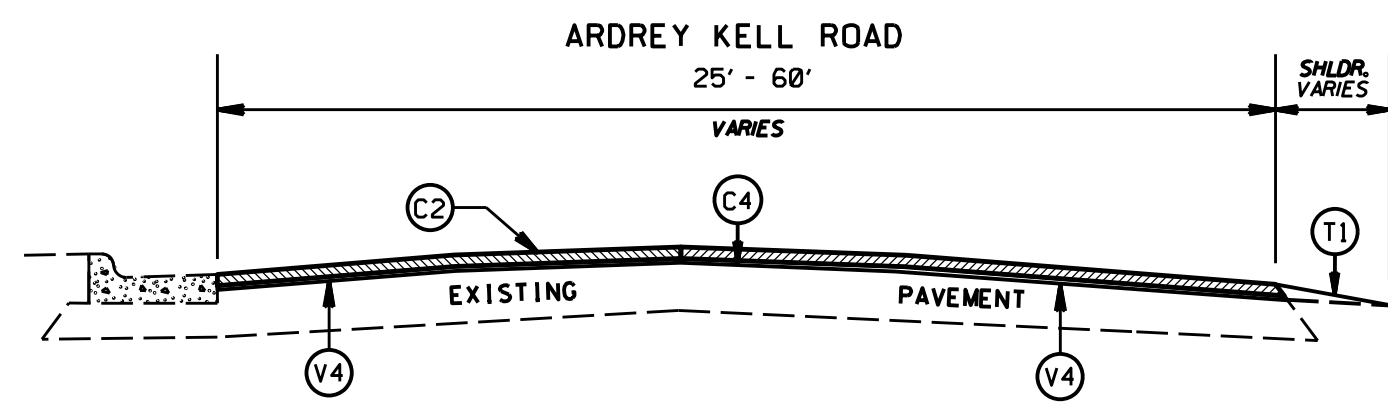


**2020 MECKLENBURG COUNTY  
RESURFACING**

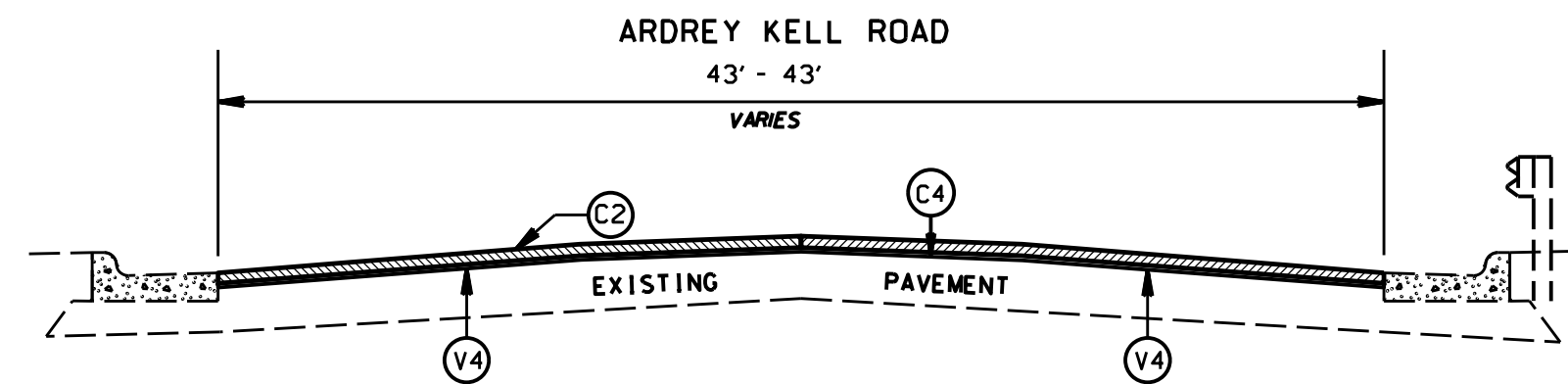
SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		42	
WBS NO.	2020CPT.10.01.10601 2020CPT.10.01.20601		

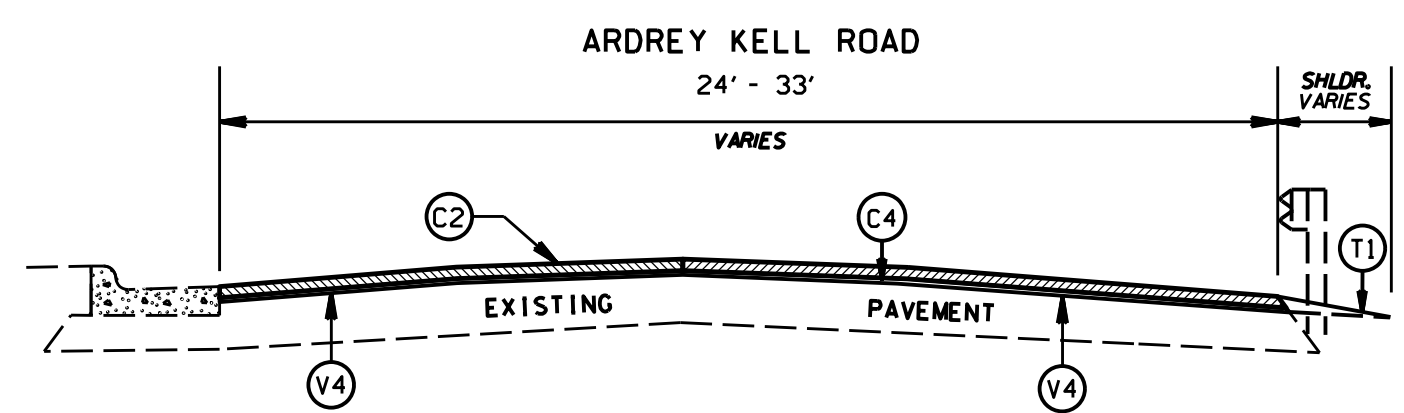
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH



