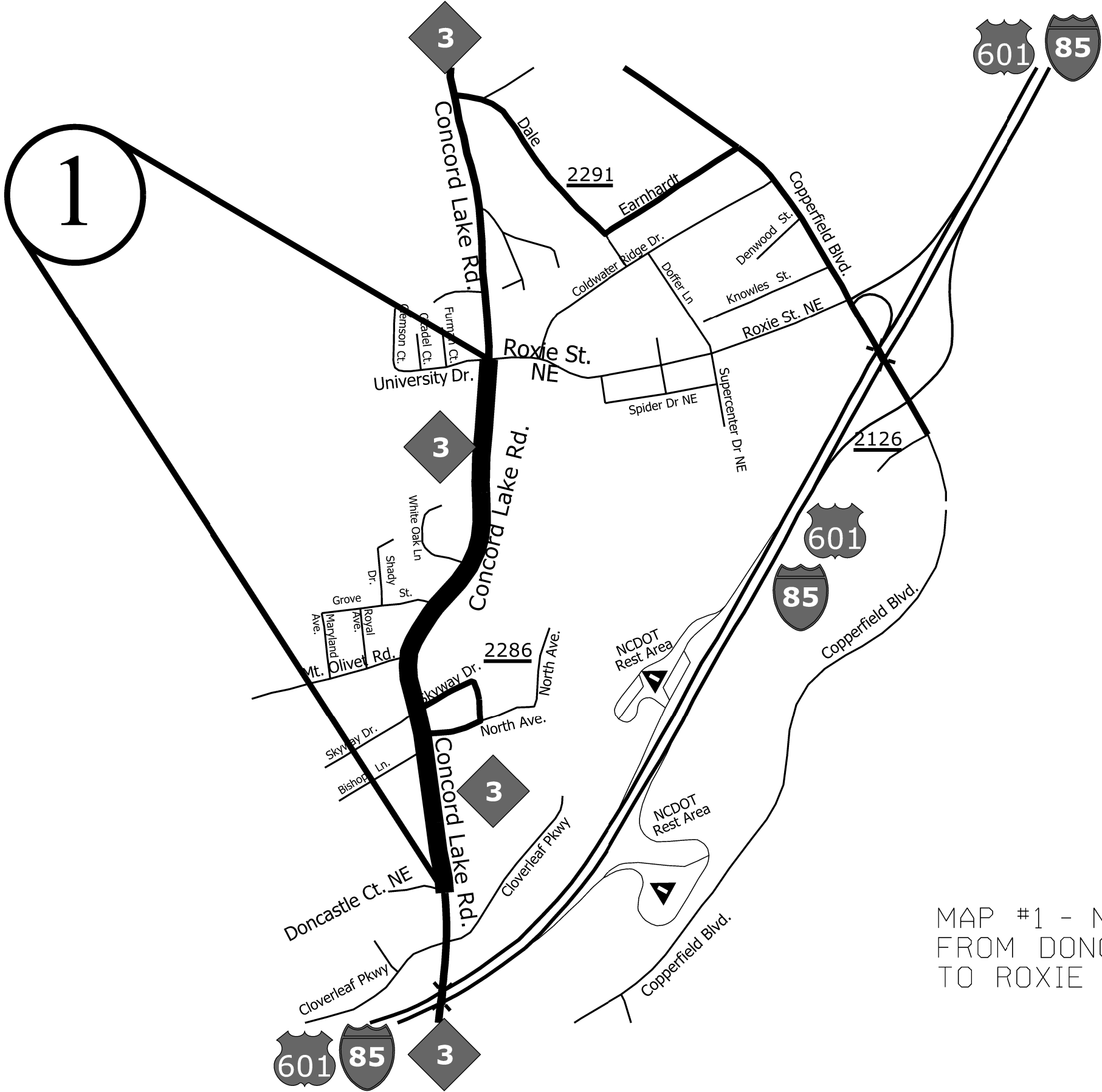


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	1	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
PREPARED BY: IBE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

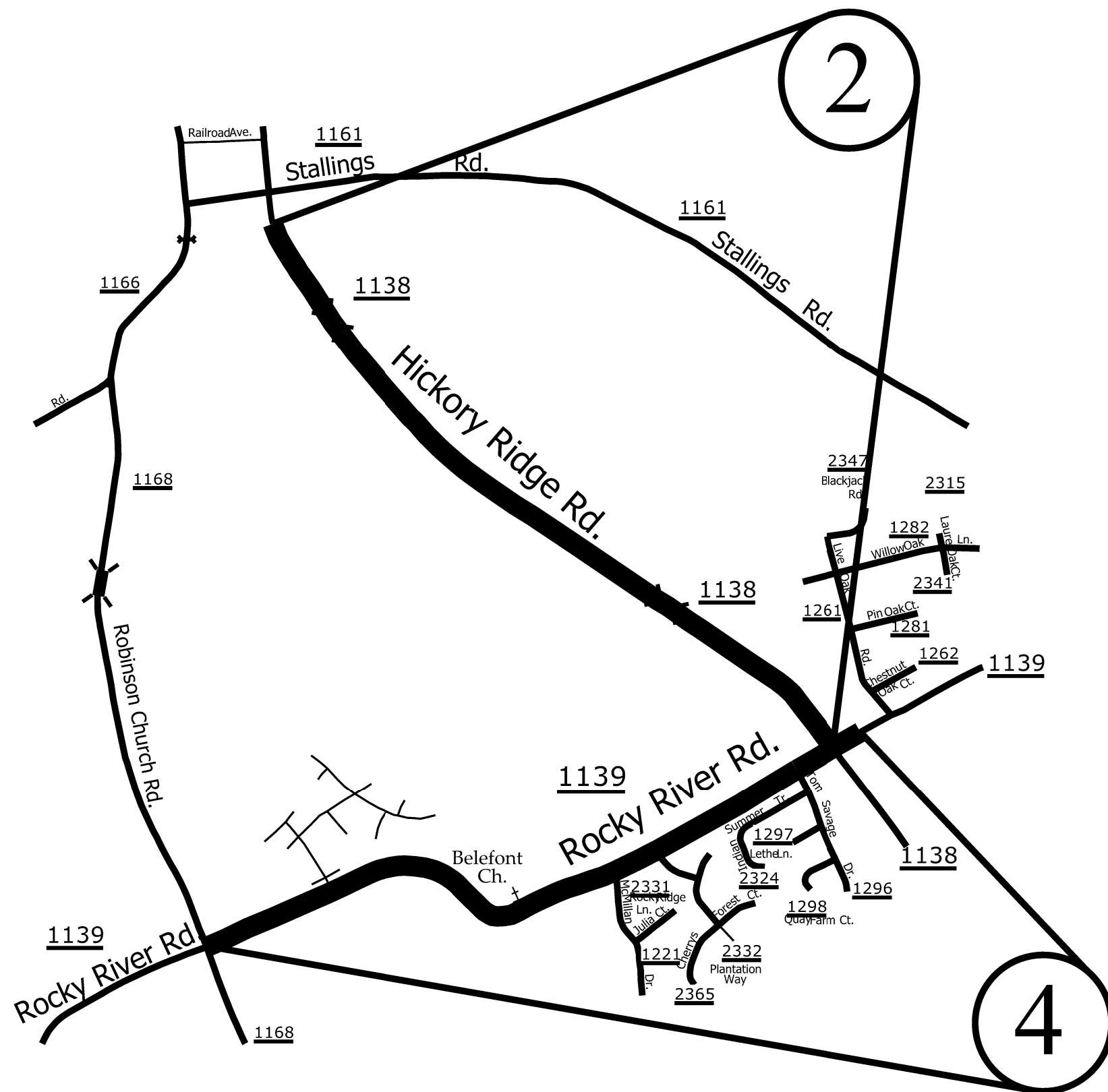
MAP #1 - NC 3 (CONCORD LAKE ROAD) 1.01 MILES FROM DONCASTLE COURT NE (MP 6.39) TO ROXIE STREET NE (MP 7.40)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	2	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA

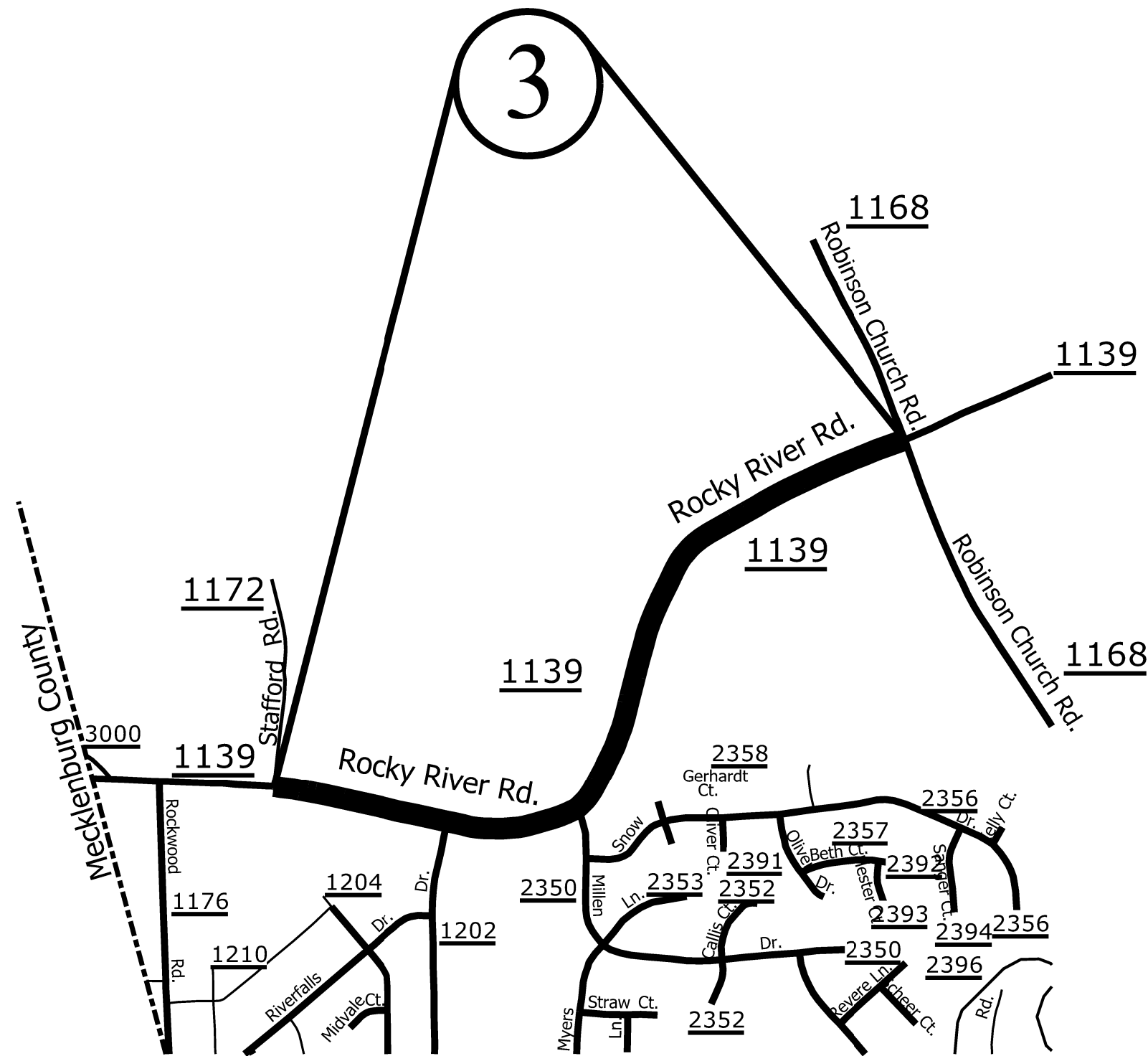
PREPARED BY: RHE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #2 - SR 1138 (HICKORY RIDGE ROAD) 1.61 MILES FROM SR 1139 (ROCKY RIVER ROAD) (MP 3.30) TO BEGIN CURB AND GUTTER BEFORE SR 1161 (STALLINGS ROAD) (MP 4.91)

MAP #4 - SR 1139 (ROCKY RIVER ROAD) 1.48 MILES FROM SR 1168 (ROBINSON CHURCH ROAD) (MP 1.54) TO SR 1138 (HICKORY RIDGE ROAD) (MP 3.02)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	3	
F.A. PROJECT NO.			



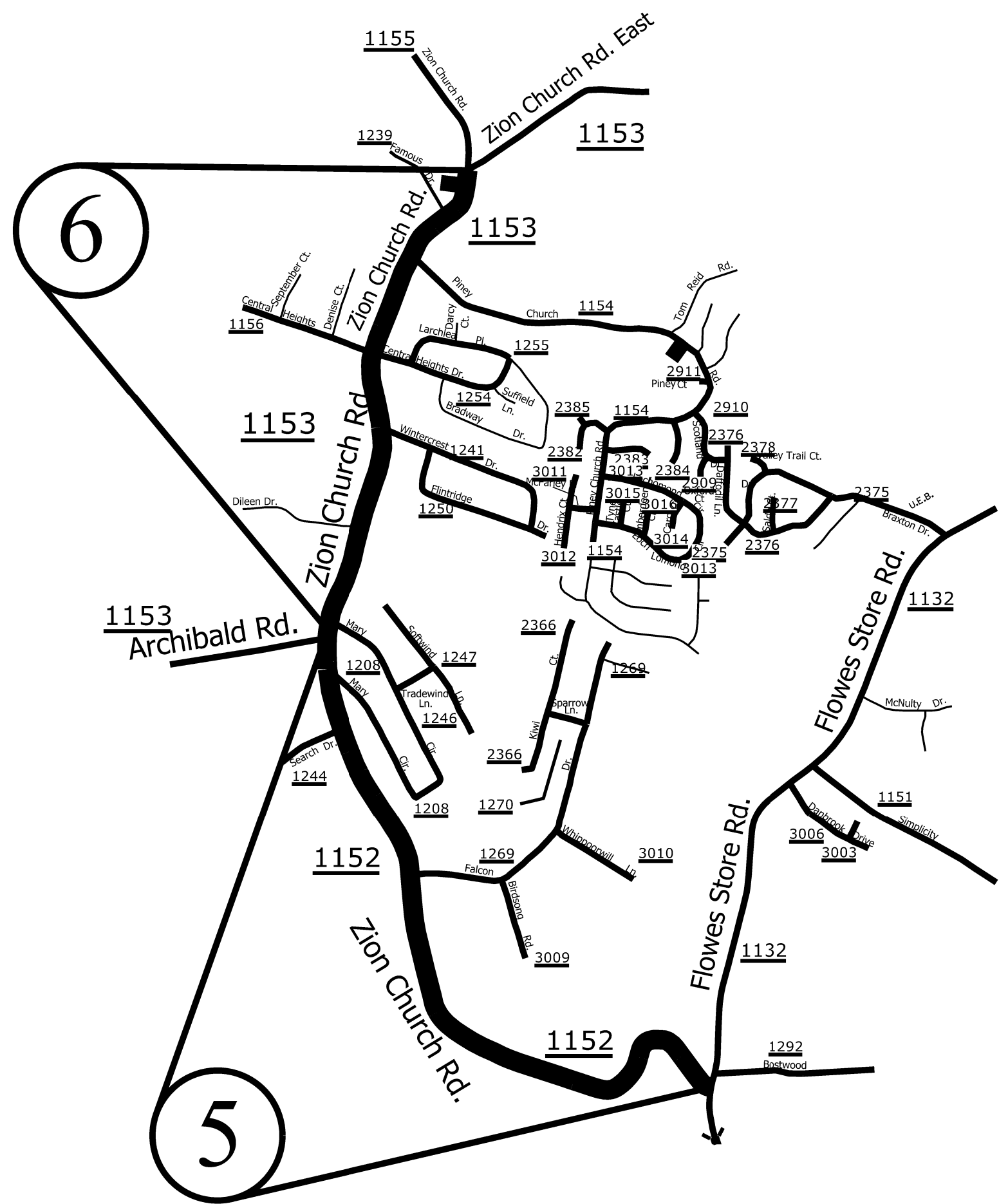
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
PREPARED BY:
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #3 - SR 1139 (ROCKY RIVER ROAD) 1.27 MILES
 FROM SR 1172 (STAFFORD ROAD) (MP 0.27)
 TO SR 1168 (ROBINSON CHURCH ROAD) (MP 1.54)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	4	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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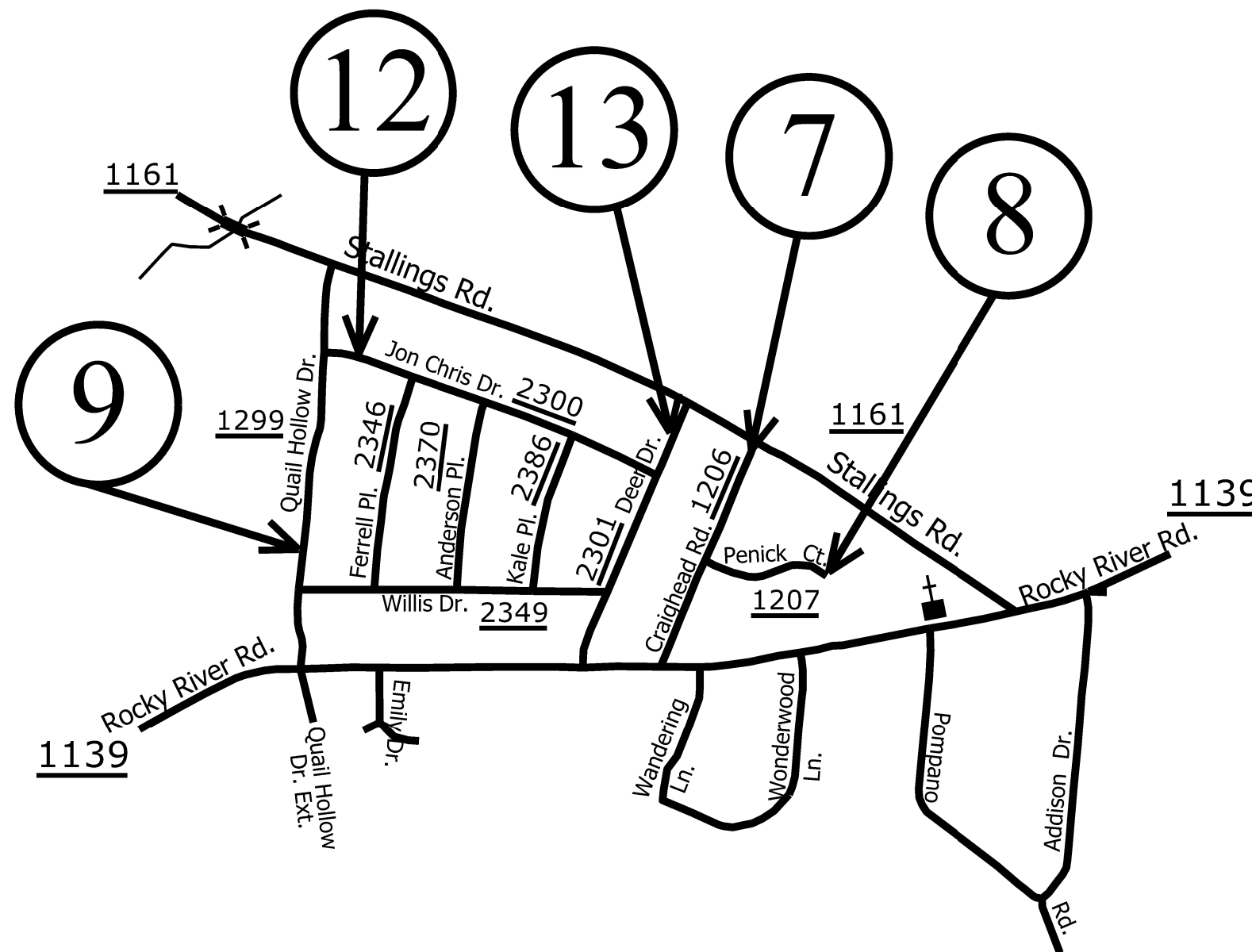
MAP #5 - SR 1152 (ZION CHURCH ROAD) 1.78 MILES FROM SR 1153 (ARCHIBALD ROAD) (MP 0.00) TO SR 1132 (FLOWES STORE ROAD) (MP 1.78)

