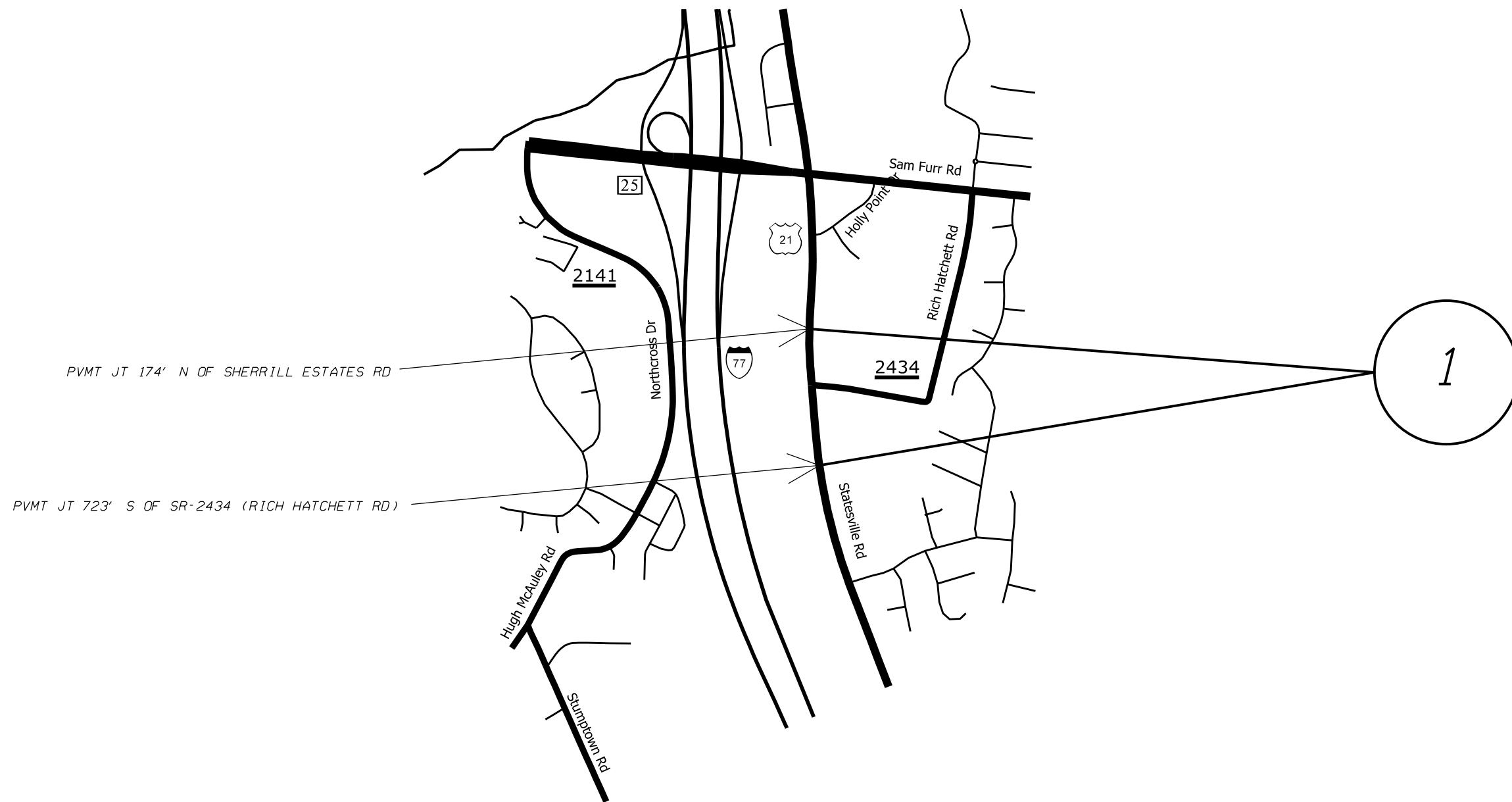


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**This file or an individual page
shall not be considered a certified document.**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		I	
WBS NO.	10CR.10601.103, ETC.		



PVMT JT 174' N OF SHERRILL ESTATES RD

PVMT JT 723' S OF SR-2434 (RICH HATCHETT RD)


MAP

1 US 21 (STATESVILLE RD)

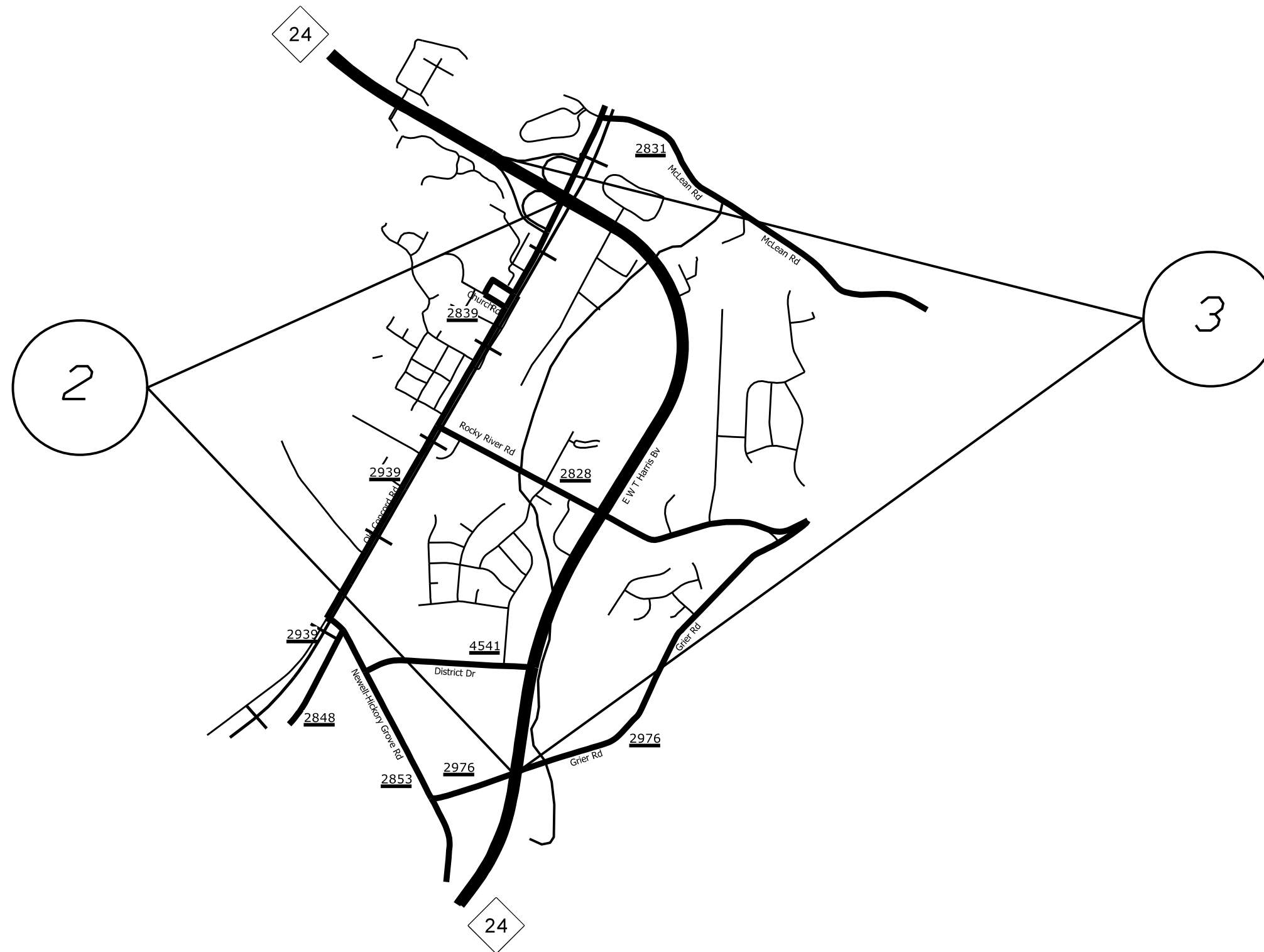
DESCRIPTION

FROM PVMT JT N OF SHERRILL ESTATES RD TO
PVMT JT S OF SR-2434 (RICH HATCHETT RD)



2015/2016 MECKLENBURG COUNTY RESURFACING		
SCALE	-1A-	
DATE	2/15	
DWG. BY	WAT	
DESIGN BY	WAT	
APPROVED	BDC	
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	
WBS NO.	10CR.10601.103, ETC.		



MAP

DESCRIPTION

2 NC 24 (E WT HARRIS BLVD (EB))

FROM SR-2976 (GRIER RD) TO PVMT JT AT
SR-2939 (OLD CONCORD RD)

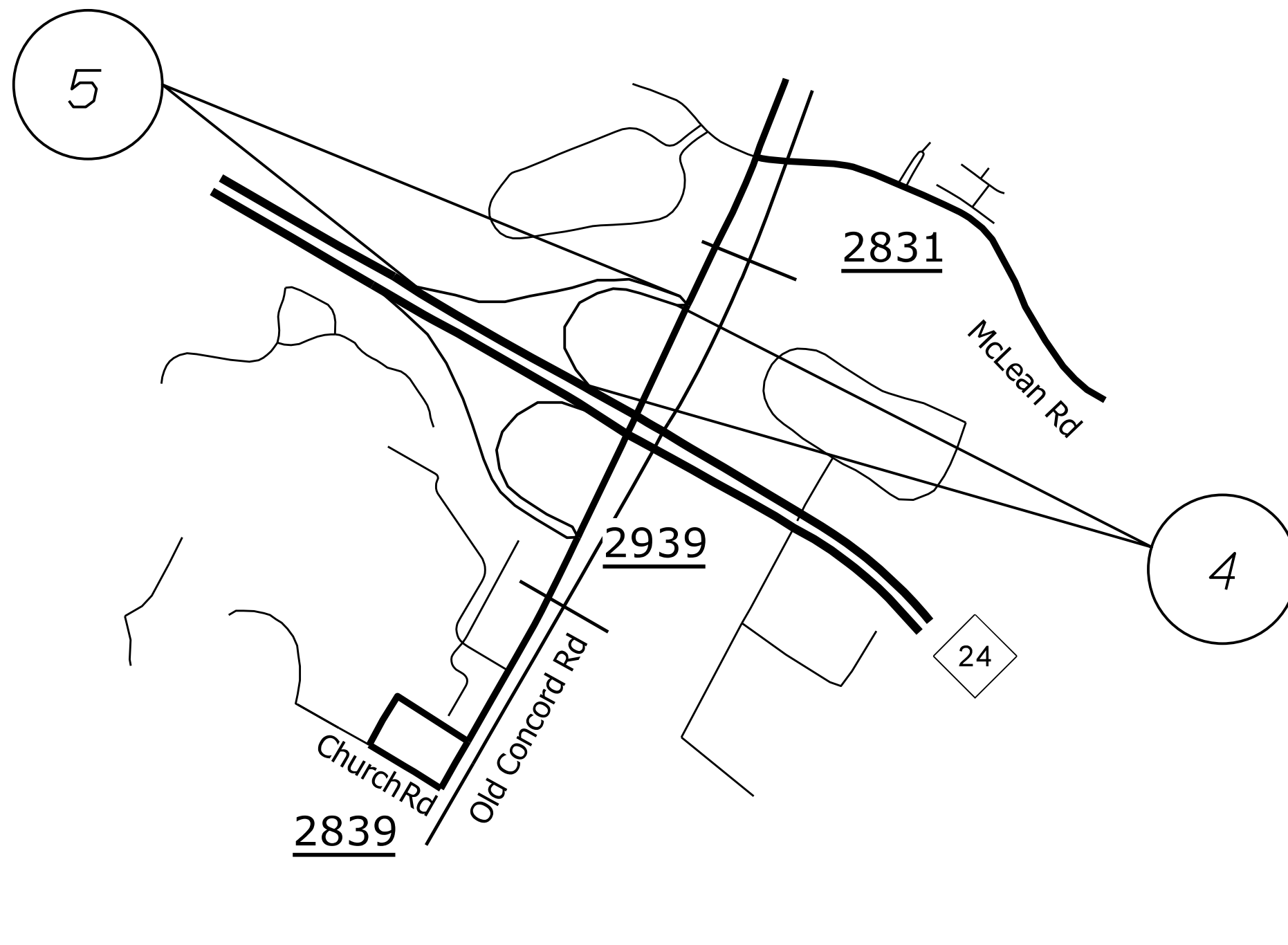
3 NC 24 (E WT HARRIS BLVD (WB))

FROM SR-2976 (GRIER RD) TO ON-RAMP FROM
SR-2939 (OLD CONCORD RD)

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		3	
WBS NO.	10CR.10601.103, ETC.		



