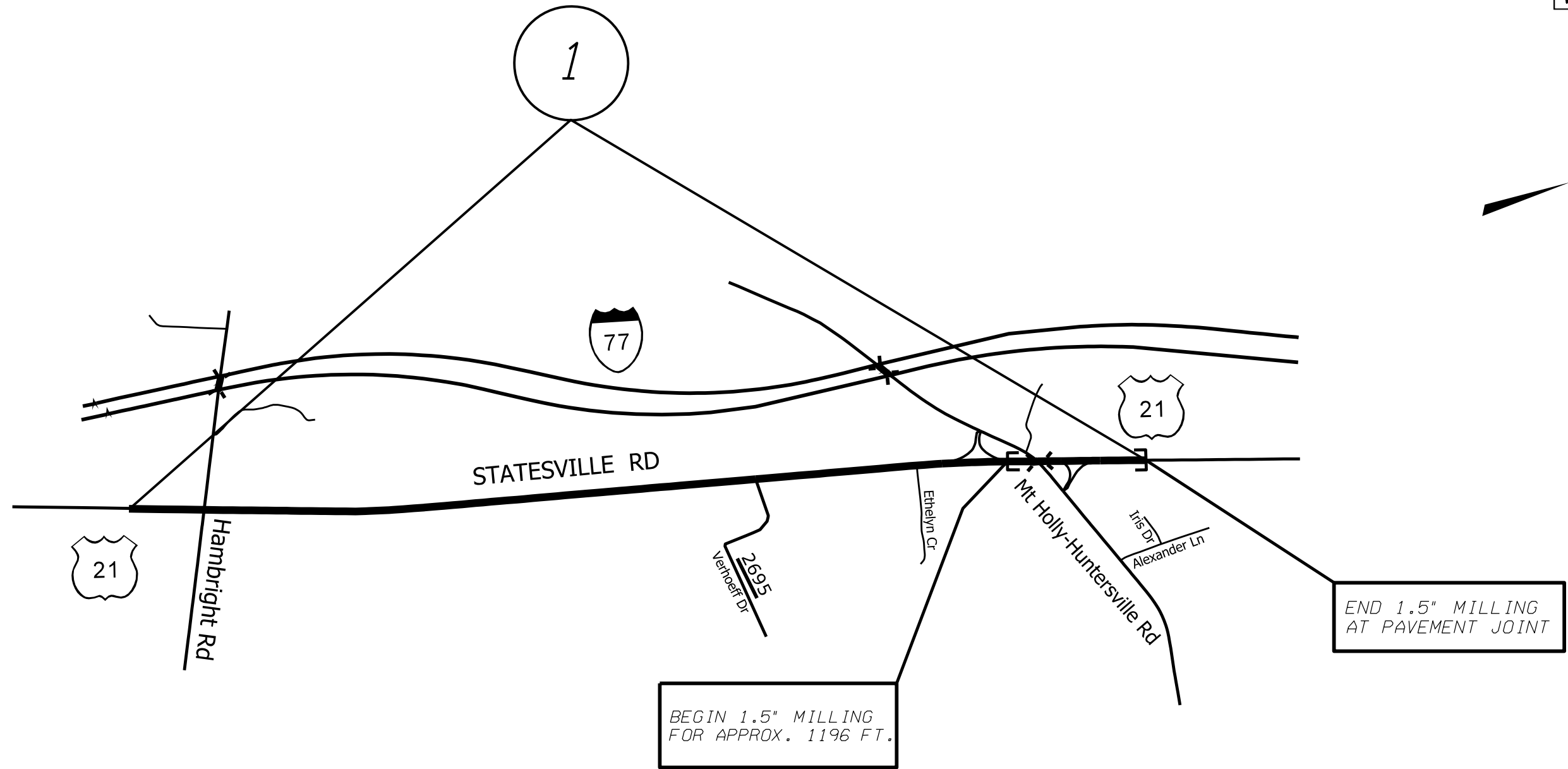


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	
WBS NO. 2018CPT.10.11.10601.1, etc.			



MAP

1 US 21 STATESVILLE ROAD

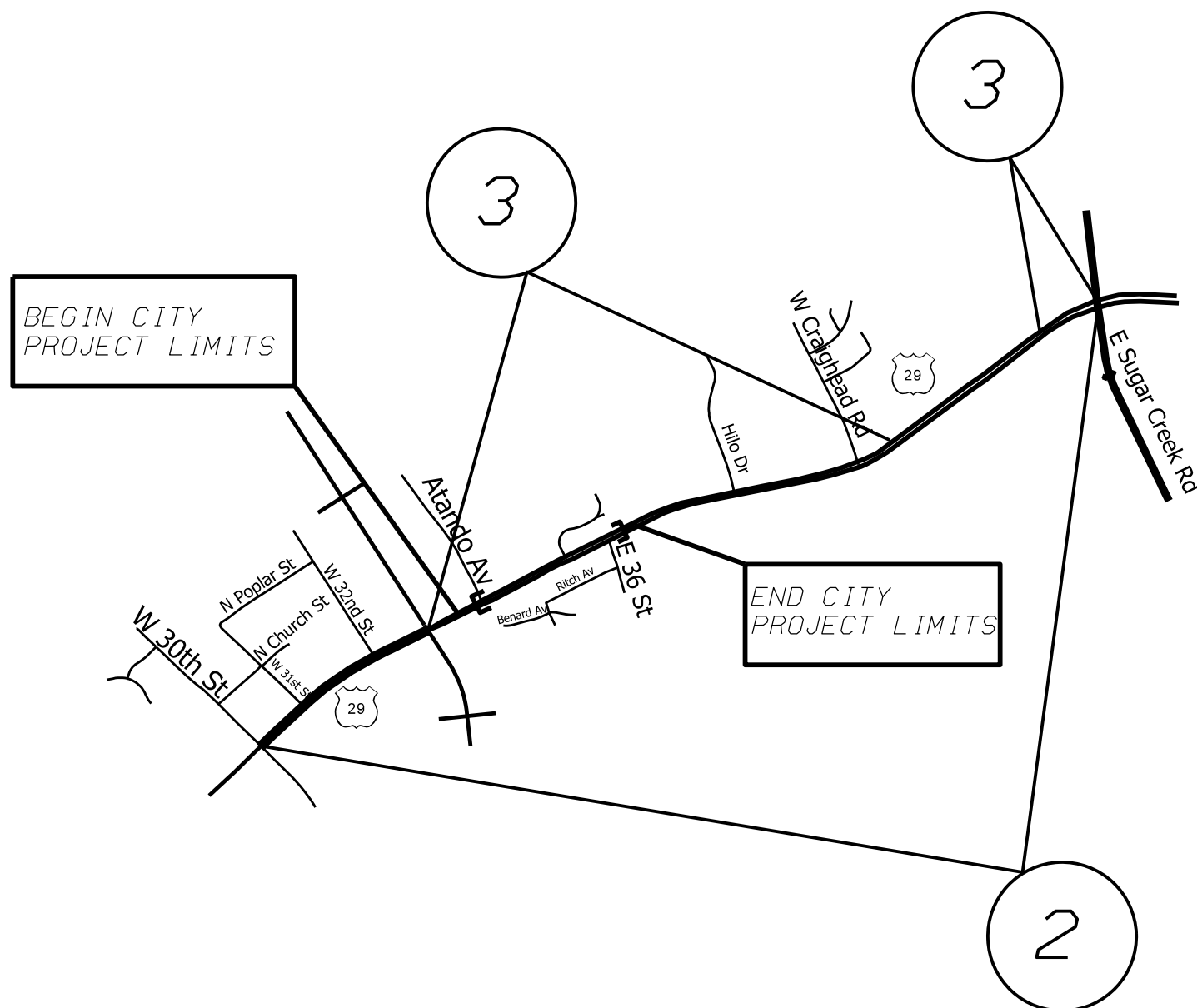
DESCRIPTION

FROM PVMT JT N OF ALEXANDRIANA RD TO
PVMT JT N OF MT. HOLLY HUNTERSVILLE RD

2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	
WBS NO. 2018CPT.10.11.10601.1,etc.			



SPECIAL NOTE:

OMIT PAVING OPERATIONS FROM NORTH OF INTERSECTION AT ATANDO AVE APPROXIMATELY 1295 FEET NORTH BOUND IN BOTH NORTH AND SOUTH BOUND DIRECTIONS WITHIN CITY OF CHARLOTTE PROJECT LIMITS

MAP

- # 2 US 29 NB
- # 3 US 29 SB
- # 3 US 29 SB

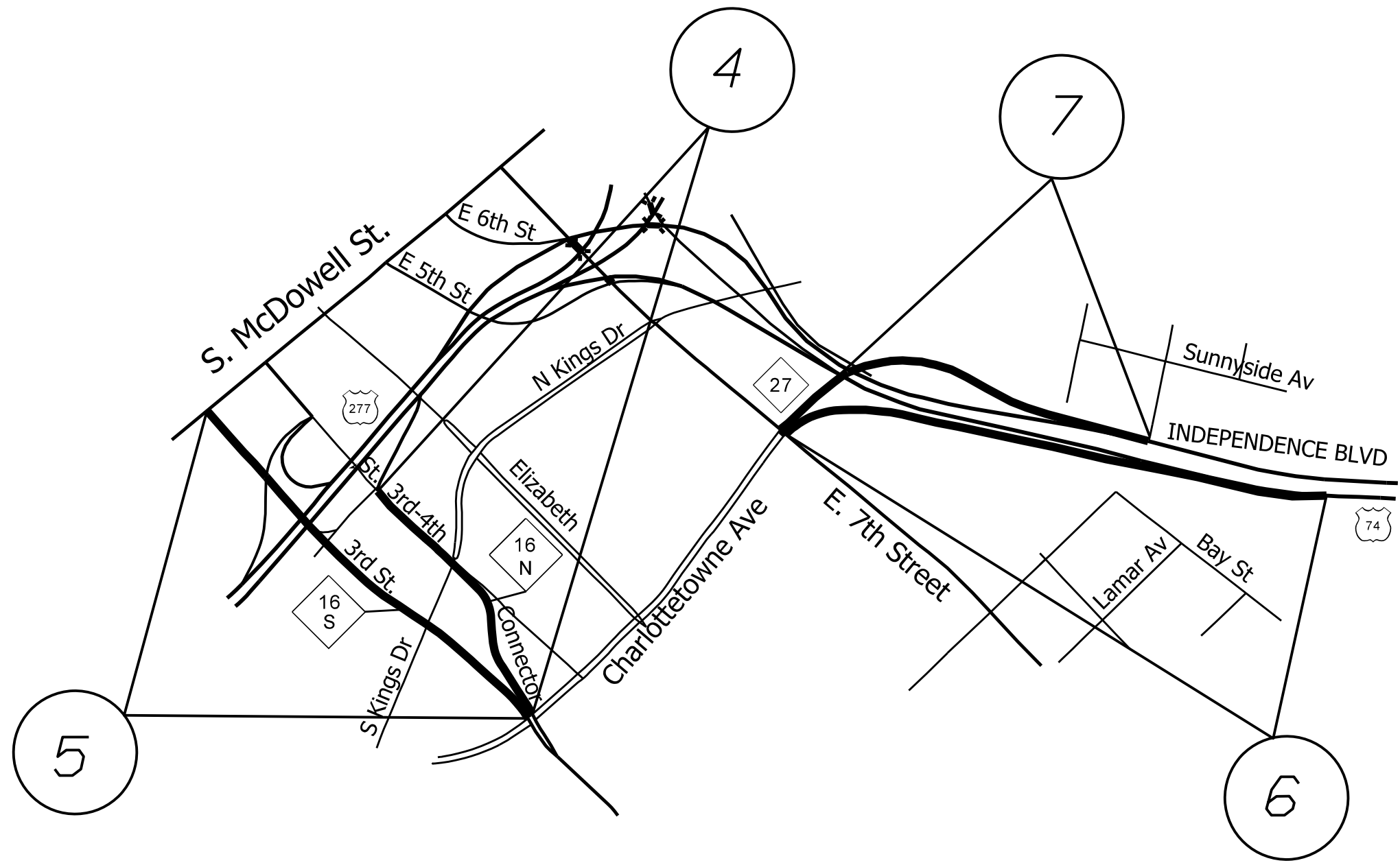
DESCRIPTION

- FROM 30TH ST. TO SUGAR CREEK RD
- FROM SUGAR CREEK RD TO END DIVIDE
- FROM BEGIN DIVIDE TO END DIVIDE

2018-2019 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		3	
WBS NO. 2018CPT.10.11.10601.1, etc.			



MAP

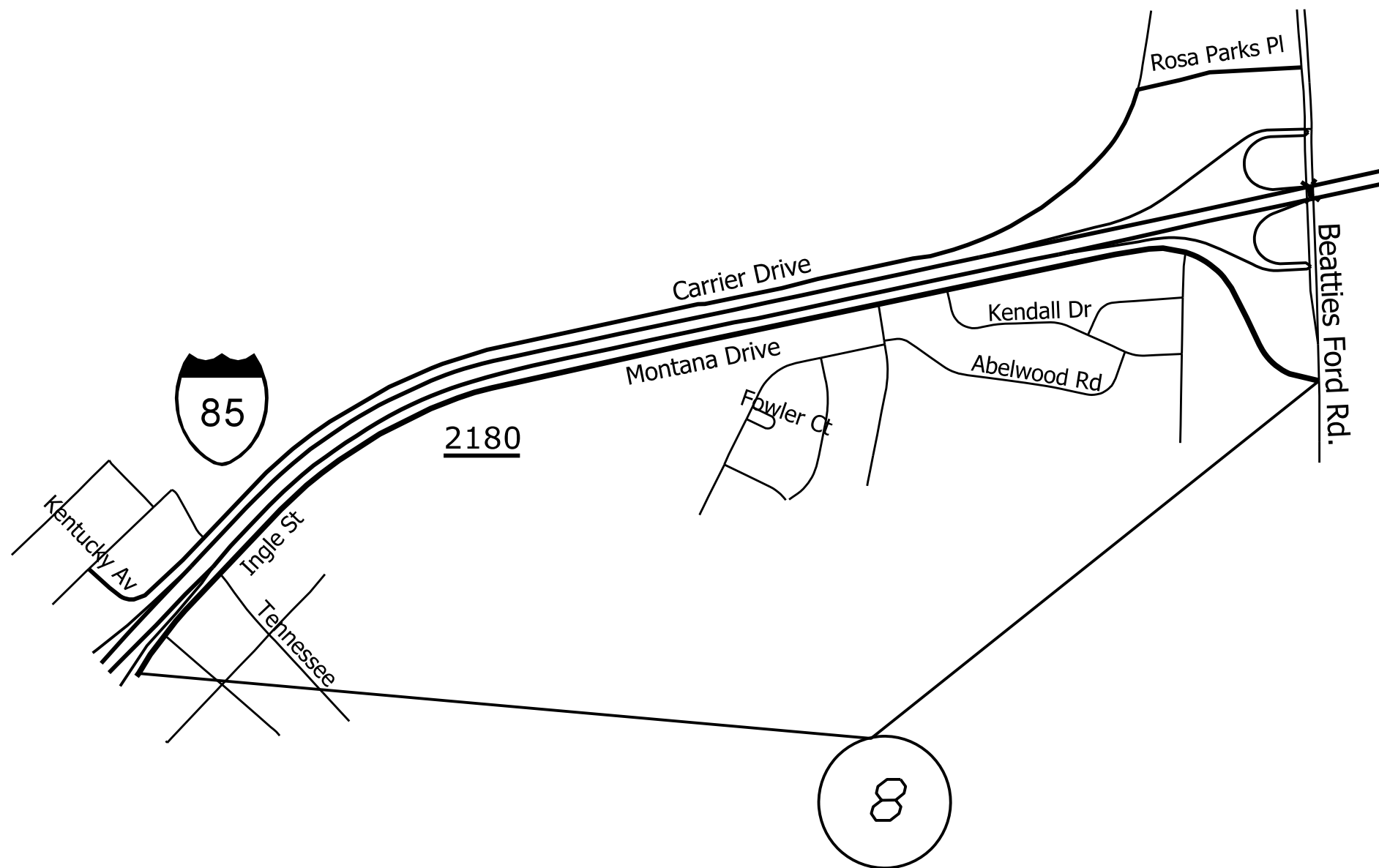
DESCRIPTION

- # 4 NC 16 NB 3RD-4TH ST. CONNECTOR
- # 5 NC 16 SB 3RD ST.
- # 6 NC 27 EB RAMP
- # 7 NC 27 WB RAMP

- FROM CHARLOTTETOWNE AVE TO I-277 RAMP
- FROM S. MCDOWELL ST TO CHARLOTTETOWNE AVE
- FROM CHARLOTTETOWNE AVE TO INDEPENDENCE BLVD
- FROM INDEPENDENCE BLVD TO E. 7TH ST

2018-2019 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	
DATE	2/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	
WBS NO. 2018CPT.10.11.10601.1, etc.			



