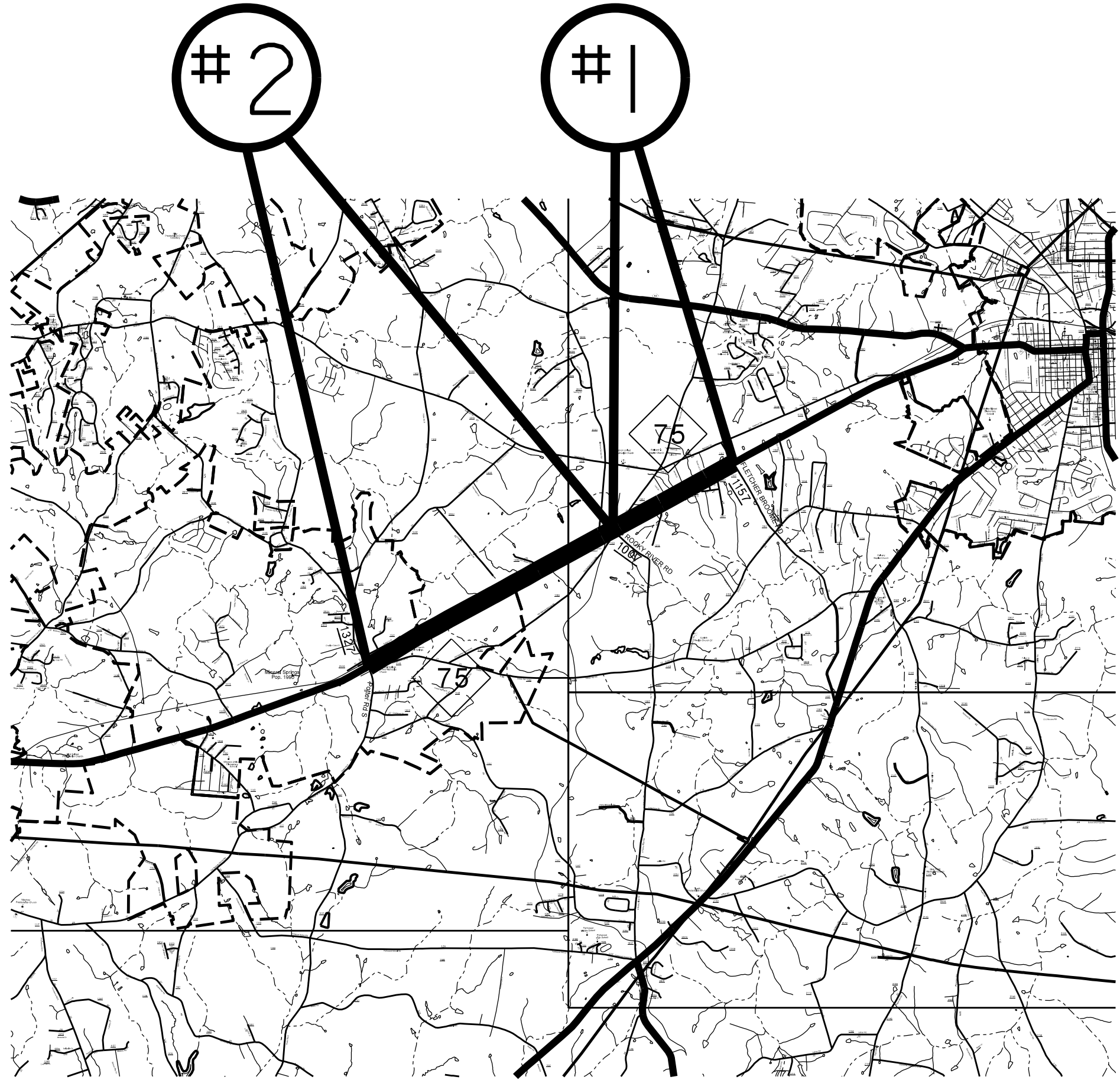


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.		
F.A. PROJECT NO.			



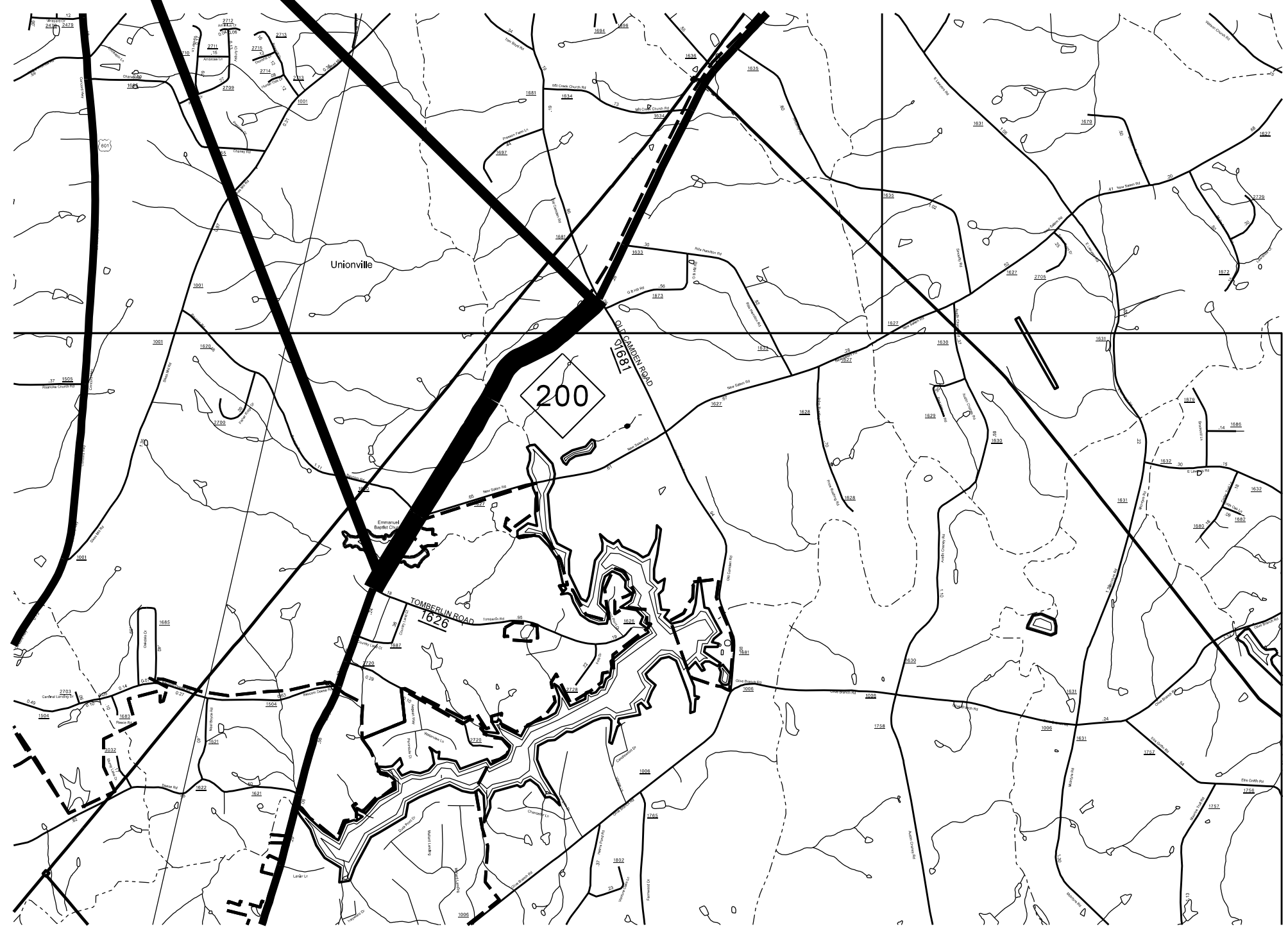
ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

Map #1 NC 75
 1.2 MILES
 FROM SR 1007 ROCKY RIVER ROAD
 TO SR 1157 FLETCHER BROOME ROAD

Map #2 NC 75
 2.7 MILES
 FROM SR 1327 POTTER ROAD
 TO SR 1007 ROCKY RIVER ROAD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
	2019CPT.10.01.10901.I, etc.	2	
F.A. PROJECT NO.			

3



ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA
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MAP #3 NC 200
1.8 MILES
FROM SR 1626 TOMBERLIN ROAD
TO SR 1681 OLD CAMDEN ROAD

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	3	
F.A. PROJECT NO.			

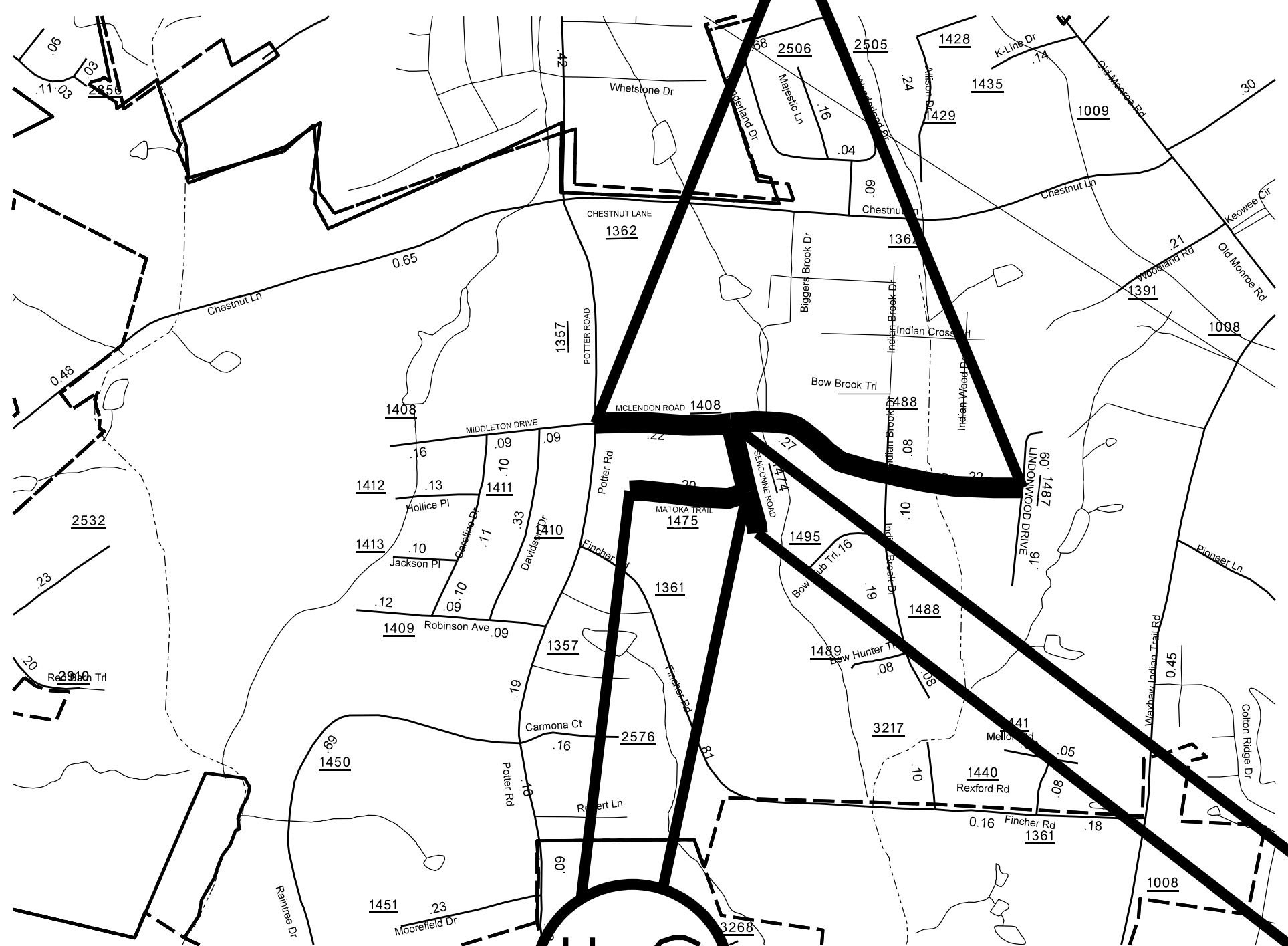


ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA
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Map #4 SR 1408 MCLENDON ROAD
 0.70 MILES
 FROM SR 1357 POTTER ROAD
 TO SR 1487 LINDONWOOD DRIVE

Map #5 SR 1474 SENCONEE ROAD
 0.18 MILES
 FROM SR 1408 MCLENDON ROAD
 TO CUL DE SAC

Map #6 SR 1475 MATOKA TRAIL
 0.20 MILES
 FROM SR 1474 SENCONEE ROAD
 TO CUL DE SAC



4

6

5

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	4	
F.A. PROJECT NO.			

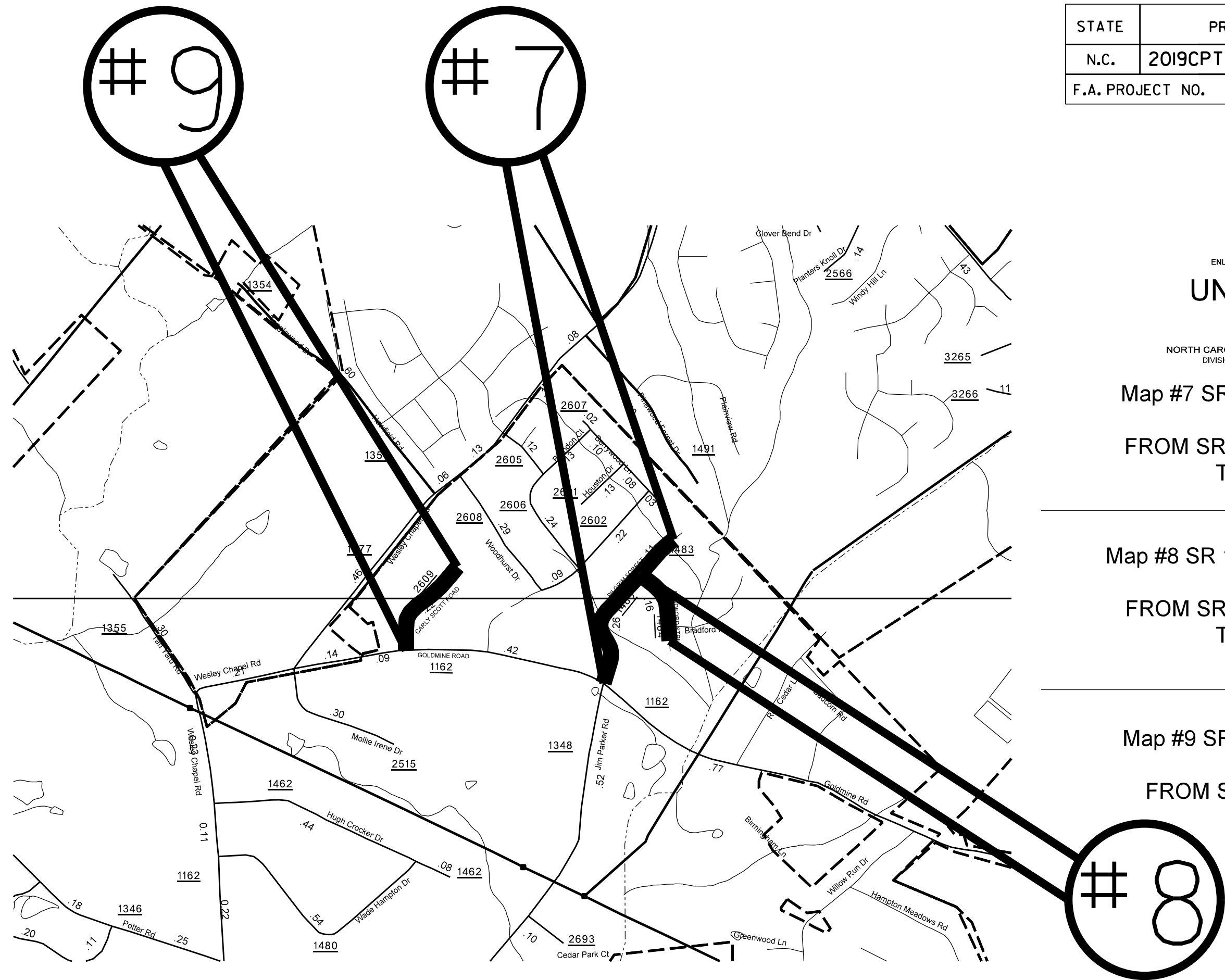


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UNION COUNTY
 NORTH CAROLINA
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Map #7 SR 1483 PILGRIM FOREST
 0.39 MILES
 FROM SR 1162 GOLDMINE ROAD
 TO CUL DE SAC

Map #8 SR 1484 BRADFORD STREET
 0.2 MILES
 FROM SR 1483 PILGRIM FOREST
 TO CUL DE SAC

Map #9 SR 2609 CARLY SCOTT ROAD
 0.2 MILES
 FROM SR 1162 GOLDMINE ROAD
 TO CUL DE SAC



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	5	
F.A. PROJECT NO.			

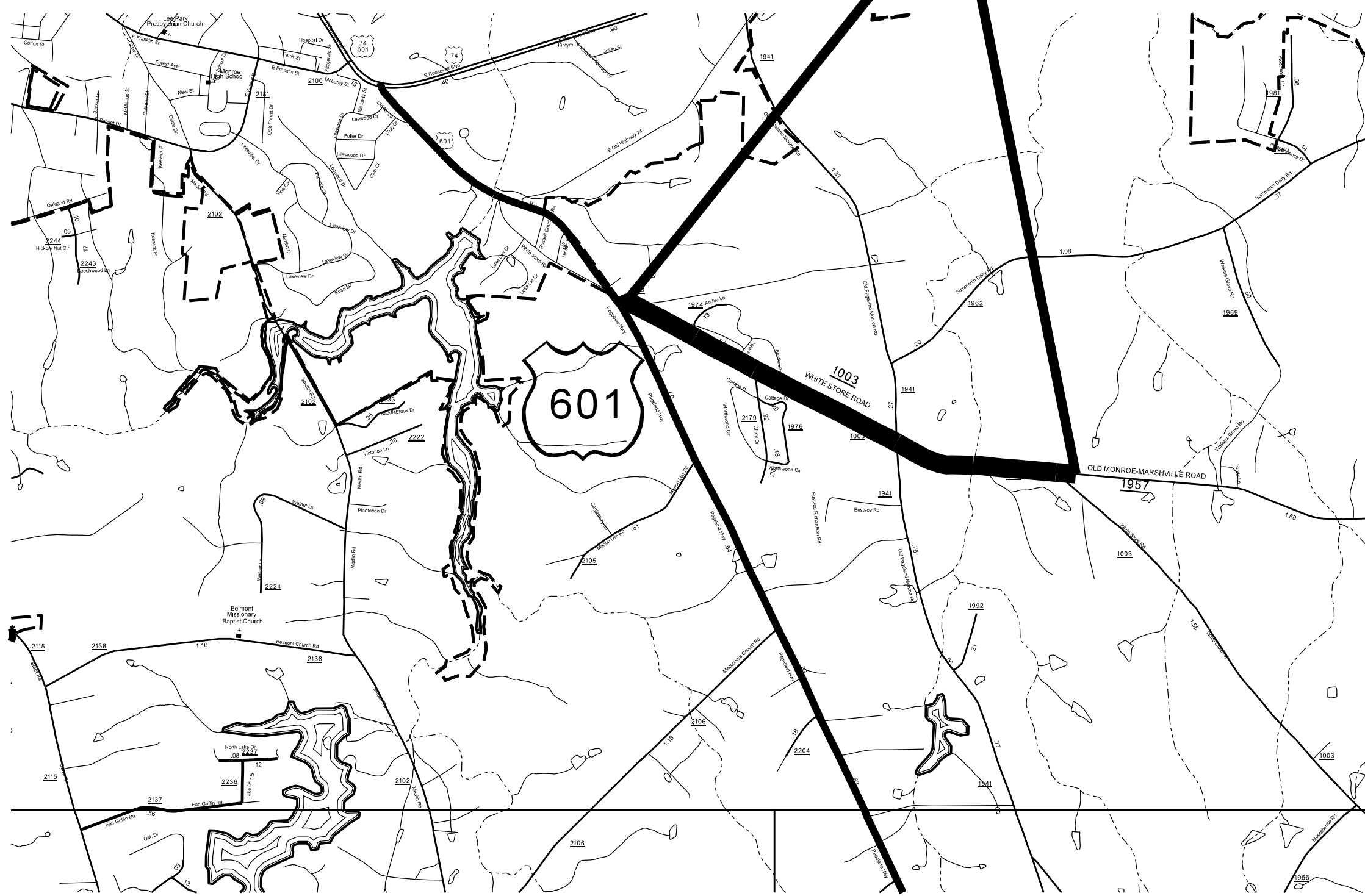
#10



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UNION COUNTY
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MAP #10 SR 1003 WHITE STORE ROAD
1.6 MILES
FROM PVMT JT AT SR 1957
OLD MONROE-MARSHVILLE ROAD
TO US 601 SOUTH

