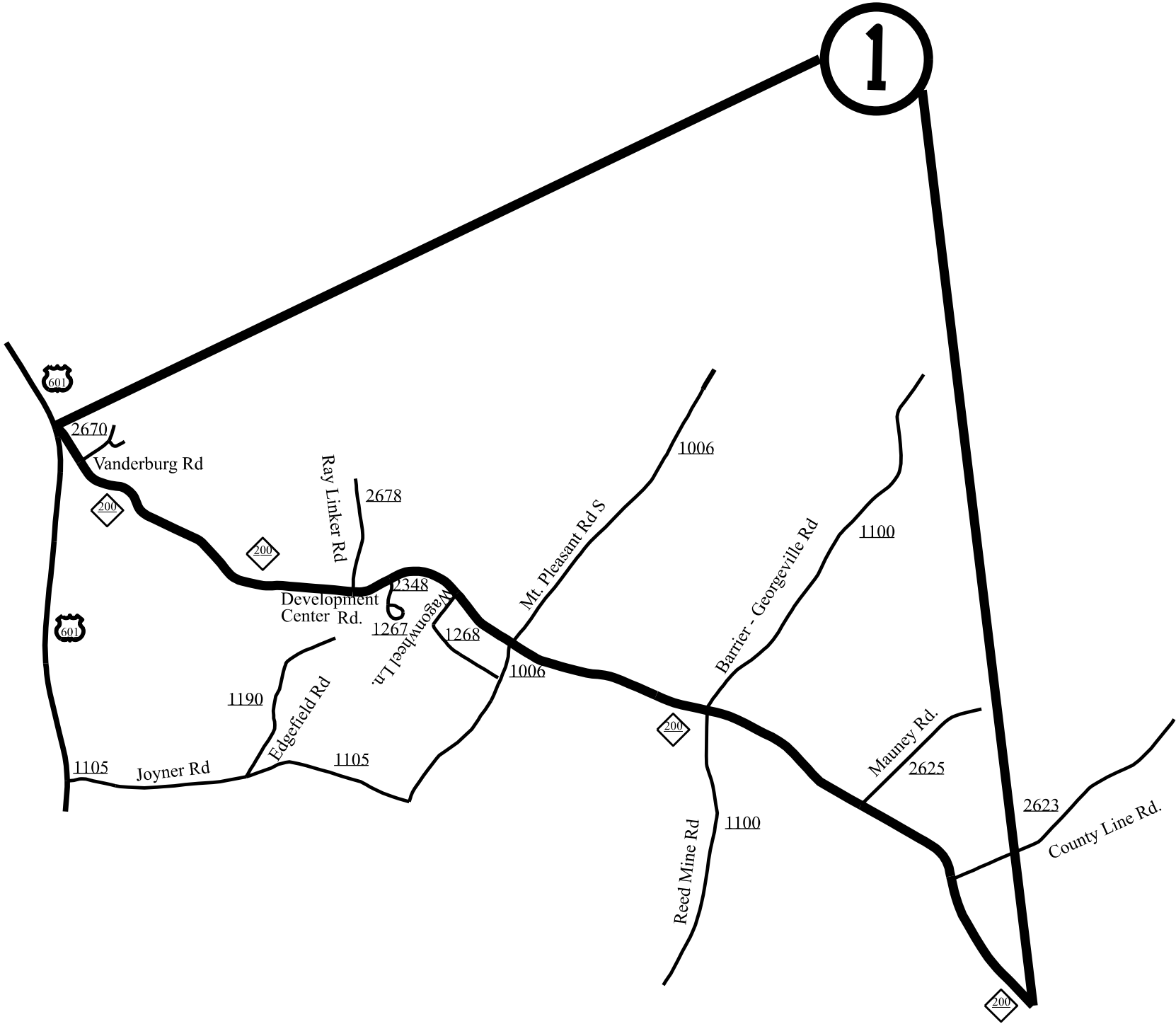


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	1	18
F.A. PROJECT NO.			

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 #1 - NC 200
5.73 MILES
FROM STANLY COUNTY LINE (MP 0.00)
TO US 601 (MP 5.73)

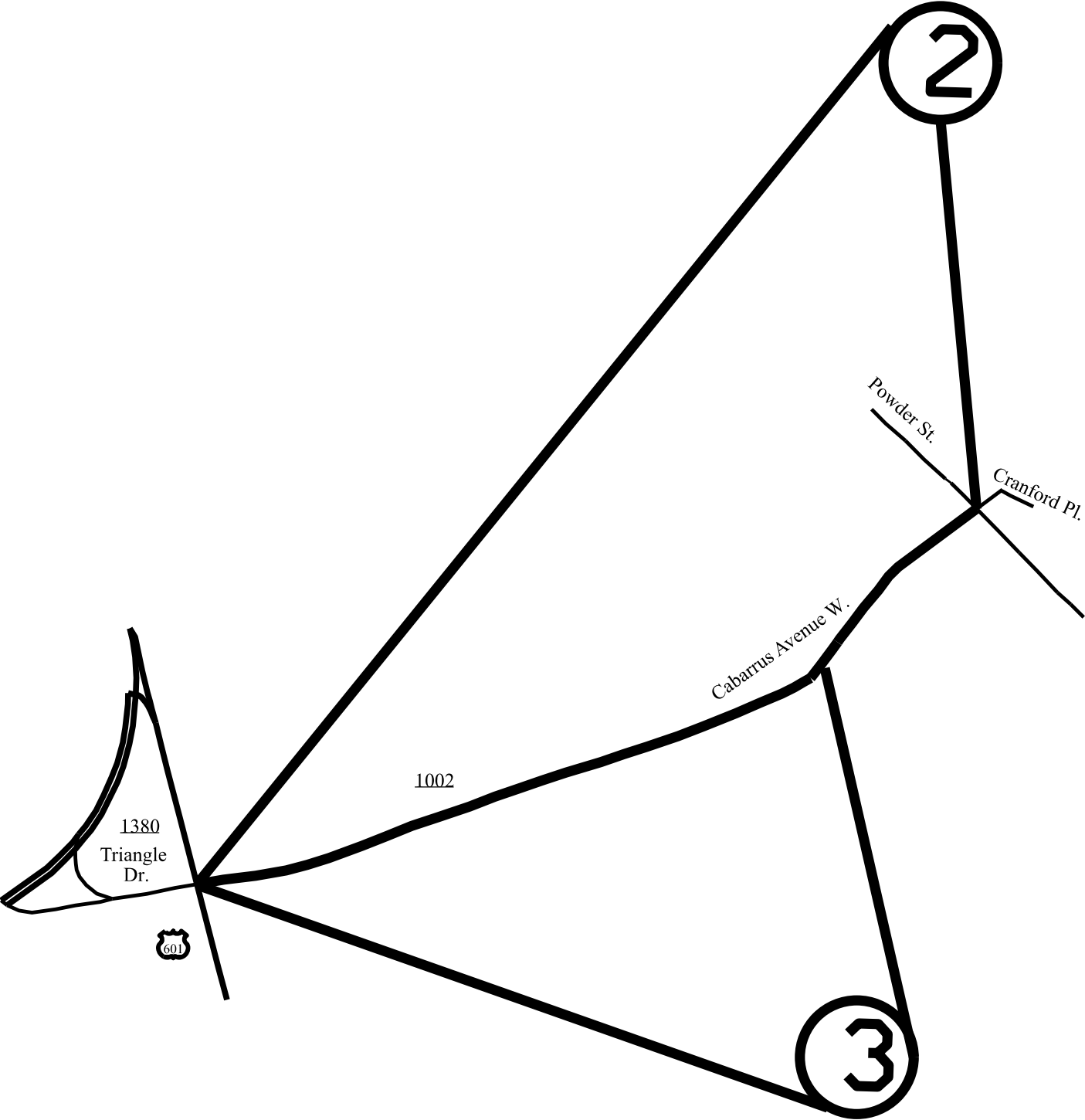
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	2	18
F.A. PROJECT NO.			

