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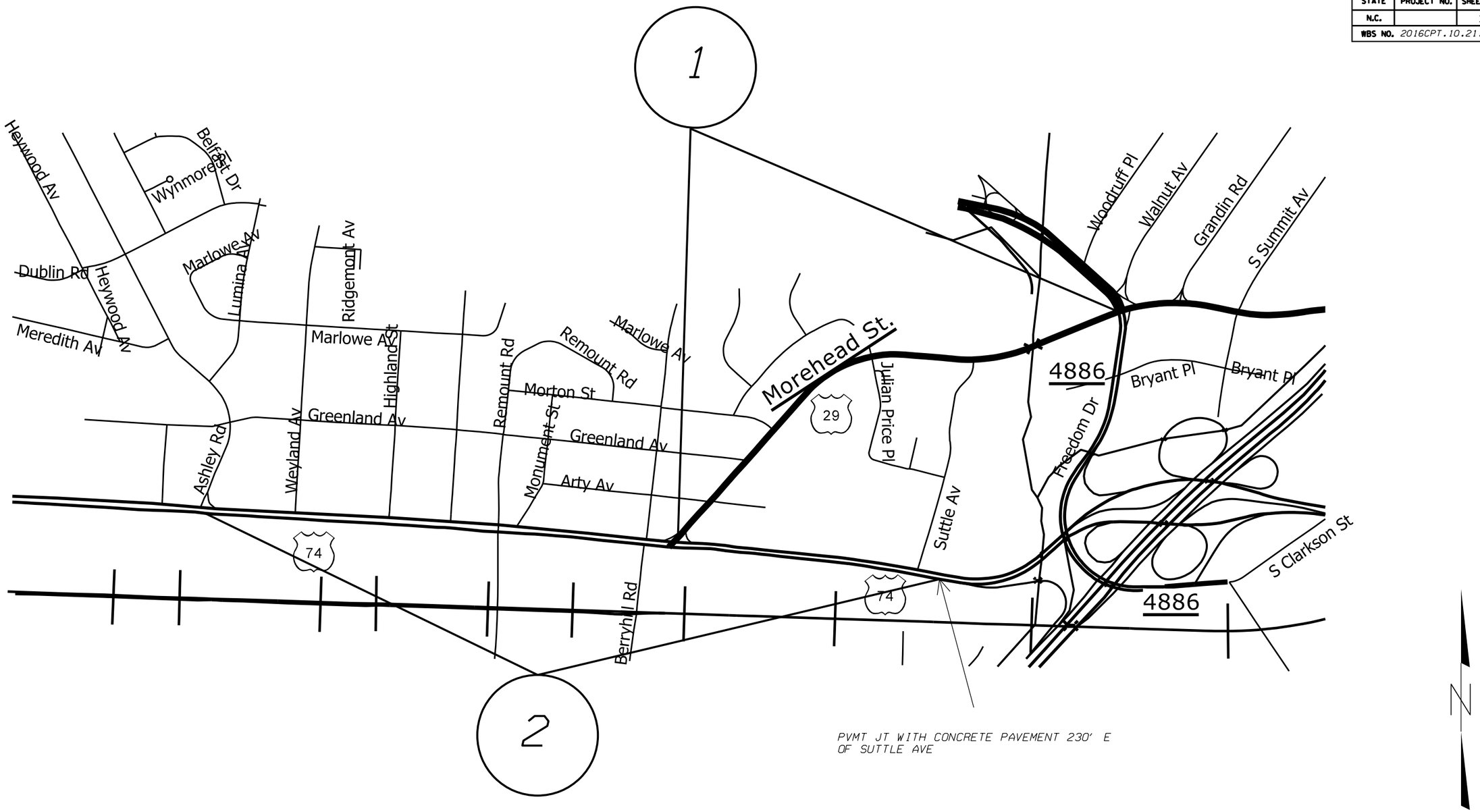
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	
WBS NO. 2016CPT.10.21.10601.1, ETC.			



MAP

#1 US 29 (W.MOREHEAD ST)

#2 US 74/29 WESTBOUND (WILKINSON BV)

DESCRIPTION

FROM NC27 (FREEDOM DR) TO US29 (WILKINSON BV)

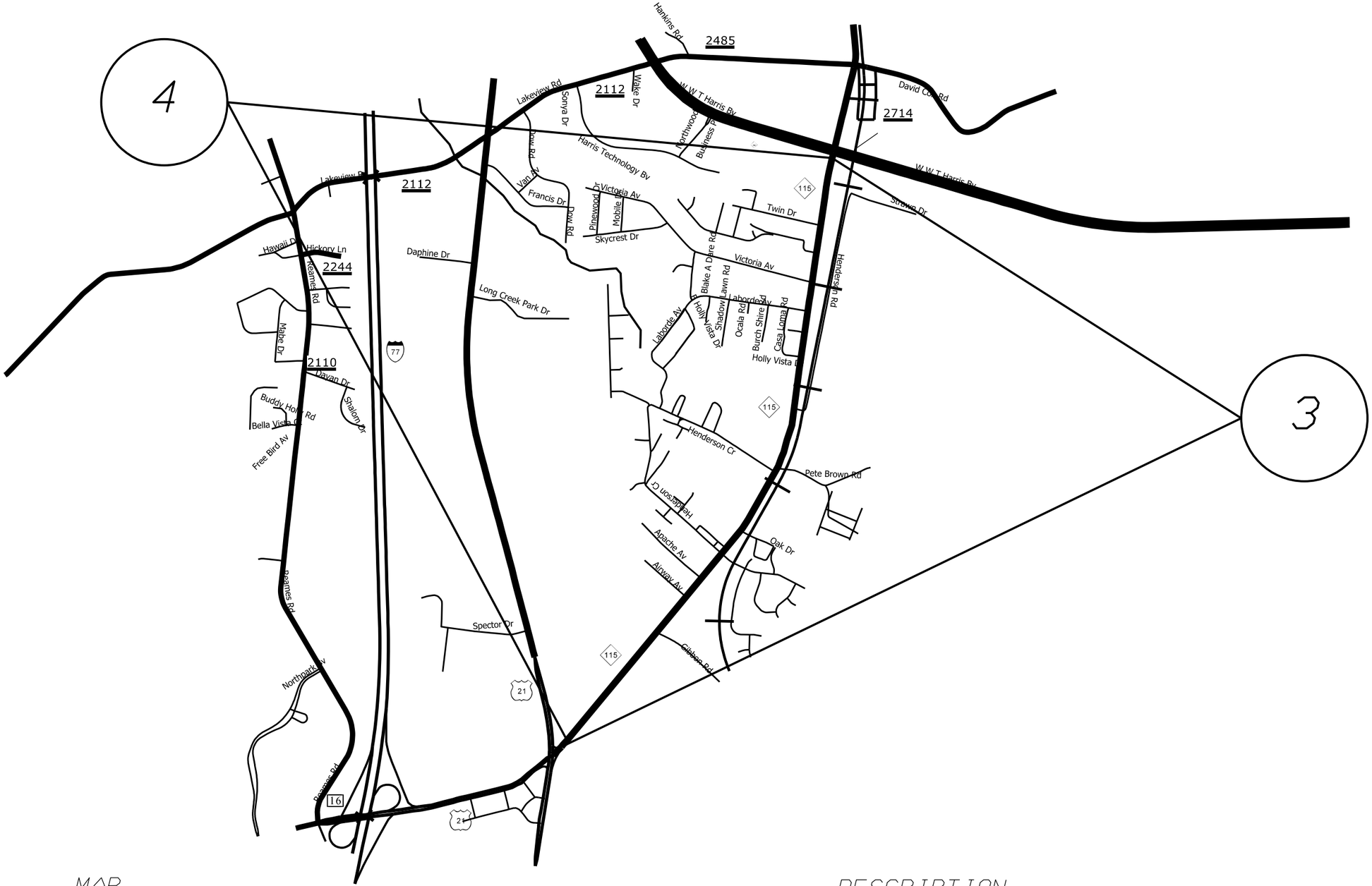
FROM PVMT JT EAST OF SUTTLE AVE TO ASHLEY RD.

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

DESCRIPTION

#3 NC 115 NORTHBOUND (OLD STATESVILLE RD)

FROM SUNSET RD TO NC 24 (HARRIS BV)

#4 NC 115 SOUTHBOUND (OLD STATESVILLE RD)

FROM NC 24 (HARRIS BV) TO SUNSET RD

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DISTRICT 1

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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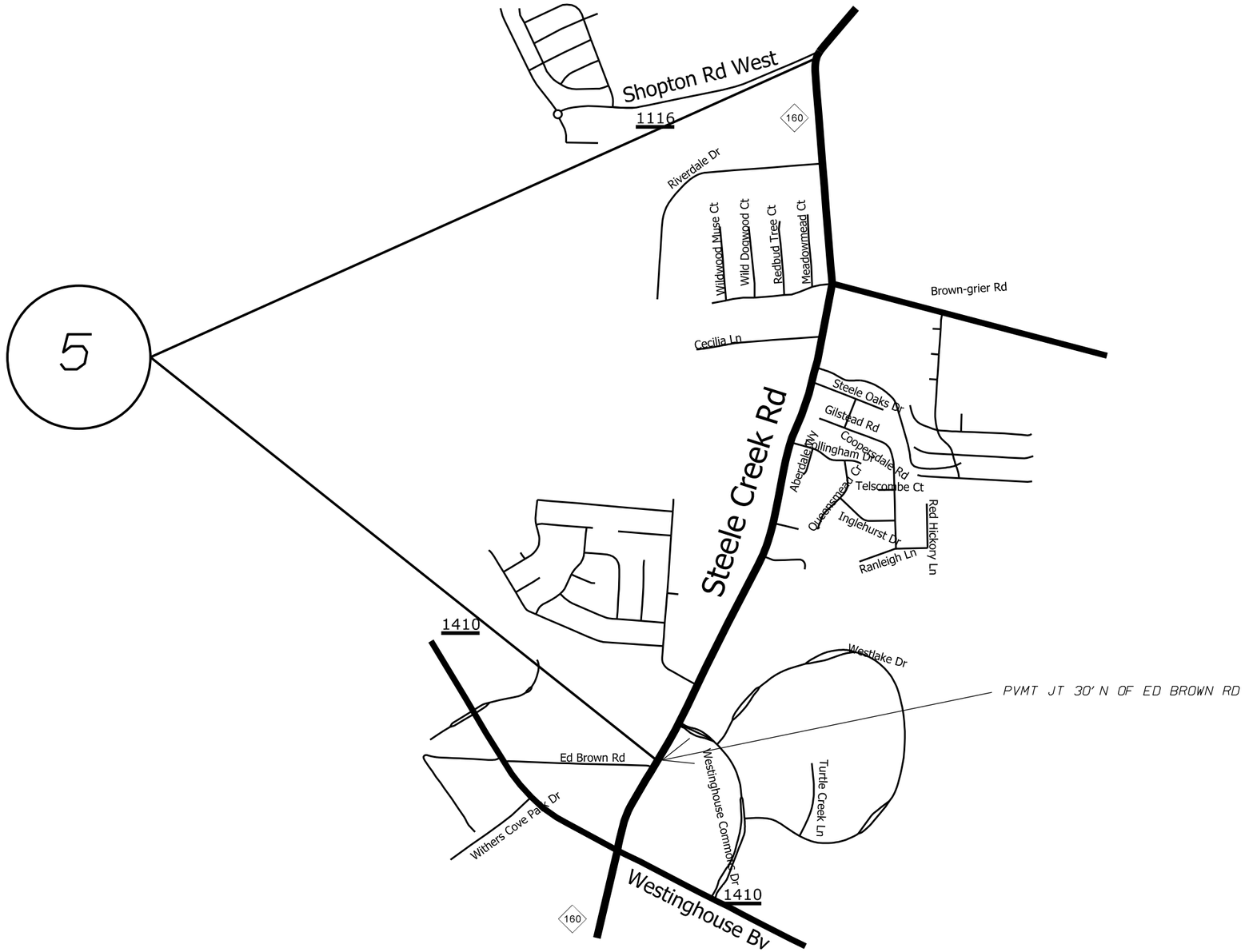
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

#5 NC 160 (STEELE CREEK RD)

DESCRIPTION

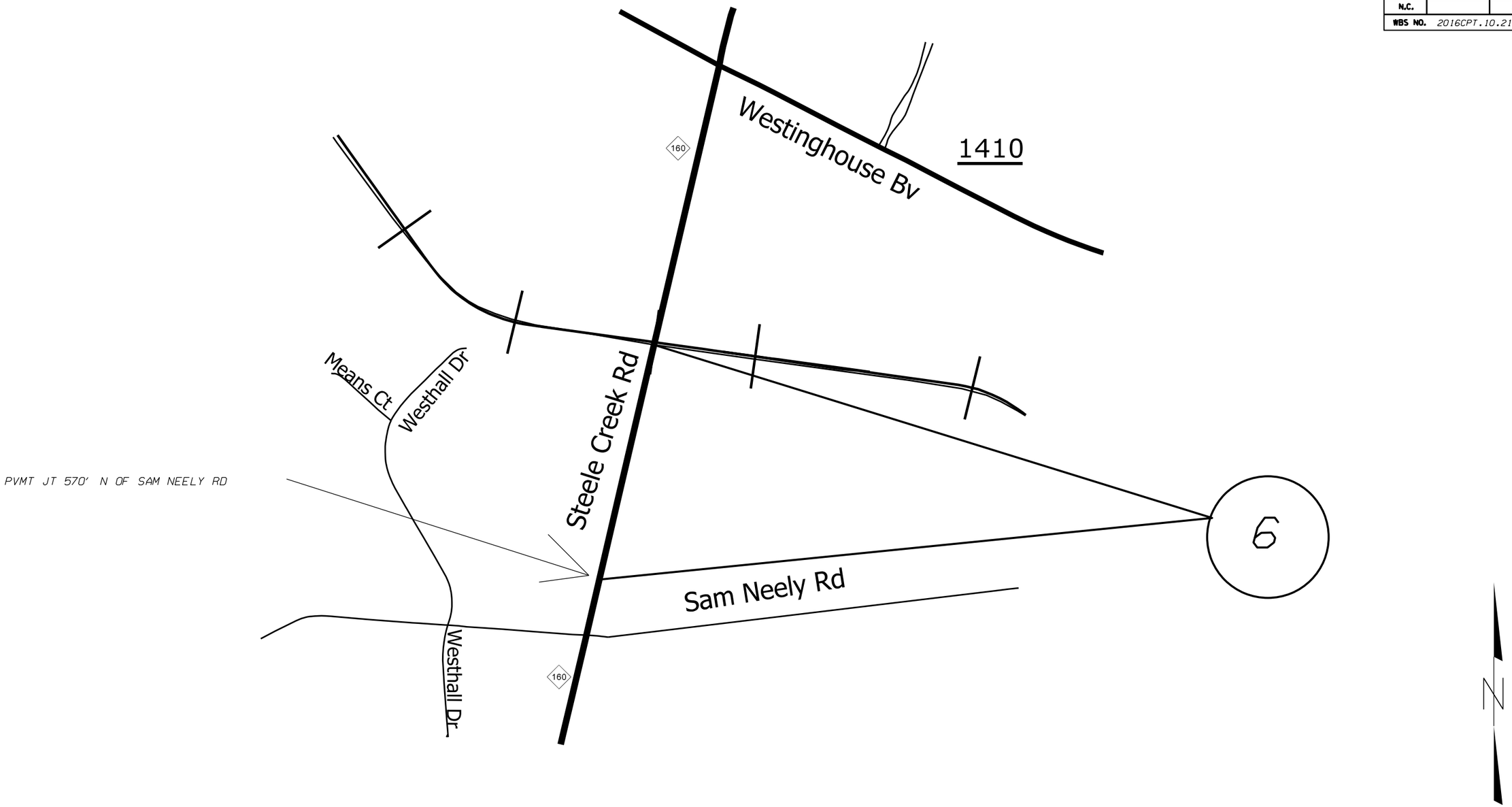
FROM SR 1116 (SHOPTON ROAD WEST) TO PVMT. JNT. 30' NORTH OF ED BROWN RD

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

#6 NC 160 (STEELE CREEK RD)

DESCRIPTION

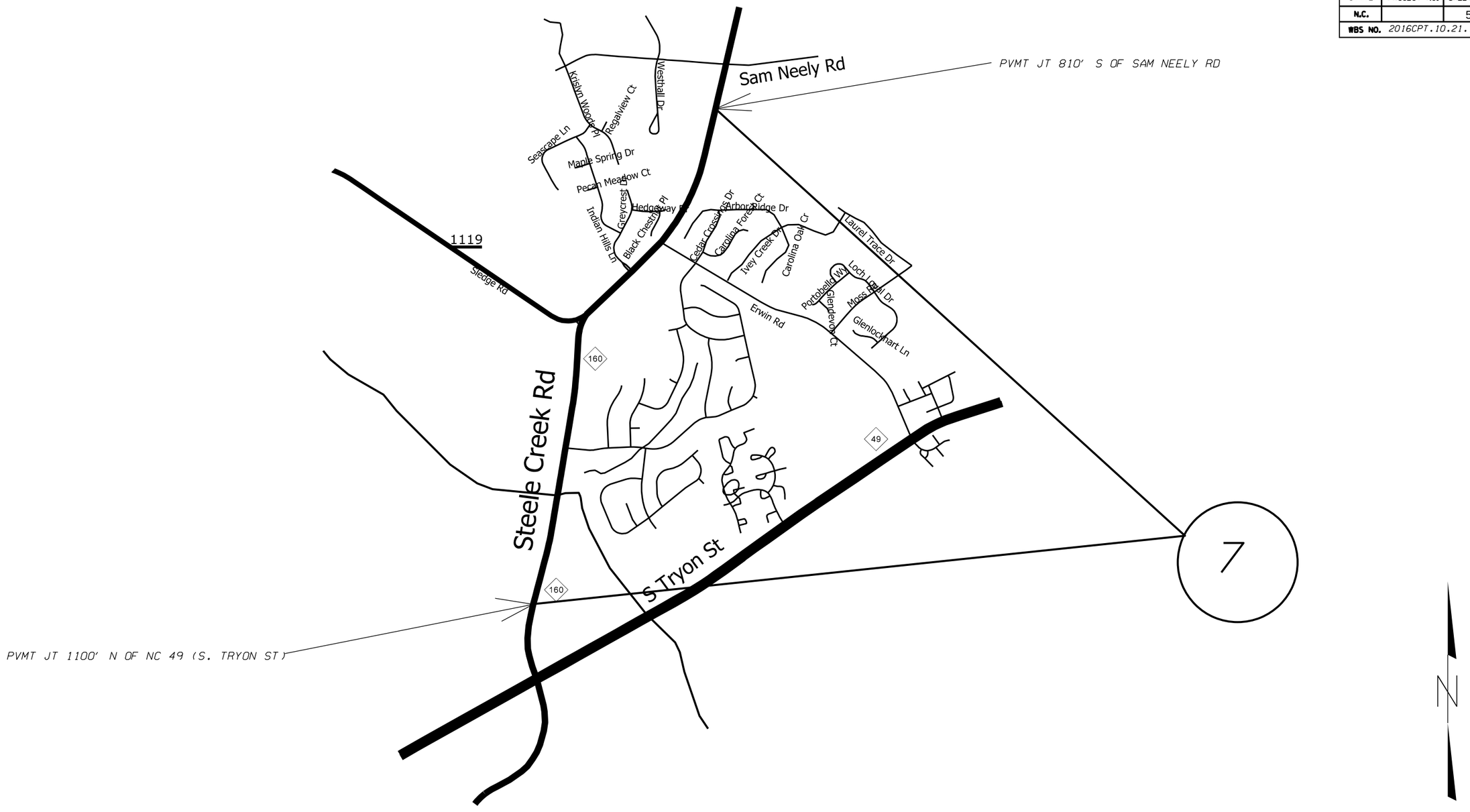
FROM RAILROAD TRACKS TO PVMT. JNT. 570' NORTH OF SAM NEELY RD

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

#7 NC 160 (STEELE CREEK RD)

DESCRIPTION

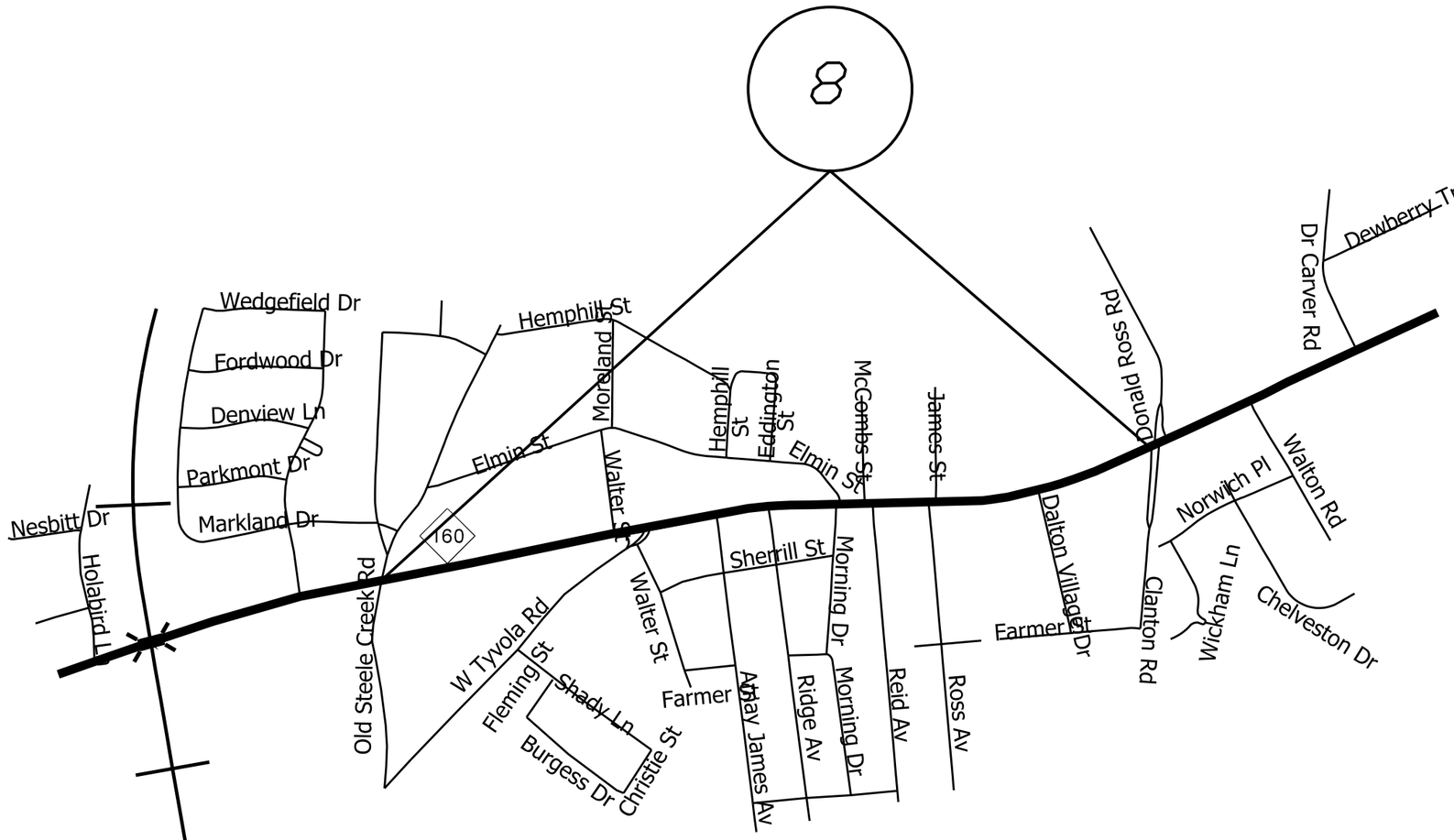
FROM PVMT. JNT. 810' SOUTH OF SAM NEELY RD TO PVMT. JNT. 1100' NORTH OF NC 49 (S. TRYON ST)