MAP #6 - SR 1153 (ZION CHURCH ROAD) 1.22 MILES FROM SR 1153 (ZION CHURCH ROAD EAST) (MP 1.60) TO SR 1153 (ARCHIBALD ROAD) (MP 2.82)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	5	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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MAP #7 - SR 1206 (CRAIGHEAD ROAD) 0.27 MILES
 FROM SR 1161 (STALLINGS ROAD) (MP 0.00)
 TO SR 1139 (ROCKY RIVER ROAD) (MP 0.27)

MAP #8 - SR 1207 (PENICK COURT) 0.14 MILES
 FROM SR 1206 (CRAIGHEAD ROAD) (MP 0.00)
 TO CUL-DE-SAC (MP 0.14)

MAP #9 - SR 1299 (QUAIL HOLLOW DRIVE) 0.45 MILES
 FROM SR 1161 (STALLINGS ROAD) (MP 0.00)
 TO SR 1139 (ROCKY RIVER ROAD) (MP 0.45)

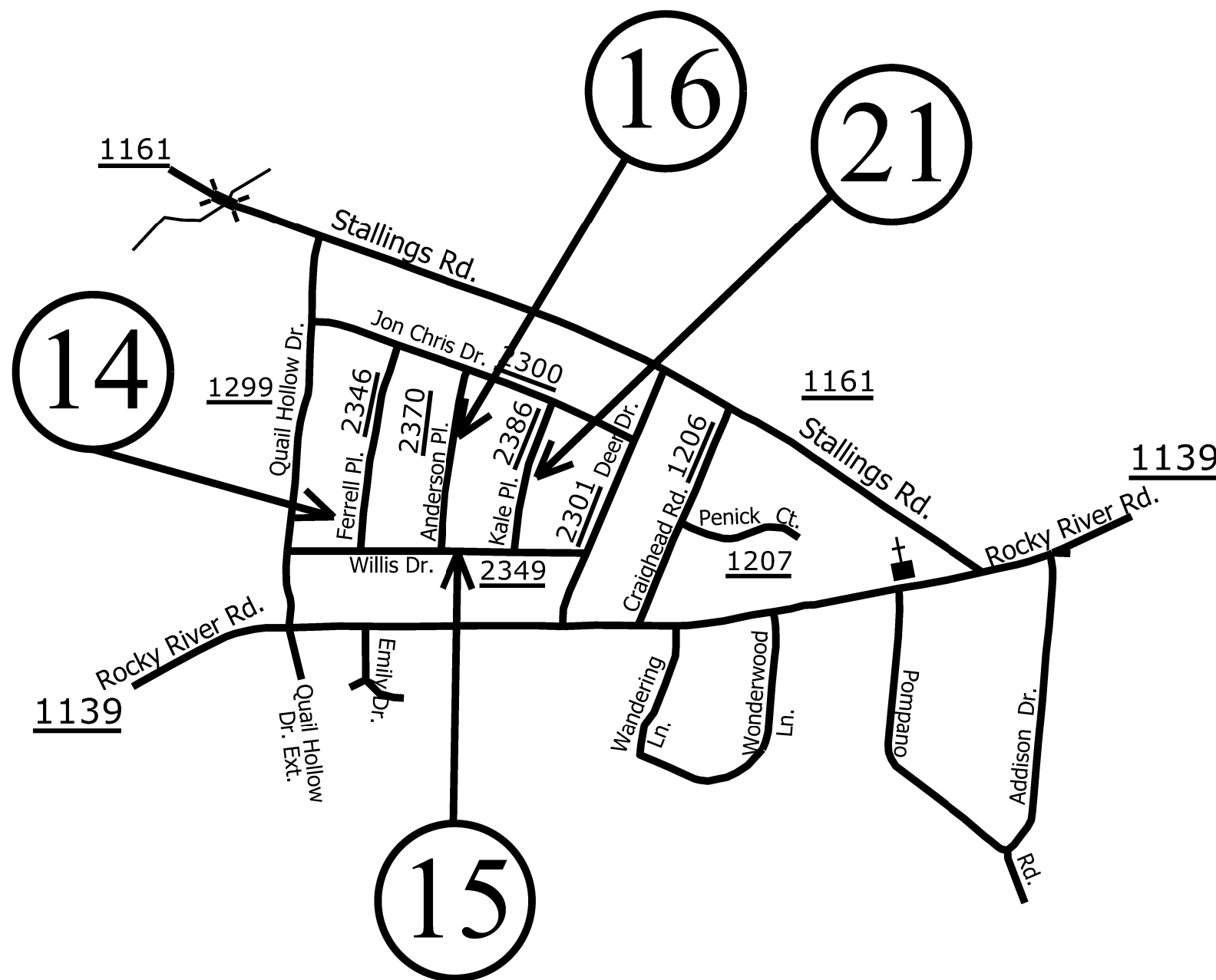
MAP #12 - SR 2300 (JON CHRIS DRIVE) 0.40 MILES
 FROM SR 1299 (QUAIL HOLLOW DRIVE) (MP 0.00)
 TO SR 2301 (DEER DRIVE) (MP 0.40)

MAP #13 - SR 2301 (DEER DRIVE) 0.31 MILES
 FROM SR 1161 (STALLINGS ROAD) (MP 0.00)
 TO SR 1139 (ROCKY RIVER ROAD) (MP 0.31)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	6	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



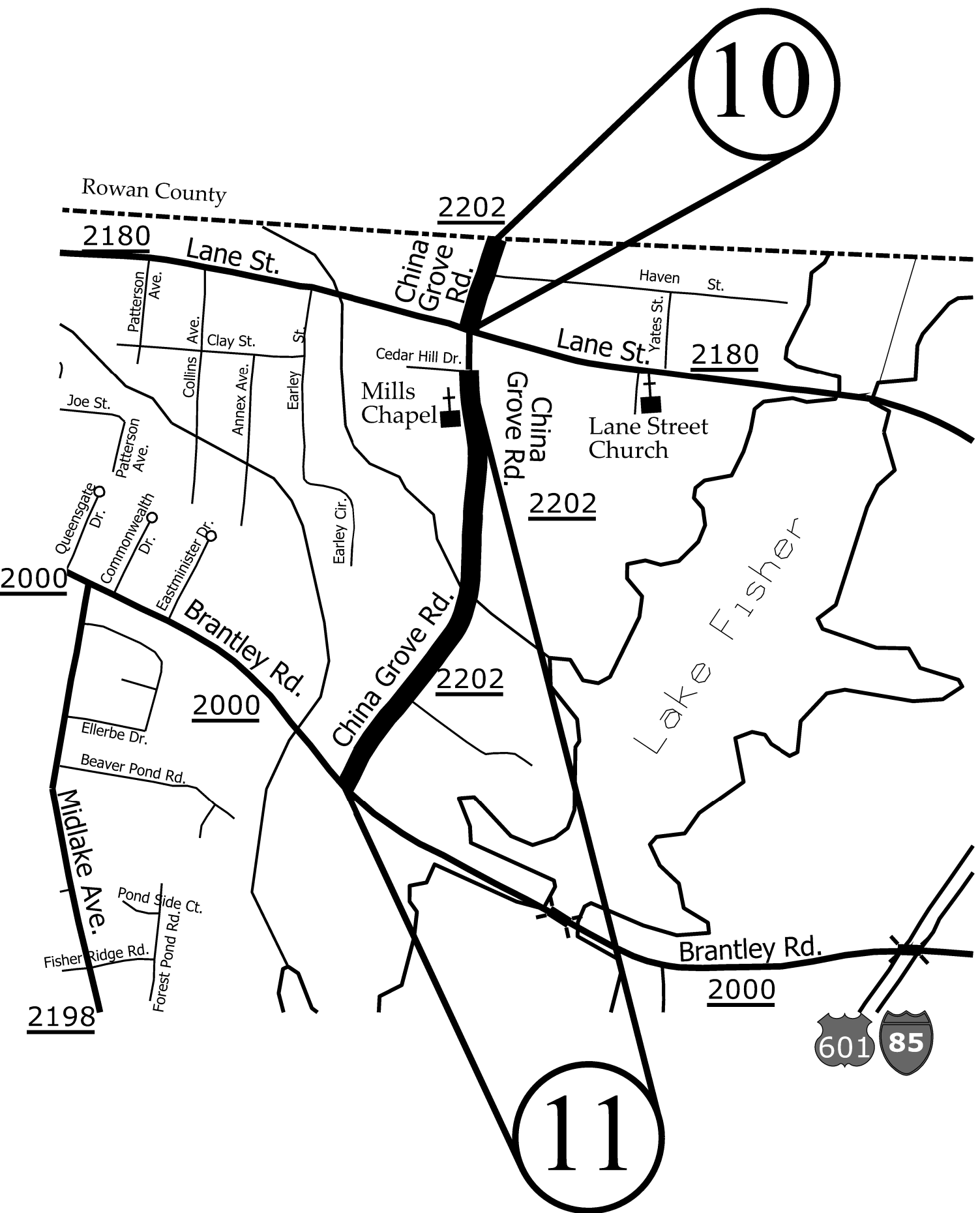
MAP #14 - SR 2346 (FERRELL PLACE) 0.24 MILES
 FROM SR 2300 (JON CHRIS DRIVE) (MP 0.00)
 TO SR 2349 (WILLIS DRIVE) (MP 0.24)

MAP #15 - SR 2349 (WILLIS DRIVE) 0.34 MILES
 FROM SR 1299 (QUAIL HOLLOW DRIVE) (MP 0.00)
 TO SR 2301 (DEER DRIVE) (MP 0.34)

MAP #16 - SR 2370 (ANDERSON PLACE) 0.21 MILES
 FROM SR 2349 (WILLIS DRIVE) (MP 0.00)
 TO SR 2300 (JON CHRIS DRIVE) (MP 0.21)

MAP #21 - SR 2386 (KALE PLACE) 0.18 MILES
 FROM SR 2349 (WILLIS DRIVE) (MP 0.00)
 TO SR 2300 (JON CHRIS DRIVE) (MP 0.18)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	7	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
PREPARED BY:
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

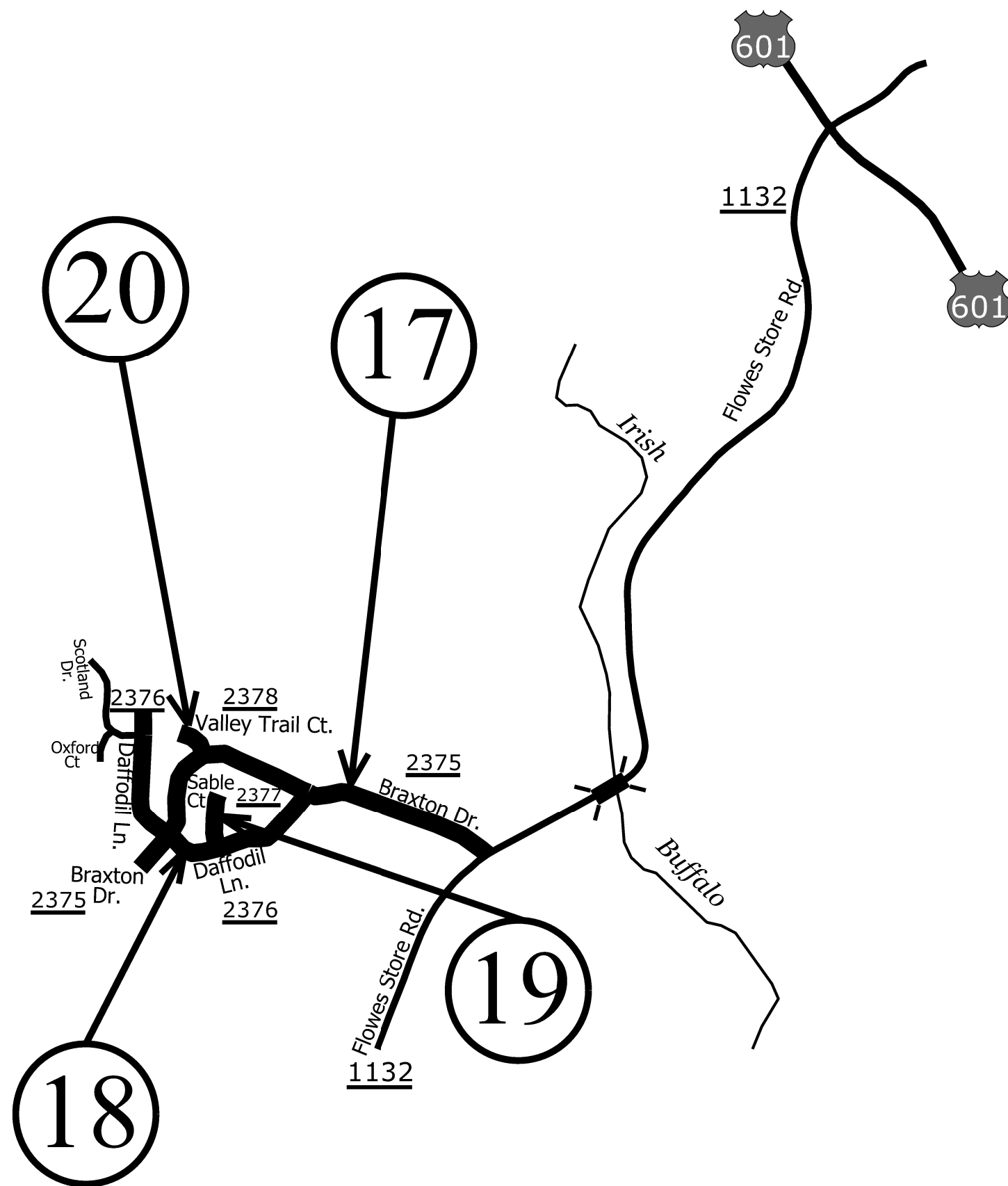
MAP #10 - SR 2202 (CHINA GROVE ROAD) 0.11 MILES
 FROM ROWAN COUNTY LINE (MP 0.00)
 TO SR 2180 (LANE STREET) (MP 0.11)

MAP #11 - SR 2202 (CHINA GROVE ROAD) 0.52 MILES
 FROM CEDAR HILL DRIVE (MP 0.21)
 TO SR 2000 (BRANTLEY ROAD) (MP 0.73)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	8	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



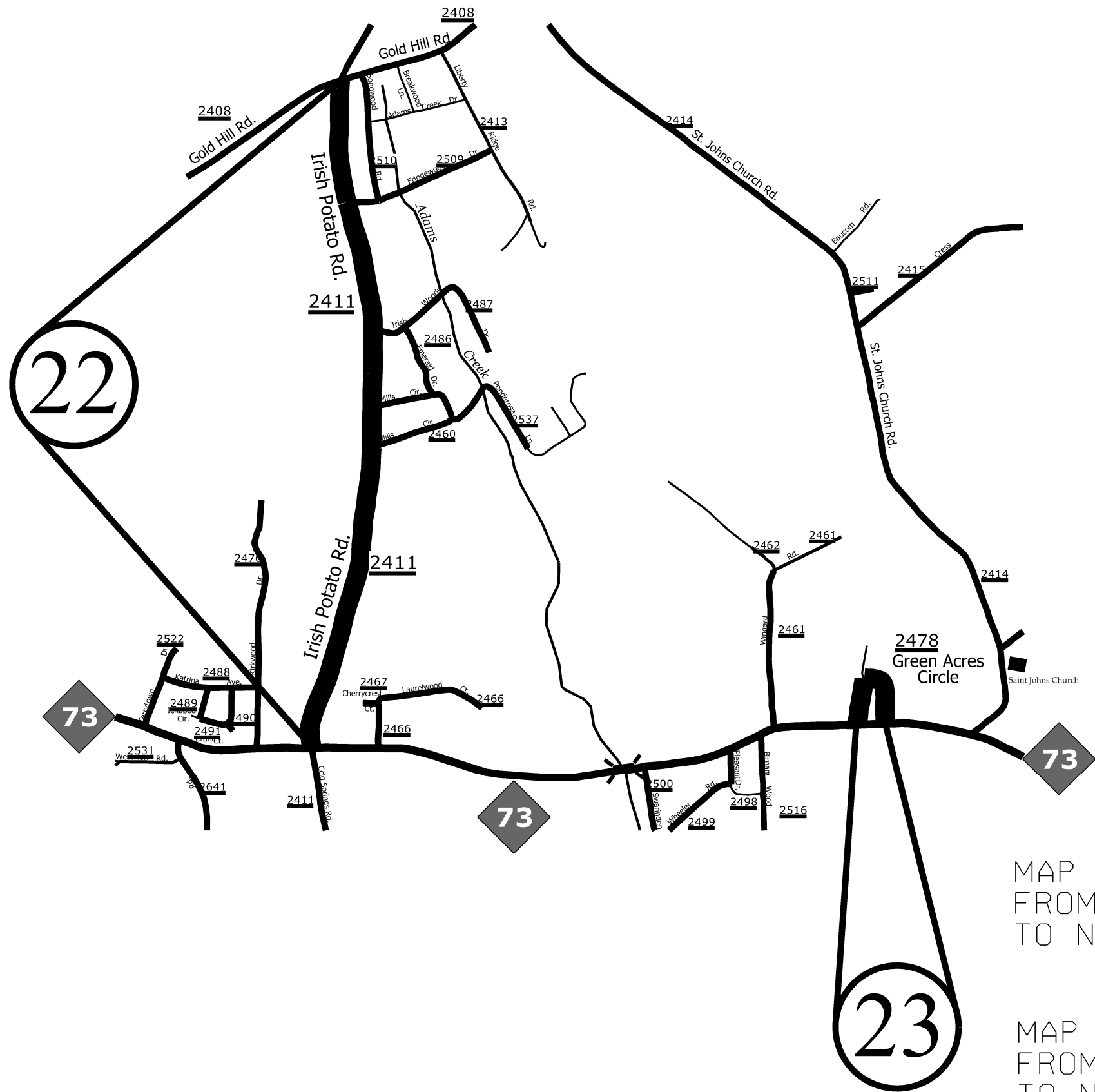
MAP #17 - SR 2375 (BRAXTON DRIVE) 0.68 MILES FROM SR 1132 (FLOWES STORE ROAD) (MP 0.00) TO DEAD END (MP 0.68)