MAP

4 NC 24 WB OFF-RAMP LOOP

5 NC 24 WB ON-RAMP

DESCRIPTION

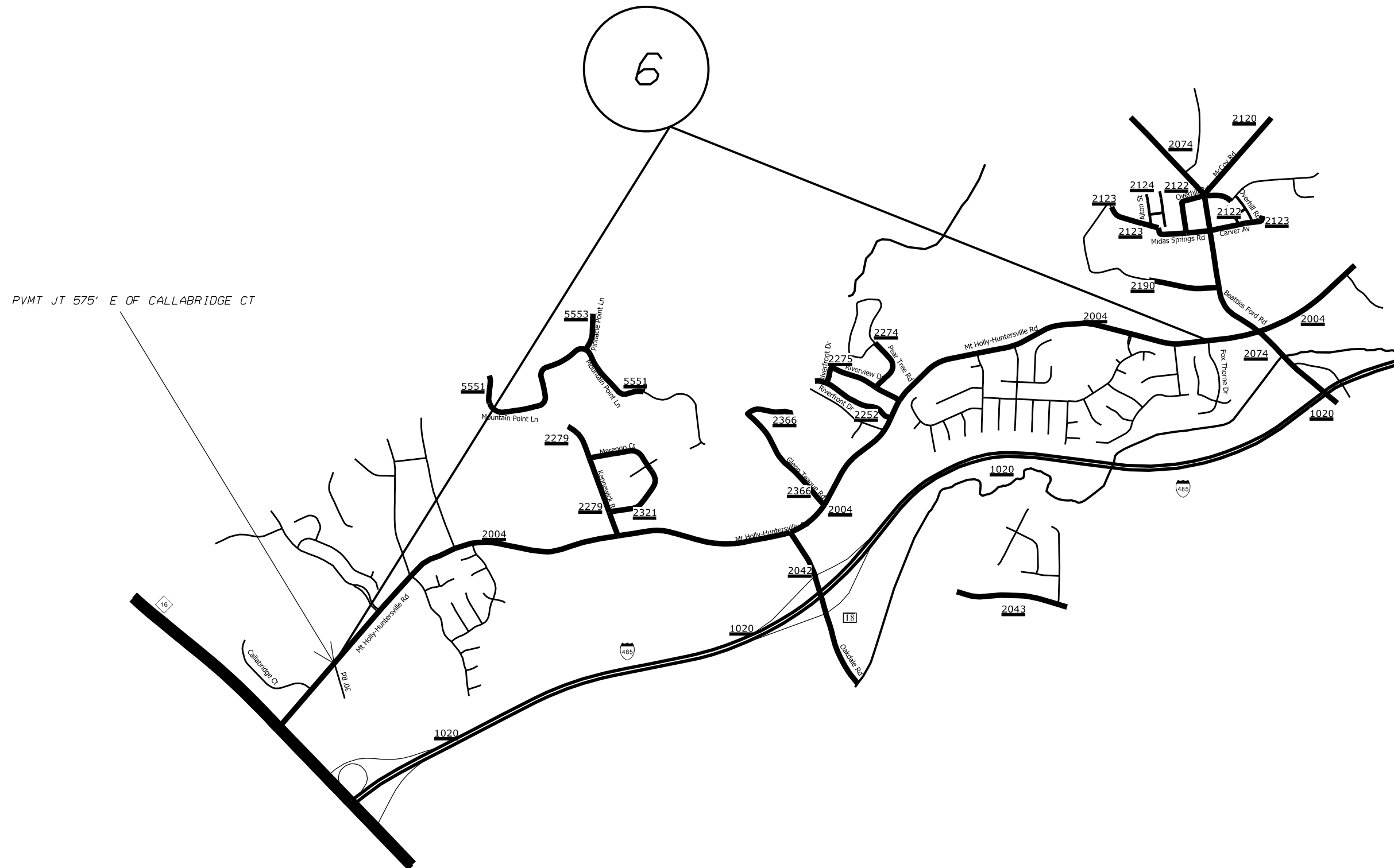
FROM NC 24 (E W.T. HARRIS BLVD) TO
SR-2939 (OLD CONCORD RD)

FROM SR-2939 (OLD CONCORD RD) TO NC 24
(E W.T. HARRIS BLVD)

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/15			
DWG. BY	WAT			
DESIGN BY	WAT			
APPROVED	BDC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	
WBS NO.		10CR.10601.103, ETC.	



6

PVMT JT 575' E OF CALLABRIDGE CT

MAP

DESCRIPTION

6 SR-2004 (MT HOLLY-HUNTERSVILLE RD)

FROM FOX THORNE DR TO PVMT JT E OF CALLABRIDGE CT

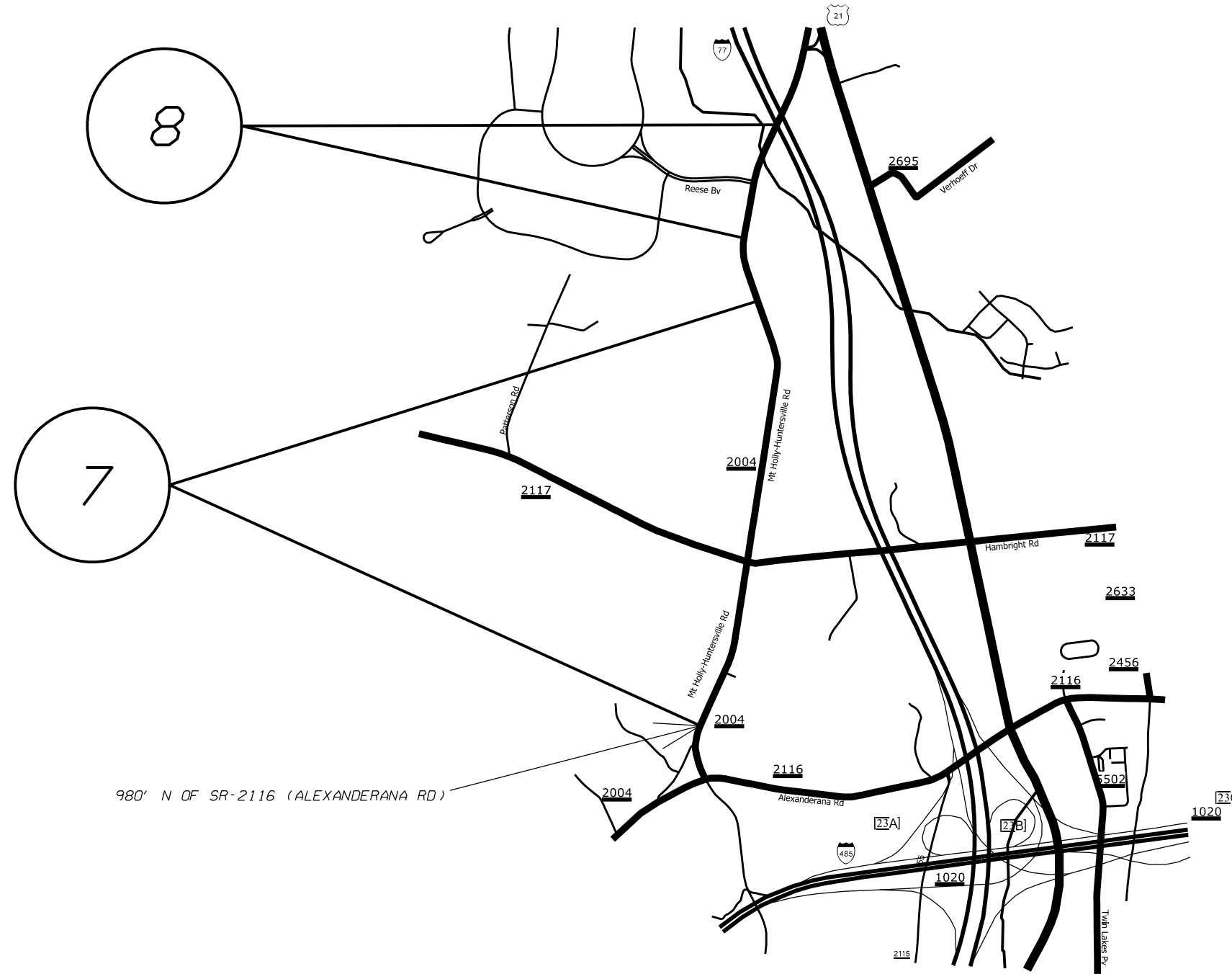
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	2/15
DWG. BY	WAT
DESIGN BY	WAT
APPROVED	BDC



REVISIONS	


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	
WBS NO.	10CR.10601.103, ETC.		



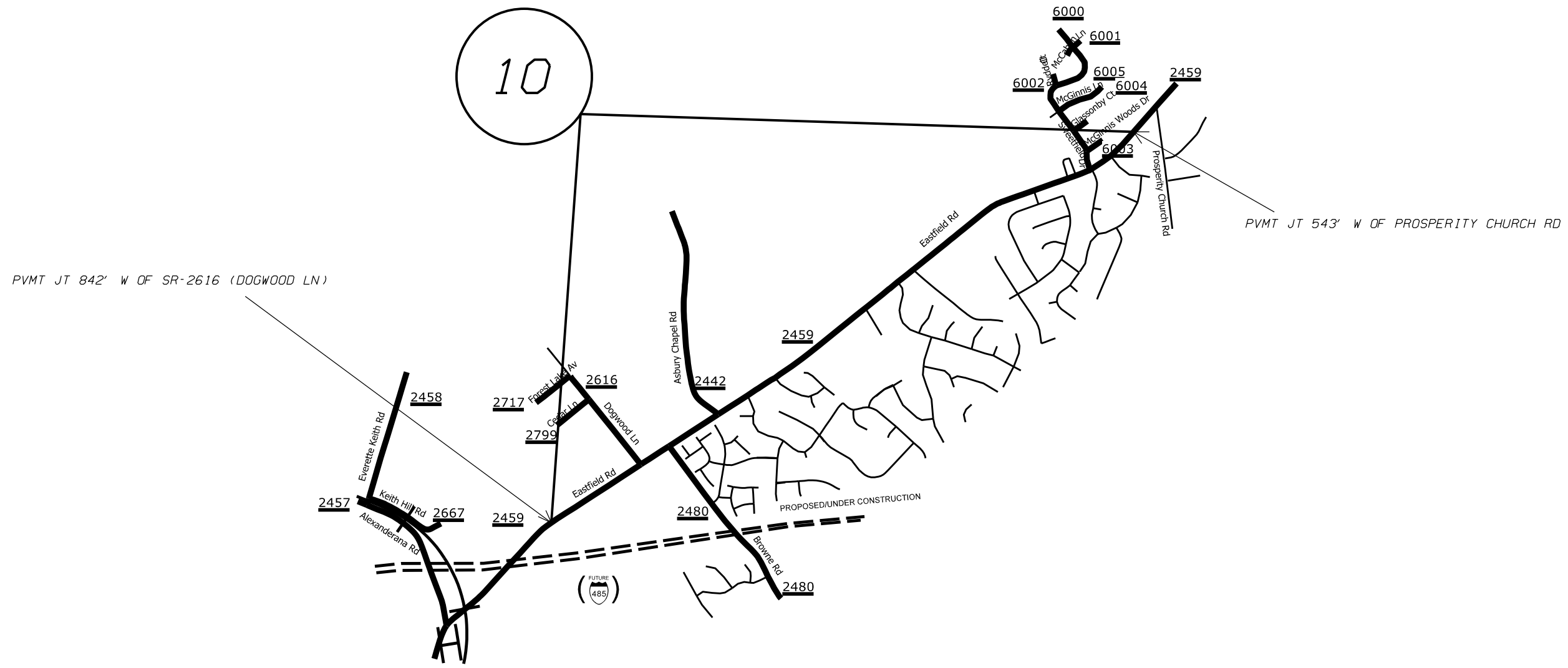
MAP

DESCRIPTION

- #7 SR-2004 (MT HOLLY-HUNTERSVILLE RD) FROM PVMT JT S OF DMV TO PVMT JT N OF SR-2116 (ALEXANDERANA RD)
- #8 SR-2004 (MT HOLLY-HUNTERSVILLE RD) FROM I-77 OVERPASS BRIDGE TO PVMT JT N OF DMV

2015/2016 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	2/15	
DWG. BY	WAT	
DESIGN BY	WAT	
APPROVED	BDC	
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		7	
WBS NO.	10CR.10601.103, ETC.		




MAP

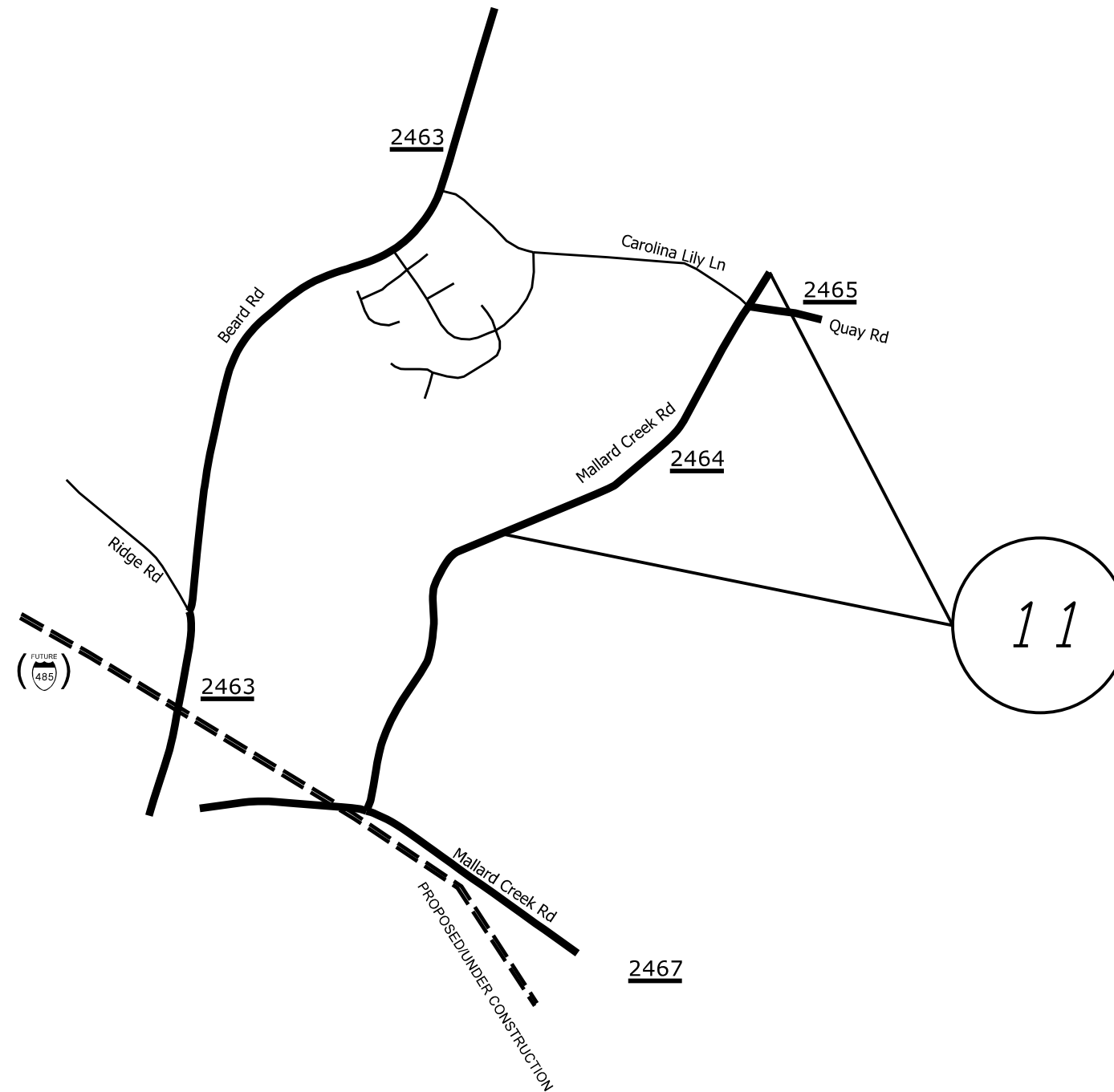
10 SR-2459 (EASTFIELD RD)

DESCRIPTION

FROM PVMT JT AT I-485 TO PVMT JT W OF PROSPERITY CHURCH RD

2015/2016 MECKLENBURG COUNTY RESURFACING			
SCALE	-1"=1"		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		8	
WBS NO.	10CR.10601.103, ETC.		