TYPICAL SECTION NO. 61

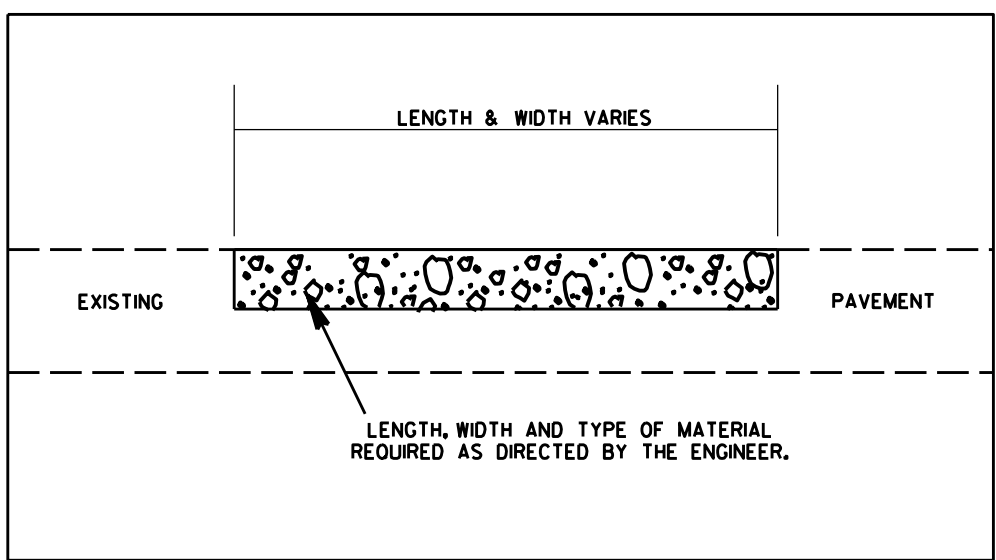


TYPICAL SECTION NO. 62



TYPICAL SECTION NO. 63

PATCHING DETAIL



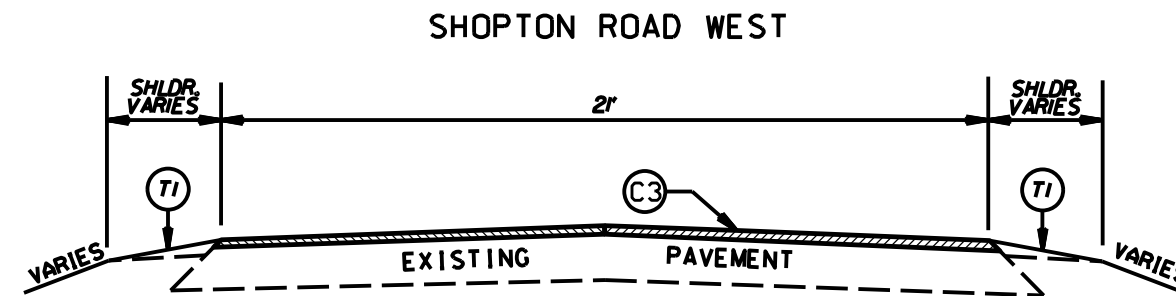
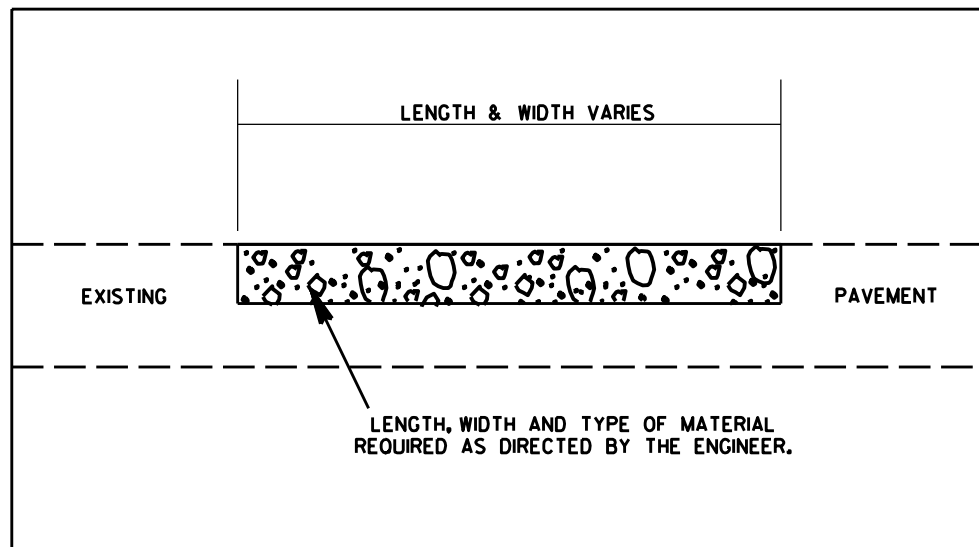
2020 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	5/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		43	
WBS NO. 2020CPT.10.01.10601 2020CPT.10.01.20601			

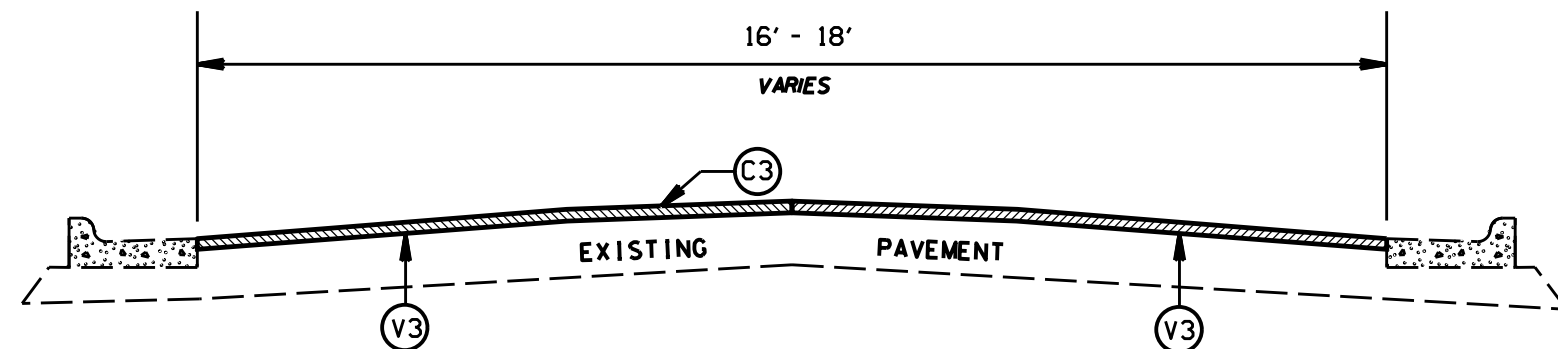
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
E1	PROP. APPROX. 5.5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH

### PATCHING DETAIL



TYPICAL SECTION NO. 64

### INDEPENDENCE BLVD RAMP AND LOOP RAMP AT EASTWAY DR AND WENDOVER RD



TYPICAL SECTION NO. 65

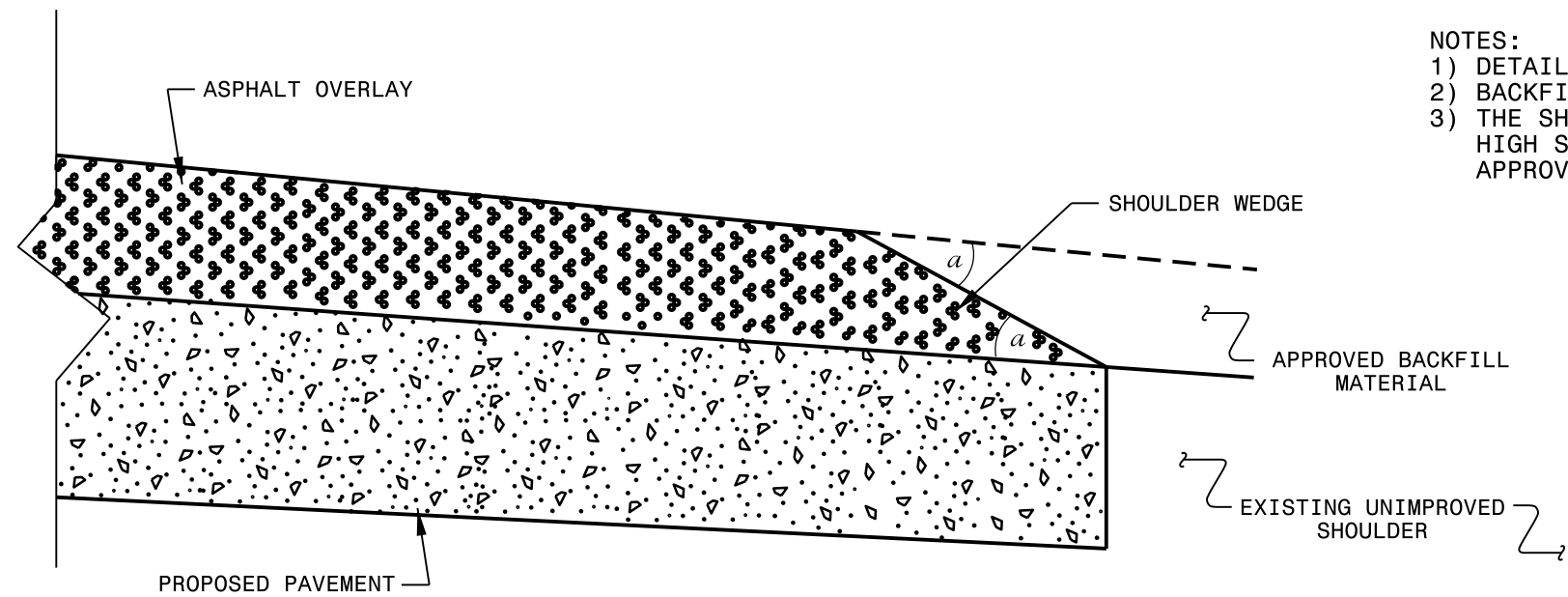
2020 MECKLENBURG COUNTY  
RESURFACING

SCALE	-NA-
DATE	5/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	

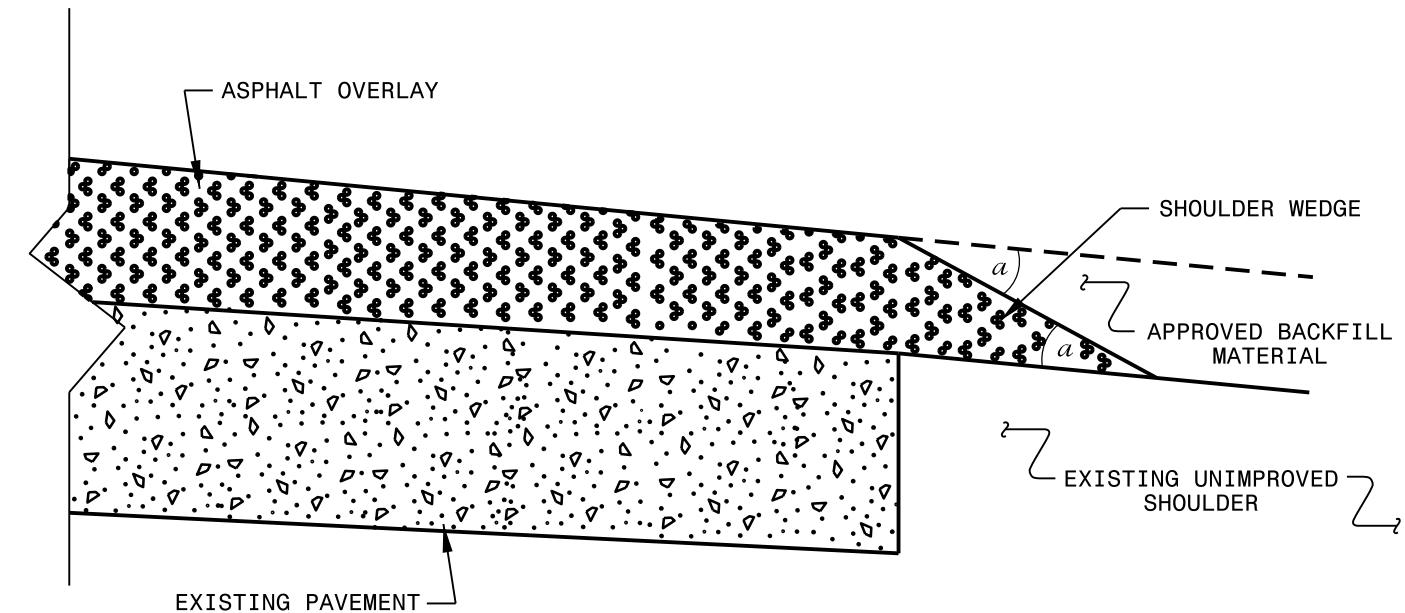


REVISIONS	

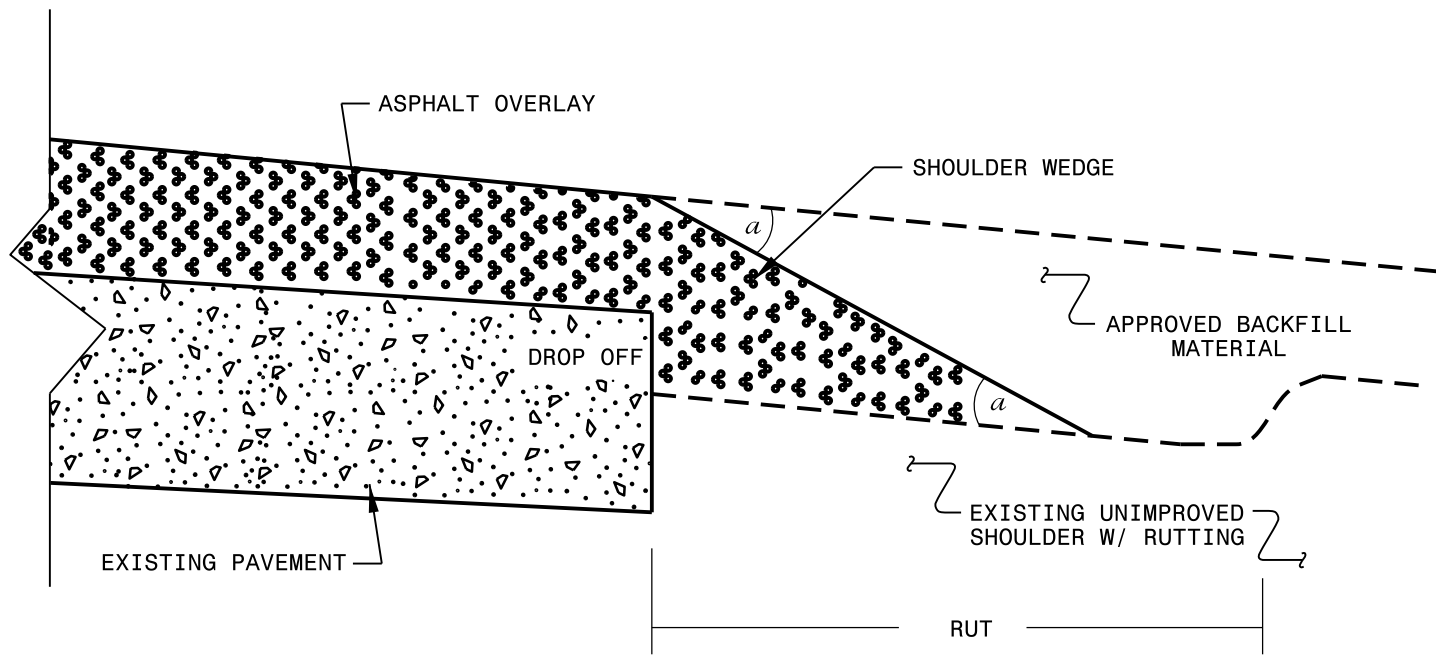
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAF C AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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



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



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

- SHOULDER WEDGE ANGLE = 30°

**CONTRACT STANDARDS  
 AND DEVELOPMENT UNIT**  
 Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE  
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11  
 MODIFIED BY: DATE: 2/2/16  
 CHECKED BY: DATE:  
 FILE SPEC.: s:usr/details/stand/shoulderwedgedetail.dgn