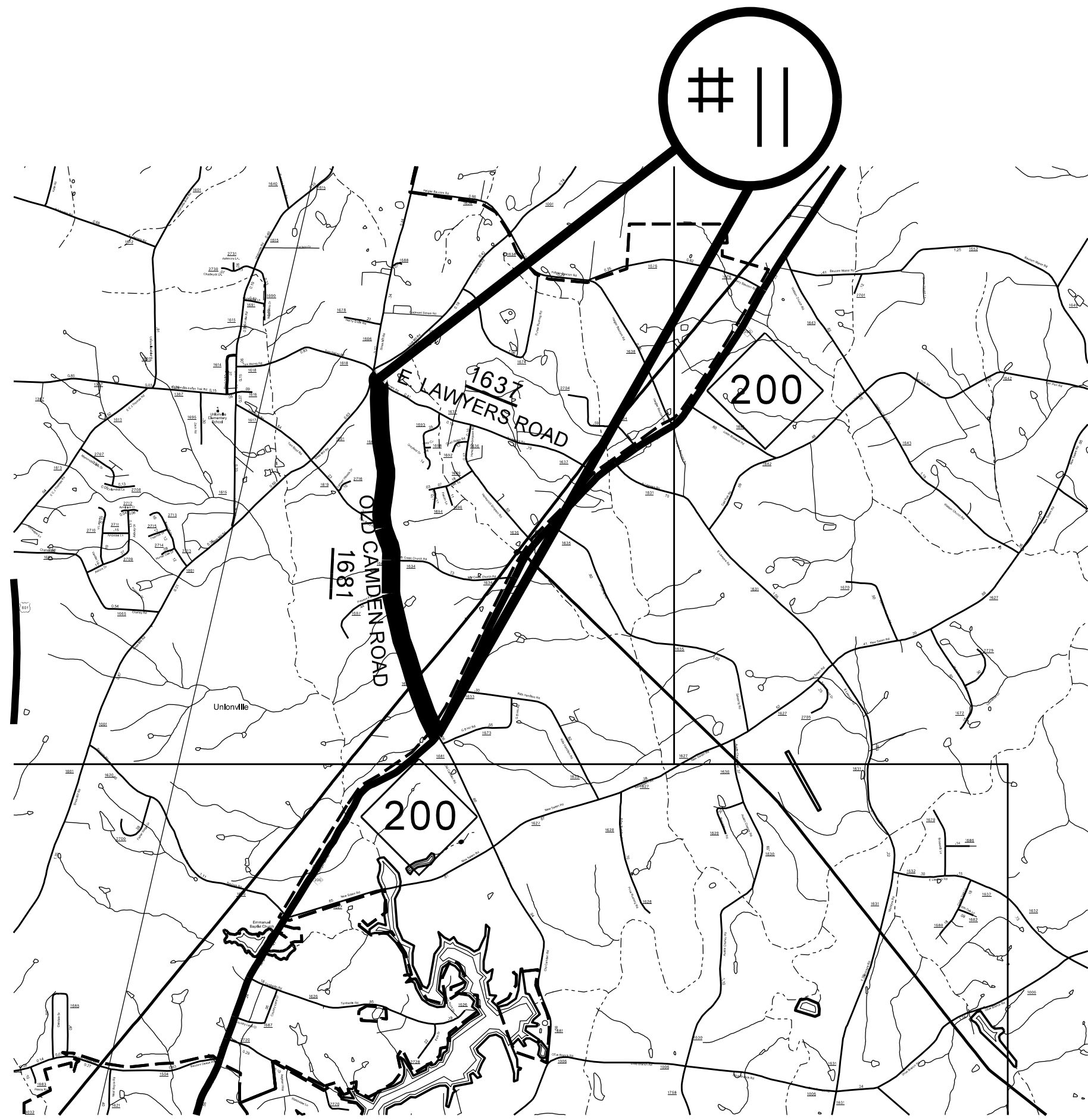


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	6	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
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MAP #11 SR 1681 OLD CAMDEN ROAD
 2.1 MILES
 FROM SR 1637 E. LAWYERS ROAD
 TO NC 200



#12

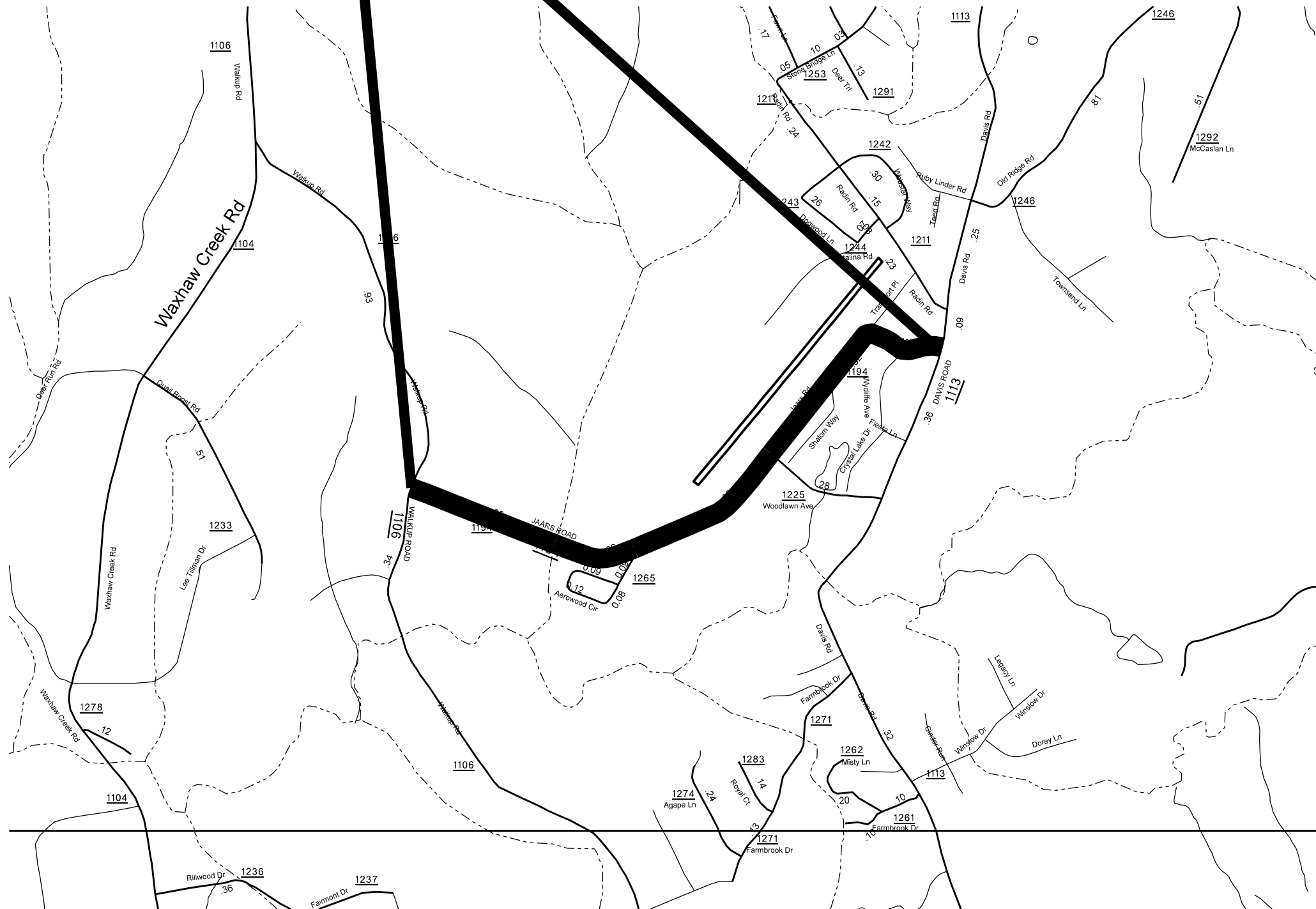
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	7	
F.A. PROJECT NO.			



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UNION COUNTY
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**MAP #12 SR 1194 JAARS ROAD
 1.45 MILES
 FROM SR 1113 DAVIS ROAD
 TO SR 1106 WALKUP ROADLINE**



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	8	
F.A. PROJECT NO.			

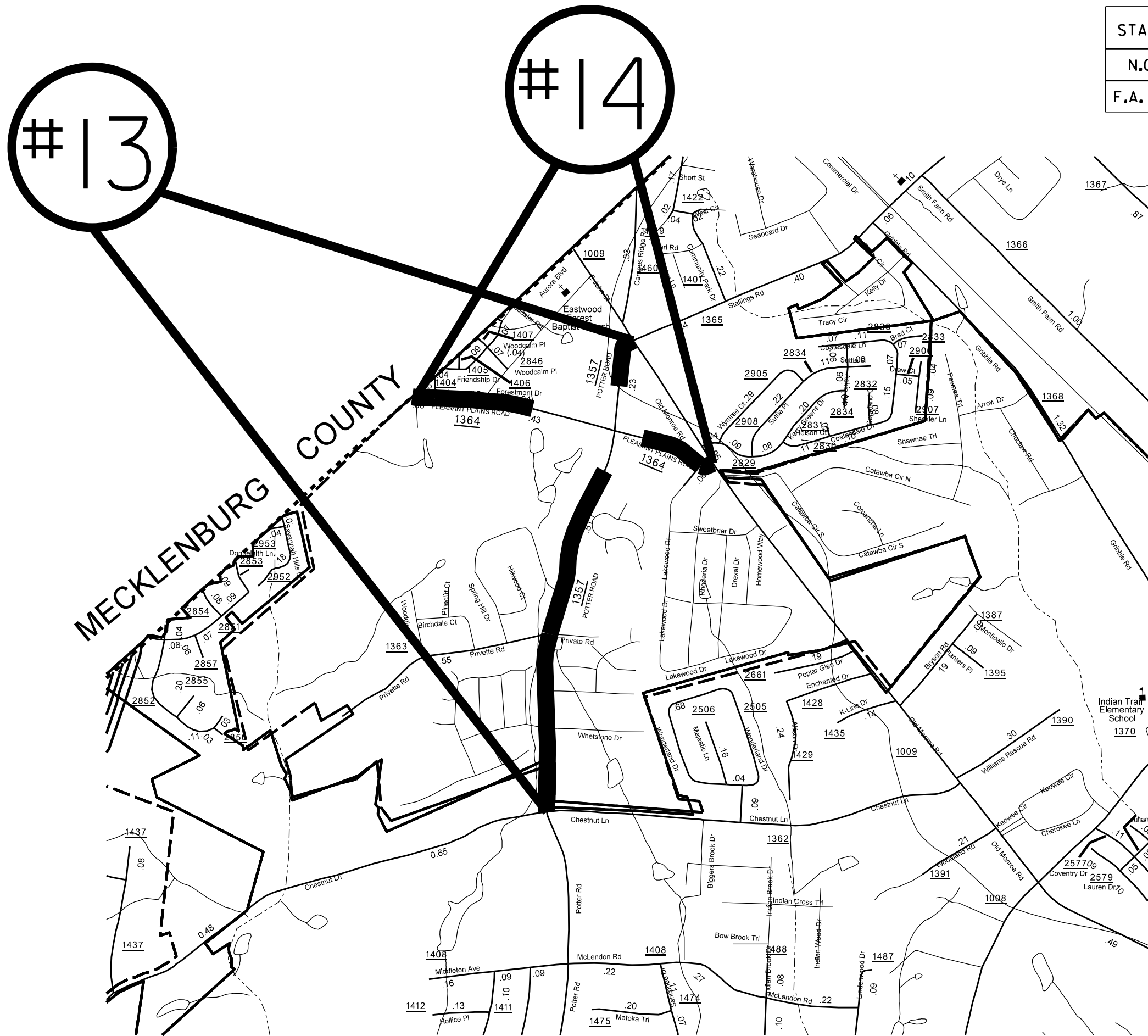


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UNION COUNTY
 NORTH CAROLINA

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MAP #13 SR 1357 POTTER ROAD
 1.17 MILES
 FROM SR 1009 OLD MONROE ROAD
 ENDING 570 FT SOUTH
 RESUME 630 FT FROM THE INTERSECTION
 OF SR 1364 PLEASANT PLAINS ROAD
 AND SR 1357 POTTER ROAD
 ENDING AT SR 1362 CHESTNUT LANE

Map #14 SR 1364 PLEASANT PLAINS ROAD
 0.79 MILES
 FROM THE MECKLENBURG COUNTY LINE
 ENDING 1,560 FT EAST
 RESUME 415 FT FROM THE INTERSECTION
 OF SR 1364 PLEASANT PLAINS
 ROAD AND SR 1357 POTTER ROAD
 ENDING AT SR 1009 OLD MONROE ROAD



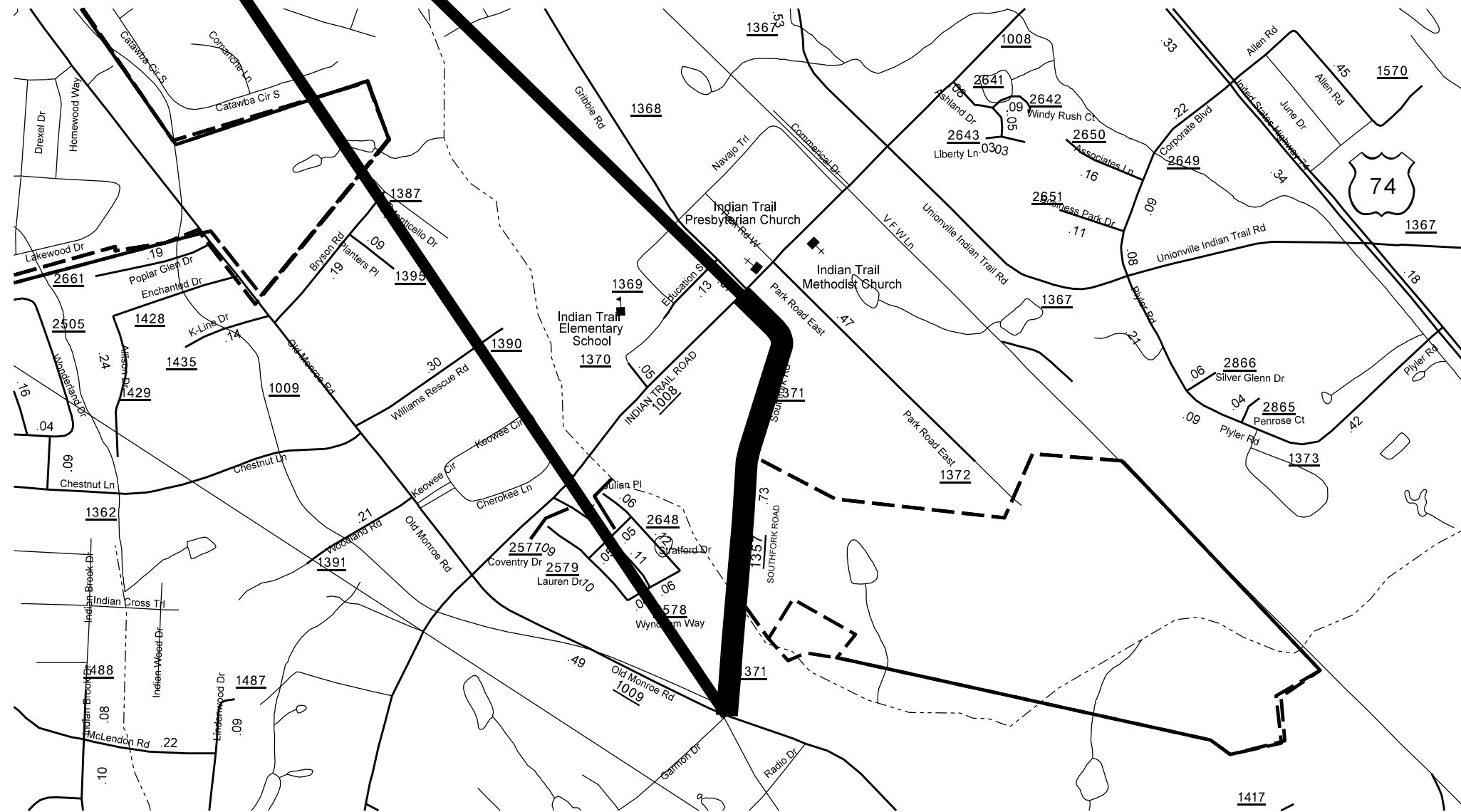
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STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	9	
F.A. PROJECT NO.			



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UNION COUNTY
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MAP #15 SR 1371 SOUTH FORK ROAD
0.73 MILES
FROM SR 1009 OLD MONROE ROAD
TO PVMT JT AT
SR 1008 INDIAN TRAIL ROAD

#16

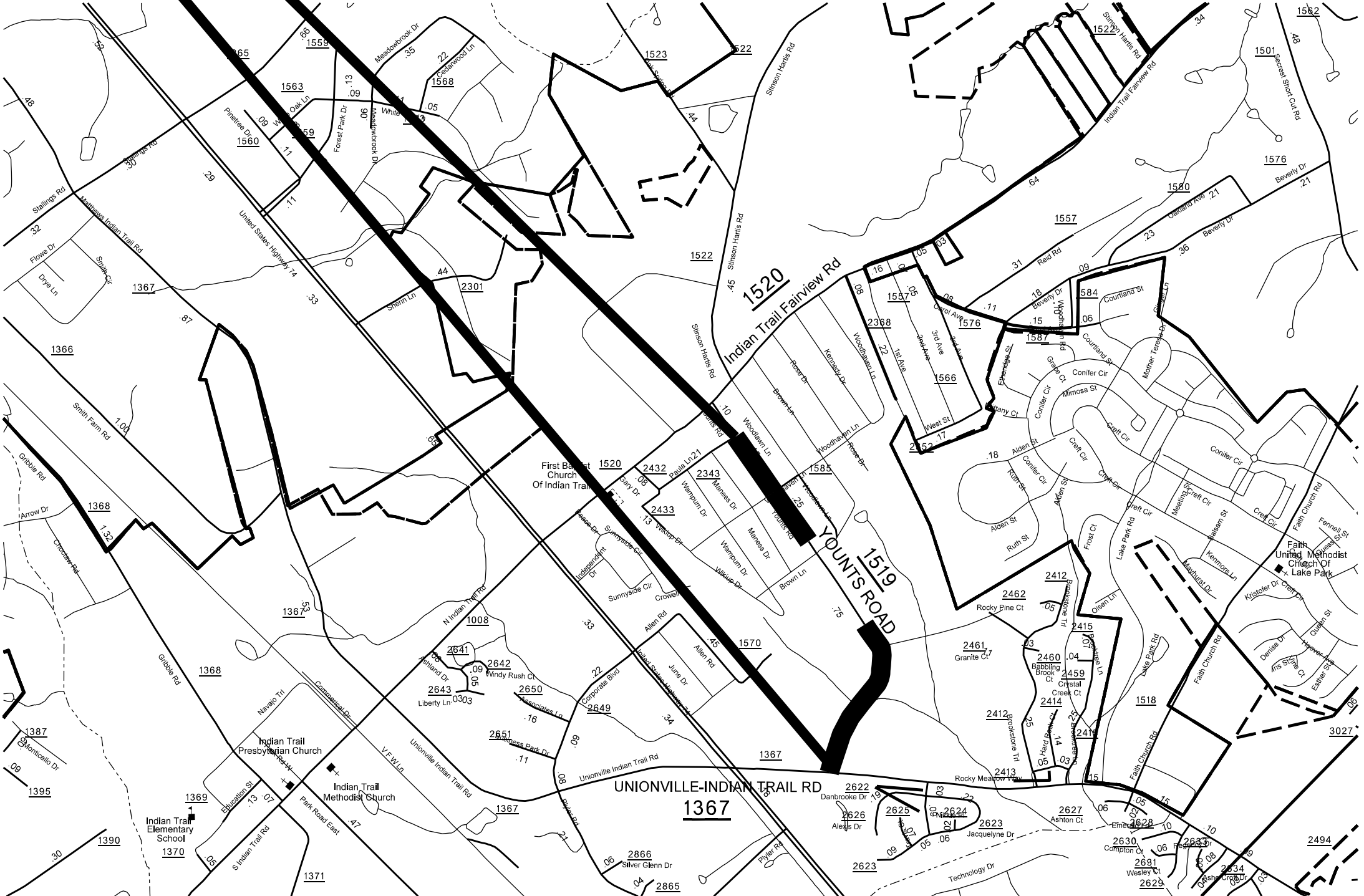
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N.C.	2019CPT.10.01.10901.I, etc.	10	
F.A. PROJECT NO.			