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		6	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

#8 NC 160 (WEST BV)

DESCRIPTION

FROM OLD STEELE CREEK RD TO CLANTON RD

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/15
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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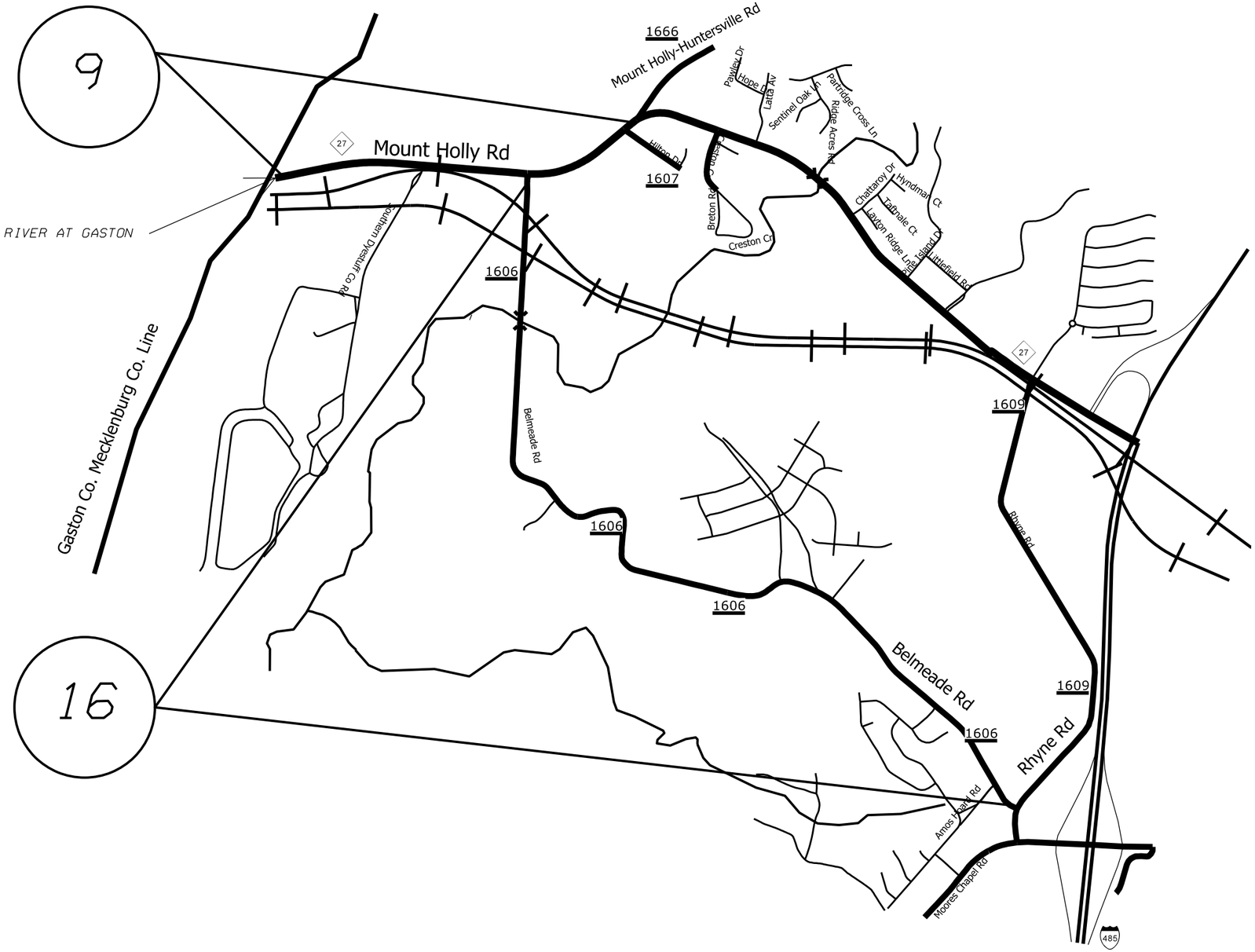


N

MAP	DESCRIPTION
#9 NC 27 (MT HOLLY RD)	FROM SR 1666 MT HOLLY-HUNTERSVILLE RD TO BRIDGE OVER CATAWBA RIVER
#16 SR 1606 (BELMEADE RD)	FROM NC 27 MT HOLLY RD TO SR 1609 (RHYNE RD)

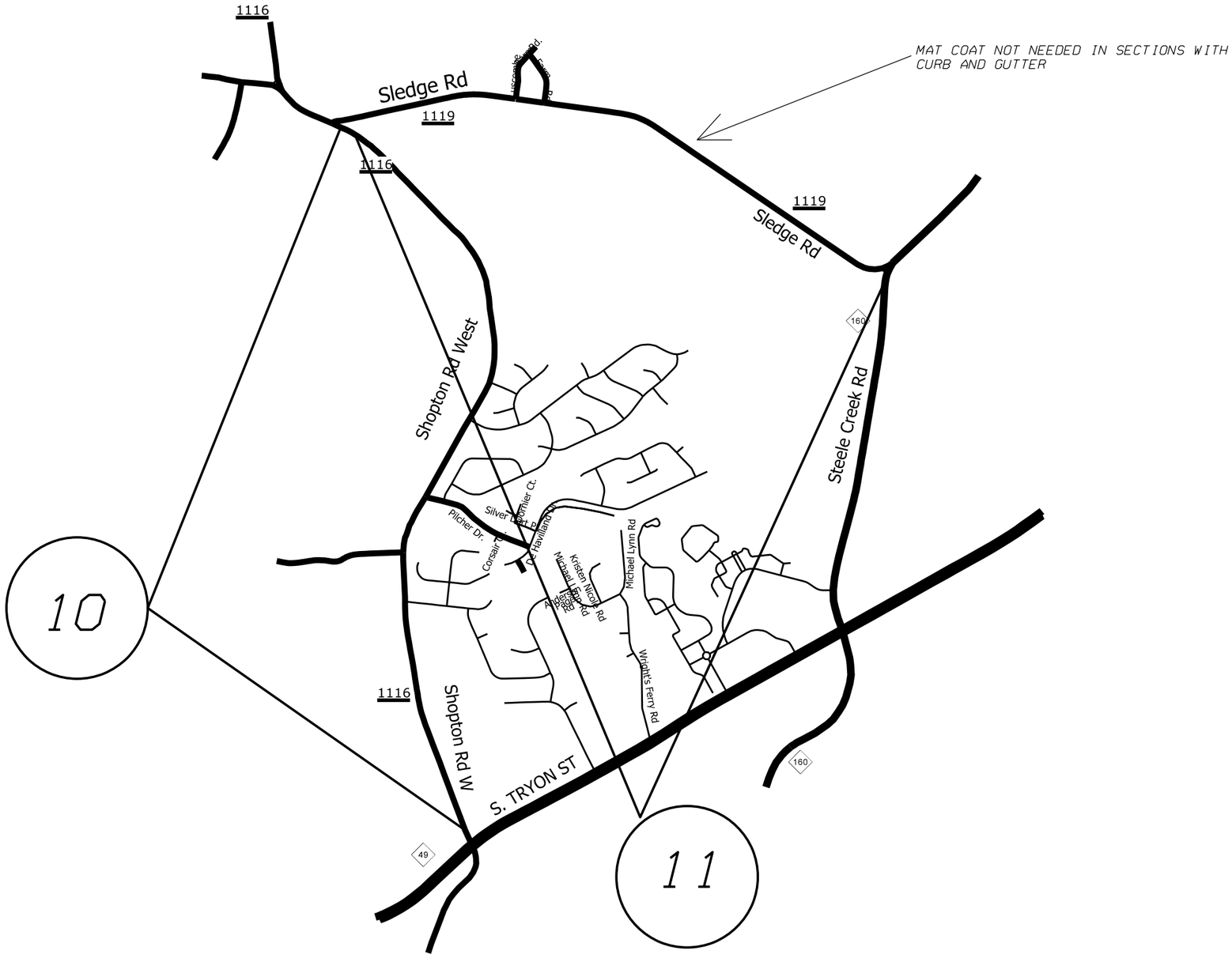
2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

DIVISION OF HIGHWAYS DISTRICT 10

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		8	
WBS NO. 2016CPT.10.21.10601.1, ETC.			



N

MAP

DESCRIPTION

#10 SR 1116 (SHOPTON RD WEST)

FROM SR 1119 (SLEDGE RD) TO NC 49 (S. TRYON ST)

#11 SR 1119 (SLEDGE RD)

FROM NC 160 (STEELE CREEK RD) TO SR 1116 (SHOPTON ROAD WEST)

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

DIVISION OF HIGHWAYS — DISTRICT 7

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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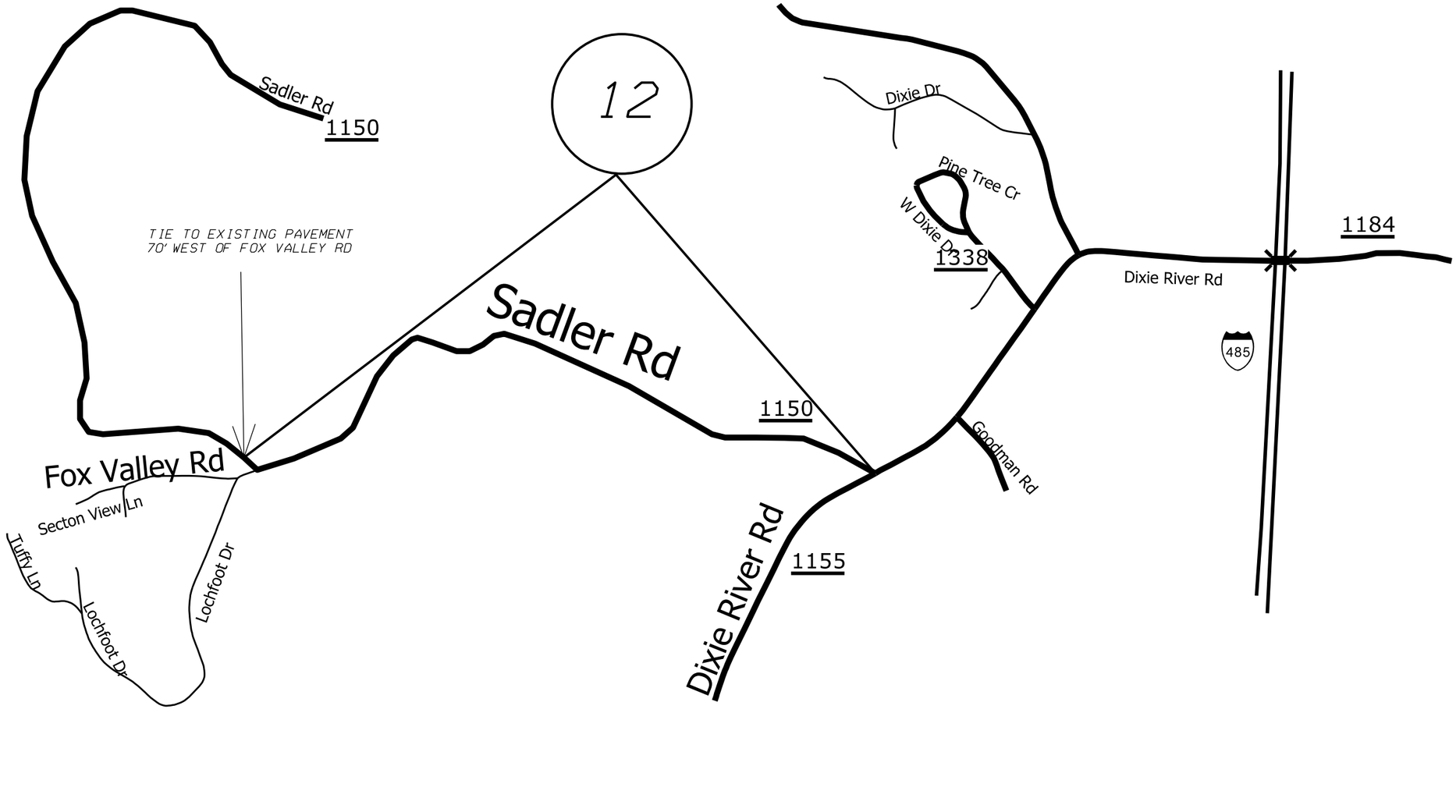

MAP

12 SR 1150 (SADLER RD)

DESCRIPTION

FROM SR 1155 (DIXIE RIVER RD) TO 70' WEST OF FOX VALLEY RD

2016/2017 MECKLENBURG COUNTY RESURFACING

		REVISIONS	
SCALE	-NA-		
DATE	4/16		
DWG. BY	TJP		
DESIGN BY	TJP		
APPROVED	WAT		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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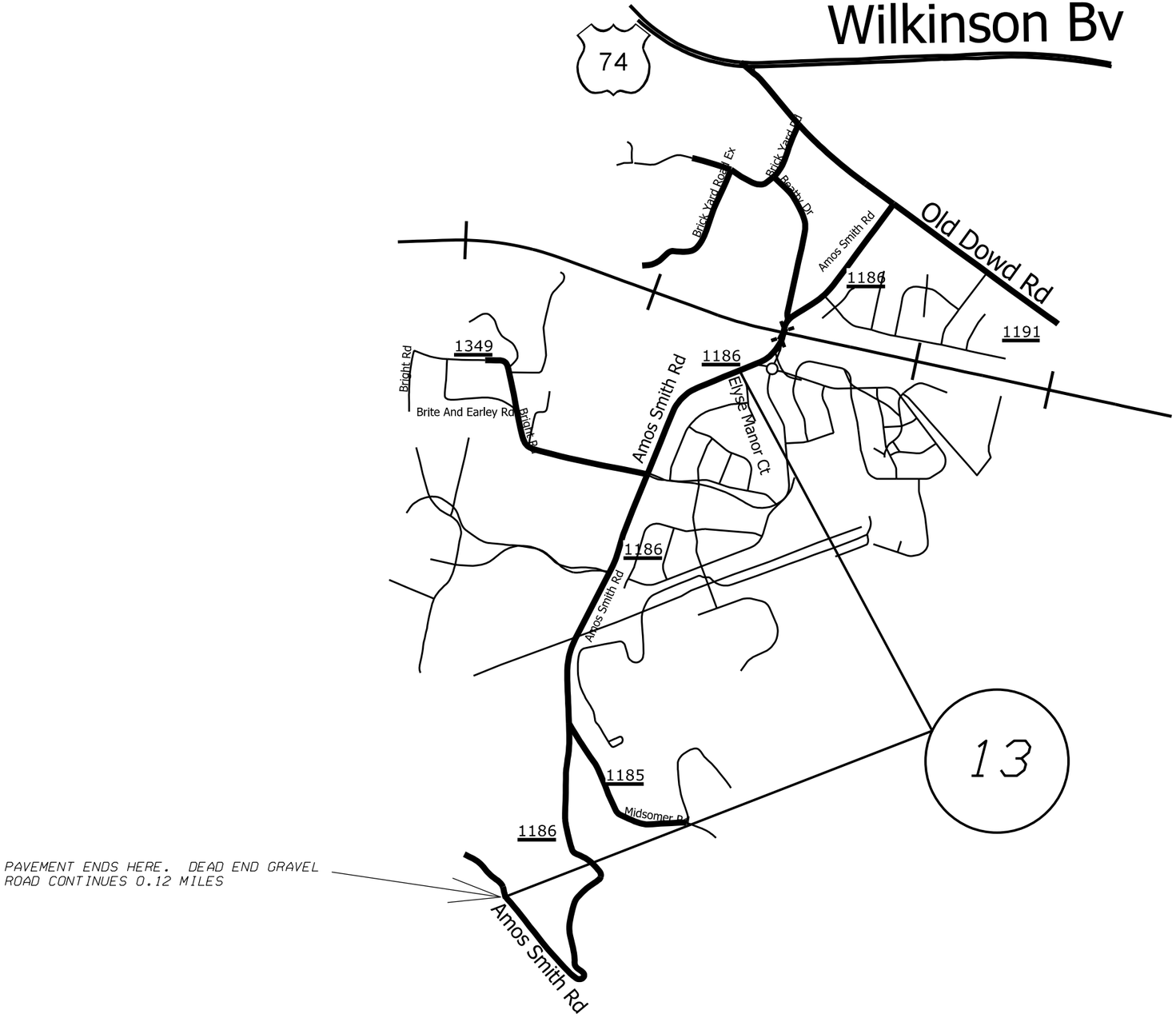
WBS NO.	2016CPT.10.21.10601.1, ETC.		



N

MAP

13 SR 1186 (AMOS SMITH RD)

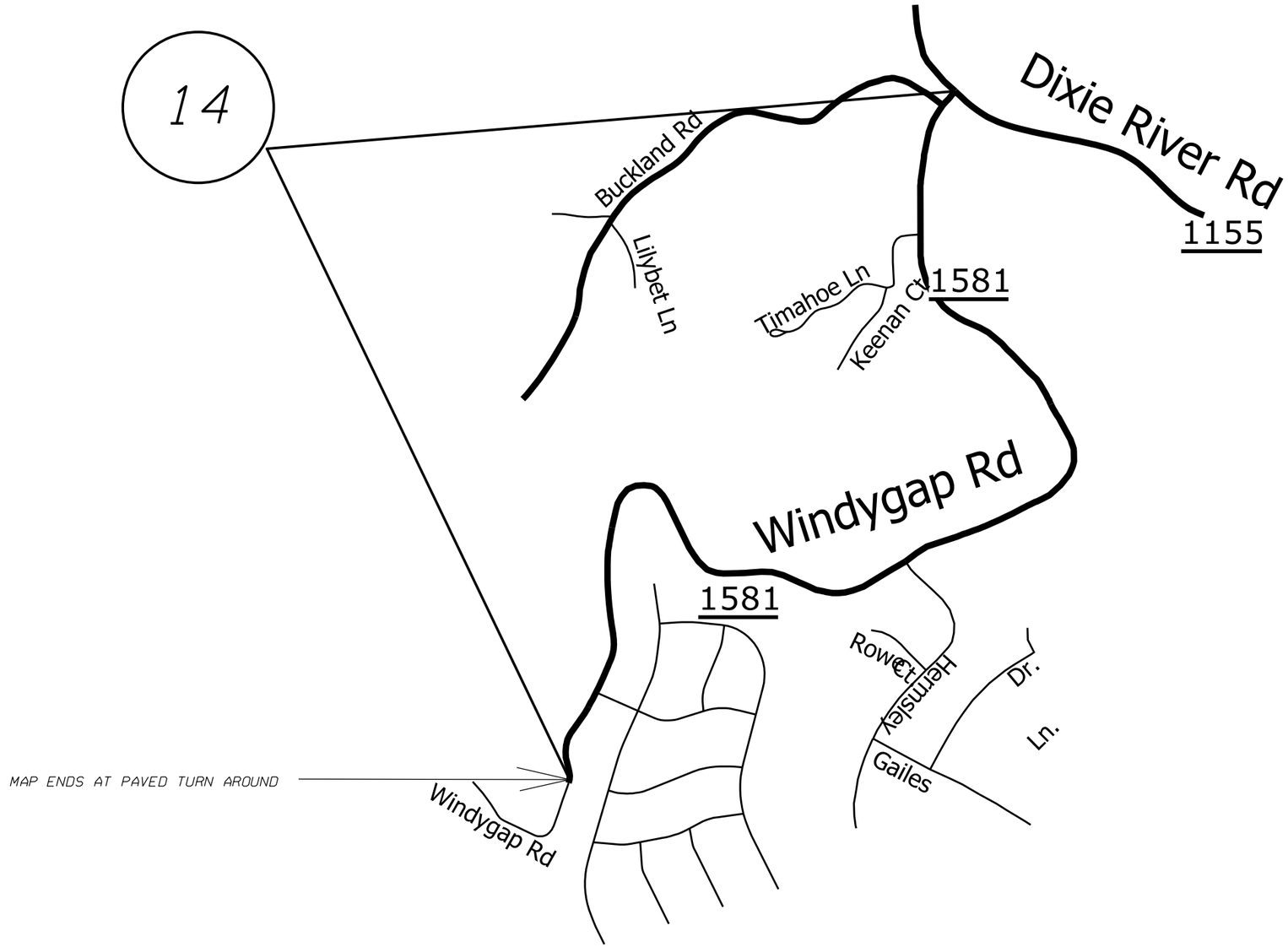
DESCRIPTION

FROM ELYSE MANOR CT TO END OF PAVEMENT

2016/2017 MECKLENBURG COUNTY RESURFACING

		REVISIONS	
SCALE	-NA-		
DATE	3/16		
DWG. BY	TJP		
DESIGN BY	TJP		
APPROVED	XXX		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