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

\$\$\$\$\$SYTIME\$\$\$\$\$  
 \$\$\$DONOR\$\$\$\$\$  
 \$\$\$CUSTNAME\$\$\$\$\$  
 \$\$\$\$\$\$\$\$

### SUMMARY OF QUANTITIES

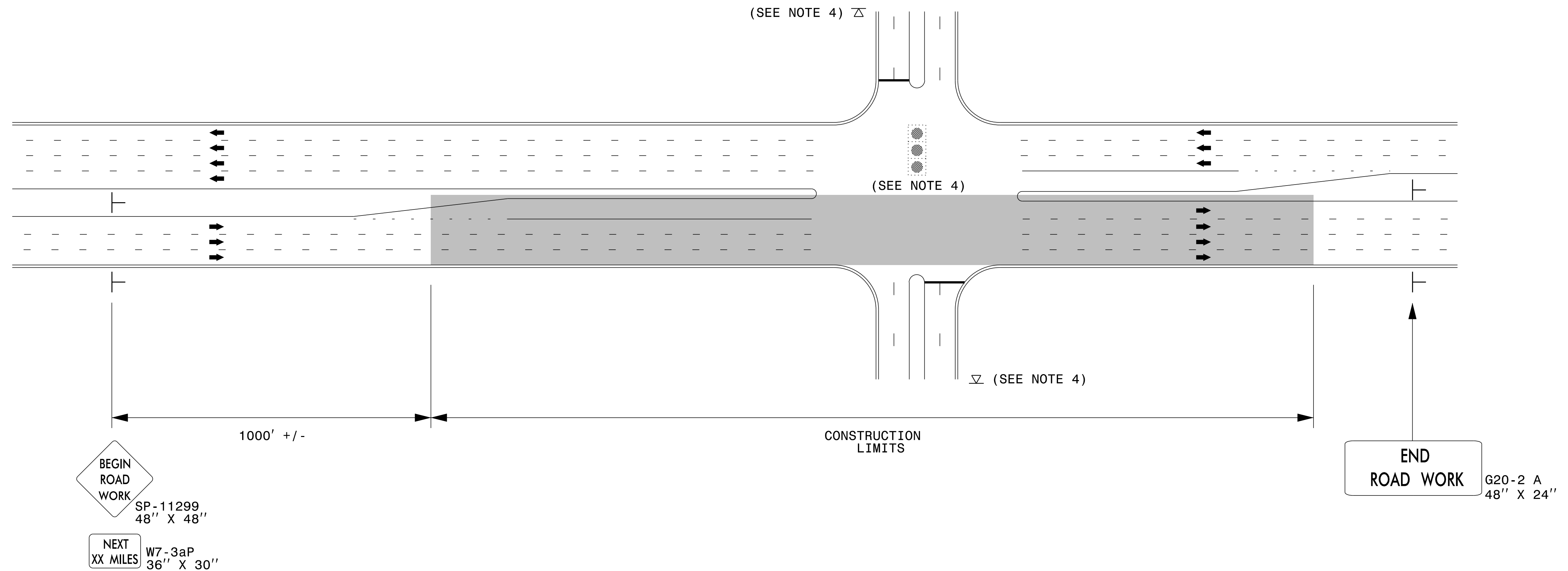
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0106000000-E	1220000000-E	1245000000-E	1264000000-E	1297000000-E	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	1775500000-E	1838000000-E	2830000000-N	2845000000-N	4589000000-N	5255000000-N	6000000000-E	6009000000-E	6012000000-E	6071010000-E	6071020000-E	6084000000-E		
												BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	DITCHING	2" MILLING	1 1/2" MILLING	0" TO 2" MILLING	0" TO 1.5" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.DC	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	LEVELING COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMPORARY TRAFFIC CONTROL	PORTABLE LIGHTING	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS B	SEDIMENT CONTROL STONE	WATTLE	POLYACRYLAMIDE (PAM)	SEED & MULCHING
MI	FT	CY	TONS	SMI	LF	SY	SY	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SY	GAL	EA	EA	LS	LS	LF	TN	TON	LF	LB	AC		
2020CPT.10.01.10601	Mecklenburg	1	US 21 STATESVILLE ROAD	FROM GILEAD RD TO PVMT JT @ RICH HATCHETT RD (MP 23.40 TO MP 25.33)	1,2	2		NO	NO	1.93	11-48	283	120	3.40	200	960			480				3,720	240	239	140	33,200	11,625	10	7			290	39	25	58	1	2.50	
<b>TOTAL FOR MAP NO. 1</b>										1.93		283	120	3.40	200	960			480				3,720	240	239	140	33,200	11,625	10	7			290	39	25	58	1	2.50	
2020CPT.10.01.10601	Mecklenburg	2	US 21 STATESVILLE ROAD	FROM PVMT JT N OF NC 73 TO PVMT JT N OF BAILEY RD (MP 26.1 TO MP 27.0)	1,3,4	2	2WU	NO	NO	0.9	21-48	132	80	1.80					460			2,227	2,089	110	132	88	18,720	6,530							135	18	9	27	1
<b>TOTAL FOR MAP NO. 2</b>										0.9		132	80	1.80					460			2,227	2,089	110	132	88	18,720	6,530							135	18	9	27	1
2020CPT.10.01.10601	Mecklenburg	3	US 29 N TRYON STREET NB	FROM I-485 BRIDGE TO PAVILION BLVD (MP 20.95 TO MP 21.25)	8,9,10	3	2WU	NO	NO	0.3	36-60					8,780						8,780	1,320	60	83	60	11,840	4,125	2	2					47	6	3	9	1
<b>TOTAL FOR MAP NO. 3</b>										0.3						8,780						8,780	1,320	60	83	60	11,840	4,125	2	2					47	6	3	9	1
2020CPT.10.01.10601	Mecklenburg	4	US 29 N TRYON STREET SB	FROM PAVILION BLVD TO I-485 BRIDGE (MP 1.51 TO MP 1.81)	8,11	4	2WU	NO	NO	0.3	36-50			0.30		10,100						1,193	45	75	45	10,640	3,730	2	1					47	6	3	9	1	
<b>TOTAL FOR MAP NO. 4</b>										0.3				0.30		10,100						1,193	45	75	45	10,640	3,730	2	1					47	6	3	9	1	
2020CPT.10.01.10601	Mecklenburg	5	NC 51 MAIN ST PINEVILLE	FROM BRIDGE TO S. POLK ST. (MP 1.11 TO MP 1.91)	12,13,14	2	MU	NO	NO	0.8	18-62					21,180						1,830	45	113	210					6	4								
<b>TOTAL FOR MAP NO. 5</b>										0.8						21,180						1,830	45	113	210					6	4								
2020CPT.10.01.10601	Mecklenburg	6	NC 115 OLD STATESVILLE RD	FROM DAMSON DR TO HUNTERSVILLE-CONCORD RD (MP 5.63 TO MP 7.46)	15,16,17,18	2	2WU	NO	NO	1.83	21-44	55	40	0.75		9,388			678			3,060	45	187	160			14	16					275	37	18	55	1	
<b>TOTAL FOR MAP NO. 6</b>										1.83		55	40	0.75		9,388			678			3,060	45	187	160			14	16					275	37	18	55	1	
<b>TOTAL FOR PROJ NO. 2020CPT.10.01.10601</b>										6.06		492	310	6.25	200	19,840	30,568	2,227	1,755	1,618			13,212	545	829	703	74,400	26,010	34	30	*	*	747	100	55	149	4	2.50	
2020CPT.10.01.20601	Mecklenburg	7	SR 2434 RICH HATCHETT ROAD	FROM NC 73 TO US 21 (MP 0.00 TO MP 0.63)	5,6,7	2	2WU	NO	NO	0.63	21-36	92	60	1.26	100			826		929		40	120		480	100	41	110			3	2			95	13	6	19	1