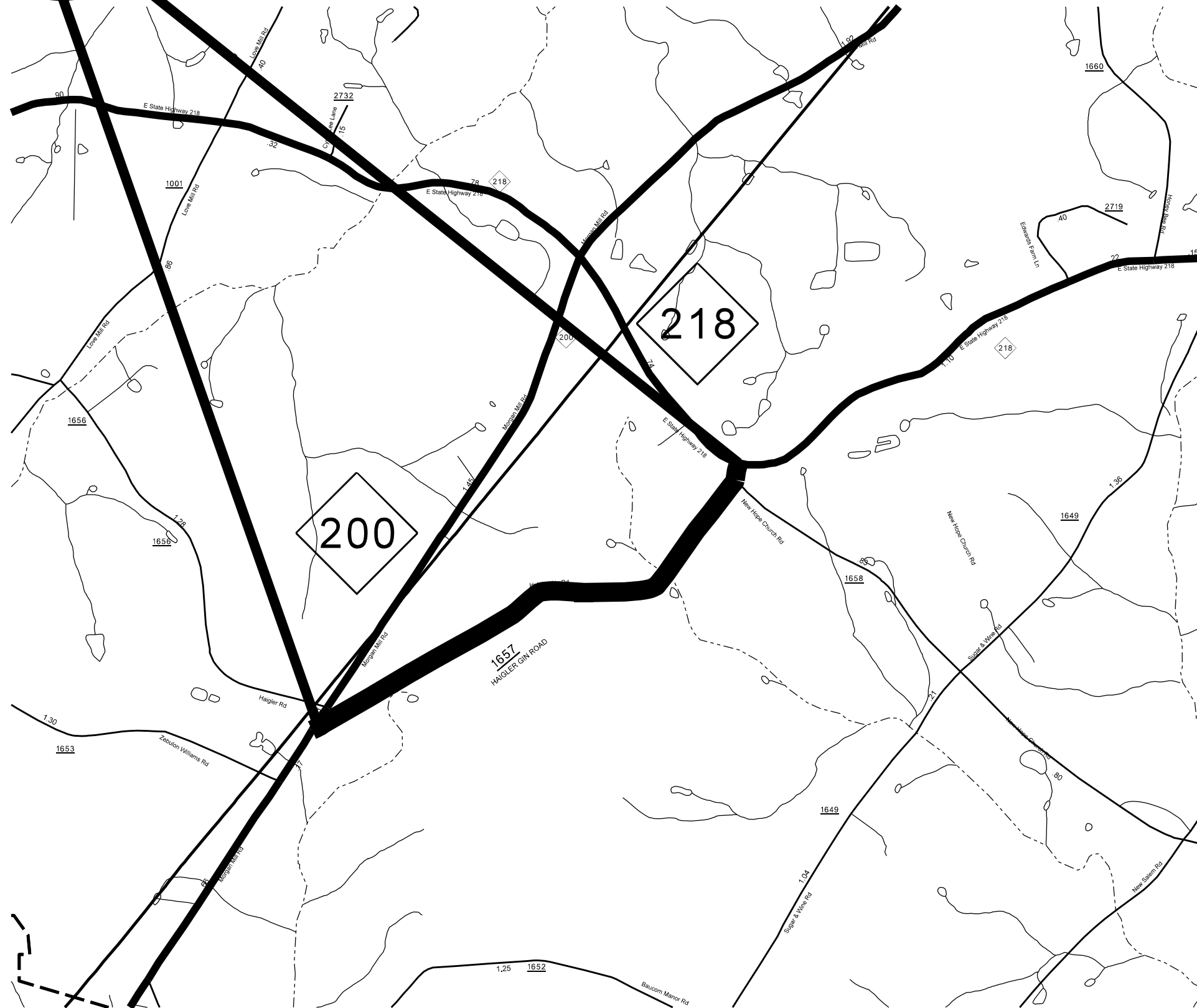
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UNION COUNTY
 NORTH CAROLINA

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MAP #16 SR 1519 YOUNTS ROAD
 0.88 MILES
 FROM PVMT JT APPROX. 530 FT FROM
 SR 1520 INDIAN TRAIL-FAIRVIEW RD
 ENDING 1405 FT SOUTHEAST
 RESUME AT PVMT JOINT
 APPROX. 780 FT FROM BROWN LANE
 TO SR 1367
 UNIONVILLE-INDIAN TRAIL ROAD



#17



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.		
F.A. PROJECT NO.			



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UNION COUNTY
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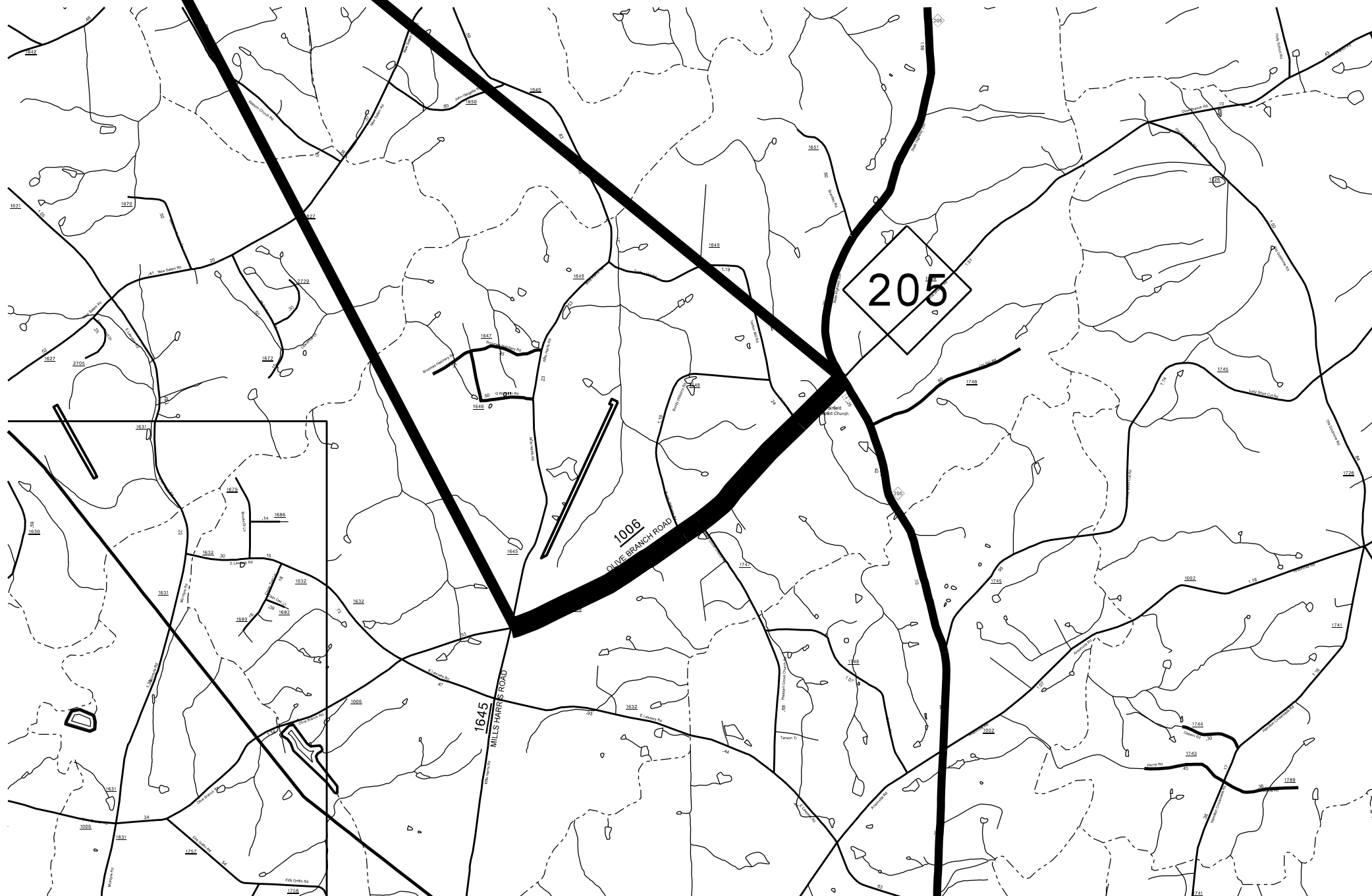
MAP #17 SR 1657 HAIGLER GIN ROAD
1.5 MILES
FROM NC 200 TO NC 218

#18

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	12	
F.A. PROJECT NO.			



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UNION COUNTY
NORTH CAROLINA
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MAP #18 SR 1006 OLIVE BRANCH ROAD
1.95 MILES
FROM SR 1645 MILLS HARRIS ROAD
TO NC 205

#20

#19

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	13	
F.A. PROJECT NO.			

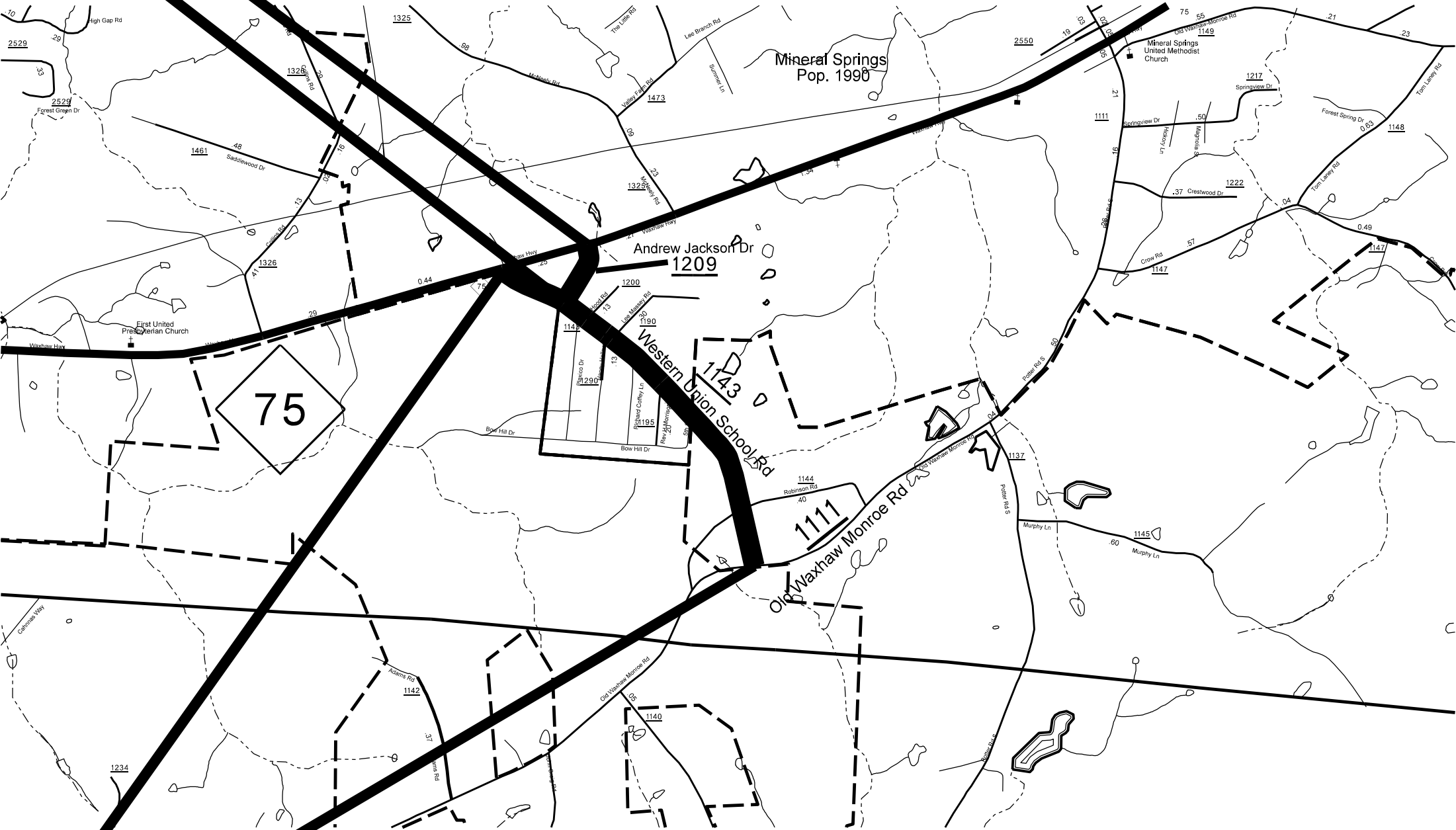


ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA

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MAP #19 SR 1143
 WESTERN UNION SCHOOL ROAD
 1.1 MILES
 FROM NC 75 TO
 SR 1111 OLD WAXHAW-MONROE ROAD

Map #20 SR 1209
 ANDREW JACKSON ROAD
 .19 MILES
 FROM SR 1143
 WESTERN UNION SCHOOL ROAD
 TO NC 75

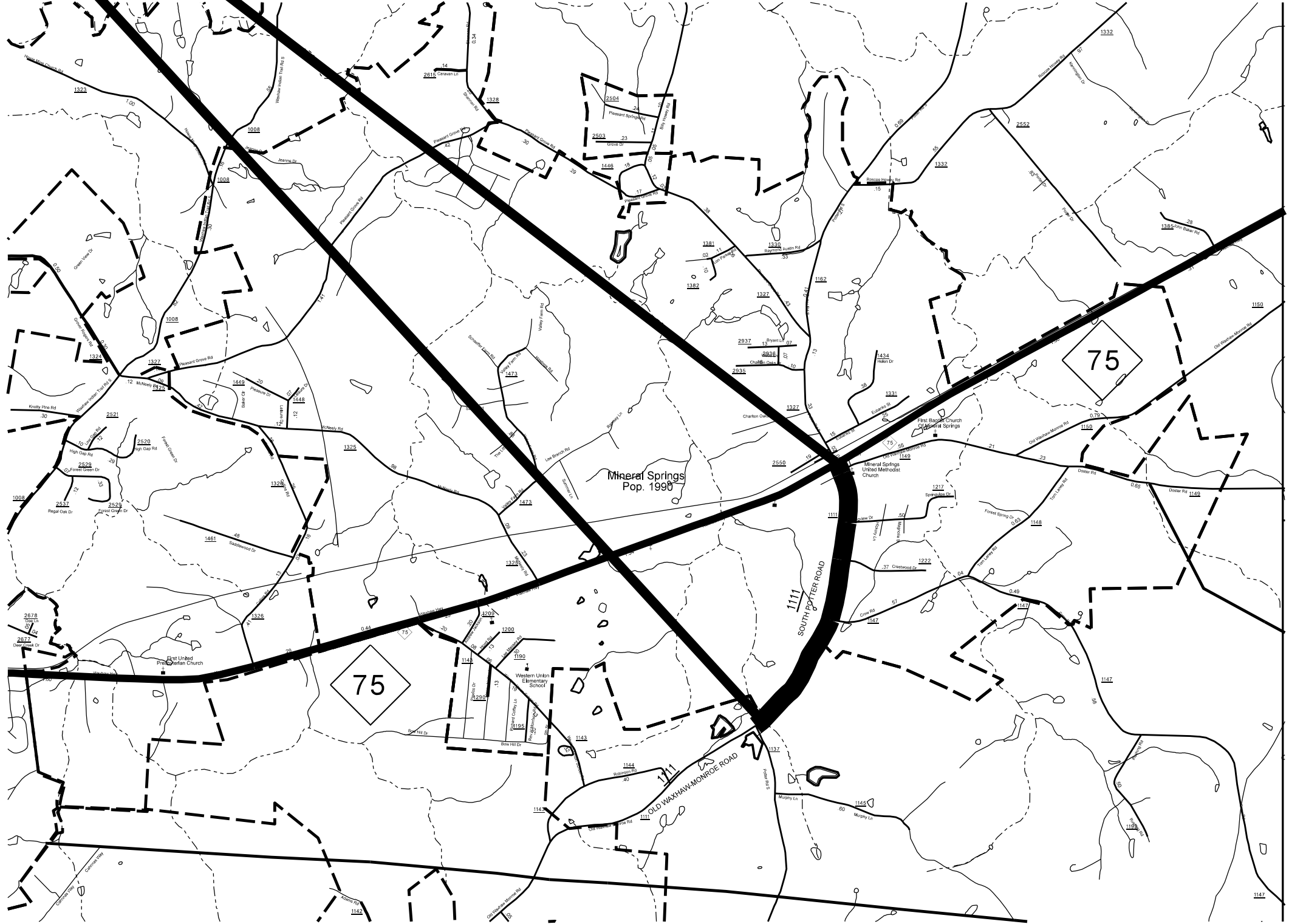


21

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	14	
F.A. PROJECT NO.			



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MAP #21 SR 1111 SOUTH POTTER ROAD
 1.23 MILES
 FROM NC 75 TO
 SR 1111 OLD WAXHAW-MONROE ROAD

22

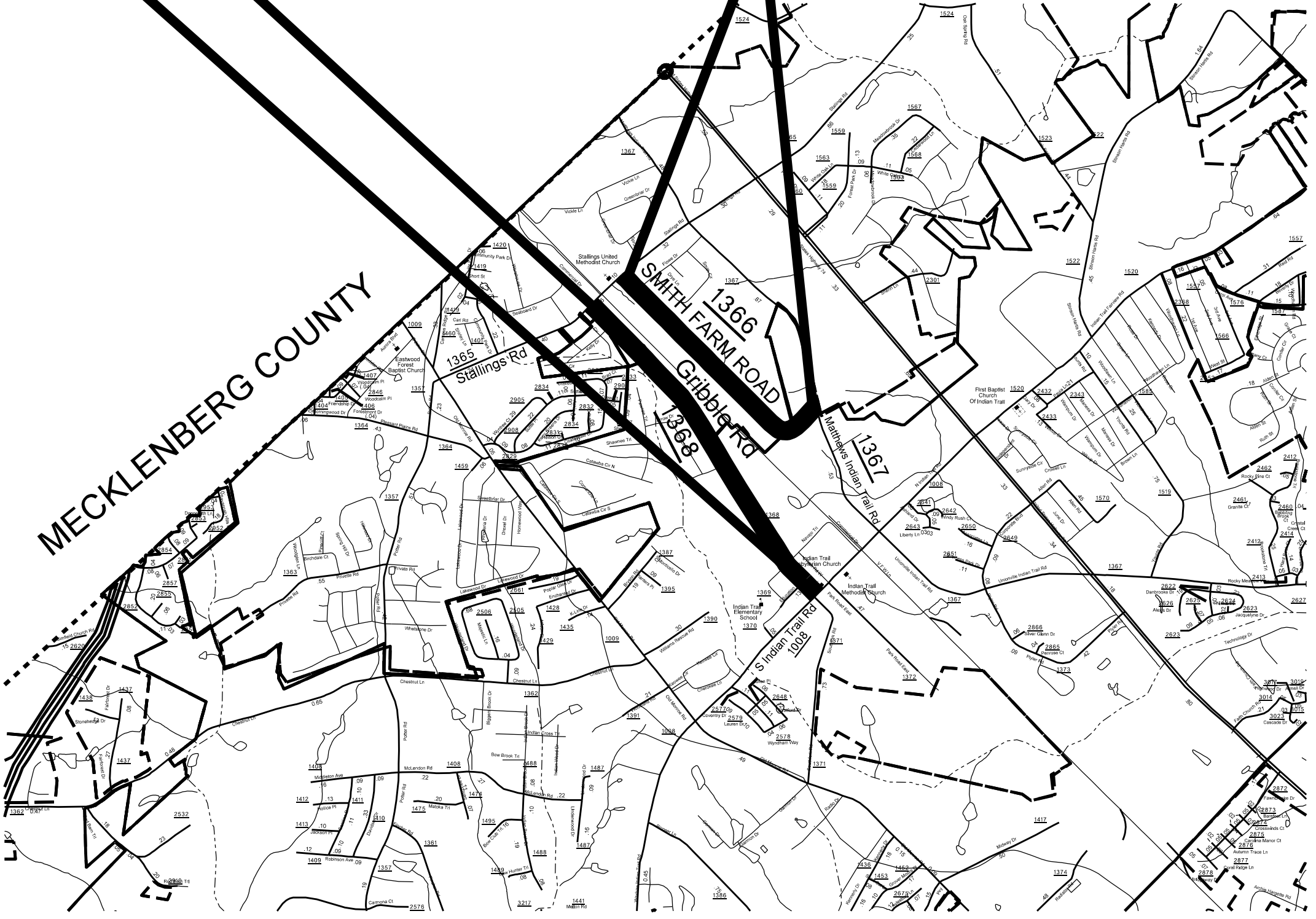
23

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	15	
F.A. PROJECT NO.			