MAP #18 - SR 2376 (DAFFODIL LANE) 0.46 MILES FROM SR 2375 (BRAXTON DRIVE) (MP 0.00) TO DEAD END (MP 0.46)

MAP #19 - SR 2377 (SABLE COURT) 0.09 MILES FROM SR 2376 (DAFFODIL LANE) (MP 0.00) TO DEAD END (MP 0.09)

MAP #20 - SR 2378 (VALLEY TRAIL COURT) 0.06 MILES FROM SR 2375 (BRAXTON DRIVE) (MP 0.00) TO DEAD END (MP 0.06)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	9	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
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MAP #22 - SR 2411 (IRISH POTATO ROAD) 2.10 MILES
 FROM SR 2408 (GOLD HILL ROAD) (MP 2.36)
 TO NC 73 (MP 4.46)

MAP #23 - SR 2478 (GREEN ACRES CIRCLE) 0.33 MILES
 FROM NC 73 (MP 0.00)
 TO NC 73 (MP 0.33)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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F.A. PROJECT NO.			

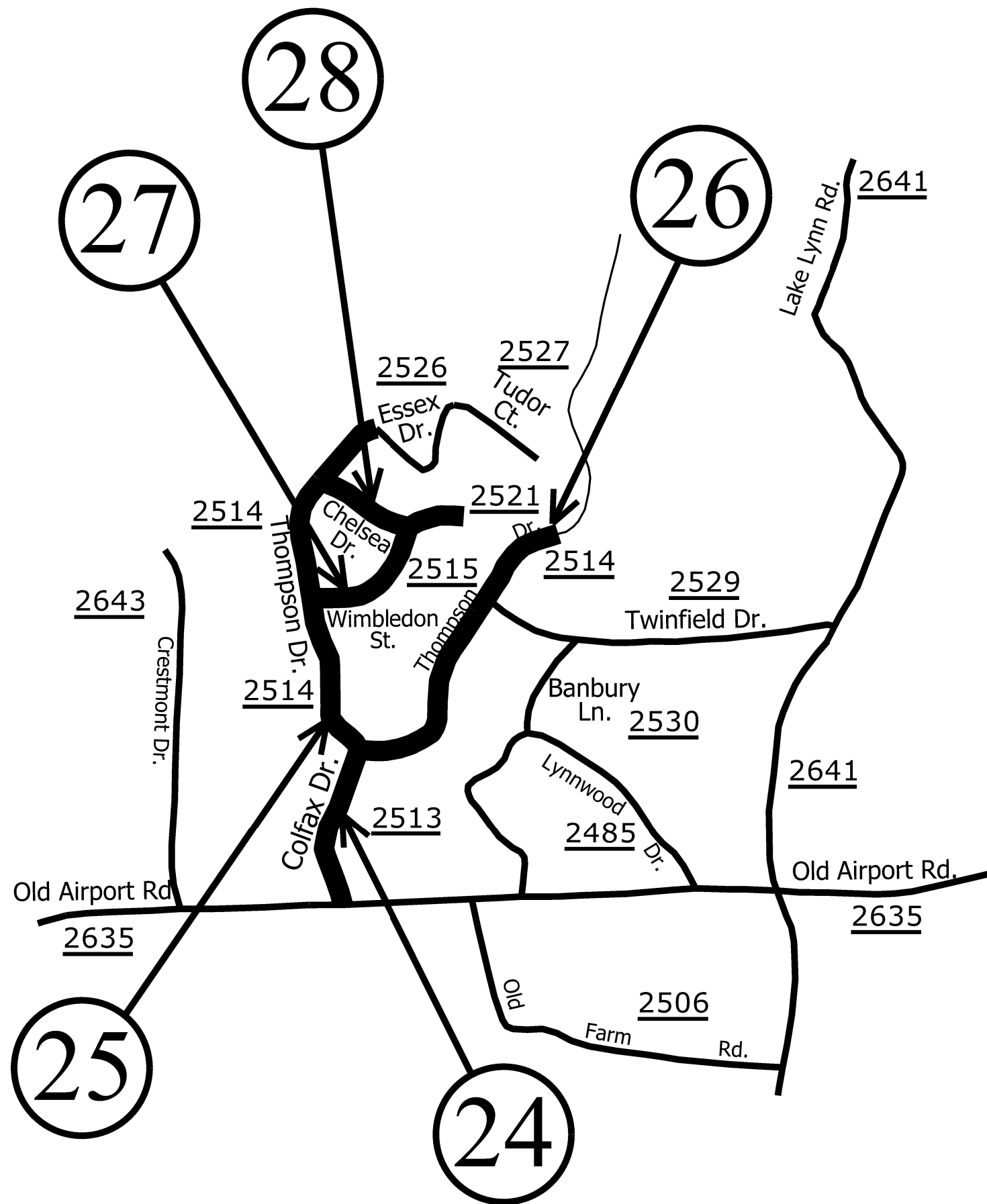


ENLARGED MUNICIPAL AND SUBURBAN AREAS

CABARRUS COUNTY

NORTH CAROLINA

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DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #24 - SR 2513 (COLFAX DRIVE) 0.19 MILES FROM SR 2635 (OLD AIRPORT ROAD) (MP 0.00) TO SR 2514 (THOMPSON DRIVE) (MP 0.19)

MAP #25 - SR 2514 (THOMPSON DRIVE) 0.43 MILES FROM SR 2526 (ESSEX DRIVE) (MP 0.00) TO SR 2513 (COLFAX DRIVE) (MP 0.43)

MAP #26 - SR 2514 (THOMPSON DRIVE) 0.40 MILES FROM SR 2513 (COLFAX DRIVE) (MP 0.43) TO END OF MAINTENANCE (MP 0.83)

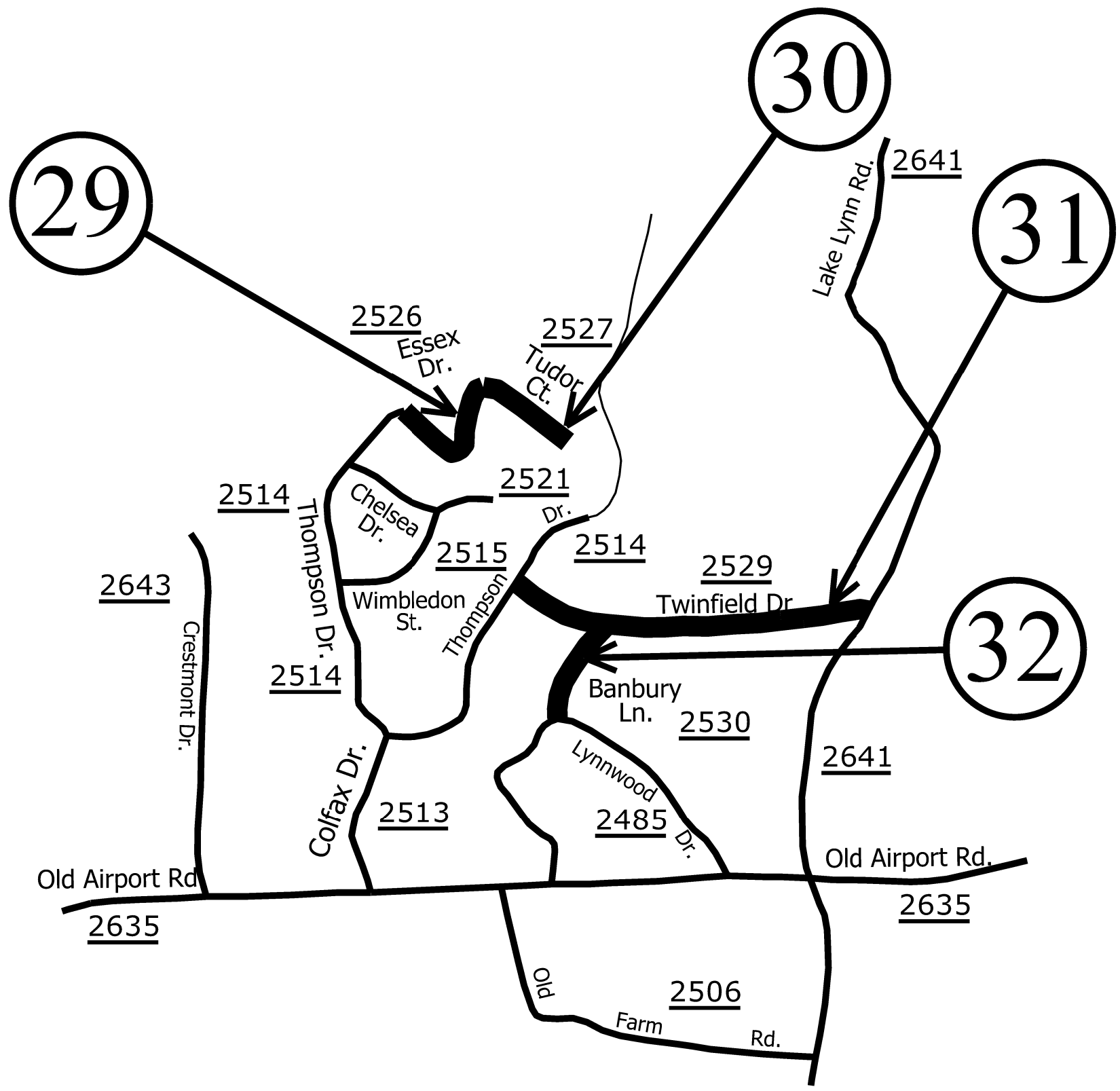
MAP #27 - SR 2515 (WILMBLEDON STREET) 0.16 MILES FROM SR 2514 (THOMPSON DRIVE) (MP 0.00) TO SR 2521 (CHELSEA DRIVE) (MP 0.16)

MAP #28 - SR 2521 (CHELSEA DRIVE) 0.19 MILES FROM SR 2514 (THOMPSON DRIVE) (MP 0.00) TO DEAD END (MP 0.19)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	11	
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
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MAP #29 - SR 2526 (ESSEX DRIVE) 0.17 MILES FROM SR 2514 (THOMPSON DRIVE) (MP 0.00) TO SR 2527 (TUDOR COURT) (MP 0.17)

MAP #30 - SR 2527 (TUDOR COURT) 0.10 MILES FROM SR 2526 (ESSEX DRIVE) (MP 0.00) TO DEAD END (MP 0.10)

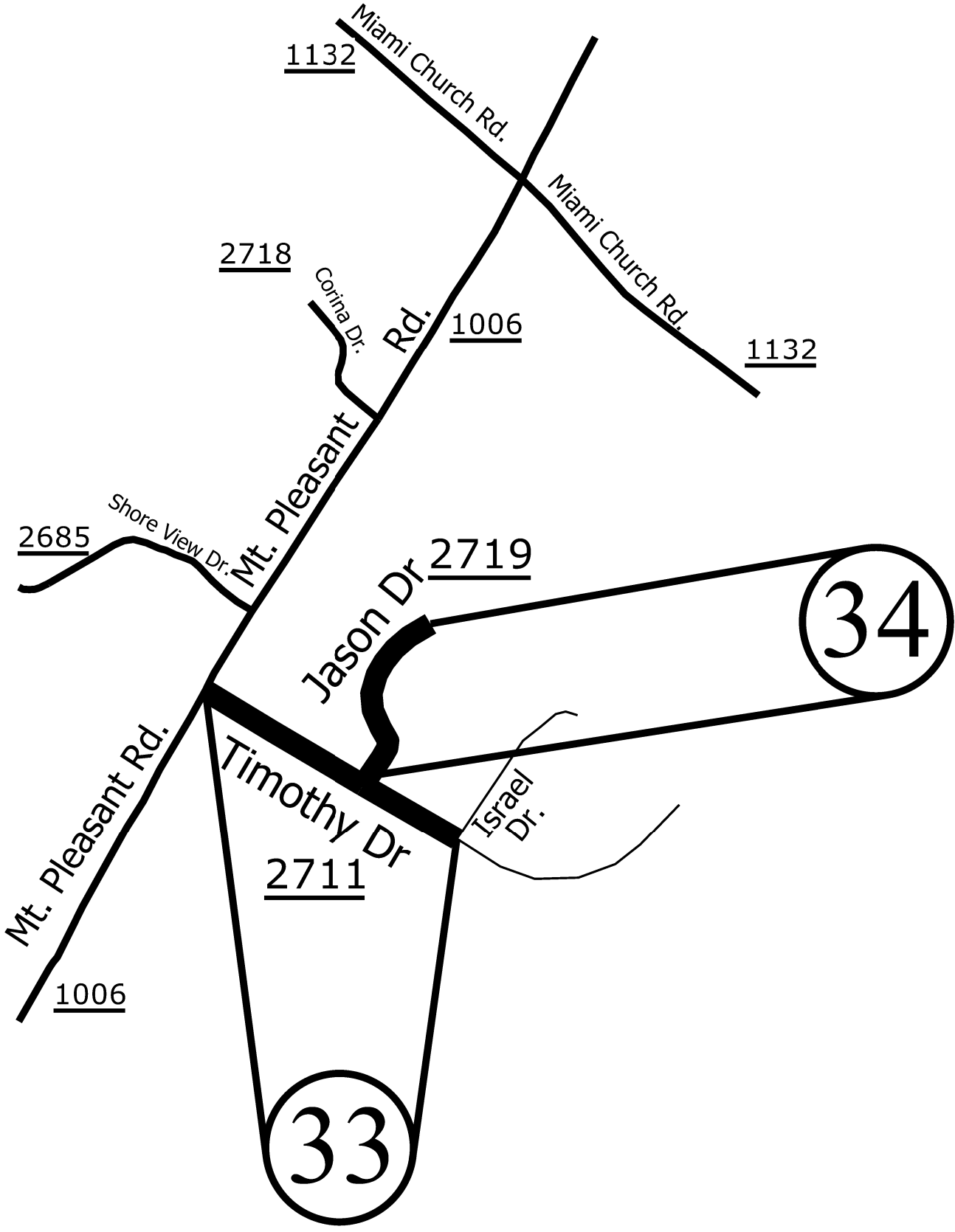
MAP #31 - SR 2529 (TWINFIELD DRIVE) 0.43 MILES FROM SR 2514 (THOMPSON DRIVE) (MP 0.00) TO SR 2641 (LAKE LYNN ROAD) (MP 0.43)

MAP #32 - SR 2530 (BANBURY LANE) 0.13 MILES FROM SR 2529 (TWINFIELD DRIVE) (MP 0.00) TO SR 2485 (LYNNWOOD DRIVE) (MP 0.13)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	12	
F.A. PROJECT NO.			