MAP

DESCRIPTION

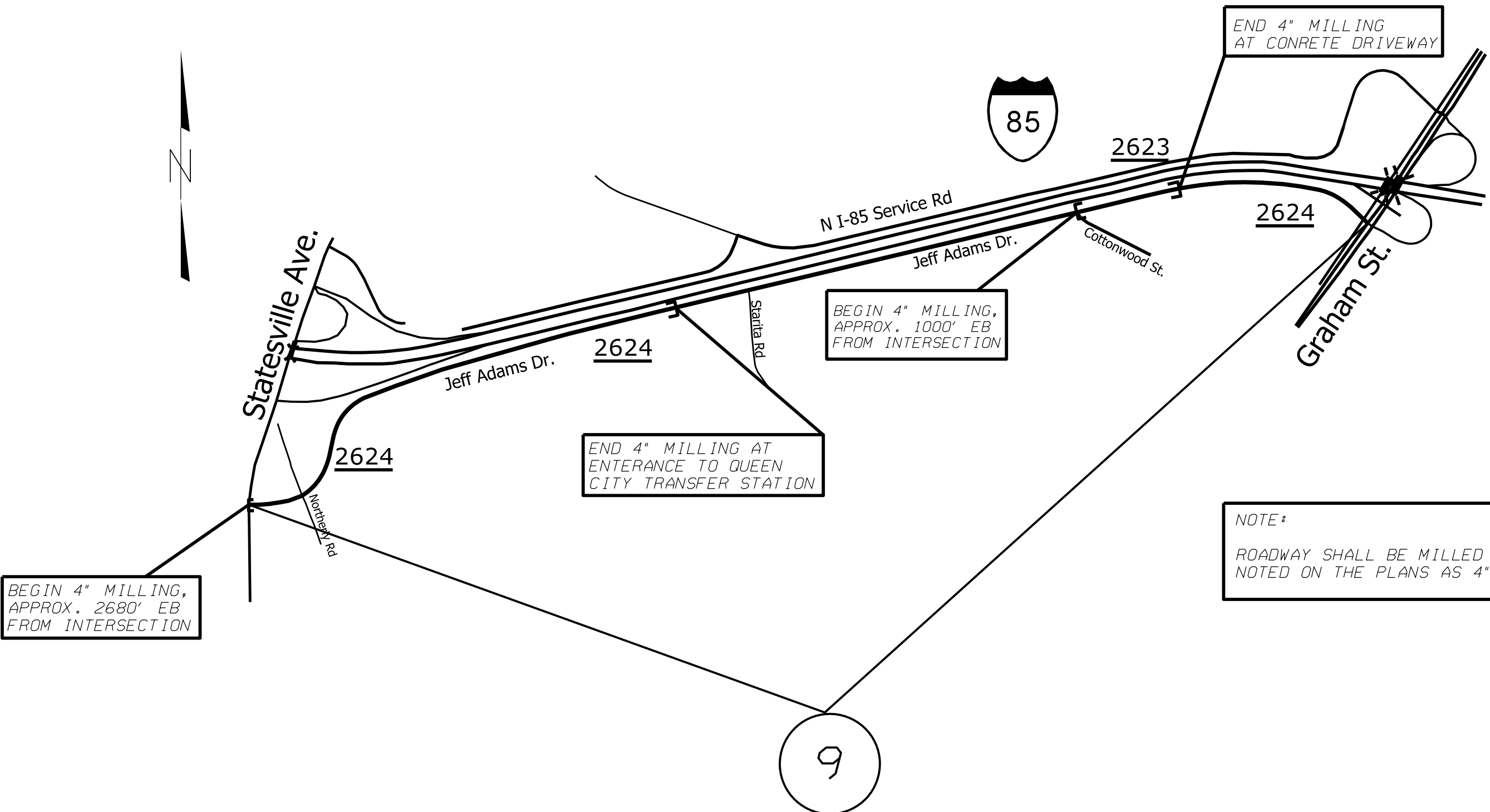
#8 SR 2180 MONTANA DR/INGLE ST

FROM BEATTIES FORD RD TO DEAD END

2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	
WBS NO. 2018CPT.10.11.10601.1, etc.			



NOTE:
ROADWAY SHALL BE MILLED 1.5" UNLESS NOTED ON THE PLANS AS 4" MILLING

BEGIN 4" MILLING,
APPROX. 2680' EB
FROM INTERSECTION

BEGIN 4" MILLING,
APPROX. 1000' EB
FROM INTERSECTION

END 4" MILLING AT
ENTERANCE TO QUEEN
CITY TRANSFER STATION

END 4" MILLING
AT CONCRETE DRIVEWAY


9

MAP

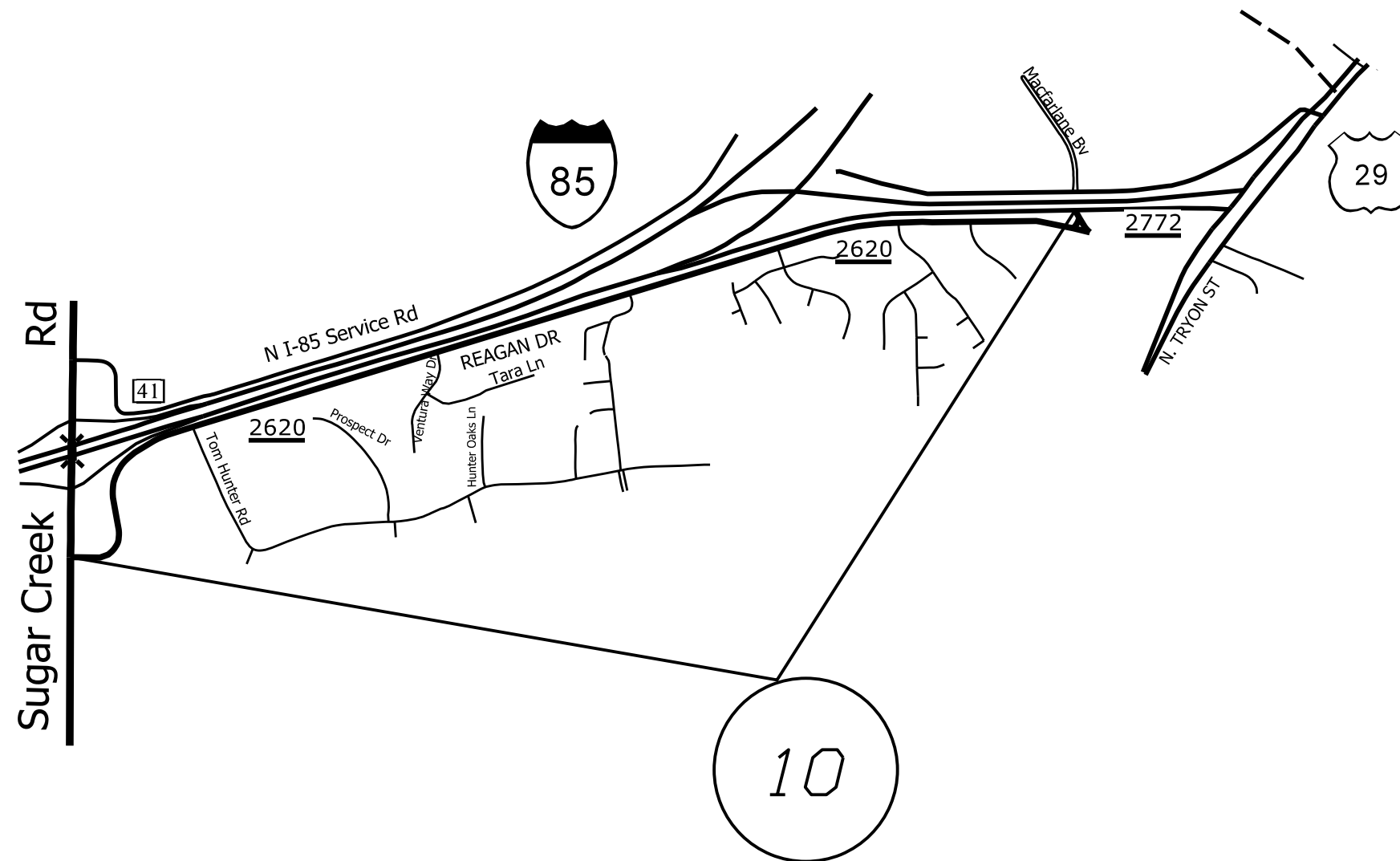
DESCRIPTION

9 SR 2624 JEFF ADAMS DR

FROM STATESVILLE AVE TO GRAHAM ST

2018-2019 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	 DIVISION OF HIGHWAYS <small>CONTRACT 7</small>
DATE	2/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		
		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		6	
WBS NO. 2018CPT.10.11.10601.1, etc.			



MAP

DESCRIPTION

10 SR 2620 REAGAN DR

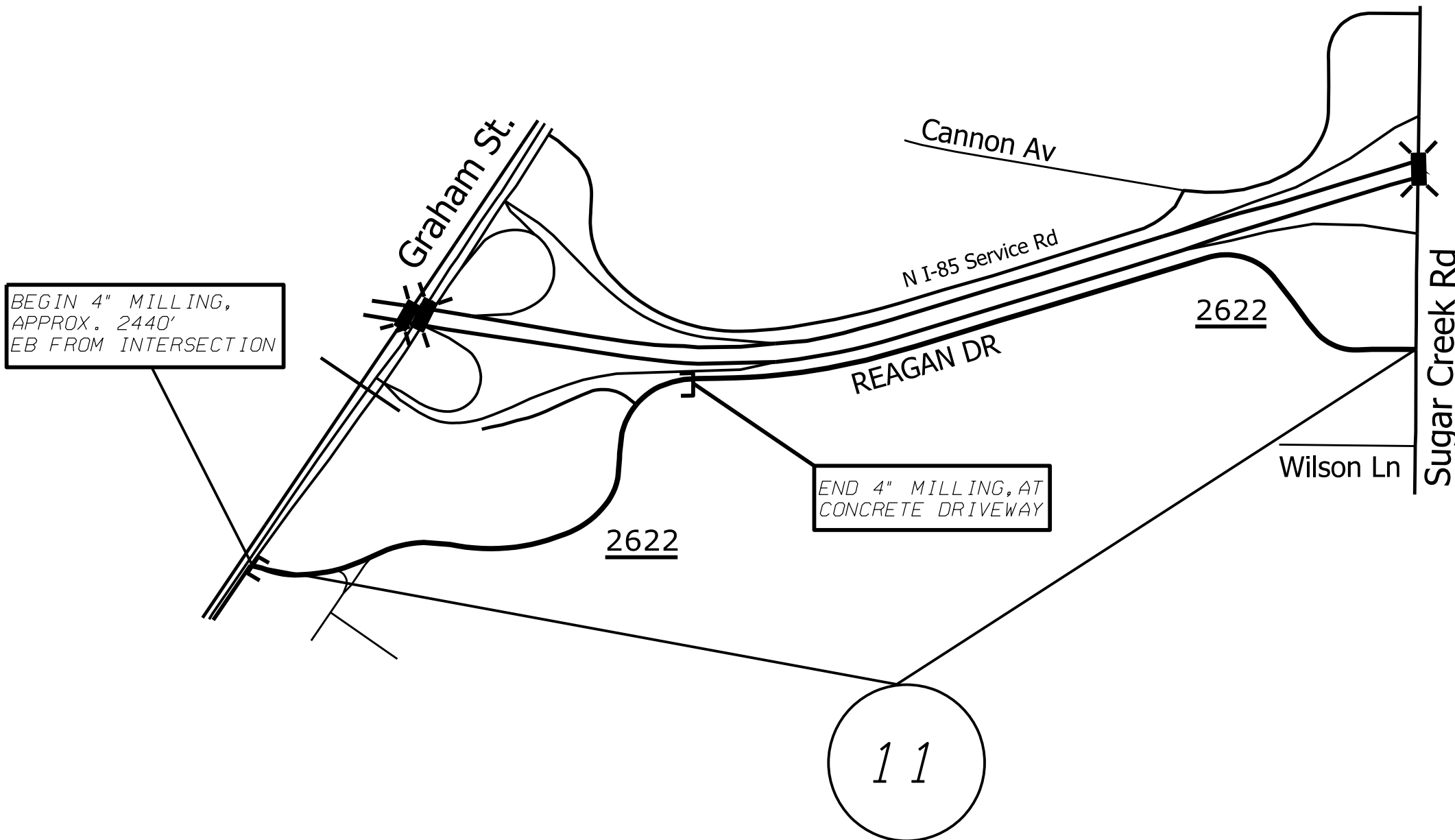
FROM SUGAR CREEK RD TO I-85 CONNECTOR RD.



2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		7	
WBS NO. 2018CPT.10.11.10601.1,etc.			



BEGIN 4" MILLING,
APPROX. 2440'
EB FROM INTERSECTION

END 4" MILLING, AT
CONCRETE DRIVEWAY


NOTE:
ROADWAY SHALL BE MILLED 1.5" UNLESS
NOTED ON THE PLANS AS 4" MILLING

MAP

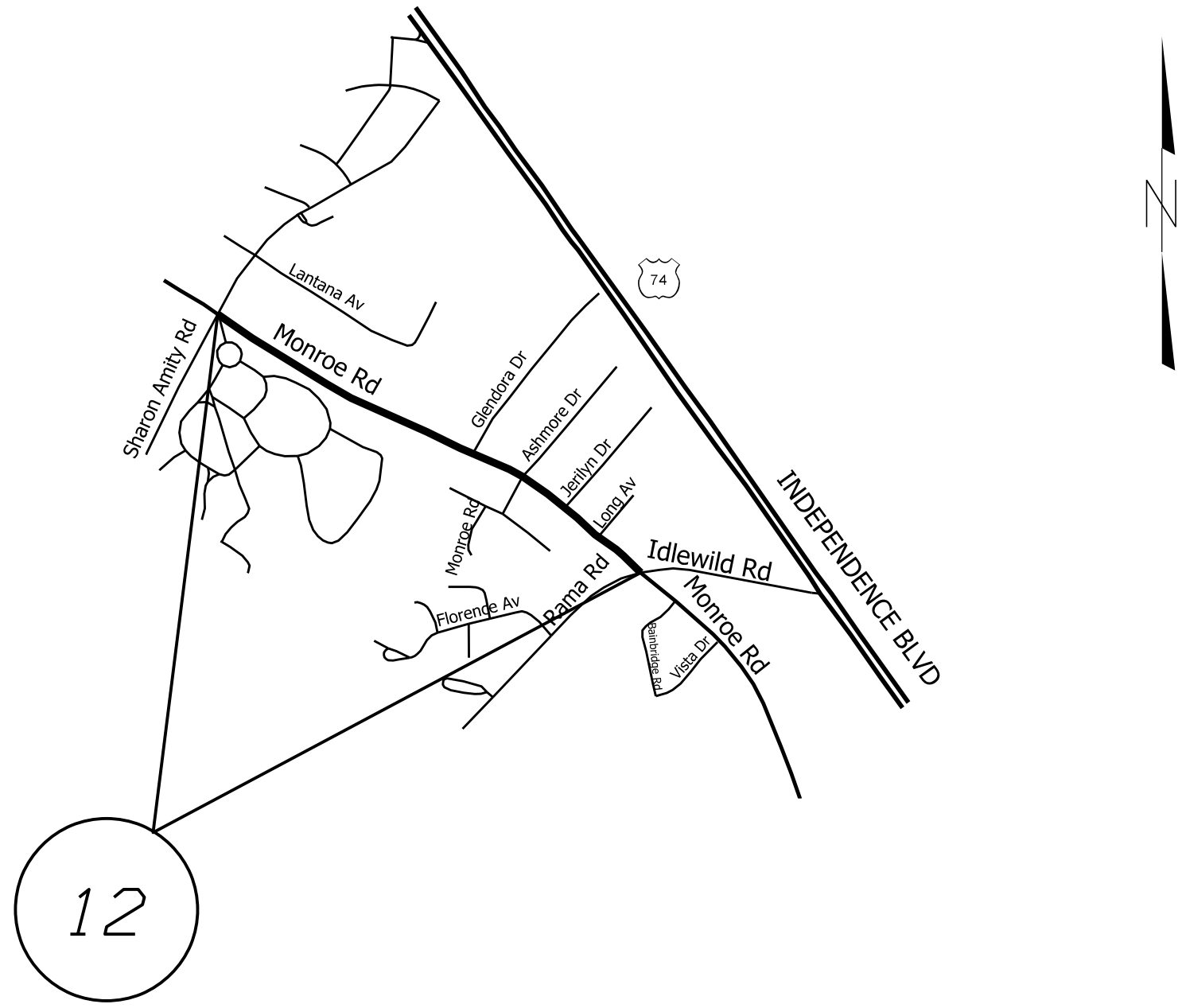
DESCRIPTION

11 SR 2622 REAGAN DR

FROM SUGAR CREEK RD TO GRAHAM ST

2018-2019 MECKLENBURG COUNTY RESURFACING		
SCALE	-NA-	 <small>DIVISION OF HIGHWAYS DISTRICT 2</small>
DATE	2/18	
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		8	
WBS NO. 2018CPT.10.11.10601.1,etc.			