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UNION COUNTY
 NORTH CAROLINA

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MAP #22 SR 1368 GRIBBLE ROAD
 1.4 MILES
 FROM SR 1365 STALLINGS ROAD
 TO SR 1008 INDIAN TRAIL ROAD

Map #23 SR 1366 SMITH FARM ROAD
 1.0 MILES
 FROM SR 1365 TO SR 1367
 MATTHEWS-INDIAN TRAIL ROAD

MECKLENBERG COUNTY

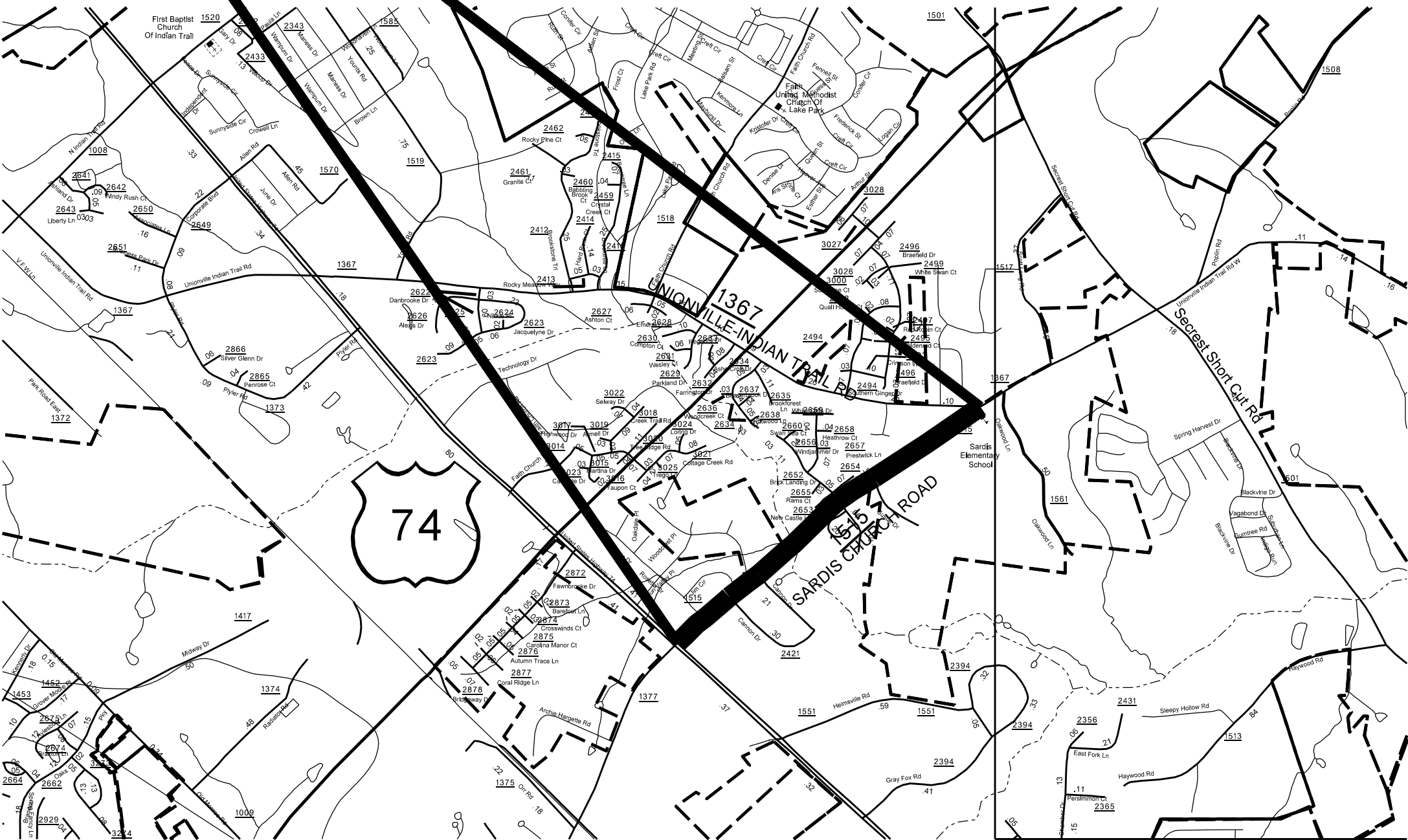
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STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	16	
F.A. PROJECT NO.			



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UNION COUNTY
NORTH CAROLINA
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MAP #24
SR 1515 SARDIS CHURCH ROAD
0.74 MILES
FROM PVMT JT APPROX. 230 FEET
FROM US 74
TO PVMT JT AT
RAINBOW CHILD CARE CENTER

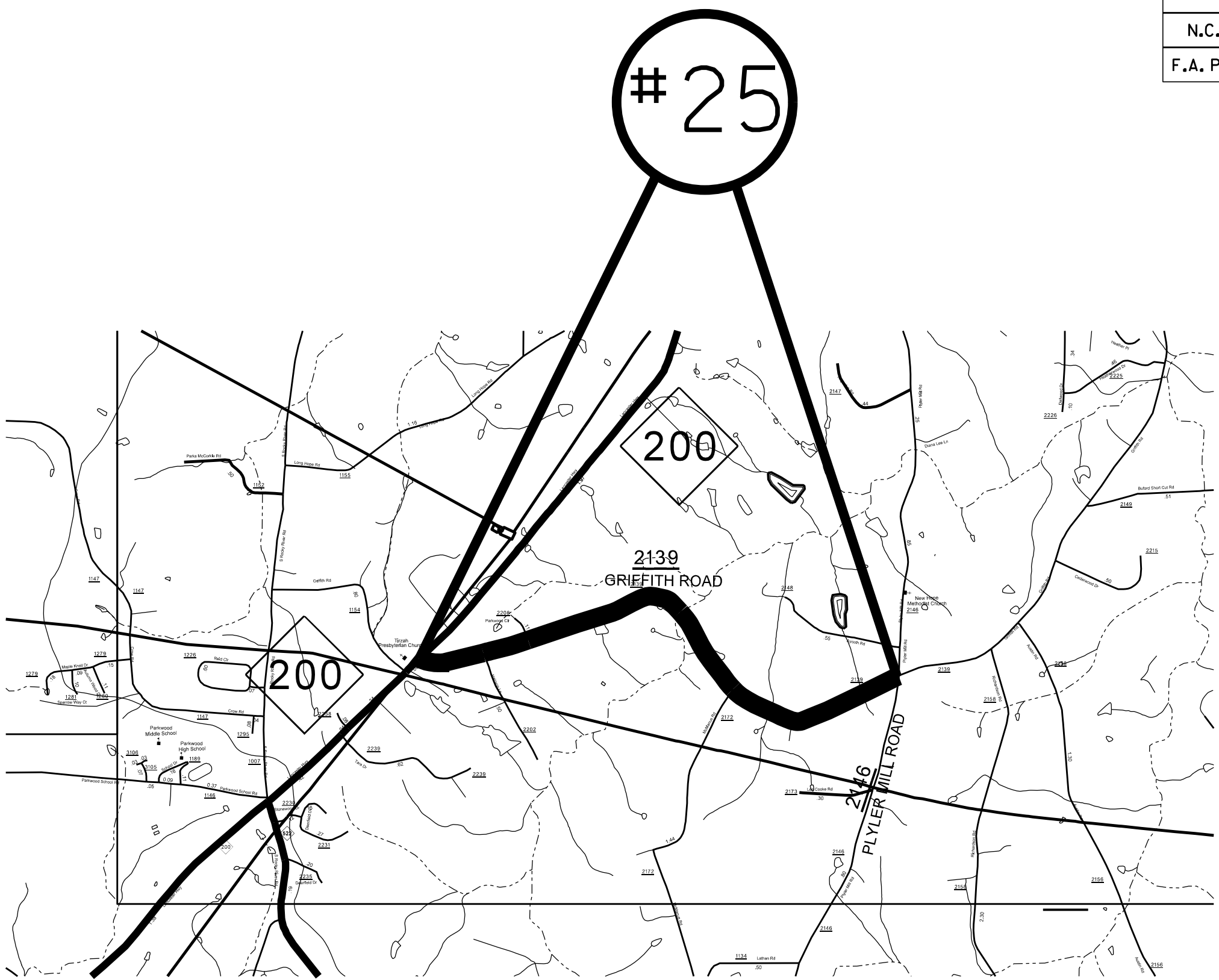


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	17	
F.A. PROJECT NO.			



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UNION COUNTY
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MAP #25 SR 2139 GRIFFITH ROAD
2.4 MILES
FROM SR 2146 PLYLER MILL ROAD
TO NC 200



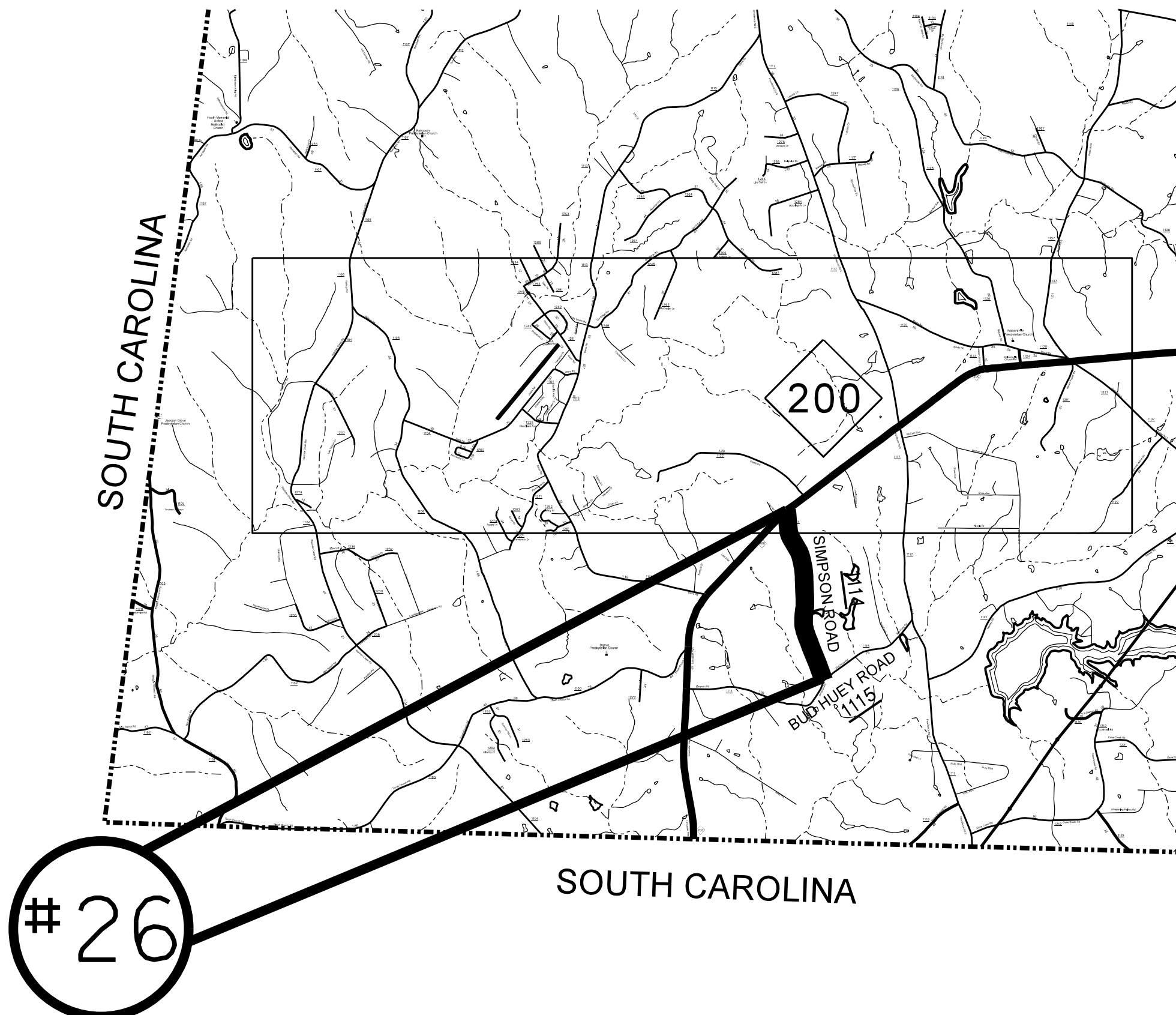
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	18	
F.A. PROJECT NO.			



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UNION COUNTY
 NORTH CAROLINA

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 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #26 SR 1114 SIMPSON ROAD
 1.2 MILES
 FROM SR 1115 BUD HUEY ROAD
 TO NC 200



#26

SOUTH CAROLINA

SOUTH CAROLINA

200

SIMPSON ROAD
 1114
 BUD HUEY ROAD
 1115

#27

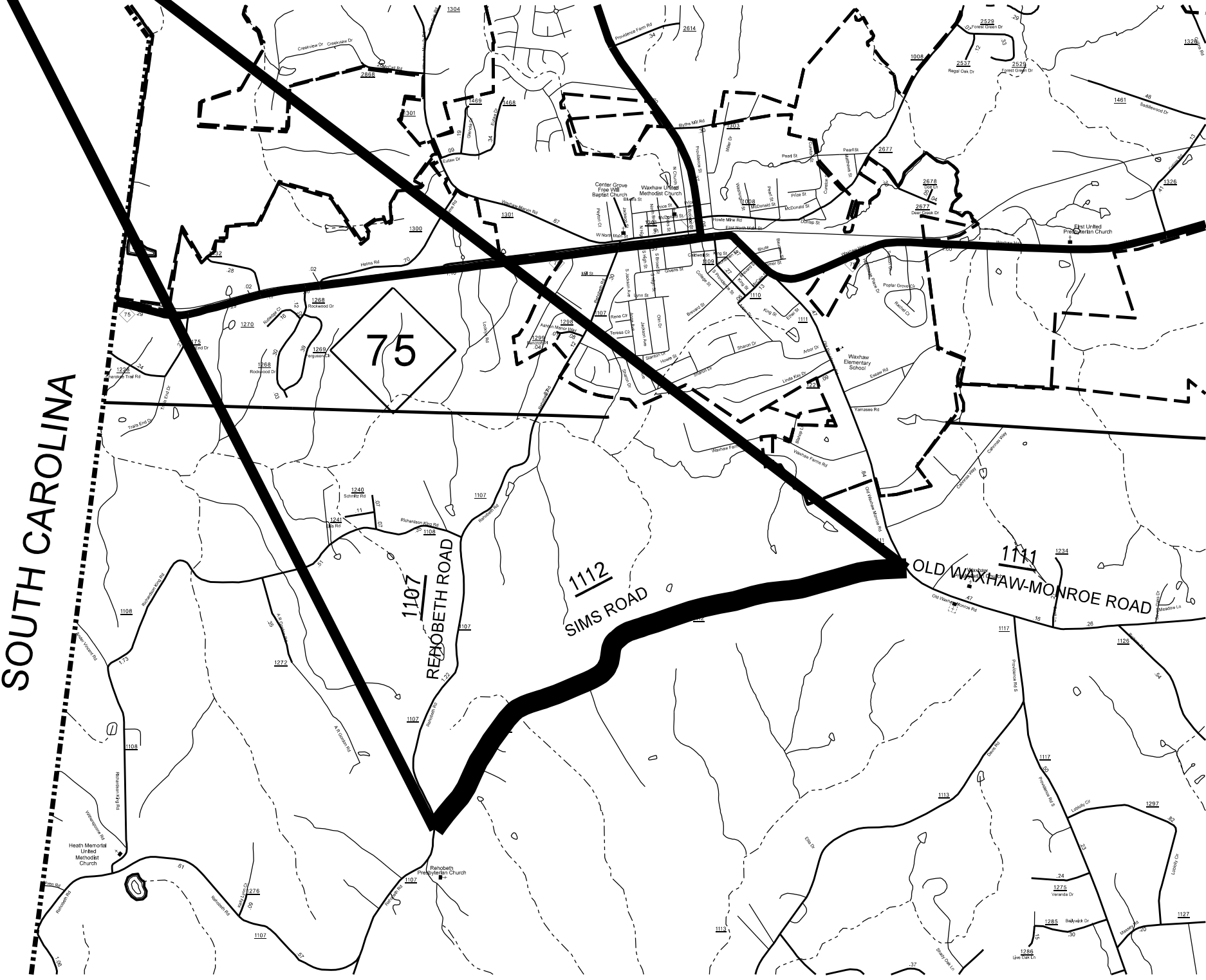
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	19	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
NORTH CAROLINA

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MAP #27 SR 1112 SIMS ROAD
2.3 MILES
FROM SR 1107 REHOBETH ROAD
TO SR 1111 OLD WAXHAW-MONROE ROAD



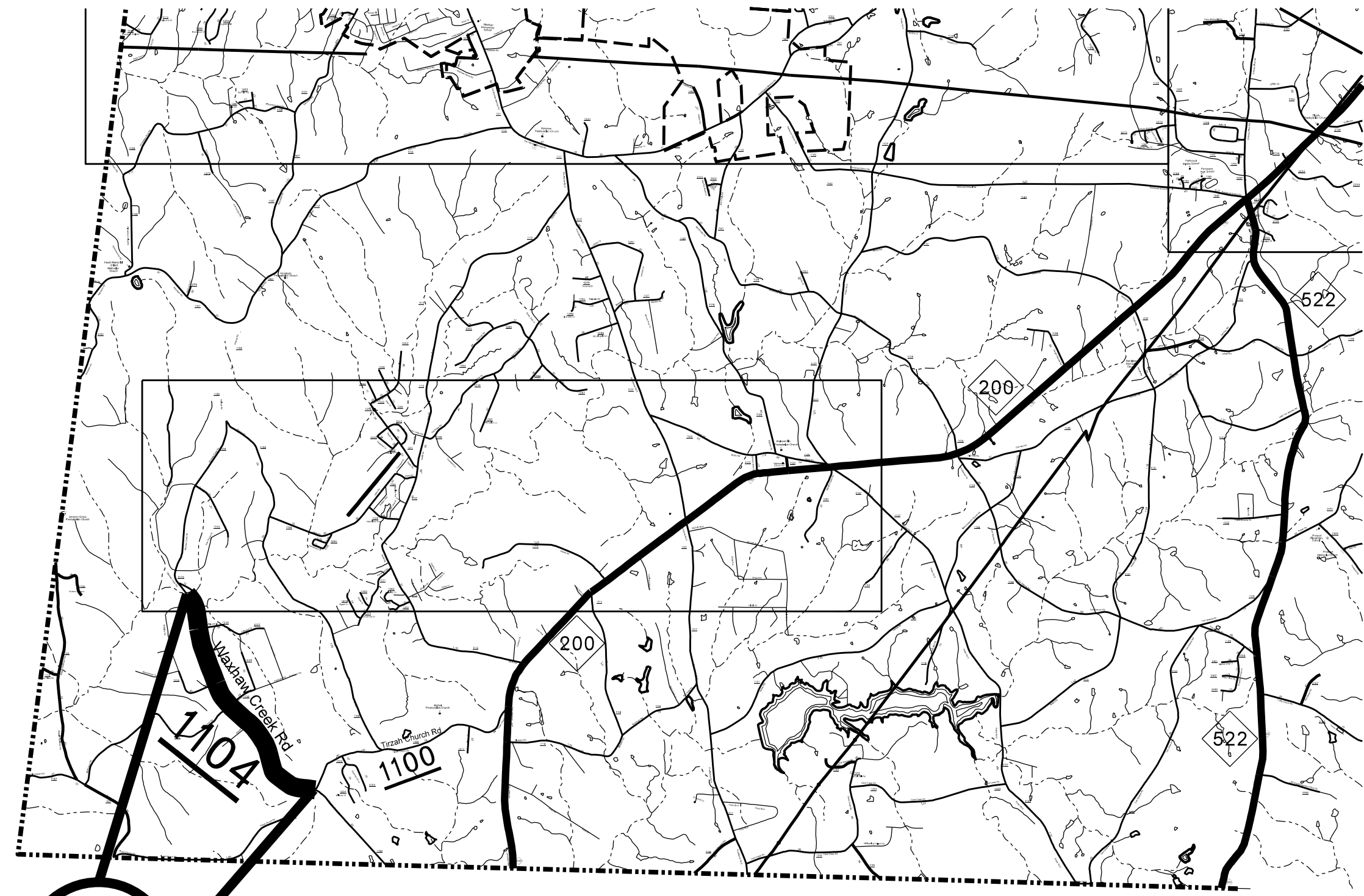
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	20	
F.A. PROJECT NO.			



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UNION COUNTY
 NORTH CAROLINA

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 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #28
 SR 1104 WAXHAW CREEK ROAD
 (1.5 MILES)
 0.5 MILES FROM BRIDGE
 TO SR 1100
 TIRZAH CHURCH ROAD



28

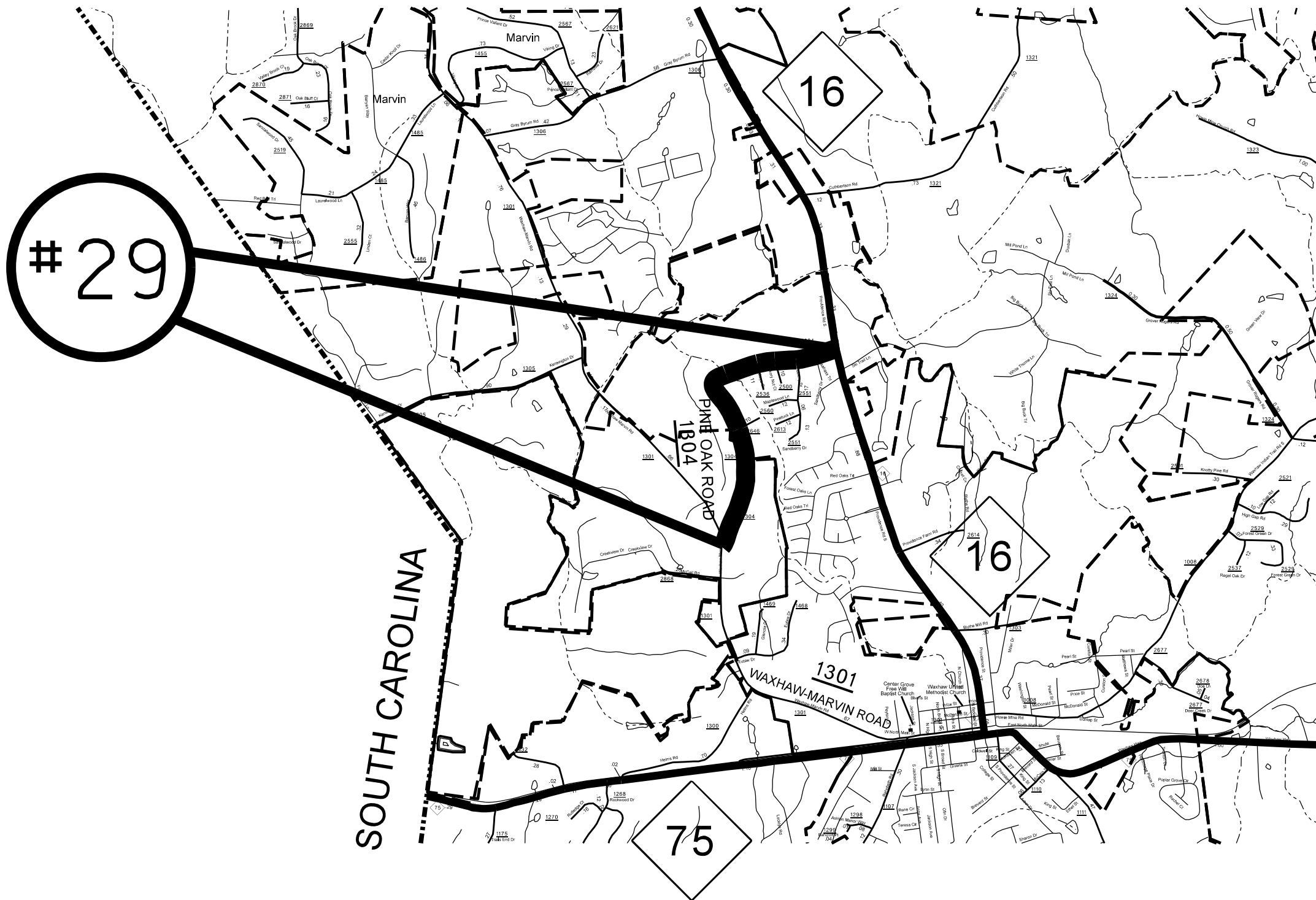
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N.C.	2019CPT.10.01.10901.I, etc.	21	
F.A. PROJECT NO.			