<b>TOTAL FOR MAP NO. 7</b>										0.63		92	60	1.26	100			826		929		40	120		480	100	41	110			3	2			95	13	6	19	1
2020CPT.10.01.20601	Mecklenburg	8	SR 2117 HAMBRIGHT ROAD	FROM MCCOY RD TO BEATTIES FORD RD (MP 3.69 TO MP 5.32)	19	2	2WU	NO	NO	1.63	18	239	120	3.26	150				210			1,680	140	110	120									245	33	16	49	1	
<b>TOTAL FOR MAP NO. 8</b>										1.63		239	120	3.26	150				210			1,680	140	110	120								245	33	16	49	1		
2020CPT.10.01.20601	Mecklenburg	9	SR 2120 MCCOY ROAD	FROM BEATTIES FORD RD TO HAMBRIGHT RD (MP 0.00 TO MP 2.32)	20,21	2	2WU	NO	NO	2.32	20	340	60	4.64	100				120			3,280	180	208	210	29,280	10,250							348	46	23	70	1	
<b>TOTAL FOR MAP NO. 9</b>										2.32		340	60	4.64	100				120			3,280	180	208	210	29,280	10,250						348	46	23	70	1		
2020CPT.10.01.20601	Mecklenburg	10	SR 2074 NECK ROAD	FROM BEATTIES FORD RD TO JOHNSON DAVIS RD (MP 6.16 TO MP 6.88)	22,23	2	2WU	NO	NO	0.72	21	106	80	1.44	100				90	583		810	160	85	120									108	14	7	22	1	
<b>TOTAL FOR MAP NO. 10</b>										0.72		106	80	1.44	100				90	583		810	160	85	120								108	14	7	22	1		
2020CPT.10.01.20601	Mecklenburg	11	SR 2132 STEPHENS ROAD	FROM BEATTIES FORD RD TO END MAINT (MP 0.00 TO MP 0.77)	24	2	2WU	NO	NO	0.77	20	113	30	1.54	50				20			1,294	150	87	100									116	15	8	23	1	
<b>TOTAL FOR MAP NO. 11</b>										0.77		113	30	1.54	50				20			1,294	150	87	100								116	15	8	23	1		
2020CPT.10.01.20601	Mecklenburg	12	SR 2200 HART RD	FROM ROZZELLES FERRY ROAD TO RIVERHAVEN DR (MP 0.00 TO MP 1.63)	25,26	2	2WU	NO	NO	1.63	18-24	239	40	3.26	100		1,534	110		1,914	30		135	110									245	33	16	49	1		
<b>TOTAL FOR MAP NO. 12</b>										1.63		239	40	3.26	100		1,534	110		1,914	30		135	110								245	33	16	49	1			
2020CPT.10.01.20601	Mecklenburg	13	SR 2008 PLEASANT GROVE ROAD	FROM NC 16 TO OAKDALE RD (MP 0.02 TO MP 1.92)	27,28	2	2WU	NO	NO	1.9	20-28	279	50	3.80	100		888	110				2,200	210	146	50	19,680	6,875						285	38	19	57	1		
<b>TOTAL FOR MAP NO. 13</b>										1.9		279	50	3.80	100		888	110				2,200	210	146	50	19,680	6,875					285	38	19	57	1			
2020CPT.10.01.20601	Mecklenburg	14	SR 2008 RADIO ROAD	FROM OAKDALE RD TO END MAINT (MP 1.92 TO MP 2.45)	29	2	2WU	NO	NO	0.53	18	78	20	1.06	60				40			740	160	55	100									80	11	5	16	1	
<b>TOTAL FOR MAP NO. 14</b>										0.53		78	20	1.06	60				40			740	160	55	100								80	11	5	16	1		
2020CPT.10.01.20601	Mecklenburg	15	SR 1641 LITTLE ROCK ROAD	FROM TUCKASEEGEE RD TO FLAT ROCK RD (MP 0.61 TO MP 1.36)	30,31,32,33,34	2	2WU	NO	NO	0.74	22-50	62		0.85					14,757			1,230	80	79	220							*	111	15	7	22	1		
<b>TOTAL FOR MAP NO. 15</b>										0.74		62		0.85					14,757			1,230	80	79	220							*	111	15	7	22	1		
2020CPT.10.01.20601	Mecklenburg	16	SR 2773 BOXMEER DRIVE	FROM STATESVILLE RD TO END MAINT (MP 0.00 TO MP 0.16)	35,36,37,38	2	2WU	NO	NO	0.16	23-84	7	15	0.10					3,260			185	55	15	45									24	3	2	5	1	
<b>TOTAL FOR MAP NO. 16</b>										0.16		7	15	0.10					3,260			185	55	15	45								24	3	2	5	1		
2020CPT.10.01.20601	Mecklenburg	17	SR 5383 UNIVERSITY CITY BLVD	FROM NEAL RD TO I-85 BRIDGE (MP 0.07 TO MP 0.76)	39,40,41	2	MD	NO	NO	0.69	24-36								13,528			1,060		64	50									*					
<b>TOTAL FOR MAP NO. 17</b>										0.69									13,528			1,060		64	50										*				
2020CPT.10.01.20601	Mecklenburg	18	SR 5383 UNIVERSITY CITY BLVD	FROM I-85 BRIDGE TO NEAL RD (MP 0.68 TO MP 1.37)	39,40,41	2	MD	NO	NO	0.69	24								13,804																				