MAP

DESCRIPTION

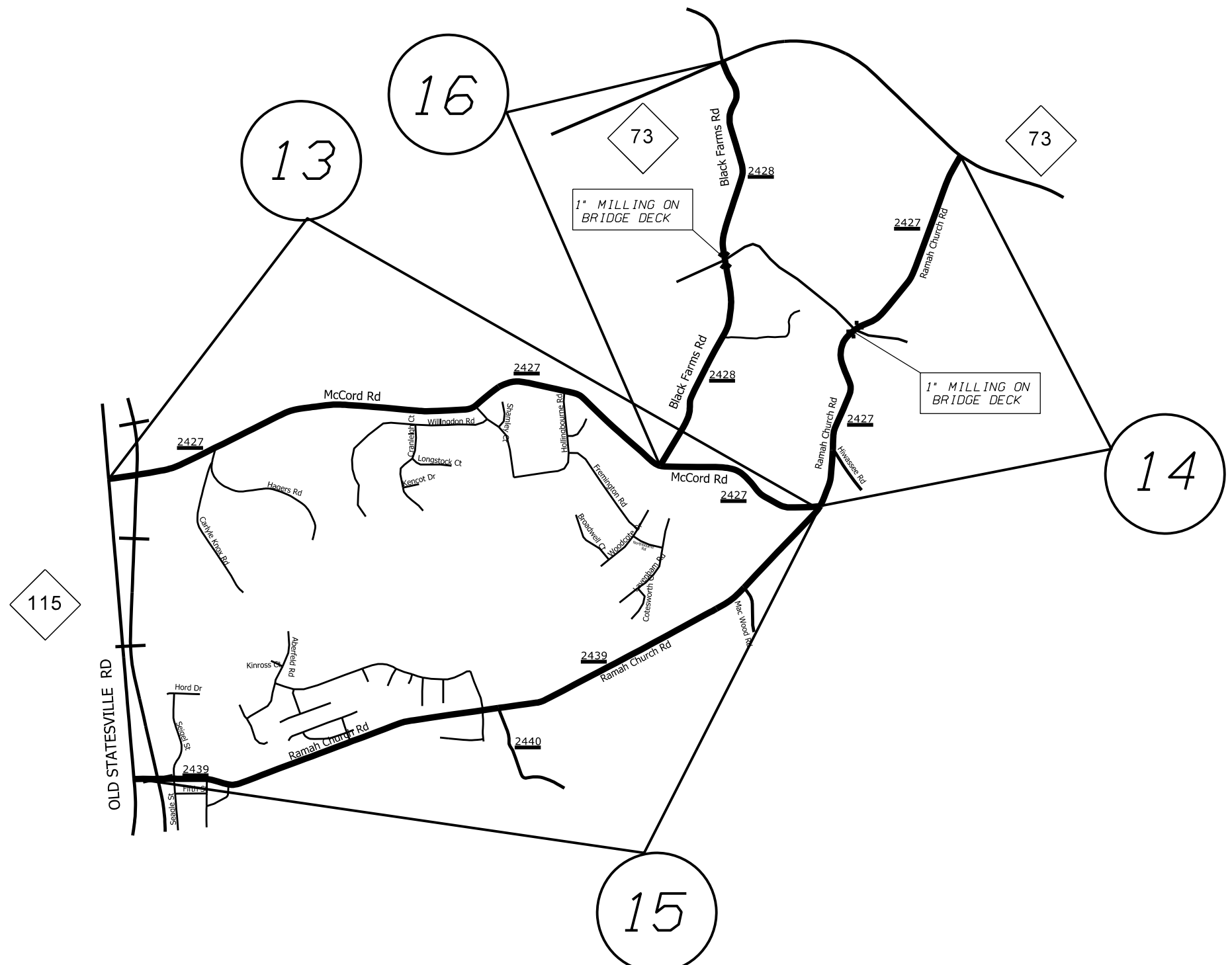
12 SR 1009 MONROE ROAD

FROM SHARON AMITY TO IDLEWILD RD

2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		9	
WBS NO. 2018CPT.10.11.10601.1, etc.			



MAP

DESCRIPTION

13 SR 2427 MCCORD RD

14 SR 2427 RAMAH CHURCH RD

15 SR 2439 RAMAH CHURCH RD

16 SR 2428 BLACK FARM RD

FROM NC 115 TO RAMAH CHURCH RD

FROM MCCORD RD TO NC 73

FROM NC 115 TO MCCORD RD

FROM MCCORD RD TO NC 73

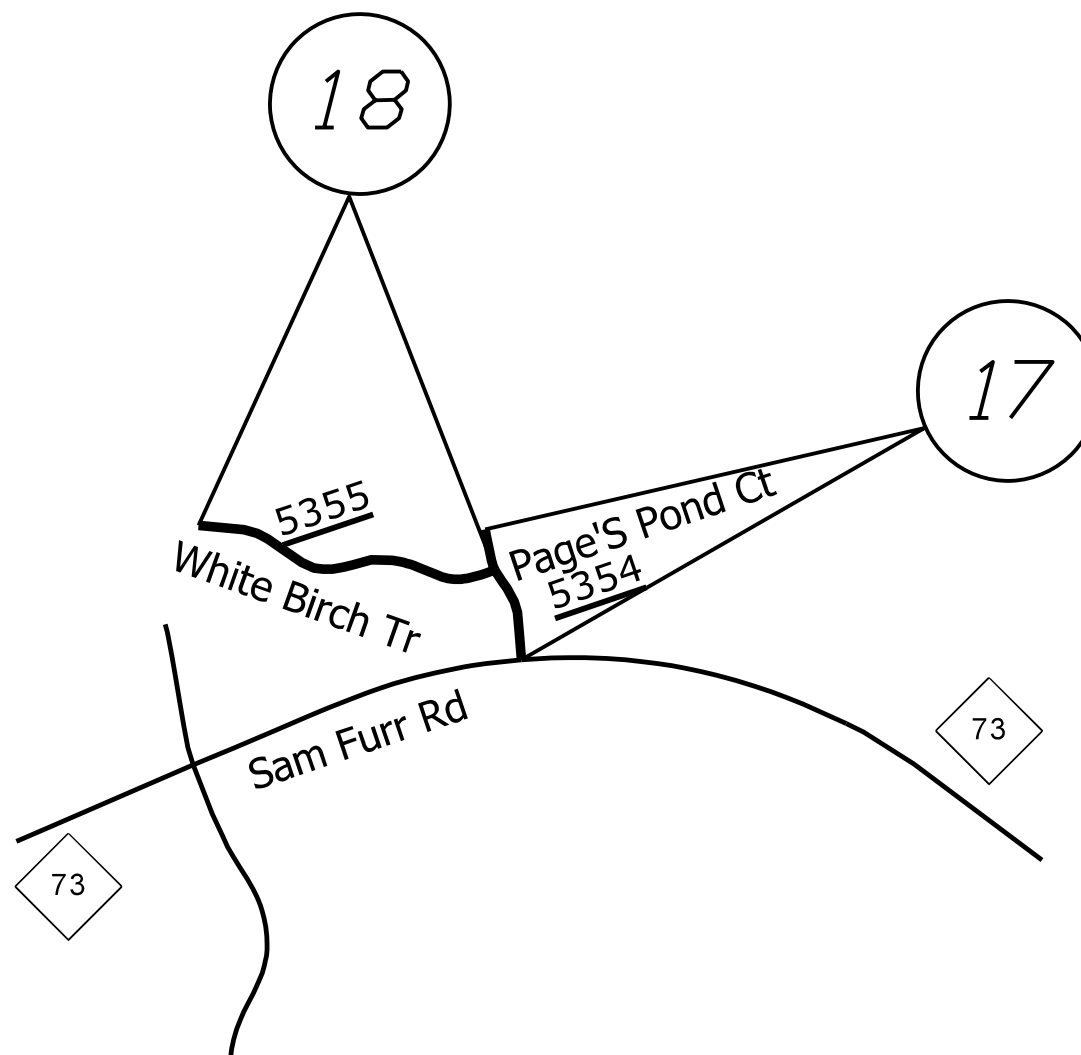
2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-
DATE	2/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		10	
WBS NO. 2018CPT.10.11.10601.1,etc.			



MAP

17 SR 5354 PAGES POND CT

18 SR 5355 WHITE BIRCH TRAIL

DESCRIPTION

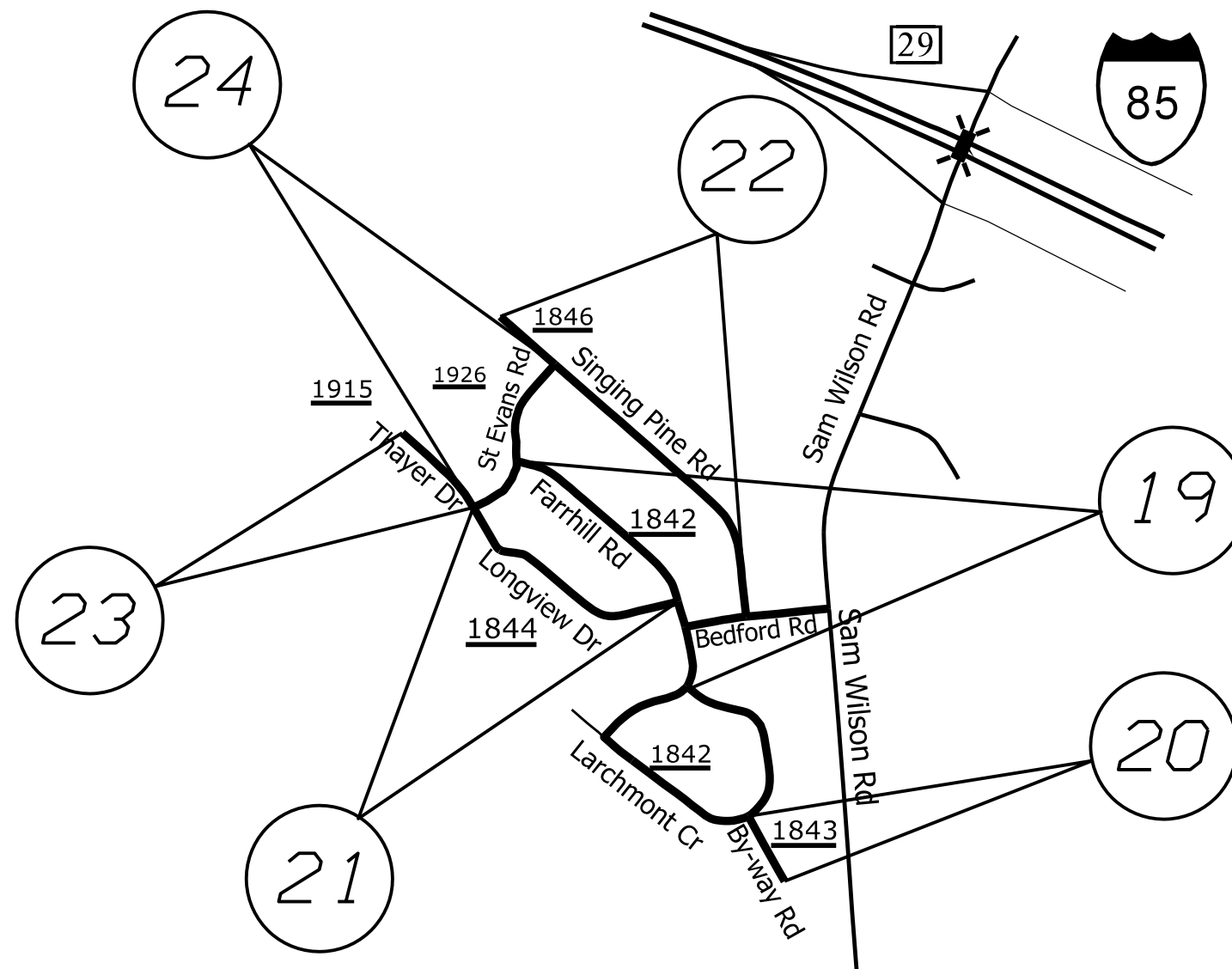
FROM NC 73 SAM FURR TO
CUL-DE-SAC

FROM PAGES POND CT TO
CUL-DE-SAC

2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/18		
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	
WBS NO. 2018CPT.10.11.10601.1,etc.			



MAP

DESCRIPTION

19 SR 1842 FARRHILL RD/LARCHMONT CIRCLE

FROM SAINT EVANS RD TO LARCHMONT CIRCLE

20 SR 1843 BY-WAY RD

FROM LARCHMONT CR TO DEAD END

21 SR 1844 LONGVIEW DR

FROM THAYER RD TO FARRHILL RD

22 SR 1846 SINGING PINE RD

FROM BEDFORD TO DEAD END

23 SR 1915 THAYER RD

FROM LONGVIEW DR TO DEAD END

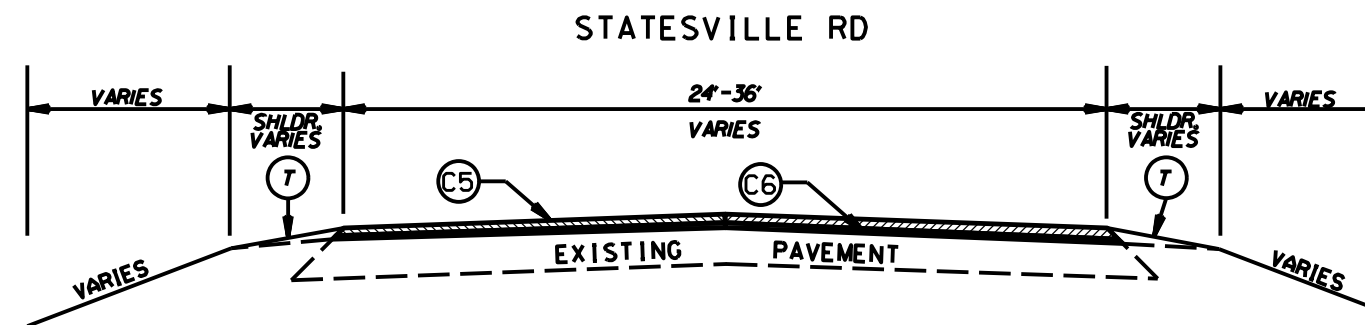
24 SR 1926 SAINT EVANS RD

FROM SINGING PINE TO THAYER RD

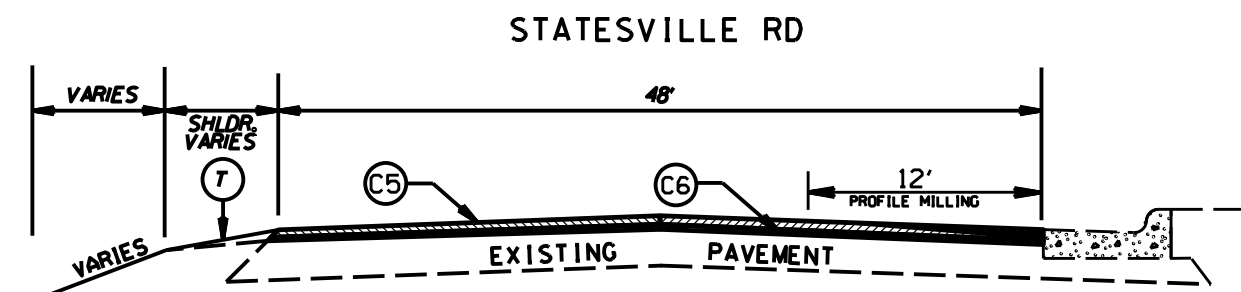
2018-2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/18			
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

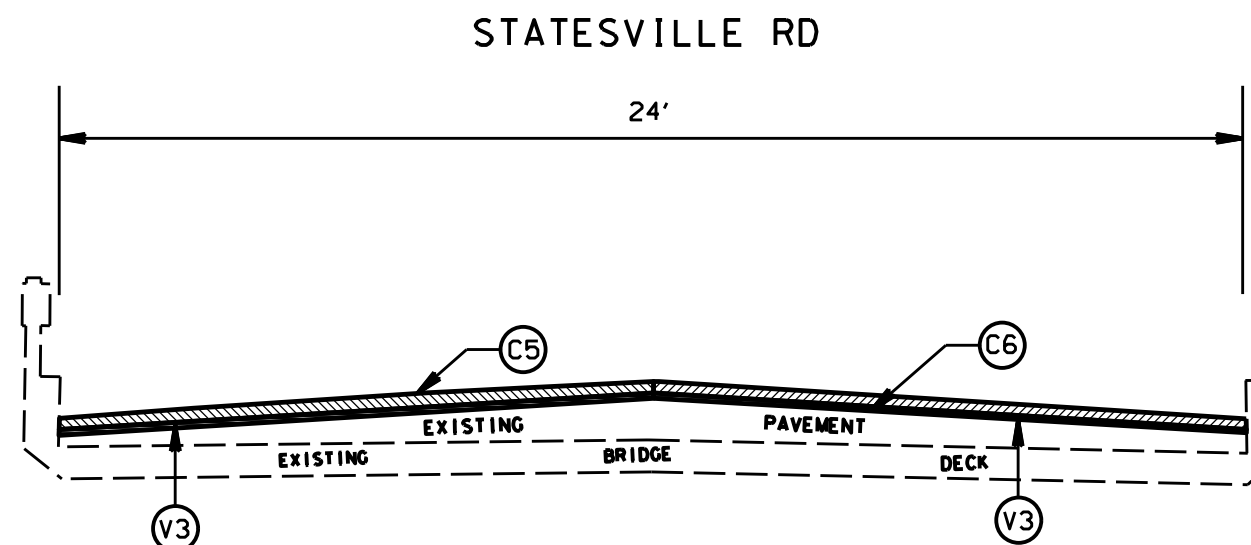
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.."
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION



TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 2



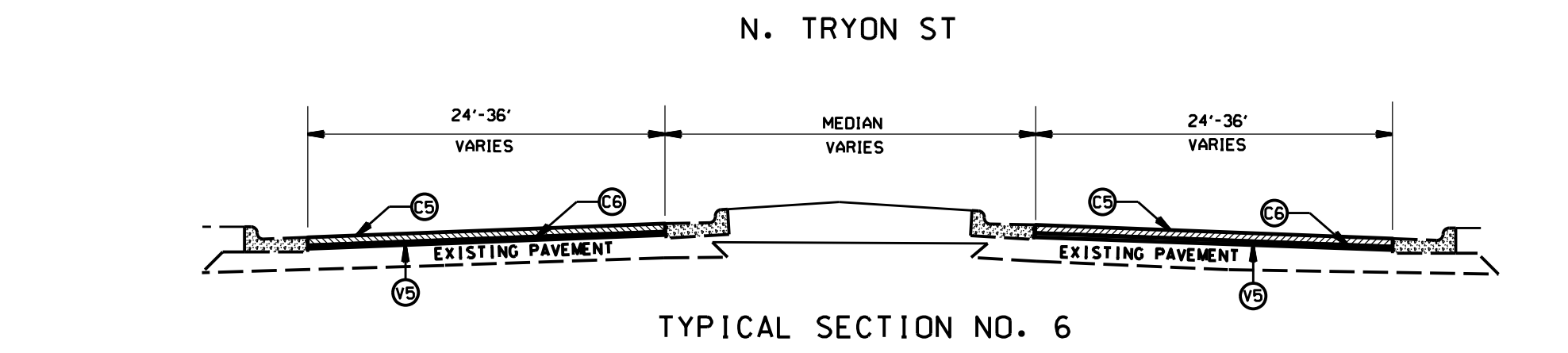
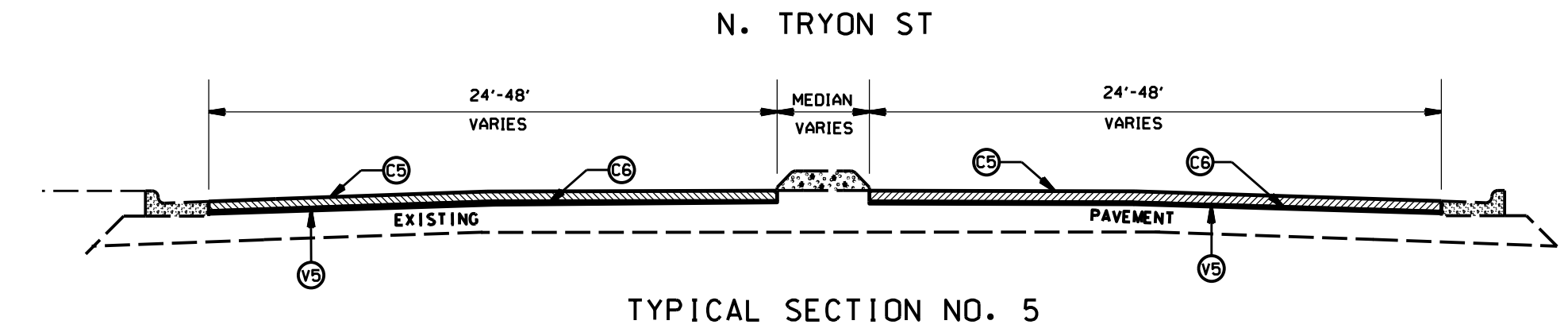
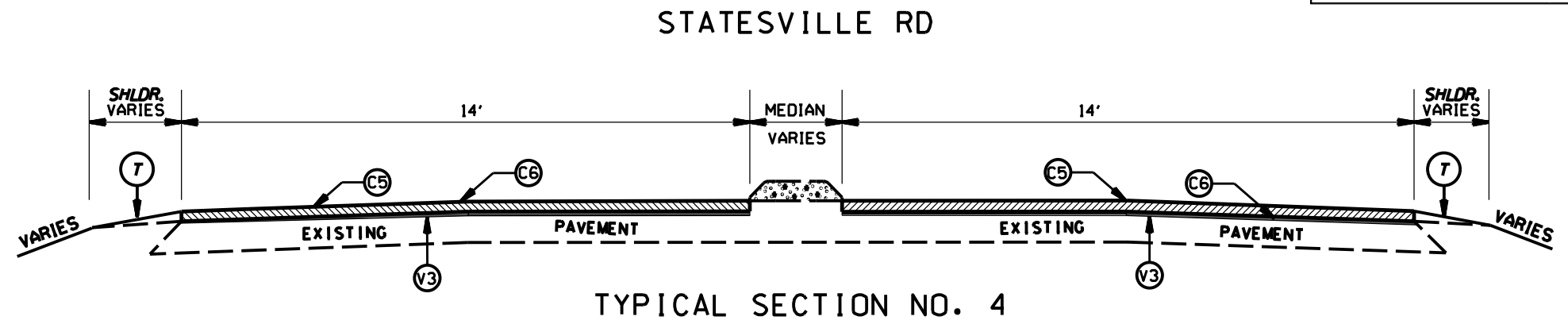
TYPICAL SECTION NO. 3
BRIDGE

2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/18		4/4/18
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	
WBS NO. 2018CPT.10.11.10601.1, etc.			

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

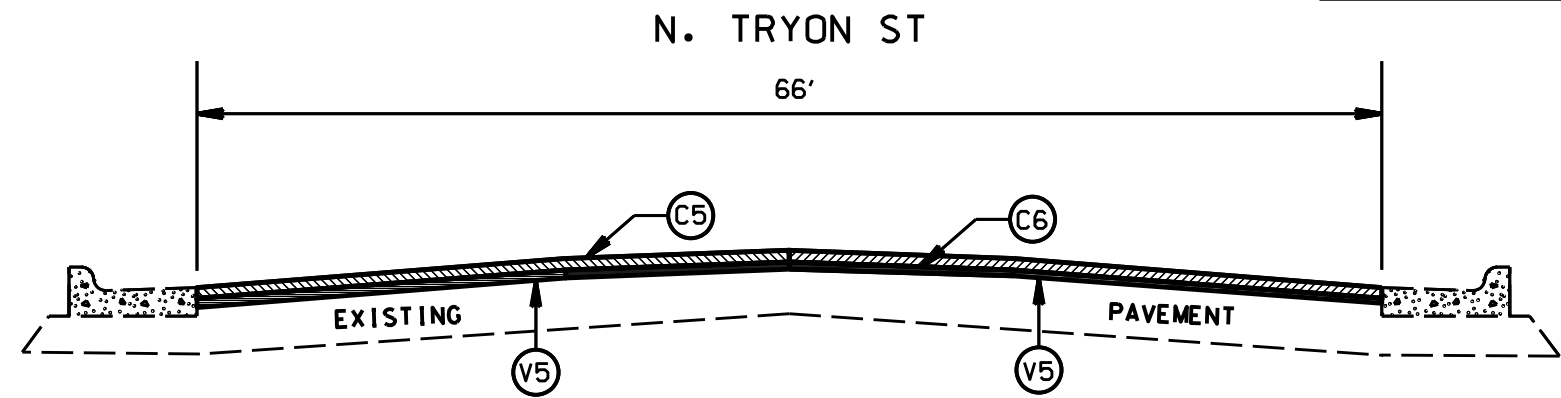


**2018/2019 MECKLENBURG COUNTY
RESURFACING**

SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

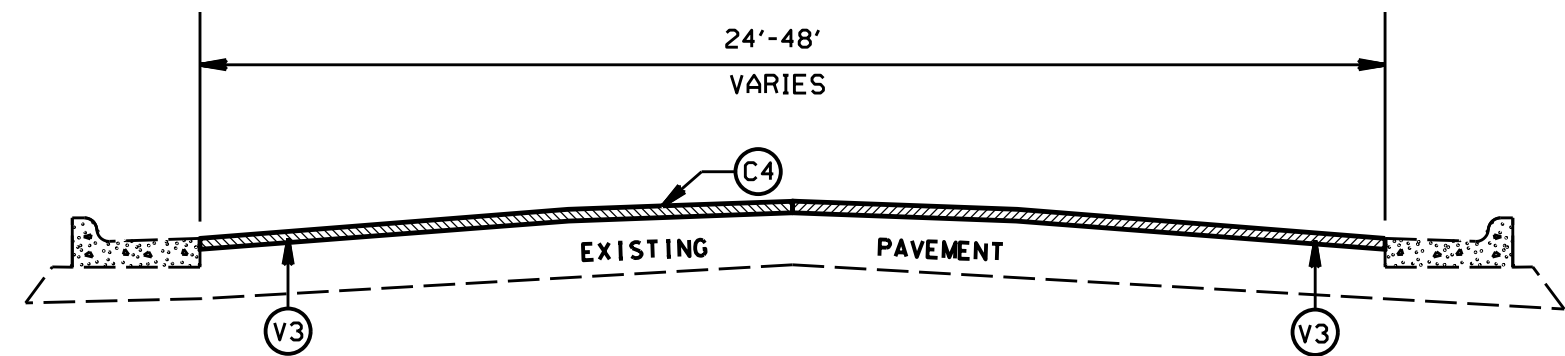
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		14	
WBS NO. 2018CPT.10.11.10601.1, etc.			

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
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F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

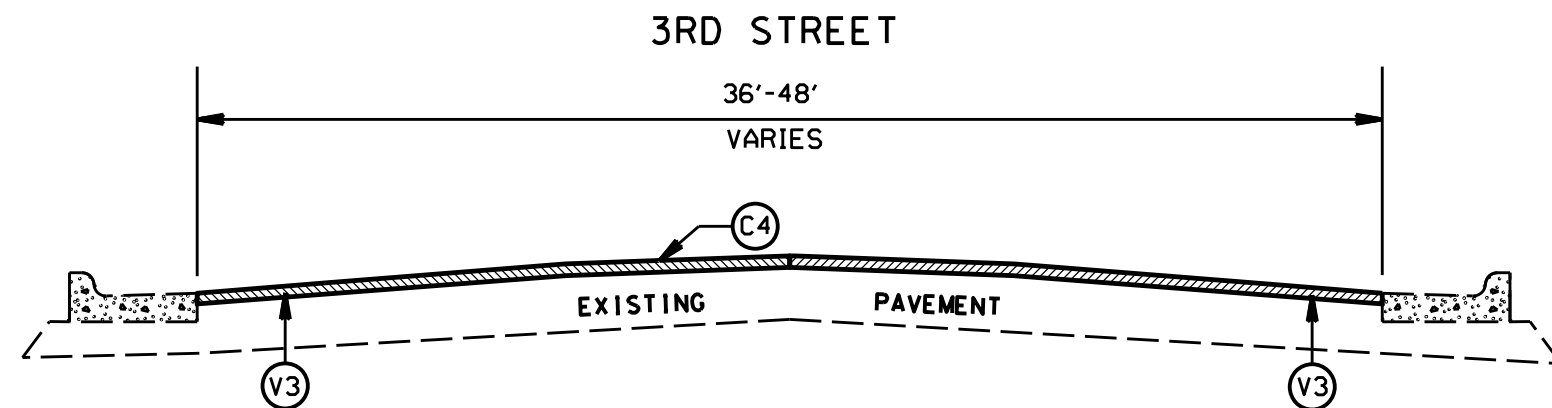


TYPICAL SECTION NO. 7

3RD-4TH ST CONNECTOR



TYPICAL SECTION NO. 8



TYPICAL SECTION NO. 9

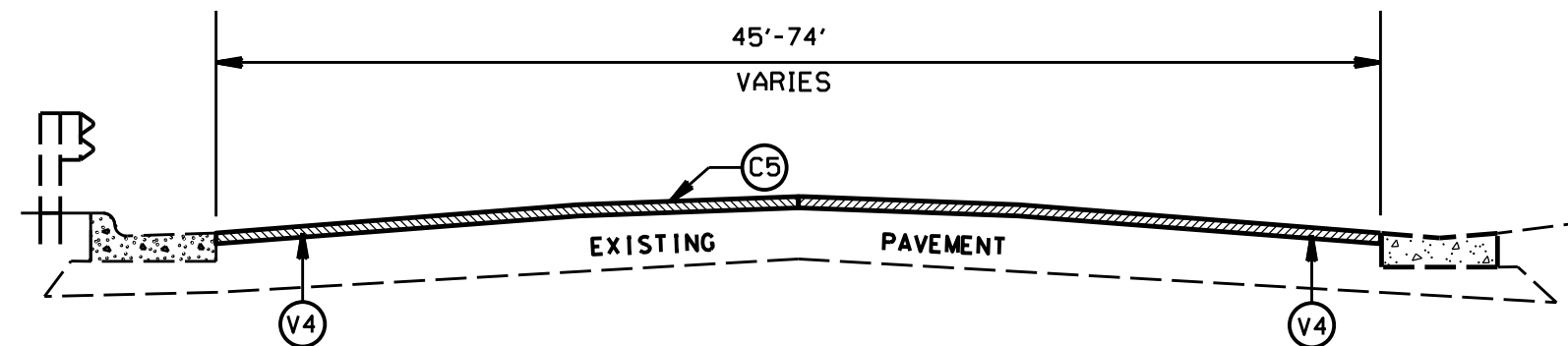
2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		15	
WBS NO. 2018CPT.10.11.10601.1, etc.			

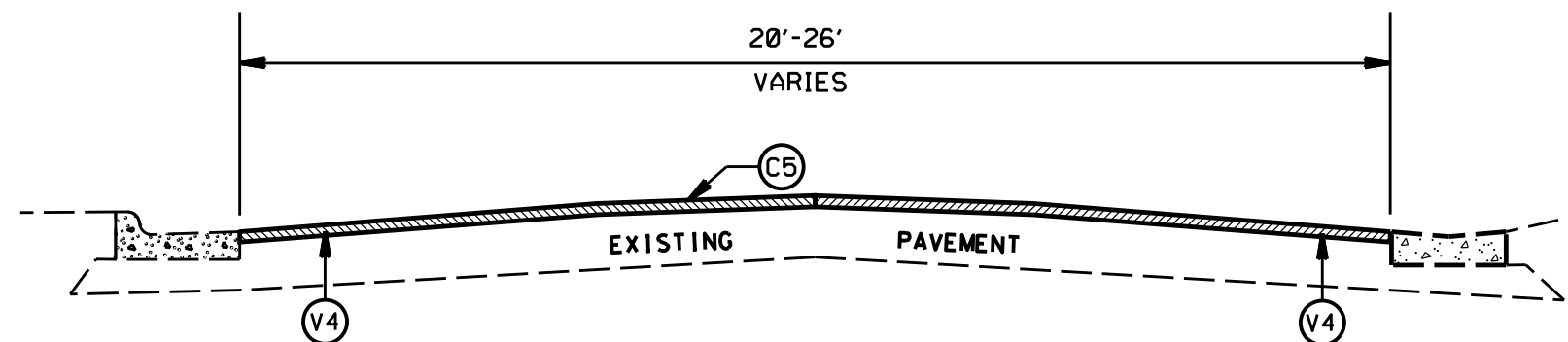
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

ON RAMP TO US 74



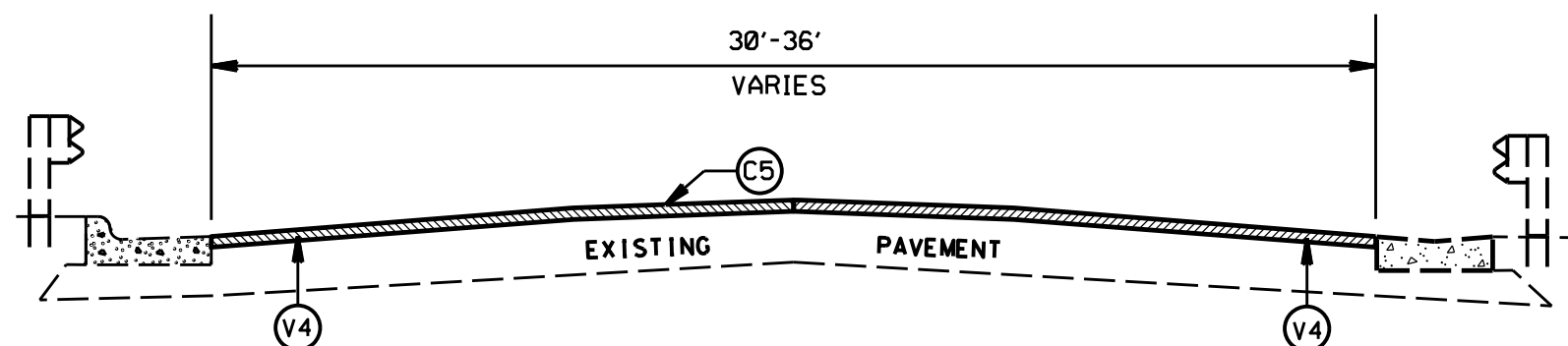
TYPICAL SECTION NO. 10

OFF RAMP TO US 74



TYPICAL SECTION NO. 11

OFF RAMP TO US 74



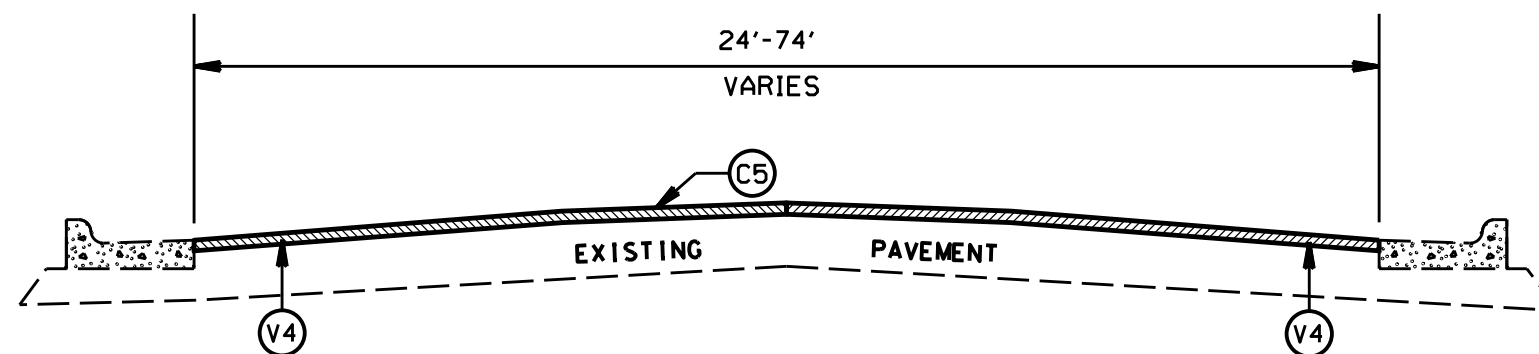
TYPICAL SECTION NO. 12

2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/18		4/4/18
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

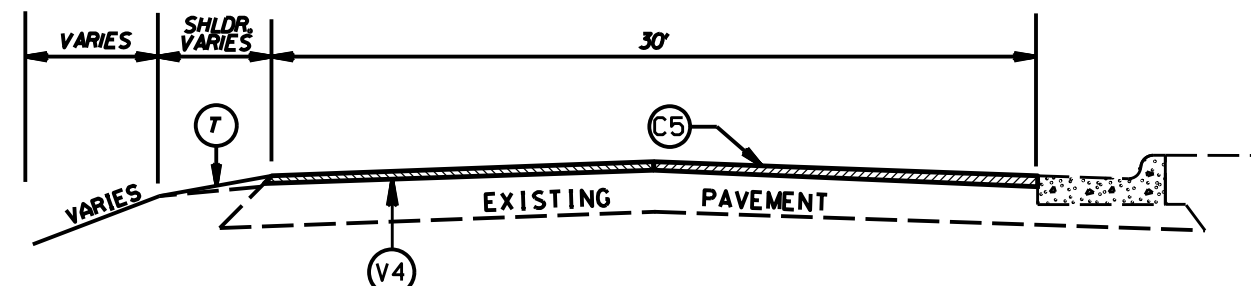
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		16	
WBS NO. 2018CPT.10.11.10601.1,etc.			