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UNION COUNTY
 NORTH CAROLINA

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 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

MAP #29 SR 1304 PINE OAK ROAD
 1.3 MILES
 FROM SR 1301 WAXHAW-MARVIN ROAD
 TO NC 16



30

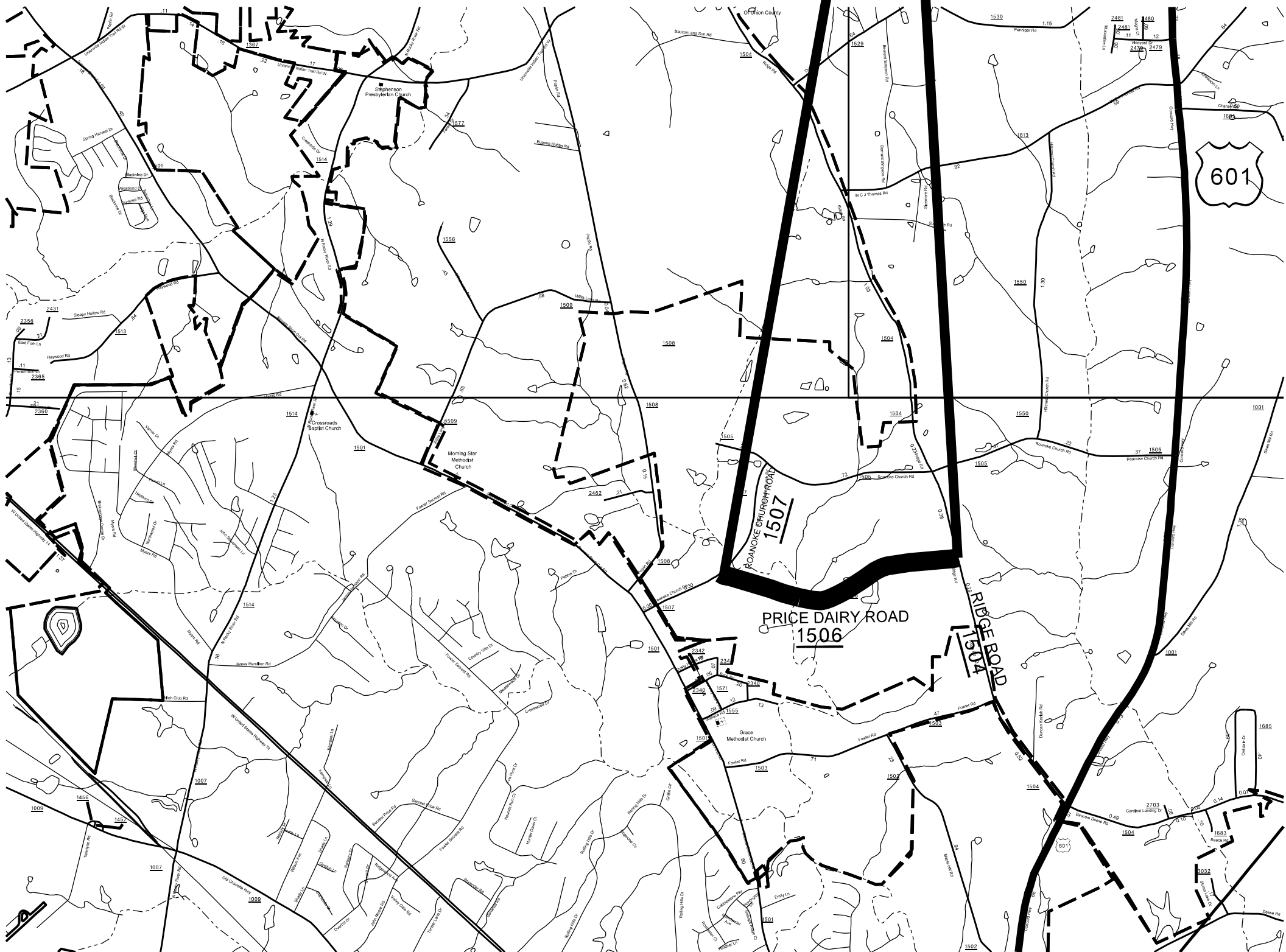
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	22	
F.A. PROJECT NO.			



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UNION COUNTY
NORTH CAROLINA

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MAP #30 SR 1506 PRICE DAIRY ROAD
1.1 MILES
FROM SR 1504 RIDGE ROAD
TO SR 1507 ROANOKE CHURCH ROAD



31

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	23	
F.A. PROJECT NO.			



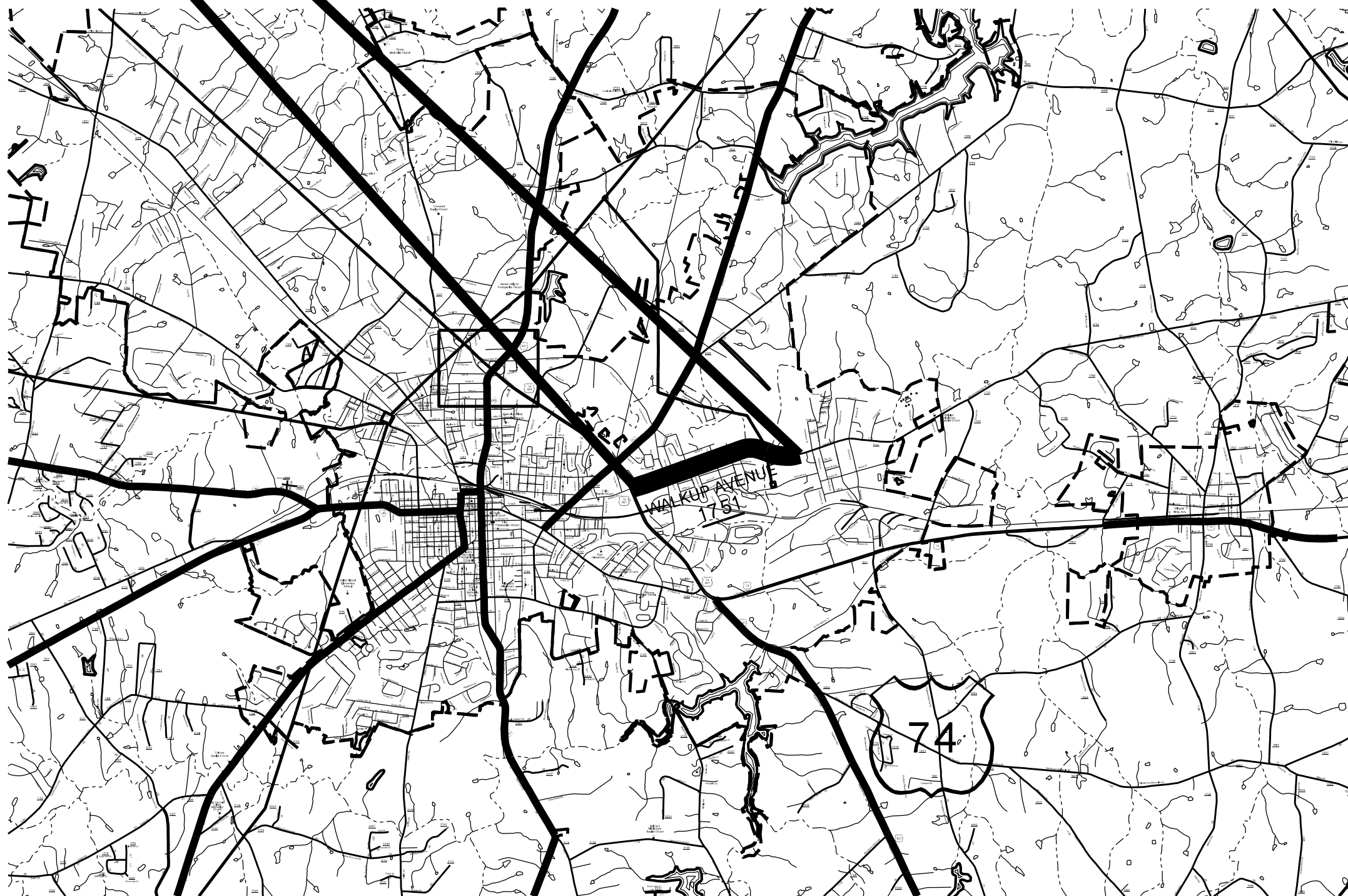
ENLARGED MUNICIPAL AND SUBURBAN AREAS

UNION COUNTY

NORTH CAROLINA

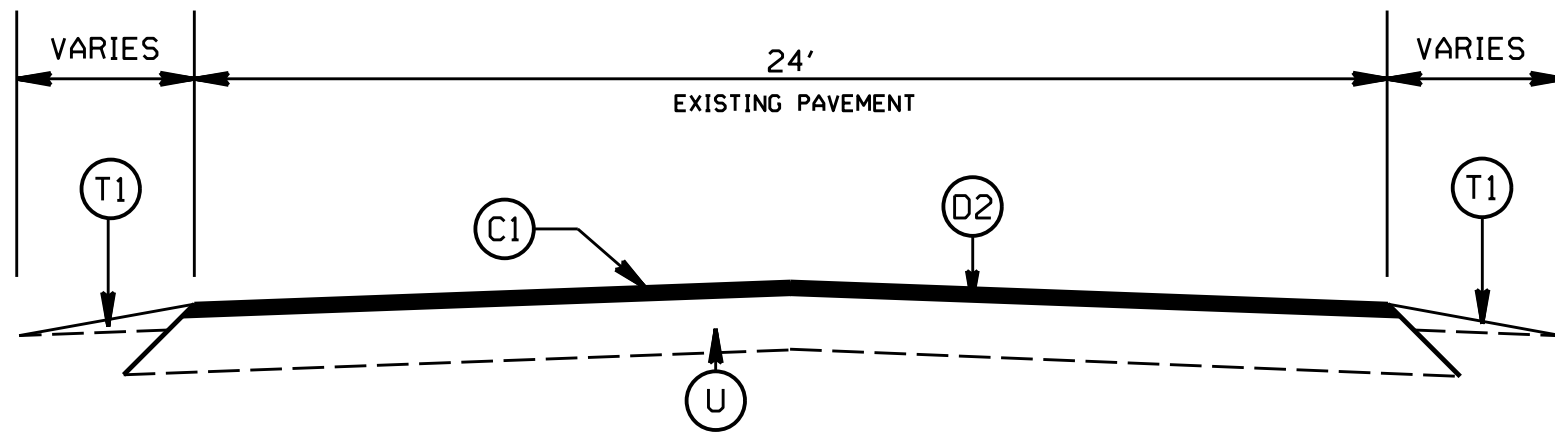
PREPARED BY THE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 3

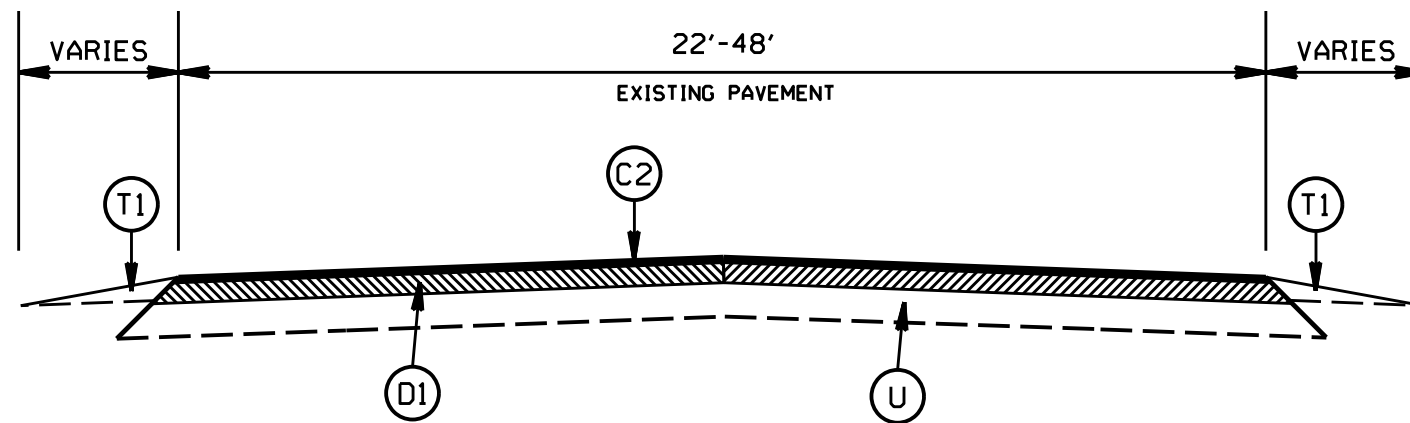


MAP #31 SR 1751 WALKUP AVENUE
1.3 MILES
FROM US 74 FOR 1.3 MILES EAST

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	24	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1
NC 75 (MAP 1)



TYPICAL SECTION NO. 2
NC 75 (MAP 2)
APPROX. STA: 22+80 TO END OF MAP
NC 200 NORTH (MAP 3)
APPROX. STA: 10+00 TO STA: 28+20
APPROX. STA: 31+80 TO END OF MAP
SR 1368 GRIBBLE ROAD (MAP 22)
FROM STA. 10+00 TO STA. 78+50
SR 1515 SARDIS CHURCH ROAD (MAP 24)
FROM STA: 11+55 TO STA: 48+95

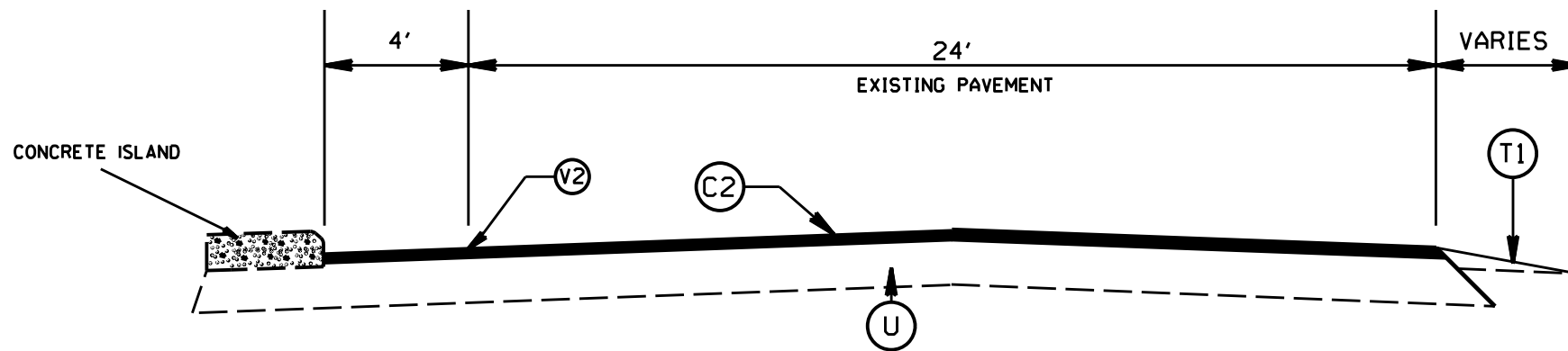
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT # 67
(D3)	AST MAT COAT # 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

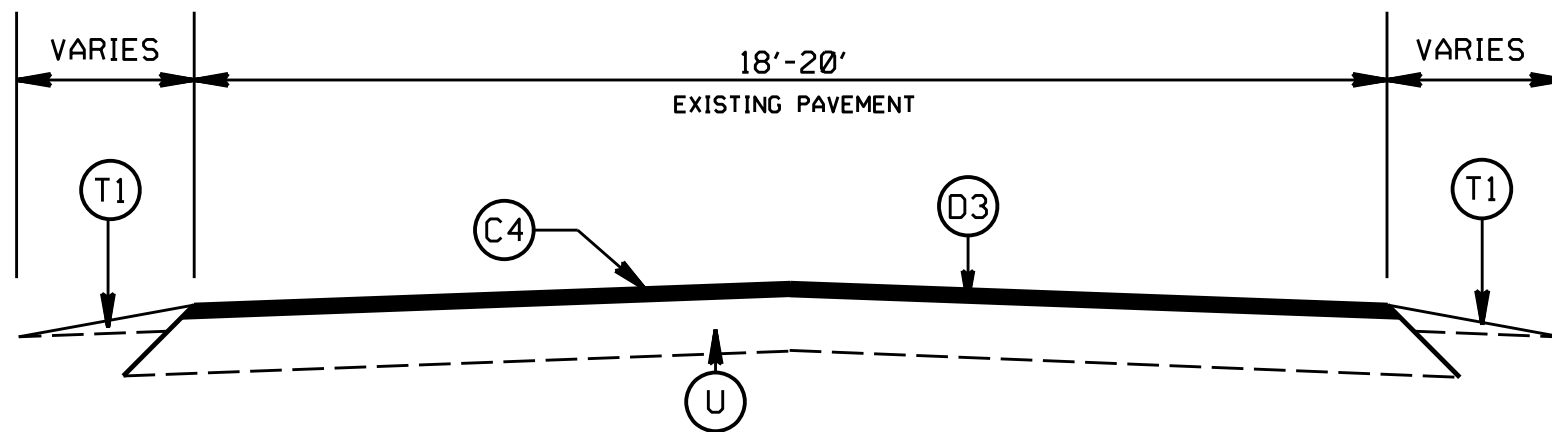
2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMC		
DESIGN BY	AMC		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	25	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 3
 NC 200 (MAP 3)
 APPROX. STA: 28+20 TO STA: 31+80



TYPICAL SECTION NO. 4
 SR 1408 MCLENDON DRIVE (MAP 4)
 SR 1474 SENCONEE ROAD (MAP 5)
 SR 1475 MATOKA TRAIL (MAP 6)
 SR 1483 PILGRIM FOREST (MAP 7)
 SR 1484 BRADFORD STREET (MAP 8)
 SR 2609 CARLY SCOTT ROAD (MAP 9)

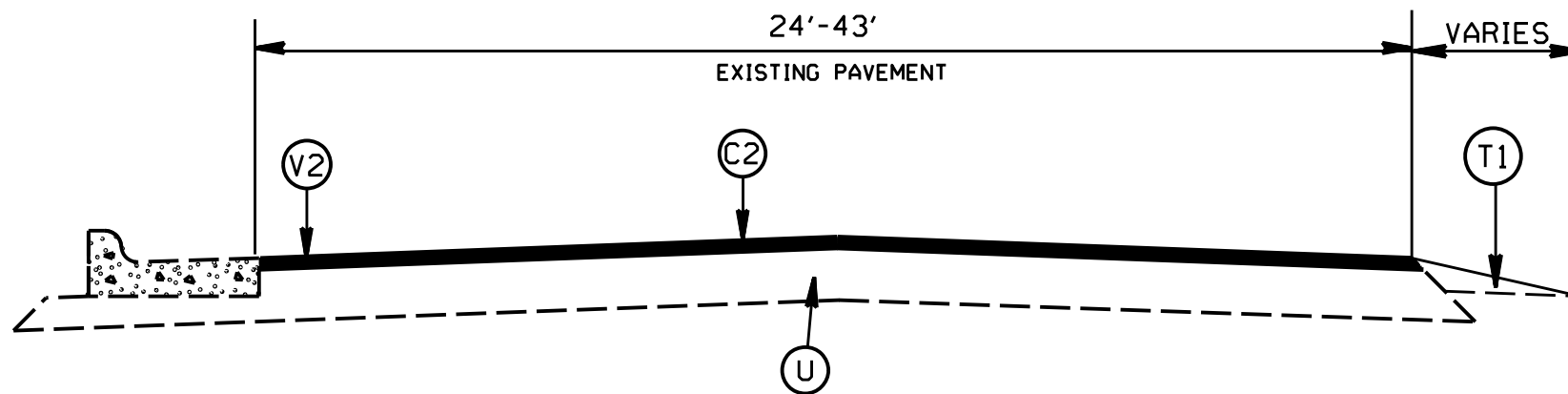
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT * 67
(D3)	AST MAT COAT * 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR 'TRENCHING FOR BASE COURSE BY MILLING.')
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