**SUMMARY OF QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0106000000-E	1220000000-E	1245000000-E	1264000000-E	1297000000-E	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1524000000-E	1575000000-E	1704000000-E	1775000000-E	1838000000-E	2830000000-N	2845000000-N	4589000000-N	5255000000-N	6000000000-E	6009000000-E	6012000000-E	6071010000-E	6071020000-E	6084000000-E					
												BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	DITCHING	2" MILLING	1 1/2" MILLING	0" TO 2" MILLING	0" TO 1.5" MILLING	INCIDENTAL MILLING	BASE COURSE, 825.0C	SURFACE COURSE, 59.5B	LEVELING COURSE, 59.5B	SURFACE COURSE, 59.5C	LEVELING COURSE, 59.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMPORARY TRAFFIC CONTROL	PORTABLE LIGHTING	TEMPORARY SILT FENCE	STONE FOR EROSION CONTROL, CLASS B	SEDIMENT CONTROL STONE	WATTLE	POLYACRYLAMIDE (PAM)	SEED & MULCHING			
MI	FT	CY	TONS	SMI	LF	SY	SY	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	LS	LS	LF	TN	TON	LF	LB	AC						
2020CPT.10.01.20601	Mecklenburg	25	SR 4281 SURRY ROAD	FROM IRA FLOWE RD TO END MAINT (MP 0.00 TO MP 0.69)	48	2	2WU	NO	NO	0.69	21	101	25	1.38	100			35				1,310	140	88	100																	
TOTAL FOR MAP NO. 25										0.69		101	25	1.38	100			35				1,310	140	88	100																	
2020CPT.10.01.20601	Mecklenburg	26	SR 5209 TARA OAK DRIVE	FROM INDIAN TRAIL RD TO END MAINT (MP 0.00 TO MP 0.51)	49	2	2WU	NO	NO	0.51	20-67	75		1.02				15				634	25			44	25															
TOTAL FOR MAP NO. 26										0.51		75		1.02				15				634	25			44	25															
2020CPT.10.01.20601	Mecklenburg	27	SR 4215 CLEAR MEADOWS LANE	FROM BRIEF RD TO WOOD MEADOW DR (MP 0.00 TO MP 0.38)	50	2	2WU	NO	NO	0.38	16-60	56		0.76				5				489	45			36	25															
TOTAL FOR MAP NO. 27										0.38		56		0.76				5				489	45			36	25															
2020CPT.10.01.20601	Mecklenburg	28	SR 5234 WOOD MEADOW DRIVE	FROM CLEAR MEADOWS LN TO END MAINT (MP 0.00 TO MP 0.06)	50	2	2WU	NO	NO	0.06	18	9		0.12				6				100	20			8	20															
TOTAL FOR MAP NO. 28										0.06		9		0.12				6				100	20			8	20															
2020CPT.10.01.20601	Mecklenburg	29	SR 3135 WILSON GROVE RD	FROM WILGROVE MINT HILL RD TO LAWYERS RD (MP 0.00 TO MP 1.70)	51,52	2	2WU	NO	NO	1.7	15-36	249	45	3.40	200	2,500						2,920	100	182	100	26,080	9,125	1	1								*					
TOTAL FOR MAP NO. 29										1.7		249	45	3.40	200	2,500						2,920	100	182	100	26,080	9,125	1	1								*					
2020CPT.10.01.20601	Mecklenburg	30	SR 3254 PATRIOT DRIVE	FROM WILSON GROVE RD TO END MAINT (MP 0.00 TO MP 0.27)	53	2	2WU	NO	NO	0.27	36	40	25	0.54	100							538	100	39	100																	
TOTAL FOR MAP NO. 30										0.27		40	25	0.54	100							538	100	39	100																	
2020CPT.10.01.20601	Mecklenburg	31	SR 1004 BAIN SCHOOL ROAD	FROM PVMIT JT TO LAWYERS RD (MP 0.45 TO MP 1.69)	54,55	2	2WU	NO	NO	1.24	19	141	15	1.93	100		2,038					1,885	110	120	80	16,880	5,892	2	1													
TOTAL FOR MAP NO. 31										1.24		141	15	1.93	100	2,038						1,885	110	120	80	16,880	5,892	2	1													
2020CPT.10.01.20601	Mecklenburg	32	SR 3124 ALLEN BLACK RD	FROM UNION CO TO END MAINT (MP 0.00 TO MP 0.90)	54	2	2WU	NO	NO	0.9	19	132	10	1.80	75							1,413	100	91	60	12,640	4,417															
TOTAL FOR MAP NO. 32										0.9		132	10	1.80	75							1,413	100	91	60	12,640	4,417															
2020CPT.10.01.20601	Mecklenburg	33	SR 5207 JAM JUNCTION	FROM UNION CO TO BRIAR TRAIL CIRCLE (MP 0.00 TO MP 0.02)	56	2	2WU	NO	NO	0.02	21-32	3		0.04								50				5																
TOTAL FOR MAP NO. 33										0.02		3		0.04								50				5																
2020CPT.10.01.20601	Mecklenburg	34	SR 5208 BRIAR TRAIL CIRCLE	FROM JAM JUNCTION TO JAM JUNCTION (MP 0.00 TO MP 0.41)	56	2	2WU	NO	NO	0.41	21-32	60		0.82								440	30			35	20															
TOTAL FOR MAP NO. 34										0.41		60		0.82								440	30			35	20															
2020CPT.10.01.20601	Mecklenburg	35	SR 4344 ROCKING CHAIR ROAD	FROM TILLEY MORRIS RD TO QUITTING RD (MP 0.00 TO MP 0.32)	57	2	2WU	NO	NO	0.32	21-23	47		0.64								380	10			30	10															
TOTAL FOR MAP NO. 35										0.32		47		0.64								380	10			30	10															
2020CPT.10.01.20601	Mecklenburg	36	SR 4357 BUTTER CHURN LANE	ROCKING CHAIR RD TO TATTING (MP 0.00 TO MP 0.37)	57	2	2WU	NO	NO	0.37	21-23	54		0.74								430	10			30	10															
TOTAL FOR MAP NO. 36										0.37		54		0.74								430	10			30	10															
2020CPT.10.01.20601	Mecklenburg	37	SR 4358 QUITTING ROAD	FROM BUTTER CHURN ROAD TO END MAINT (MP 0.00 TO MP 0.17)	57	2	2WU	NO	NO	0.17	21-23	25		0.34								220	5			20	5															
TOTAL FOR MAP NO. 37										0.17		25		0.34								220	5			20	5															
2020CPT.10.01.20601	Mecklenburg	38	SR 4382 TATTING ROAD	FROM BUTTER CHURN ROAD TO END MAINT	57	2	2WU	NO	NO	0.07	21-23	10		0.14								91	10			25	10															
TOTAL FOR MAP NO. 38										0.07		10		0.14								91	10			25	10															
2020CPT.10.01.20601	Mecklenburg	39	SR 3635 MARVIN ROAD	FROM UNION CO TO OLD AUDREY KELL ROAD (MP 0.00 TO MP 1.35)	58,59,60	2	2WU	NO	NO	1.35	23-76	198	45	2.70	200	2,510		45	350			1,790	110	130	100			3	2													
TOTAL FOR MAP NO. 39										1.35		198	45	2.70	200	2,510		45	350			1,790	110	130	100			3	2													
2020CPT.10.01.20601	Mecklenburg	40	SR 3632 ARDREY KELL ROAD	MARVIN RD TO COMMUNITY HOUSE RD (MP 0.00 TO MP 1.05)	61,62,63	2	2WU	NO	NO	1.05	24-60	104	35	1.41		26,863		70				1,693	100	108	100	15,120	5,292	1	1													
TOTAL FOR MAP NO. 40										1.05		104	35	1.41		26,863		70				1,693	100	108	100	15,120	5,292	1	1													
2020CPT.10.01.20601	Mecklenburg	41	SR 3632 ARDREY KELL ROAD	FROM COMMUNITY HOUSE ROAD TO REA RD (MP 1.05 TO MP 1.98)	61,63	2	2WU	NO	NO	0.93	24-60	63	35	0.88		21,955		58				2,955	120	185	110	26,400	9,233	2	1													
TOTAL FOR MAP NO. 41										0.93		63	35	0.88		21,955		58				2,955	120	185	110	26,400	9,233	2	1													
2020CPT.10.01.20601	Mecklenburg	42	SR 1116 SHOPTON ROAD WEST	FROM WOODY POINT RD TO SLEDGE RD (MP 3.32 TO MP 3.83)	64	2	2WU	NO	NO	0.51	21	75	25	1.02	100							570	40			37	40															
TOTAL FOR MAP NO. 42										0.51		75	25	1.02	100							570	40			37	40															
2020CPT.10.01.20601	Mecklenburg	43	SR 4507 EB OFF RAMP	FROM INDEPENDENCE BLVD TO WENDOVER RD (MP 0.00 TO MP 0.178)	65	1	2WU	NO	NO	0.17	16-18											1,910																				