ON & OFF RAMP TO US 74
MONTANA/INGLE ST



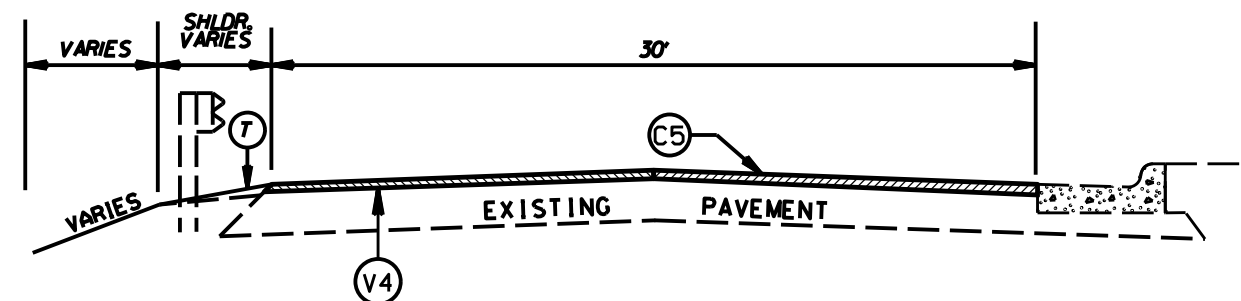
TYPICAL SECTION NO. 13

MONTANA/INGLE ST



TYPICAL SECTION NO. 14

MONTANA/INGLE ST



TYPICAL SECTION NO. 15

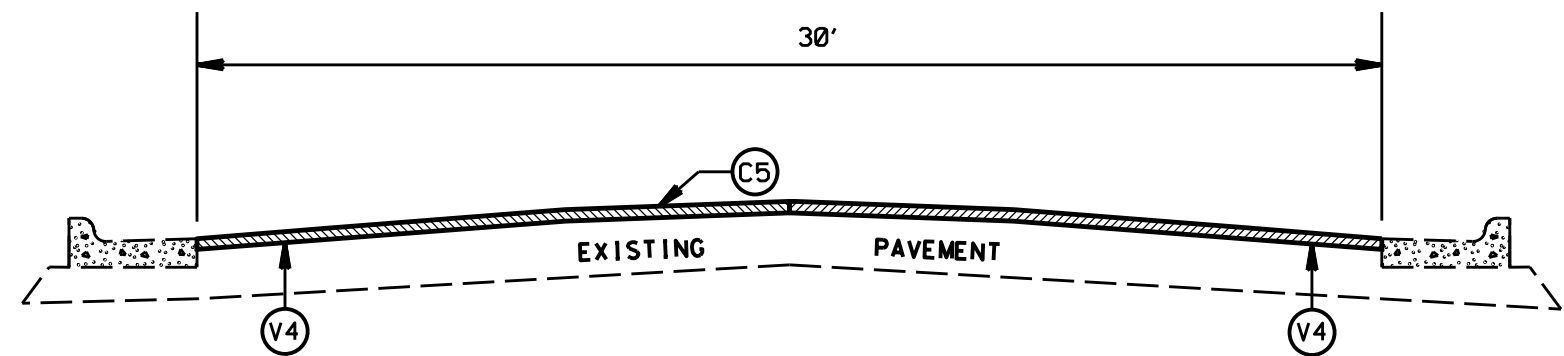
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.,
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/18		4/4/18
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

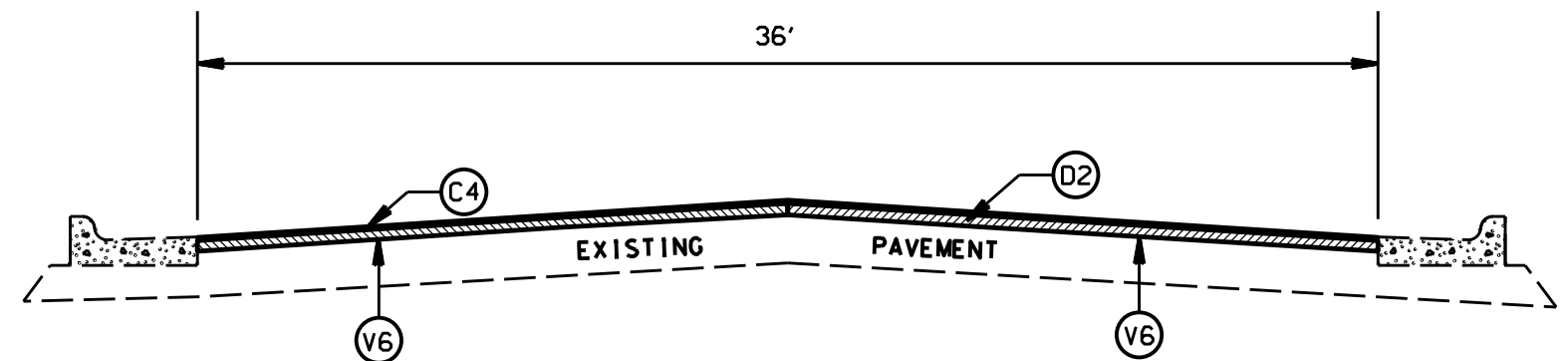
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N.C.		17	
WBS NO. 2018CPT.10.11.10601.1,etc.			

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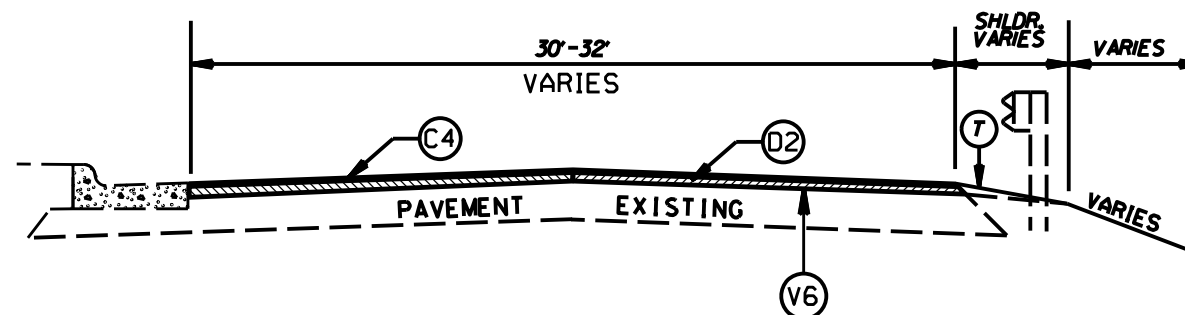
TYPICAL SECTION NO. 16

JEFF ADAMS DR
REAGAN DR FROM GRAHAM TO SUGAR CREEK



TYPICAL SECTION NO. 17

JEFF ADAMS DR



TYPICAL SECTION NO. 18

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

2018/2019 MECKLENBURG COUNTY
RESURFACING

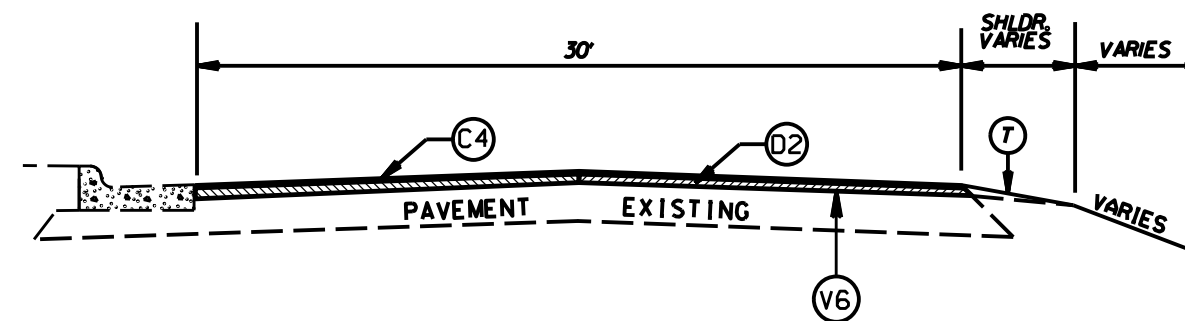
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DATE	3/18	4/4/18
DWG. BY	JHE	
DESIGN BY	JHE	
APPROVED		



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		18	
WBS NO. 2018CPT.10.11.10601.1, etc.			

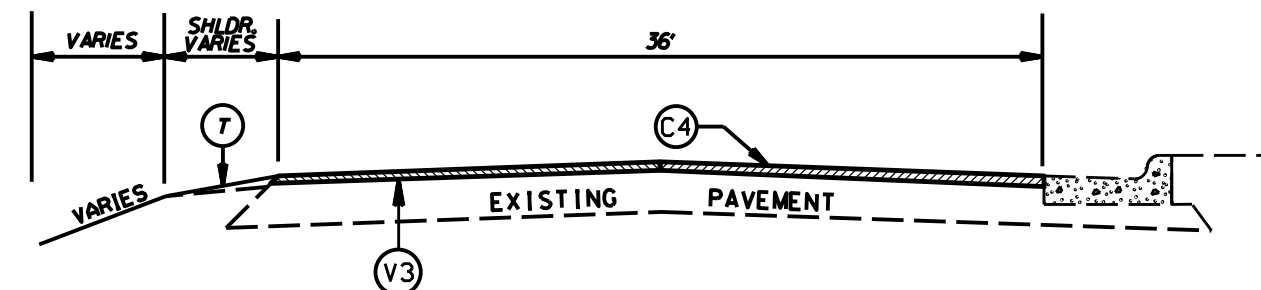
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.,
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

JEFF ADAMS DR
REAGAN DR FROM GRAHAM TO SUGAR CREEK



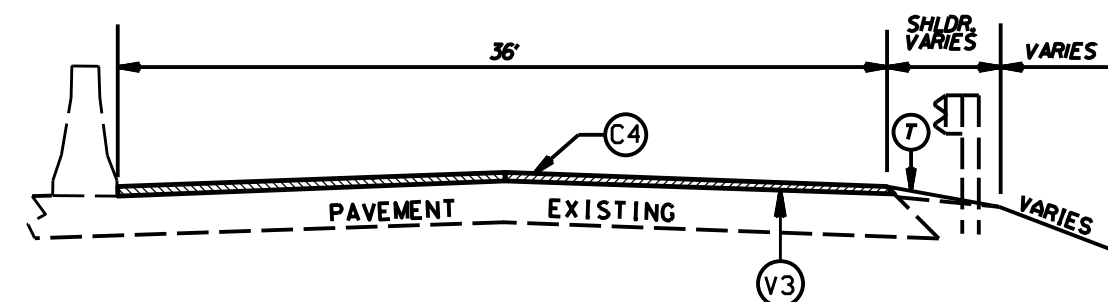
TYPICAL SECTION NO. 19

JEFF ADAMS DR



TYPICAL SECTION NO. 20

JEFF ADAMS DR



TYPICAL SECTION NO. 21

2018/2019 MECKLENBURG COUNTY
RESURFACING

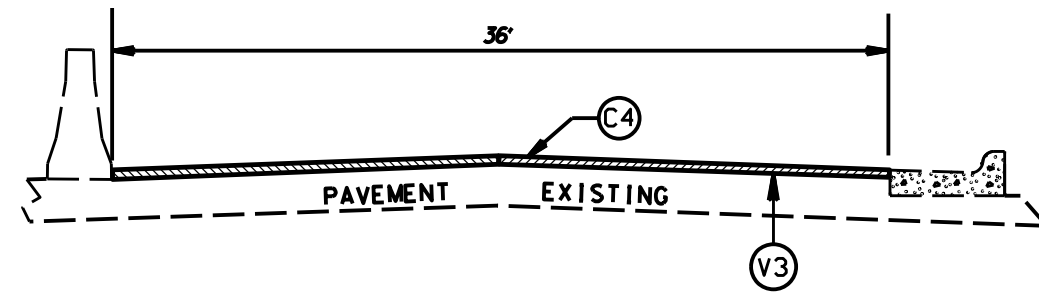
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DATE	3/18
DWG. BY	JHE
DESIGN BY	JHE
APPROVED	



REVISIONS	
4/4/18	

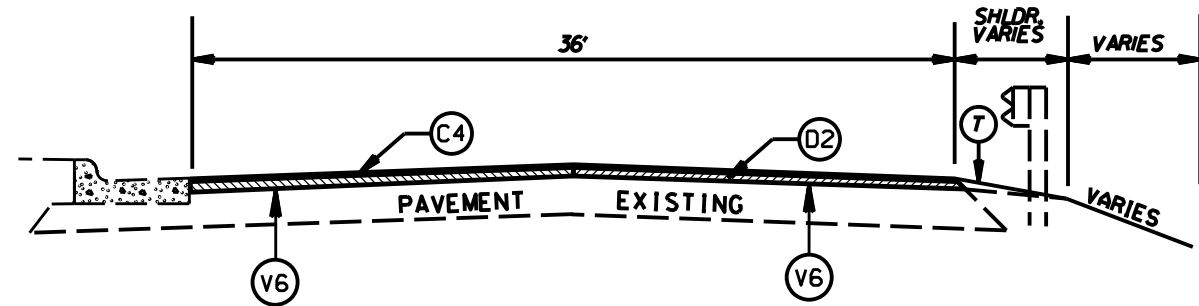
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		19	
WBS NO. 2018CPT.10.11.10601.1, etc.			

JEFF ADAMS DR
REAGAN DR FROM GRAHAM TO SUGAR CREEK



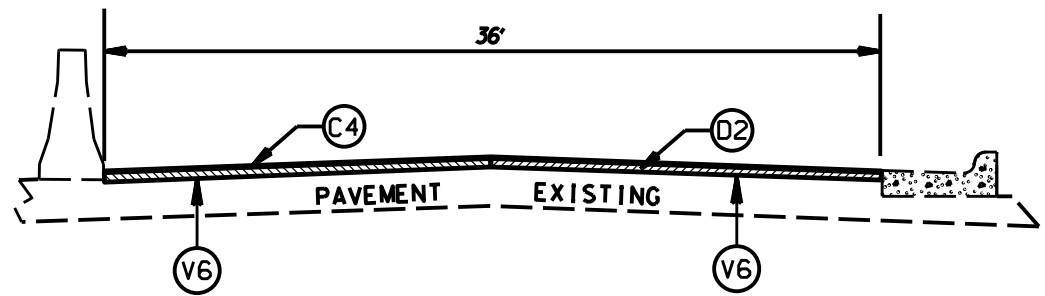
TYPICAL SECTION NO. 22

REAGAN DR
FROM GRAHAM TO SUGAR CREEK



TYPICAL SECTION NO. 23

REAGAN DR
FROM GRAHAM TO SUGAR CREEK



TYPICAL SECTION NO. 24

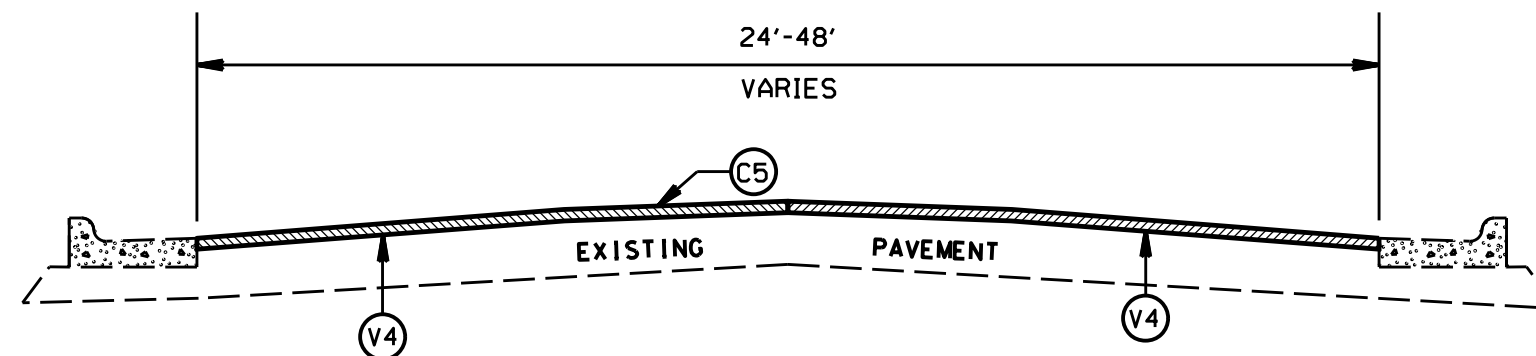
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/18		4/4/18
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

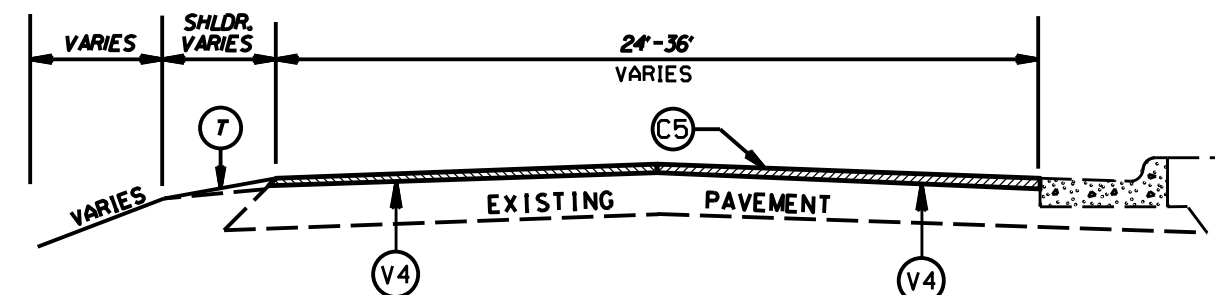
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		20	
WBS NO. 2018CPT.10.11.10601.1,etc.			