14 SR 1581 (WINDYGAP RD)

DESCRIPTION

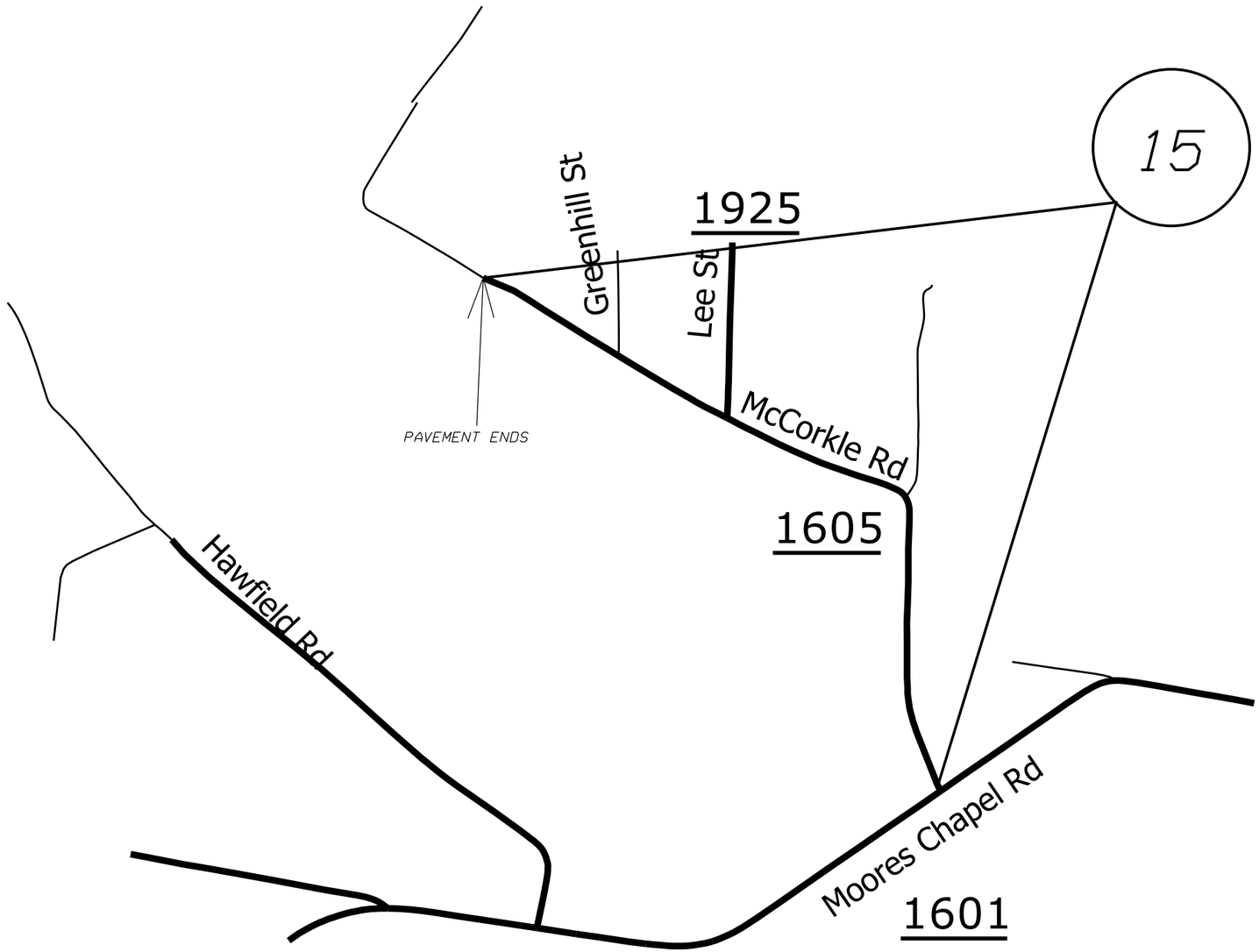
FROM SR 1155 (DIXIE RIVER RD) TO END OF PAVEMENT

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		12	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



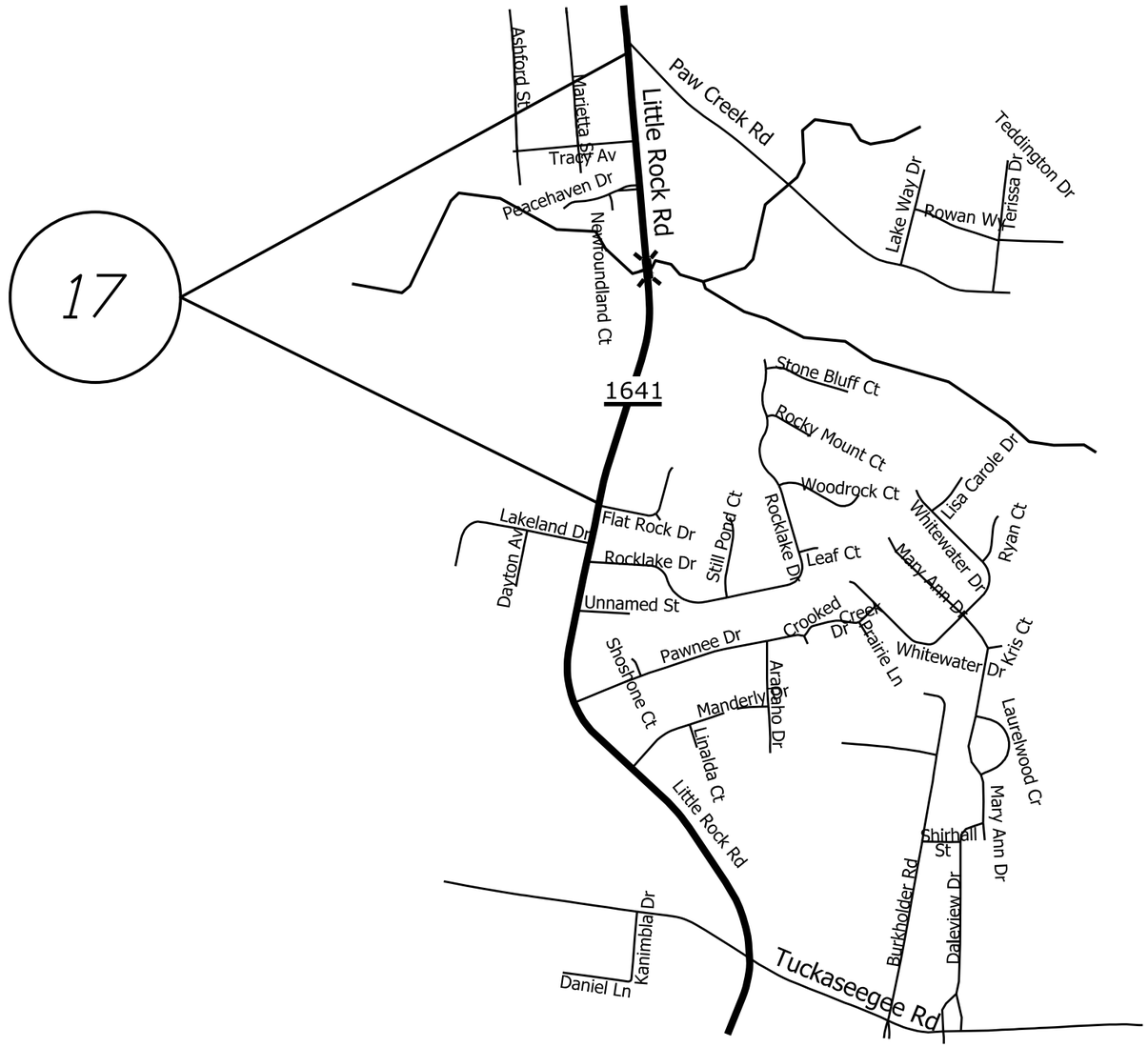
MAP	DESCRIPTION
#15 SR 1605 (MCCORKLE RD)	FROM SR 1601 (MOORES CHAPEL RD) TO END OF PAVEMENT

2016/2017 MECKLENBURG COUNTY
RESURFACING

		REVISIONS	
SCALE	-NA-		
DATE	3/16		
DWG. BY	TJP		
DESIGN BY	TJP		
APPROVED	XXX		

DIVISION OF HIGHWAYS
STATE OF SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DISTRICT 2

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

17 SR 1641 (LITTLE ROCK RD)

DESCRIPTION

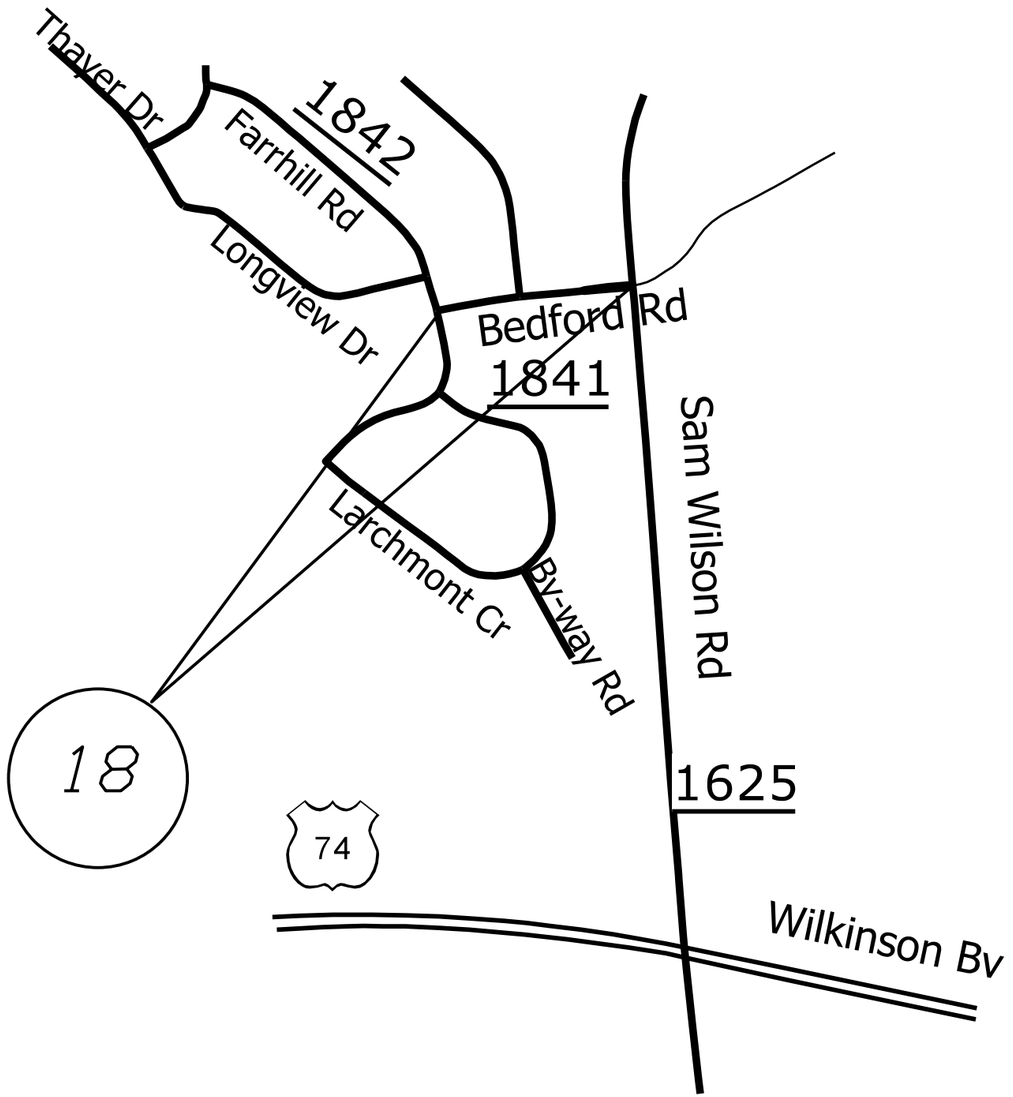
FROM FLAT ROCK DR TO PAW CREEK RD

2016/2017 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		14	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

18 SR 1841 (BEDFORD RD)

DESCRIPTION

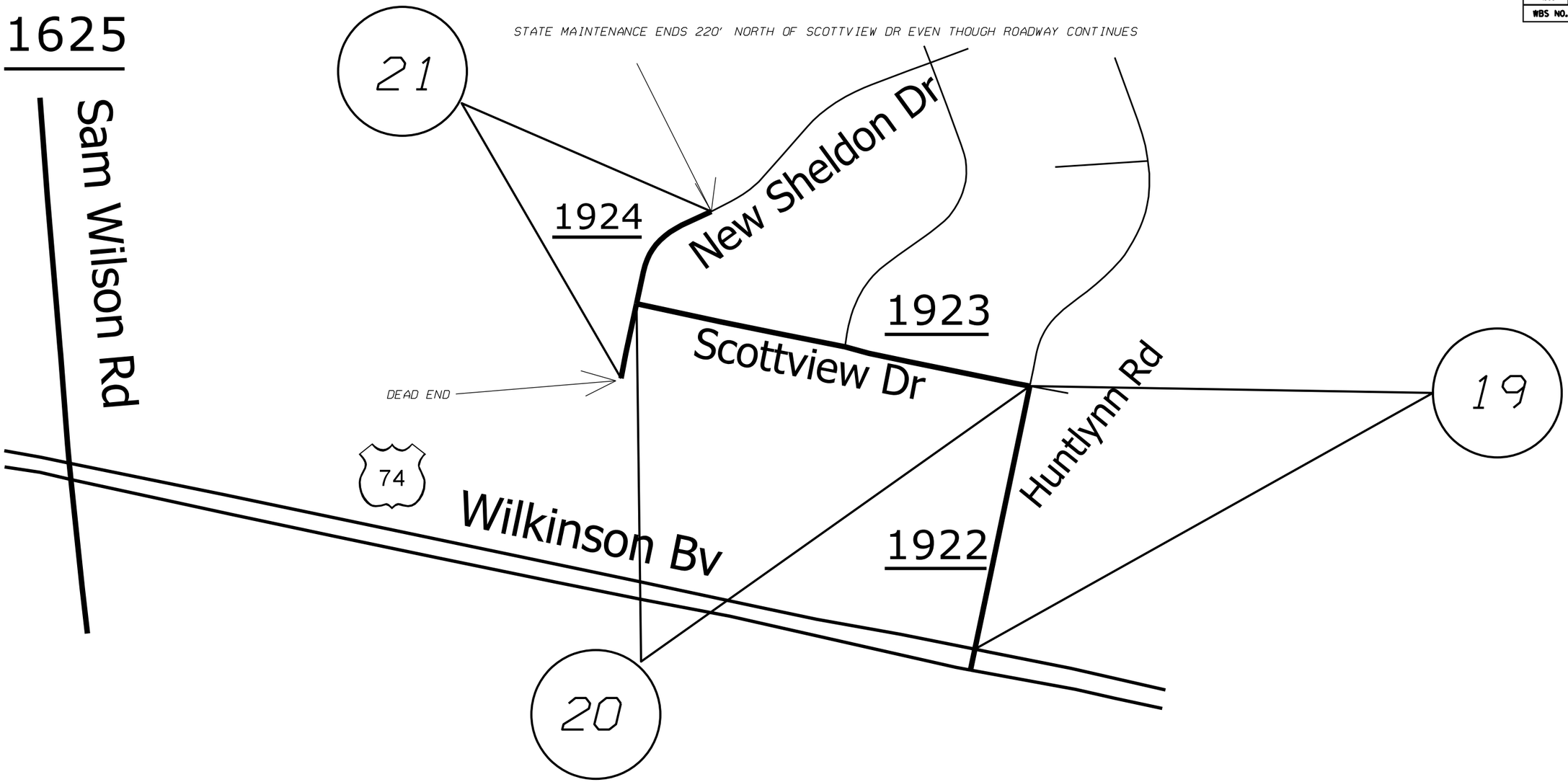
FROM SR 1625 (SAM WILSON RD) TO SR 1842 (FARRHILL RD)

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		15	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



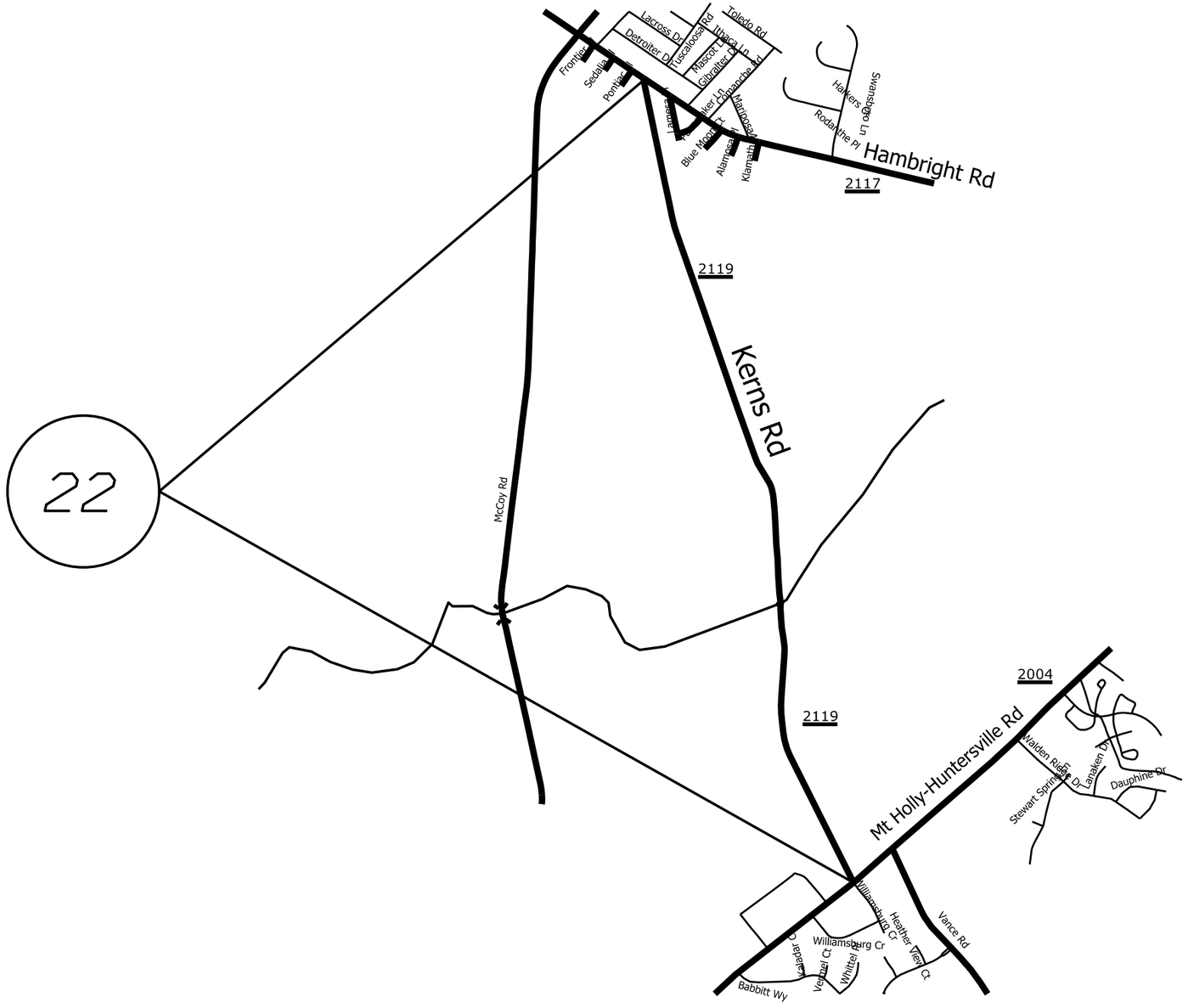
MAP	DESCRIPTION
#19 SR 1922 (HUNTLYNN RD)	FROM US 74 (WILKINSON BV) TO SR 1923 (SCOTTVIEW DR)
#20 SR 1923 (SCOTTVIEW DR)	FROM NEW SHELDON DR TO HUNTLYNN RD
#21 SR 1924 (NEW SHELDON DR)	FROM DEAD END SOUTH OF SCOTTVIEW DR TO END OF MAINTENANCE 220' NORTH OF SCOTTVIEW DR

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		16	
WBS NO.	2016CPT.10.21.10601.1, ETC.		



MAP

#22 SR 2119 (KERNS RD)

DESCRIPTION

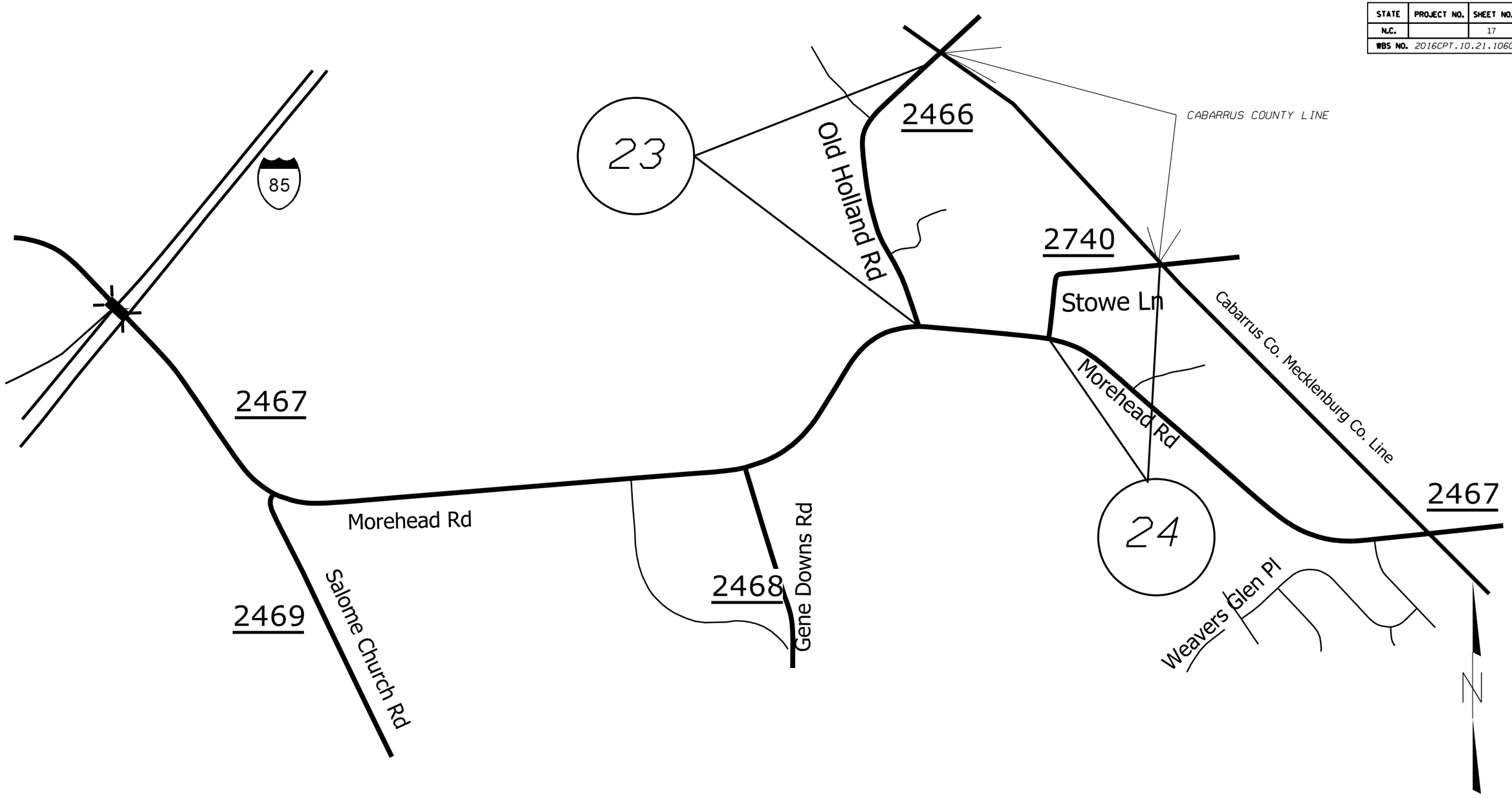
FROM SR 2117 (HAMBRIGHT RD) TO SR 2004 (MT HOLLY-HUNTERSVILLE RD)

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		17	
WBS NO. 2016CPT.10.21.10601.1, ETC.			