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



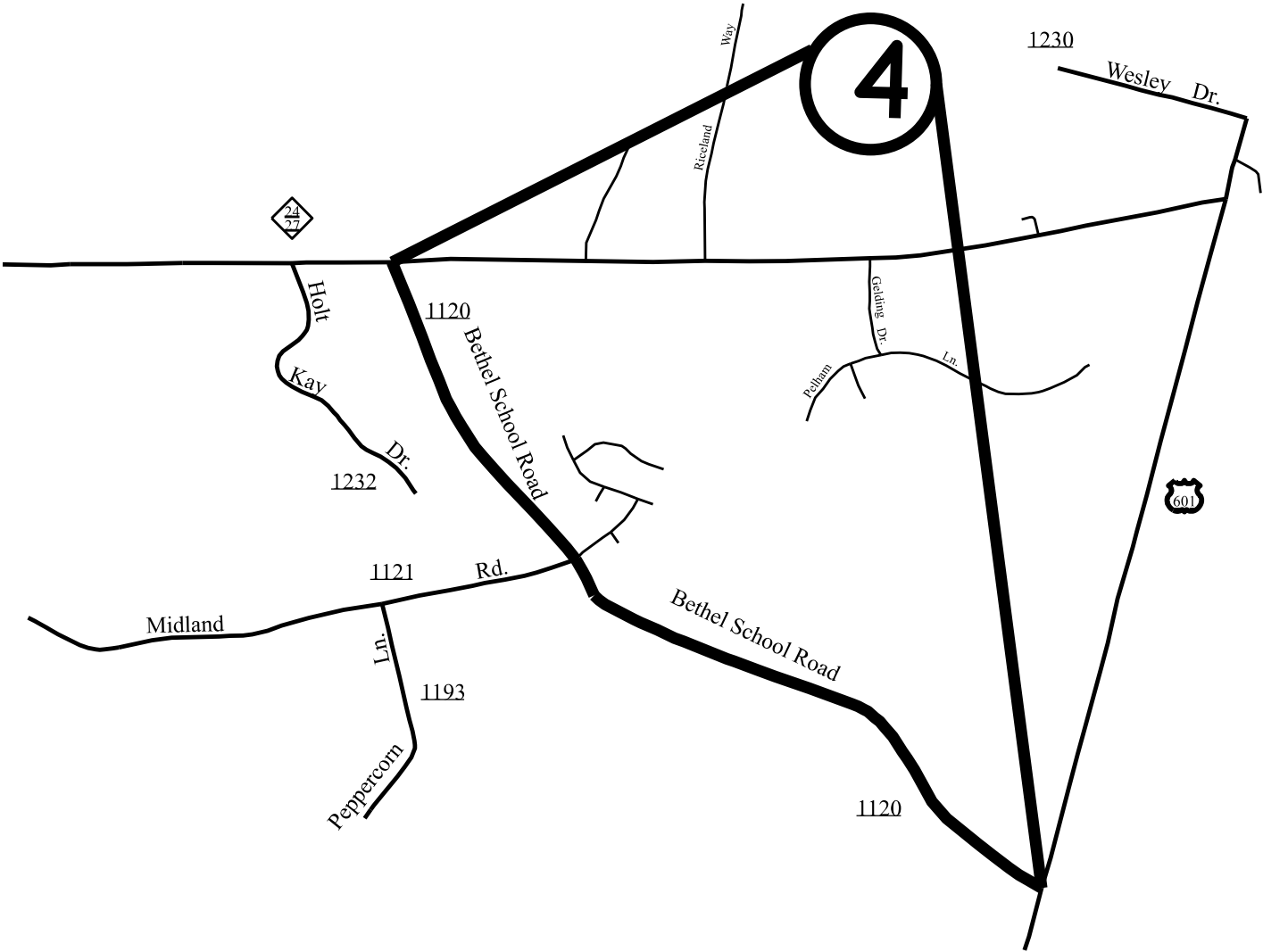
MAP #2 - SR 1002 CABARRUS AVENUE W.
1.10 MILES
FROM POWDER STREET (MP 8.19)
TO US 601 (MP 9.29)

MAP #2 - SR 1002 CABARRUS AVENUE W.
0.83 MILES
FROM US 601 (MP 0.26)
TO JOINT PAST THE ROUNDABOUT (MP 1.09)



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	3	18
F.A. PROJECT NO.			

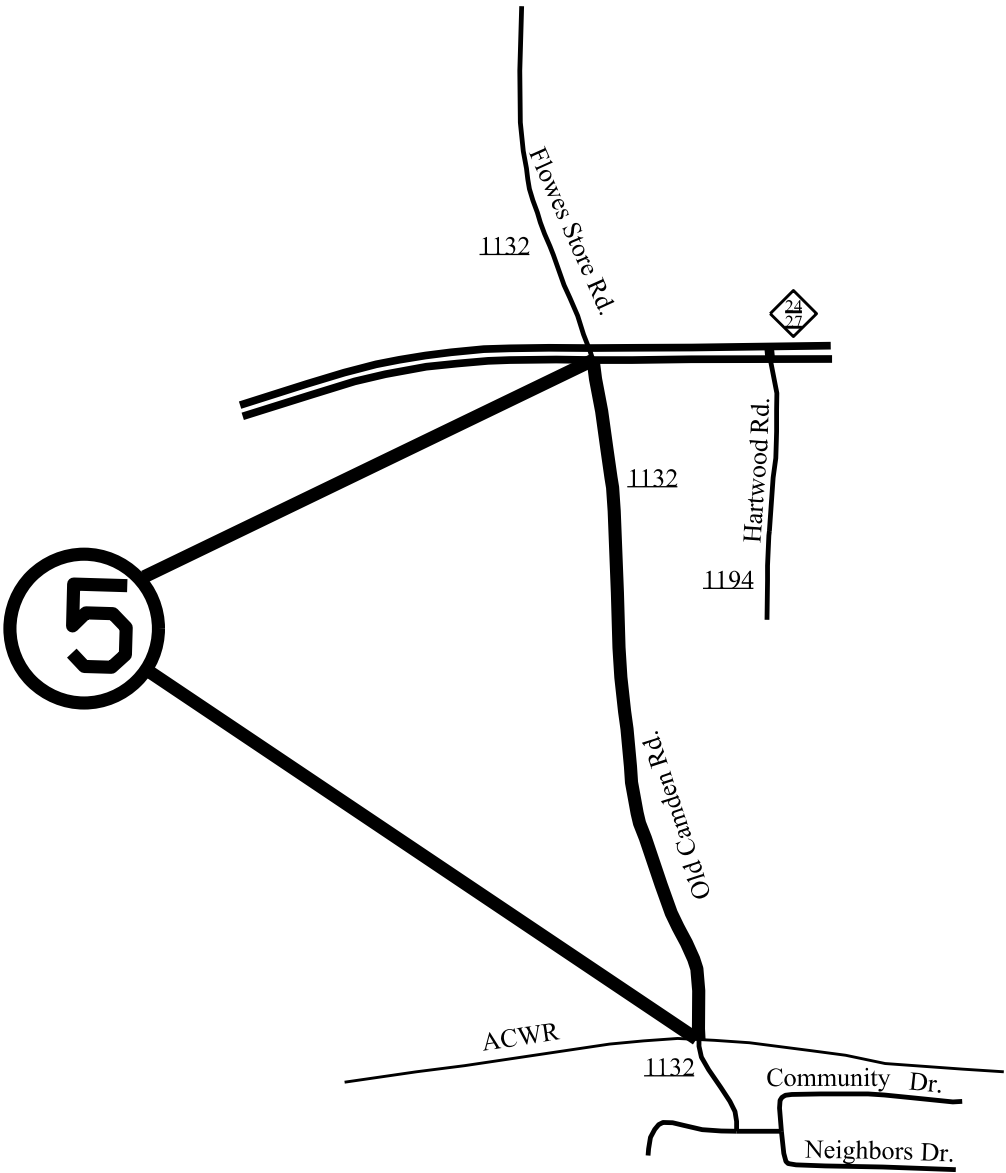
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #4 - SR 1120 BETHEL SCHOOL ROAD
1.64 MILES
FROM NC 24/27 (MP 0.00)
TO US 601 (MP 1.64)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	4	18
F.A. PROJECT NO.			