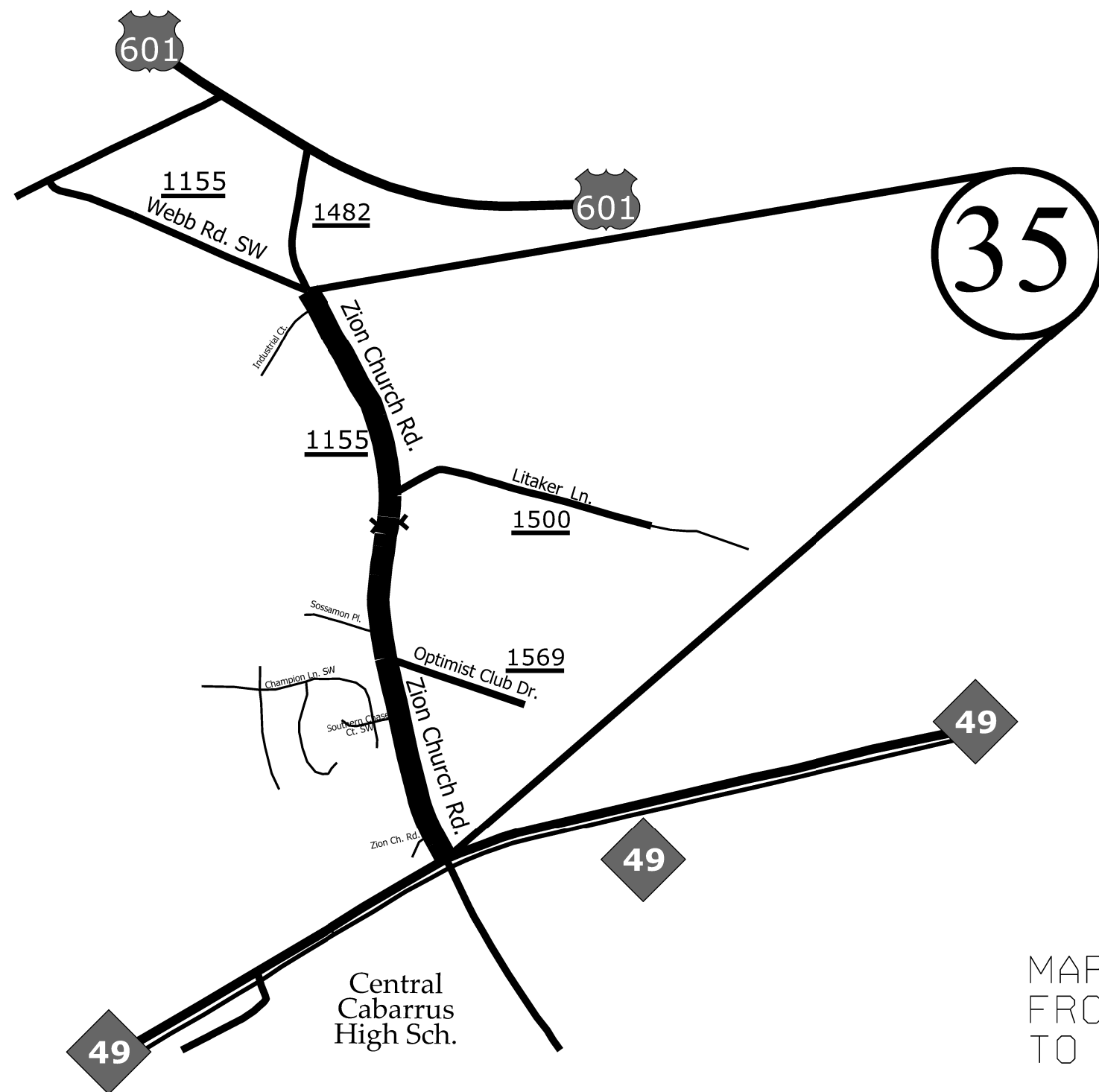
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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MAP #33 - SR 2711 (TIMOTHY DRIVE) 0.33 MILES FROM SR 1006 (MT. PLEASANT ROAD) (MP 0.00) TO ISRAEL DRIVE (MP 0.33)

MAP #34 - SR 2719 (JASON DRIVE) 0.24 MILES FROM SR 2711 (TIMOTHY DRIVE) (MP 0.00) TO DEAD END (MP 0.24)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	13	
F.A. PROJECT NO.			



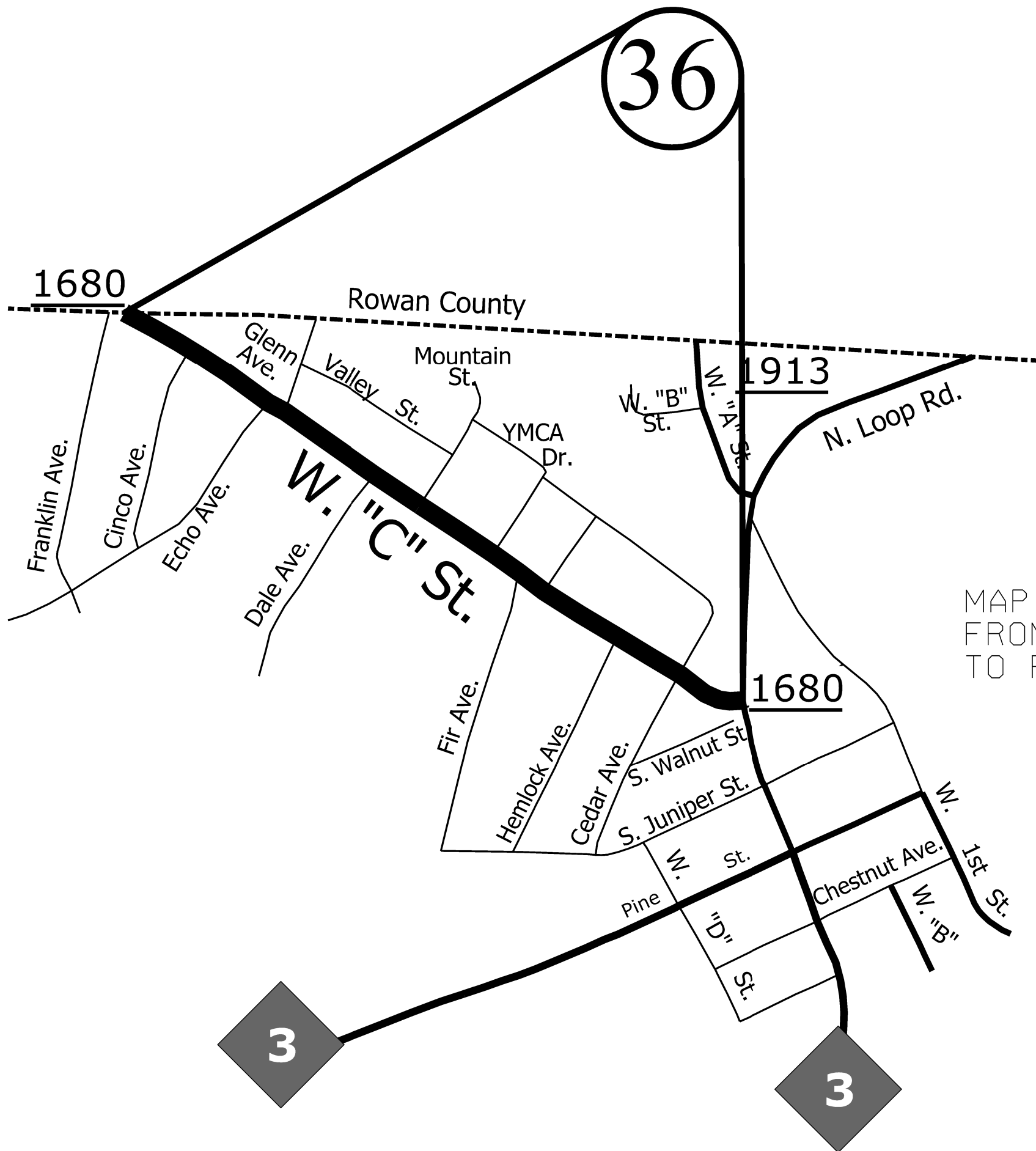
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #35 - SR 1155 (ZION CHURCH ROAD) 0.84 MILES
 FROM SR 1155 (WEBB ROAD SW) (MP 0.41)
 TO NC 49 (MP 1.25)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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F.A. PROJECT NO.			

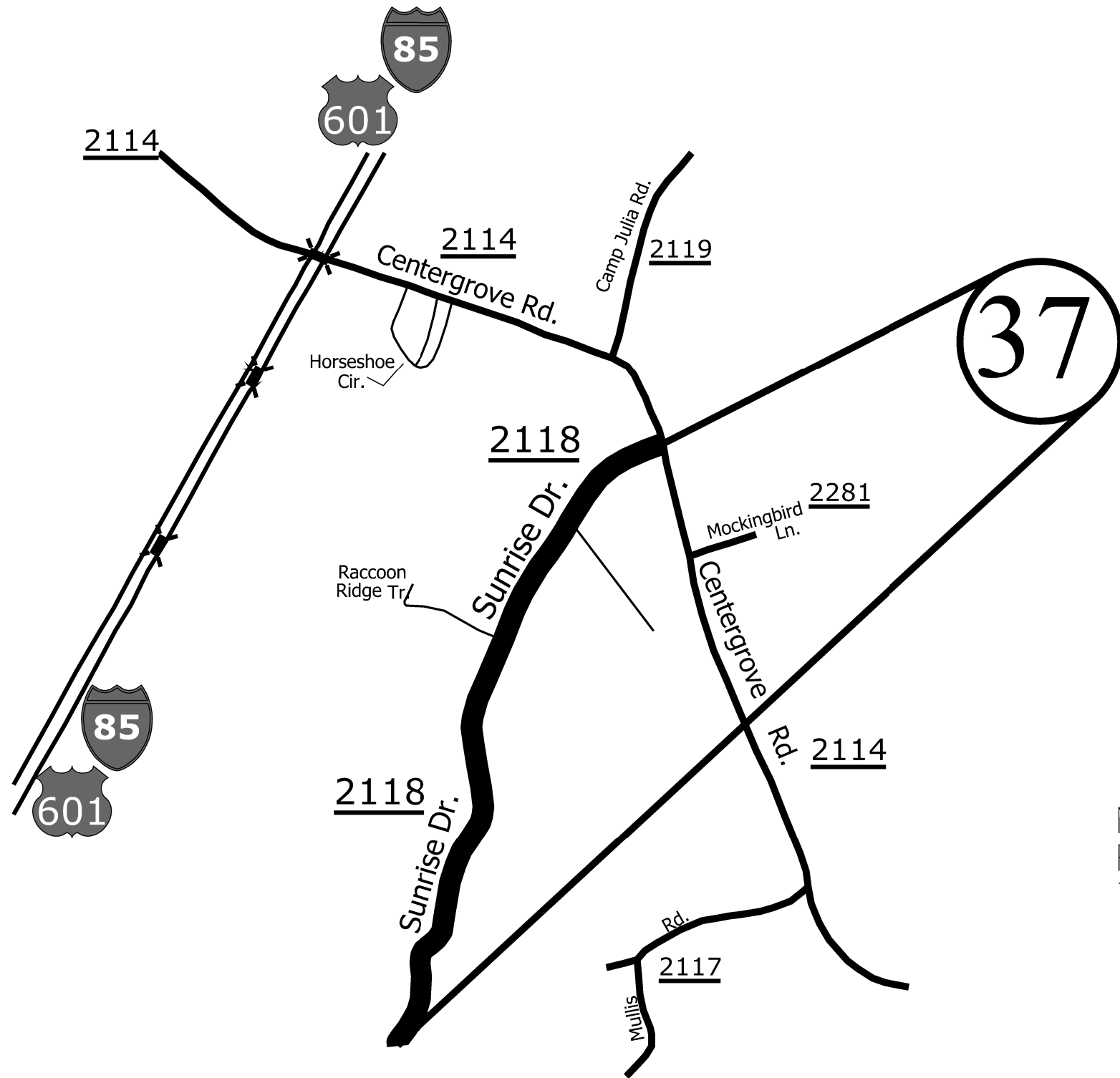


ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
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 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #36 - SR 1680 (WEST "C" STREET) 0.63 MILES
 FROM N. LOOP ROAD (MP 0.00)
 TO ROWAN COUNTY LINE (MP 0.63)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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F.A. PROJECT NO.			



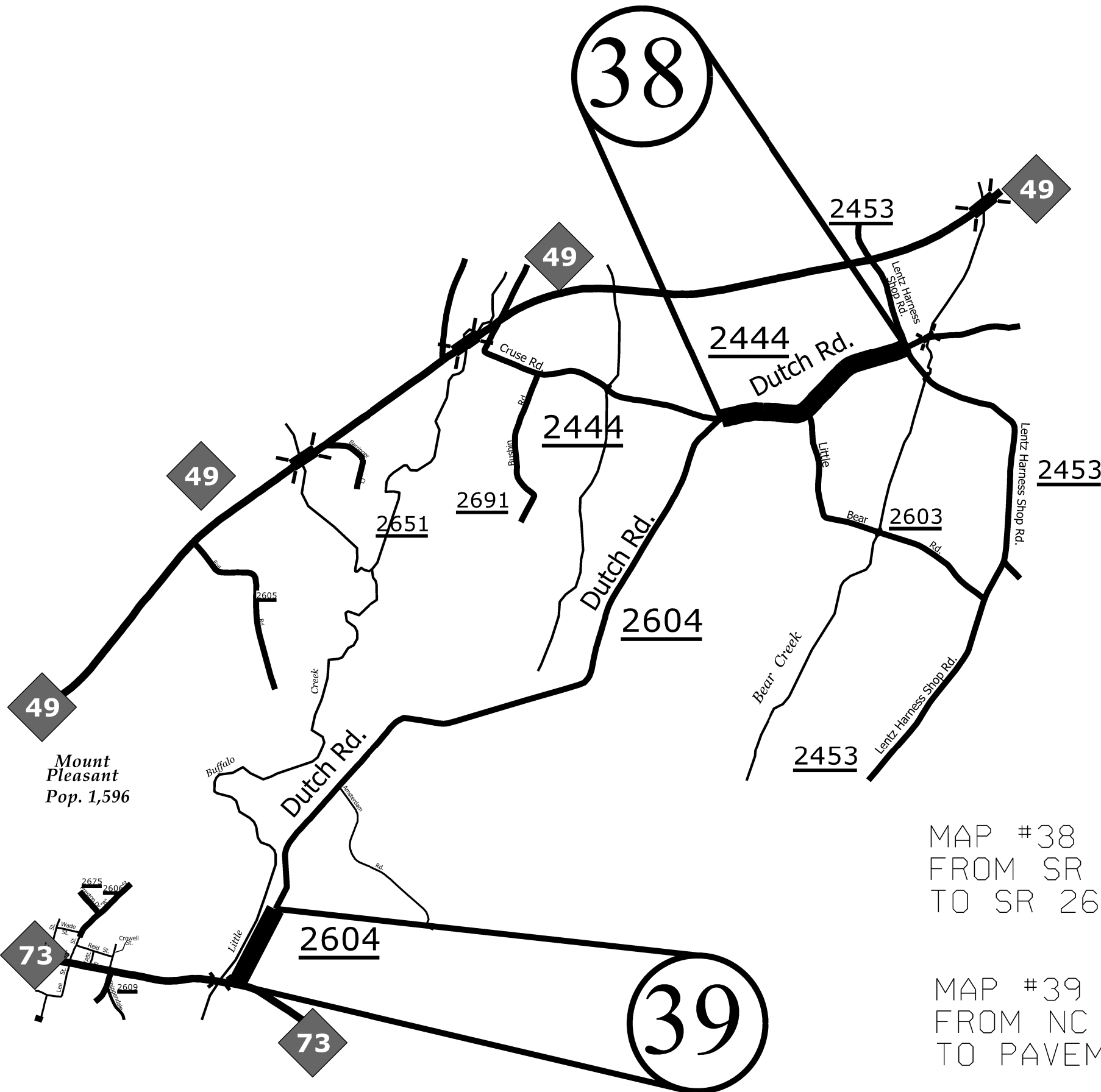
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
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 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #37 - SR 2118 (SUNRISE DRIVE) 0.89 MILES
 FROM SR 2114 (CENTERGROVE ROAD) (MP 0.00)
 TO DEAD END (MP 0.89)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	16	
F.A. PROJECT NO.			



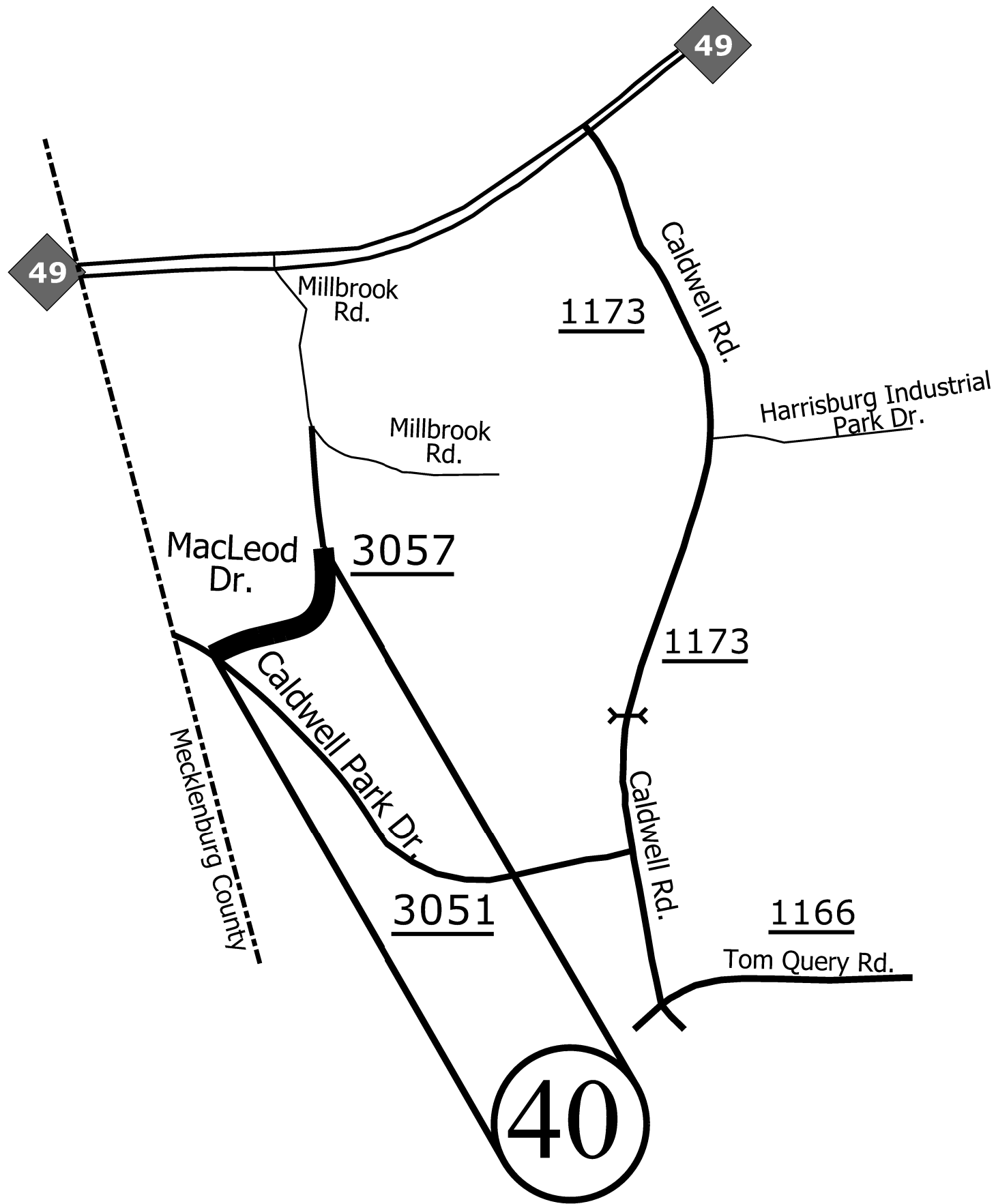
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
PREPARED BY: DHE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #38 - SR 2444 (DUTCH ROAD) 0.86 MILES
 FROM SR 2453 (LENTZ HARNESS SHOP ROAD) (MP 7.65)
 TO SR 2604 (DUTCH ROAD) (MP 6.79)

MAP #39 - SR 2604 (DUTCH ROAD) 0.28 MILES
 FROM NC 73 (MP 3.30)
 TO PAVEMENT JOINT AT MAINTENANCE GATE (MP 3.02)

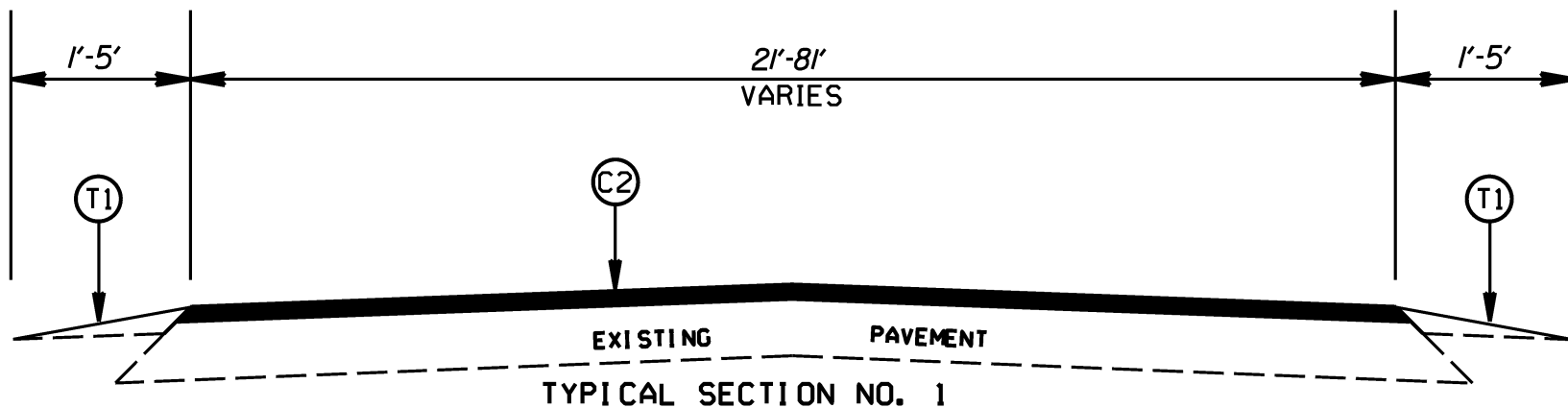
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
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F.A. PROJECT NO.			