REAGAN DR
FROM SUGAR CREEK TO CONNECTOR



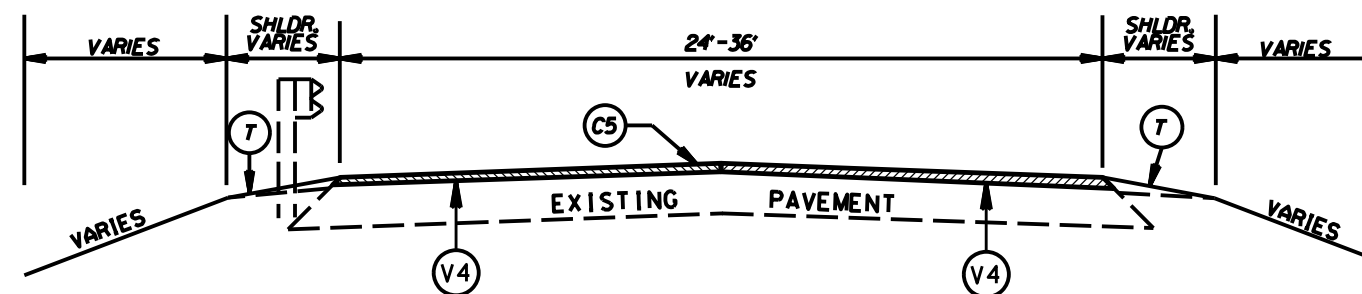
TYPICAL SECTION NO. 25

REAGAN DR
FROM SUGAR CREEK TO CONNECTOR



TYPICAL SECTION NO. 26

REAGAN DR
FROM SUGAR CREEK TO CONNECTOR



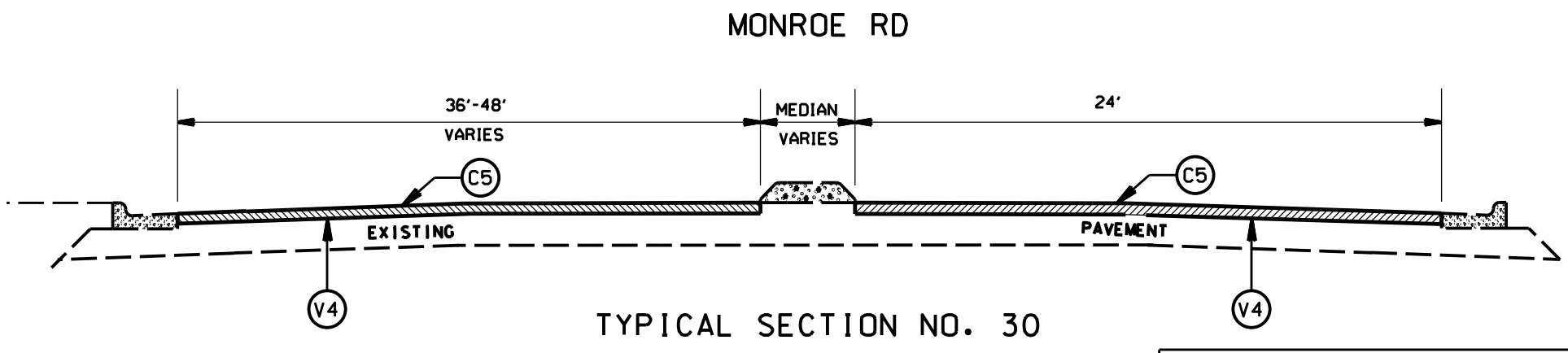
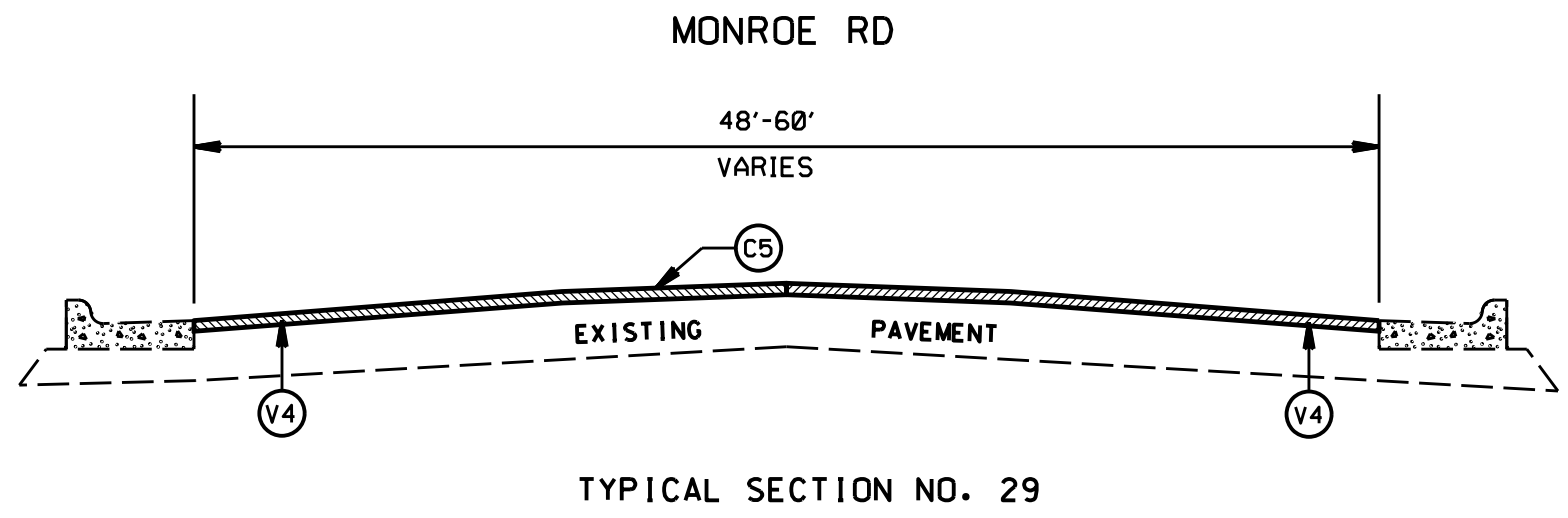
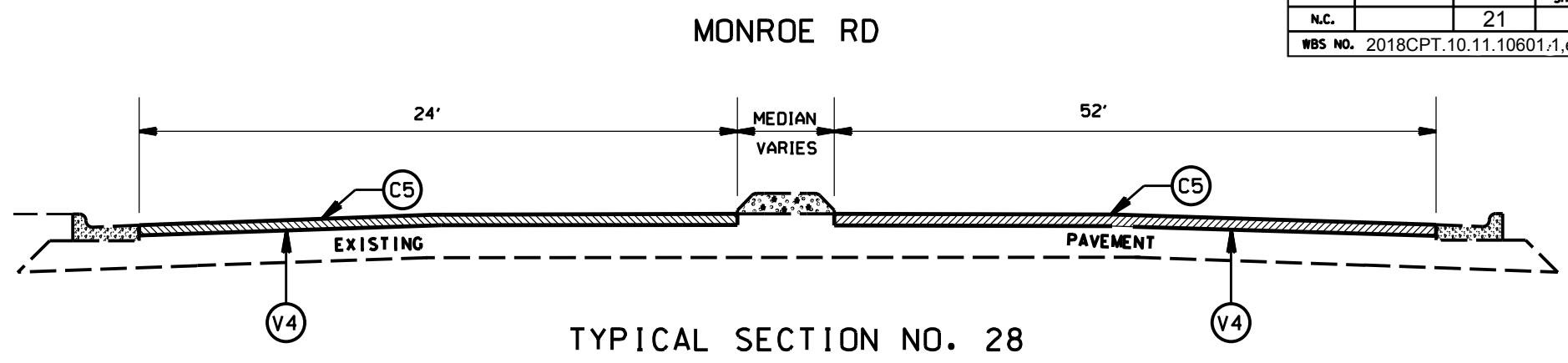
TYPICAL SECTION NO. 27

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION


2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

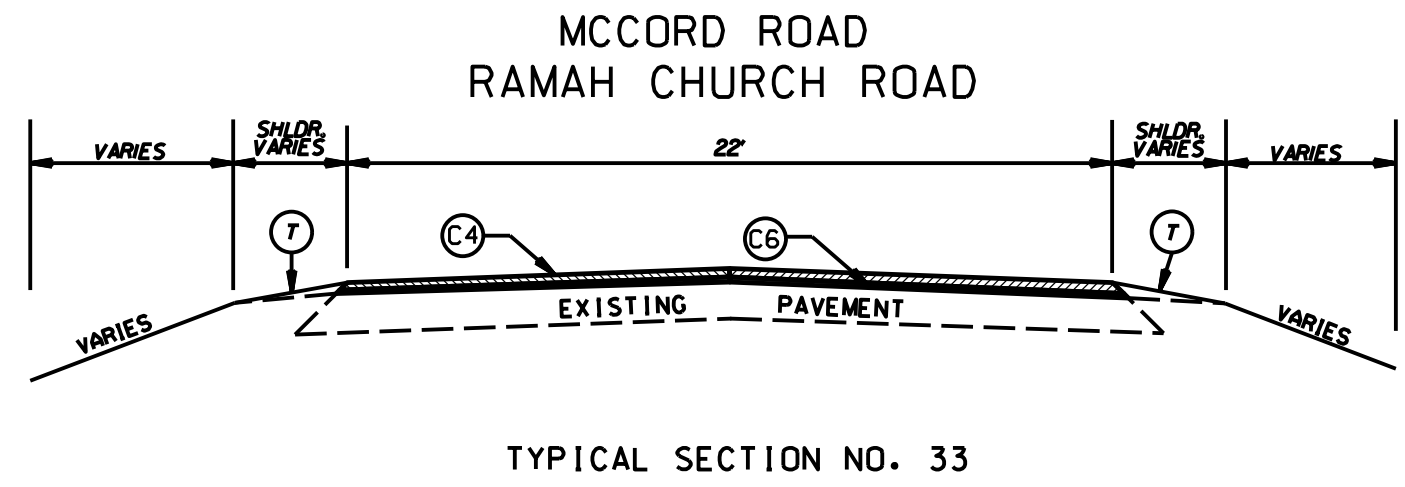
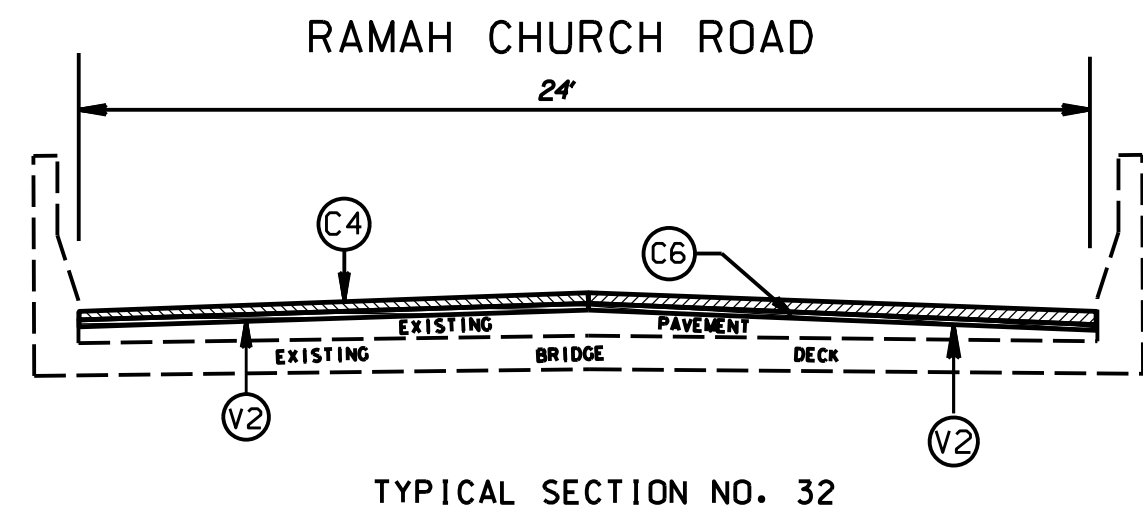
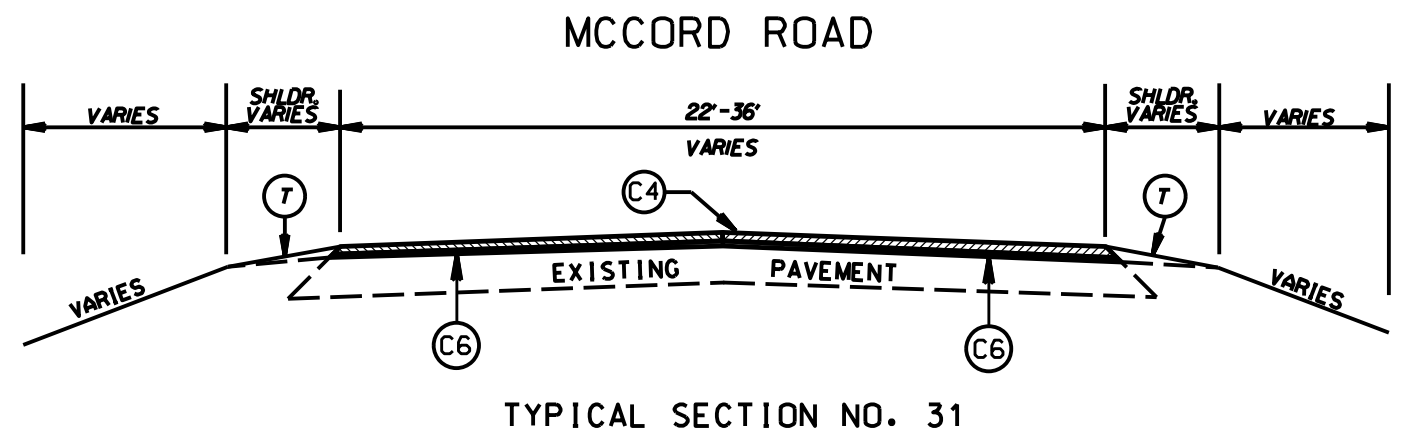
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.,
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION



2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

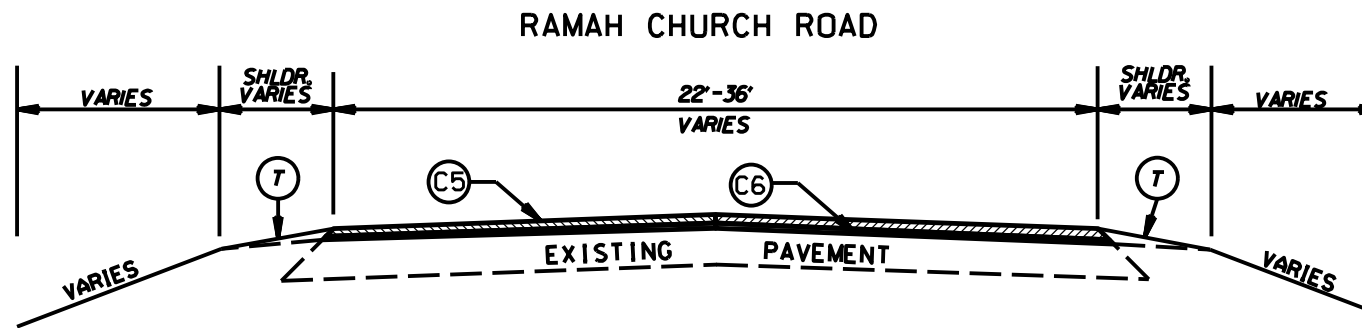
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION



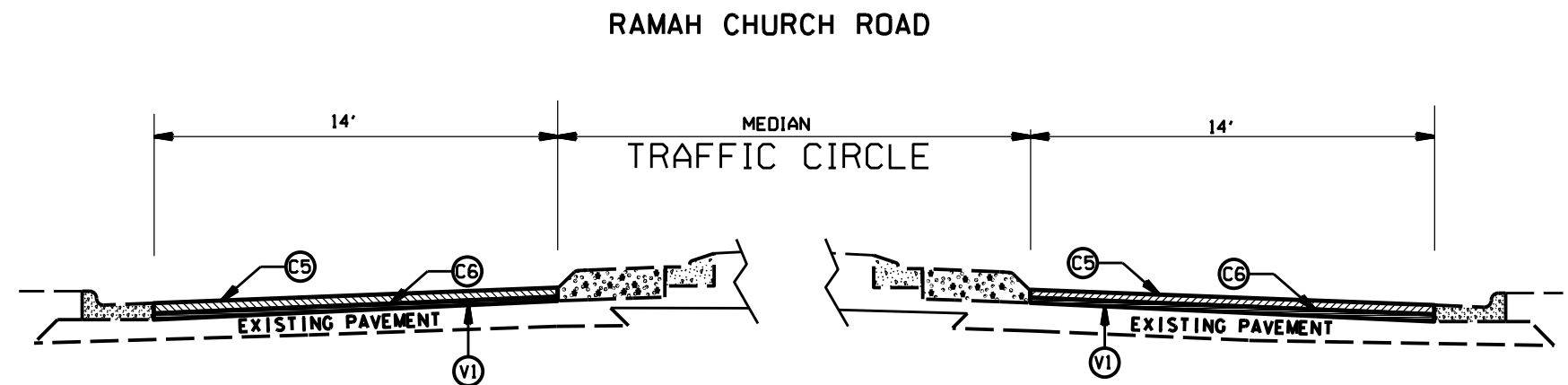
2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JME			
DESIGN BY	JME			
APPROVED				