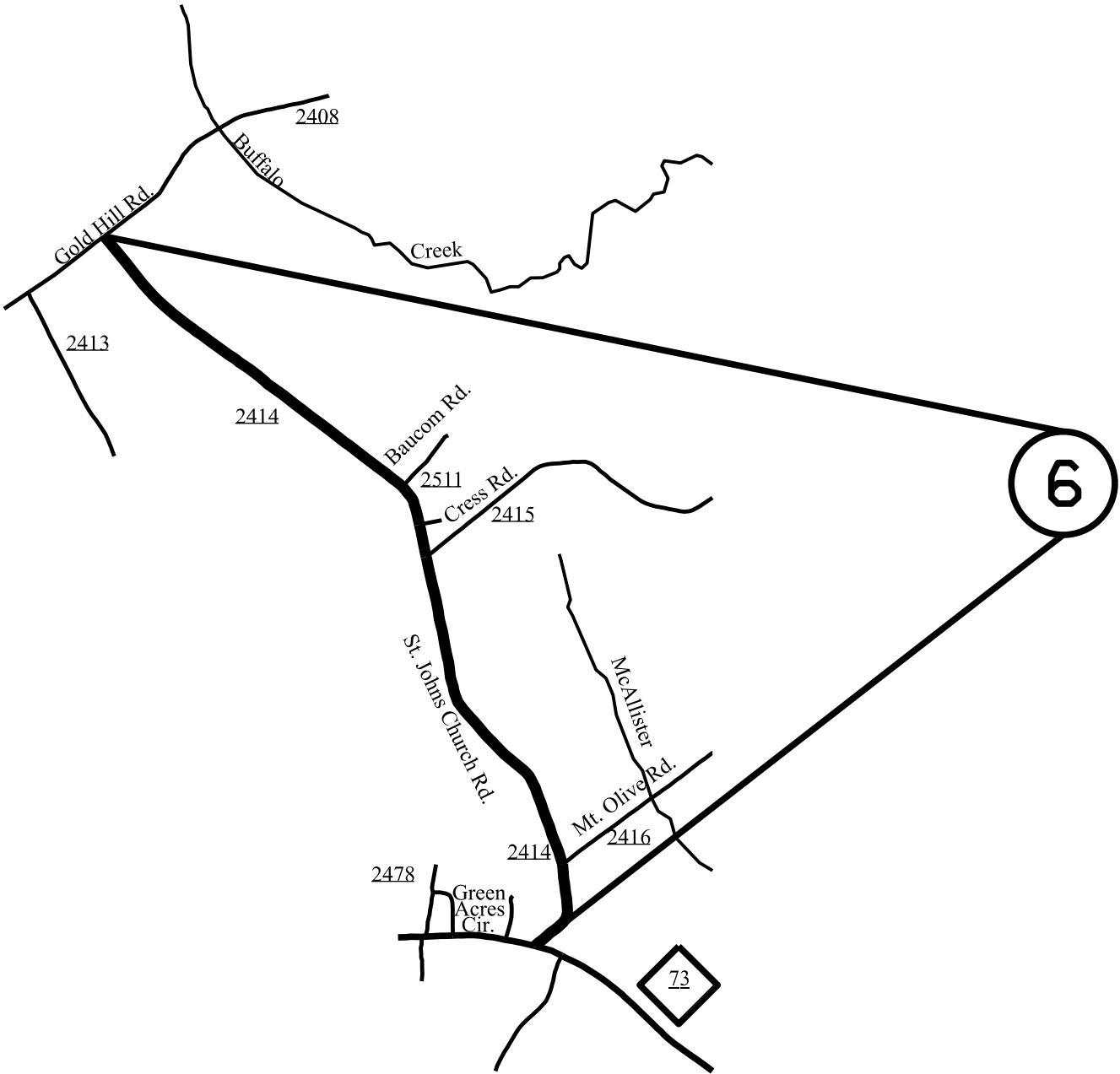
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #5 - SR 1132 OLD CAMDEN ROAD
0.77 MILES
FROM JOINT NEAR NC 24/27 (MP 15.34)
TO THE RAILROAD TRACKS (MP 16.11)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	5	18
F.A. PROJECT NO.			

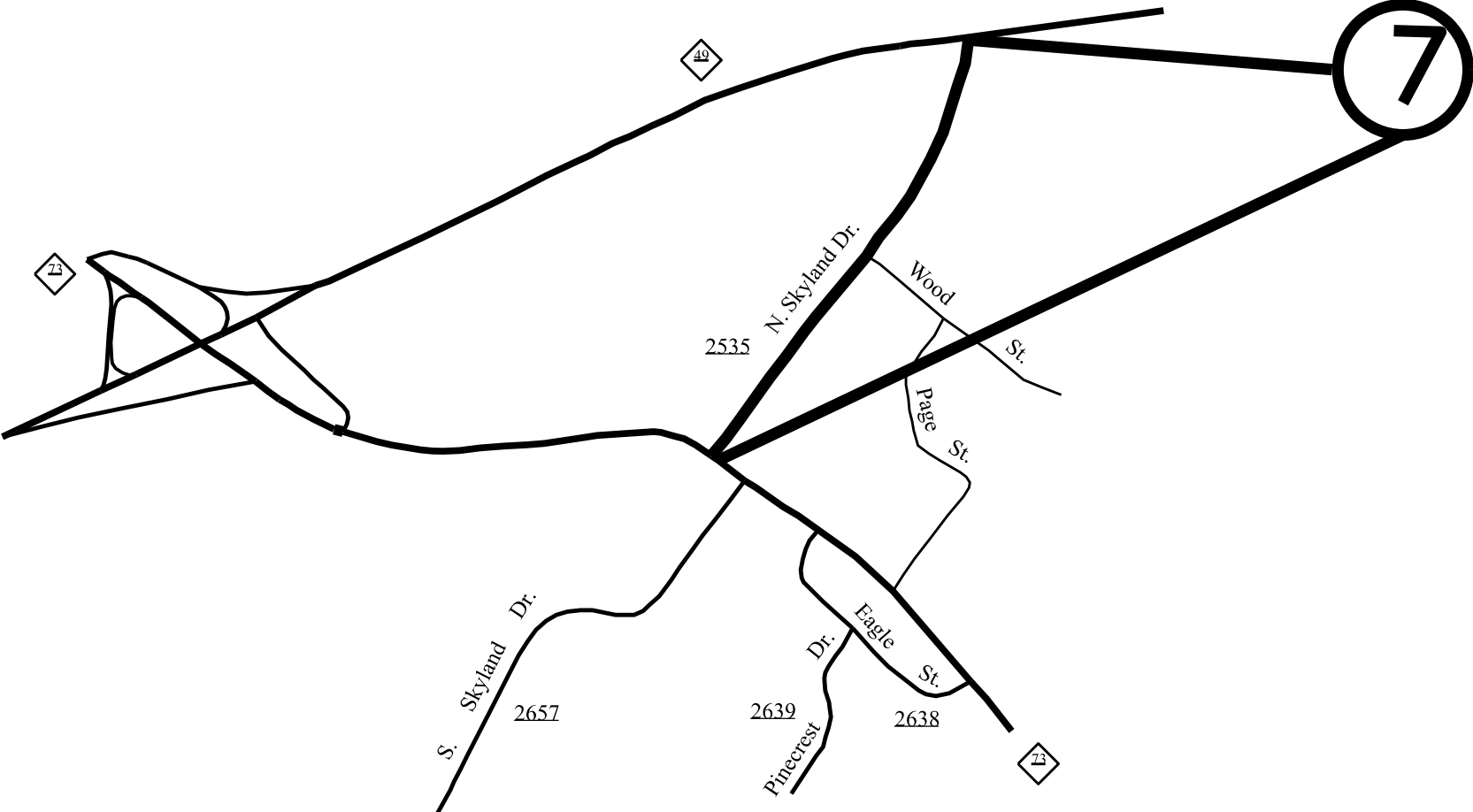
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY: H&E
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #6 - SR 2414 ST. JOHNS CHURCH ROAD
2.95 MILES
FROM NC 73 (MP 0.00)
TO SR 2408 GOLD HILL ROAD (MP 2.95)

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	6	18
F.A. PROJECT NO.			