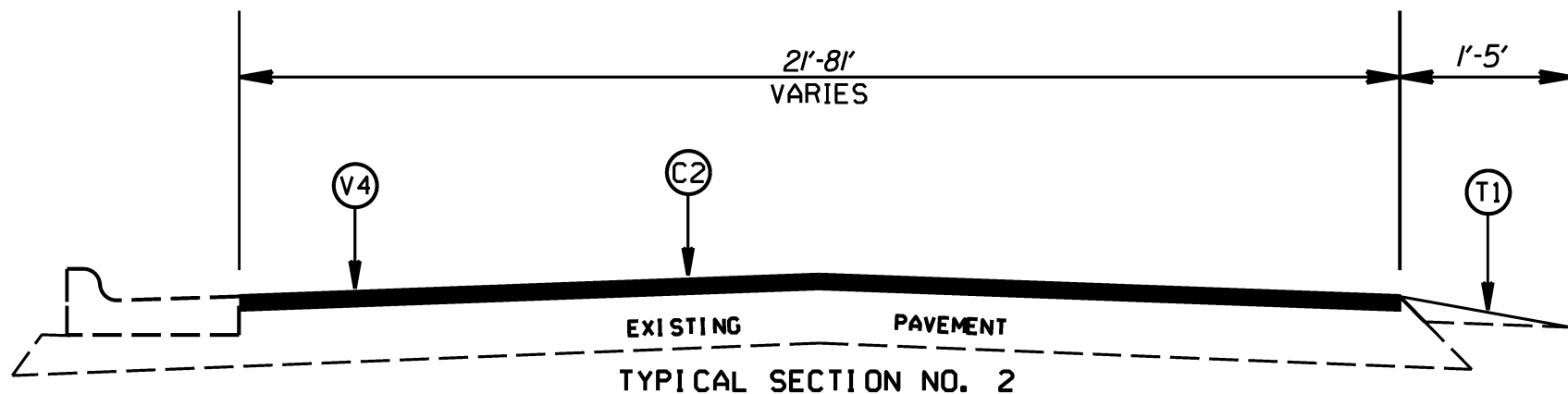
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP #40 - SR 3057 (MACLEOD DRIVE) 0.13 MILES
 FROM SR 3051 (CALDWELL PARK DRIVE) (MP 0.00)
 TO BEGIN CURB AND GUTTER (MP 0.13)

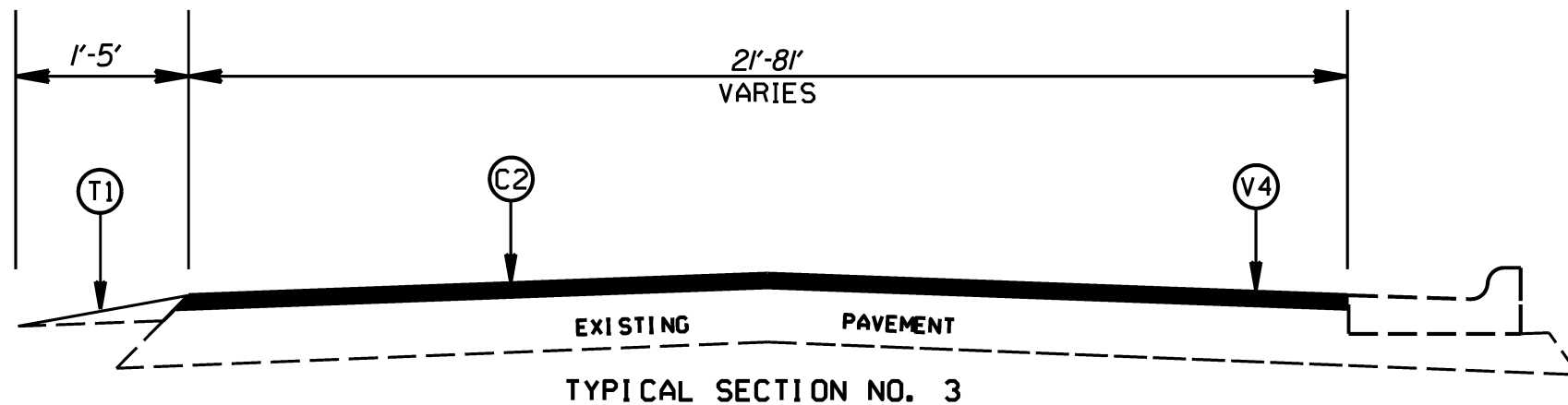
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	18	
F.A. PROJECT NO.			



- MAP 1 - NC 3 (CONCORD LAKE ROAD)
- MAP 2 - SR 1138 (HICKORY RIDGE ROAD)
- MAP 3 - SR 1139 (ROCKY RIVER ROAD)
- MAP 4 - SR 1139 (ROCKY RIVER ROAD)
- MAP 10 - SR 2202 (CHINA GROVE ROAD)
- MAP 22 - SR 2411 (IRISH POTATO ROAD)
- MAP 35 - SR 1155 (ZION CHURCH ROAD) - OVER PIPE CULVERT ONLY



- MAP 1 - NC 3 (CONCORD LAKE ROAD)
- MAP 2 - SR 1138 (HICKORY RIDGE ROAD)
- MAP 3 - SR 1139 (ROCKY RIVER ROAD)



- MAP 1 - NC 3 (CONCORD LAKE ROAD)
- MAP 2 - SR 1138 (HICKORY RIDGE ROAD)

PAVEMENT SCHEDULE

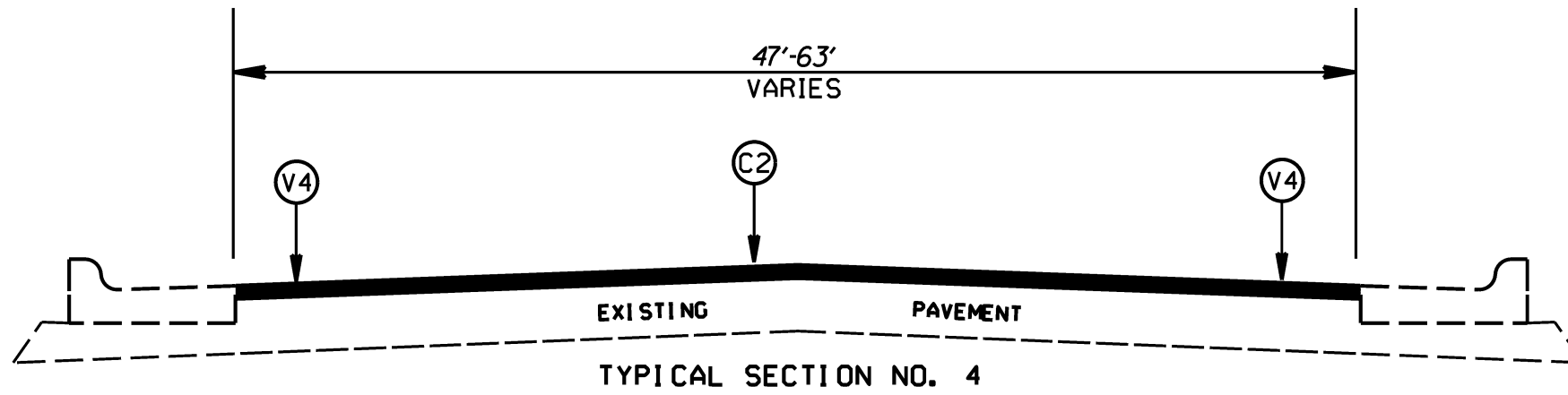
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

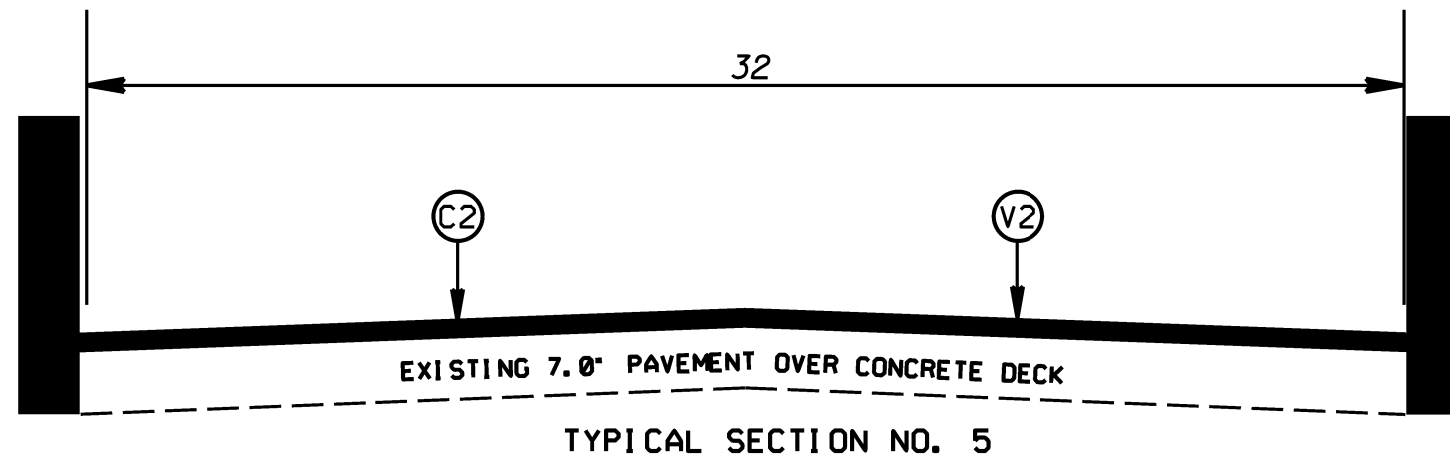
CABARRUS COUNTY
RESURFACING SPRING 2022

SCALE	NA		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			

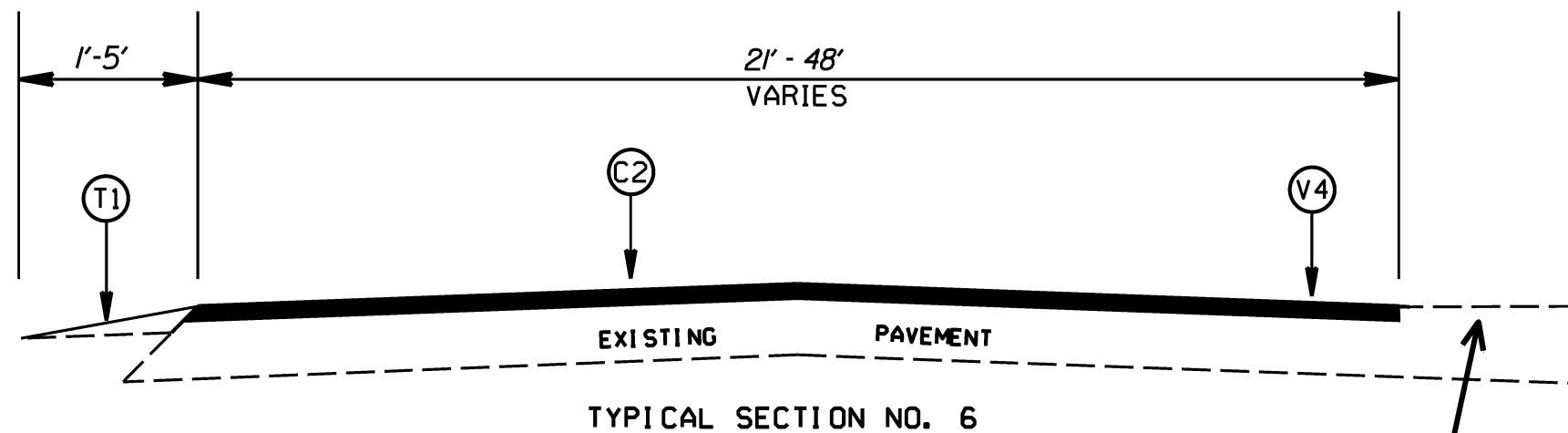
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	19	
F.A. PROJECT NO.			



MAP 1 - NC 3 (CONCORD LAKE ROAD)
MAP 3 - SR 1139 (ROCKY RIVER ROAD)



MAP 2 - SR 1138 (HICKORY RIDGE ROAD)



MAP 2 - SR 1138 (HICKORY RIDGE ROAD)
MAP 3 - SR 1139 (ROCKY RIVER ROAD)
MAP 4 - SR 1139 (ROCKY RIVER ROAD)

PAVED / CONCRETE ENTRANCES
AS DIRECTED BY ENGINEER

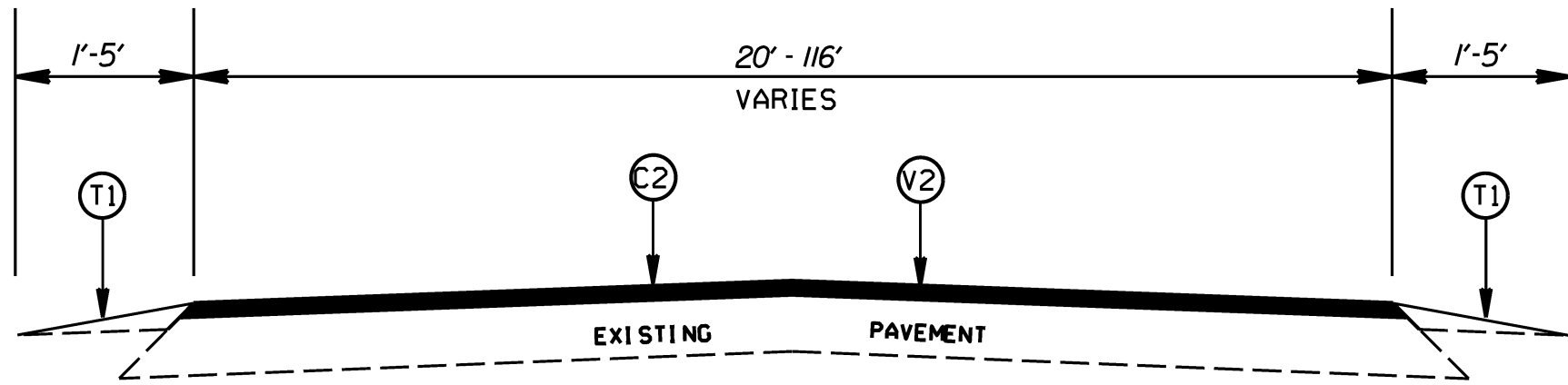
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY
RESURFACING SPRING 2022