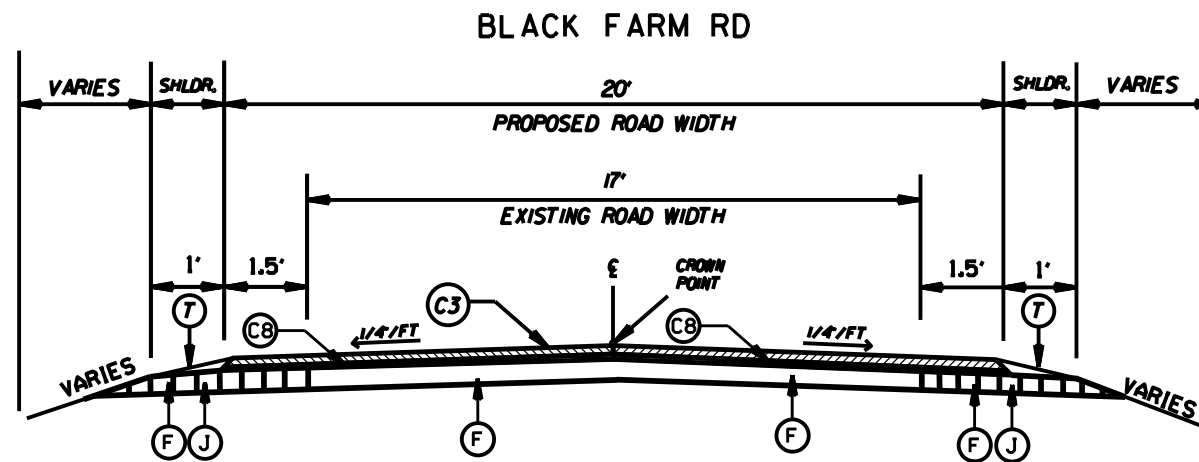
PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 LBS., PER SQ.YD.,
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION



TYPICAL SECTION NO. 34



TYPICAL SECTION NO. 35



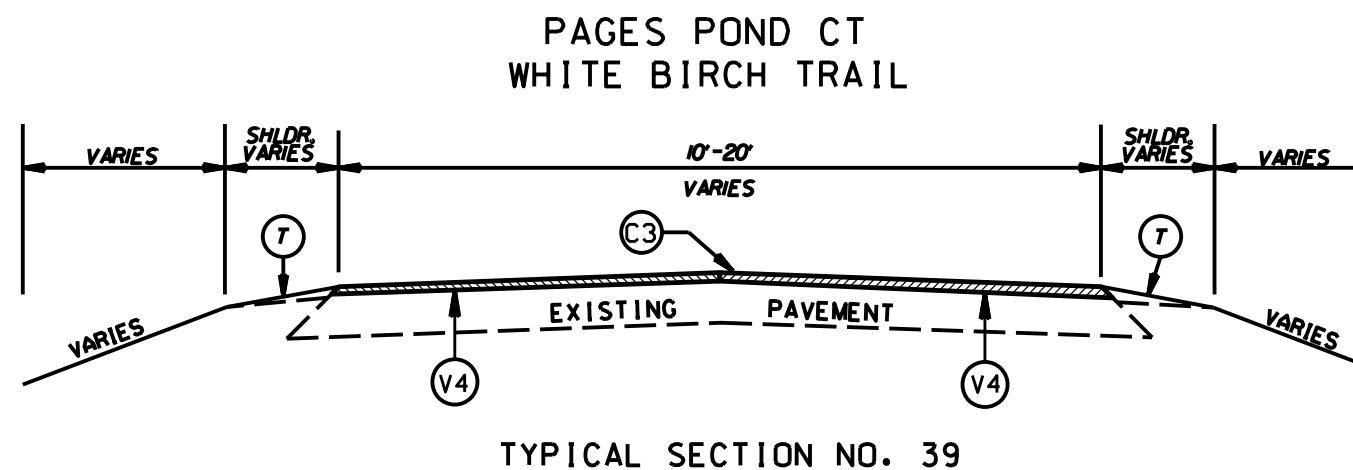
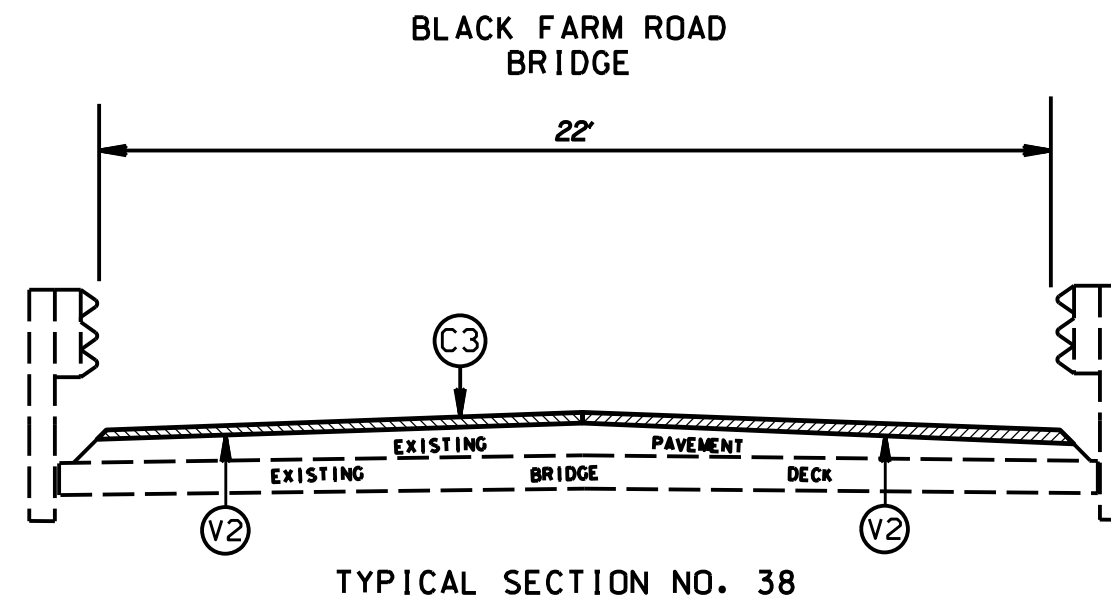
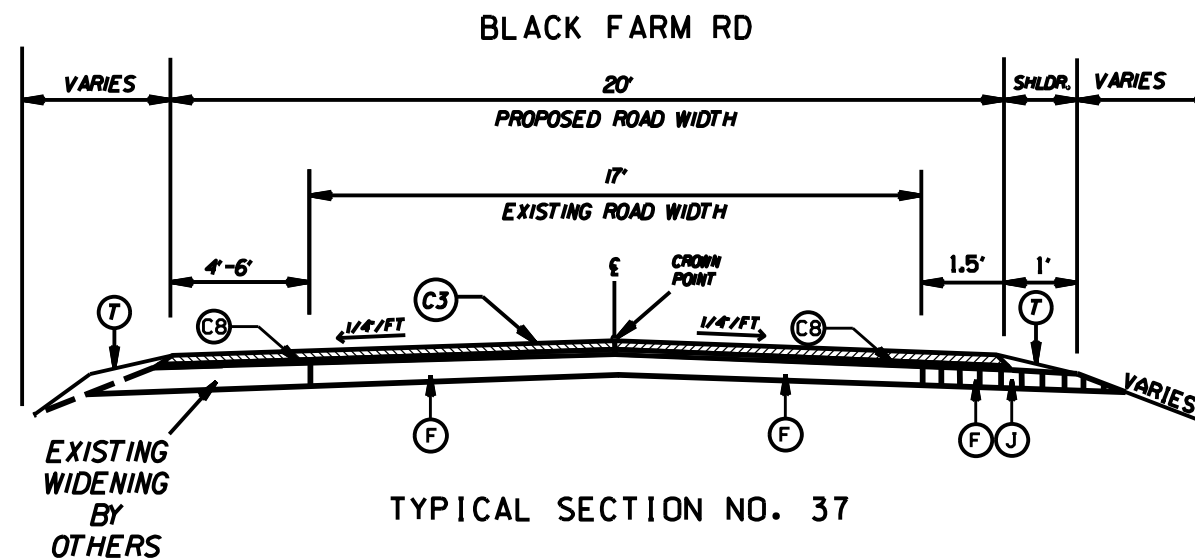
TYPICAL SECTION NO. 36

2018/2019 MECKLENBURG COUNTY
RESURFACING


SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		24	
WBS NO. 2018CPT.10.11.10601.1, etc.			

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 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.
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C6	PROP. ASPHALT SURFACE TREATMENT, MATCOAT #67, AT AN AVERAGE RATE OF 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

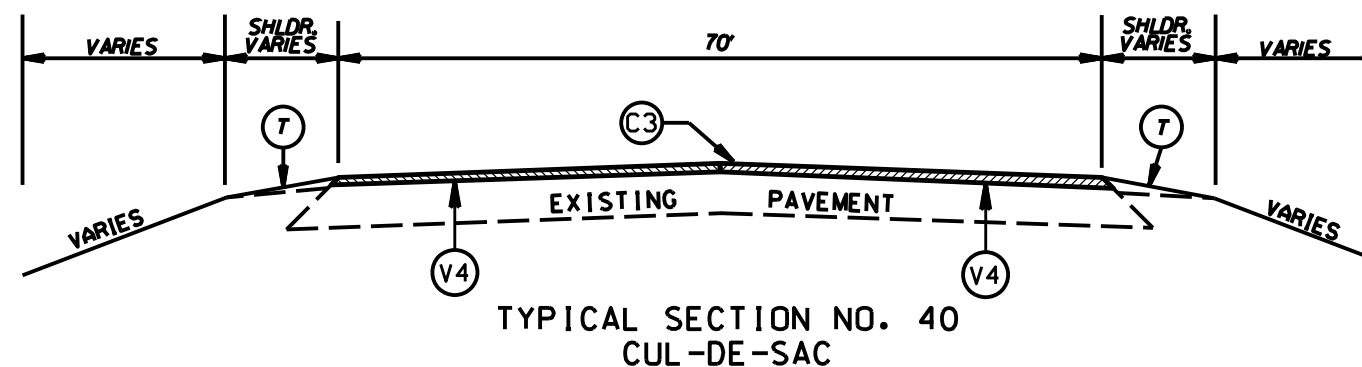


2018/2019 MECKLENBURG COUNTY RESURFACING

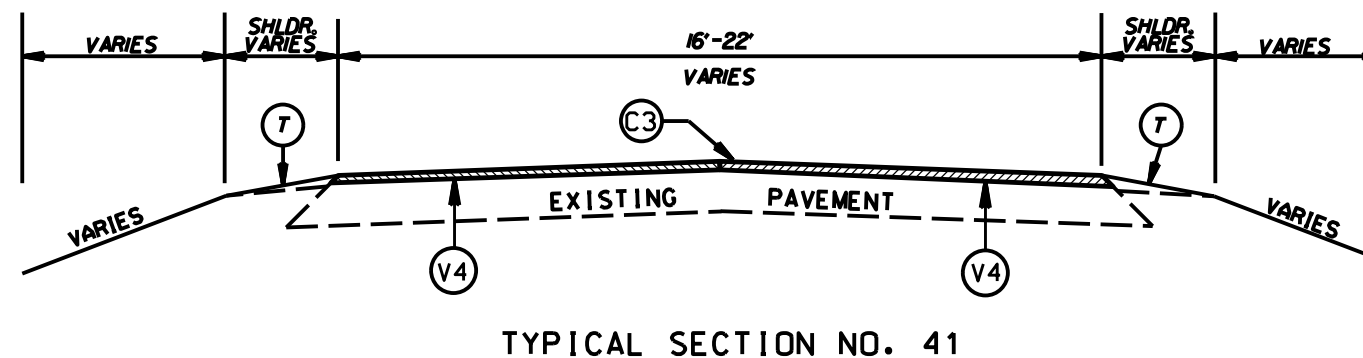
SCALE	-NA-		REVISIONS
DATE	3/18		4/4/18
DWG. BY	JHE		
DESIGN BY	JHE		
APPROVED			

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TWO LAYER AT AN AVERAGE RATE OF 110 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 25 LBS. PER SQ. YD. (STONE) AND 0.35 GALLONS PER SQ. YD. (LIQUID ASPHALT)
C8	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL: TOP LAYER #78 STONE AT 12 LBS./SY, AND 0.25 GALS./SY EMULSION BOTTOM LAYER #78 AT 18 LBS/SY, AND 0.30 GALS./SY EMULSION
D2	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 73 LBS/SY
J	ABC STONE 12" DEPTH
V1	INCIDENTAL MILLING
V2	MILLING 1.0" DEPTH
V3	MILLING 1.5" DEPTH
V4	MILLING 2.0" DEPTH
V5	MILLING 2.5" DEPTH
V6	MILLING 4.0" DEPTH
T	SHOULDER RECONSTRUCTION

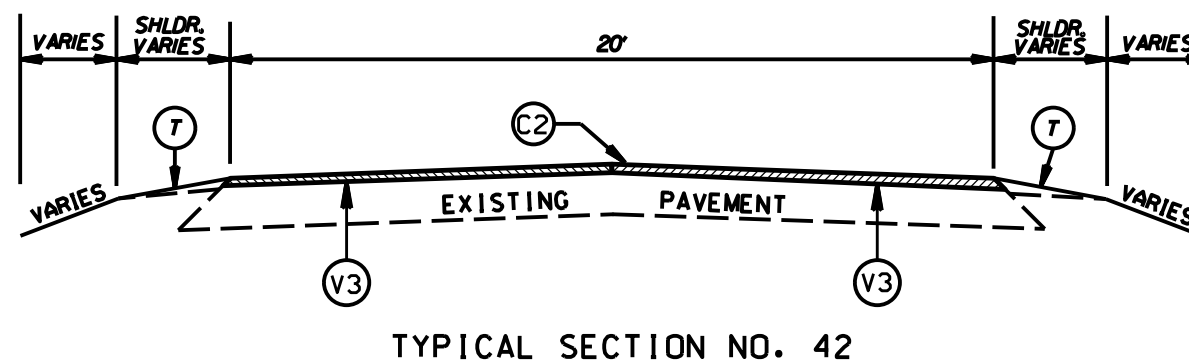
PAGES POND CT
WHITE BIRCH TRAIL



FARRHILL RD/LARCHMONT CIRCLE
BY-WAY ROAD
LONGVIEW DRIVE
SININGPINE RD
SAINT EVANS ROAD



THAYER ROAD

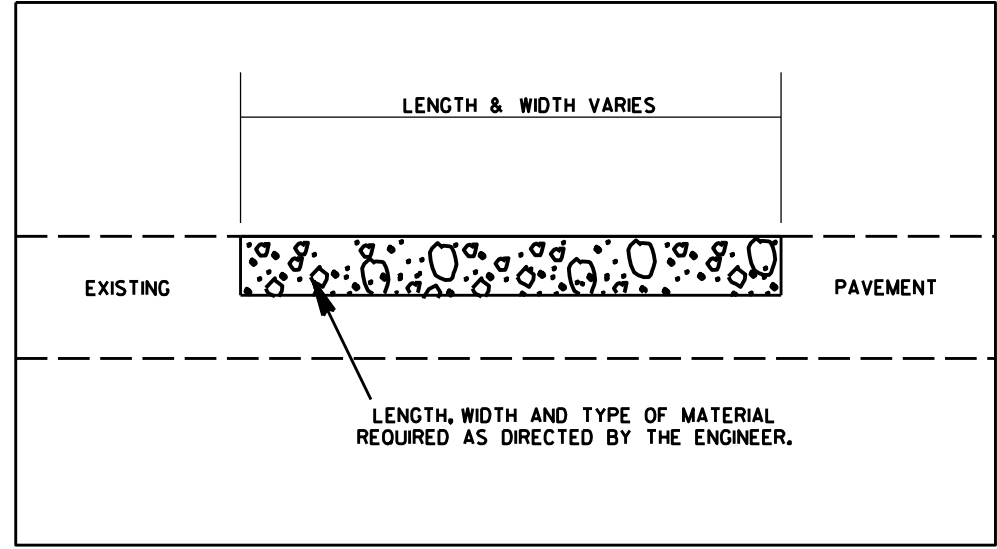


2018/2019 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		26	
WBS NO. 2018CPT.10.11.10601.1,etc.			