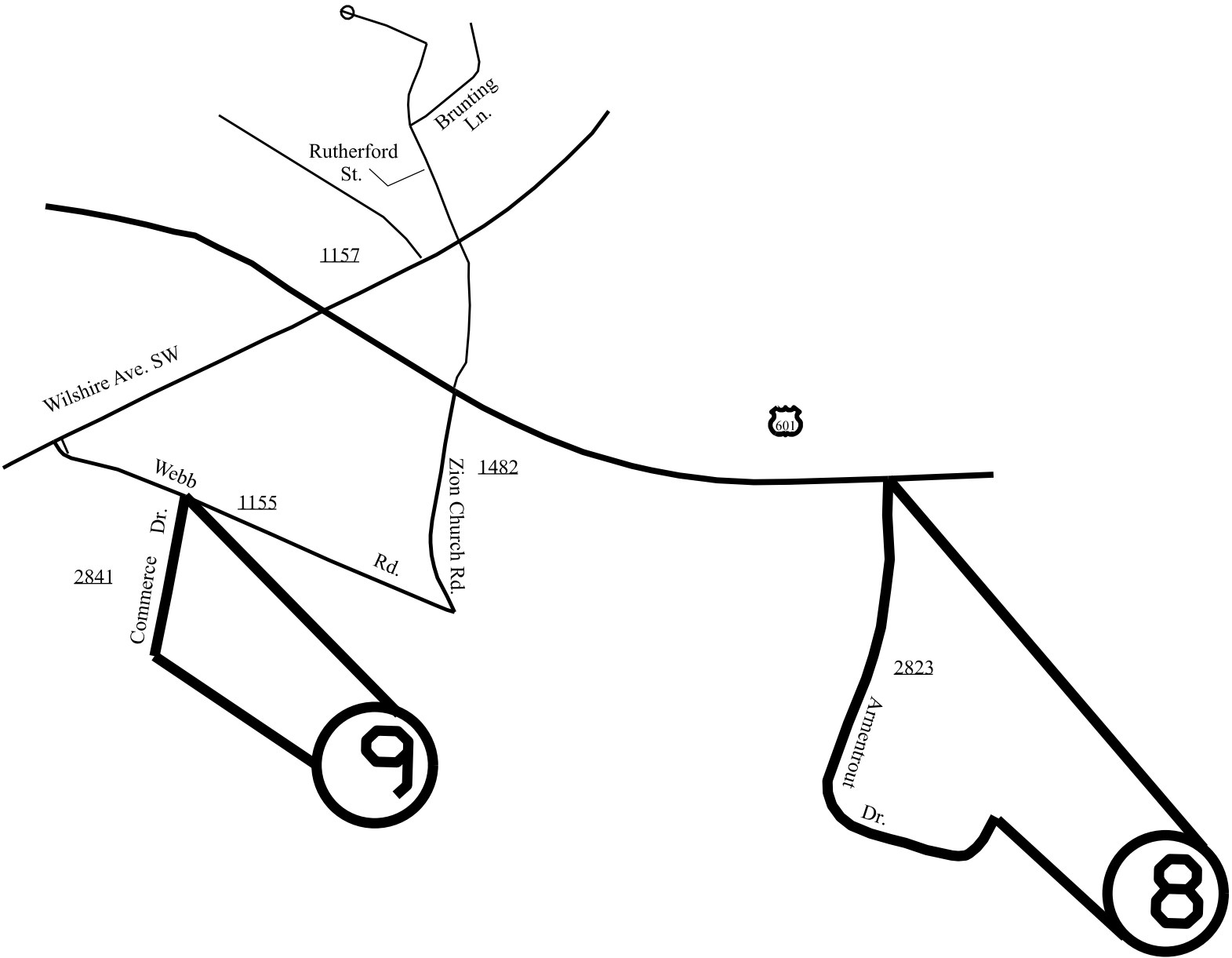
ENLARGED MUNICIPAL AND SUBURBAN AREAS
CABARRUS COUNTY
NORTH CAROLINA
PREPARED BY: EHE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1



MAP #7 - SR 2535 N. SKYLAND DRIVE
0.38 MILES
FROM NC 73 (MP 0.00) TO THE
ISLAND BEFORE NC 49 (MP 0.38)

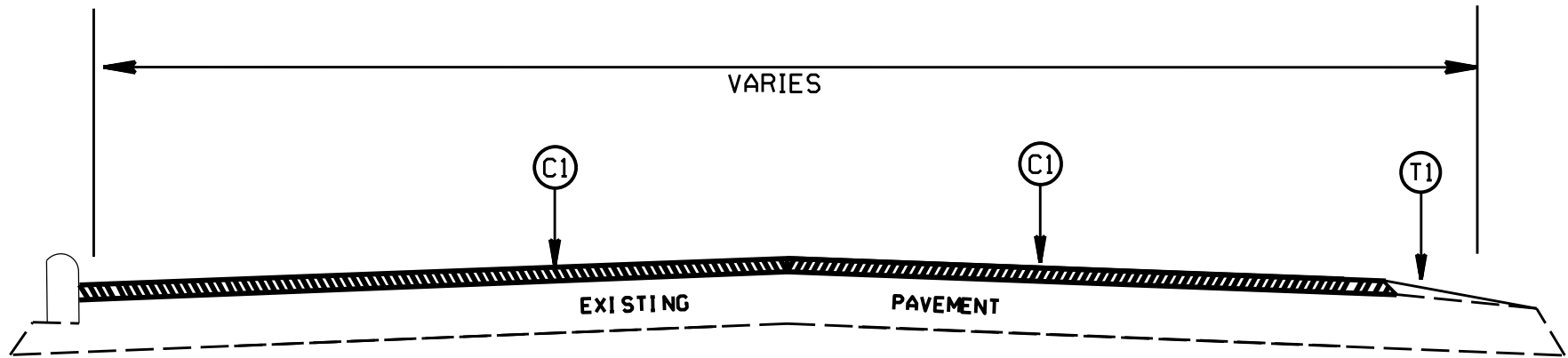
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	7	18
F.A. PROJECT NO.			

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



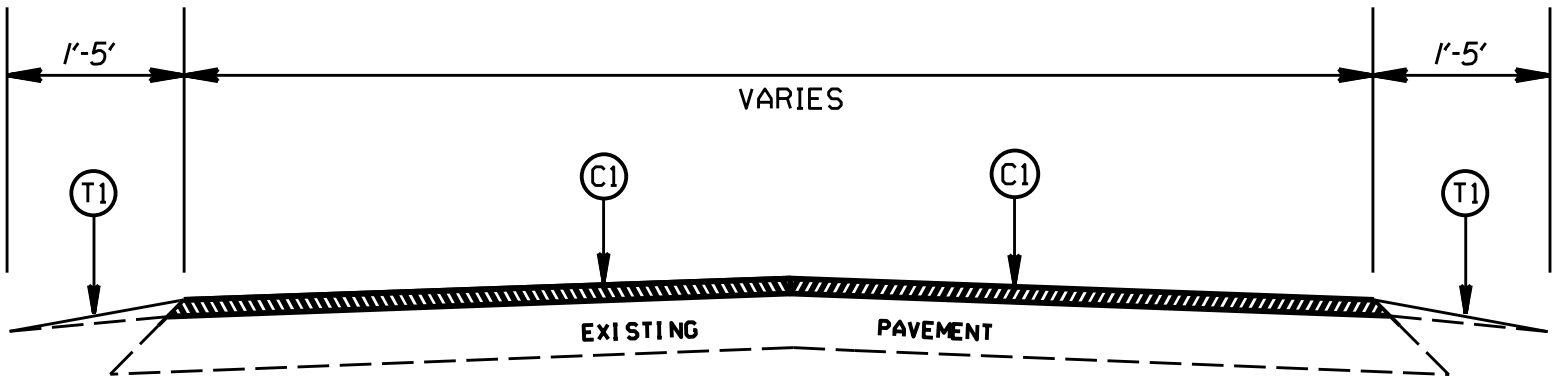
MAP #8 - SR 2823 - ARMENTROUT DRIVE
0.50 MILES
FROM US 601 (MP 0.00)
TO THE CUL DE SAC (MP 0.50)

MAP #9 - SR 2841 COMMERCE DRIVE
0.15 MILES
FROM SR 1155 WEBB ROAD (MP 0.00)
TO CUL DE SAC (MP 0.15)