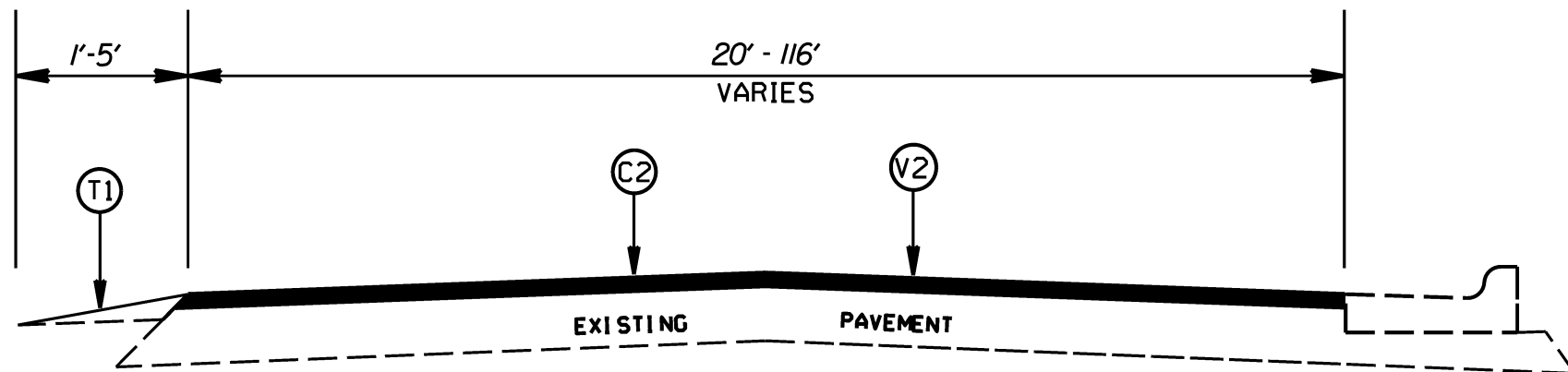
SCALE	DATE	DWG. BY	DESIGN BY	APPROVED	REVISIONS
-NA-	10/21	JWH	JWH		





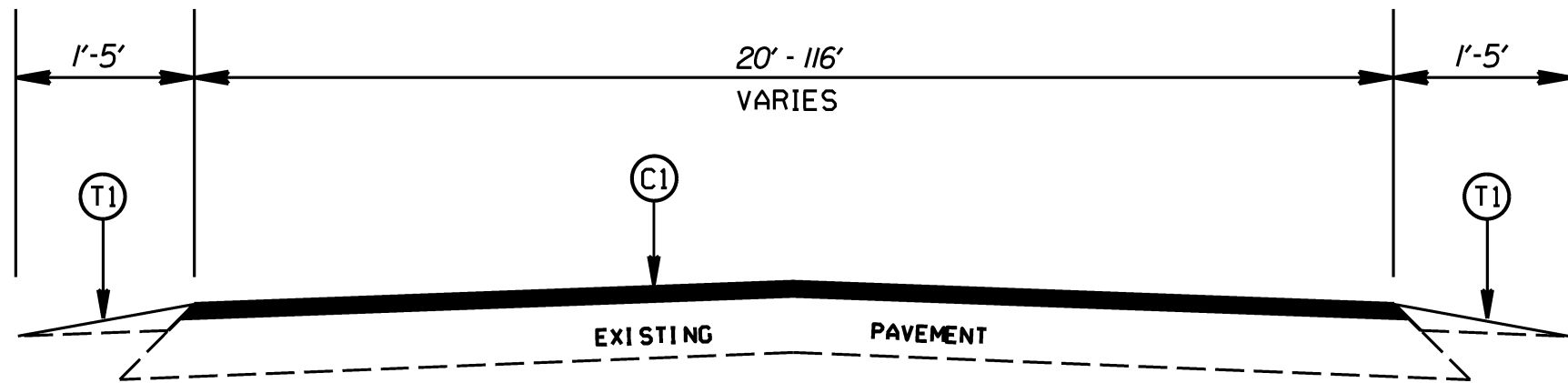
TYPICAL SECTION NO. 7

MAP 5 - SR 1152 (ZION CHURCH ROAD)
 MAP 6 - SR 1153 (ZION CHURCH ROAD)



TYPICAL SECTION NO. 8

MAP 6 - SR 1153 (ZION CHURCH ROAD)



TYPICAL SECTION NO. 9

MAP 7 - SR 1206 (CRAIGHEAD ROAD)
 MAP 8 - SR 1207 (PENICK COURT)
 MAP 33 - SR 2711 (TIMOTHY DRIVE)
 MAP 34 - SR 2719 (JASON DRIVE)

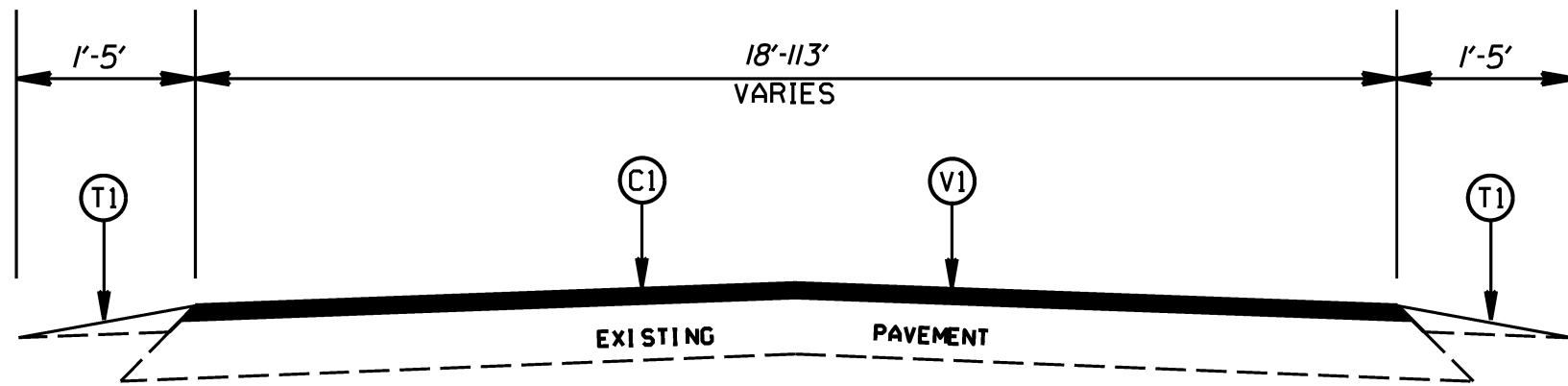
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	20	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION

NOTES:
 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

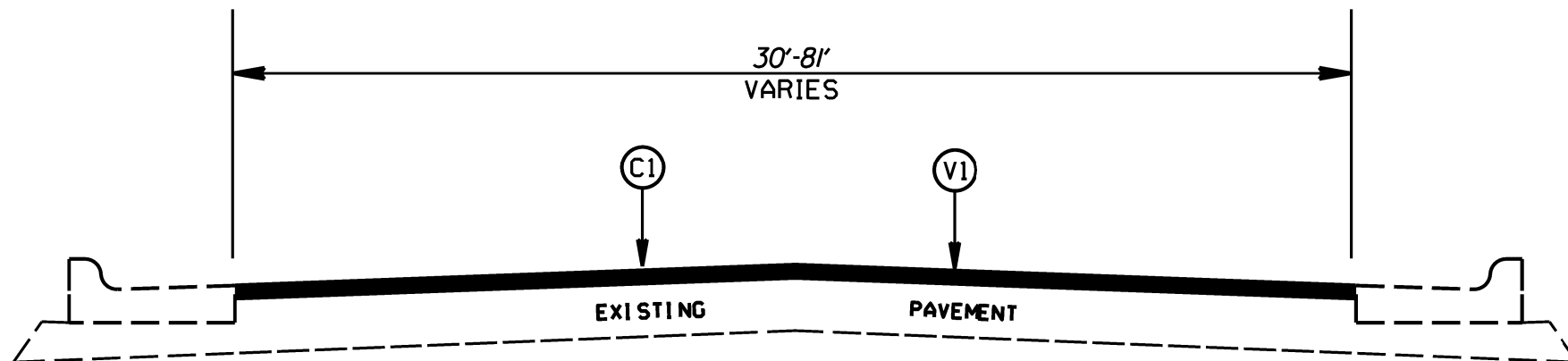
CABARRUS COUNTY
RESURFACING SPRING 2022

SCALE	-NA-		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			



TYPICAL SECTION NO. 10

- MAP 17 - SR 2375 (BRAXTON DRIVE)
- MAP 23 - SR 2478 (GREEN ACRES CIRCLE)
- MAP 24 - SR 2513 (COLFAX DRIVE)
- MAP 25 - SR 2514 (THOMPSON DRIVE)
- MAP 26 - SR 2514 (THOMPSON DRIVE)
- MAP 27 - SR 2515 (WILMBLEDON STREET)
- MAP 28 - SR 2521 (CHELSEA DRIVE)
- MAP 29 - SR 2526 (ESSEX DRIVE)
- MAP 30 - SR 2527 (TUDOR COURT)
- MAP 31 - SR 2529 (TWINFIELD DRIVE)
- MAP 32 - SR 2530 (BANBURY LANE)



TYPICAL SECTION NO. 11

- MAP 9 - SR 1299 (QUAIL HOLLOW DRIVE)
- MAP 12 - SR 2300 (JON CHRIS DRIVE)
- MAP 13 - SR 2301 (DEER DRIVE)
- MAP 14 - SR 2346 (FERRELL PLACE)
- MAP 15 - SR 2349 (WILLIS DRIVE)
- MAP 16 - SR 2370 (ANDERSON PLACE)
- MAP 17 - SR 2375 (BRAXTON DRIVE)
- MAP 18 - SR 2376 (DAFFODIL LANE)
- MAP 19 - SR 2377 (SABLE COURT)
- MAP 20 - SR 2378 (VALLEY TRAIL COURT)
- MAP 21 - SR 2386 (KALE PLACE)

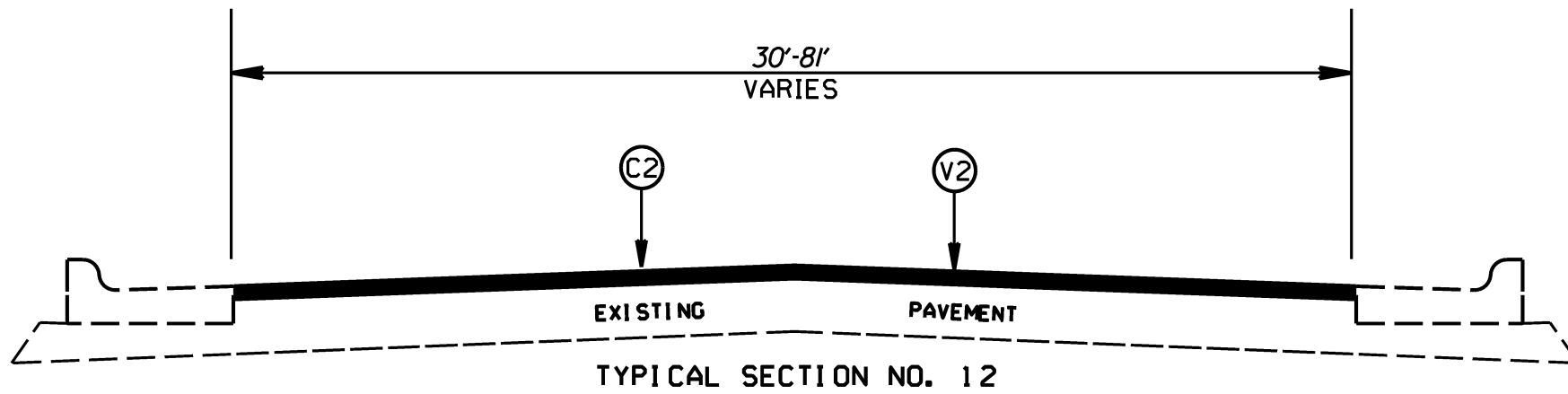
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	21	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

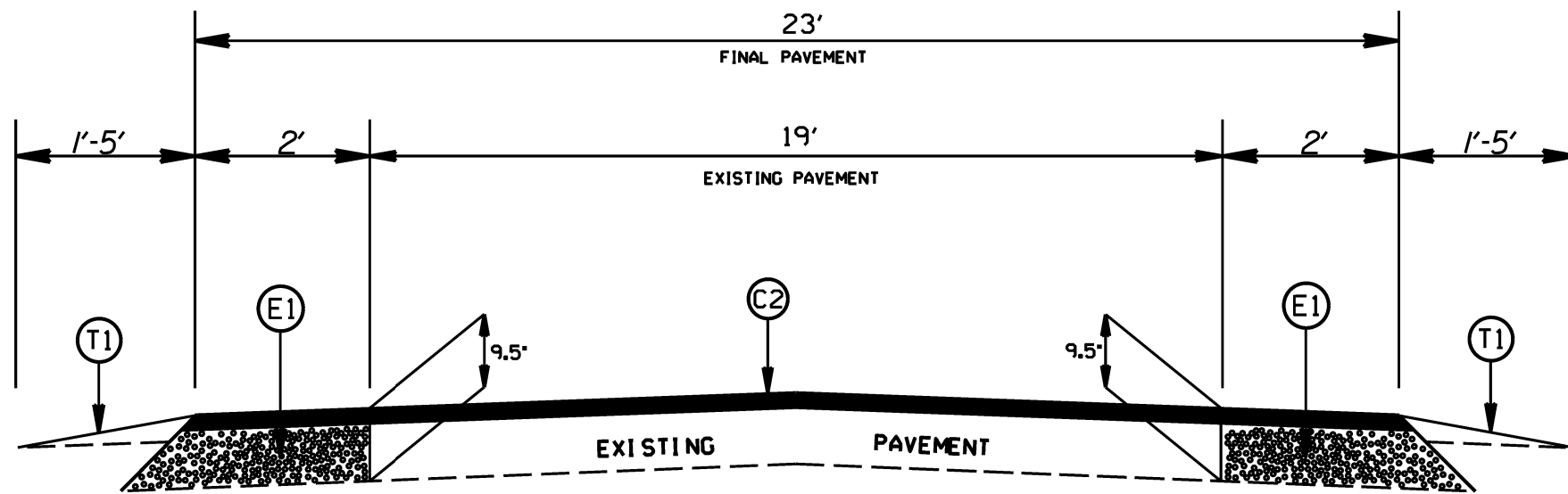
CABARRUS COUNTY RESURFACING SPRING 2022			
SCALE	1"=10'		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	22	
F.A. PROJECT NO.			

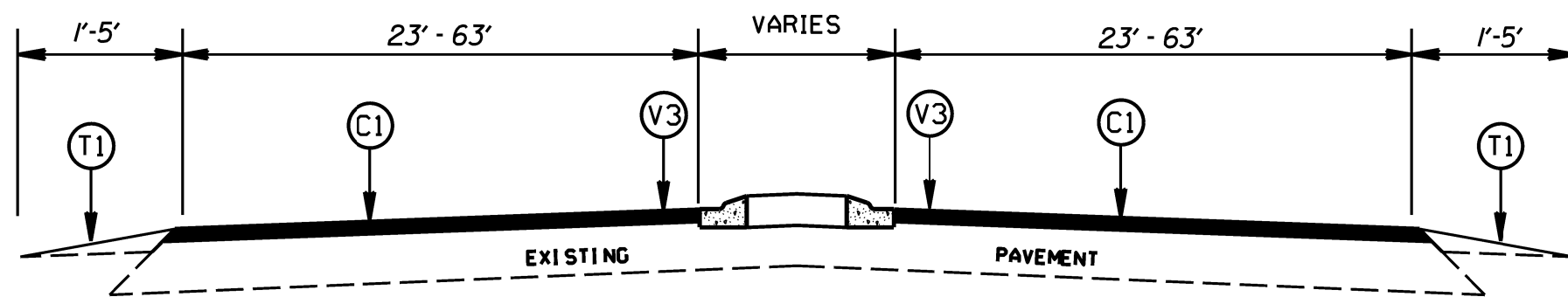


TYPICAL SECTION NO. 12
MAP 10 - SR 2202 (CHINA GROVE ROAD)

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION



TYPICAL SECTION NO. 13
MAP 11 - SR 2202 (CHINA GROVE ROAD)

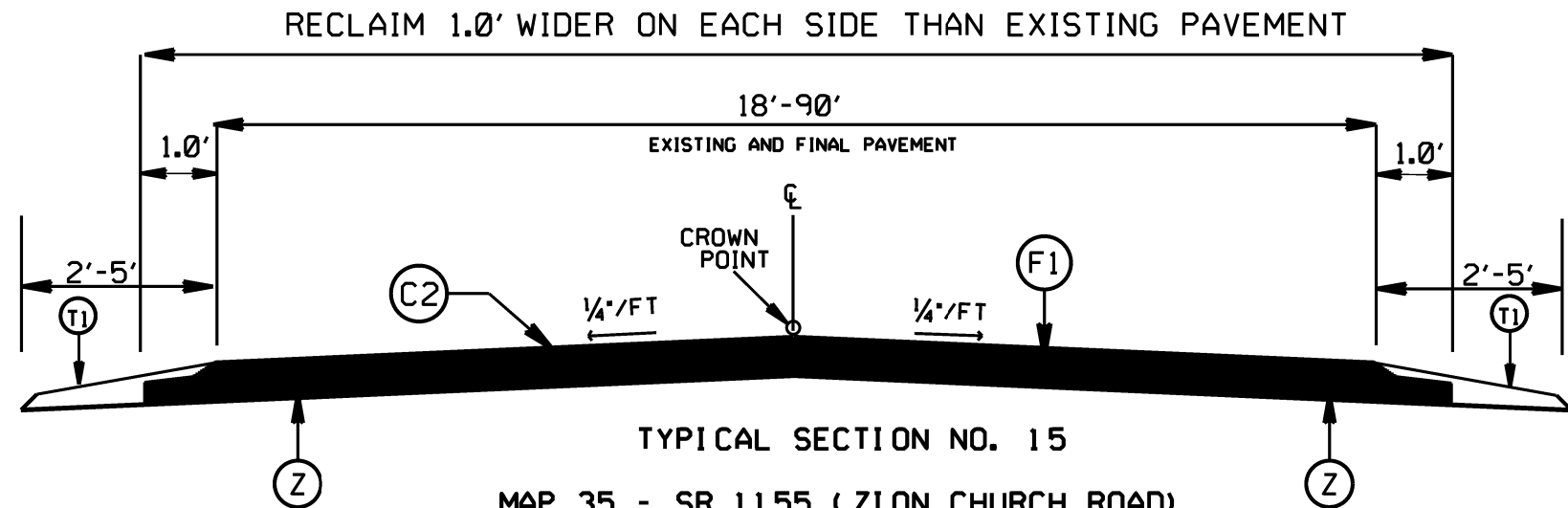


TYPICAL SECTION NO. 14
MAP 33 - SR 2711 (TIMOTHY DRIVE)