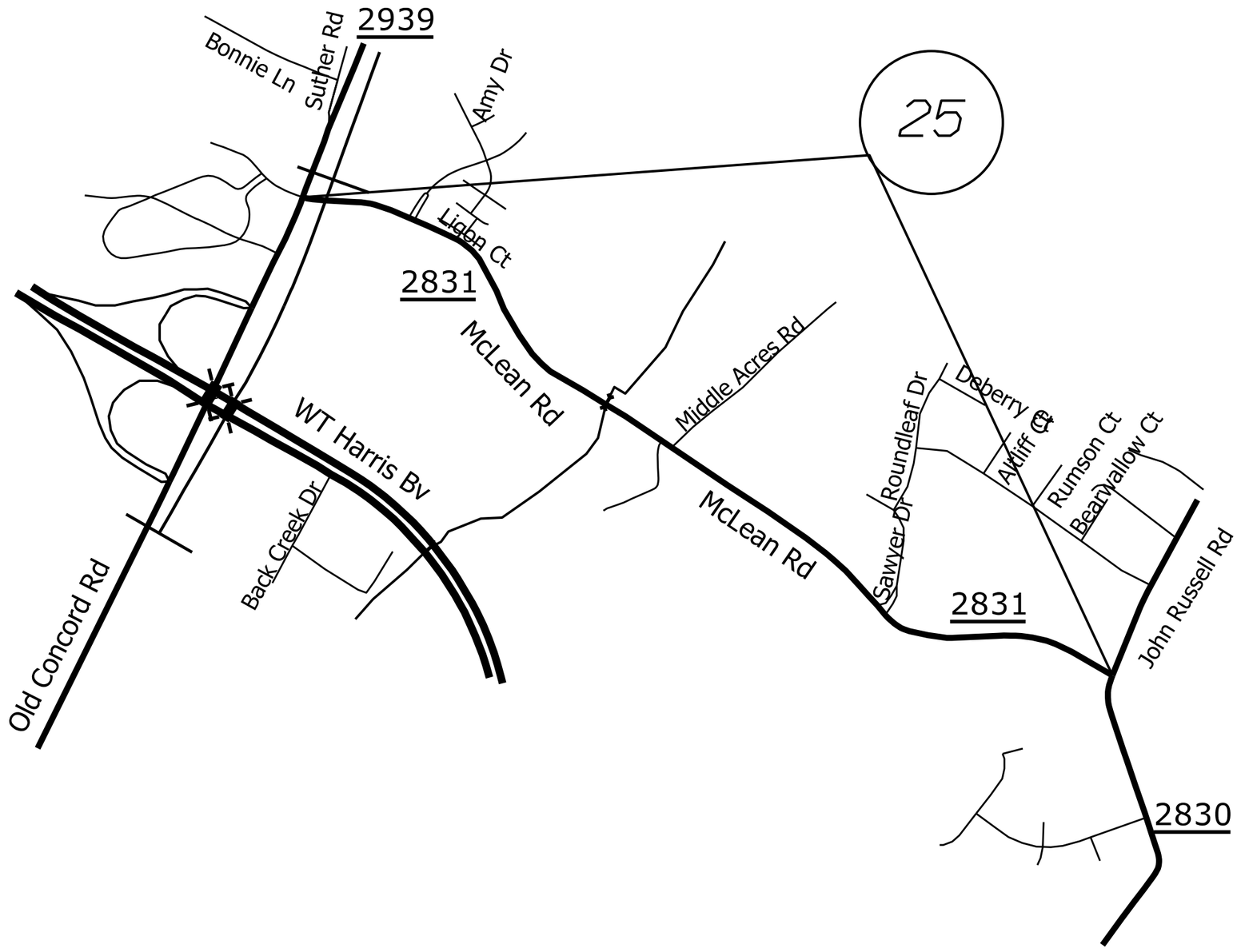
MAP	DESCRIPTION
#23 SR 2466 (OLD HOLLAND RD)	FROM SR 2467 (MOREHEAD RD) TO CABARRUS COUNTY LINE
#24 SR 2740 (STOWE LN)	FROM SR 2467 (MOREHEAD RD) TO CABARRUS COUNTY LINE

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		18	
WBS NO. 2016CPT.10.21.10601.1, ETC.			



MAP

#25 SR 2831 (MCLEAN RD)

DESCRIPTION

FROM SR 2939 OLD CONCORD RD TO SR 2830 JOHN RUSSELL RD

2016/2017 MECKLENBURG COUNTY RESURFACING

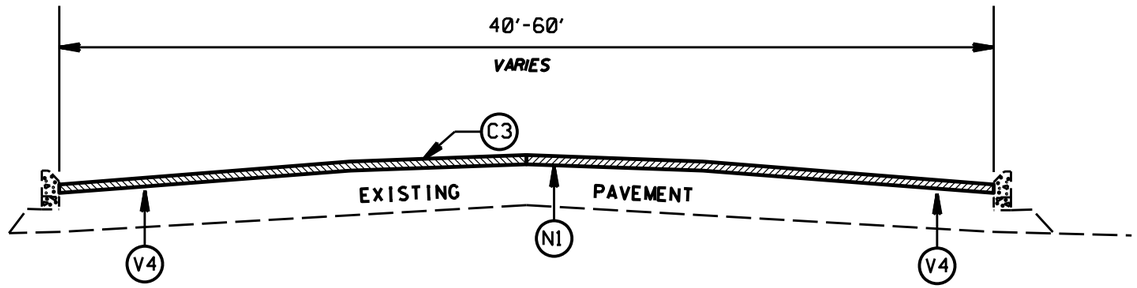
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

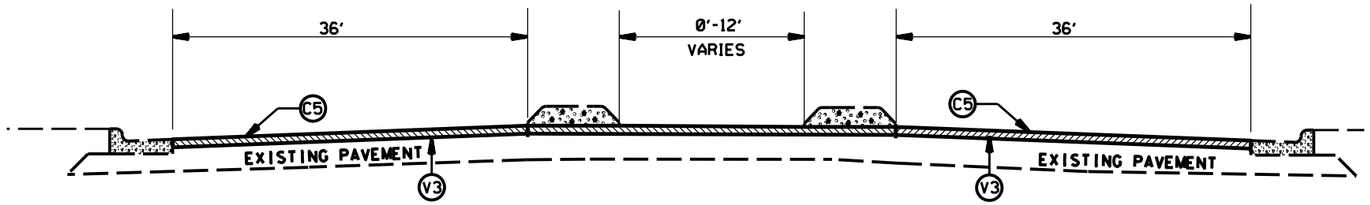
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		19	
WBS NO.	2016CPTJO.22.J0601.2, ETC.		

PAVEMENT SCHEDULE

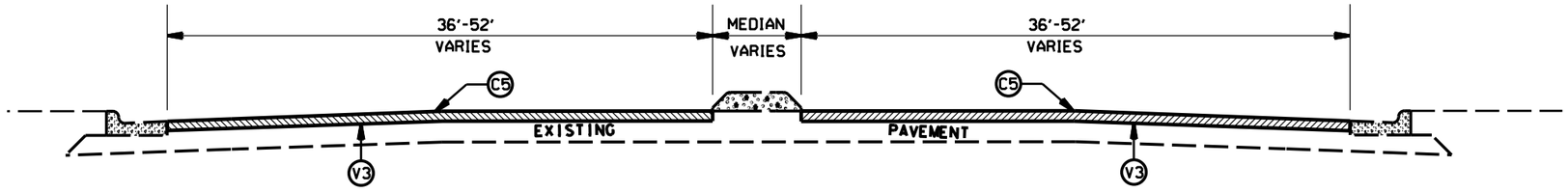
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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. 1

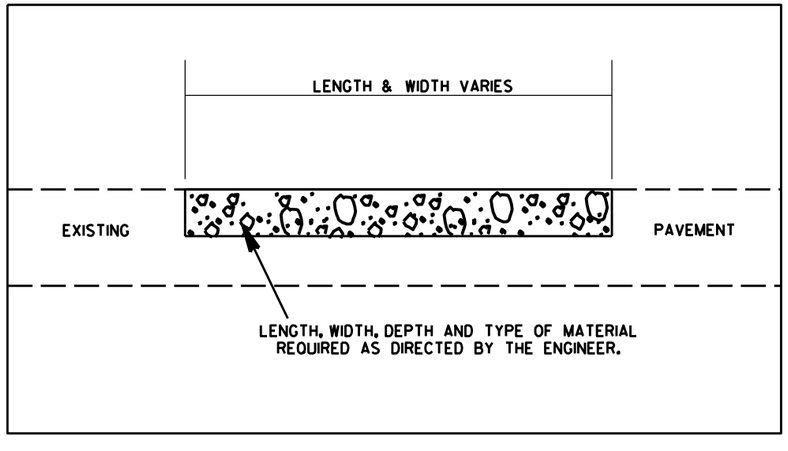


TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 3

PATCHING DETAIL



2016/2017 MECKLENBURG COUNTY
RESURFACING

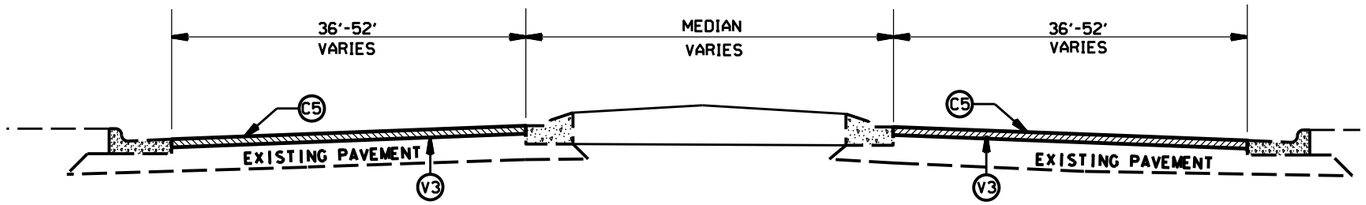
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

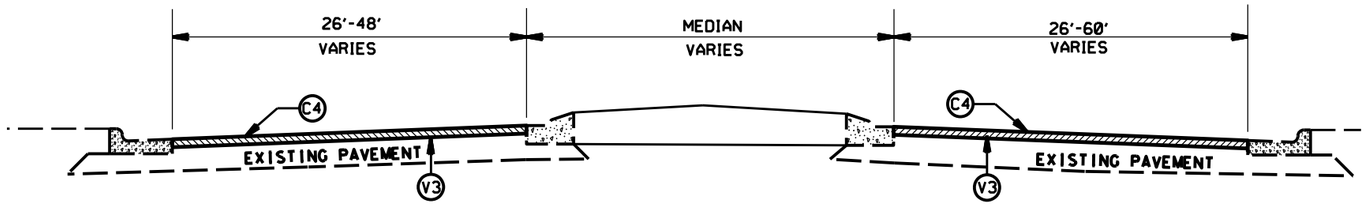
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		20	
WBS NO.	2016CPTJ0.22J0601.2, ETC.		

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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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



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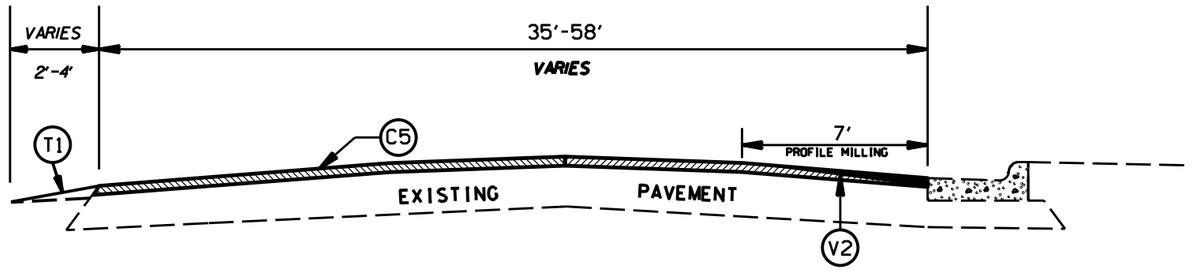


TYPICAL SECTION NO. 6

GENERAL NOTES FOR ALL MAPS AND TYPICALS:

1. PAVE TO BACK OF RADIUS ON STATE MAINTAINED SIDE ROADS OR AS DIRECTED BY ENGINEER.
2. PAVE MINIMUM OF 2'BACK ON ALL SIDE ROADS NOT STATE MAINTAINED OR AS DIRECTED BY ENGINEER.
3. PROVIDE PAPER TAPER JOINT AT MILLED BUTT JOINTS OF AT LEAST 3' LENGTH PER 1.5" DEPTH OF MILL.

2016/2017 MECKLENBURG COUNTY RESURFACING

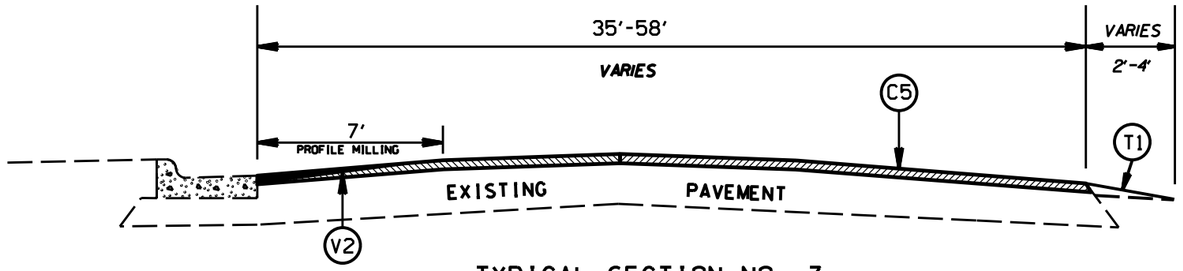
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

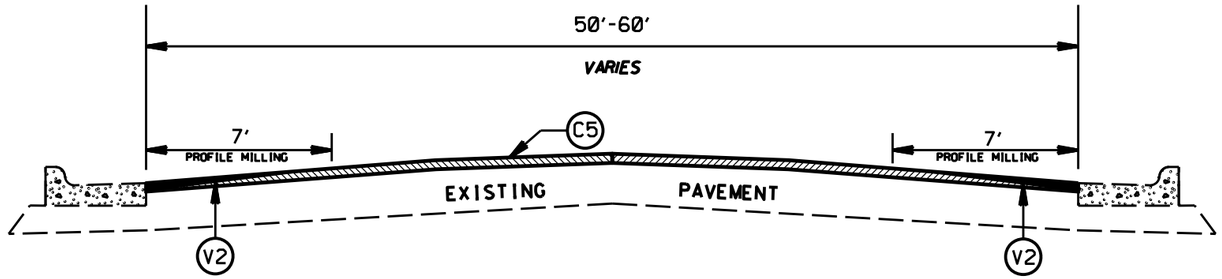
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		21	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

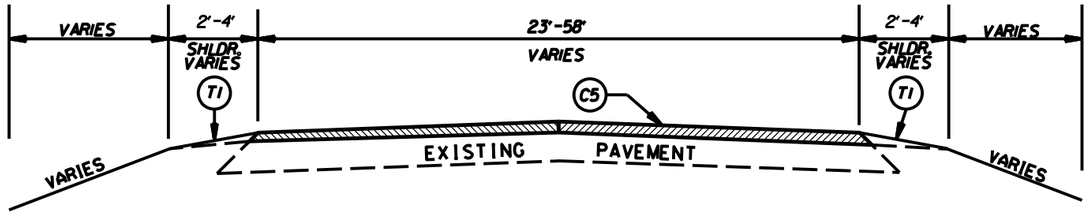
C1	PROP. APPROX. 1.0″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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



TYPICAL SECTION NO. 9

2016/2017 MECKLENBURG COUNTY RESURFACING

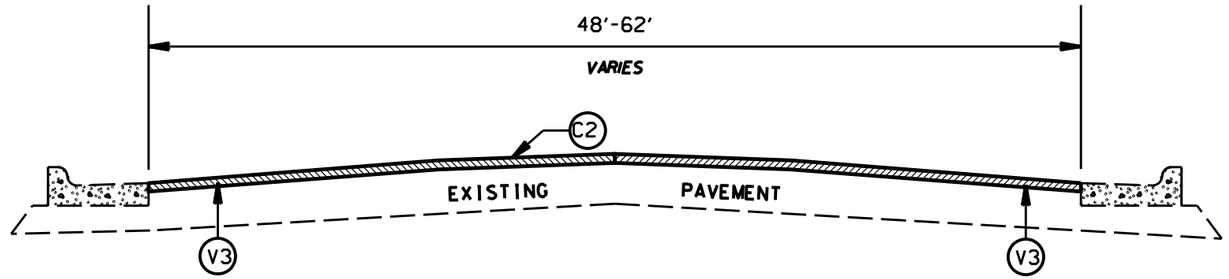
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		22	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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



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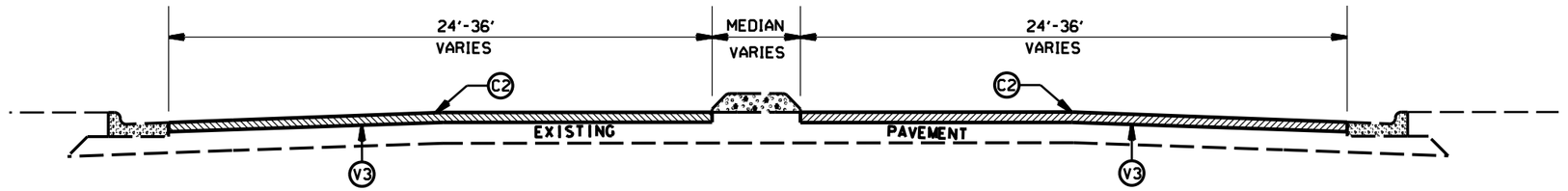

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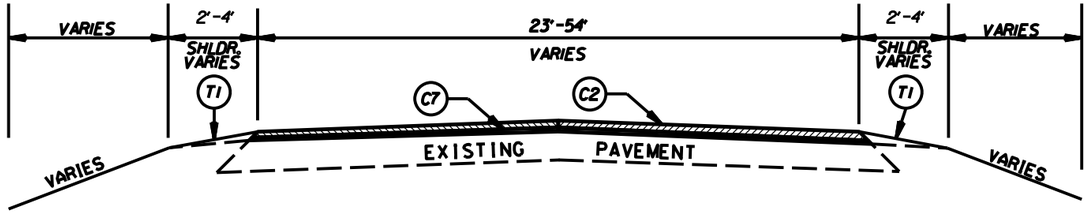


TYPICAL SECTION NO. 12

2016/2017 MECKLENBURG COUNTY RESURFACING

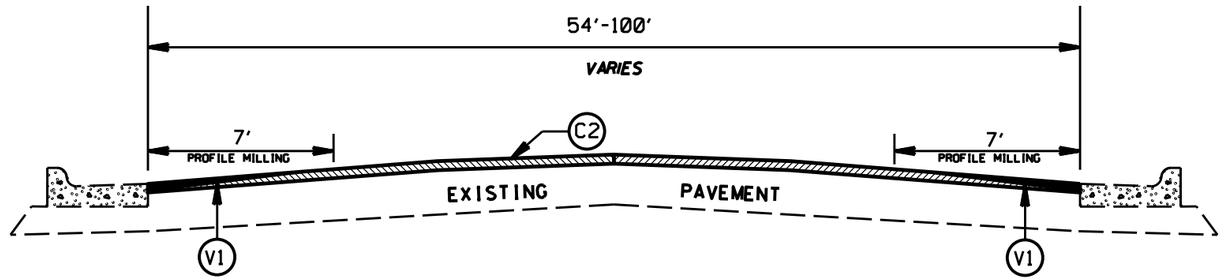
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

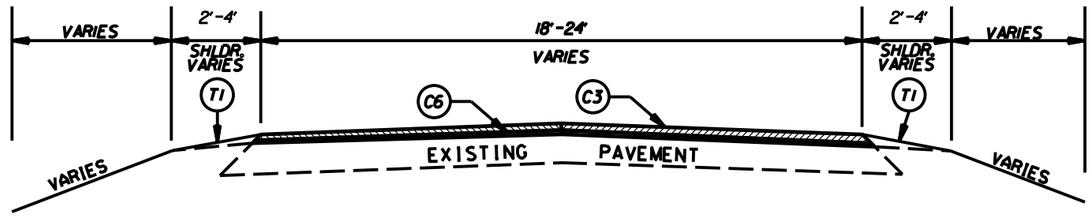
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		23	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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



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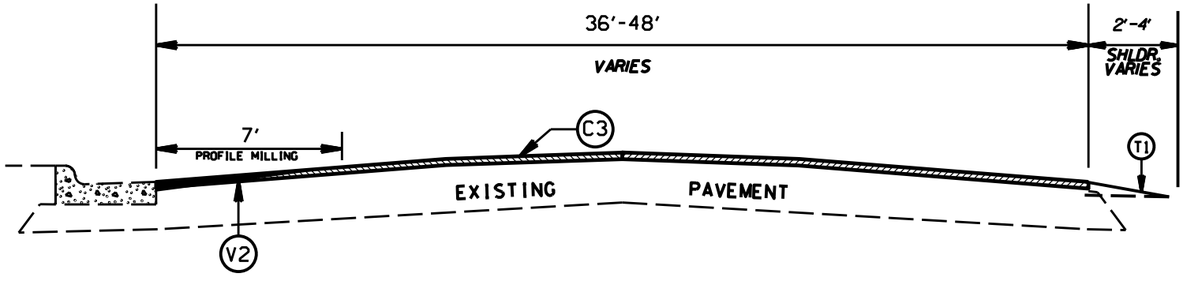


TYPICAL SECTION NO. 15

2016/2017 MECKLENBURG COUNTY
RESURFACING

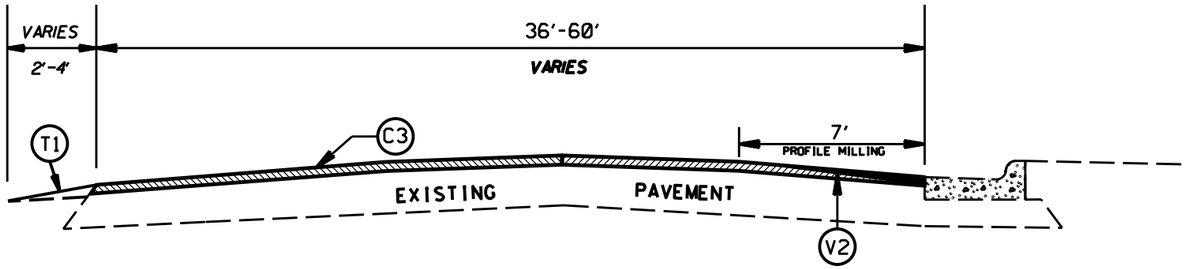
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