MAP

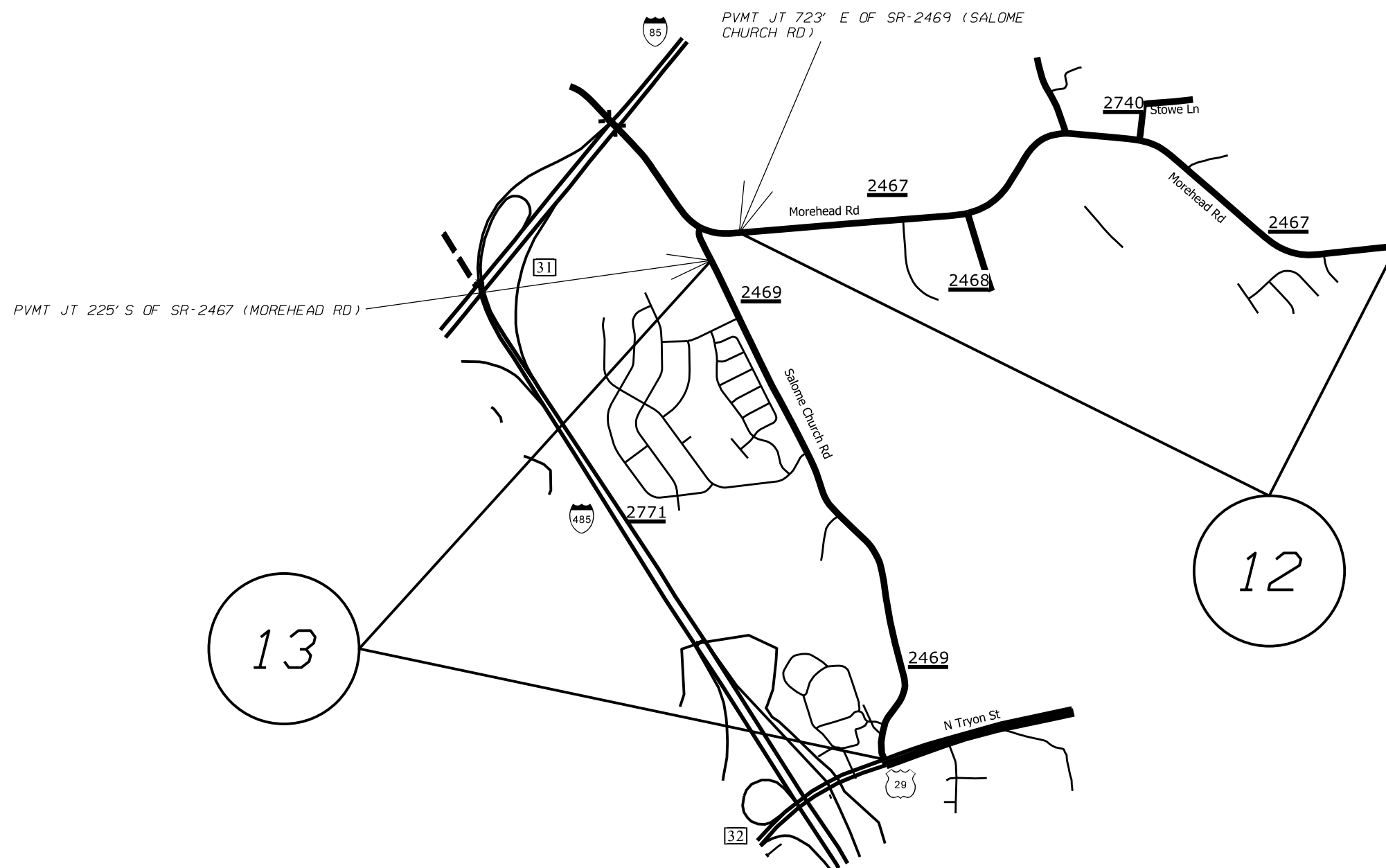
11 SR-2464 (MALLARD CREEK RD)

DESCRIPTION

FROM PVMT JT AT I-485 TO CABARRUS COUNTY LINE

2015/2016 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	2/15	
DWG. BY	WAT	
DESIGN BY	WAT	
APPROVED	BDC	
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		9	
WBS NO.	10CR.10601.103, ETC.		



13

12

MAP

DESCRIPTION


12 SR-2467 (MOREHEAD RD)

FROM PVMT JT E OF SR-2469 (SALOME CHURCH RD) TO CABARRUS COUNTY LINE

13 SR-2469 (SALOME CHURCH RD)

FROM PVMT JT S OF SR-2467 (MOREHEAD RD) TO US 29 (N TRYON ST)



2015/2016 MECKLENBURG COUNTY RESURFACING										
SCALE	-NA-									
DATE	2/15									
DWG. BY	WAT									
DESIGN BY	WAT									
APPROVED	BOC	<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.		10	
WBS NO.	10CR.10601.103, ETC.		



MAP

DESCRIPTION

14 SR-2195 (TORRENCE CHAPEL RD)

FROM PVMT JT N OF SR-5544 (W CATAWBA AVE) TO JOHN GAMBLE RD

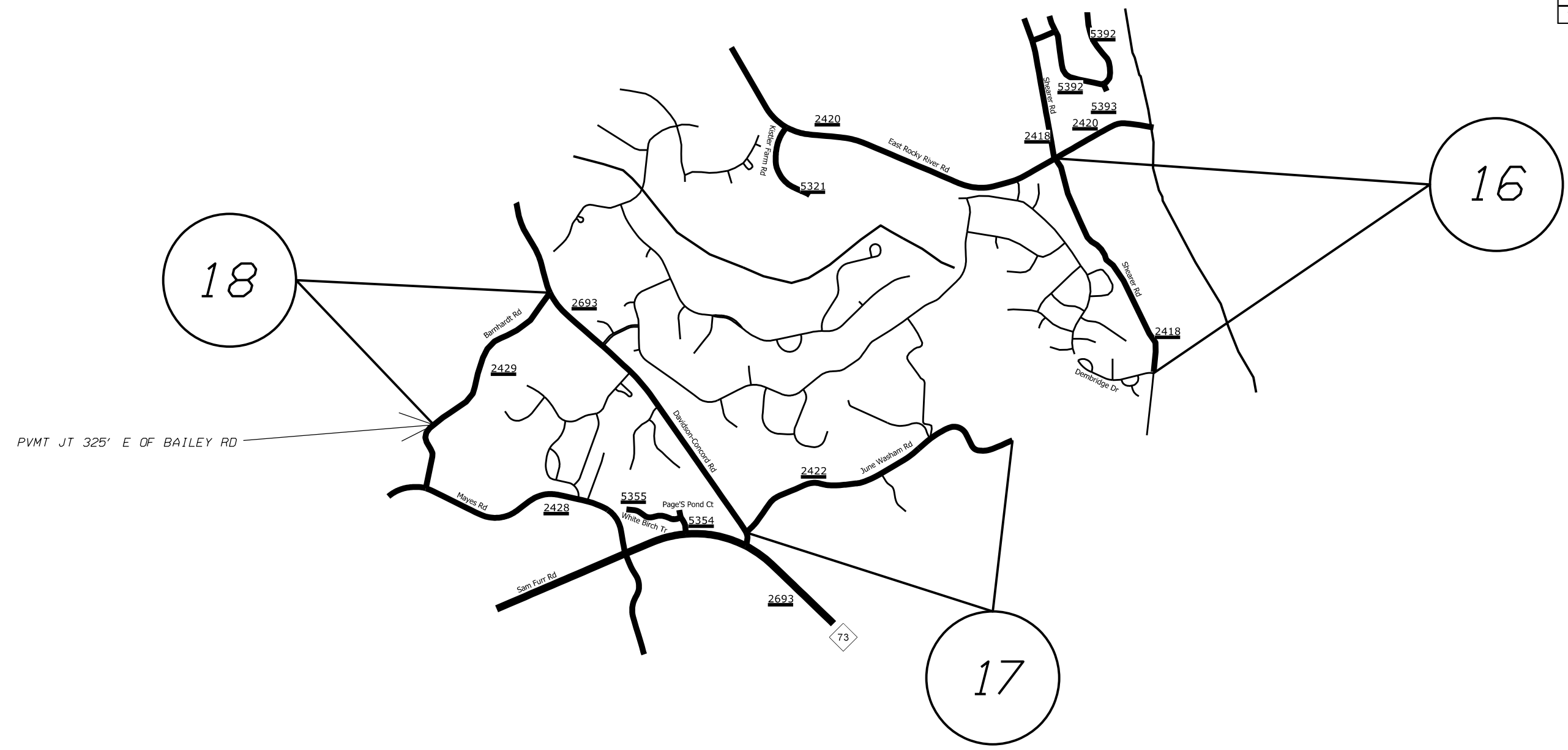
15 SR-2189 (BETHEL CHURCH RD)

FROM AT PVMT JT N OF SR-5544 (W CATAWBA AVE) TO STAGHORN CT

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	
WBS NO.	10CR.10601.103, ETC.		



MAP

- # 16 SR-2418 (SHEARER RD)
- # 17 SR-2422 (JUNE WASHAM RD)
- # 18 SR-2429 (BARNHARDT RD)

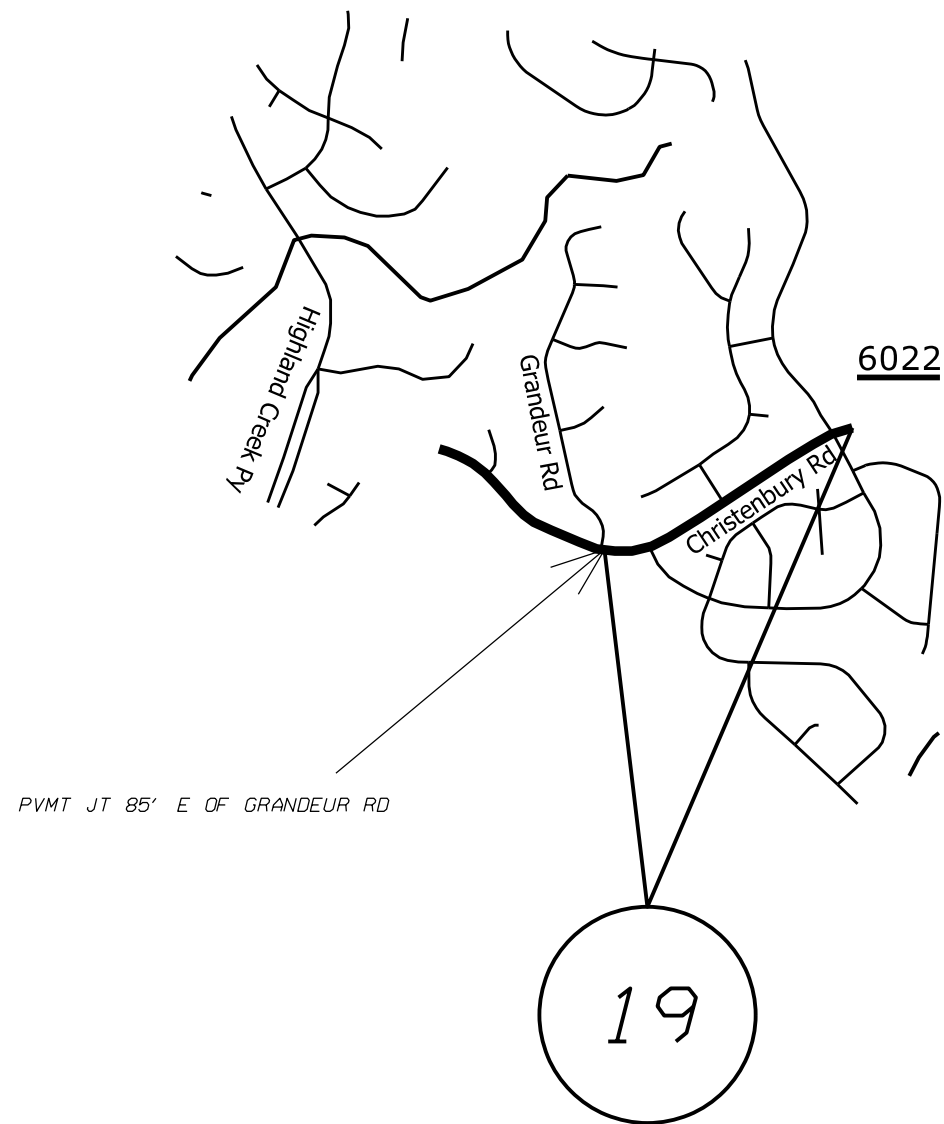
DESCRIPTION

- FROM SR-2420 (E ROCKY RIVER RD) TO DEMBRIDGE DR
- FROM SR-2693 (DAVIDSON-CONCORD RD) TO END OF MAINTENANCE
- FROM SR-2693 (DAVIDSON-CONCORD RD) TO PVMT JT E OF BAILEY RD

2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		12	
WBS NO.	10CR.10601.103, ETC.		