## URBAN / SUBURBAN WORKZONES

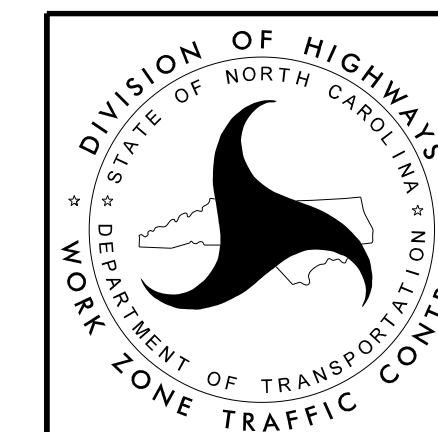


### NOTES:

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

### LEGEND

- ┆ STATIONARY SIGN
- ➔ DIRECTION OF TRAFFIC FLOW



**RESURFACING ADVANCE  
WARNING SIGNS FOR  
URBAN / SUBURBAN  
FACILITIES**

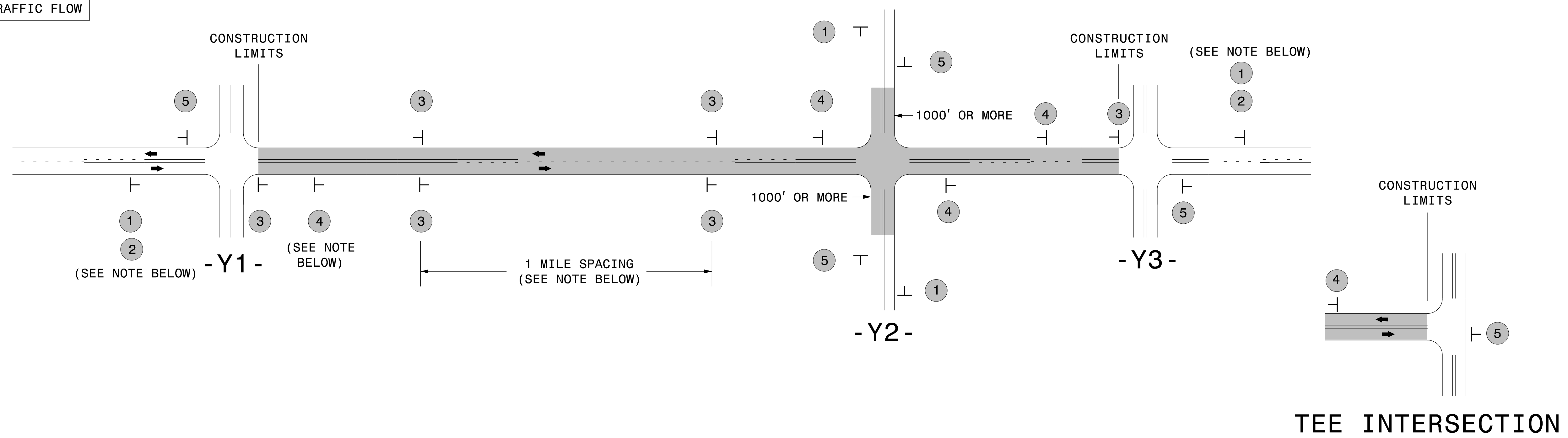


# SIGNING FOR RESURFACING PROJECTS

**LEGEND**

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:  1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS  WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.  <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	 W7-3aP 24" X 18"	#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	 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.