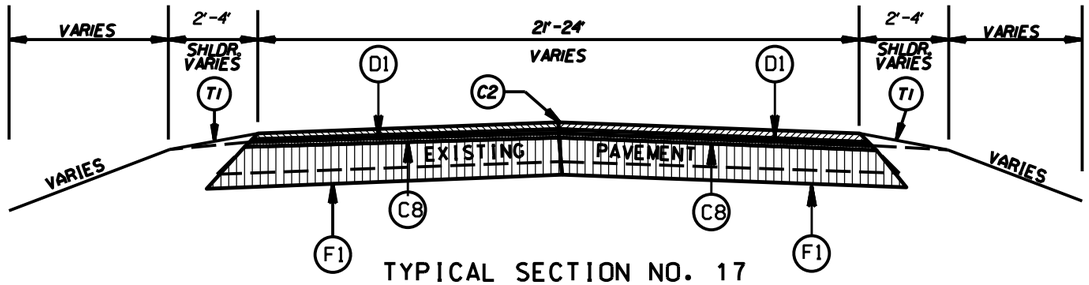
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		24	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

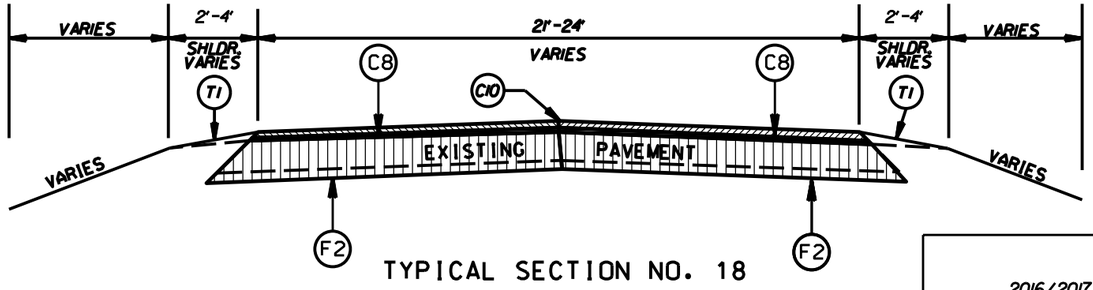
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
C10	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF 2 LAYERS
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"



TYPICAL SECTION NO. 16



TYPICAL SECTION NO. 17



TYPICAL SECTION NO. 18

2016/2017 MECKLENBURG COUNTY RESURFACING

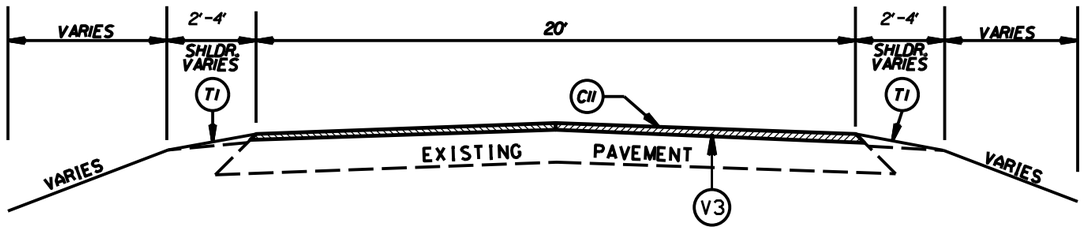
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		25	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
C11	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.5"
V2	PROFILE MILLING 0" TO 2.0"
V3	MILLING 1.5" DEPTH



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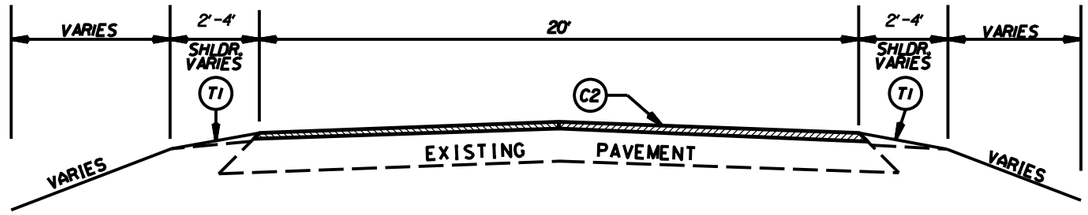
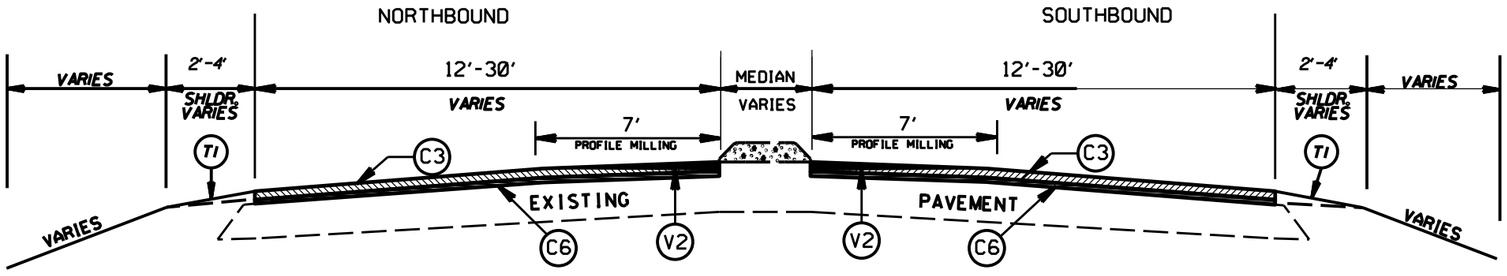


TYPICAL SECTION NO. 20



TYPICAL SECTION NO. 21

2016/2017 MECKLENBURG COUNTY RESURFACING

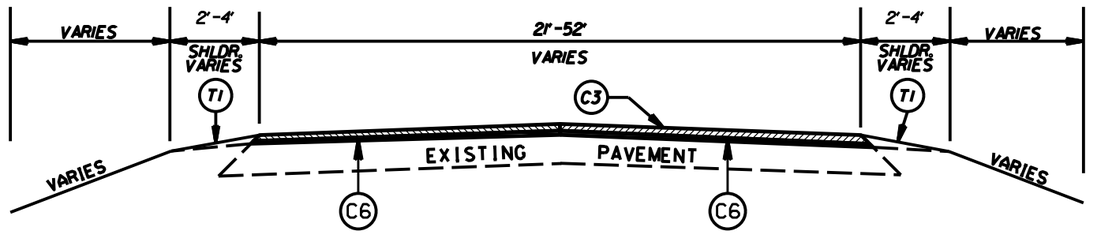
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

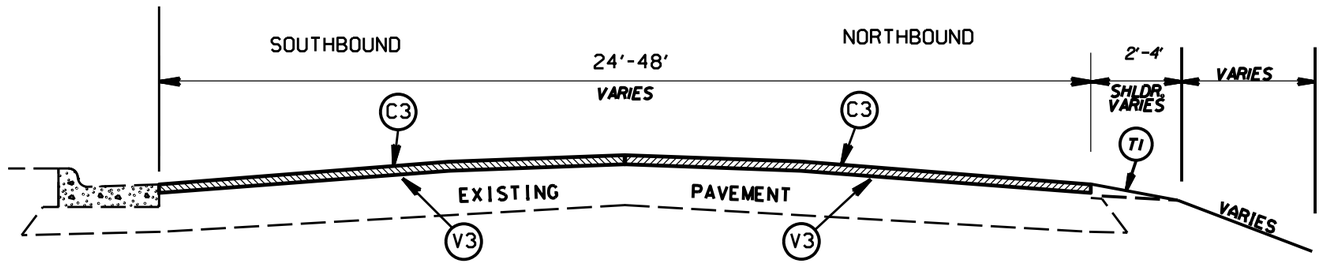
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		26	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

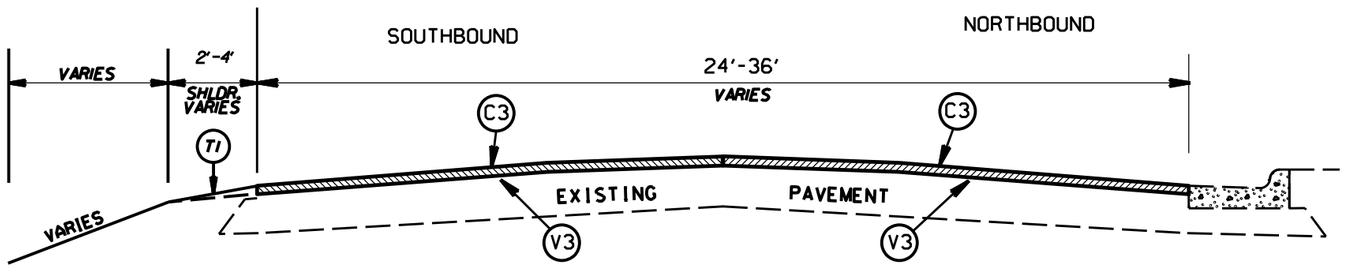
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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. 22



TYPICAL SECTION NO. 23



TYPICAL SECTION NO. 24

2016/2017 MECKLENBURG COUNTY RESURFACING

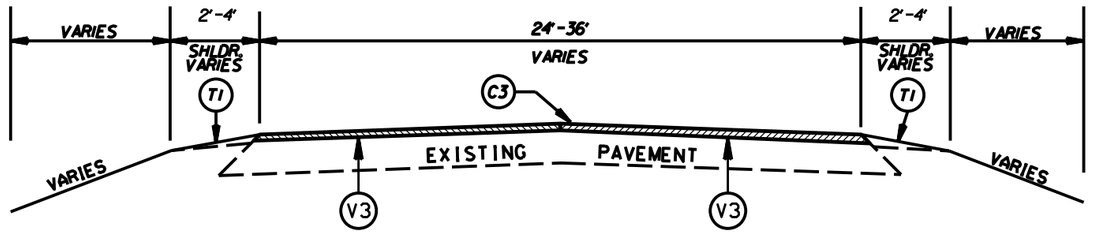
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

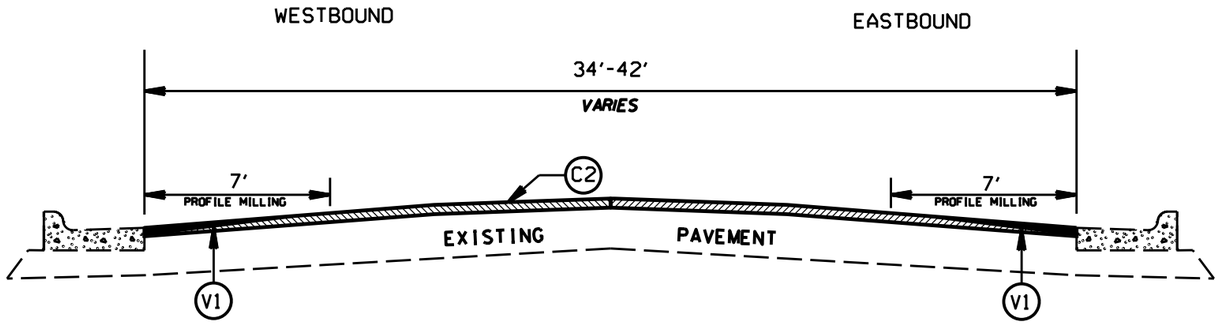
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		27	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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



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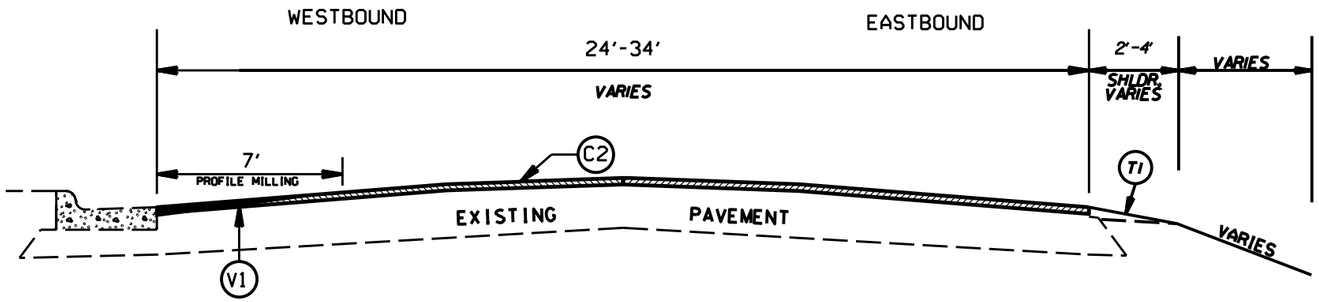


TYPICAL SECTION NO. 27

2016/2017 MECKLENBURG COUNTY RESURFACING

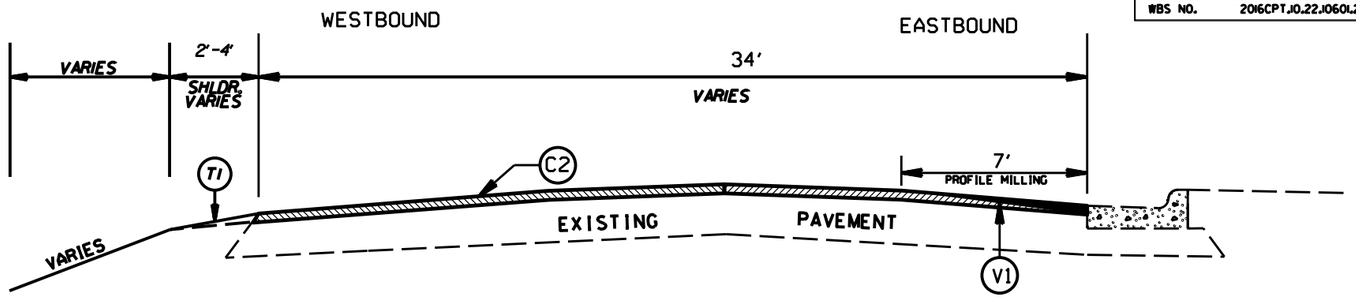
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

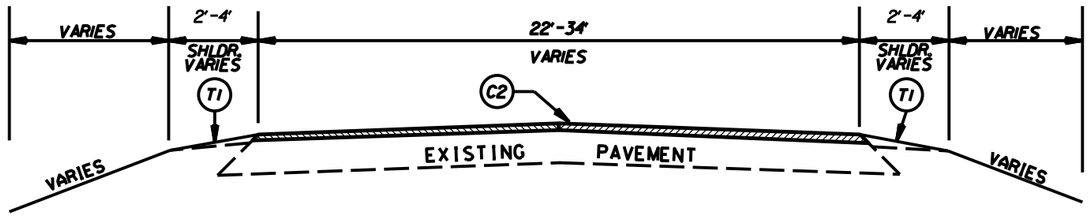
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		28	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

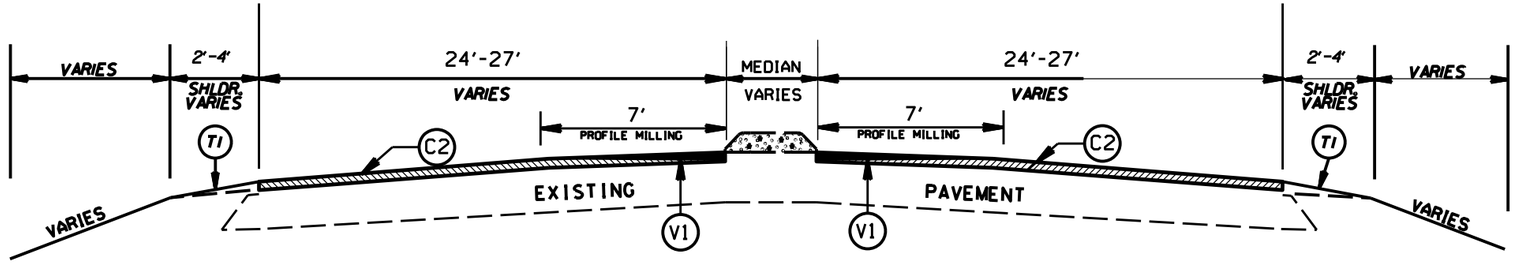
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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. 28



TYPICAL SECTION NO. 29



TYPICAL SECTION NO. 30

2016/2017 MECKLENBURG COUNTY RESURFACING

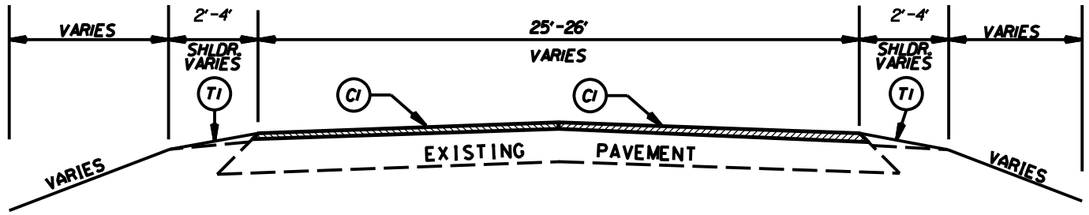
SCALE	-NA-
DATE	4/15
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

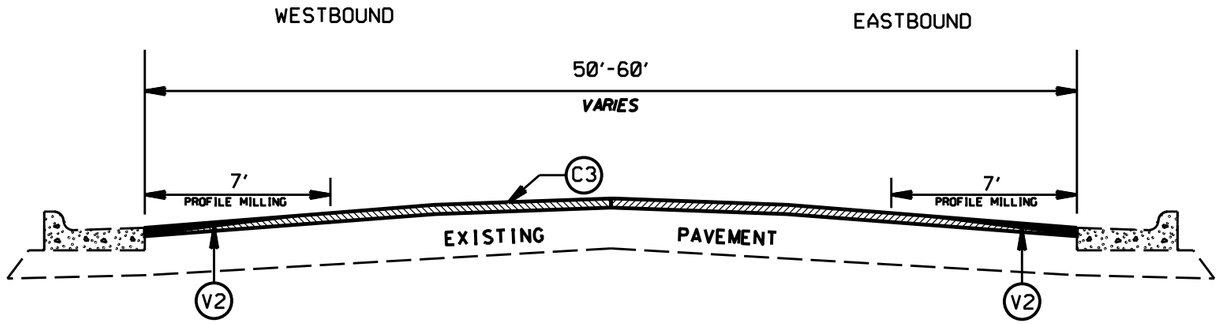
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		29	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

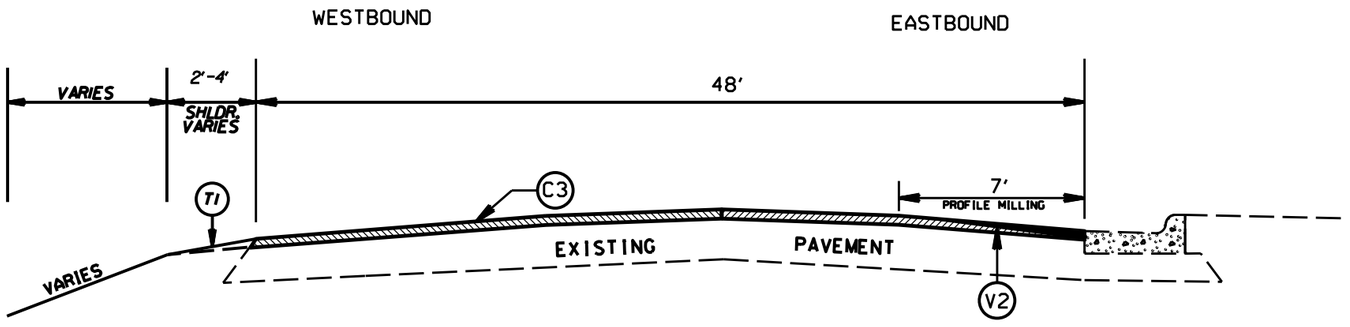
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F1	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 77 LBS/SY
F2	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 53 LBS/SY
N1	PAVEMENT INTERLAYER
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. 31



TYPICAL SECTION NO. 32



TYPICAL SECTION NO. 33

2016/2017 MECKLENBURG COUNTY RESURFACING

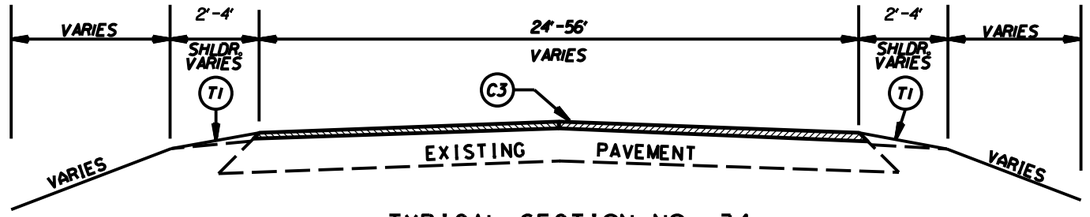
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

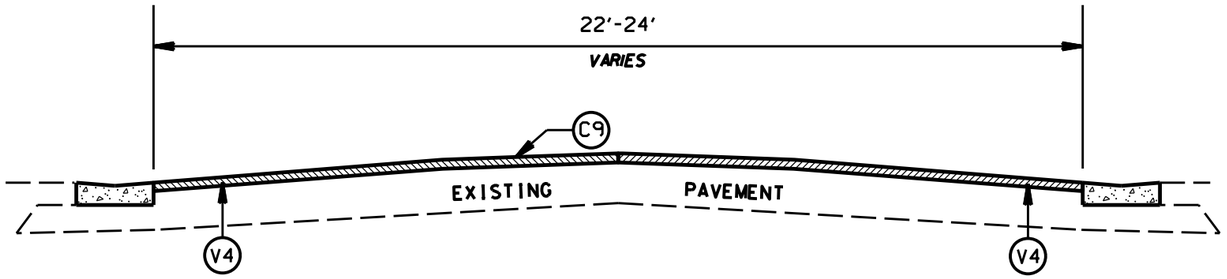
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		30	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

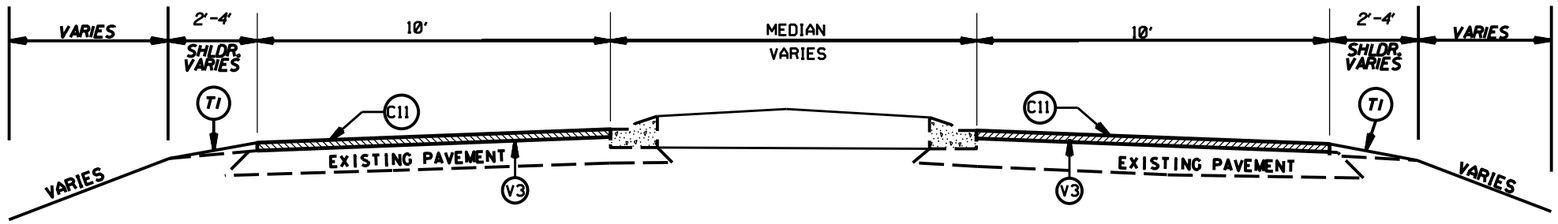
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
C11	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 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. 34



TYPICAL SECTION NO. 35



TYPICAL SECTION NO. 36

2016/2017 MECKLENBURG COUNTY RESURFACING

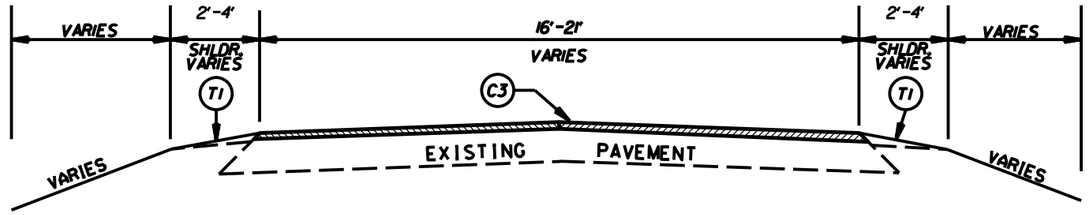
SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

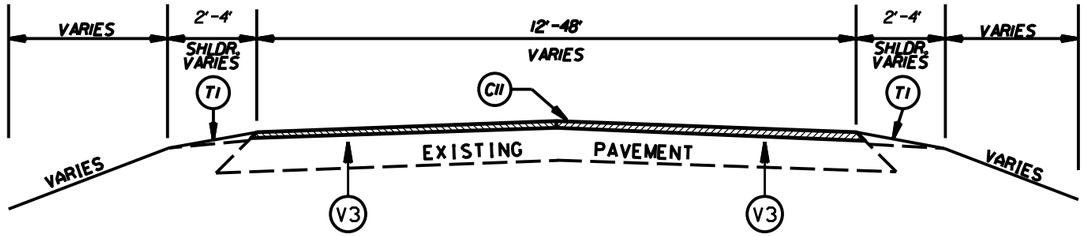
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		31	
WBS NO.	2016CPT.10.22.10601.2, ETC.		