MAP

19 SR-6022 (CHRISTENBURY RD)

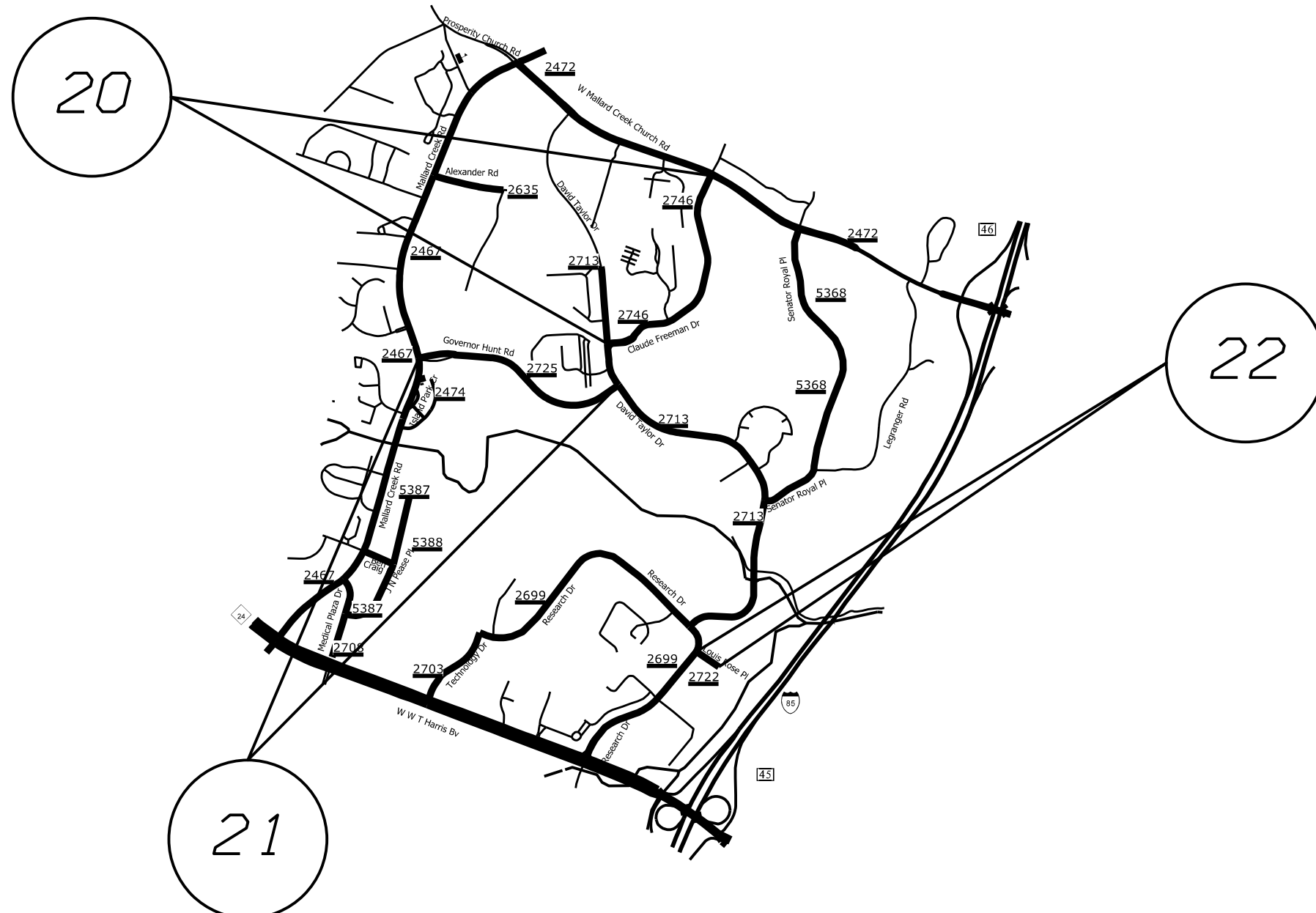
DESCRIPTION

FROM PVMT JT E OF GRANDEUR RD TO CABARRUS COUNTY LINE

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-1"=1'		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	
WBS NO.	10CR.10601.103, ETC.		



MAP

DESCRIPTION

20 SR-2746 (CLAUDE FREEMAN DR)

FROM SR-2713 (DAVID TAYLOR DR) TO SR-2472 (W MALLARD CREEK CHURCH RD)

21 SR-2725 (GOVERNOR HUNT RD)

FROM SR-2713 (DAVID TAYLOR DR) TO SR-2467 (MALLARD CREEK RD)

22 SR-2722 (LOUIS ROSE PL)

FROM SR-2699 (RESEARCH DR) TO END OF MAINTENANCE

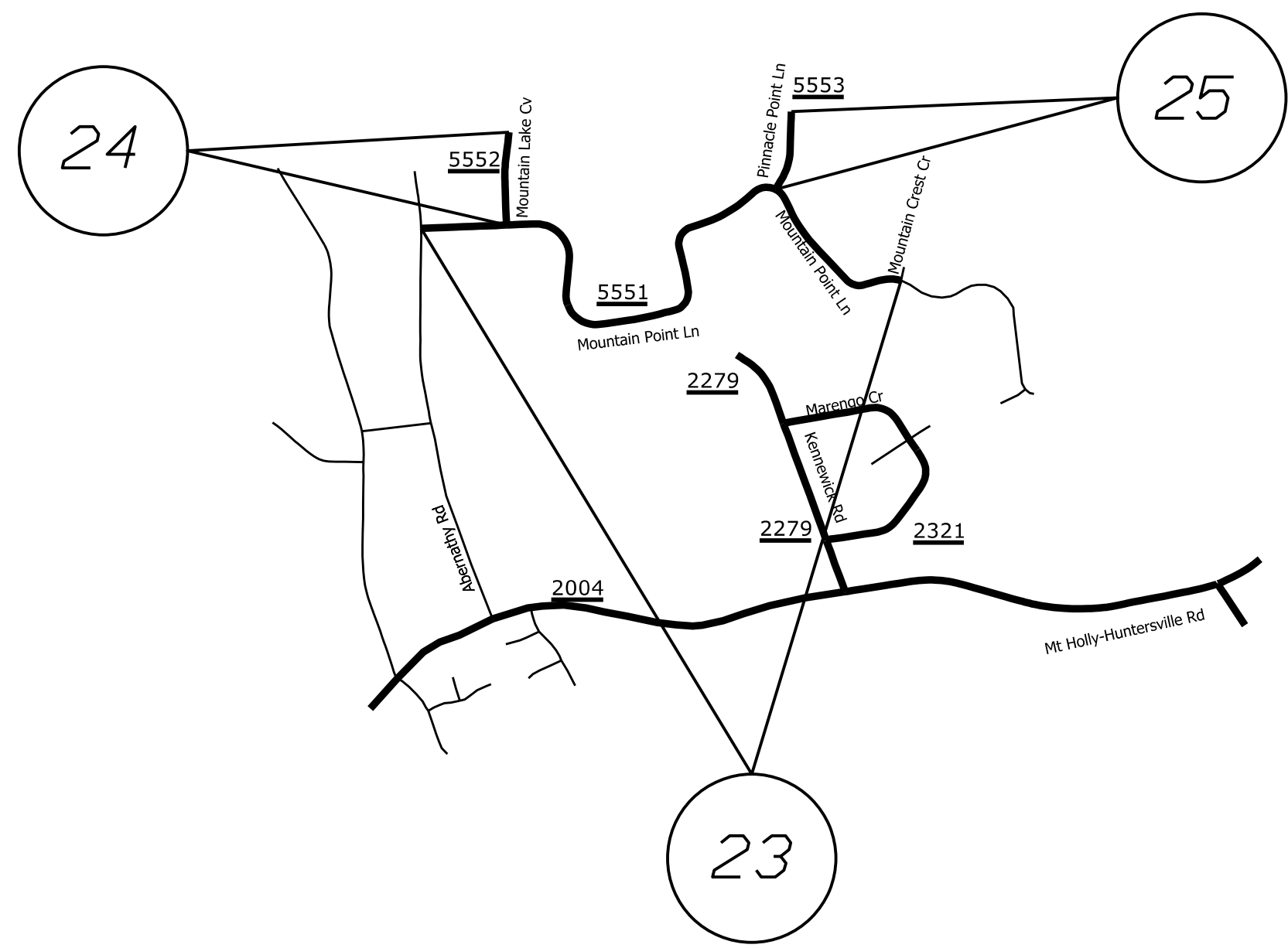
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-MA-
DATE	2/15
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DESIGN BY	WAT
APPROVED	BDC



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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WBS NO.	10CR.10601.103, ETC.		




MAP

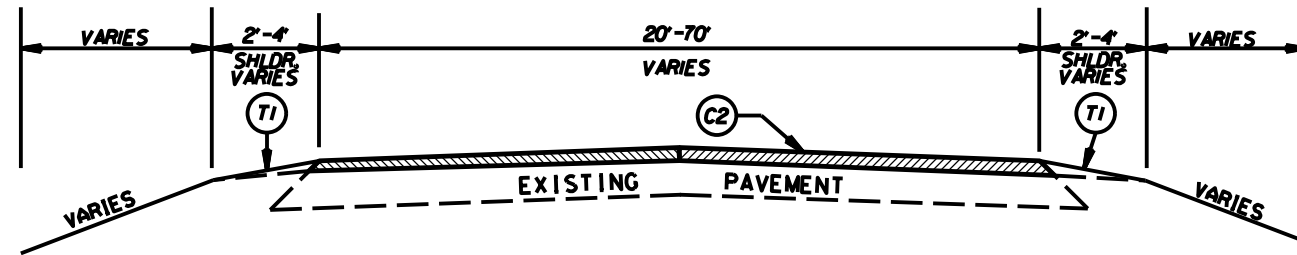
DESCRIPTION

- # 23 SR-5551 (MOUNTAIN POINT LN) FROM ABERNATHY RD TO MOUNTAIN CREST CIR
- # 24 SR-5552 (MOUNTAIN LAKE COVE) FROM SR-5551 (MOUNTAIN POINT LN) TO DEAD END
- # 25 SR-5553 (PINNACLE POINT LN) FROM SR-5551 (MOUNTAIN POINT LN) TO DEAD END

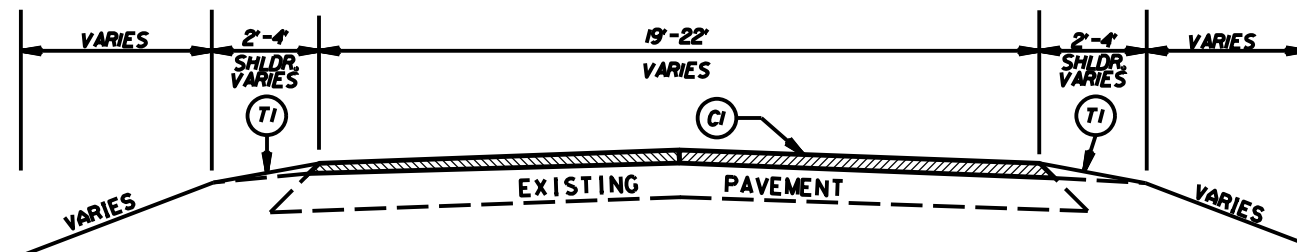


2015/2016 MECKLENBURG COUNTY RESURFACING		
SCALE	-1A-	
DATE	2/15	
DWG. BY	WAT	
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APPROVED	BDC	
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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WBS NO.	10CRJ060J03, ETC.		

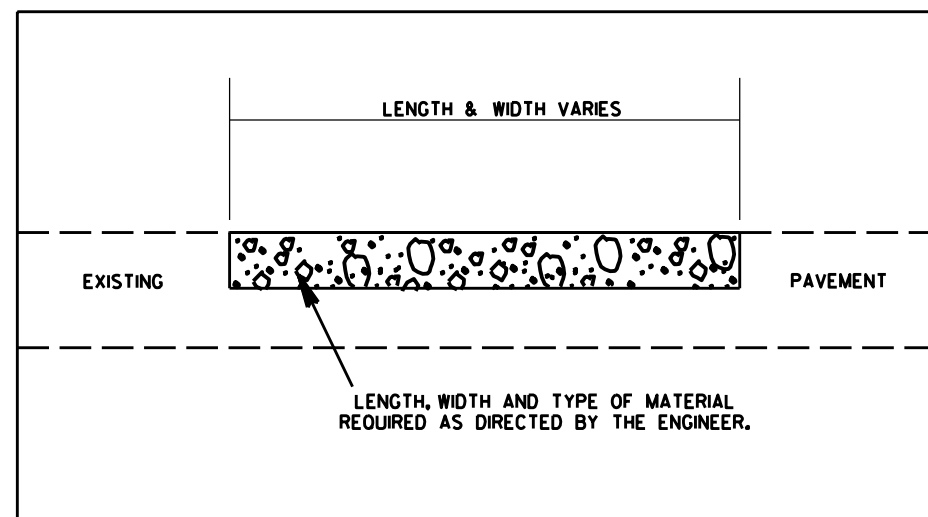


TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 1

PATCHING DETAIL

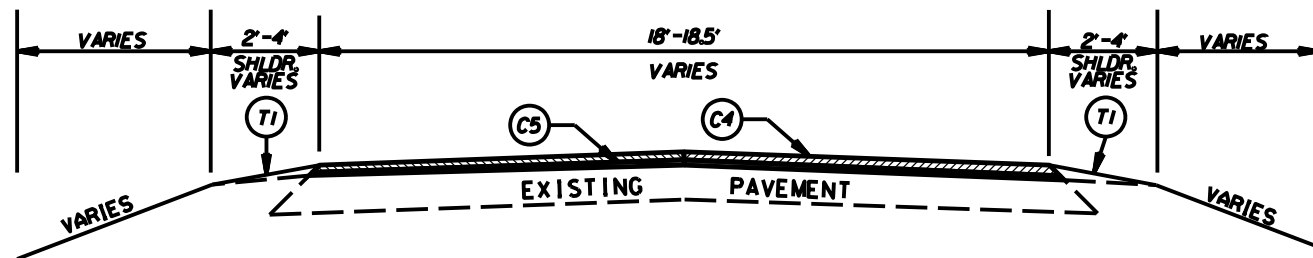


PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

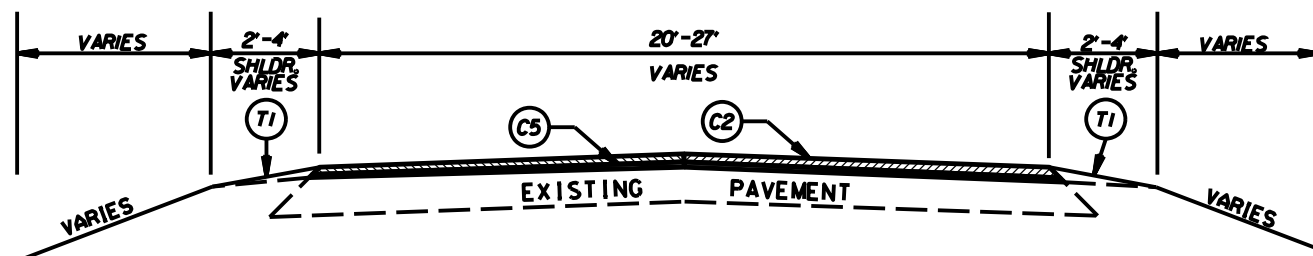
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-HA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

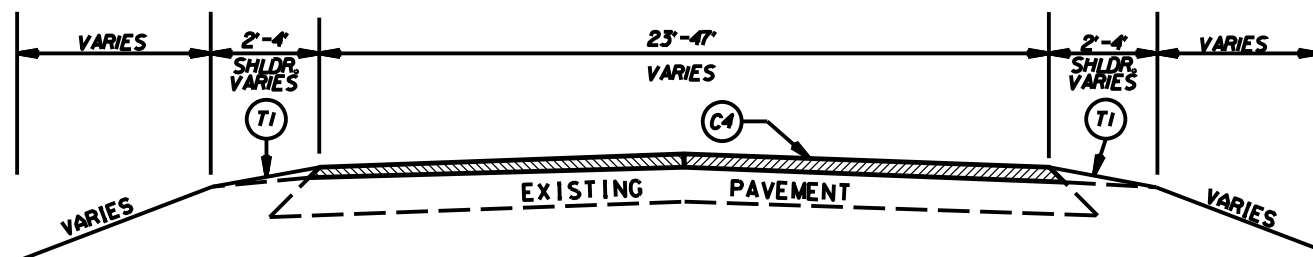
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		16	
WBS NO.	IOCRJ060J03, ETC.		