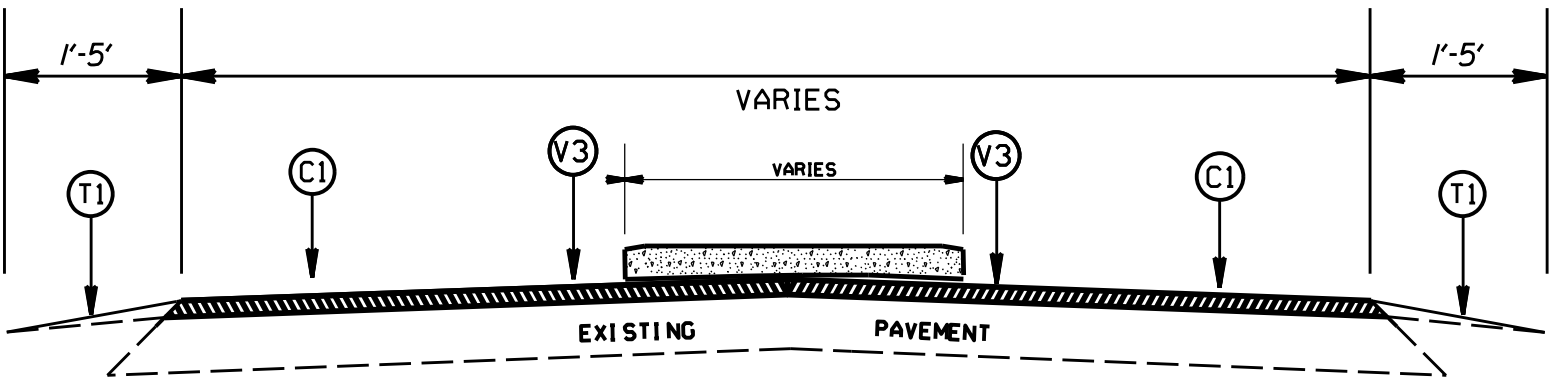
TYPICAL SECTION NO. 1

MAP 1 - NC 200 - STA. 10+00 TO 10+75



TYPICAL SECTION NO. 2

MAP 1 - NC 200



TYPICAL SECTION NO. 3

MAP 1 - NC 200 - STA. 304+49 TO 305+24

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	8	18
F.A. PROJECT NO.			

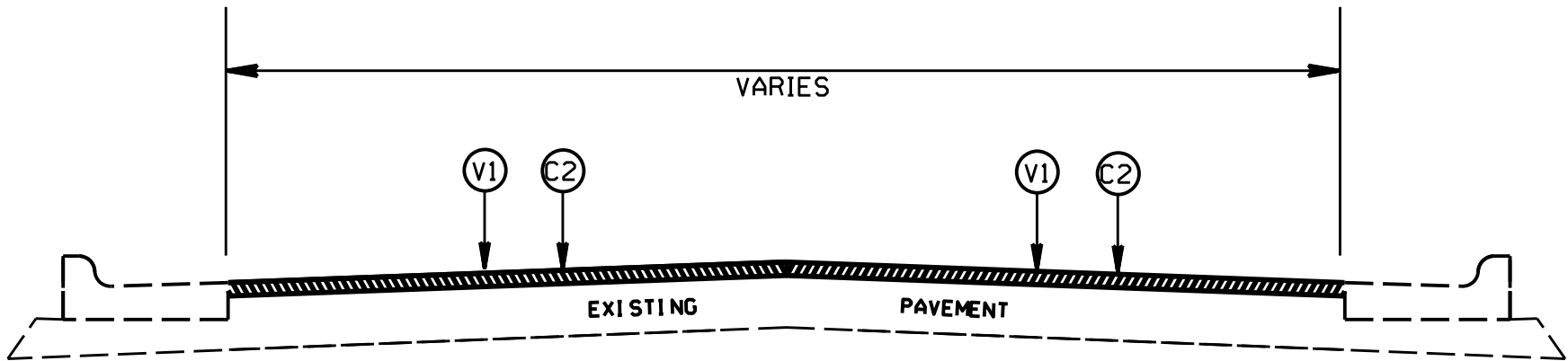
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVG. RATE OF 224 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.50"
V2	MILLING OF EXISTING PAVEMENT, 2.00"
V3	PROFILE MILLING 0" TO 1.50"

NOTES:

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

CABARRUS COUNTY
RESURFACING 2027

SCALE	DATE	DESIGN BY	APPROVED	REVISIONS
1/4"	9/25	RBS	RBS	

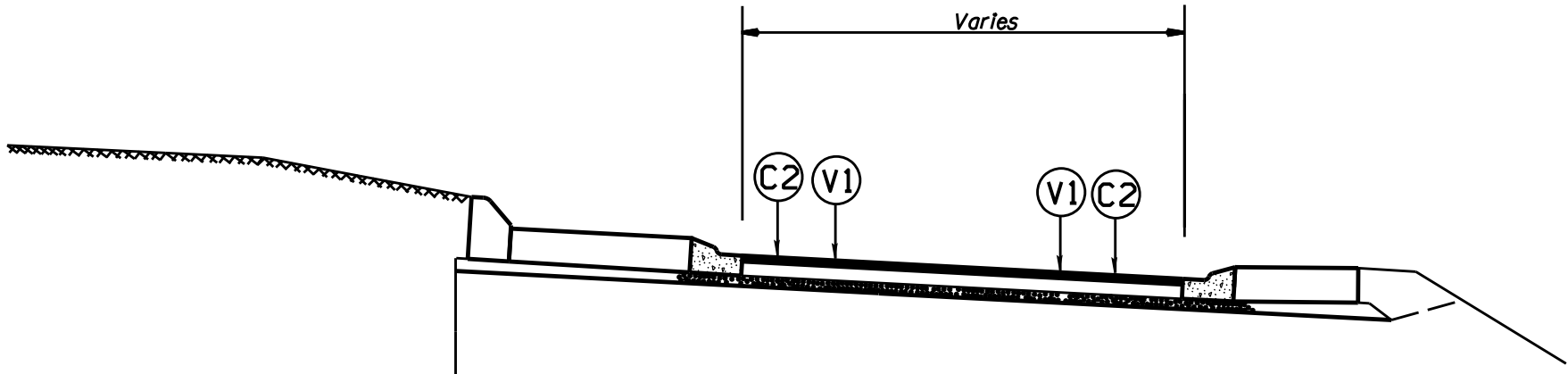


TYPICAL SECTION NO. 4

MAP 2 -SR 1002 CABARRUS AVENUE W.
STA. 10+00 TO 24+75
STA. 24+75 TO 27+05

MAP 3 -SR 1002 CABARRUS AVENUE W.

MAP 9 - SR 2841 COMMERCE DRIVE



TYPICAL SECTION NO. 5

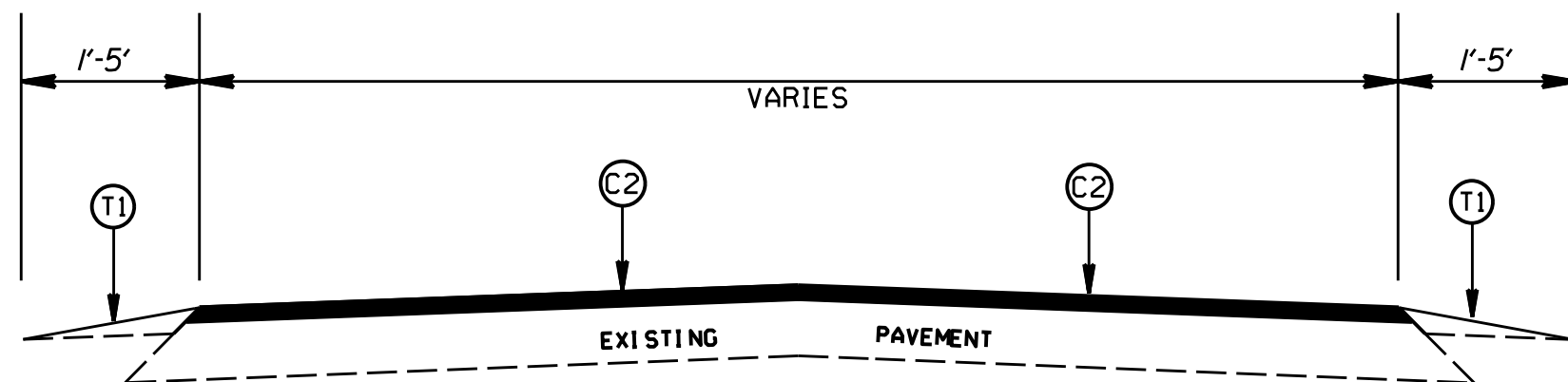
MAP 2 -SR 1002 CABARRUS AVENUE W.
STA. 24+75