### 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.

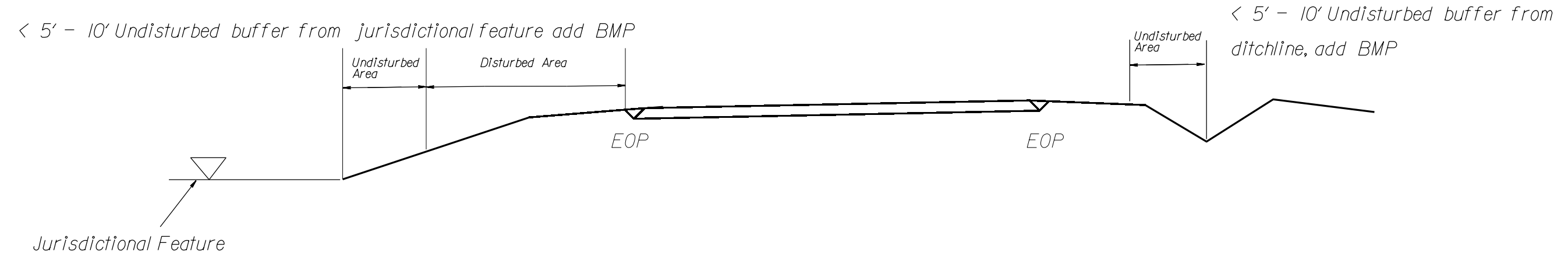
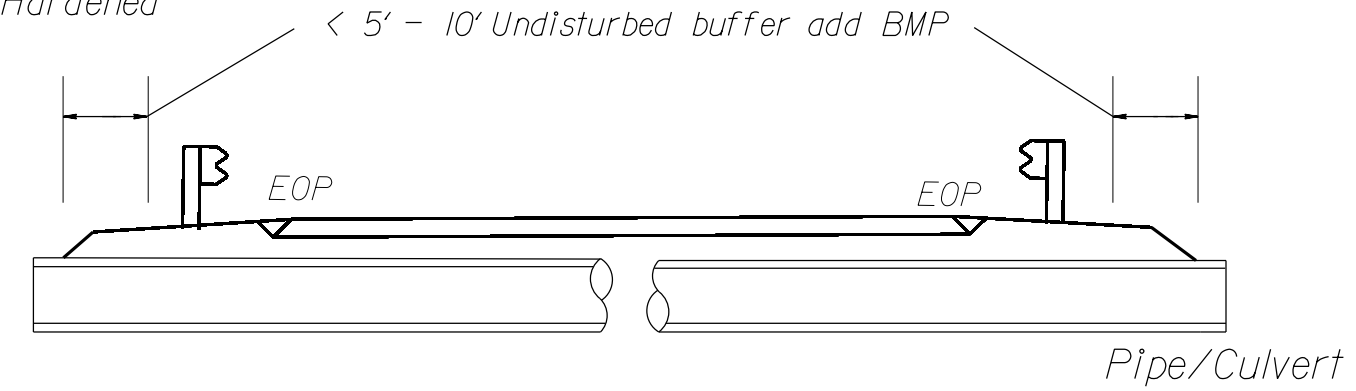


ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

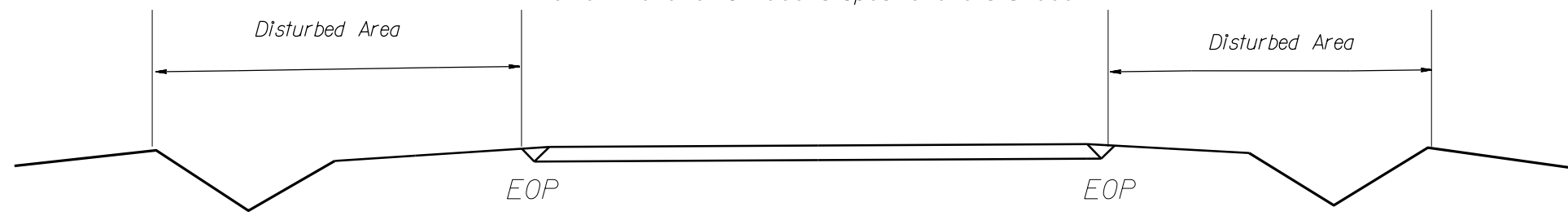
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

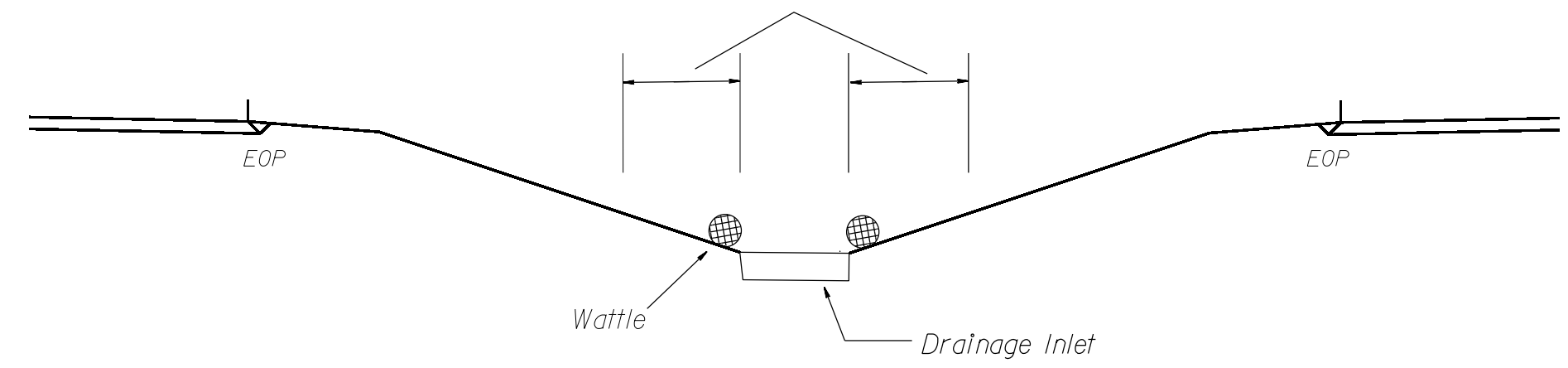
# EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

# WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

**NOTES:**

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