TYPICAL SECTION NO. 5



TYPICAL SECTION NO. 4



TYPICAL SECTION NO. 3

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
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V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

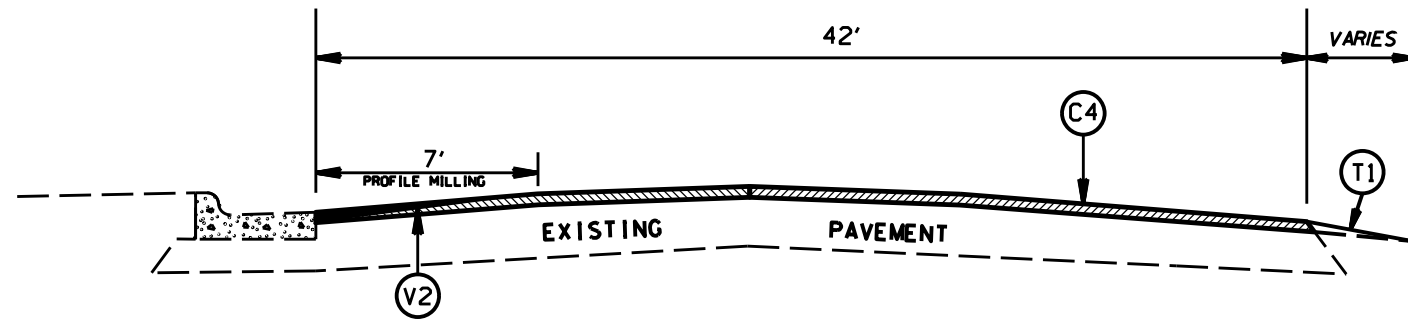
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	3/15
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DESIGN BY	WAT
APPROVED	BOC

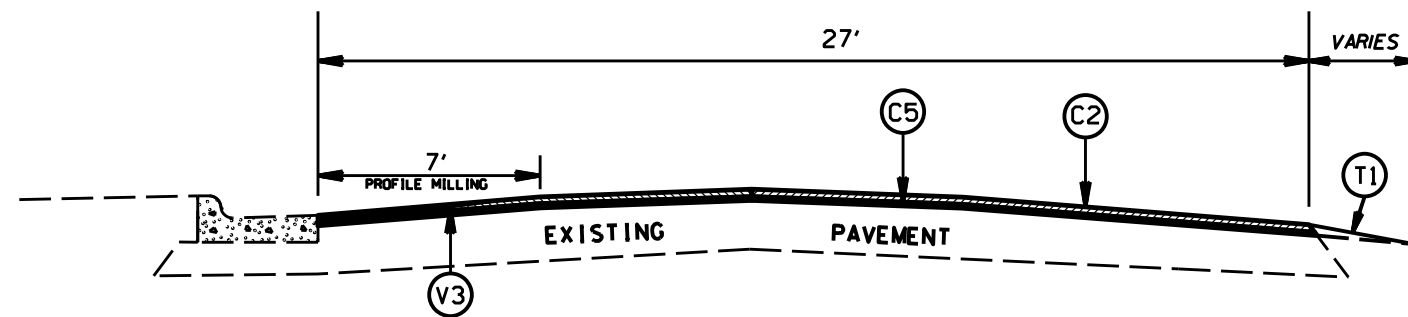


REVISIONS

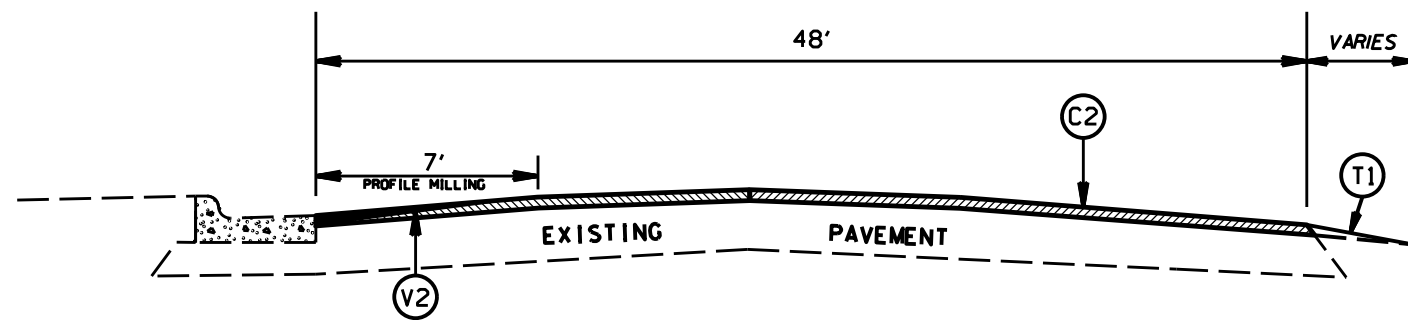
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WBS NO.	10CRJ060403, ETC.		



TYPICAL SECTION NO. 8



TYPICAL SECTION NO. 7



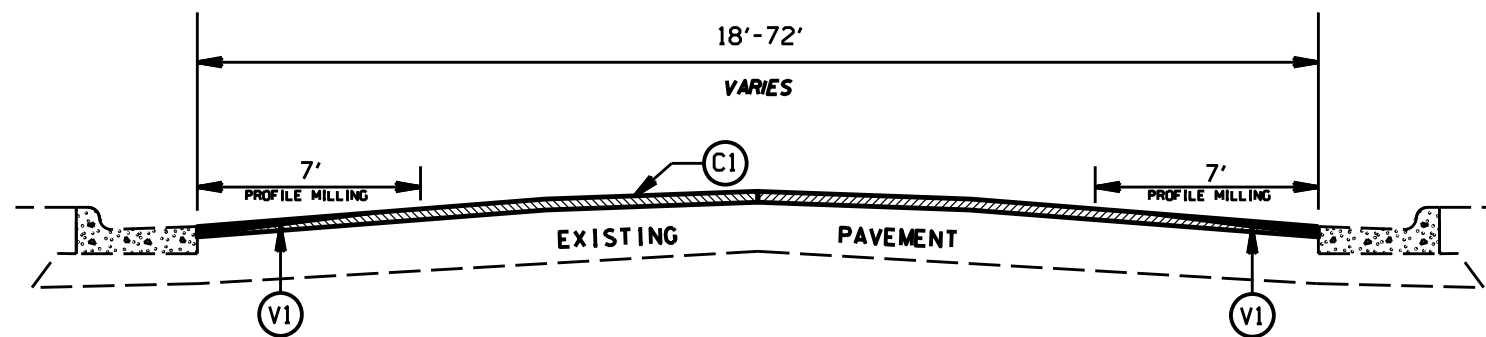
TYPICAL SECTION NO. 6

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
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V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

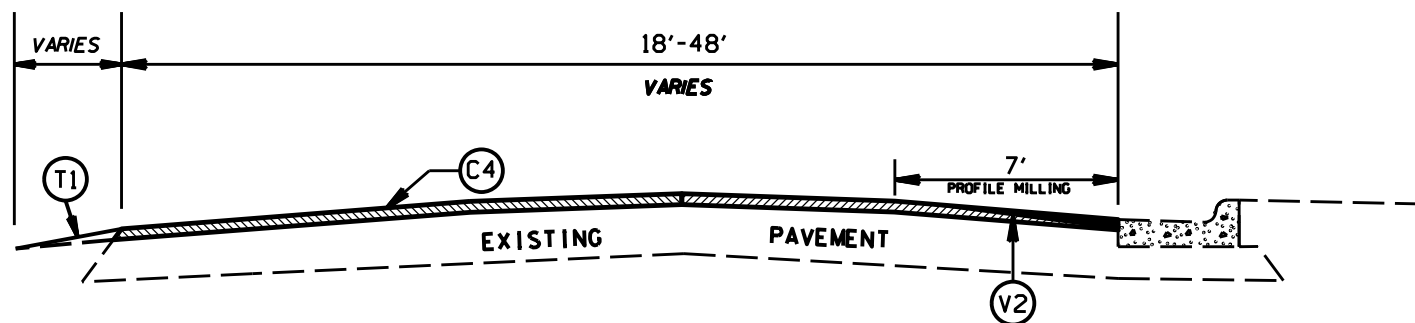
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-HA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

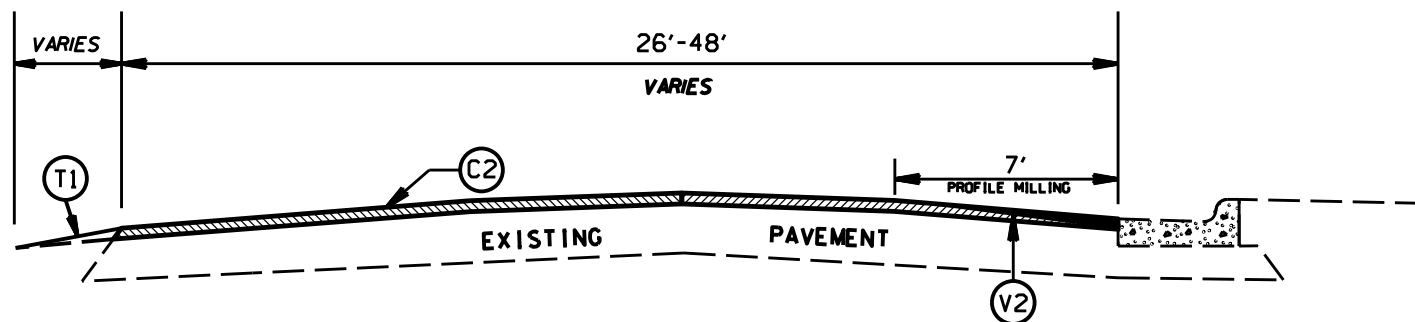
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		18	
WBS NO.	IOCR.060J03, ETC.		



TYPICAL SECTION NO. 11



TYPICAL SECTION NO. 10



TYPICAL SECTION NO. 9

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
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V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

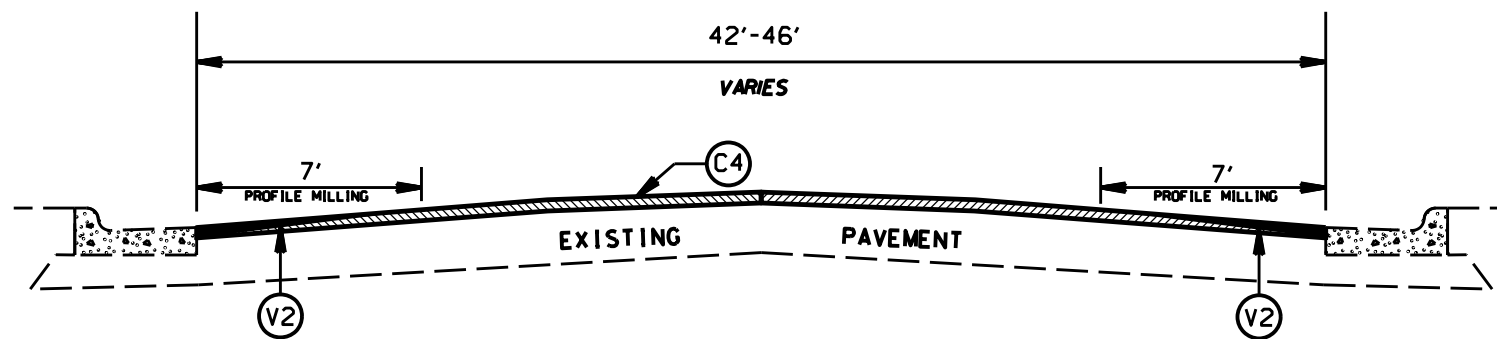
2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-
DATE	3/15
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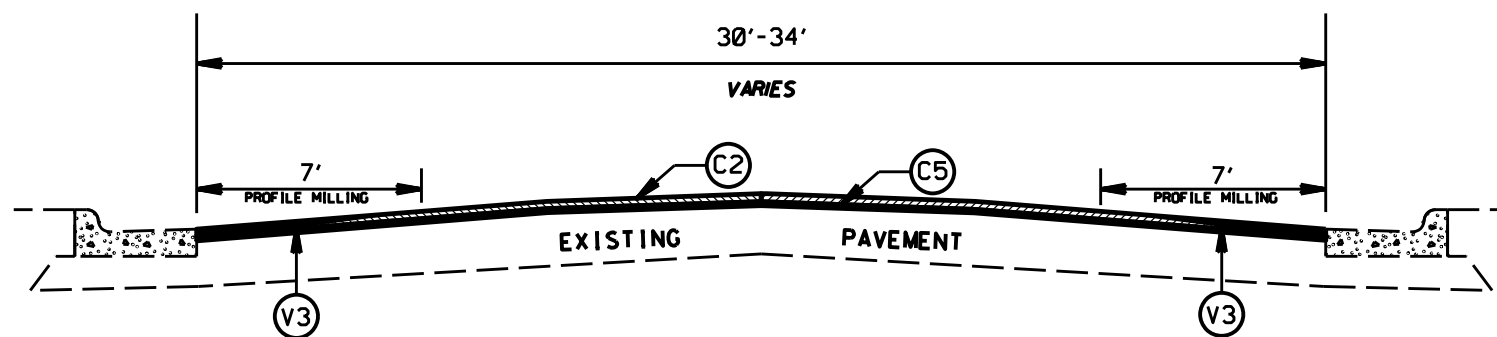