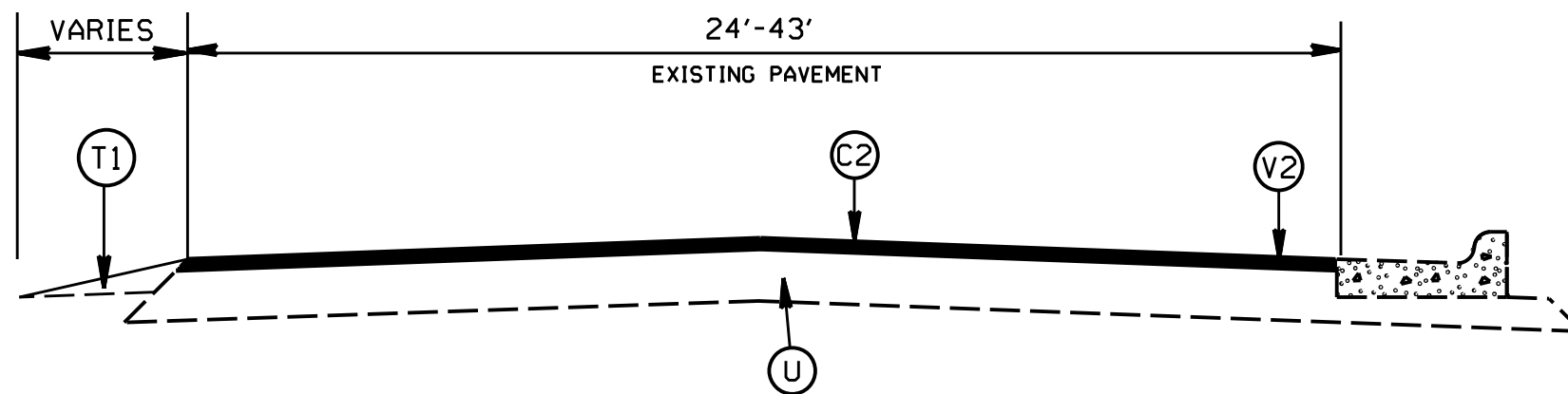
2018-2019
 UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMC		
DESIGN BY	AMC		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	26	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 5
 SR 1003 WHITE STORE ROAD (MAP 10)
 APPROX. STA: 37+30 TO 38+75
 SR 1357 POTTER ROAD (MAP 13)
 APPROX. STA: 63+25 TO STA: 70+00



TYPICAL SECTION NO. 6
 SR 1357 POTTER ROAD ROAD (MAP 13)
 APPROX. STA: 29+30 TO STA: 39+65

PAVEMENT SCHEDULE

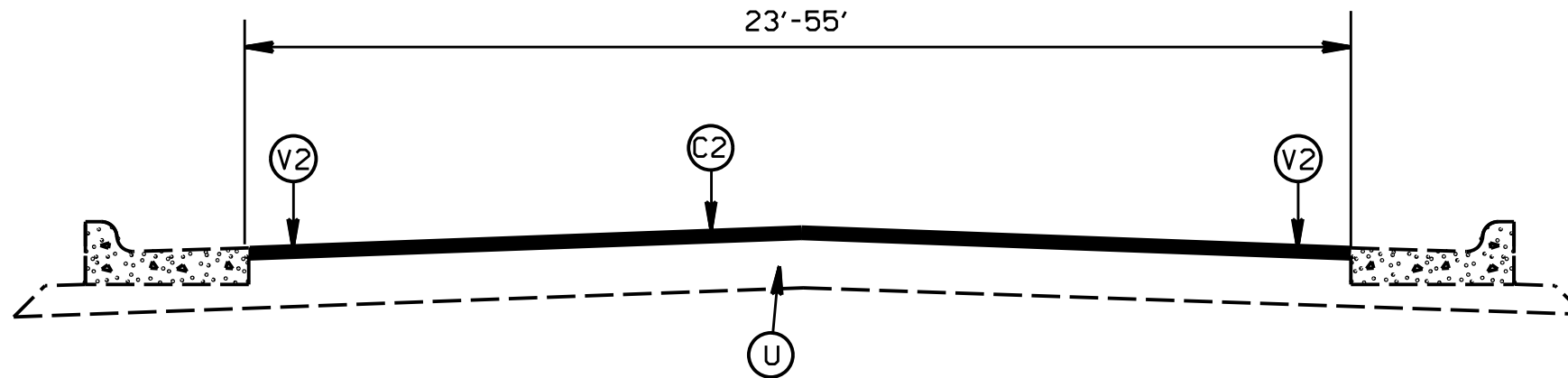
(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT * 67
(D3)	AST MAT COAT * 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH, (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

2018-2019
 UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	27	
F.A. PROJECT NO.			


PAVEMENT SCHEDULE



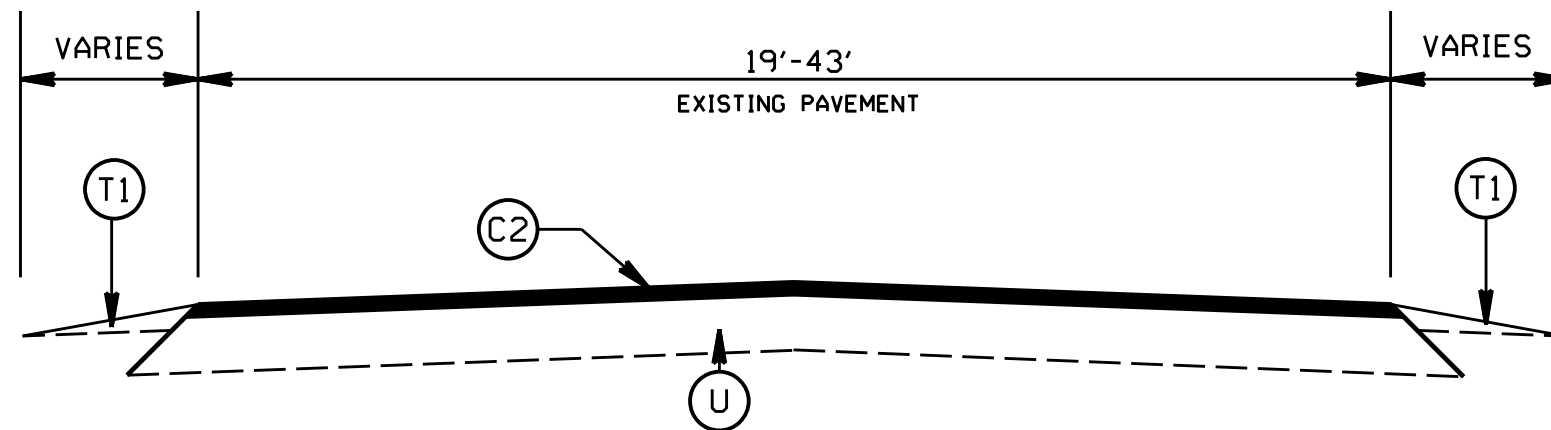
TYPICAL SECTION NO. 7
 SR 1003 WHITE STORE ROAD (MAP 10)
 FROM STA: 86+00 TO STA: 86+47
 AT INTERSECTION WITH 601 SOUTH
 SR 1357 POTTER ROAD (MAP 13)
 APPROX. STA: 70+00 TO 72+95
 SR 1519 YOUNTS ROAD (MAP 16)
 FROM STA: 47+80 TO 56+60
 SR 1515 SARDIS CHURCH ROAD (MAP 24)
 FROM STA: 10+00 TO STA: 11+55
 SR 1751 WALKUP AVENUE (MAP 31)
 FROM STA: 10+00 TO STA: 14+75

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT # 67
(D3)	AST MAT COAT # 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR 'TRENCHING FOR BASE COURSE BY MILLING.')
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMC		
DESIGN BY	AMC		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	28	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 8

NC 75 (MAP 2)

APPROX. STA: 10+00 TO STA: 15+15

SR 1003 WHITE STORE ROAD (MAP 10)

FROM STA: 10+00 TO STA: 37+30

FROM STA: 38+75 TO 86+00

SR 1194 JAARS ROAD (MAP 12)

SR 1357 POTTER ROAD (MAP 13)

APPROX. STA: 10+00 TO STA: 15+70

APPROX. STA: 39+65 TO STA: 63+25

SR 1371 SOUTH FORK ROAD (MAP 15)

SR 1519 YOUNTS ROAD (MAP 16)

FROM STA: 10+00 TO 20+05

FROM STA: 34+35 TO STA: 47+80

SR 1657 HAIGLER GIN ROAD (MAP 17)

SR 1111 SOUTH POTTER ROAD (MAP 21)

SR 1143 WESTERN UNION SCHOOL ROAD (MAP 19)

SR 1751 WALKUP AVENUE (MAP 31)

FROM STA: 14+75 TO 73+20

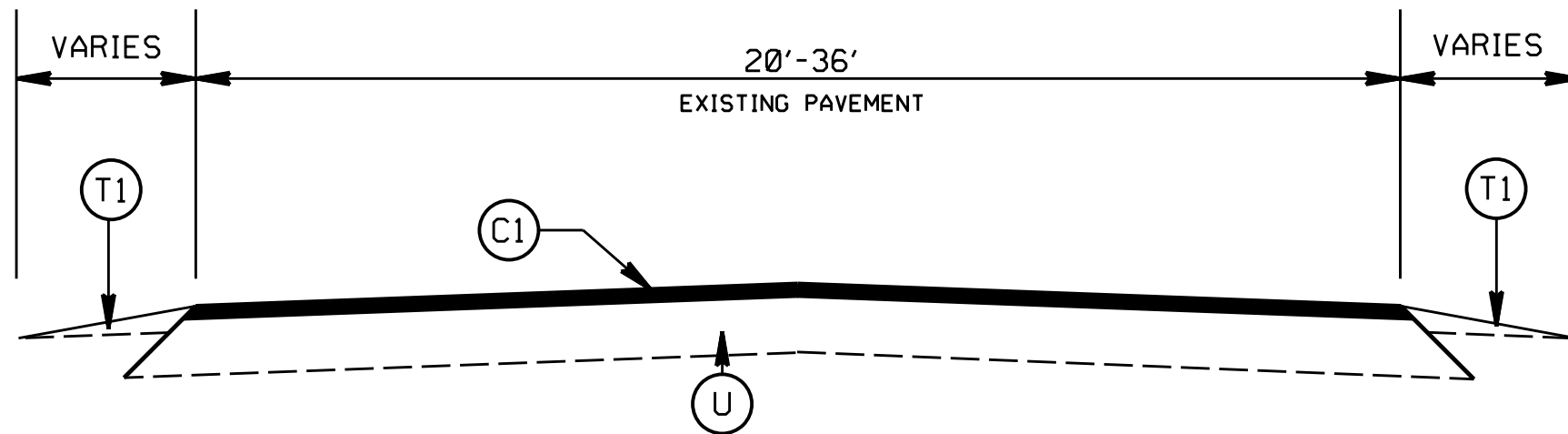
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S.P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT * 67
(D3)	AST MAT COAT * 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SOYD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5' IN DEPTH. (SEE S.P. FOR 'TRENCHING FOR BASE COURSE BY MILLING.')
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

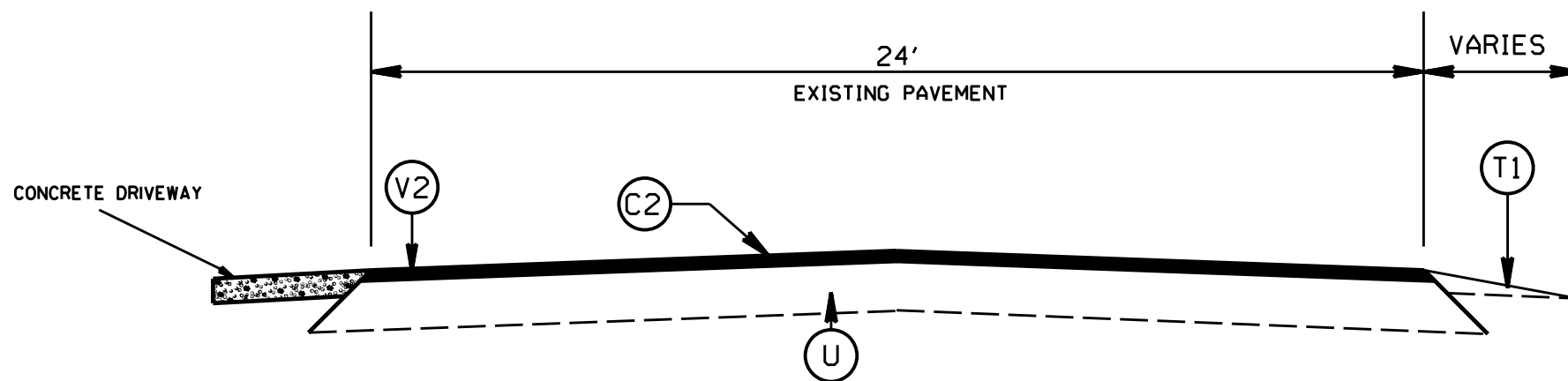
2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.I0.01.I0901.I, etc.	29	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 9
 SR 1681 OLD CAMDEN ROAD (MAP 11)
 SR 1364 PLEASANT PLAINS ROAD (MAP 14)
 APPROX. STA: 22+50 TO STA: 24+50
 SR 2139 GRIFFITH ROAD (MAP 25)
 SR 1366 SMITH FARM ROAD (MAP 23)



TYPICAL SECTION NO. 10
 NC 75 (MAP 2)
 APPROX. STA: 15+15 TO 22+80

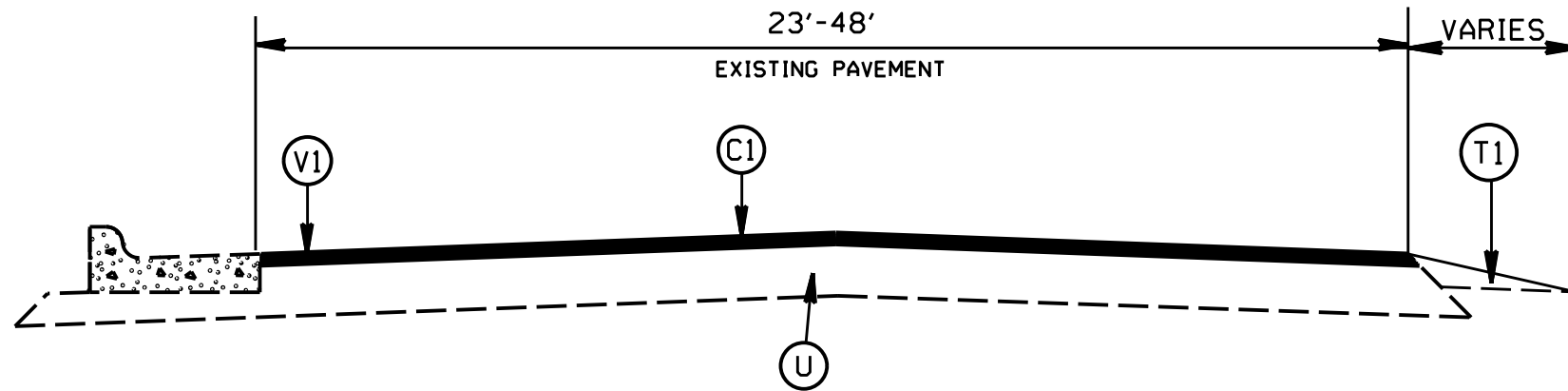
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT * 67
(D3)	AST MAT COAT * 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR 'TRENCHING FOR BASE COURSE BY MILLING.')
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

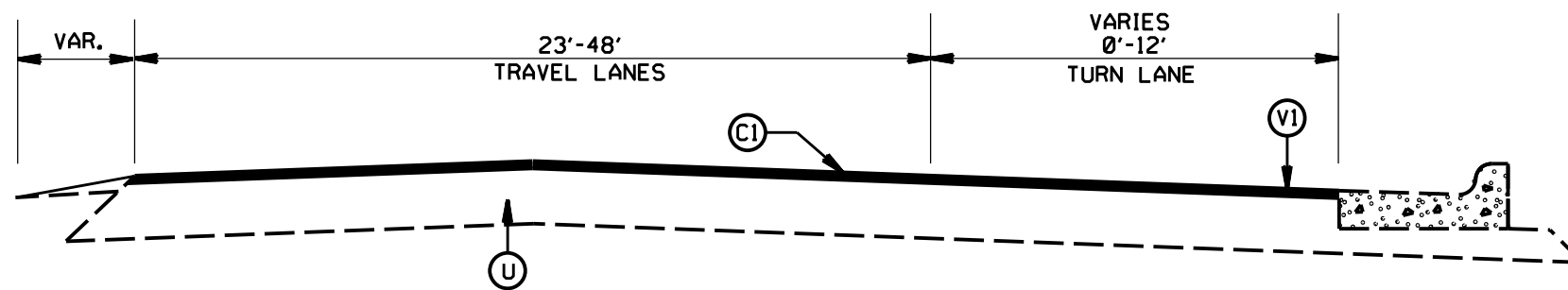
2018-2019
 UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	30	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 11
 SR 1364 PLEASANT PLAINS ROAD (MAP 14)
 FROM STA: 24+50 TO STA: 25+60



TYPICAL SECTION NO. 12
 SR 1364 PLEASANT PLAINS ROAD (MAP 14)
 FROM STA: 10+00 TO STA: 22+50

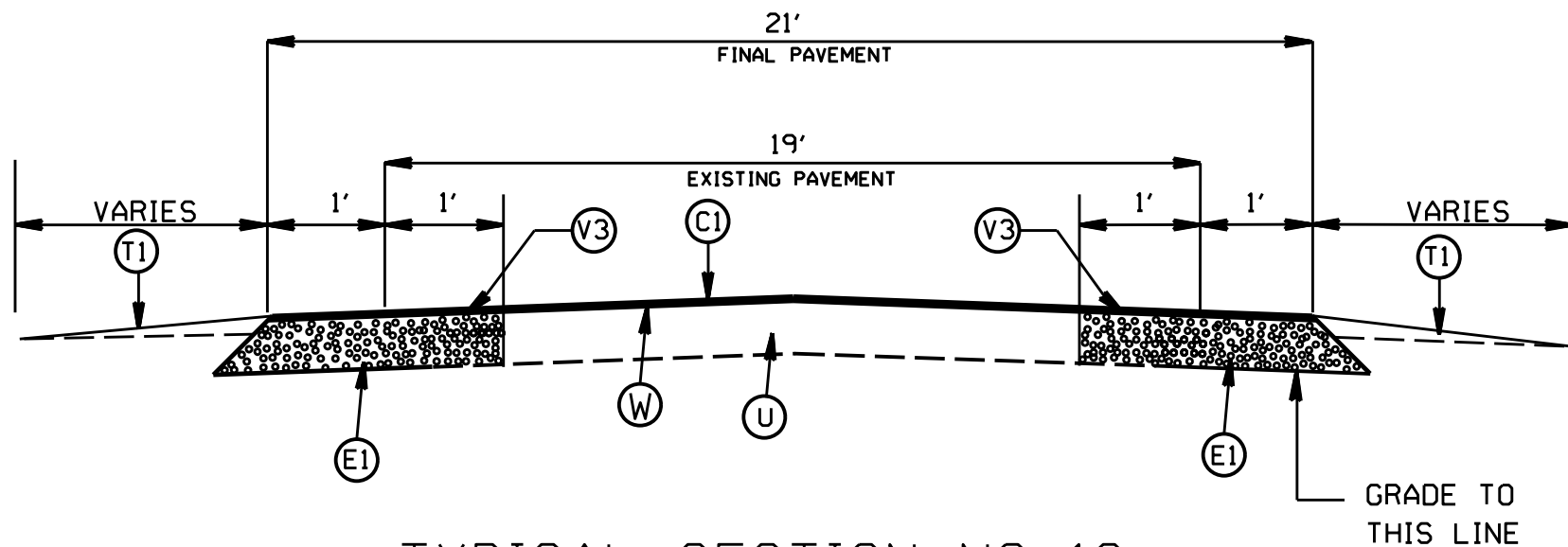
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL. (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT ■ 67
(D3)	AST MAT COAT ■ 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1" OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