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	9	18
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVG. RATE OF 224 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.50"
V2	MILLING OF EXISTING PAVEMENT, 2.00"
V3	PROFILE MILLING 0" TO 1.50"

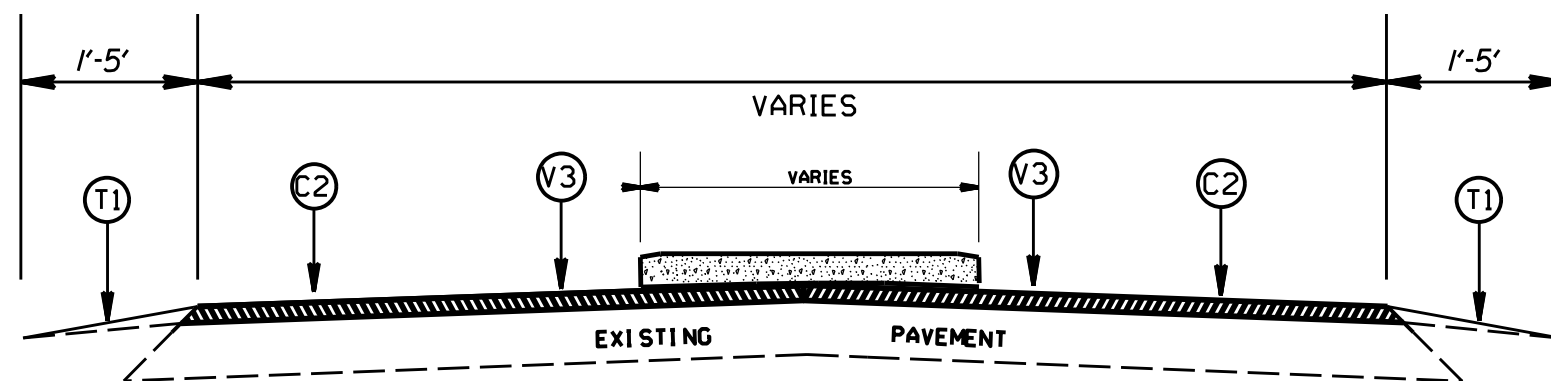
NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY RESURFACING 2027			
SCALE	-N/A-		REVISIONS
DATE	09/25		
DWG. BY	RBS		
DESIGN BY	RBS		
APPROVED			



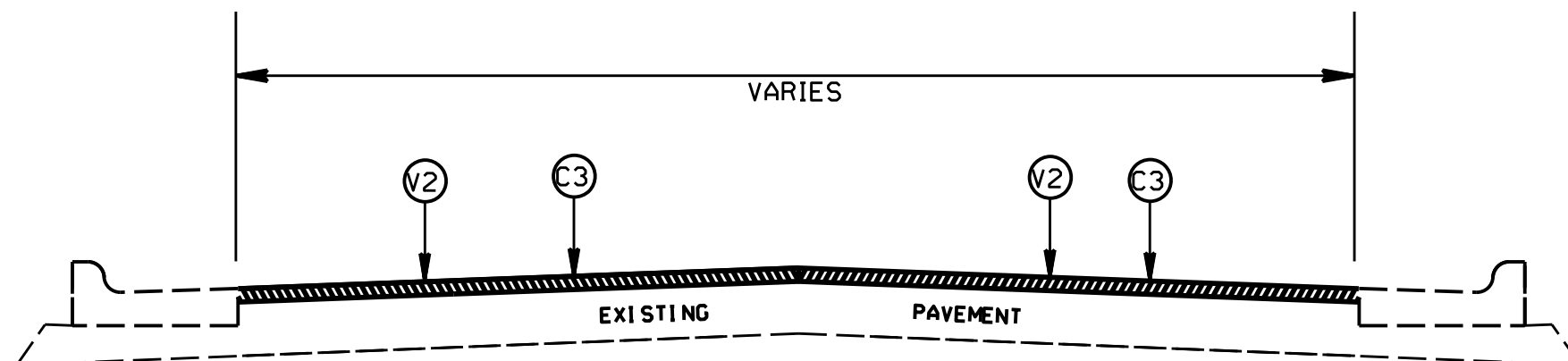
TYPICAL SECTION NO. 6

- MAP 4 - SR 1120 BETHEL CHURCH ROAD
- MAP 5 - SR 1132 OLD CAMDEN ROAD
- MAP 6 - SR 2414 ST. JOHNS CHURCH ROAD
- MAP 7 - SR 2535 SKYLAND DRIVE



TYPICAL SECTION NO. 7

MAP 4 - SR 1120 - STA. 62+74 TO 63+04



TYPICAL SECTION NO. 8

MAP 8 -SR 2823 ARMENTROUT DRIVE

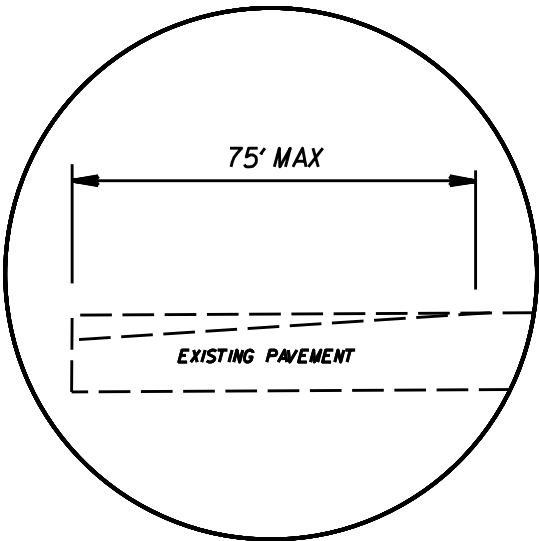
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	10	18
F.A. PROJECT NO.			

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C2	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
C3	PROP. APPROX. 2.00" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVG. RATE OF 224 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.50"
V2	MILLING OF EXISTING PAVEMENT, 2.00"
V3	PROFILE MILLING 0" TO 1.50"

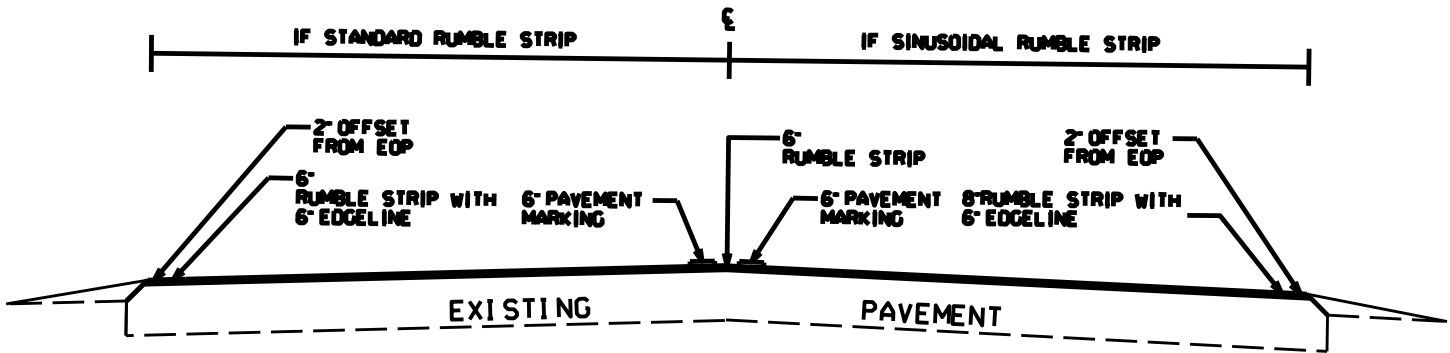
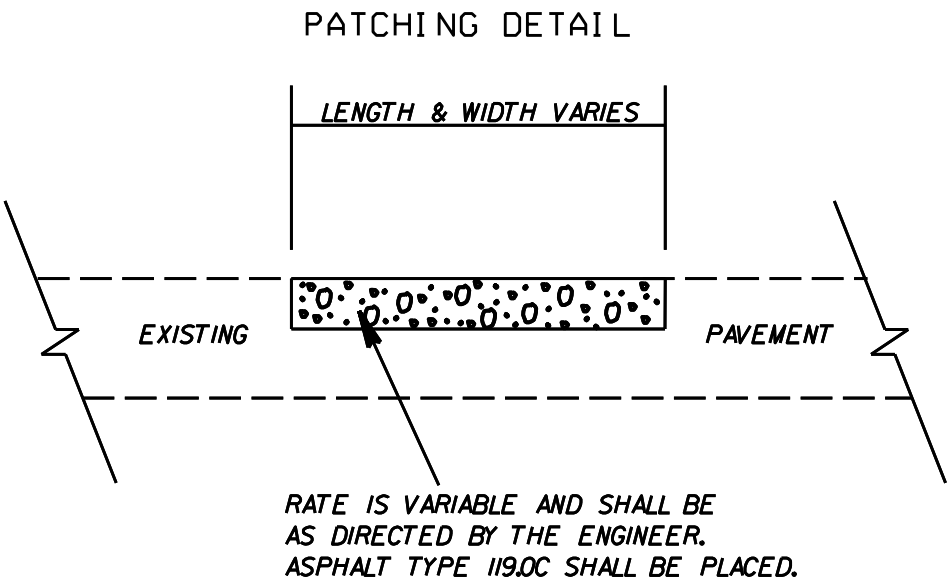
NOTES:
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