REVISIONS	

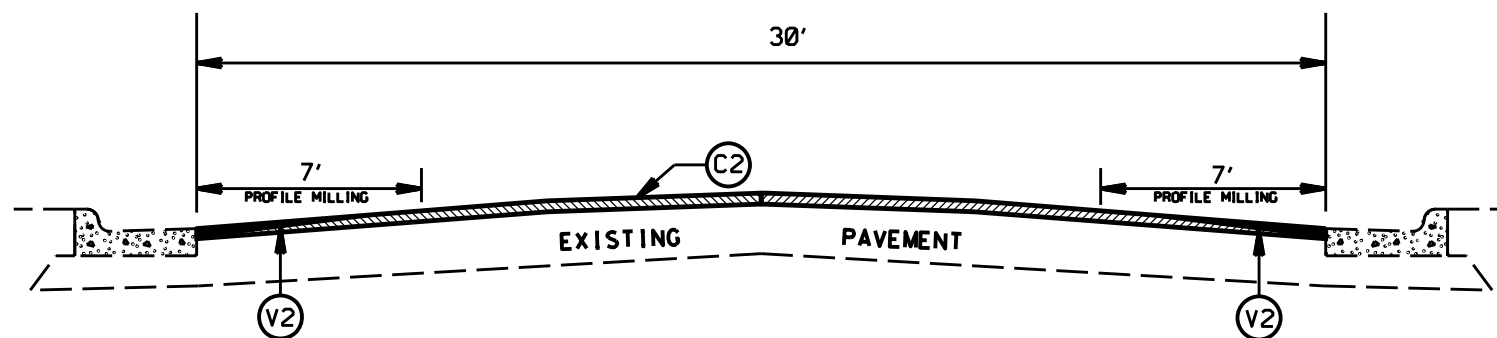
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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TYPICAL SECTION NO. 14



TYPICAL SECTION NO. 13



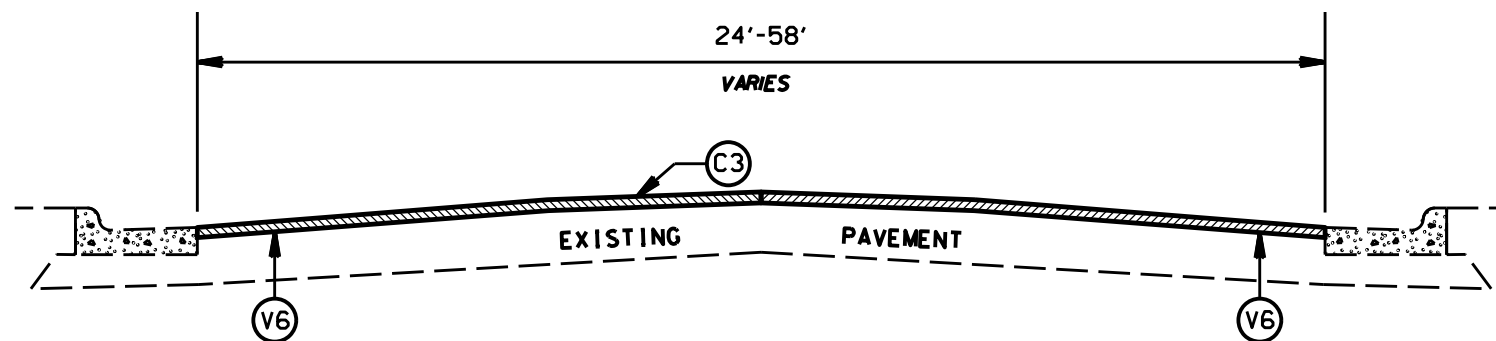
TYPICAL SECTION NO. 12

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
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V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

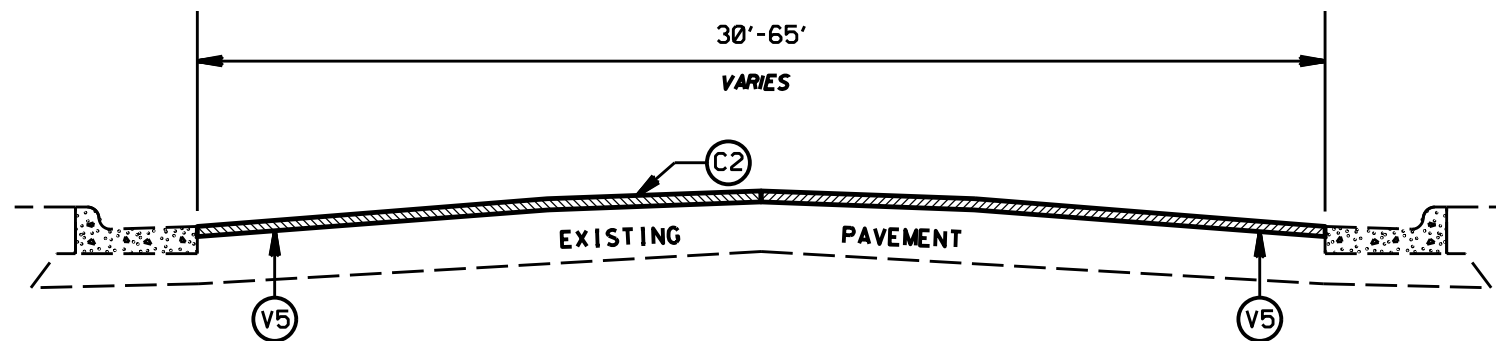
2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-HA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

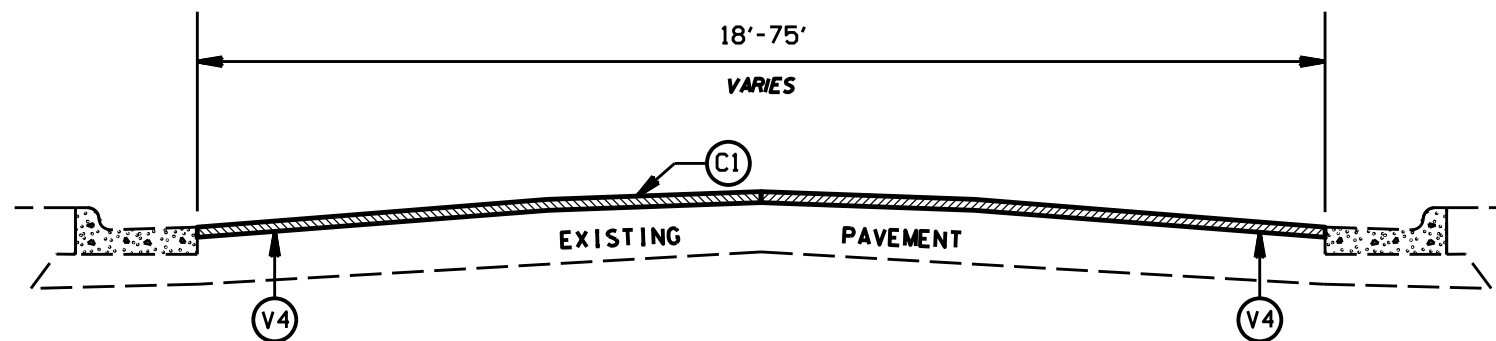
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		20	
WBS NO.	10CRJ060J03, ETC.		



TYPICAL SECTION NO. 17



TYPICAL SECTION NO. 16



TYPICAL SECTION NO. 15

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

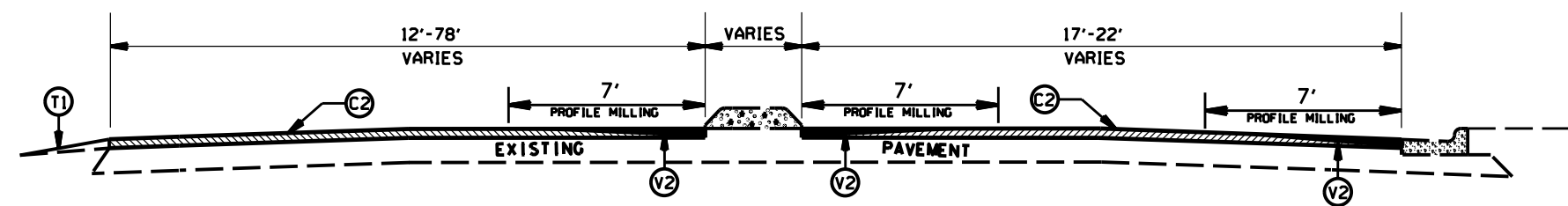
2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-
DATE	3/15
DWG. BY	WAT
DESIGN BY	WAT
APPROVED	BDC

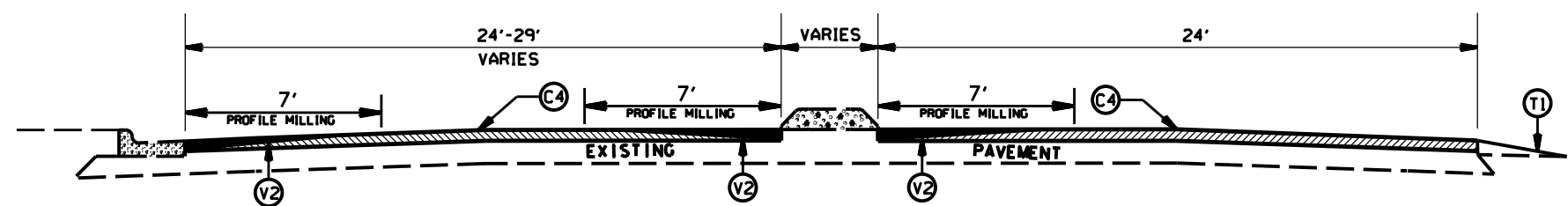


REVISIONS

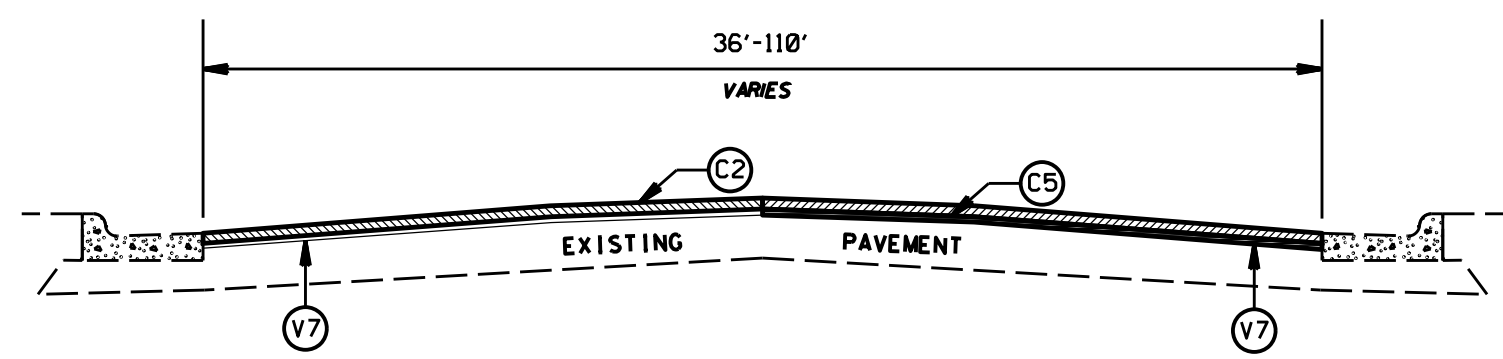
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		21	
WBS NO.	ICR1060403, ETC.		



TYPICAL SECTION NO. 20



TYPICAL SECTION NO. 19



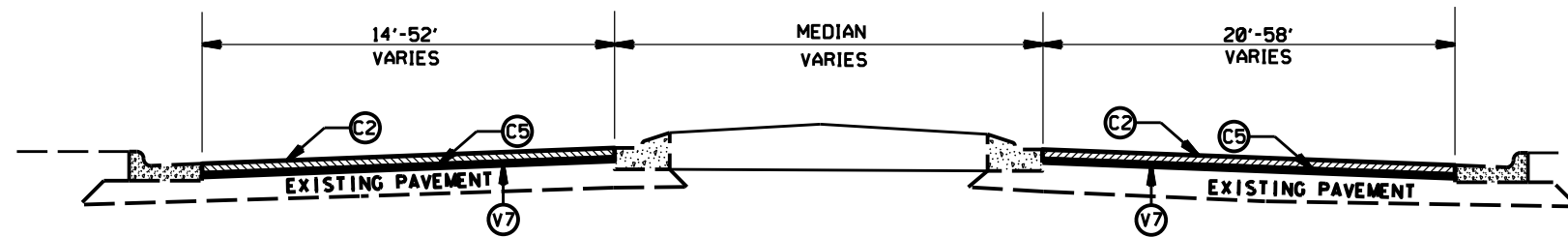
TYPICAL SECTION NO. 18

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

2015/2016 MECKLENBURG COUNTY
RESURFACING

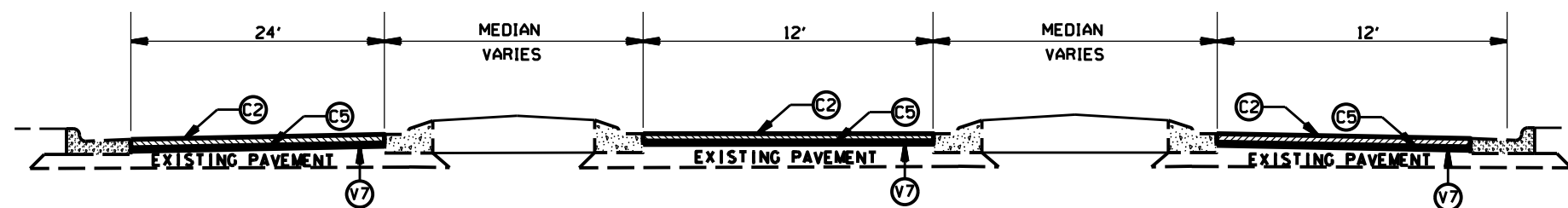
SCALE	-1A-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		22	
WBS NO.	10CRJ0601J03, ETC.		