PAVEMENT SCHEDULE

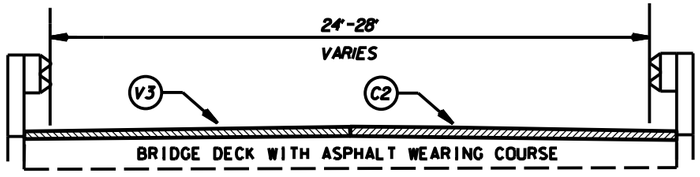
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE 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. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 38 LBS. PER SQ. YD. (STONE) AND 0.40 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C7	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #78M, AT AN AVERAGE RATE OF 18 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, TRIPLE SEAL; BOTTOM LAYER #78M 18 LBS/SY, 0.30 GALS./SY; MIDDLE LAYER #78M STONE AT 15 LBS/SY, 0.24 GALS./SY; TOP LAYER #14 STONE AT 10 LBS./SY, 0.25 GALS./SY
C9	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
C11	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 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



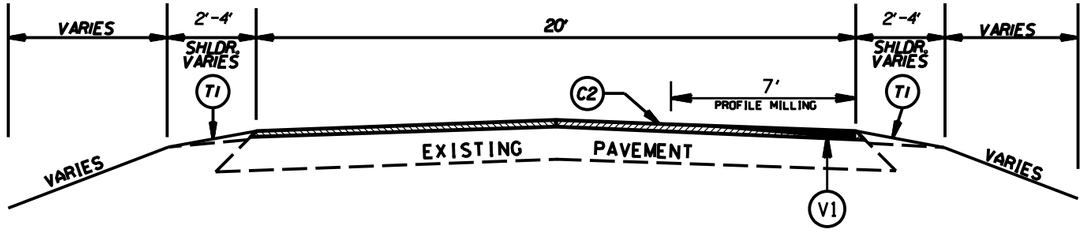
TYPICAL SECTION NO. 37



TYPICAL SECTION NO. 38



TYPICAL SECTION NO. 39



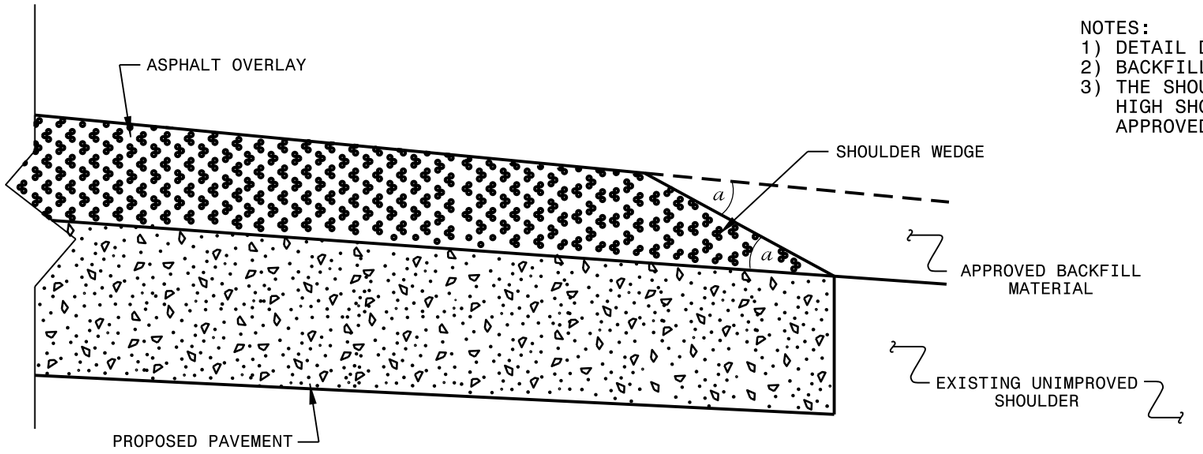
TYPICAL SECTION NO. 40

2016/2017 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-
DATE	4/16
DWG. BY	TJP
DESIGN BY	TJP
APPROVED	WAT

REVISIONS	

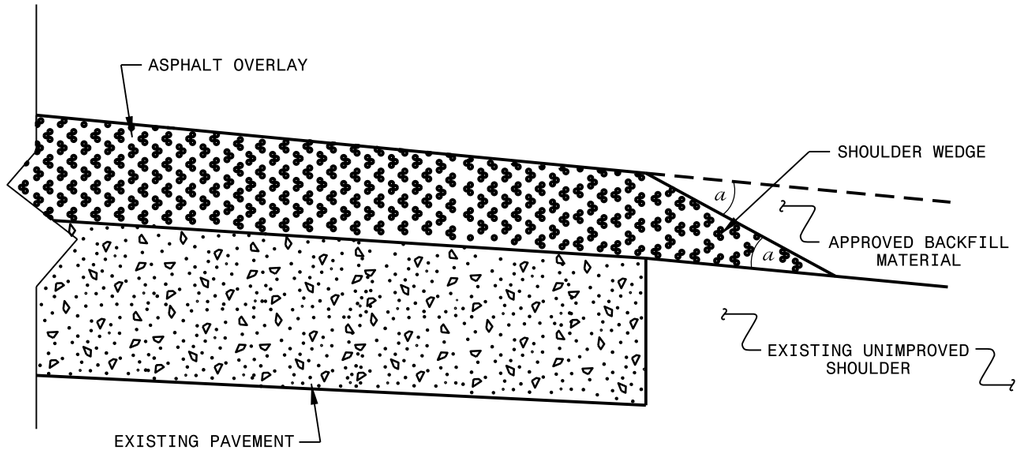
PROJECT REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.1, Etc.	32



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, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.

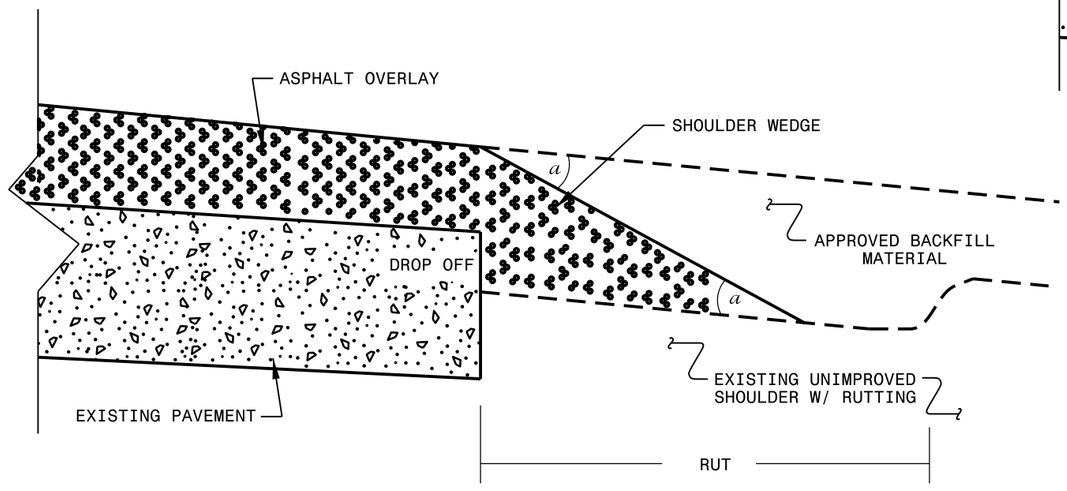
SHOULDER WEDGE DETAIL

(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.:	$:usr/details/stand/shoulderwedgedetail.dgn		

09-MAY-2016 12:25
S:\Contracts\Resurfacing Projects\Shoulder Wedge Details\Revised Shoulder Wedge Detail.dgn
$$$$USERNAME$$$$

PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.10.21.10601.1, ETC.	33	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW CY	SOIL CEMENT BASE FULL DEPTH RECLAMATION SY	PORTLAND CEMENT FOR SOIL CEMENT BASE TONS	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	2" MILLING SY	1½" MILLING SY	0" TO 2" MILLING SY	0" TO 1.5" MILLING SY	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	LEVELING COURSE, S9.5C TONS	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TON	AST MAT COAT #67 SY	AST MAT COAT #78M SY	AST TRIPLE SEAL SY	EMULSION FOR AST GAL	PAVEMENT INTERLAYER SY	RETROFIT EXISTING CURB RAMP EA	6" DRIVEWAYS SY	ADJ. OF CATCH BASIN EA	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMPORARY SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLYACRYLAMIDE (PAM) LB
2016CPT.10.21.10601.1	Mecklenburg	1	US 29 W. MOREHEAD ST.	FROM WILKINSON BV TO FREEDOM DR	1	4	MU	NO	NO	0.78	40.3						18,443						2,264					136	66					18,500.00	5		5	15	2		117	16	8	24	1
TOTAL FOR MAP NO. 1										**0.78**							**18,443**						**2,264**					**136**	**66**					**18,500.00**	**5**		**5**	**15**	**2**		**117**	**16**	**8**	**24**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.1										**0.78**							**18,443**						**2,264**					**136**	**66**					**18,500.00**	**5**		**5**	**15**	**2**		**117**	**16**	**8**	**24**	**1**
2016CPT.10.21.10601.2	Mecklenburg	2	US74/29 WILKINSON BV WESTBOUND	FROM SUTTLE AVE TO ASHLEY RD	2,3,4	2		NO	NO	1.13	40							26,517						3,281				194	880						1		3	27	12		170	23	12	34	1
TOTAL FOR MAP NO. 2										**1.13**								**26,517**						**3,281**				**194**	**880**						**1**		**3**	**27**	**12**		**170**	**23**	**12**	**34**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.2										**1.13**								**26,517**						**3,281**				**194**	**880**						**1**		**3**	**27**	**12**		**170**	**23**	**12**	**34**	**1**
2016CPT.10.21.10601.3	Mecklenburg	3	NC 115 NB OLD STATESVILLE RD	FROM SUNSET RD TO HARRIS BV	5	2	MD	NO	NO	1.95	28.7							32,835						3,047				180	330									2	6	0.17	150	20	10	30	1
TOTAL FOR MAP NO. 3										**1.95**								**32,835**						**3,047**				**180**	**330**									**2**	**6**	**0.17**	**150**	**20**	**10**	**30**	**1**
2016CPT.10.21.10601.3	Mecklenburg	4	NC 115 SB OLD STATEVILLE RD	FROM SUNSET RD TO HARRIS BV	5	2	MD	NO	NO	1.95	28.5							32,542						3,026				179	330									2	12	0.17	150	20	10	30	1
TOTAL FOR MAP NO. 4										**1.95**								**32,542**						**3,026**				**179**	**330**									**2**	**12**	**0.17**	**150**	**20**	**10**	**30**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.3										**3.9**								**65,377**						**6,073**				**359**	**660**									**4**	**18**	**0.33**	**300**	**40**	**20**	**60**	**2**
2016CPT.10.21.10601.4	Mecklenburg	5	NC 160 OLD STEELE CREEK RD	FROM SHOPTON RD WEST TO ED BROWN RD	6,7,8,9	2	2WU	NO	NO	1.47	40	223			35	2.28			2,700		300				4,268	440		280	385							10		3	3	0.17	221	30	15	44	1
TOTAL FOR MAP NO. 5										**1.47**		**223**			**35**	**2.28**			**2,700**		**300**				**4,268**	**440**		**280**	**385**							**10**		**3**	**3**	**0.17**	**221**	**30**	**15**	**44**	**1**
2016CPT.10.21.10601.4	Mecklenburg	6	NC 160 OLD STEELE CREEK RD	FROM RXR TO PVMT JNT AT SAM NEELY	6,7,8,9	2	2WU	NO	NO	0.62	39	104				1.06			100		150				1,755			104	440	15,648			6,260			100		2	3	0.17	93	13	6	19	1
TOTAL FOR MAP NO. 6										**0.62**		**104**				**1.06**			**100**		**150**				**1,755**			**104**	**440**	**15,648**			**6,260**			**100**		**2**	**3**	**0.17**	**93**	**13**	**6**	**19**	**1**
2016CPT.10.21.10601.4	Mecklenburg	7	NC 160 OLD STEELE CREEK RD	FROM PVMT JNT AT SAM NEELY TO PVMT JNT 1100' N OF TRYON ST	6,7,8,9	2	2WU	NO	NO	1.32	32.3	243			50	2.48			1,300		250				3,098	660		226	660	27,514			10,994			20		10	12	0.17	198	27	13	40	1
TOTAL FOR MAP NO. 7										**1.32**		**243**			**50**	**2.48**			**1,300**		**250**				**3,098**	**660**		**226**	**660**	**27,514**			**10,994**			**20**		**10**	**12**	**0.17**	**198**	**27**	**13**	**40**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.4										**3.41**		**570**			**85**	**5.82**			**4,100**		**700**				**9,121**	**1,100**		**610**	**1,485**	**43,162**			**17,254**			**130**		**15**	**18**	**0.50**	**512**	**70**	**34**	**103**	**3**
2016CPT.10.21.10601.5	Mecklenburg	8	NC 160 WEST BV	FROM OLD STEELE CREEK RD TO CLANTON RD	10,11	4	MU	NO	NO	0.89	52.4							27,378						2,534				152	330						15		22	6		134	18	9	27	1
TOTAL FOR MAP NO. 8										**0.89**								**27,378**						**2,534**				**152**	**330**						**15**		**22**	**6**		**134**	**18**	**9**	**27**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.5										**0.89**								**27,378**						**2,534**				**152**	**330**						**15**		**22**	**6**		**134**	**18**	**9**	**27**	**1**
2016CPT.10.21.10601.6	Mecklenburg	9	NC 27 MT HOLLY RD	FROM BRIDGE AT COUNTY LINE TO MT HOLLY-HUNTERSVILLE RD	32,33,34	2	MU	NO	NO	0.99	46.5	123			50	1.25			3,500		300				3,339	275		218	550							10				0.17	149	20	10	30	1
TOTAL FOR MAP NO. 9										**0.99**		**123**			**50**	**1.25**			**3,500**		**300**				**3,339**	**275**		**218**	**550**							**10**				**0.17**	**149**	**20**	**10**	**30**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.6										**0.99**		**123**			**50**	**1.25**			**3,500**		**300**				**3,339**	**275**		**218**	**550**							**10**				**0.17**	**149**	**20**	**10**	**30**	**1**
2016CPT.10.21.20601.1	Mecklenburg	10	SR 1116 SHOPTON RD WEST	FROM N OF TRYON ST TO SLEDGE RD	12,13	2	2WU	NO	NO	2.12	25.75	154			75	2.10				150					2,974				178	770		35,229		12,328		10	20		2	4		318	42	21	64	1
TOTAL FOR MAP NO. 10										**2.12**		**154**			**75**	**2.10**				**150**					**2,974**				**178**	**770**		**35,229**		**12,328**		**10**	**20**		**2**	**4**		**318**	**42**	**21**	**64**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.1										**2.12**		**154**			**75**	**2.10**				**150**					**2,974**				**178**	**770**		**35,229**		**12,328**		**10**	**20**		**2**	**4**		**318**	**42**	**21**	**64**	**1**
2016CPT.10.21.20601.2	Mecklenburg	11	SR 1119 SLEDGE RD	FROM SHOPTON RD WEST TO NC160	14,15,16	2	2WU	NO	NO	1.55	25.9	255			50	2.60			2,000		500				2,920	660		218	330	18,088			7,235			120					225	30	15	45	1
TOTAL FOR MAP NO. 11										**1.55**		**255**			**50**	**2.60**			**2,000**		**500**				**2,920**	**660**		**218**	**330**	**18,088**			**7,235**			**120**					**225**	**30**	**15**	**45**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.2										**1.55**		**255**			**50**	**2.60**			**2,000**		**500**				**2,920**	**660**		**218**	**330**	**18,088**			**7,235**			**120**					**225**	**30**	**15**	**45**	**1**
2016CPT.10.21.20601.3	Mecklenburg	12	SR 1150 SADLER RD	FROM DIXIE RIVER RD TO FOX VALLEY RD	17	2	2WU	NO	NO	1.1	21.5	162	13,875	530.00	70	2.15				50	150	1,996	1,289						173				15,099	12,216			40					165	22	11	33	1
TOTAL FOR MAP NO. 12										**1.1**		**162**	**13,875**	**530.00**	**70**	**2.15**				**50**	**150**	**1,996**	**1,289**						**173**				**15,099**	**12,216**			**40**					**165**	**22**	**11**	**33**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.3										**1.1**		**162**	**13,875**	**530.00**	**70**	**2.15**				**50**	**150**	**1,996**	**1,289**						**173**				**15,099**	**12,216**			**40**					**165**	**22**	**11**	**33**	**1**
2016CPT.10.21.20601.4	Mecklenburg	13	SR 1186 AMOS SMITH RD	FROM ELYSE MANOR CT TO END OF MAINTENANCE	37	2	2WU	NO	NO	1.75	20	343			45	3.50				400	80		2,551						153	660						70		1			263	35	18	53	1
TOTAL FOR MAP NO. 13										**1.75**		**343**			**45**	**3.50**				**400**	**80**		**2,551**						**153**	**660**						**70**		**1**			**263**	**35**	**18**	**53**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.4										**1.75**		**343**			**45**	**3.50**				**400**	**80**		**2,551**						**153**	**660**						**70**		**1**			**263**	**35**	**18**	**53**	**1**
2016CPT.10.21.20601.5	Mecklenburg	14	SR 1581 WINDYGAP RD	FROM DIXIE RIVER RD TO END OF MAINTENANCE	20,40	2	2WU	NO	NO	1.32	20.2	152			25	2.06				300	150		1,454	440				116	330						50		3			198	26	13	40	1
TOTAL FOR MAP NO. 14										**1.32**		**152**			**25**	**2.06**				**300**	**150**		**1,454**	**440**				**116**	**330**						**50**		**3**			**198**	**26**	**13**	**40**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.5										**1.32**		**152**			**25**	**2.06**				**300**	**150**		**1,454**	**440**				**116**	**330**						**50**		**3**			**198**	**26**	**13**	**40**	**1**
2016CPT.10.21.20601.6	Mecklenburg	15	SR 1605 MCCORKLE RD	FROM MOORES CHAPEL RD TO END OF PAVEMENT	19	2	2WU	NO	NO	0.58	20	85			20	1.15		6,778									621	42	550						210					87	12	6	17	1
TOTAL FOR MAP NO. 15										**0.58**		**85**			**20**	**1.15**		**6,778**									**621**	**42**	**550**						**210**					**87**	**12**	**6**	**17**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.6										**0.58**		**85**			**20**	**1.15**		**6,778**									**621**	**42**	**550**						**210**					**87**	**12**	**6**	**17**	**1**
2016CPT.10.21.20601.7	Mecklenburg	16	SR 1606 BELMEADE RD	FROM NC27 TO RHYNE RD	21,22	2	2WU	NO	NO	2.45	28.5	431			115	4.40			1,800		900		5,076	660				347	1,100	34,100			13,640			120		1	4		368	49	25	181	1
TOTAL FOR MAP NO. 16										**2.45**		**431**			**115**	**4.40**			**1,800**		**900**		**5,076**	**660**				**347**	**1,100**	**34,100**			**13,640**			**120**		**1**	**4**		**368**	**49**	**25**	**181**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.7										**2.45**		**431**			**115**	**4.40**			**1,800**		**900**		**5,076**	**660**				**347**	**1,100**	**34,100**			**13,640**			**120**		**1**	**4**		**368**	**49**	**25**	**181**	**1**
2016CPT.10.21.20601.8	Mecklenburg	17	SR 1641 LITTLE ROCK RD	FROM PAW CREEK RD TO FLAT ROCK DR	23,24,25,39	2	2WU	NO	NO	0.65	27	120			45	1.30	280	10,000					1,276	400				103	330						105		5	7		98	13	7	20	1
TOTAL FOR MAP NO. 17										**0.65**		**120**			**45**	**1.30**	**280**	**10,000**					**1,276**	**400**				**103**	**330**						**105**		**5**	**7**		**98**	**13**	**7**	**20**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.8										**0.65**		**120**			**45**	**1.30**	**280**	**10,000**					**1,276**	**400**				**103**	**330**						**105**		**5**	**7**		**98**	**13**	**7**	**20**	**1**
2016CPT.10.21.20601.9	Mecklenburg	18	SR 1841 BEDFORD RD	FROM SAM WILSON TO FARRHILL RD	36,38	2	2WU	NO	NO	0.13	30.5	20			5	0.27		2,326									212	14	550											20	3	1	4	1
TOTAL FOR MAP NO. 18										**0.13**		**20**			**5**	**0.27**		**2,326**									**212**	**14**	**550**											**20**	**3**	**1**	**4**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.9										**0.13**		**20**			**5**	**0.27**		**2,326**									**212**	**14**	**550**											**20**	**3**	**1**	**4**	**1**
2016CPT.10.21.20601.10	Mecklenburg	19	SR 1922 HUNTLYNN RD	FROM WILKINSON BV TO SCOTTVIEW DR	35	2	2WD	NO	NO	0.11	22						1,433											173	12								1			17	2	1	3	1
TOTAL FOR MAP NO. 19										**0.11**							**1,433**											**173**	**12**								**1**			**17**	**2**	**1**	**3**	**1**
2016CPT.10.21.20601.10	Mecklenburg	20	SR 1923 SCOTTVIEW DR	FROM HUNTLYNN RD TO NEW SHELDON DR	35	2	2WU	NO	NO	0.16	24.5						2,300											280	19								2			24	3	2	5	1
TOTAL FOR MAP NO. 20										**0.16**							**2,300**											**280**	**19**								**2**			**24**	**3**	**2**	**5**	**1**
2016CPT.10.21.20601.10	Mecklenburg	21	SR 1924 NEW SHELDON DR	FROM DEAD END TO END OF MAINTENANCE	35	2	2WU	NO	NO	0.09	25.25						1,333											163	11								4			14	2	1	3	1
TOTAL FOR MAP NO. 21										**0.09**							**1,333**											**163**	**11**								**4**			**14**	**2**	**1**	**3**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.10										**0.36**							**5,066**											**616**	**42**								**7**			**55**	**7**	**4**	**11**	**3**
2016CPT.10.21.20601.11	Mecklenburg	22	SR 2119 KERNS RD	FROM HAMBRIGHT RD TO MT HOLLY-HUNTERSVILLE RD	18	2	2WU	NO	NO	2	21.5	294	25,227	670.00	200	4.00							4,716					283				27,495	10,997			70					300	40	20	60	1
TOTAL FOR MAP NO. 22										**2**		**294**	**25,227**	**670.00**	**200**	**4.00**							**4,716**					**283**				**27,495**	**10,997**			**70**					**300**	**40**	**20**	**60**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.11										**2**		**294**	**25,227**	**670.00**	**200**	**4.00**							**4,716**					**283**				**27,495**	**10,997**			**70**					**300**	**40**	**20**	**60**	**1**
2016CPT.10.21.20601.12	Mecklenburg	23	SR 2466 OLD HOLLAND RD	FROM MOREHEAD RD TO CABARRUS COUNTY LINE	31	2	2WU	NO	NO	0.32	25.7	32			50	0.65					400							293	20	55						10					48	6	3	10	1
TOTAL FOR MAP NO. 23										**0.32**		**32**			**50**	**0.65**					**400**							**293**	**20**	**55**						**10**					**48**	**6**	**3**	**10**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.12										**0.32**		**32**			**50**	**0.65**					**400**							**293**	**20**	**55**						**10**					**48**	**6**	**3**	**10**	**1**
2016CPT.10.21.20601.13	Mecklenburg	24	SR 2740 STOWE LN	FROM MOREHEAD RD TO CABARRUS COUNTY LINE	31	2	2WU	NO	NO	0.23	26	23			15	0.46					300							213	14												35	5	3	7	1
TOTAL FOR MAP NO. 24										**0.23**		**23**			**15**	**0.46**					**300**							**213**	**14**												**35**	**5**	**3**	**7**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.13										**0.23**		**23**			**15**	**0.46**					**300**							**213**	**14**												**35**	**5**	**3**	**7**	**1**
2016CPT.10.21.20601.14	Mecklenburg	25	SR 2831 MCLEAN RD	FROM OLD CONCORD RD TO JOHN RUSSELL RD	26,27,28,29,30	2	2WU	NO	NO	1.06	28.6	113			85	1.54				3,200	700		1,651	330				120	440						6	100		1			159	21	11	32	1
TOTAL FOR MAP NO. 25										**1.06**		**113**			**85**	**1.54**				**3,200**	**700**		**1,651**	**330**				**120**	**440**						**6**	**100**		**1**			**159**	**21**	**11**	**32**	**1**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.14										**1.06**		**113**			**85**	**1.54**				**3,200**	**700**		**1,651**	**330**				**120**	**440**						**6**	**100**		**1**			**159**	**21**	**11**	**32**	**1**
GRAND TOTAL										**26.72**		**2,877**	**39,102**	**1,200.00**	**935**	**33.25**	**23,789**	**138,376**	**11,400**	**4,100**	**4,180**	**1,996**	**32,044**	**2,765**	**18,475**	**1,100**	**1,955**	**3,492**	**9,086**	**95,350**	**35,229**	**42,594**	**73,670**	**18,500.00**	**37**	**1,055**	**8**	**103**	**71**	**1.00**	**3,721**	**498**	**251**	**855**	**25**