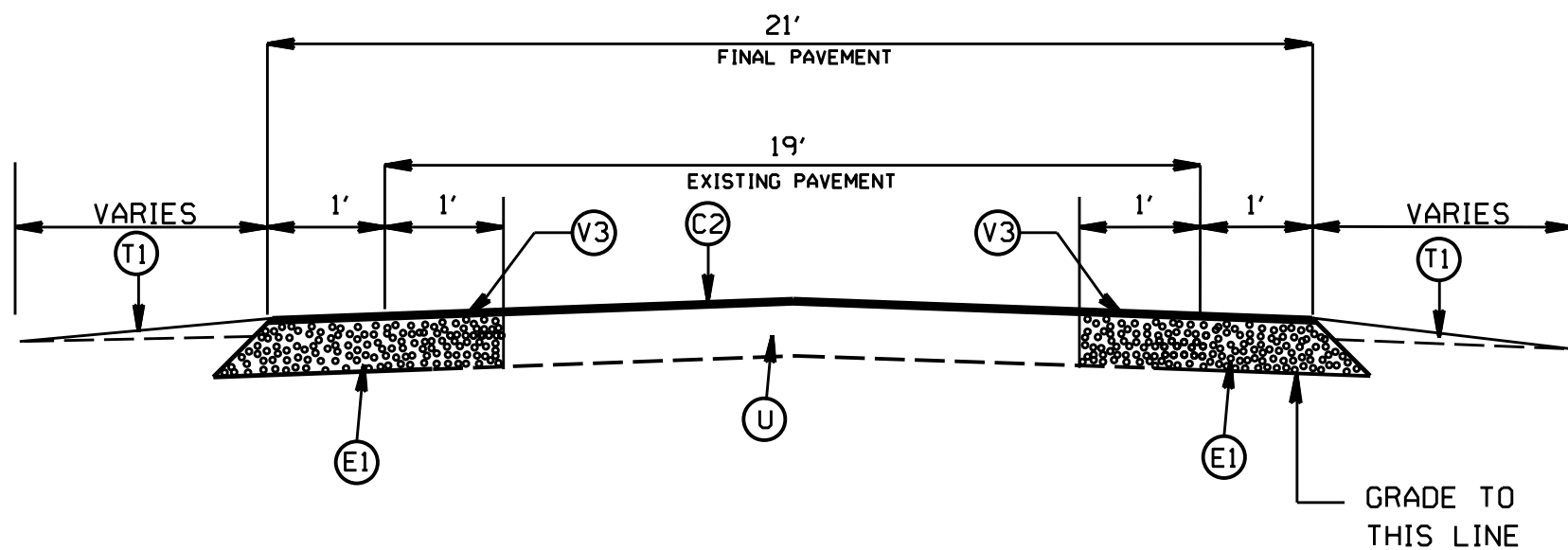
2018-2019
 UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMC		
DESIGN BY	AMC		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	31	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 13
 SR 1371 PLEASANT PLAINS ROAD (MAP 14)
 APPROX. STA: 40+95 TO STA: 51+50



TYPICAL SECTION NO. 14
 SR 1006 OLIVE BRANCH ROAD (MAP 18)

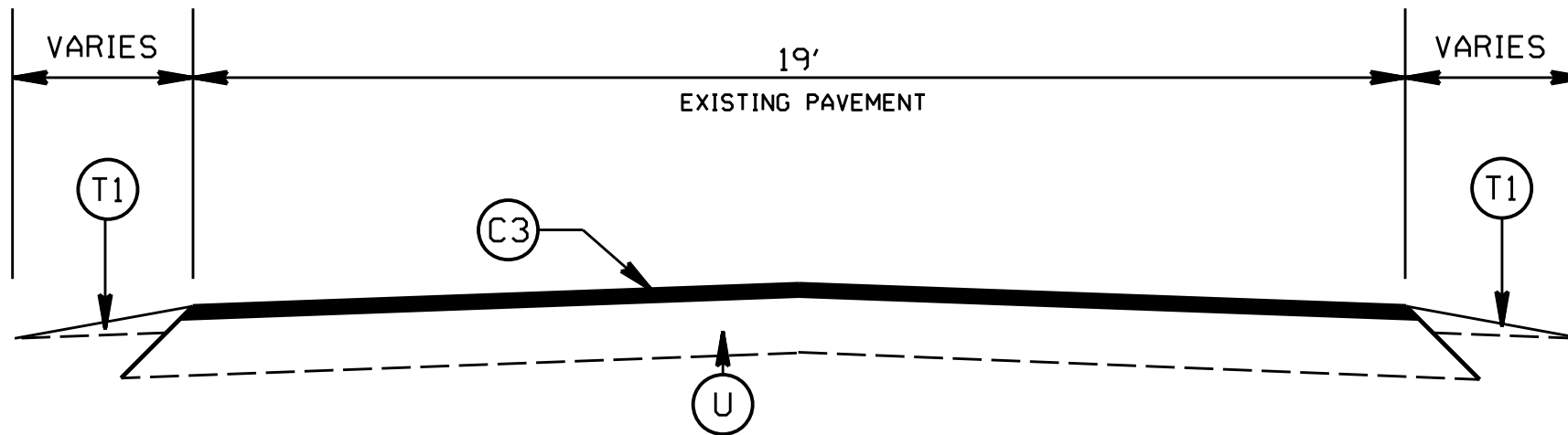
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT = 67
(D3)	AST MAT COAT = 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

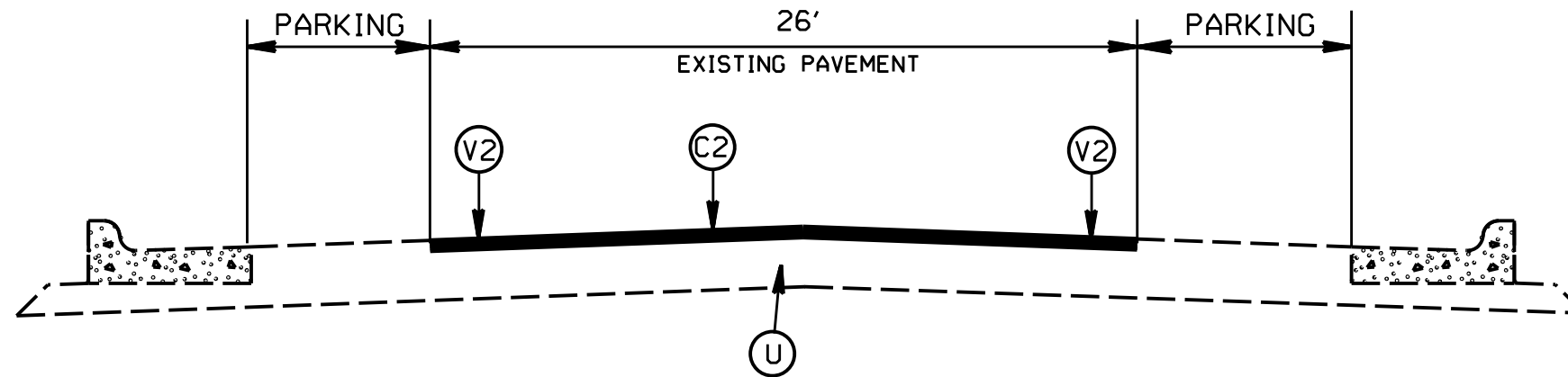
2018-2019
 UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	32	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 15
SR 1209 ANDREW JACKSON DRIVE (MAP 20)



TYPICAL SECTION NO. 16
SR 1368 GRIBBLE ROAD (MAP 22)
FROM STA: 78+50 TO 80+90

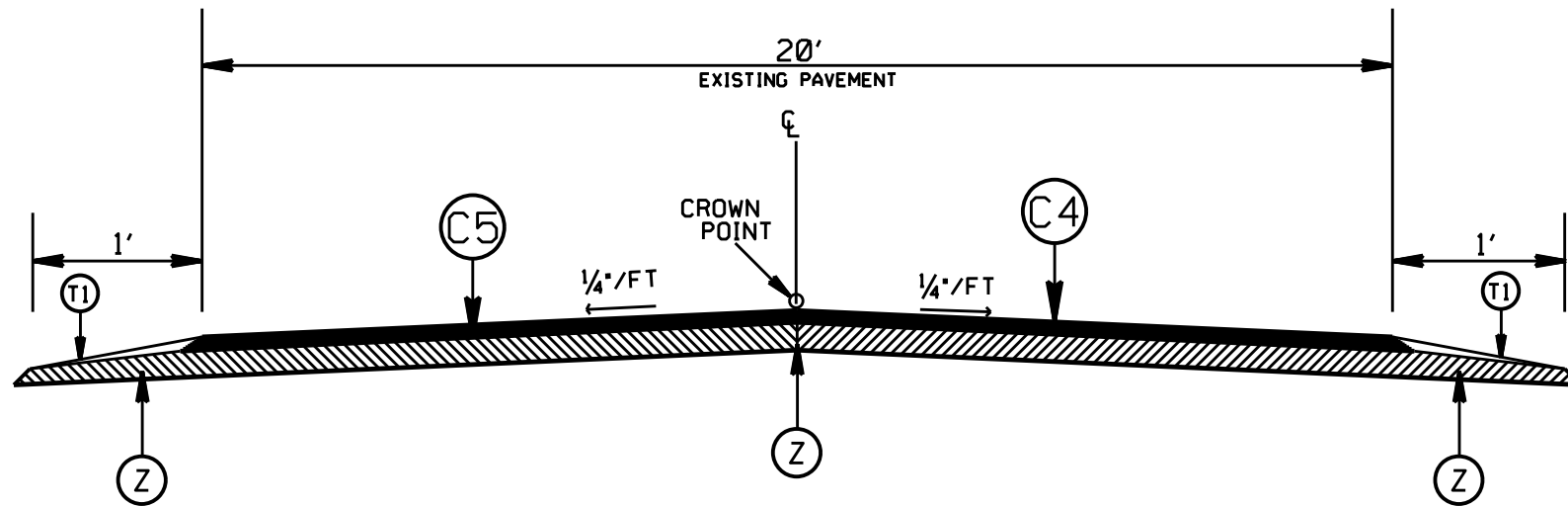
PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL. (SEE S.P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT # 67
(D3)	AST MAT COAT # 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

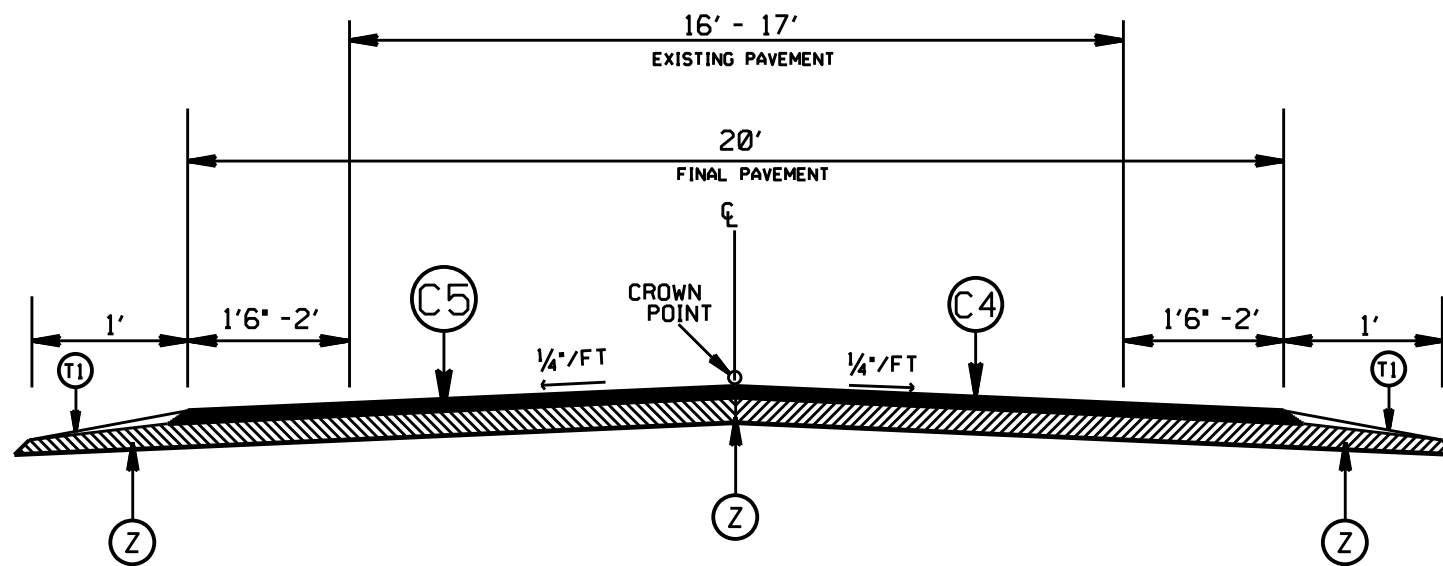
2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMC		
DESIGN BY	AMC		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.I0.01.I0901.I, etc.	33	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 17
 SR 1114 SIMPSON ROAD (MAP 26)
 SR 1506 PRICE DAIRY ROAD (MAP 30)



TYPICAL SECTION NO. 18
 SR 1112 SIMS ROAD (MAP 27)
 SR 1304 PINE OAK ROAD (MAP 29)

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT = 67
(D3)	AST MAT COAT = 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1" OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION

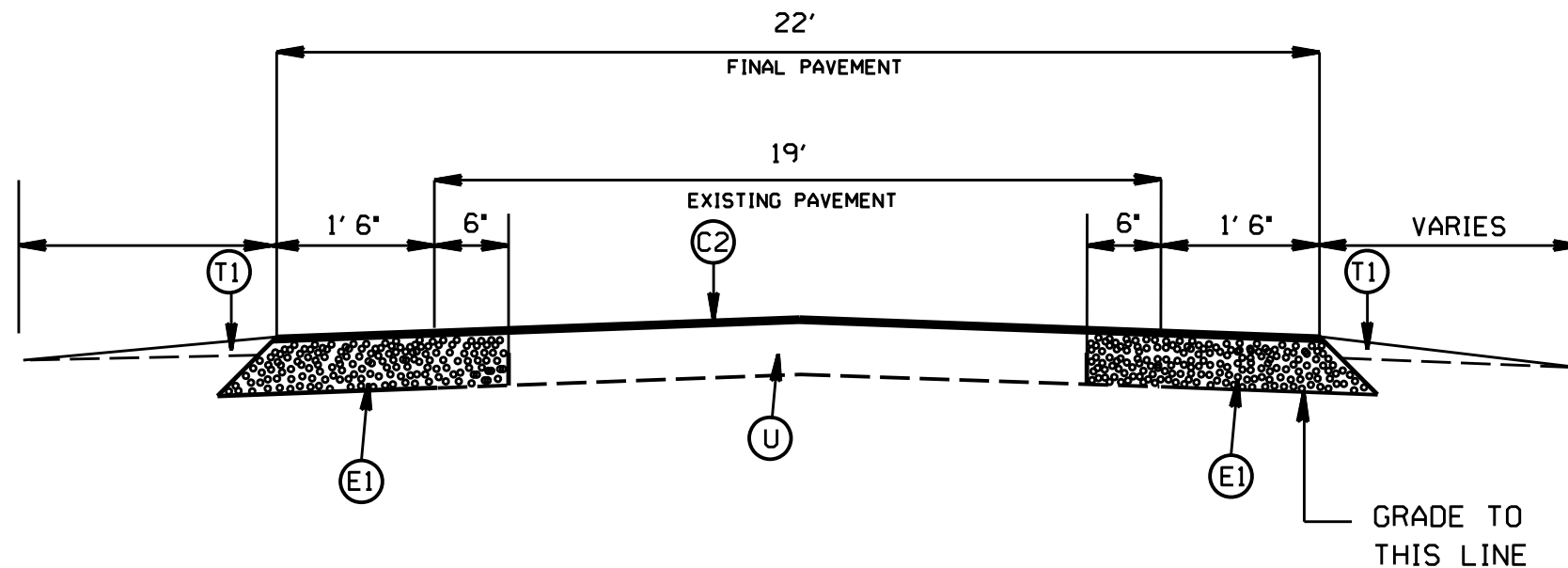
2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	34	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT # 67
(D3)	AST MAT COAT # 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQYD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR 'TRENCHING FOR BASE COURSE BY MILLING.')
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION



TYPICAL SECTION NO. 19
SR 1104 WAXHAW CREEK ROAD (MAP 28)

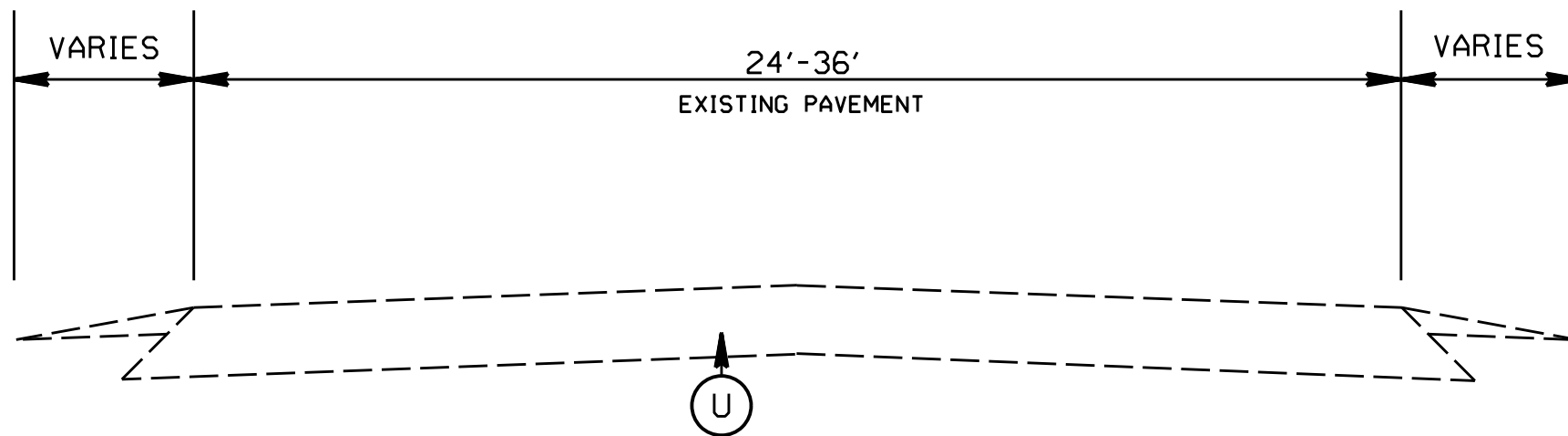
2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.1, etc.	35	
F.A. PROJECT NO.			


PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE 119.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT * 67
(D3)	AST MAT COAT * 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR *TRENCHING FOR BASE COURSE BY MILLING.*)
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION



TYPICAL SECTION 20
 SR 1357 POTTER ROAD (MAP 13)
 APPROX. STA: 15+70 TO STA: 29+30
 SR 1364 PLEASANT PLAINS ROAD (MAP 14)
 APPROX. STA: 25+60 TO STA: 40+95
 SR 1519 YOUNTS ROAD (MAP 16)
 APPROX. STA: 20+05 TO 34+35
 *SEE NOTE 8

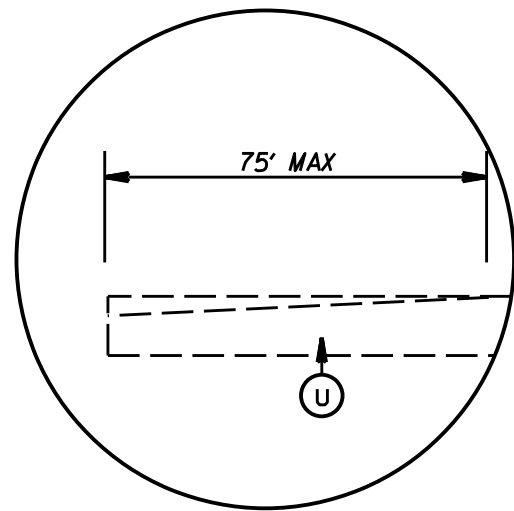
2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMC		
DESIGN BY	AMC		
APPROVED	CLA		

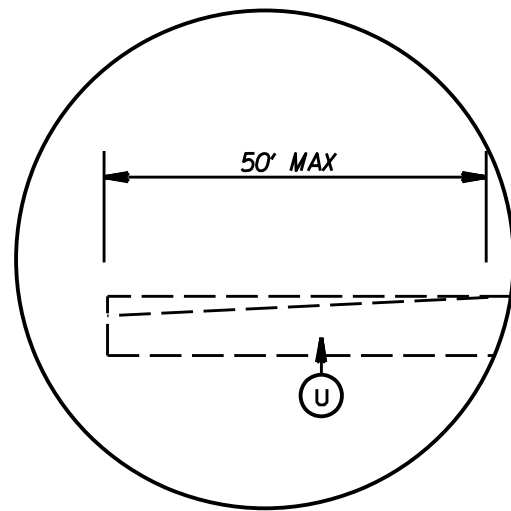
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I, etc.	36	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE

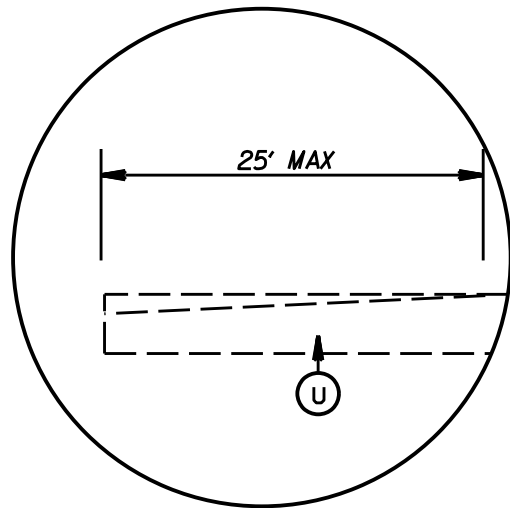
(C1)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C3)	PROP. APPROX. 2.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
(C4)	PROP. APPROX. 1.0" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
(C5)	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, (SEE S. P. FOR AGGREGATE TYPE.)
(D1)	PROPOSED 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(D2)	AST MAT COAT # 67
(D3)	AST MAT COAT # 78M
(E1)	PROP. APPROX. 5" ASPHALT BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS PER SQYD.
(T1)	SHOULDER RECONSTRUCTION
(V1)	PROFILE MILLING EXISTING ASPHALT, 0 - 2.0"
(V2)	PROFILE MILLING EXISTING ASPHALT, 0 - 1.5"
(V3)	MILLING 1' OF EXISTING PAVEMENT, 5" IN DEPTH. (SEE S.P. FOR "TRENCHING FOR BASE COURSE BY MILLING.")
(W)	EXISTING CONCRETE PAVEMENT
(U)	EXISTING PAVEMENT
(Z)	FULL DEPTH RECLAMATION



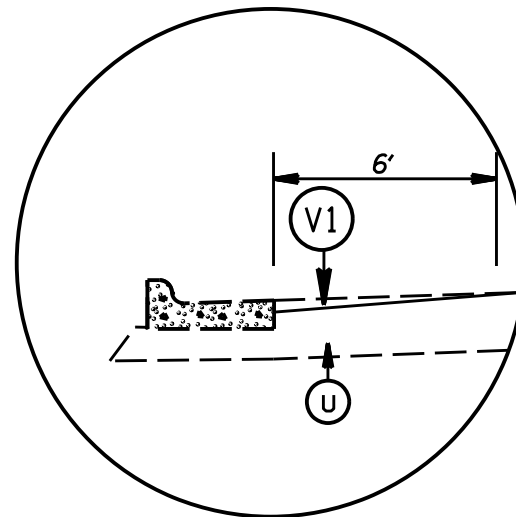
DETAIL FOR INCIDENTAL MILLING (0" TO 2.0")



DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")

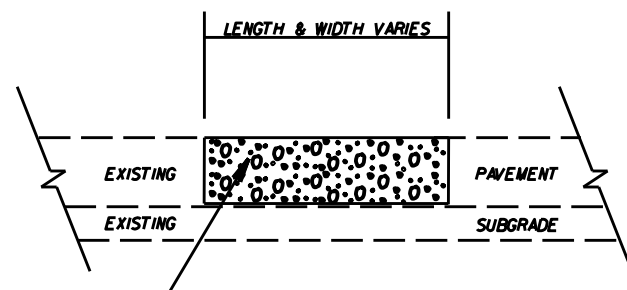


DETAIL FOR INCIDENTAL MILLING (0" TO 1.0")



DETAIL FOR PROFILE MILLING

PATCHING DETAIL



RATE IS VARIABLE AND SHALL BE AS DIRECTED BY THE ENGINEER. ASPHALT TYPE I190C SHALL BE PLACED.