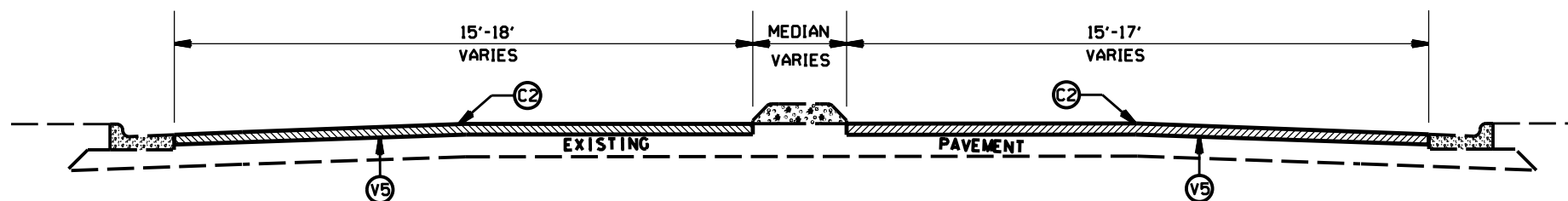


TYPICAL SECTION NO. 23


PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH



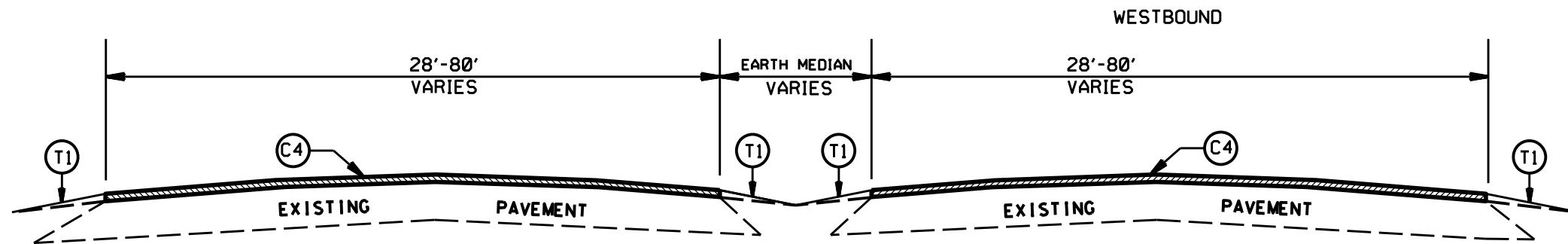
TYPICAL SECTION NO. 22



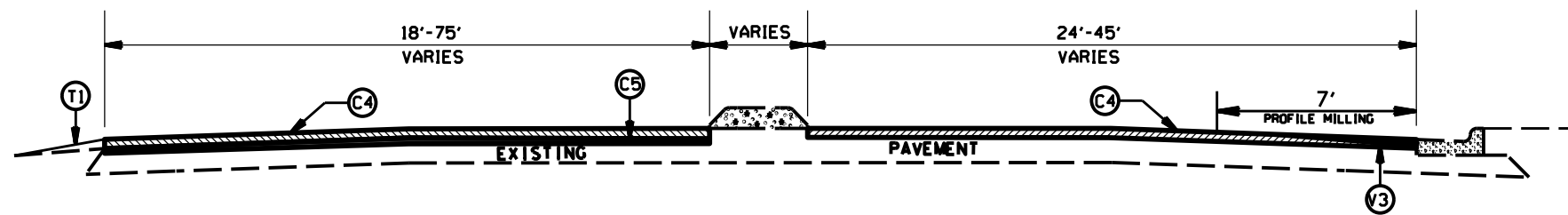
TYPICAL SECTION NO. 21

2015/2016 MECKLENBURG COUNTY RESURFACING			
SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

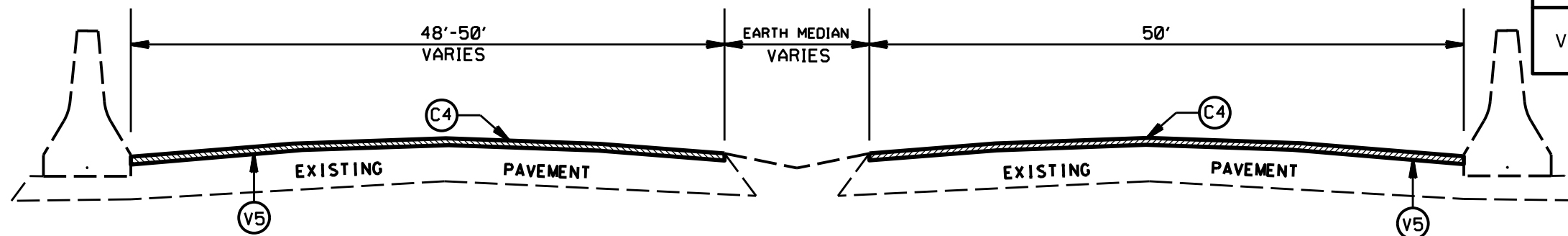
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		23	
WBS NO.	ICR1060103, ETC.		



TYPICAL SECTION NO. 26



TYPICAL SECTION NO. 25



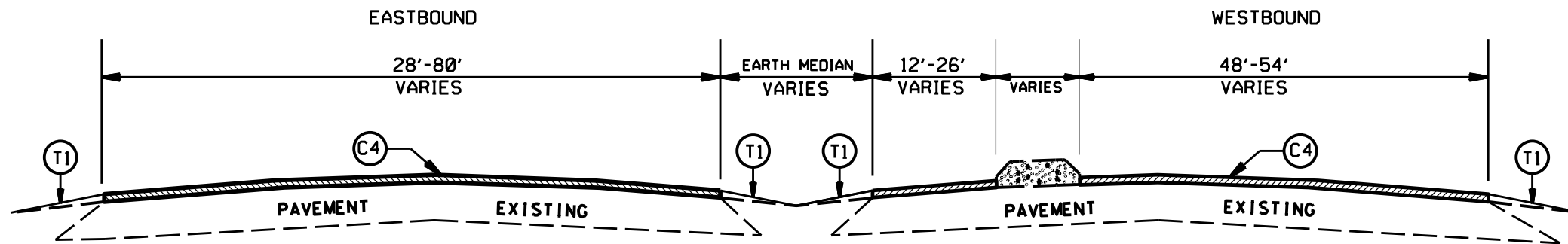
TYPICAL SECTION NO. 24

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

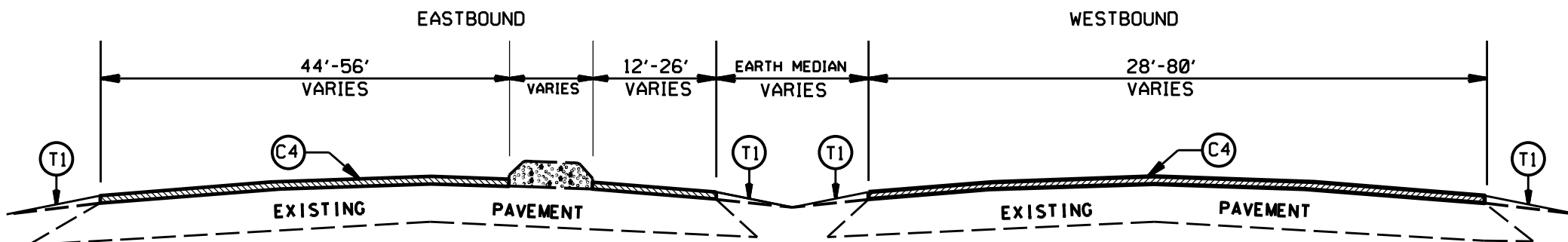
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		24	
WBS NO.	IOCRJ060U03, ETC.		



TYPICAL SECTION NO. 28



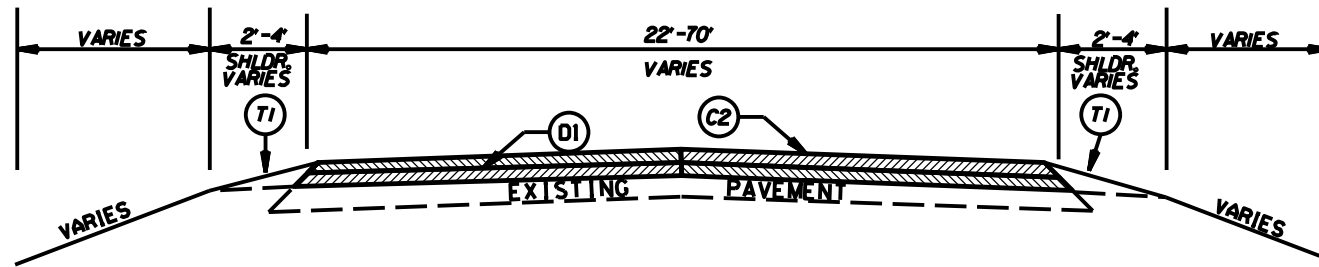
TYPICAL SECTION NO. 27

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

2015/2016 MECKLENBURG COUNTY
RESURFACING

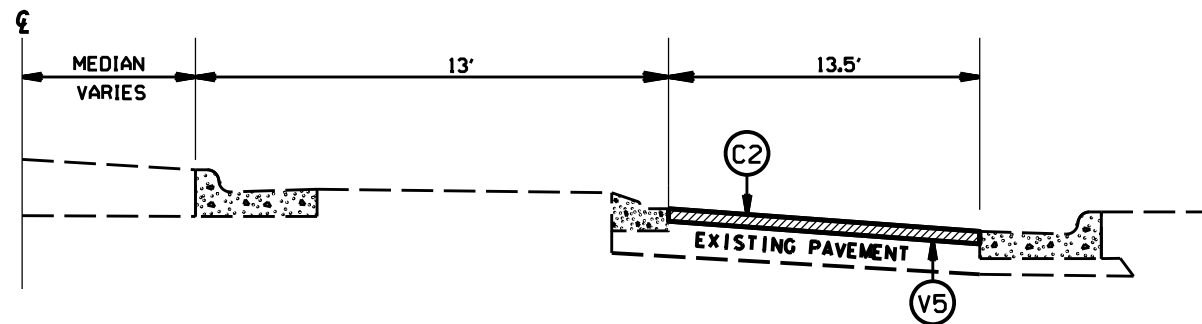
SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BOC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.			25
WBS NO.	KCR.1060J03, ETC.		

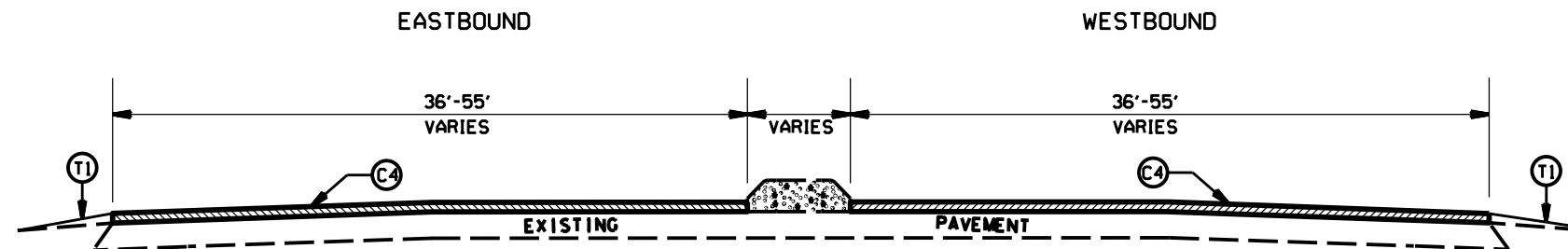


TYPICAL SECTION NO. 31

ROUNDBOUT



TYPICAL SECTION NO. 30



TYPICAL SECTION NO. 29

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #6, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE OF 285 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	PROFILE MILLING 0" TO 2.25"
V4	MILLING 1.0" DEPTH
V5	MILLING 1.5" DEPTH
V6	MILLING 2.0" DEPTH
V7	MILLING 2.25" DEPTH

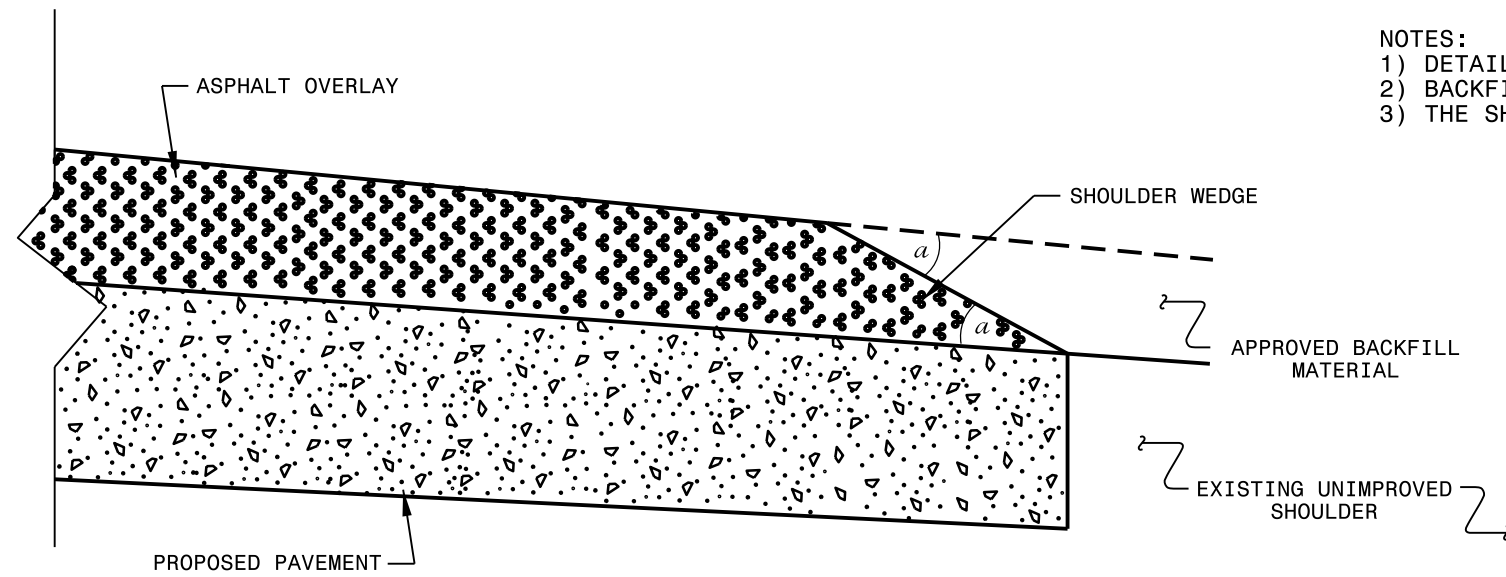
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	3/15
DWG. BY	WAT
DESIGN BY	WAT
APPROVED	BOC