PATCHING DETAIL



PAVEMENT SCHEDULE	
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2018/2019 MECKLENBURG COUNTY RESURFACING

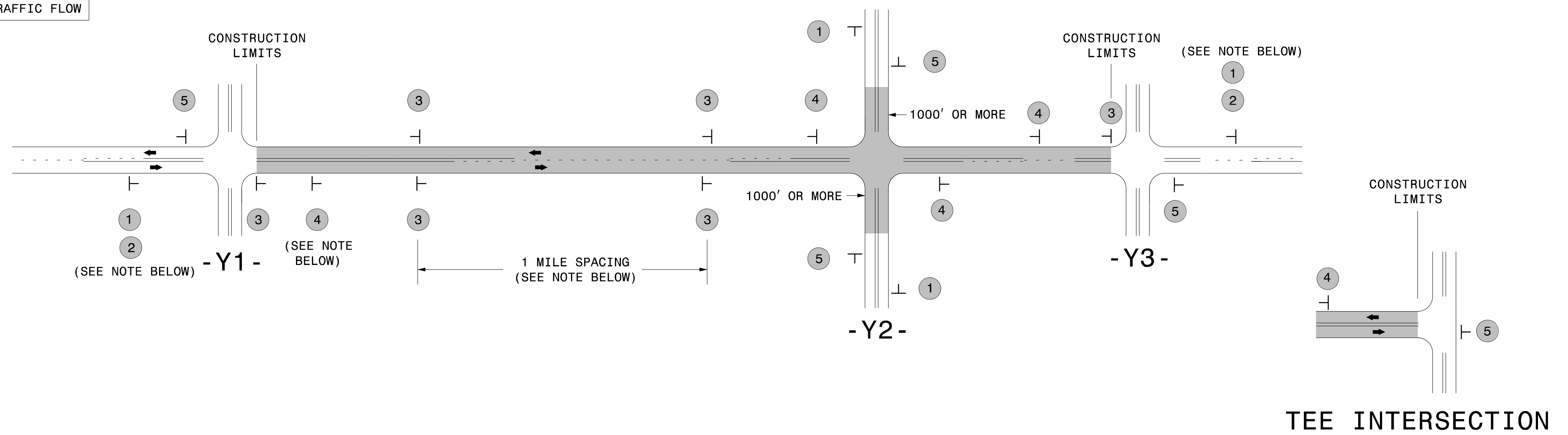
SCALE	-NA-		REVISIONS	
DATE	3/18		4/4/18	
DWG. BY	JHE			
DESIGN BY	JHE			
APPROVED				

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3	 <small>SP 13107 48" X 48"</small>	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4	 <small>SP 13106 48" X 48"</small>	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

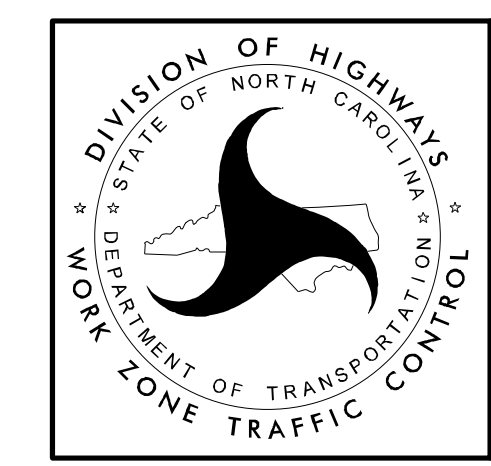
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

 <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER.	 <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER.
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THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

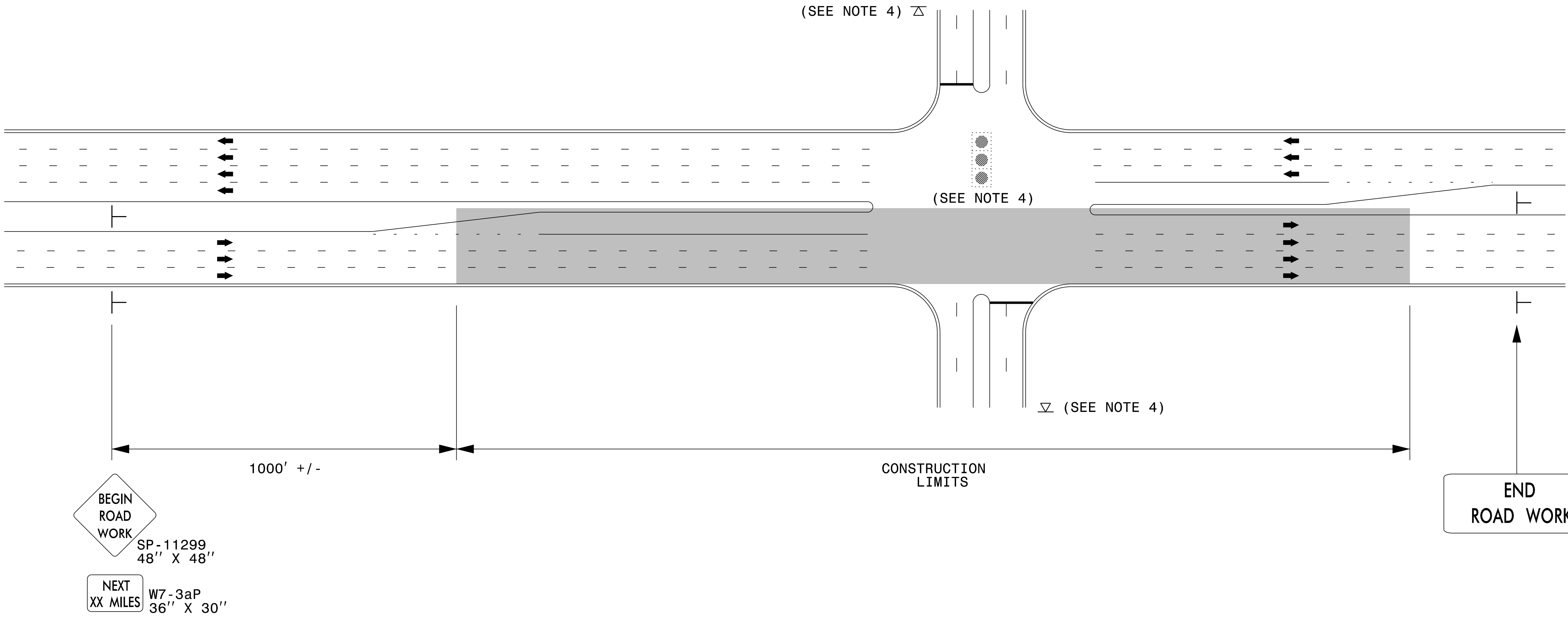
MAPS LESS THAN 2 MILES

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



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

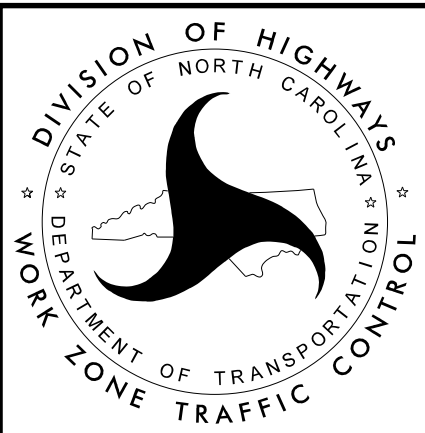
URBAN / SUBURBAN WORKZONES



NOTES:

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

LEGEND	
├	STATIONARY SIGN
➔	DIRECTION OF TRAFFIC FLOW

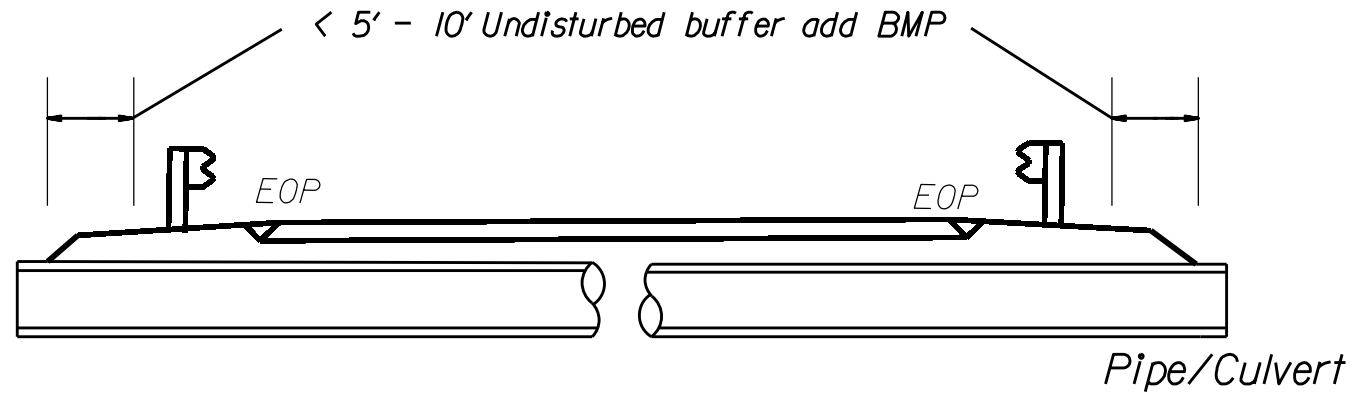


**RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES**

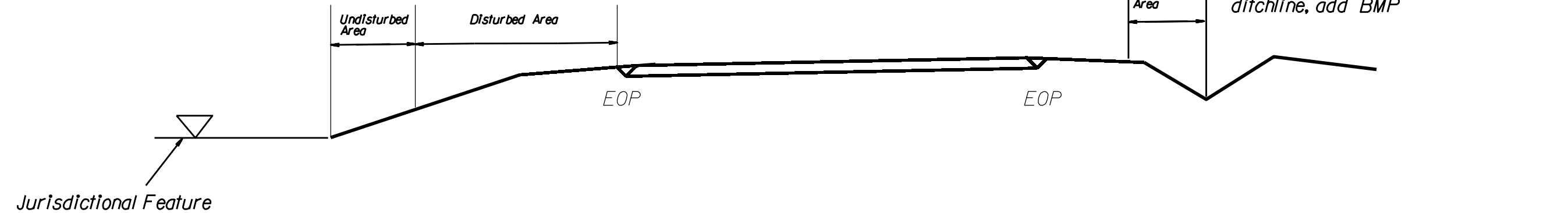
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

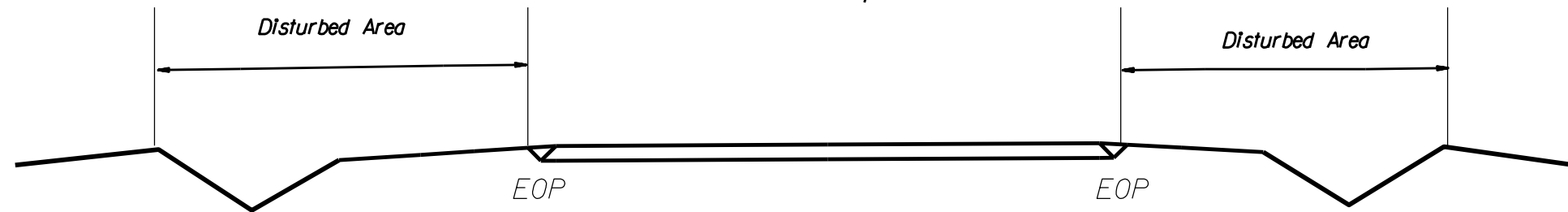
EROSION CONTROL DETAIL



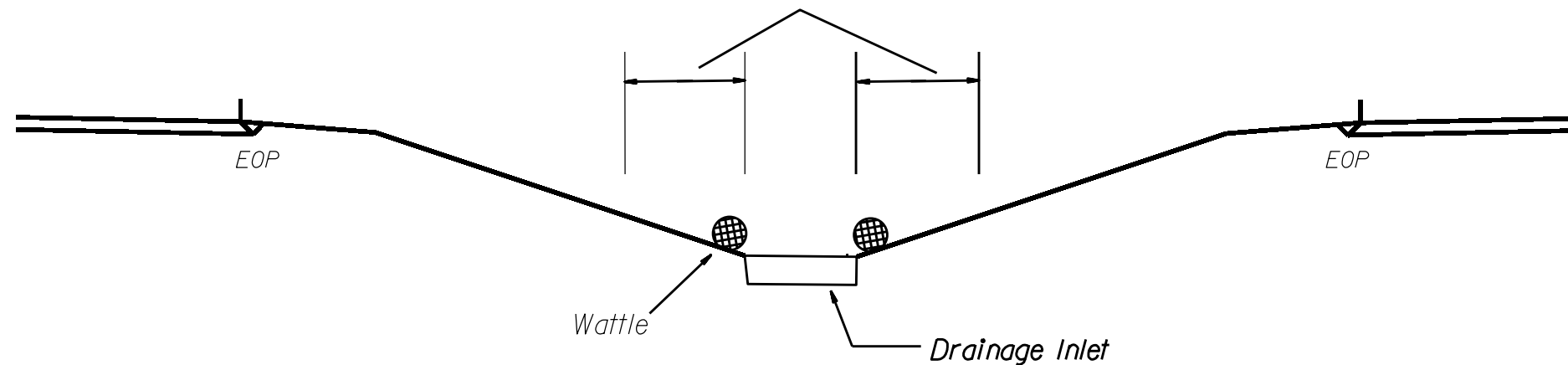
< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP



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

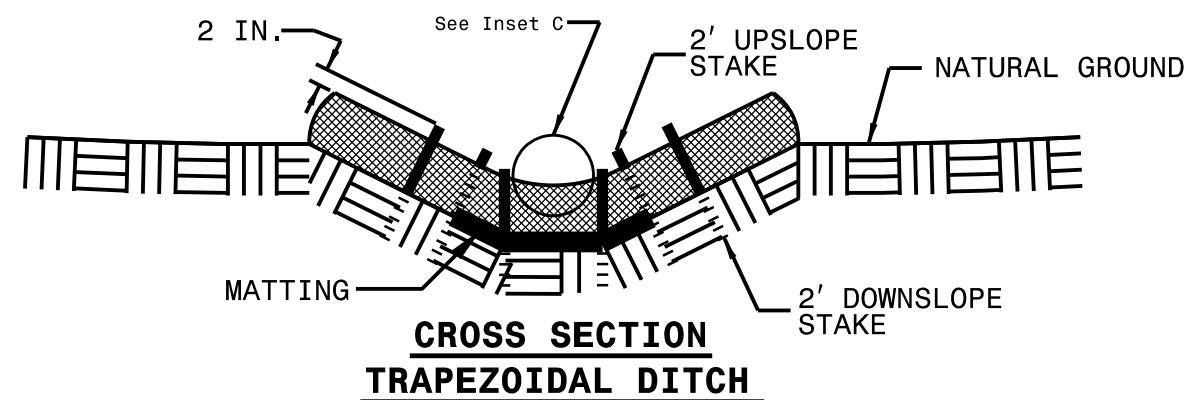
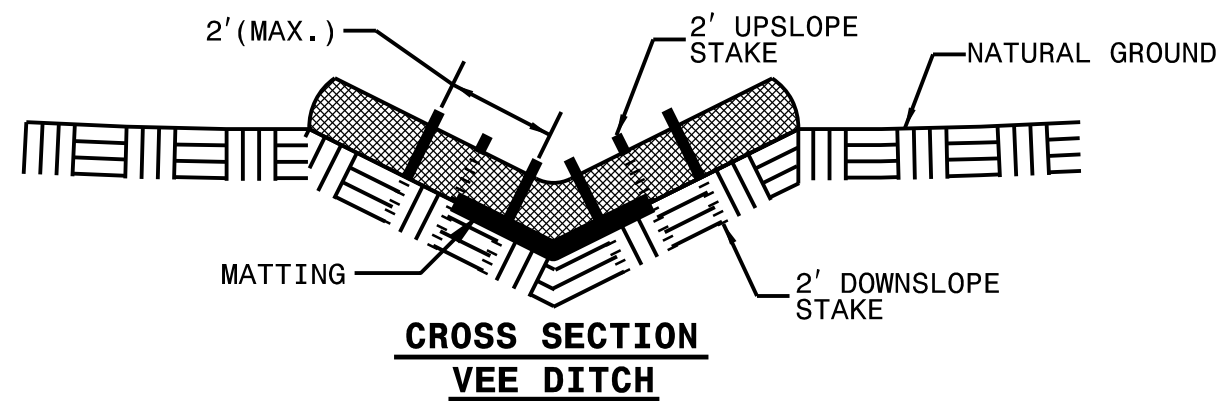
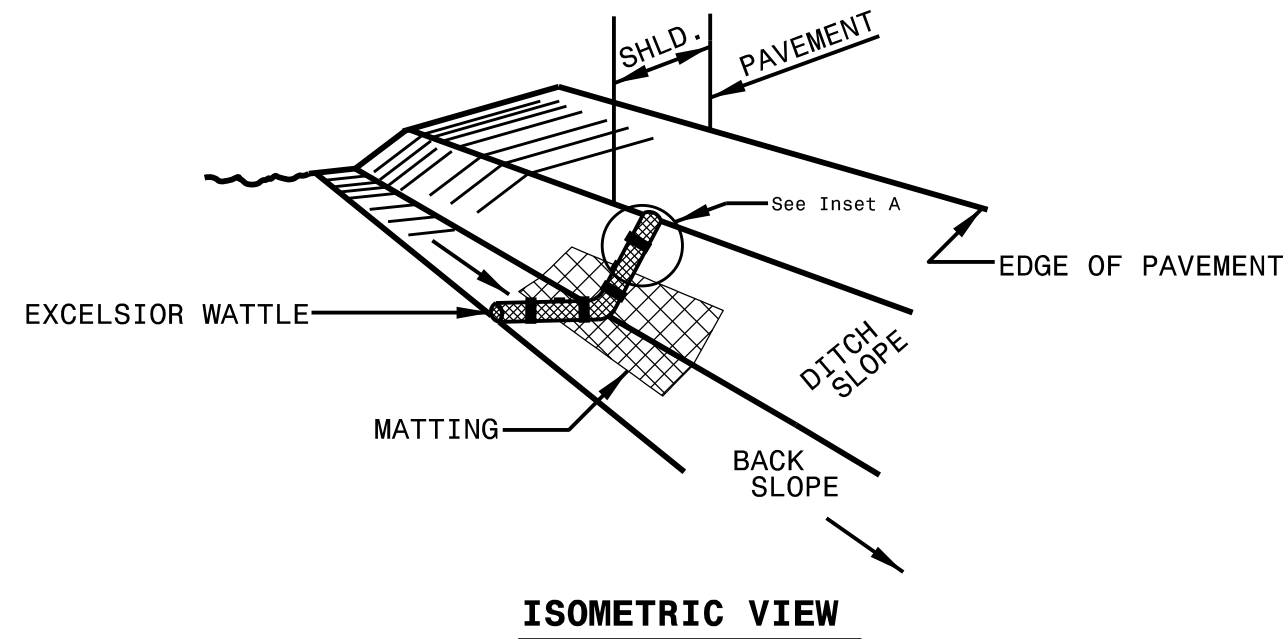


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



NOTES:

- USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.
- PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.
- PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.
- INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