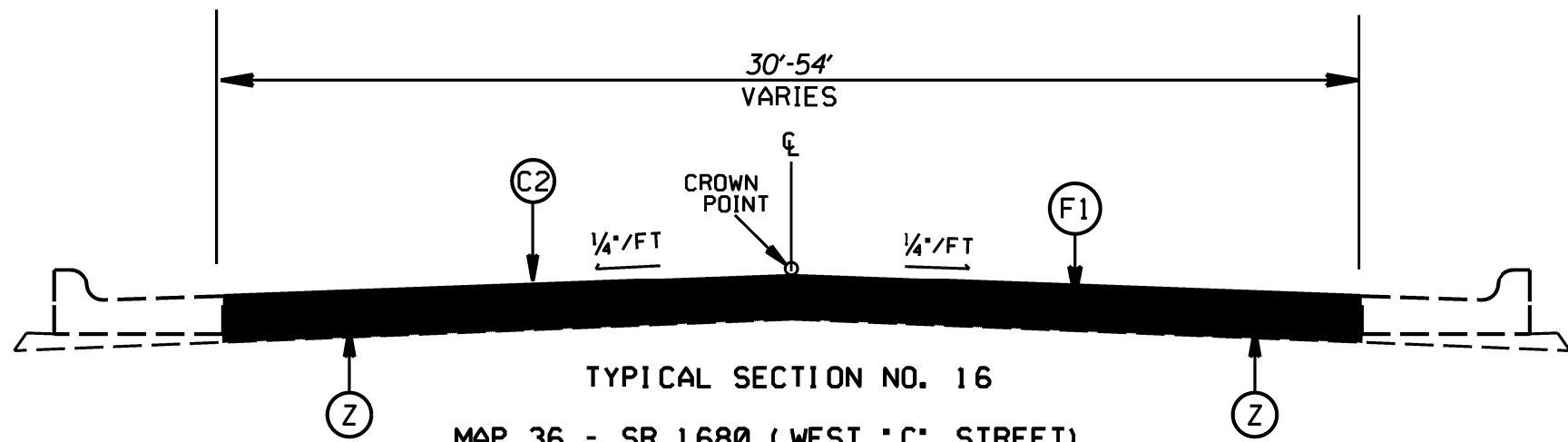
NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY
RESURFACING SPRING 2022

SCALE	NA		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			



TYPICAL SECTION NO. 15
 MAP 35 - SR 1155 (ZION CHURCH ROAD)
 MAP 36 - SR 1680 (WEST "C" STREET)
 MAP 37 - SR 2118 (SUNRISE DRIVE)
 MAP 38 - SR 2444 (DUTCH ROAD)
 MAP 39 - SR 2604 (DUTCH ROAD)



TYPICAL SECTION NO. 16
 MAP 36 - SR 1680 (WEST "C" STREET)


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	23	
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.25"
V2	MILLING OF EXISTING PAVEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION

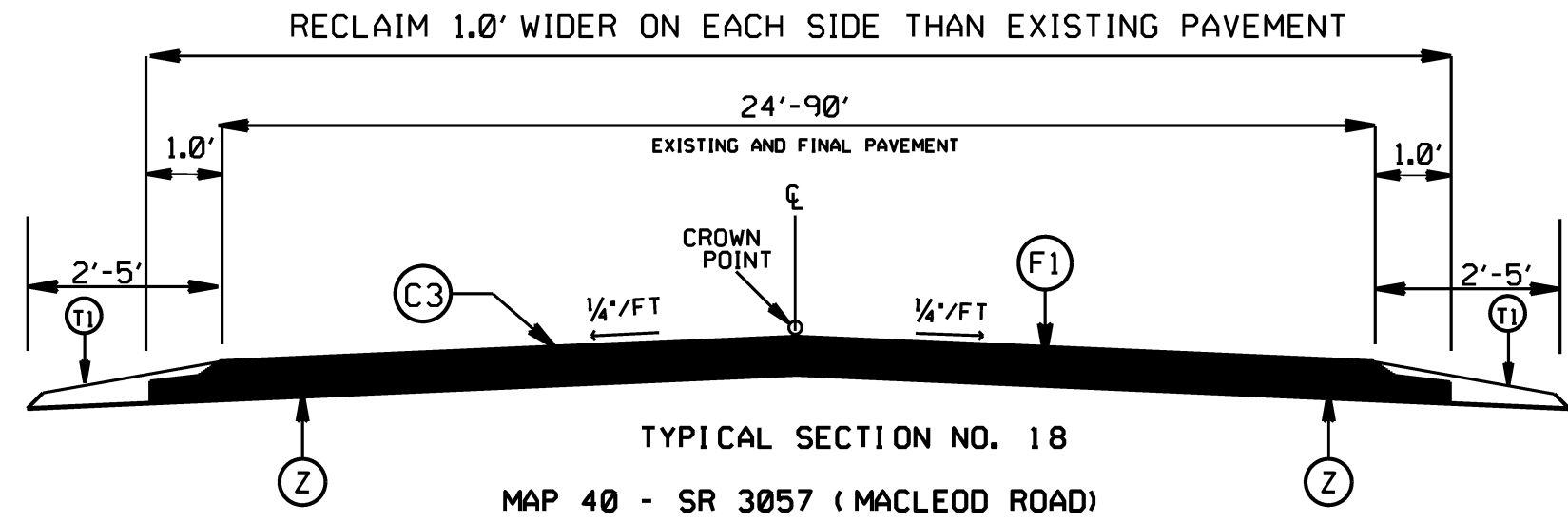
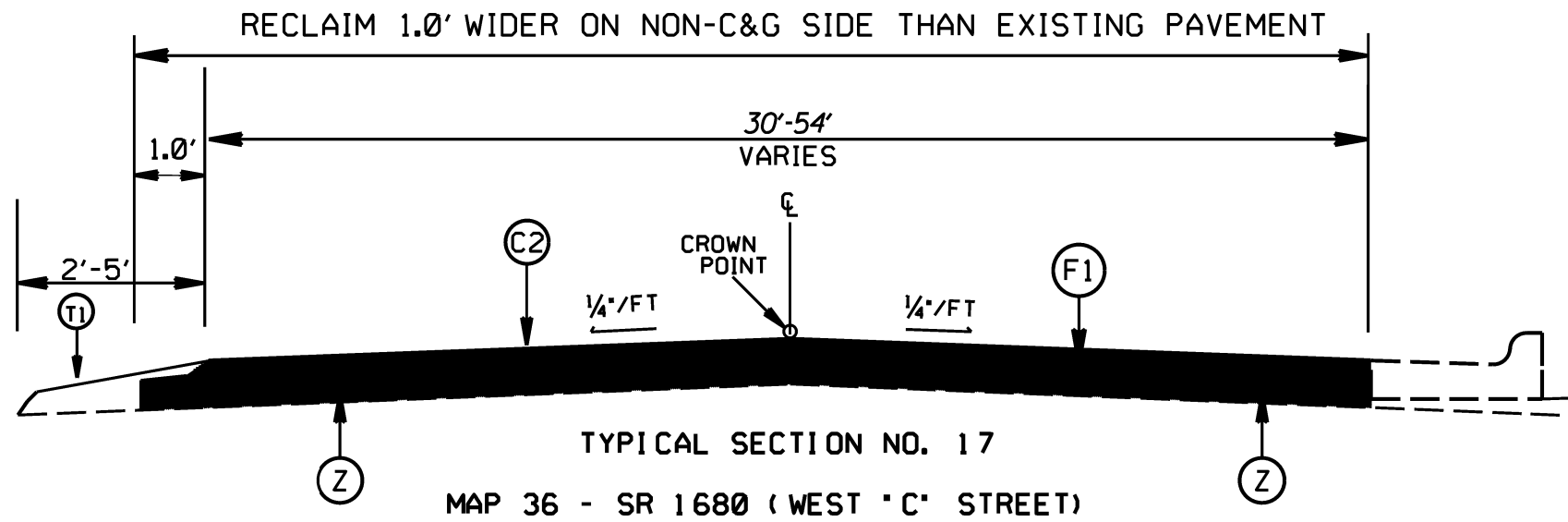
NOTE: FULL DEPTH RECLAMATION AND AST SHALL BE COMPLETED ON MAPS 35, 36, 37, 38, 39, AND 40 PRIOR TO THE ASPHALT OVERLAY.

NOTES:
 1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY
RESURFACING SPRING 2022

SCALE	NA		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	24	
F.A. PROJECT NO.			



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YDS.
E1	PROP. APPROX. 8.00" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SY'S IN EACH OF TWO LAYERS
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAYEMENT, 1.25"
V2	MILLING OF EXISTING PAYEMENT, 1.50"
V3	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.25" (8' WIDTH)
V4	PROFILE MILLING OF EXISTING ASPHALT, 0"-1.50" (8' WIDTH)
Z	FULL DEPTH RECLAMATION

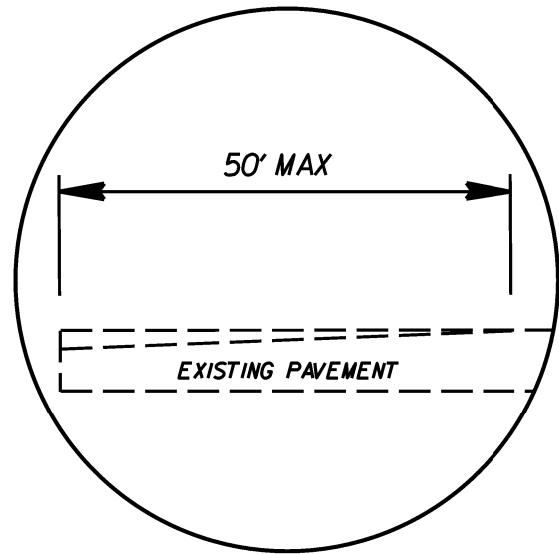
NOTE: FULL DEPTH RECLAMATION AND AST SHALL BE COMPLETED ON MAPS 35,36,37,38,39,AND 40 PRIOR TO THE ASPHALT OVERLAY.

NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

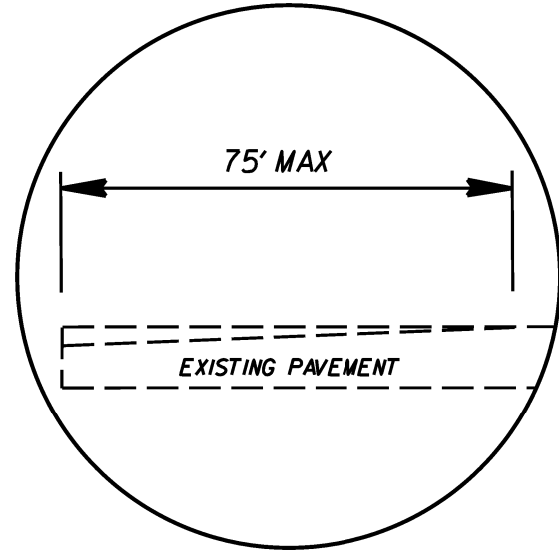
CABARRUS COUNTY
RESURFACING SPRING 2022

SCALE	-NA-		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED			

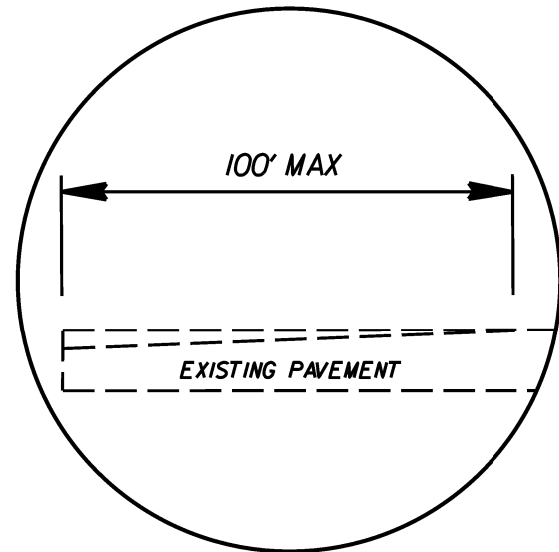
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	25	
F.A. PROJECT NO.			



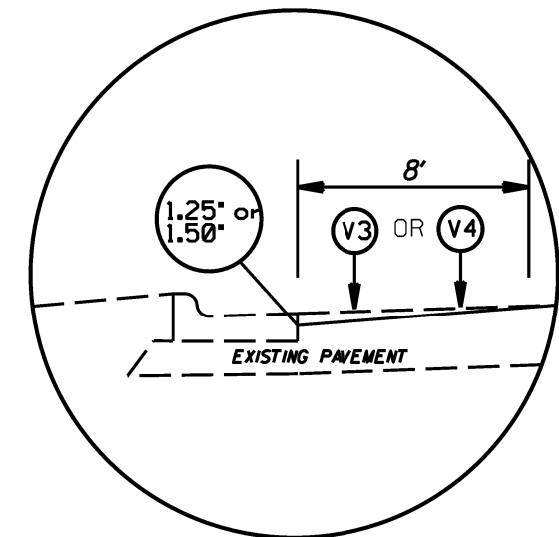
DETAIL FOR INCIDENTAL MILLING (0' TO 1.0')
TIE-IN



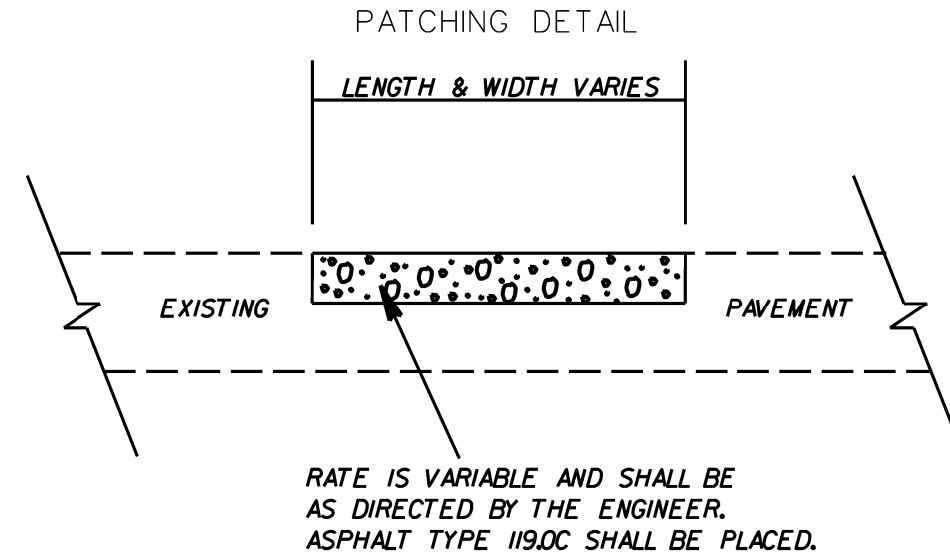
DETAIL FOR INCIDENTAL MILLING (0' TO 1.5')
TIE-IN



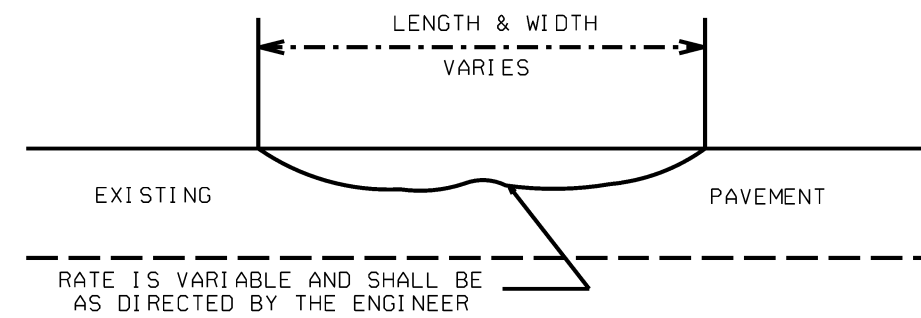
DETAIL FOR INCIDENTAL MILLING (0' TO 2.0')
TIE-IN



DETAIL FOR PROFILE MILLING (0' TO 1.25') OR (0' TO 1.50')



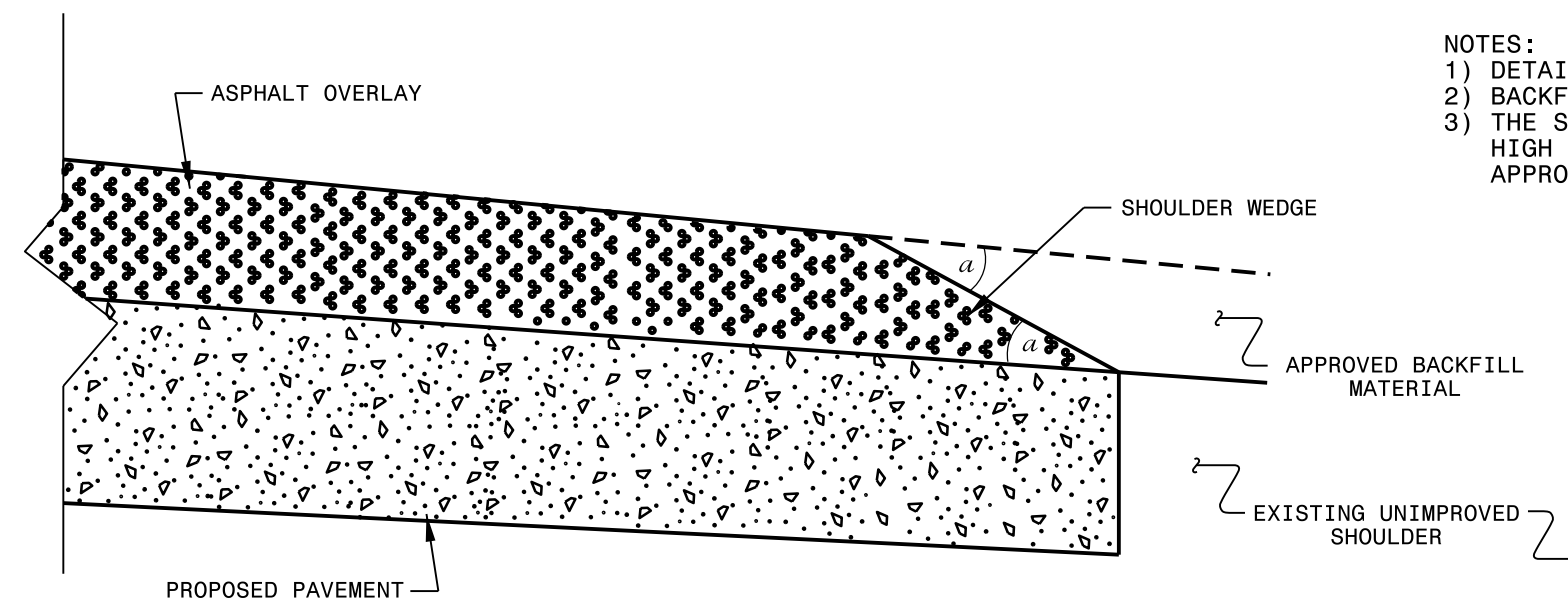
TYPE S9.5B OR S9.5C (LEVELING COURSE)