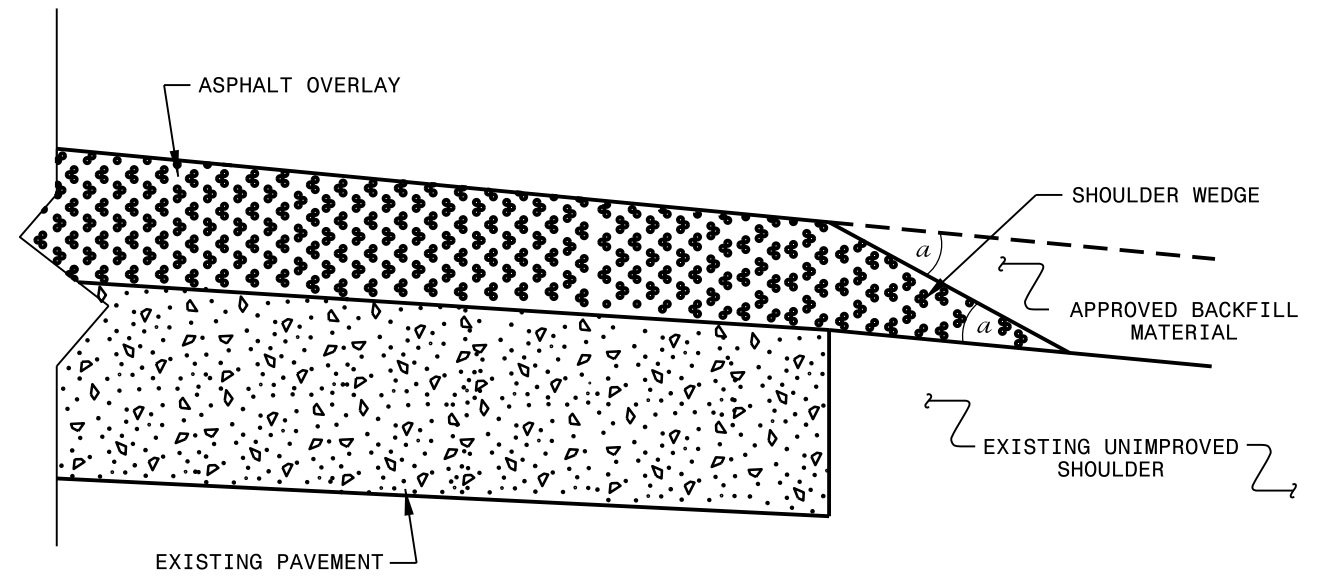


REVISIONS	

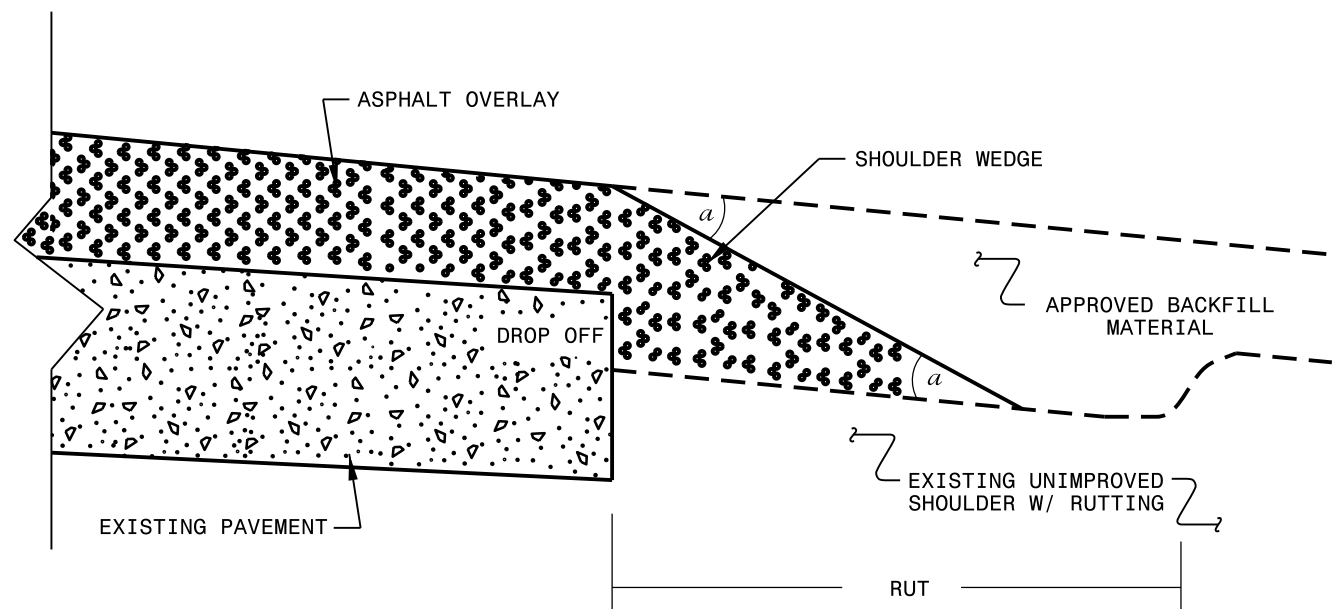
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



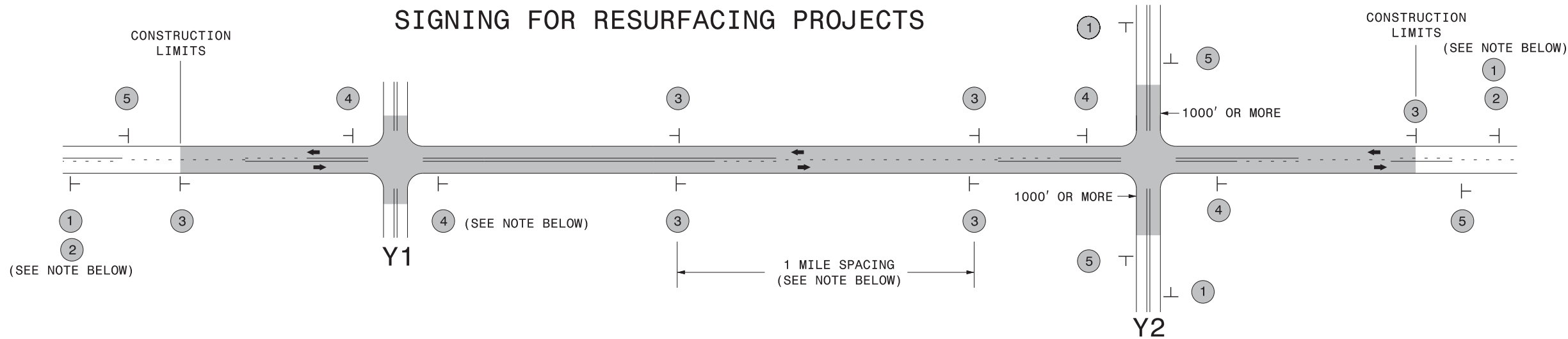
SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- 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.: susr/details/stand/shoulderwedgedetail.dgn			

SYSTEM: 10/16/12
 USER: T.SPELL
 FILE: susr/details/stand/shoulderwedgedetail.dgn

SIGNING FOR RESURFACING PROJECTS



LEGEND	
	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

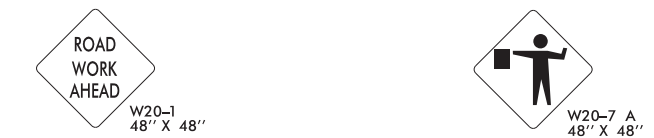
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.		
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)		
	3	 <small>SP 13107 48" X 48"</small>	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.		
	4	 <small>SP 13106 48" X 48"</small>	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.		
	5	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.		

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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

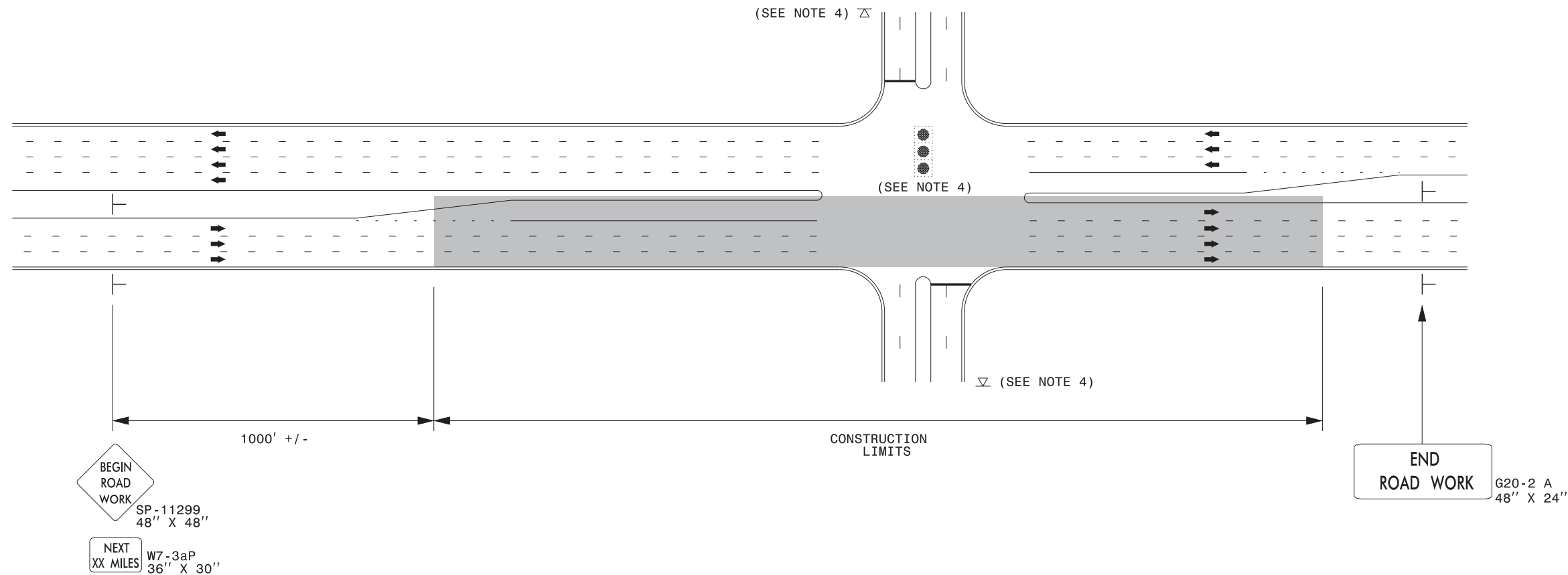


PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

3/19/2015 C:\Users\rmgarrett\Downloads\Resurfacing_AdvWarn_2Ln (2).dgn User:rmgarrett

**RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS**

URBAN / SUBURBAN WORKZONES

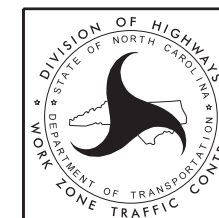


NOTES:

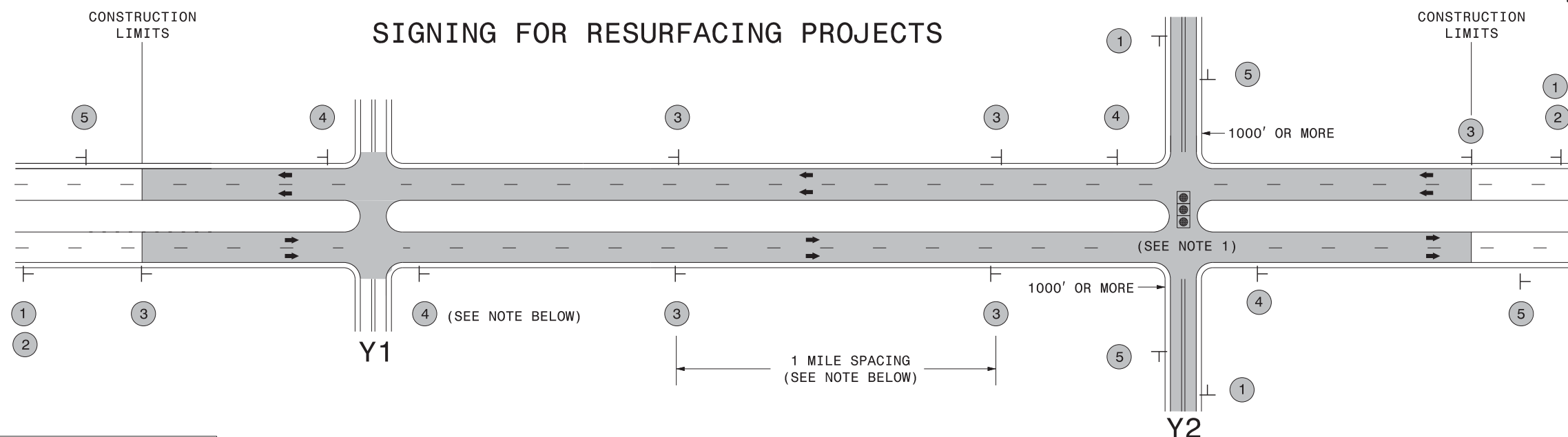
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. 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
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW

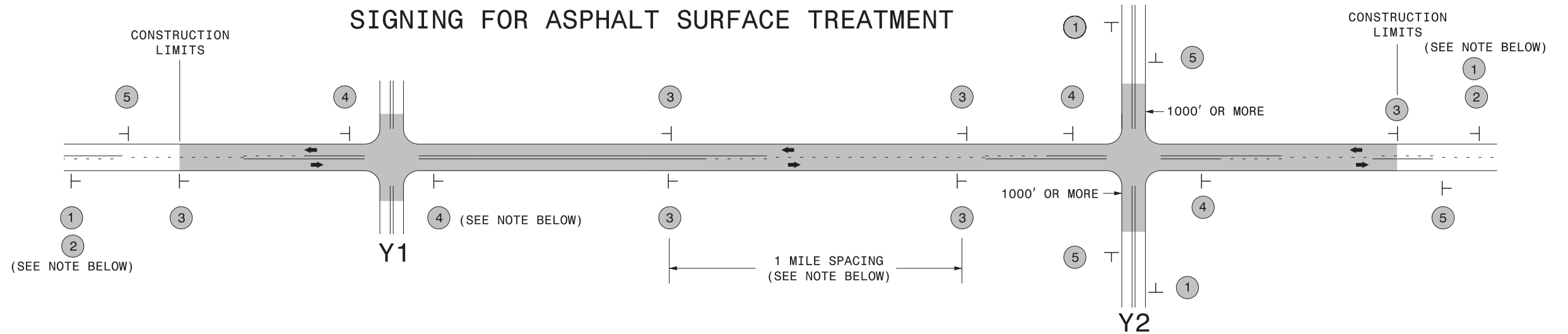
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1) 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.
		<p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

**RESURFACING
 ADVANCE WARNING SIGNS
 FOR RURAL AND SUBURBAN
 MULTI-LANE ROADWAYS
 W/ SHOULDER SECTIONS**

SIGNING FOR ASPHALT SURFACE TREATMENT



LEGEND	
	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION		
1 2	 W20-1 48" X 48" W7-3aP 24" X 18"	<p style="text-align: center;">NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p style="text-align: center;">WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p style="text-align: center;">PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
3	 W8-7 48" X 48" SP 48" X 48"	<p style="text-align: center;">ALTERNATE THE FOLLOWING TWO SIGNS: STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p style="text-align: center;">PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>
4	 SP 13106 48" X 48"	<p style="text-align: center;">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.</p>
5	 G20-2 A 48" X 24"	<p style="text-align: center;">PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>

**ADVANCE WARNING SIGNS
FOR
ASPHALT SURFACE TREATMENTS
2 LANE ROADWAYS**

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