2018-2019
UNION COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	01/18		
DWG. BY	AMO		
DESIGN BY	AMO		
APPROVED	CLA		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.10.01.10901.I - ETC. 2019CPT.10.01.20901.I - ETC. 2019CPT.10.01.20902.I - ETC.	37	
F.A. PROJECT NO.			

NOTES:

1. ON MAPS 10 AND 12, MILL AND FILL BRIDGE WITH 1.5" S9.5C.
2. ON MAP 25, MILL AND FILL BRIDGE WITH 2.0" S9.5C.
- 3: ON MAPS 3, 29, AND 31 DO NOT MILL OR RESURFACE BRIDGE.
- 4: SHOULDER RECONSTRUCTION WILL BE AS DIRECTED BY THE ENGINEER.
- 5: FULL DEPTH RECLAMATION AND AST SHALL BE COMPLETED, ON MAPS 26, 27, 29, AND 30, PRIOR TO THE ASPHALT OVERLAY.
- 6: WIDENING ON FULL DEPTH RECLAMATION MAPS TO BE DONE BY STATE FORCES.
- 7: NO WORK, CONTRACTOR SHALL SKIP THESE AREAS.

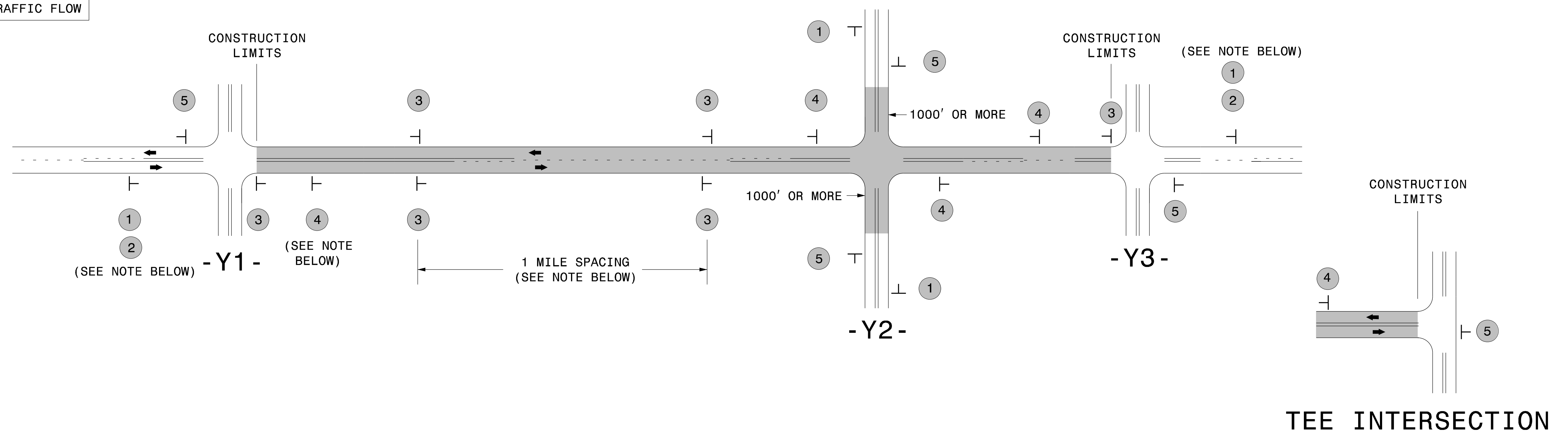
2018-2019 UNION COUNTY RESURFACING		
SCALE	-NA-	
DATE	01/18	
DWG. BY	AMO	
DESIGN BY	AMO	
APPROVED	CLA	
		REVISIONS

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



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.
--	--

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.

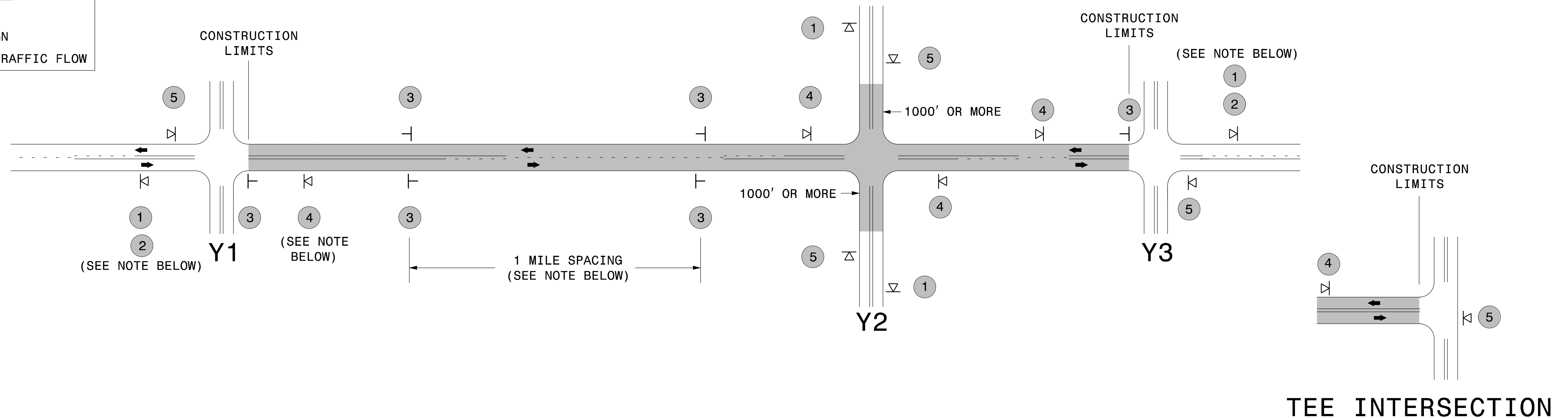
ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

5/15/2017 S:\TUX\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn User:kdais

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- ▷ PORTABLE SIGN
- └ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW



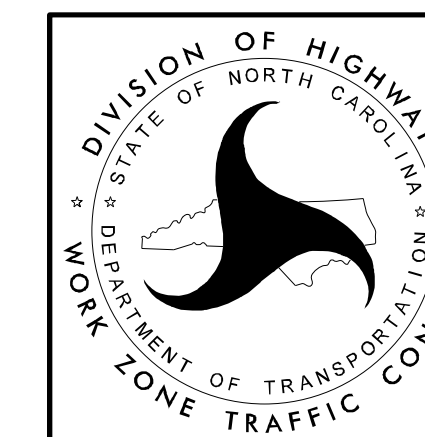
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION		<ul style="list-style-type: none"> - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. - SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS. 	<p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> </div> <div style="text-align: center;"> <p>PLACED 250' IN ADVANCE OF FLAGGER.</p> </div> </div>
		<ul style="list-style-type: none"> - 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. 	
		<ul style="list-style-type: none"> - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. - 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. 	
		<ul style="list-style-type: none"> - PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION. 	
	<p>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.</p>		

MAPS LESS THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.

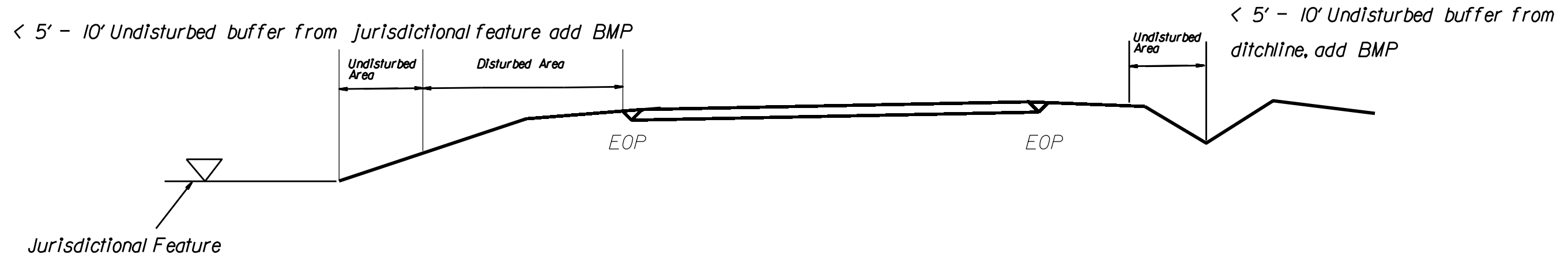
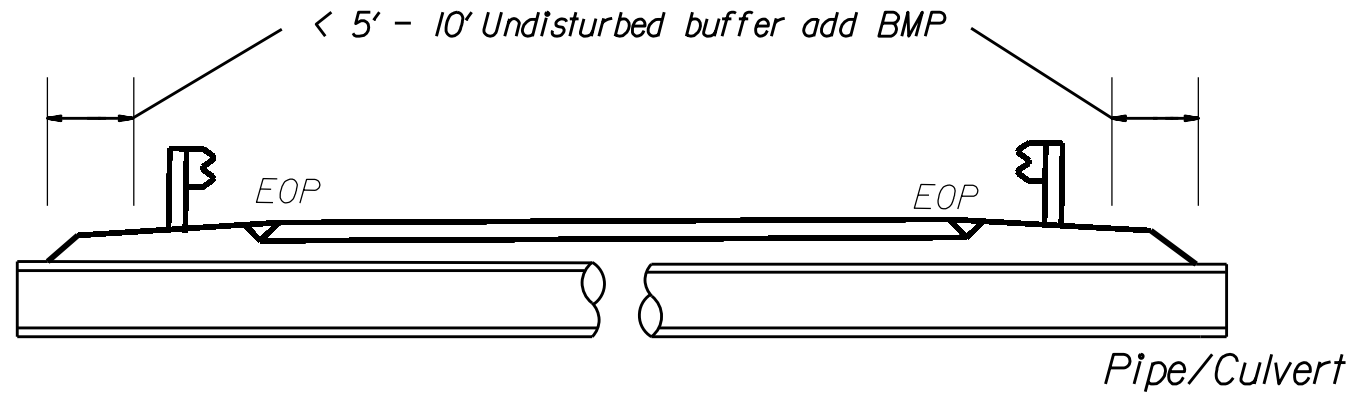


ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

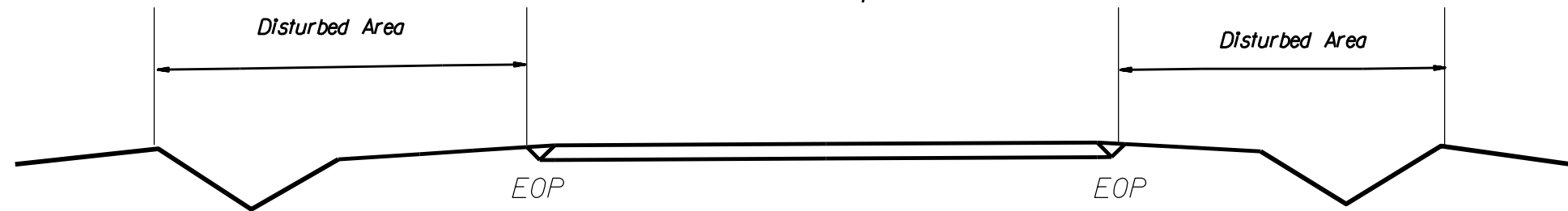
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

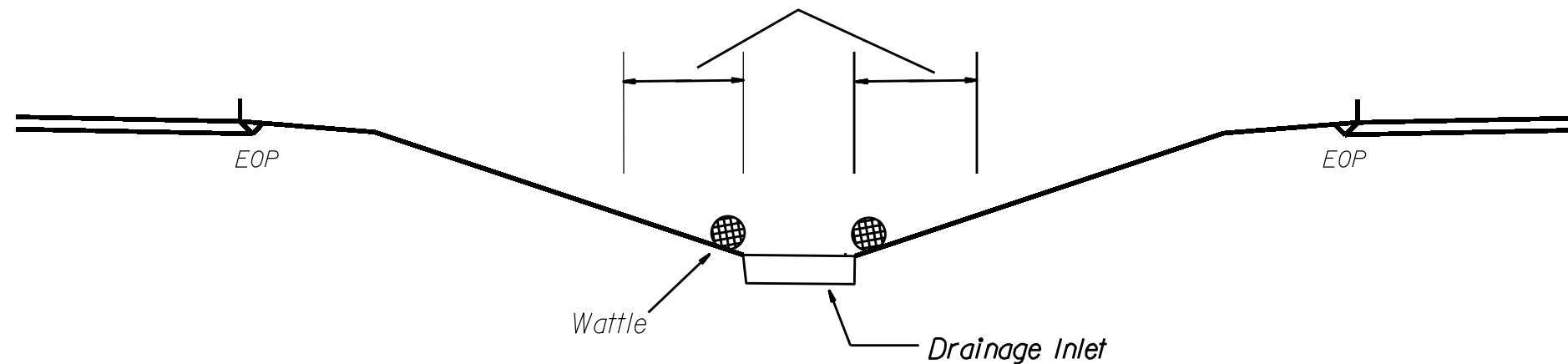
EROSION CONTROL DETAIL



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

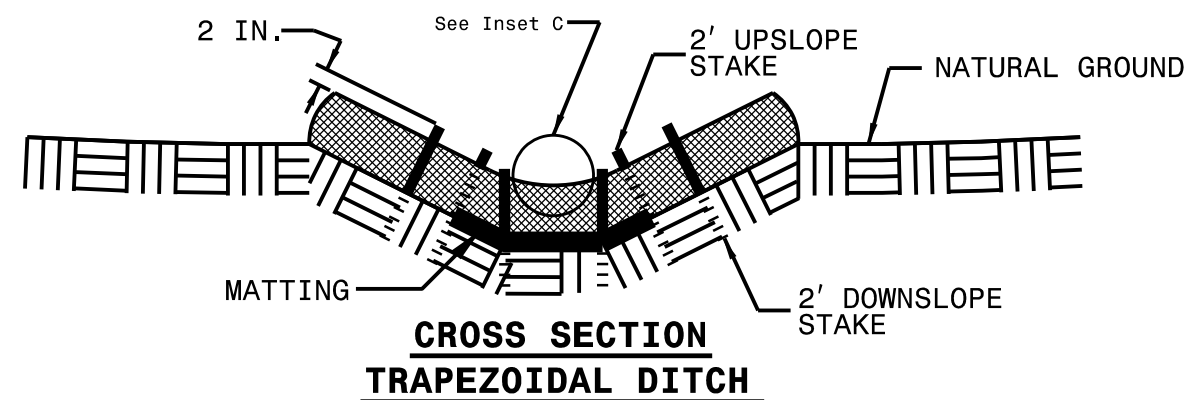
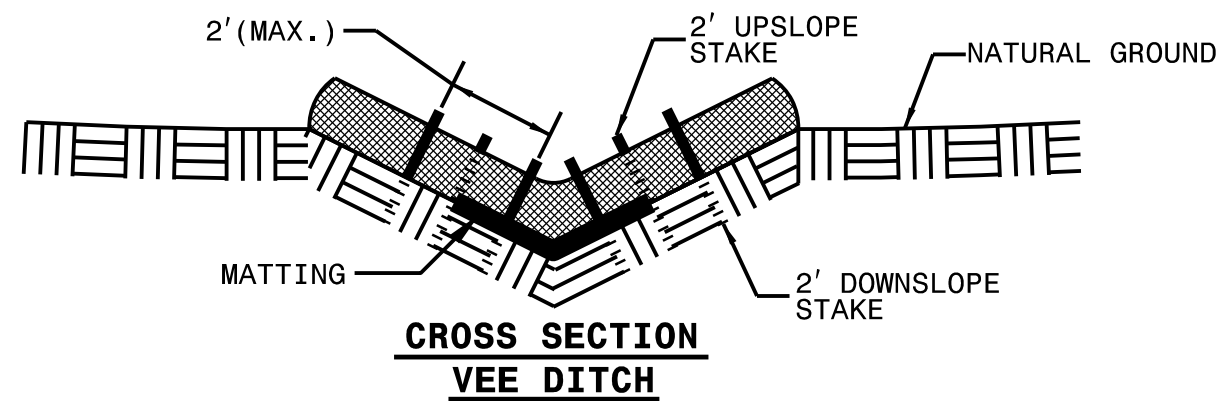
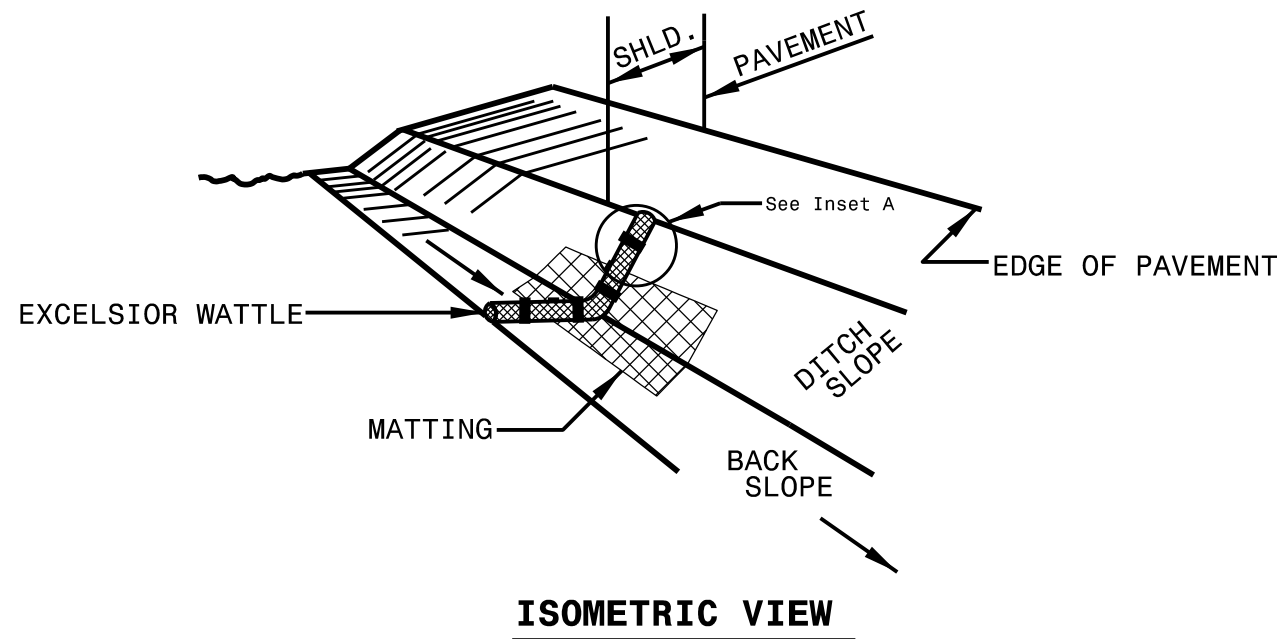


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