CABARRUS COUNTY RESURFACING 2027			
SCALE	NA		REVISIONS
DATE	09/25		
DWG. BY	RBS		
DESIGN BY	RBS		
APPROVED			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131 52178	11	18
F.A. PROJECT NO.			

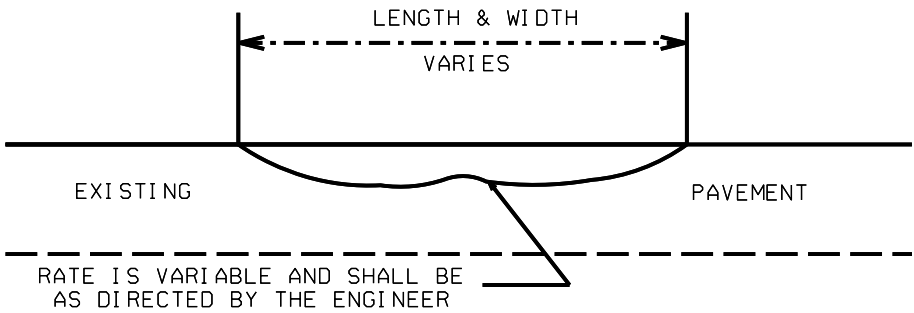


DETAIL FOR INCIDENTAL MILLING (0" TO 1.5")
TIE-IN



NC 200 RUMBLE STRIP DETAIL

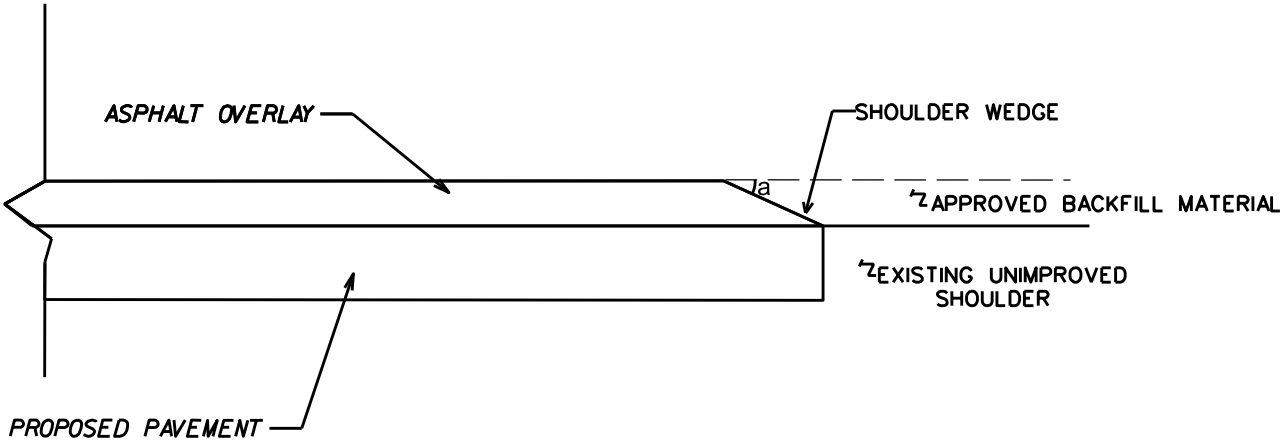
TYPE S9.5B OR S9.5C (LEVELING COURSE)



PATCHING, LEVELING, MILLING, PROFILE MILLING DETAILS			
SCALE	1/4"		REVISIONS
DATE	09/25		
DWG. BY	RBS		
DESIGN BY	RBS		
APPROVED			

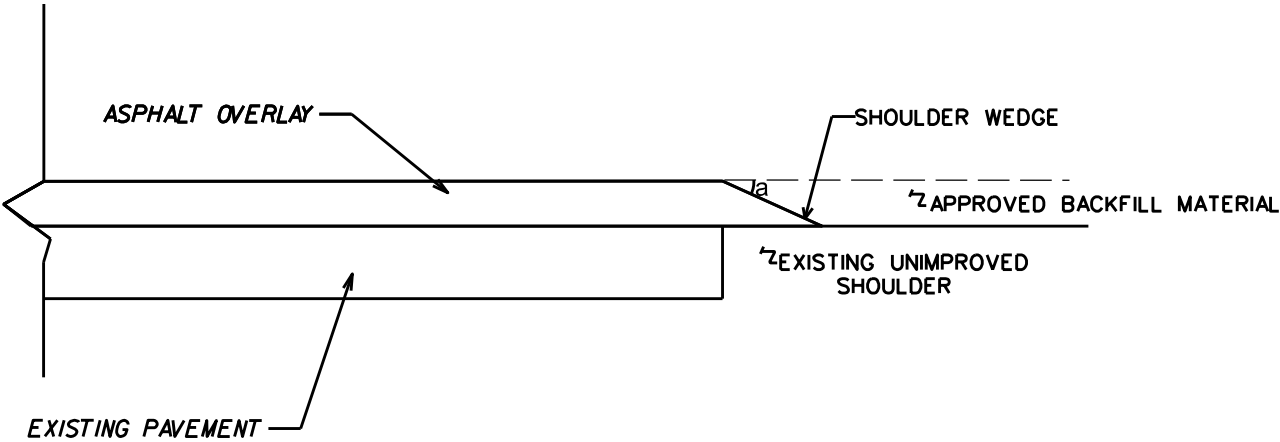
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	12	18
F.A. PROJECT NO.			