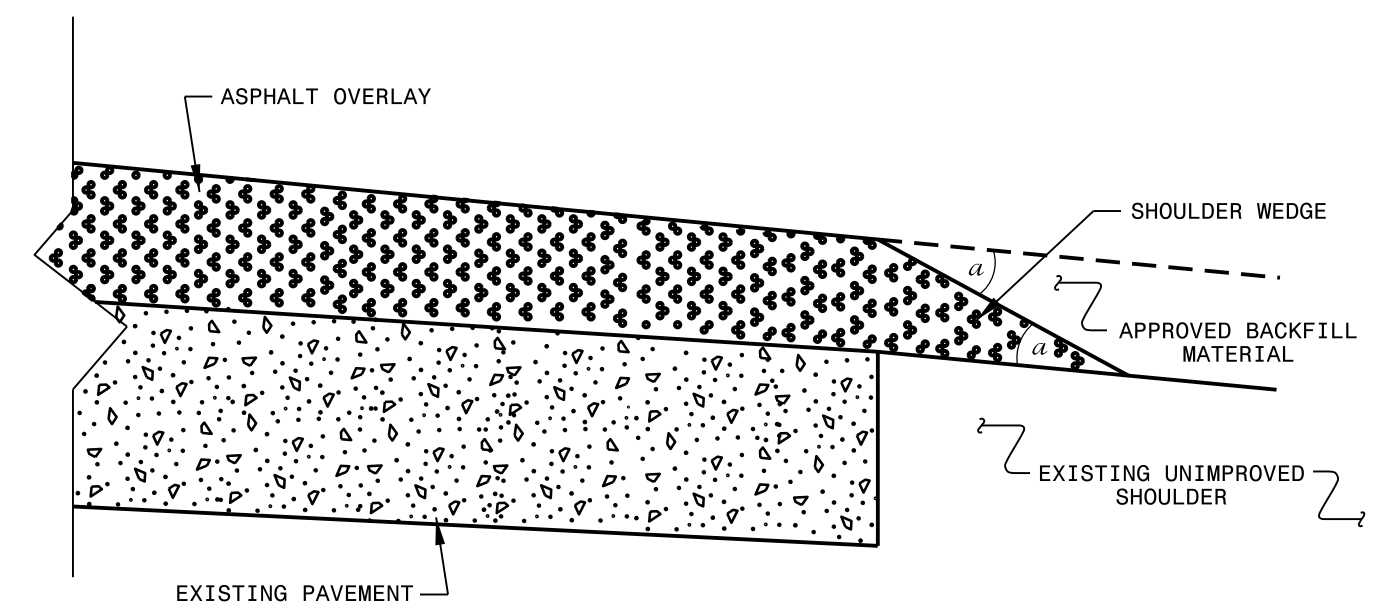
PATCHING, LEVELING, MILLING,
PROFILE MILLING DETAILS

SCALE	-NA-		REVISIONS
DATE	10/21		
DWG. BY	JWH		
DESIGN BY	JWH		
APPROVED	JWH		

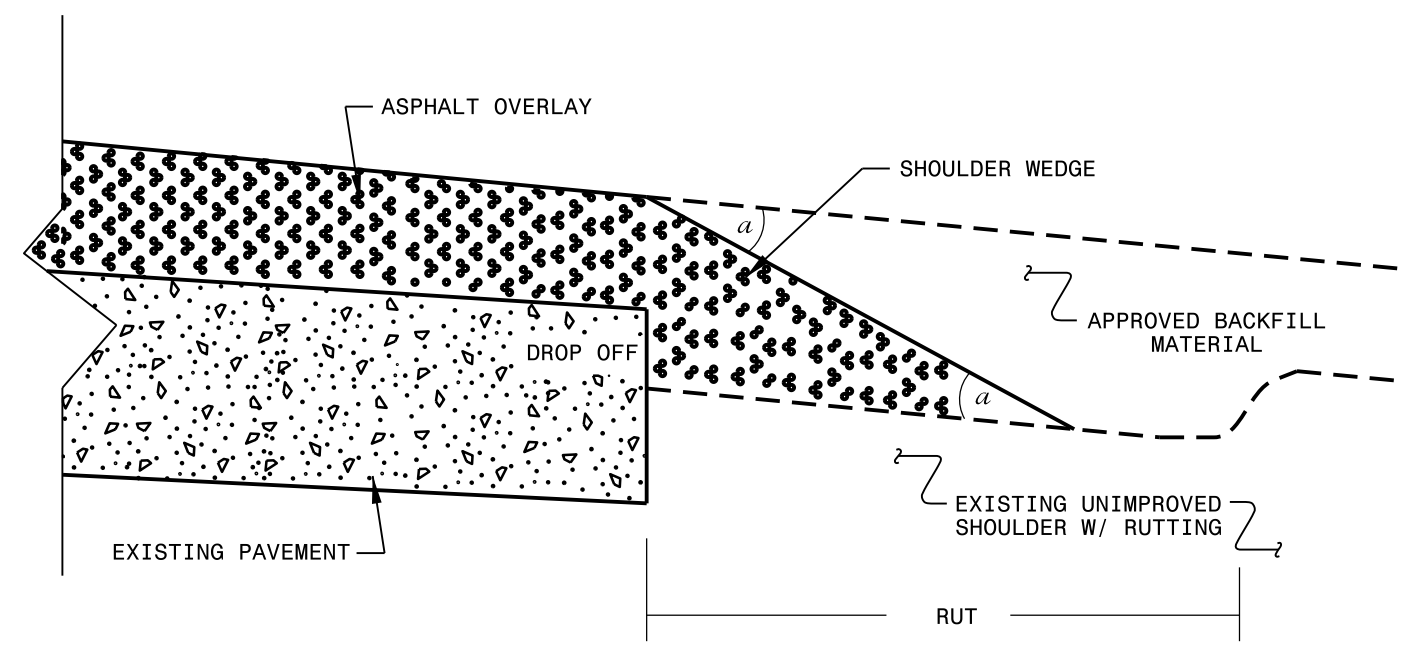
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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°

\$\$\$\$SYTIME\$\$\$\$
 \$\$\$SERVNAME\$\$\$

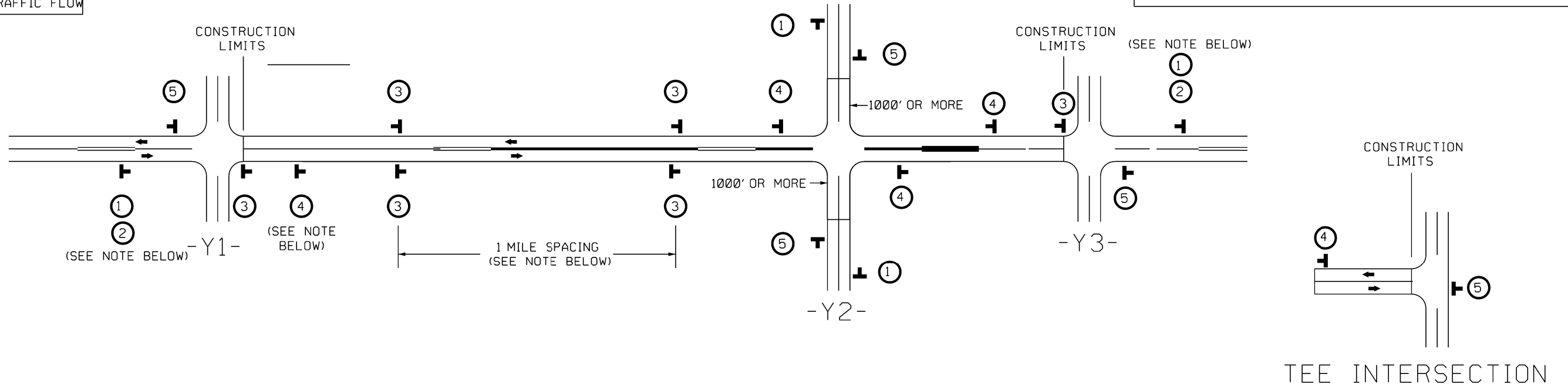
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
SHOULDER WEDGE DETAILS	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\detatl1s\stand\shoulderwedgedeta11.dgn	

SIGNING FOR RESURFACING PROJECTS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	TMP-1	
F.A. PROJECT NO.			

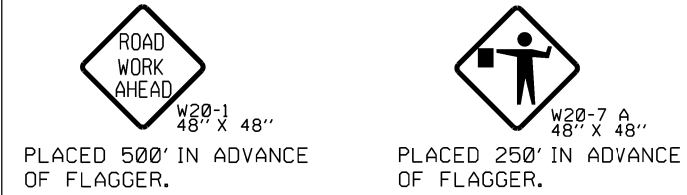
LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

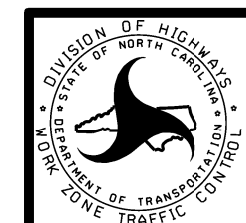
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	ROAD WORK AHEAD	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.
	2	NEXT XX MIL	*2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3	LOW/SOFT SHOULDER	- 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	ROAD UNDER CONST	- 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	END ROAD WORK	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	



THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

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

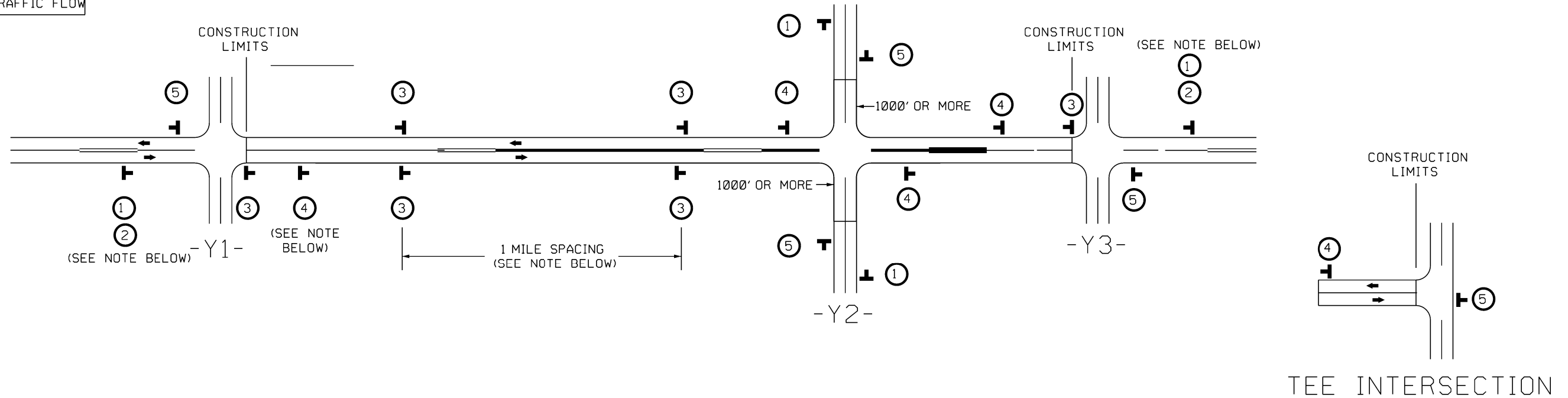


ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

SIGNING FOR ASPHALT SURFACE TREATMENT

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2022CPT.10.09.10131 2022CPT.10.09.20131 2022CPT.10.09.20132	TMP-2	
F.A. PROJECT NO.			

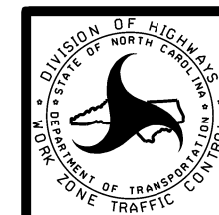
LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.	
	②	 W7-3aP 524" X 18"	*2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. (NO FRACTIONAL OR DECIMAL NUMBERS)		 W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	③	 W8-7 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 SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.		
	④	 SP 48" X 48"	 SP 13106 48" X 48"		- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.
	⑤	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.		
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.					
MAPS LESS THAN 2 MILES				FOR 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.	

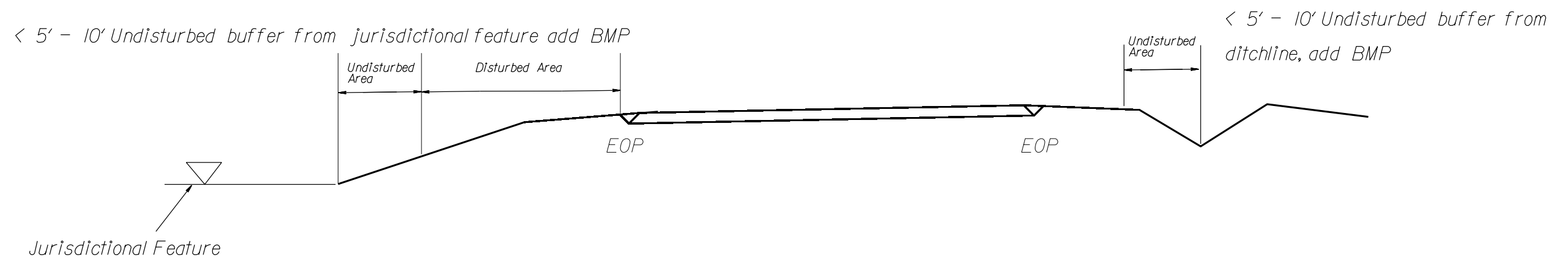
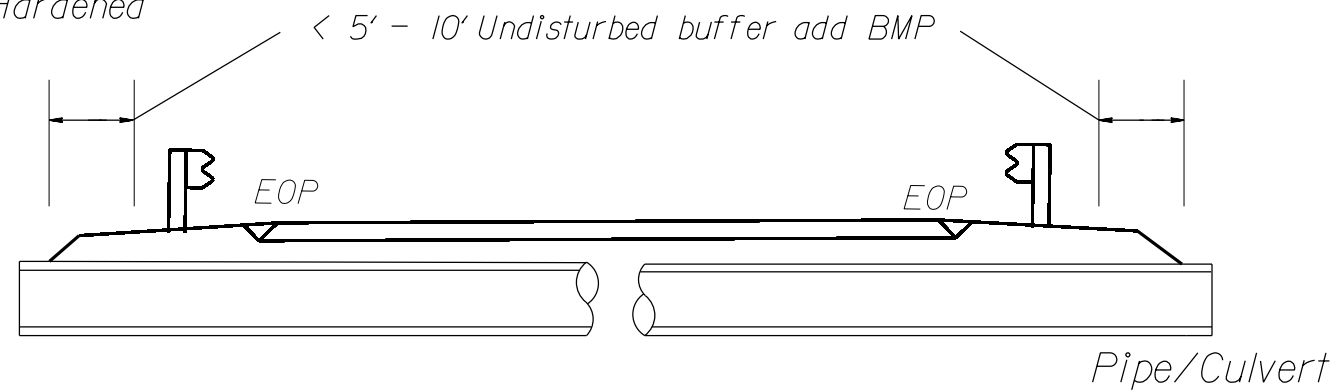


ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

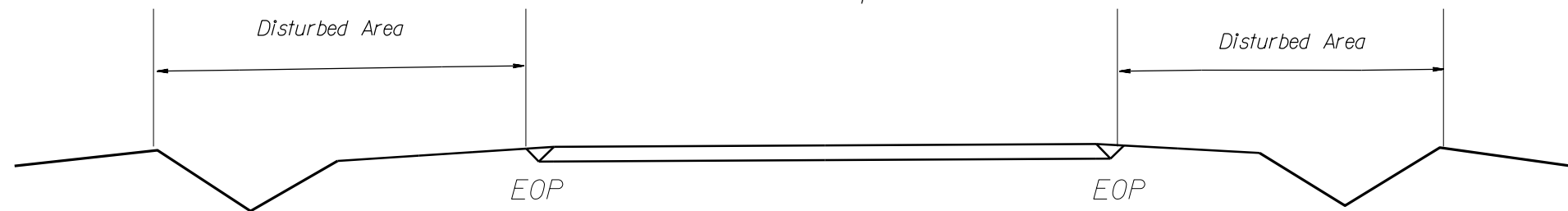
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle, Silt Fence or Hardened Aggregate.

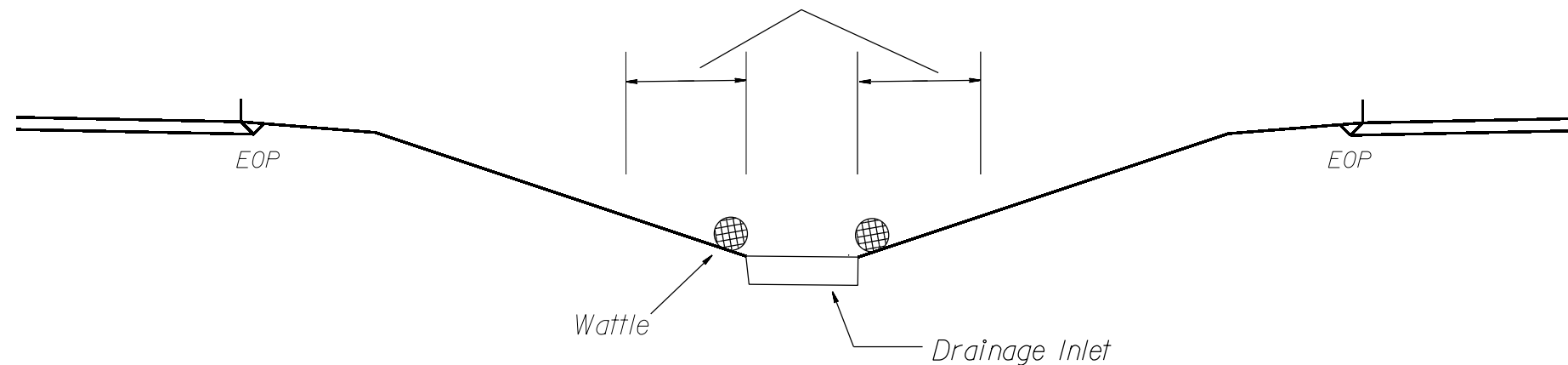
EROSION CONTROL DETAIL



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



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



NOT TO SCALE

WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

NOTES:

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