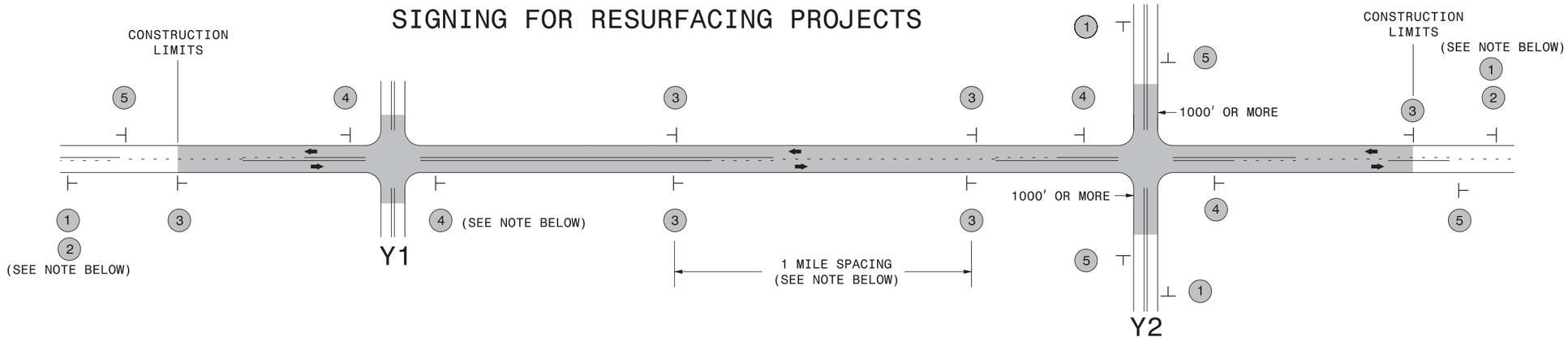
PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.10.21.10601.1, ETC.	34	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNS SF	4510000000-N LAW ENFORCEMENT HR	4457000000-N TEMPORARY TRAFFIC CONTROL LS	4685000000-E 4" X 90 M WHITE THERMO LF	4686000000-E 4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4695000000-E 8" X 90 M WHITE THERMO LF	8" X 90 M YELLOW THERMO LF	4697000000-E 8" X 120 M WHITE THERMO LF	4705000000-E 16" X 120 M WHITE THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	THERMO MSG ONLY 120 M EA	4721000000-E THERMO RXR 120 M EA	THERMO MSG SCHOOL 120 M EA	4725000000-E THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	4726110000-E HEATED IN PLACE THERMOPLASTIC BIKE LANE SYMBOL EA	4770000000-E 4" COLD APPLIED PLASTIC PAVEMENT MARKING TYPE III YELLOW LF	4" COLD APPLIED PLASTIC PAVEMENT MARKING TYPE III WHITE LF	4810000000-E 4" YELLOW PAINT LF	4" WHITE PAINT LF	4820000000-E 8" WHITE PAINT LF	4835000000-E 24" WHITE PAINT LF	4845000000-N PAINT LT ARROW EA	PAINT RT ARROW EA	PAINT STR ARROW EA	PAINT STR & RT ARROW EA	4900000000-N CRYSTAL & RED MARKERS EA	YELLOW & YELLOW MARKERS EA
2016CPT.10.21.10601.1	Mecklenburg	1	US 29 W. MOREHEAD ST.	FROM WILKINSON BV TO FREEDOM DR		4	MU	0.78	40.3	92	40	1	2,275	8,237	205			2,120		48	16			6	4	3					16,474	8,000		100	5	5	5		114	88
TOTAL FOR MAP NO. 1								**0.78**		**92**	**40**		**2,275**	**8,237**	**205**			**2,120**		**48**	**16**			**6**	**4**	**3**					**16,474**	**8,000**		**100**	**5**	**5**	**5**		**114**	**88**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.1								**0.78**		**92**	**40**		**2,275**	**8,237**	**205**			**2,120**		**48**	**16**			**6**	**4**	**3**					**16,474**	**8,000**		**100**	**5**	**5**	**5**		**114**	**88**
													10,512		**205**							**16**			**13**						**24,474**				**15**			**202**	
2016CPT.10.21.10601.2	Mecklenburg	2	US74/29 WILKINSON BV WESTBOUND	FROM SUTTLE AVE TO ASHLEY RD		2		1.13	40	92	120	*	580	3,331	5,350	920		145		160	8			7		2	10				8,000	5,000		120	7			2	145	
TOTAL FOR MAP NO. 2								**1.13**		**92**	**120**		**580**	**3,331**	**5,350**	**920**		**145**		**160**	**8**			**7**		**2**	**10**				**8,000**	**5,000**		**120**	**7**			**2**	**145**	
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.2								**1.13**		**92**	**120**		**580**	**3,331**	**5,350**	**920**		**145**		**160**	**8**			**7**		**2**	**10**				**8,000**	**5,000**		**120**	**7**			**2**	**145**	
														8,681		**920**						**8**			**19**						**13,000**				**9**			**145**	
2016CPT.10.21.10601.3	Mecklenburg	3	NC 115 NB OLD STATESVILLE RD	FROM SUNSET RD TO HARRIS BV		2	MD	1.95	28.7	92	40	*	9,750	5,262	9,810			2,532		130				26	5	2	8	28			10,000	10,000	100	100	3	3	3		250	
TOTAL FOR MAP NO. 3								**1.95**		**92**	**40**		**9,750**	**5,262**	**9,810**			**2,532**		**130**				**26**	**5**	**2**	**8**	**28**			**10,000**	**10,000**	**100**	**100**	**3**	**3**	**3**		**250**	
2016CPT.10.21.10601.3	Mecklenburg	4	NC 115 SB OLD STATEVILLE RD	FROM SUNSET RD TO HARRIS BV		2	MD	1.95	28.5	92	40	*	9,815	4,550	9,850					115				25		4	8	22			8,000	8,000		100					218	
TOTAL FOR MAP NO. 4								**1.95**		**92**	**40**		**9,815**	**4,550**	**9,850**					**115**				**25**		**4**	**8**	**22**			**8,000**	**8,000**		**100**					**218**	
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.3								**3.9**		**184**	**80**		**19,565**	**9,812**	**19,660**			**2,532**		**245**				**51**	**5**	**6**	**16**	**50**			**18,000**	**18,000**	**100**	**200**	**3**	**3**	**3**		**468**	
														29,472										**78**							**36,000**				**9**			**468**	
2016CPT.10.21.10601.4	Mecklenburg	5	NC 160 OLD STEELE CREEK RD	FROM SHOPTON RD WEST TO ED BROWN RD		2	2WU	1.47	40	92	40	*	15,524	3,305	23,286	1,396	360	1,548		168				17	11	2	5				6,500	5,000		100	2	2	2		204	292
TOTAL FOR MAP NO. 5								**1.47**		**92**	**40**		**15,524**	**3,305**	**23,286**	**1,396**	**360**	**1,548**		**168**				**17**	**11**	**2**	**5**				**6,500**	**5,000**		**100**	**2**	**2**	**2**		**204**	**292**
2016CPT.10.21.10601.4	Mecklenburg	6	NC 160 OLD STEELE CREEK RD	FROM RXR TO PVMT JNT AT SAM NEELY		2	2WU	0.62	39	92		*	2,780	120	4,190		100		50	36		4		4		2												20	30
TOTAL FOR MAP NO. 6								**0.62**		**92**			**2,780**	**120**	**4,190**		**100**		**50**	**36**		**4**		**4**		**2**												**20**	**30**
2016CPT.10.21.10601.4	Mecklenburg	7	NC 160 OLD STEELE CREEK RD	FROM PVMT JNT AT SAM NEELY TO PVMT JNT 1100' N OF TRYON ST		2	2WU	1.32	32.3	92	40	*	13,000	900	17,600		380			275			12	8	3		4											40	120
TOTAL FOR MAP NO. 7								**1.32**		**92**	**40**		**13,000**	**900**	**17,600**		**380**			**275**			**12**	**8**	**3**		**4**											**40**	**120**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.4								**3.41**		**276**	**80**		**31,304**	**4,325**	**45,076**	**1,396**	**840**	**1,548**	**50**	**479**		**4**	**12**	**29**	**14**	**4**	**9**				**6,500**	**5,000**		**100**	**2**	**2**	**2**		**264**	**442**
														49,401		**2,236**						**16**			**56**						**11,500**				**6**			**706**	
2016CPT.10.21.10601.5	Mecklenburg	8	NC 160 WEST BV	FROM OLD STEELE CREEK RD TO CLANTON RD		4	MU	0.89	52.4	92	80	*		3,580	9,440		34	1,284		147				9		4	4				6,000	4,699		72	3		2	2	209	118
TOTAL FOR MAP NO. 8								**0.89**		**92**	**80**			**3,580**	**9,440**		**34**	**1,284**		**147**				**9**		**4**	**4**				**6,000**	**4,699**		**72**	**3**		**2**	**2**	**209**	**118**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.5								**0.89**		**92**	**80**			**3,580**	**9,440**		**34**	**1,284**		**147**				**9**		**4**	**4**				**6,000**	**4,699**		**72**	**3**		**2**	**2**	**209**	**118**
														13,020		**34**								**17**							**10,699**				**7**			**327**	
2016CPT.10.21.10601.6	Mecklenburg	9	NC 27 MT HOLLY RD	FROM BRIDGE AT COUNTY LINE TO MT HOLLY-HUNTERSVILLE RD		2	MU	0.99	46.5	92	40	*	10,500	2,380	12,000		200			40	16			14	4							8,000			3	2			50	125
TOTAL FOR MAP NO. 9								**0.99**		**92**	**40**		**10,500**	**2,380**	**12,000**		**200**			**40**	**16**			**14**	**4**							**8,000**			**3**	**2**			**50**	**125**
TOTAL FOR PROJ NO. 2016CPT.10.21.10601.6								**0.99**		**92**	**40**		**10,500**	**2,380**	**12,000**		**200**			**40**	**16**			**14**	**4**							**8,000**			**3**	**2**			**50**	**125**
														14,380		**200**						**16**			**18**						**8,000**				**5**			**175**	
2016CPT.10.21.20601.1	Mecklenburg	10	SR 1116 SHOPTON RD WEST	FROM N OF TRYON ST TO SLEDGE RD		2	2WU	2.12	25.75	92		*	22,400	1,143	28,000		170			36				7	7		3											82	35
TOTAL FOR MAP NO. 10								**2.12**		**92**			**22,400**	**1,143**	**28,000**		**170**			**36**				**7**	**7**		**3**											**82**	**35**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.1								**2.12**		**92**			**22,400**	**1,143**	**28,000**		**170**			**36**				**7**	**7**		**3**											**82**	**35**
														29,143		**170**								**17**													**117**	
2016CPT.10.21.20601.2	Mecklenburg	11	SR 1119 SLEDGE RD	FROM SHOPTON RD WEST TO NC160		2	2WU	1.55	25.9	92		*	14,710	270	13,470		80			60				3	2													15	125
TOTAL FOR MAP NO. 11								**1.55**		**92**			**14,710**	**270**	**13,470**		**80**			**60**				**3**	**2**													**15**	**125**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.2								**1.55**		**92**			**14,710**	**270**	**13,470**		**80**			**60**				**3**	**2**													**15**	**125**
														13,740		**80**								**5**													**140**	
2016CPT.10.21.20601.3	Mecklenburg	12	SR 1150 SADLER RD	FROM DIXIE RIVER RD TO FOX VALLEY RD		2	2WU	1.1	21.5	92		*	11,836		11,604																								
TOTAL FOR MAP NO. 12								**1.1**		**92**			**11,836**		**11,604**																								
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.3								**1.1**		**92**			**11,836**		**11,604**																								
														11,604																								
2016CPT.10.21.20601.4	Mecklenburg	13	SR 1186 AMOS SMITH RD	FROM ELYSE MANOR CT TO END OF MAINTENANCE		2	2WU	1.75	20	92		*	18,830		18,500																								150
TOTAL FOR MAP NO. 13								**1.75**		**92**			**18,830**		**18,500**																								**150**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.4								**1.75**		**92**			**18,830**		**18,500**																								**150**
														18,500																								**150**
2016CPT.10.21.20601.5	Mecklenburg	14	SR 1581 WINDYGAP RD	FROM DIXIE RIVER RD TO END OF MAINTENANCE		2	2WU	1.32	20.2	92		*	13,700	60	13,900																								106
TOTAL FOR MAP NO. 14								**1.32**		**92**			**13,700**	**60**	**13,900**																								**106**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.5								**1.32**		**92**			**13,700**	**60**	**13,900**																								**106**
														13,960																								**106**
2016CPT.10.21.20601.6	Mecklenburg	15	SR 1605 MCCORKLE RD	FROM MOORES CHAPEL RD TO END OF PAVEMENT		2	2WU	0.58	20	92		*																			10									
TOTAL FOR MAP NO. 15								**0.58**		**92**																					**10**									
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.6								**0.58**		**92**																					**10**									
																															10									
2016CPT.10.21.20601.7	Mecklenburg	16	SR 1606 BELMEADE RD	FROM NC27 TO RHYNE RD		2	2WU	2.45	28.5	92		*	25,840	3,036	34,368		511		200	368		8	12	11	7						530.00	530.00	3,000	3,000					201	430
TOTAL FOR MAP NO. 16								**2.45**		**92**			**25,840**	**3,036**	**34,368**		**511**		**200**	**368**		**8**	**12**	**11**	**7**						**530**	**530**	**3,000**	**3,000**					**201**	**430**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.7								**2.45**		**92**			**25,840**	**3,036**	**34,368**		**511**		**200**	**368**		**8**	**12**	**11**	**7**						**530**	**530**	**3,000**	**3,000**					**201**	**430**
														37,404		**511**						**20**			**18**						**1,060**		**6,000**					**631**	
2016CPT.10.21.20601.8	Mecklenburg	17	SR 1641 LITTLE ROCK RD	FROM PAW CREEK RD TO FLAT ROCK DR		2	2WU	0.65	27	92		*	7,500		8,000		200							4	2														50
TOTAL FOR MAP NO. 17								**0.65**		**92**			**7,500**		**8,000**		**200**							**4**	**2**														**50**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.8								**0.65**		**92**			**7,500**		**8,000**		**200**							**4**	**2**														**50**
														8,000		**200**								**6**														**50**
2016CPT.10.21.20601.9	Mecklenburg	18	SR 1841 BEDFORD RD	FROM SAM WILSON TO FARRHILL RD		2	2WU	0.13	30.5	92		*																											
TOTAL FOR MAP NO. 18								**0.13**		**92**																													
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.9								**0.13**		**92**																													
2016CPT.10.21.20601.10	Mecklenburg	19	SR 1922 HUNTLYNN RD	FROM WILKINSON BV TO SCOTTVIEW DR		2	2WD	0.11	22	92		*																											
TOTAL FOR MAP NO. 19								**0.11**		**92**																													
2016CPT.10.21.20601.10	Mecklenburg	20	SR 1923 SCOTTVIEW DR	FROM HUNTLYNN RD TO NEW SHELDON DR		2	2WU	0.16	24.5	92		*																											
TOTAL FOR MAP NO. 20								**0.16**		**92**																													
2016CPT.10.21.20601.10	Mecklenburg	21	SR 1924 NEW SHELDON DR	FROM DEAD END TO END OF MAINTENANCE		2	2WU	0.09	25.25	92		*																											
TOTAL FOR MAP NO. 21								**0.09**		**92**																													
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.10								**0.36**		**276**																													
2016CPT.10.21.20601.11	Mecklenburg	22	SR 2119 KERNS RD	FROM HAMBRIGHT RD TO MT HOLLY-HUNTERSVILLE RD		2	2WU	2	21.5	92		*	21,150	40	15,800																								130
TOTAL FOR MAP NO. 22								**2**		**92**			**21,150**	**40**	**15,800**																								**130**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.11								**2**		**92**			**21,150**	**40**	**15,800**																								**130**
														15,840																								**130**
2016CPT.10.21.20601.12	Mecklenburg	23	SR 2466 OLD HOLLAND RD	FROM MOREHEAD RD TO CABARRUS COUNTY LINE		2	2WU	0.32	25.7	92		*	3,443	20	3,404																								25
TOTAL FOR MAP NO. 23								**0.32**		**92**			**3,443**	**20**	**3,404**																								**25**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.12								**0.32**		**92**			**3,443**	**20**	**3,404**																								**25**
														3,424																								**25**
2016CPT.10.21.20601.13	Mecklenburg	24	SR 2740 STOWE LN	FROM MOREHEAD RD TO CABARRUS COUNTY LINE		2	2WU	0.23	26	92		*																											
TOTAL FOR MAP NO. 24								**0.23**		**92**																													
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.13								**0.23**		**92**																													
2016CPT.10.21.20601.14	Mecklenburg	25	SR 2831 MCLEAN RD	FROM OLD CONCORD RD TO JOHN RUSSELL RD		2	2WU	1.06	28.6	92		*	11,220	14,853			72		100	158		4		7														61	176
TOTAL FOR MAP NO. 25								**1.06**		**92**			**11,220**	**14,853**			**72**		**100**	**158**		**4**		**7**														**61**	**176**
TOTAL FOR PROJ NO. 2016CPT.10.21.20601.14								**1.06**		**92**			**11,220**	**14,853**			**72**		**100**	**158**		**4**		**7**														**61**	**176**
														14,853			**72**					**4**			**7**													**237**	
GRAND TOTAL								**26.72**		**2,300**	**440**	**1**	**212,578**	**45,125**	**246,809**	**2,521**	**2,107**	**7,629**	**350**	**1,741**	**40**	**16**	**24**	**148**	**45**	**19**	**42**	**50**	**530**	**530**	**57,974**	**51,709**	**100**	**592**	**23**	**12**	**12**	**4**	**1,609**	**2,000**
														291,934		**4,628**						**80**			**254**						**1,060**		**109,683**				**51**			**3,609**	

PROJ. REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.1, Etc.	TMP-1

SIGNING FOR RESURFACING PROJECTS



LEGEND

⊢ STATIONARY SIGN

⬅ DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 — ROAD WORK AHEAD, 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.

2 — NEXT XX MILES, W7-3aP, 24″ X 18″

#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 — LOW/SOFT SHOULDER, SP 13107, 48″ X 48″

PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.

4 — ROAD UNDER CONST, 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.