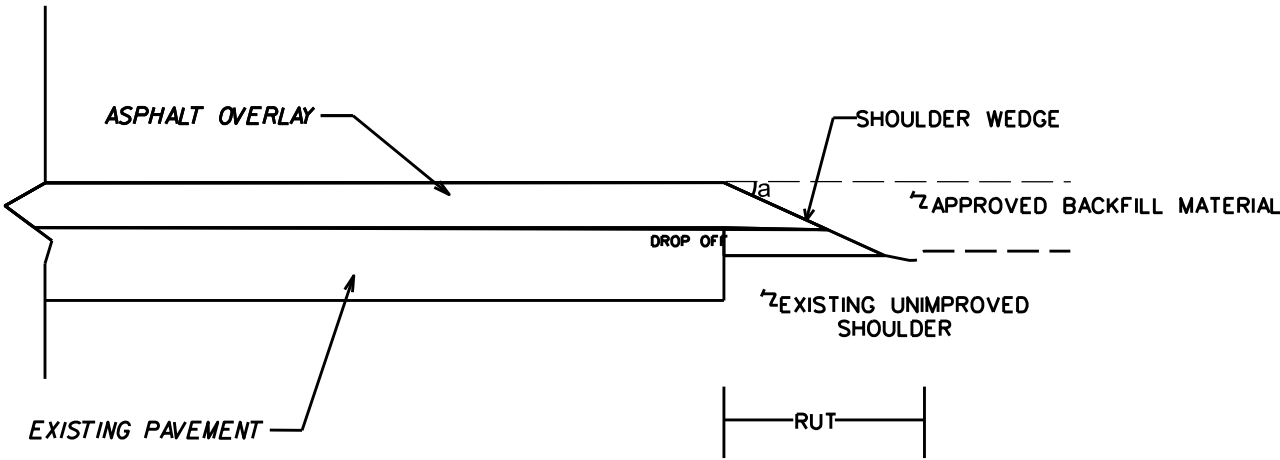
SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ WIDENING OR WITH EXISTING PAVED SHOILDER HAVING NO DROPOFFS)



SHOULDER WEDGE DETAIL

(RESURFACING PROJECTS W/ NO WIDENING)



SHOULDER WEDGE DETAIL

(RESURFACING ADJACENT TO RUTTED SHOULDER)

a = 30 DEGREES

SHOULDER WEDGE DETAILS			
SCALE	1/4"		REVISIONS
DATE	09/25		
DWG. BY	RBS		
DESIGN BY	RBS		
APPROVED			

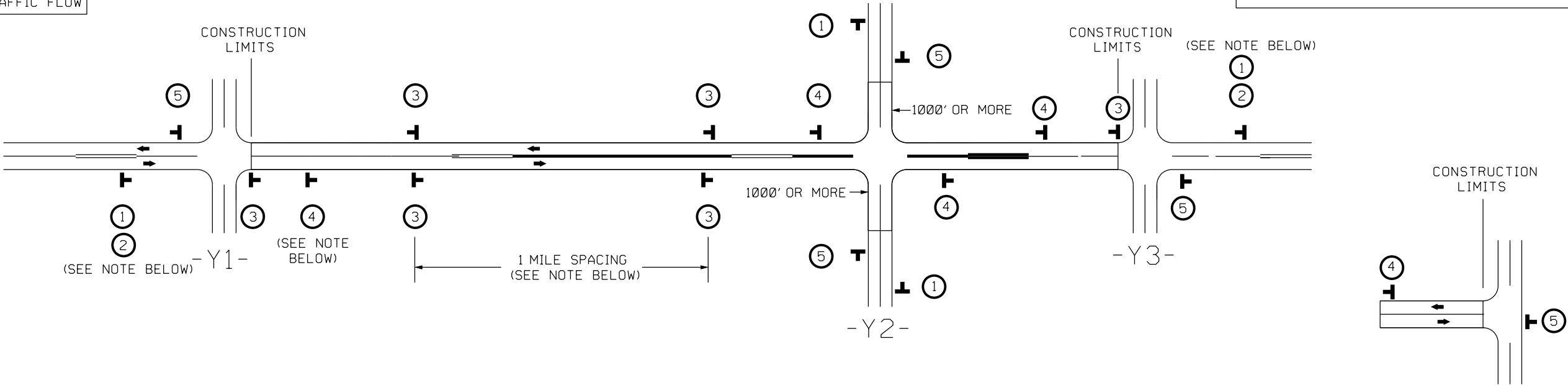
SIGNING FOR RESURFACING PROJECTS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	13	18
F.A. PROJECT NO.			

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #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)	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.
	3 - 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 - 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 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.	
LESS 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.	

DIVISION OF HIGHWAYS

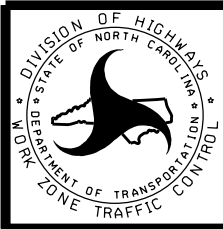
STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

PLACED 500' IN ADVANCE OF FLAGGER.

PLACED 250' IN ADVANCE OF FLAGGER.

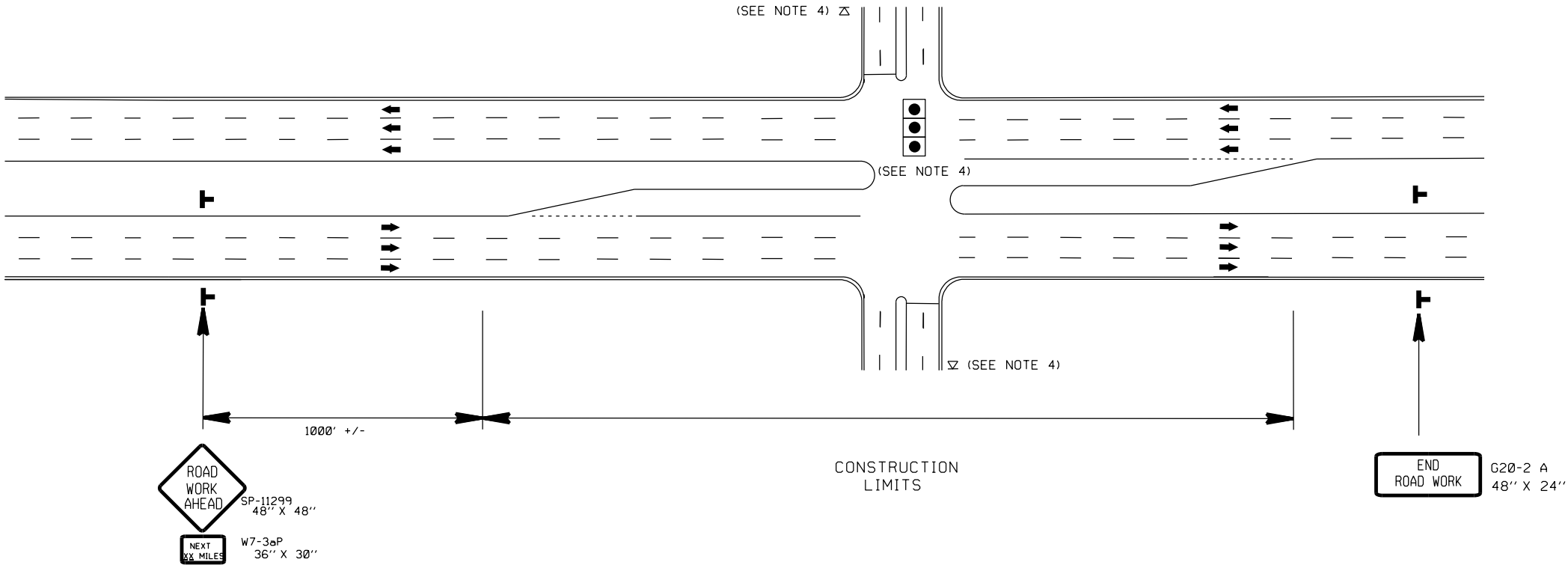


ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING

LEGEND	
STATIONARY SIGN	
DIRECTION OF TRAFFIC FLOW	

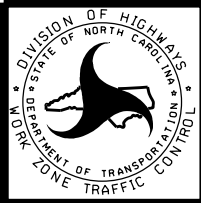
URBAN / SUBURBAN WORKZONES

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131	14	18
F.A. PROJECT NO.			



NOTES:

- 48" X 48" SIZED SIGNS (SP-11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS
- MOUNT SIGNS THAT ARE LARGET 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.
- ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 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.
- 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.
- SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 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 OR WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.



RESURFACING
ADVANCE WARNING SIGNS
FOR URBAN / SUBURBAN
FACILITIES

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.10.02.10131 2027CPT.10.02.20131 52178	16	18
F.A. PROJECT NO.			

ENGINEER'S NOTES

- ON MAPS WITH CONCRETE BRIDGES, REPLACE 4" COLD APPLIED PLASTIC PAVEMENT MARKING LINES ON THE BRIDGE, BUT DO NOT OVERLAY IT.
- REPLACE THE BICYLCE LANE SYMBOLS AS THEY ARE ON THE CABARRUS AVE W. MAPS.
- LEVELING TO BE PLACED AS DIRECTED BY THE ENGINEER.
- PATCHING TO BE PLACED AS DIRECTED BY THE ENGINEER.
- DO NOT PLACE RUMBLE STRIP AT EOP WHERE THERE IS CURB AND GUTTER.