5 — END ROAD WORK, G20-2 A, 48″ X 24″

PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD, W20-1, 48″ X 48″ — PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A, 48″ X 48″ — PLACED 250′ IN ADVANCE OF FLAGGER.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

3/9/2015
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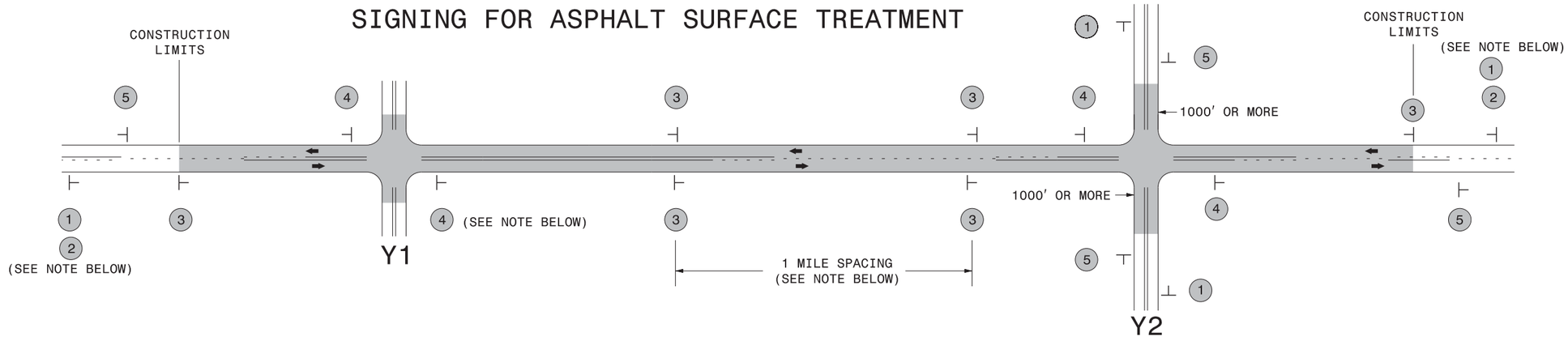
PROJ. REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.1, Etc.	TMP-2

SIGNING FOR ASPHALT SURFACE TREATMENT



LEGEND

⊢ STATIONARY SIGN

⬅ DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 — ROAD WORK AHEAD — 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.

2 — NEXT XX MILES — W7-3aP, 24″ X 18″

#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 — LOOSE GRAVEL — W8-7, 48″ X 48″

UNMARKED PAVEMENT — SP, 48″ X 48″

ALTERNATE THE FOLLOWING TWO SIGNS:

STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".

PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.

4 — ROAD UNDER CONST — 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.

5 — END ROAD WORK — G20-2 A, 48″ X 24″

PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD — W20-1, 48″ X 48″ — PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A, 48″ X 48″ — PLACED 250′ IN ADVANCE OF FLAGGER.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

ADVANCE WARNING SIGNS
FOR
ASPHALT SURFACE TREATMENTS
2 LANE ROADWAYS

12/22/2014
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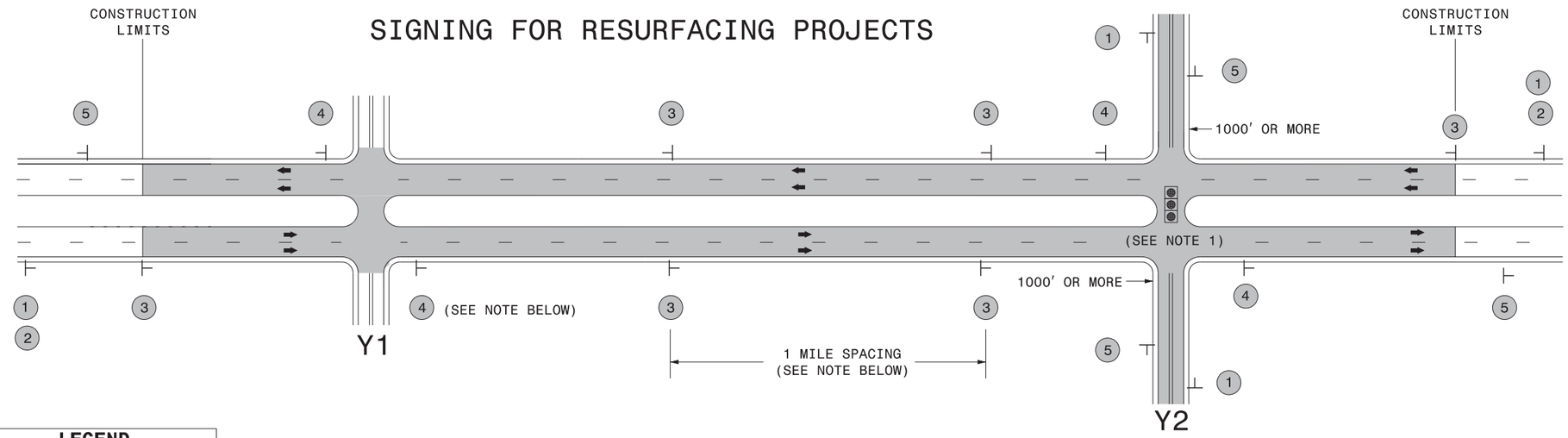
PROJ. REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.1, Etc.	TMP-3

SIGNING FOR RESURFACING PROJECTS



LEGEND

⊢ STATIONARY SIGN

⬅ DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1	ROAD WORK AHEAD 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.
2	NEXT XX MILES W7-3aP 24″ X 18″	#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	LOW/SOFT SHOULDER SP 13107 48″ X 48″	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.
4	ROAD UNDER CONST 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.
5	END ROAD WORK G20-2 A 48″ X 24″	PLACE 500′ FOLLOWING THE END OF CONSTRUCTION LIMITS.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD W20-1 48″ X 48″

PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A 48″ X 48″

PLACED 250′ IN ADVANCE OF FLAGGER.

NOTES:

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.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

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

3/23/2015
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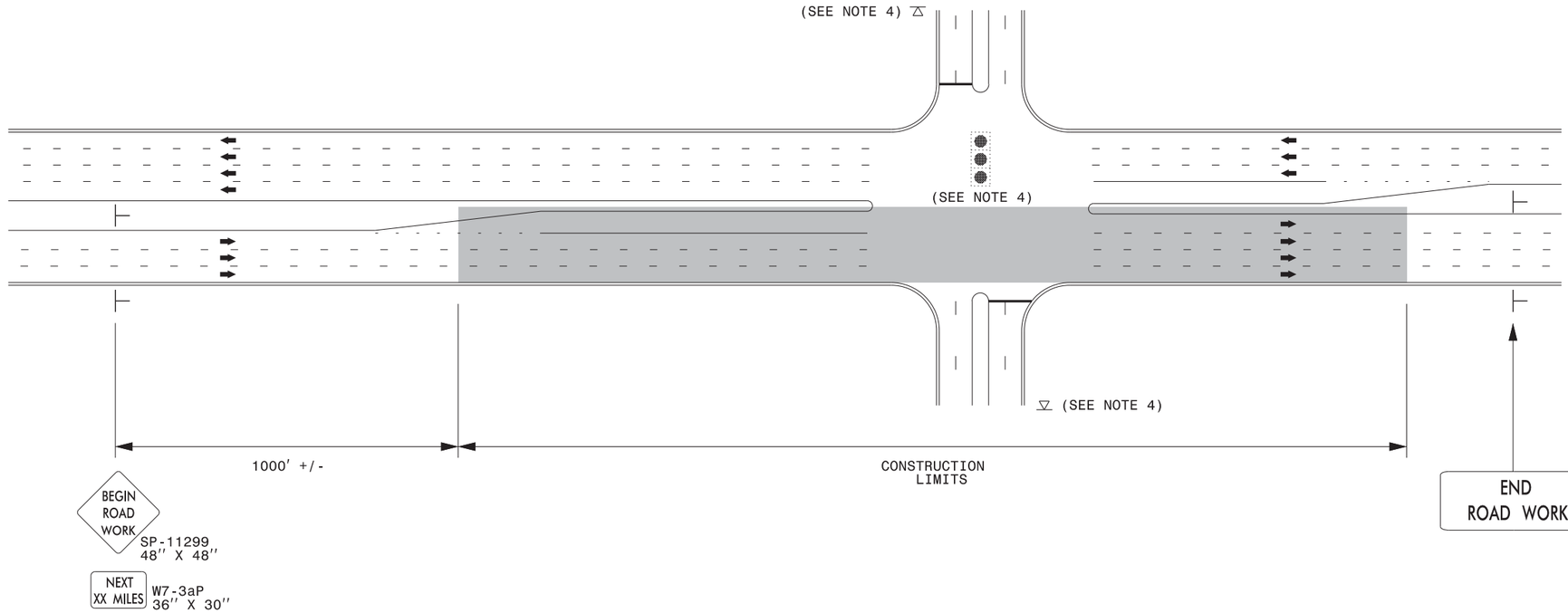
PROJ. REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.1, Etc.	TMP-4

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

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RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

4/8/2015
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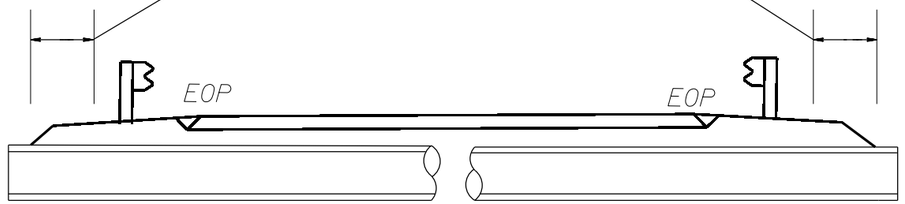
PROJECT REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.ETC.	EC-1

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.

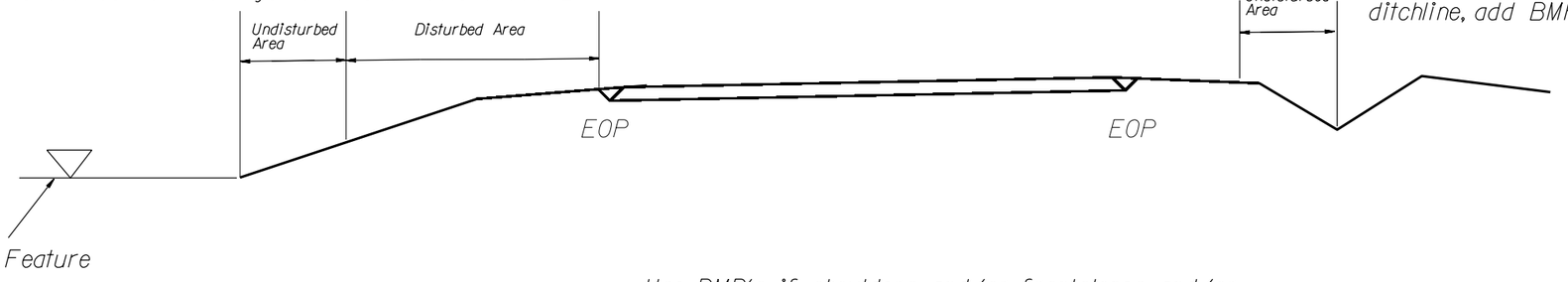
EROSION CONTROL DETAIL

< 5' - 10' Undisturbed buffer add BMP



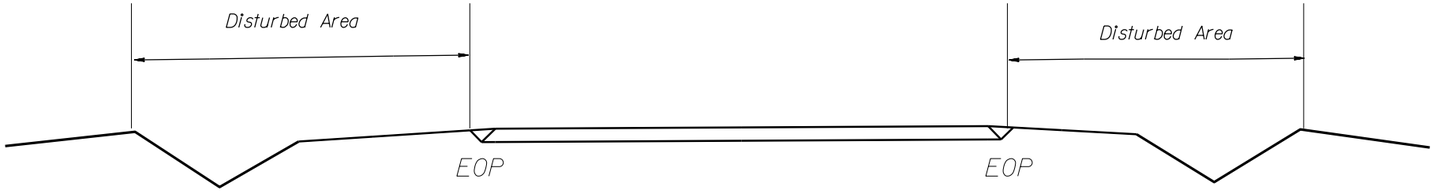
Pipe/Culvert

< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP

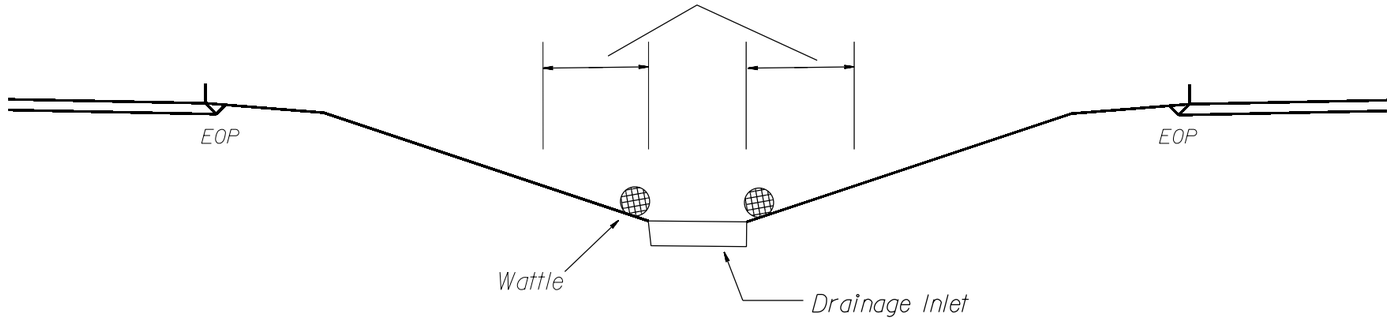


< 5' - 10' Undisturbed buffer from ditchline, add BMP

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



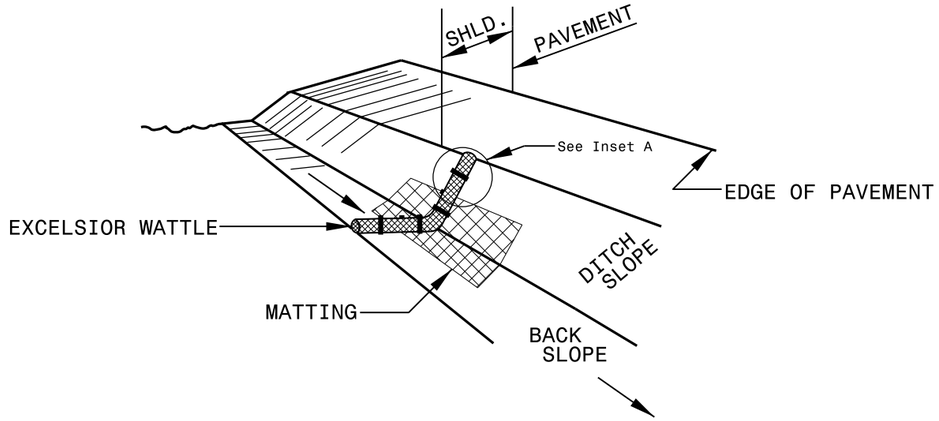
< 5' - 10' Undisturbed buffer from inlet, add wattle



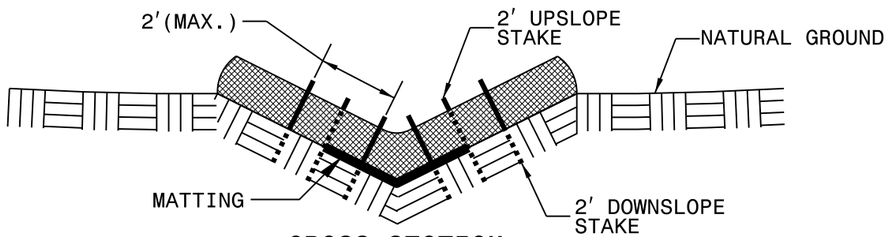
NOT TO SCALE

PROJECT REFERENCE NO.	SHEET NO.
2016CPT.10.21.10601.1, Etc.	EC-2

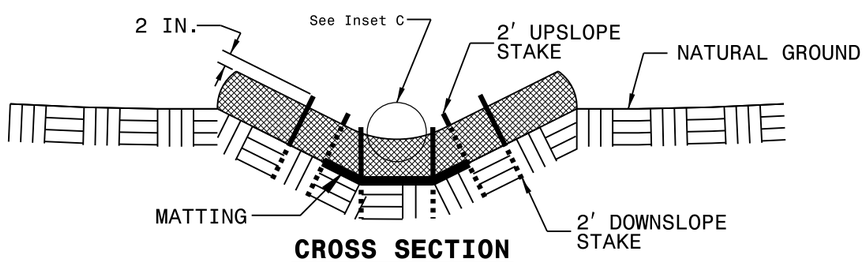
WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

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.

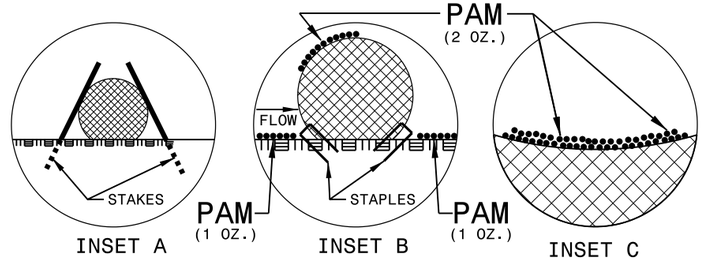
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12″ IN LENGTH.

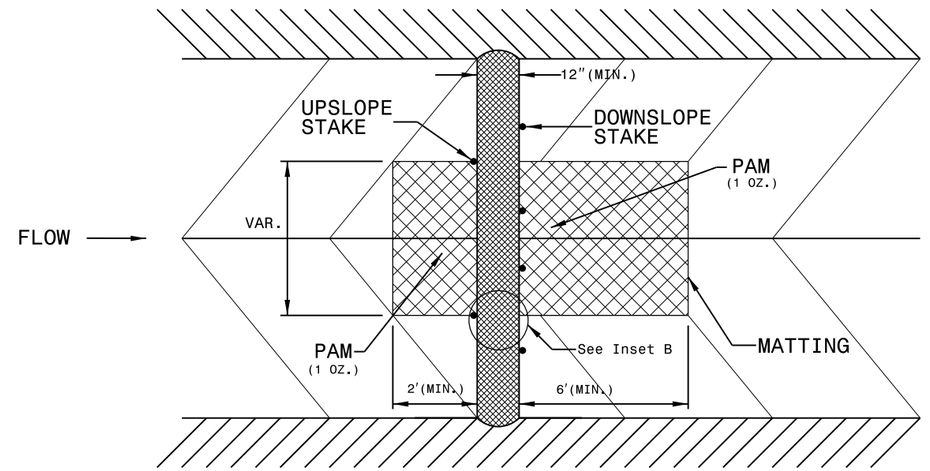
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

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.

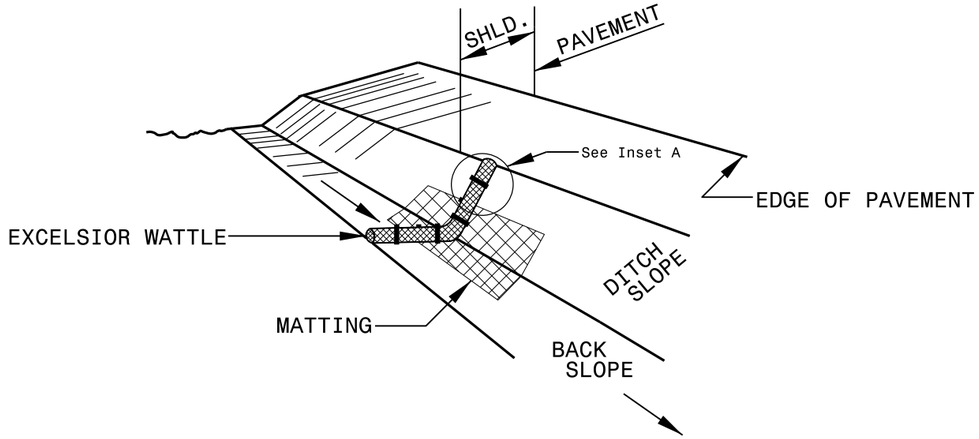




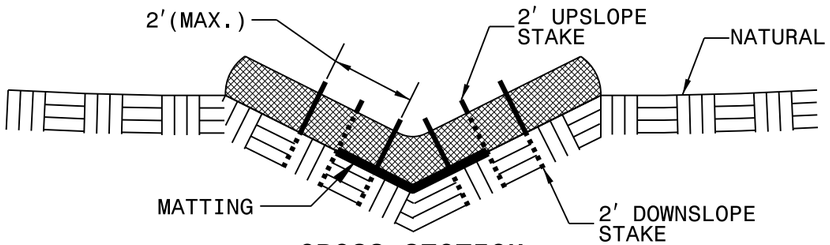
TOP VIEW

PROJECT REFERENCE NO.	SHEET NO.
2016CPTJ0.2IJ0601J,ETC.	EC-3

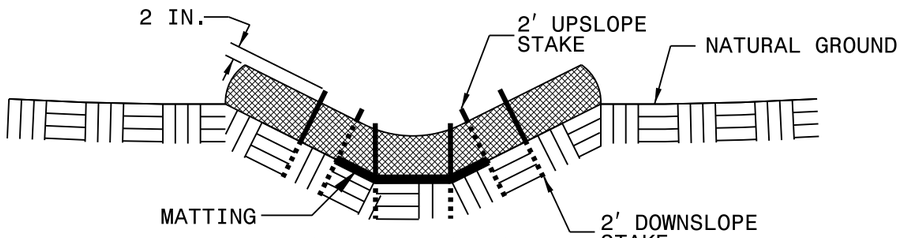
WATTLE DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

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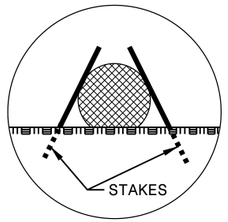
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

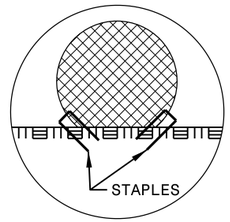
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12″ IN LENGTH.

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

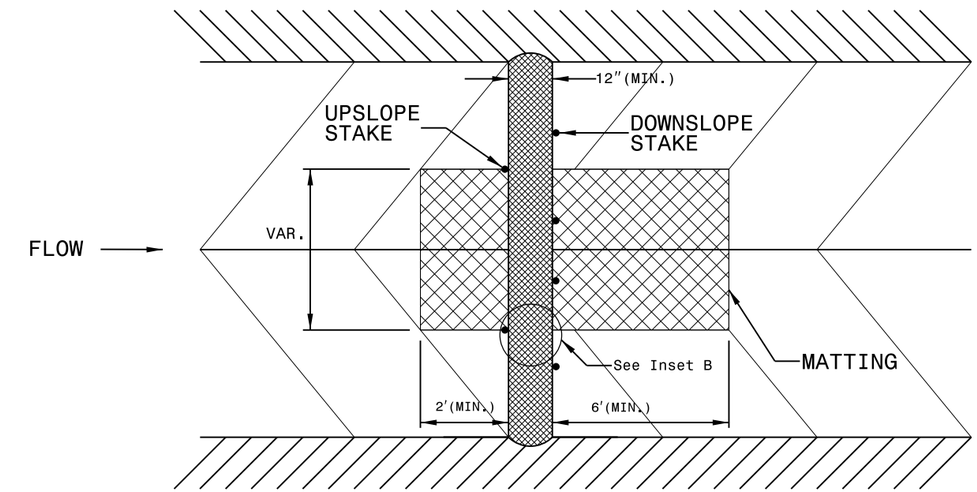
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW