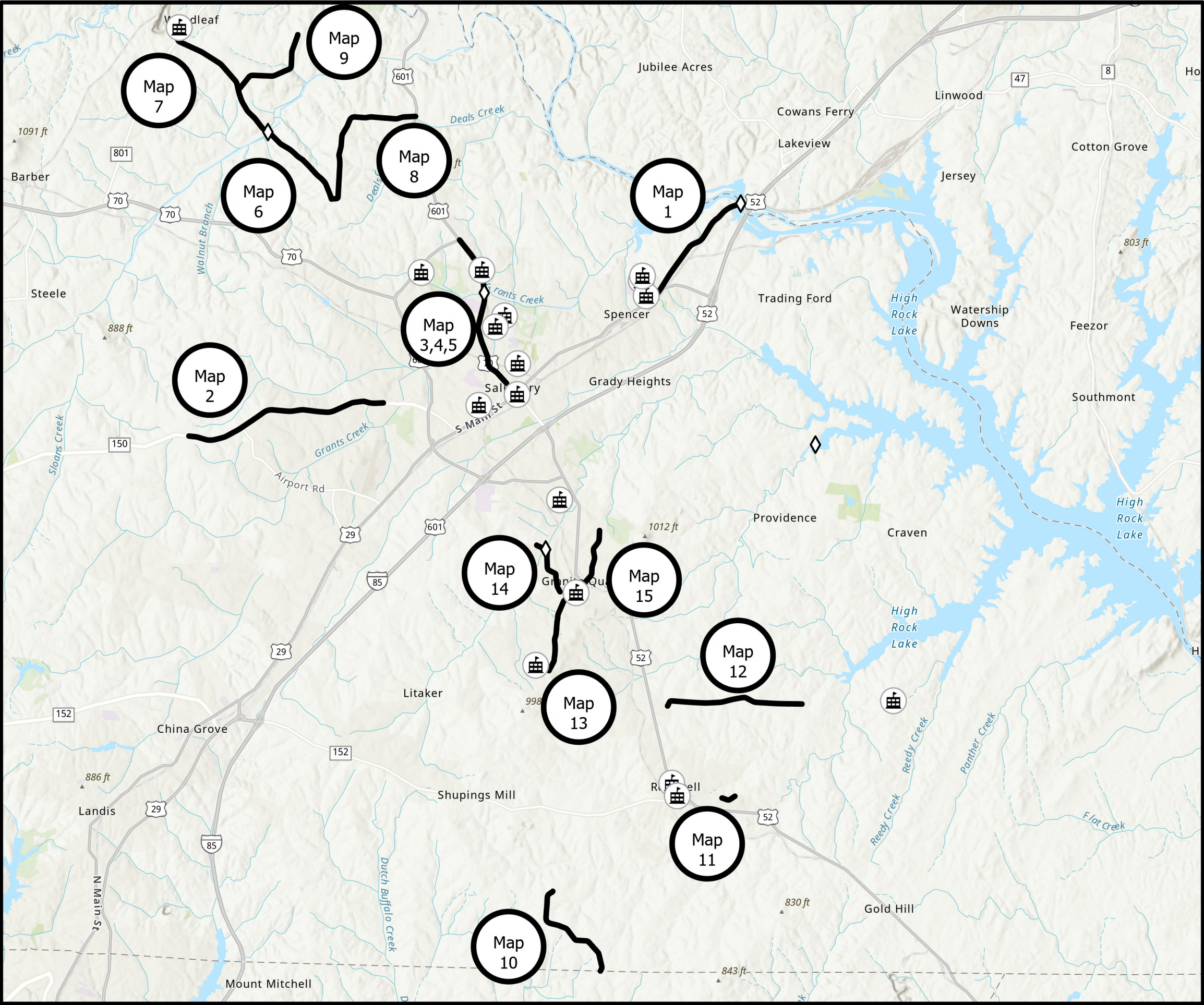




PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	TITLE

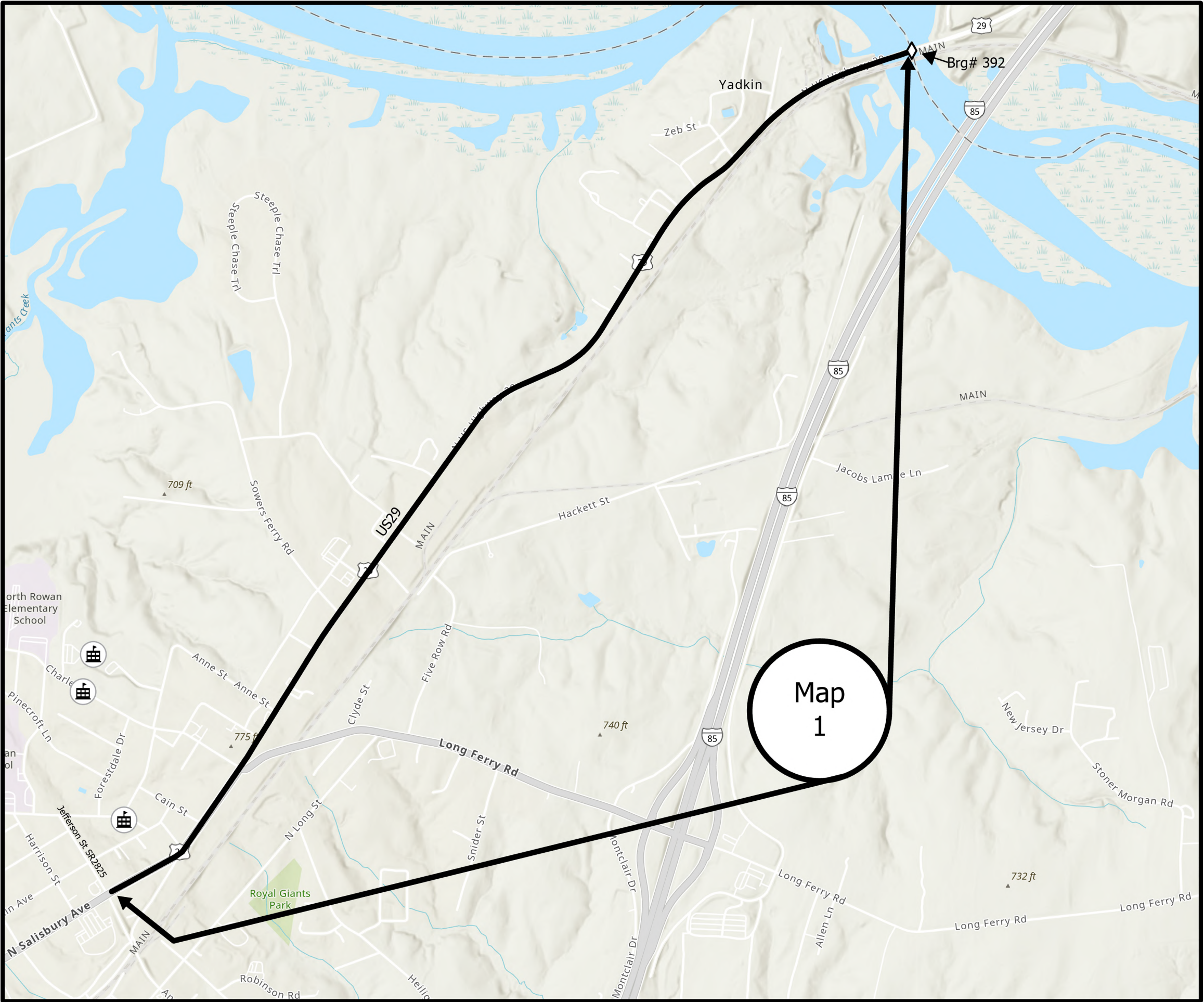
- Map 1 US29
- Map 2 NC150
- Map 3 SR2200 W Innes St
- Map 4 SR2200 W Innes St
- Map 5 SR2200 W Innes St
- Map 6 SR2048 Woodleaf Rd
- Map 7 SR2048 Woodleaf Rd
- Map 8 SR1945 Gheen Rd
- Map 9 SR1947 Campbell Rd
- Map 10 SR2489 Organ Church Rd
- Map 11 SR2339 Gold Hill Ave
- Map 12 SR2375 Gold Knob Rd
- Map 13 SR2312 E Bank St
- Map 14 SR2312 Barringer St
- Map 15 SR2308 E Lyerly St

Legend

Rowan

-  Bridges
-  Schools
-  Roads 2027





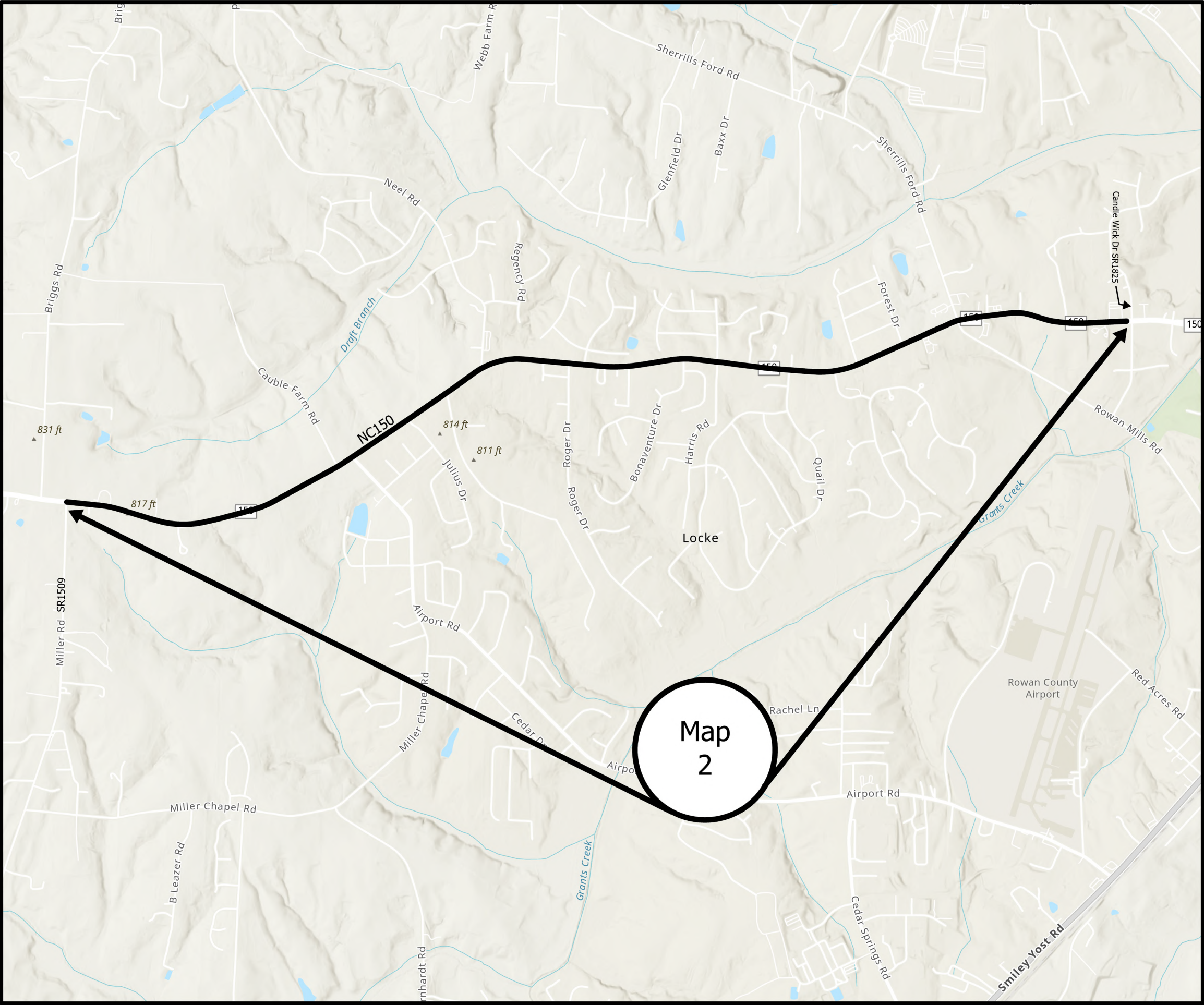
PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	2

Map 1 US29 from Jefferson St SR2825 to
Davidson County line Brg# 392
Mill 1 1/2" entire width
Pave 1 1/2" S9.5C

Legend

Rowan

- ◊ Bridges
- 🏫 Schools
- Roads 2027



PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	3

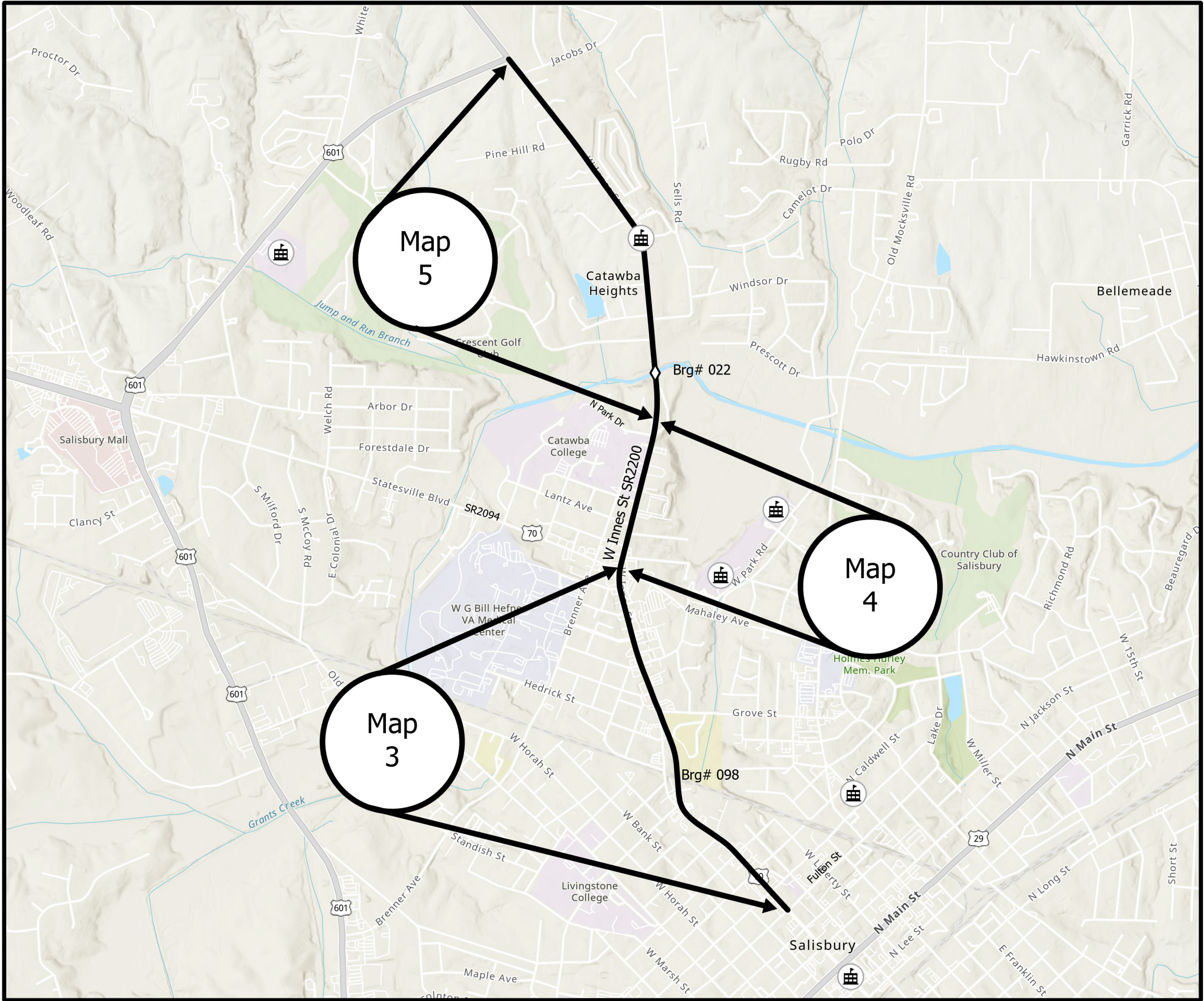
Map 2 NC150 from pvt joint at Miller Rd
SR1509 to pvt joint at Candlewick Dr
SR1825
Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

Legend

Rowan

-  Bridges
-  Schools
-  Roads 2027





PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	4

Map 3 SR2200 W Innes St from pvt joint at Fulton St to pvt joint at Statesville Blvd SR2094

Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

Map 4 SR2200 W Innes St from pvt joint at Statesville Blvd SR2094 to end of curb and gutter at N park Dr

Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

Map 5 SR2200 W Innes St from end of curb and gutter at N Park Dr to pvt joint US601

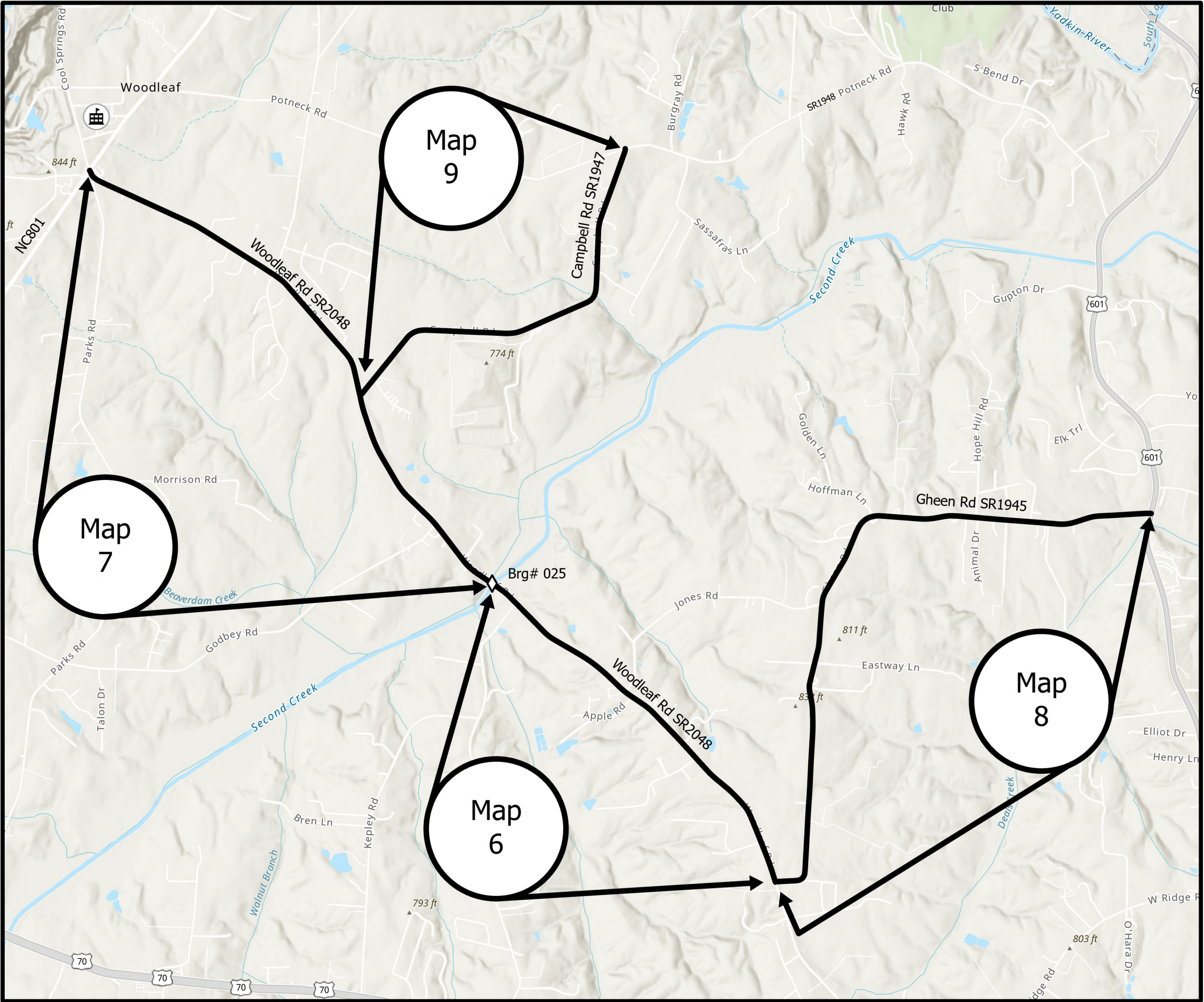
Matcoat #67 Stone (all matcoat placed to be covered with asphalt pavement by the end of each workday)
Pave 1 1/2" S9.5B

Legend

Rowan

-  Bridges
-  Schools
-  Roads 2027





PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	5

Map 6 SR2048 Woodleaf Rd from pvt joint
at Gheen Rd SR1945 to Brg#025
Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

Map 7 SR2048 Woodleaf Rd from Brg#
025 to NC801
Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

Map 8 SR1945 Gheen from Woodleaf Rd
SR2048 to US601
Mill 0-1 1/2" incidental milling beginning,
end and a all SR intersections
Matcoat #67 Stone (all matcoat placed to
be covered with asphalt pavement by the
end of each workday)
Pave 1 1/2" S9.5B

Map 9 SR1947 Campbell Rd from
Woodleaf Rd SR2048 to Potneck Rd
SR1948
Mill 0-1 1/2" incidental milling beginning,
end and at all SR intersections
Pave 1 1/2" S9.5B

Legend

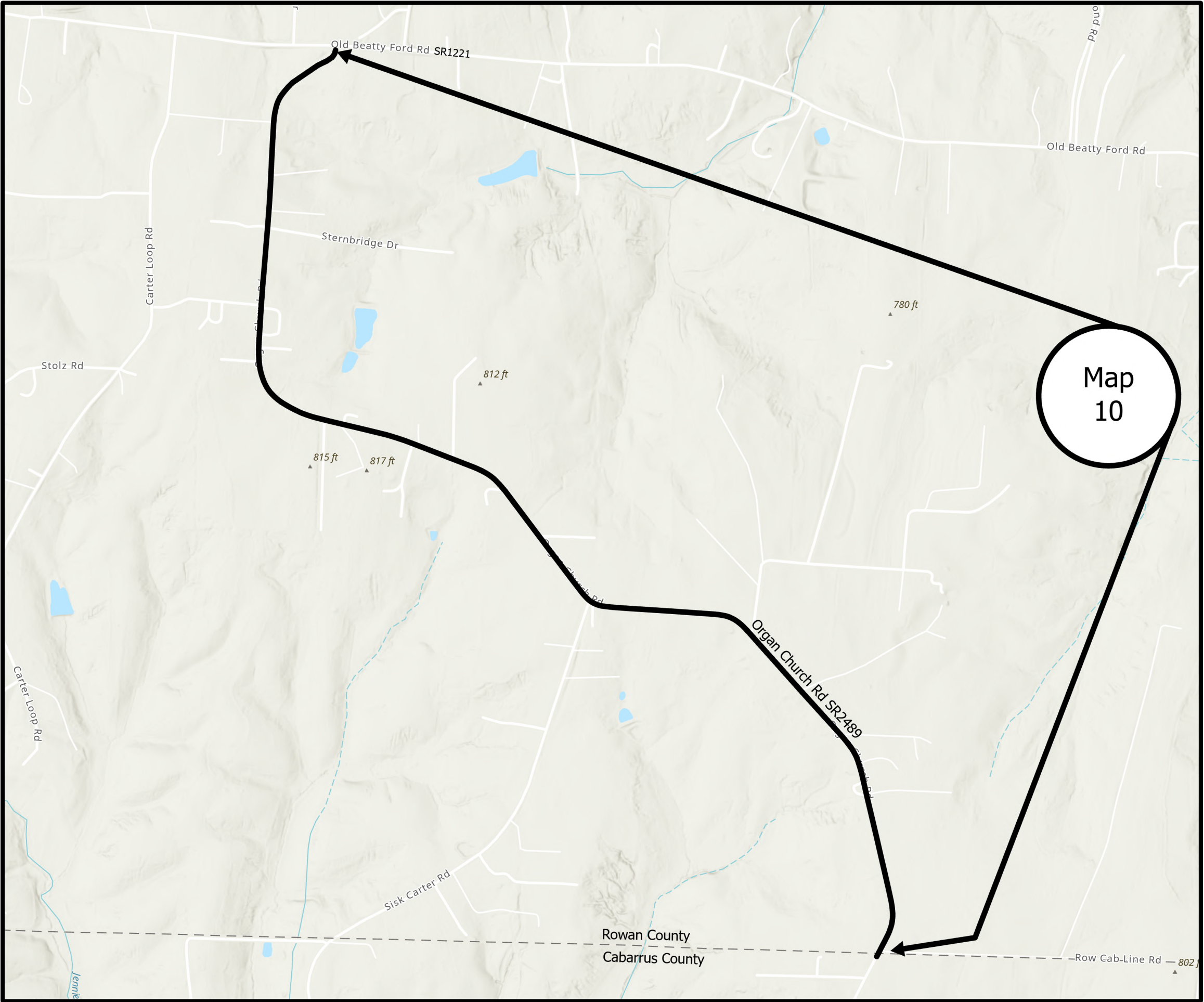
Rowan

- ◊ Bridges
- 🏫 Schools
- Roads 2027



PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	6

Map 10 SR2489 Organ Church Rd from
Old Beatty Ford Rd SR1221 to Cabarrus
County line
Mill 0-1 1/2" incidental milling beginning,
end and at all SR intersections
Pave 1 1/2" S9.5B



Legend

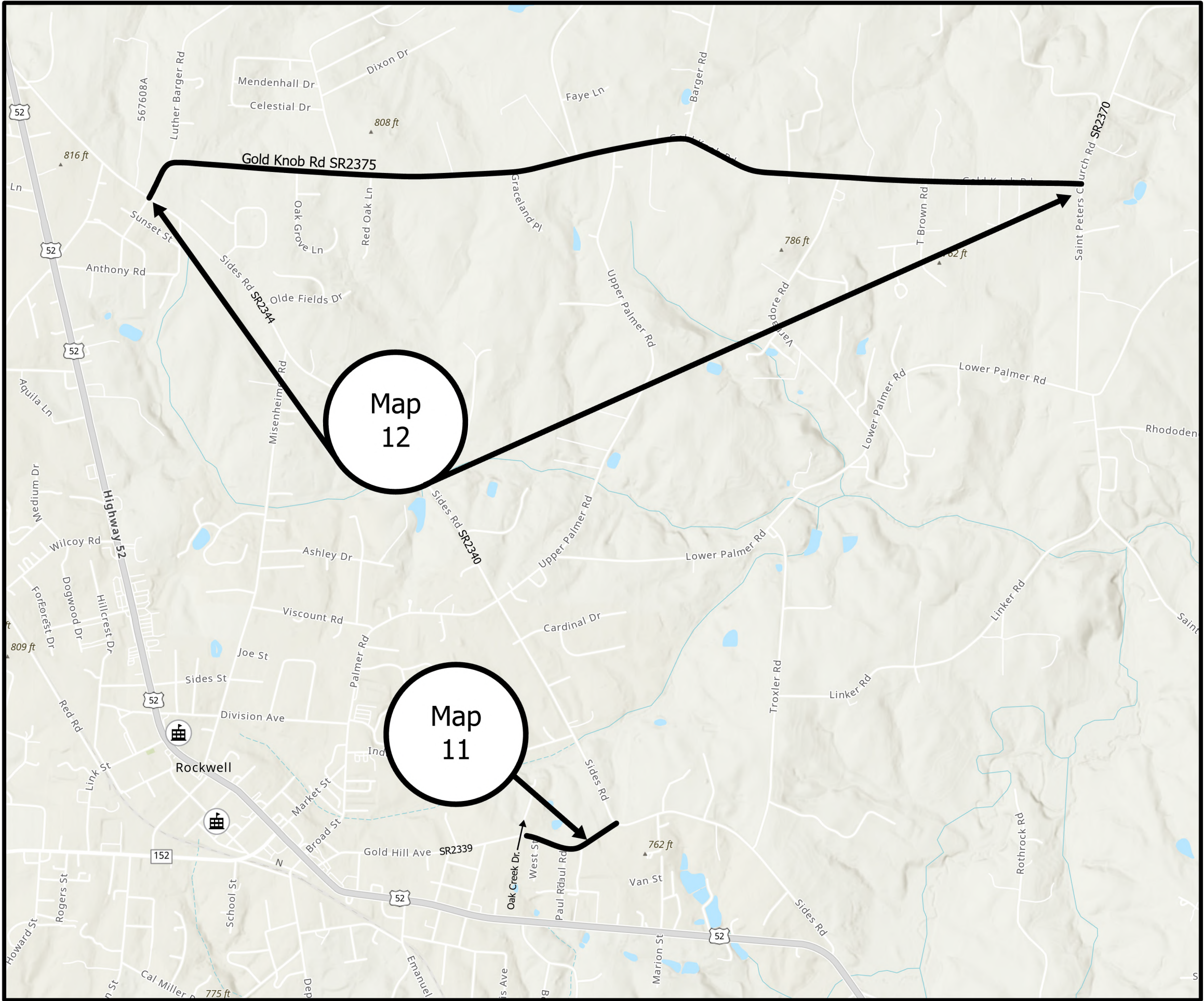
Rowan

- ◊ Bridges
- 🏫 Schools
- Roads 2027

PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	7

Map 11 SR2339 Gold Hill Ave from end of
curb and gutter at Oak Creek Dr. to Sides
Rd SR2340
Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

Map 12 SR2375 Gold Knob Rd from Sides
Rd SR2344 to St Peters Church Rd SR2370
Mill 1 1/2" entire width
Pave 1 1/2" S9.5B

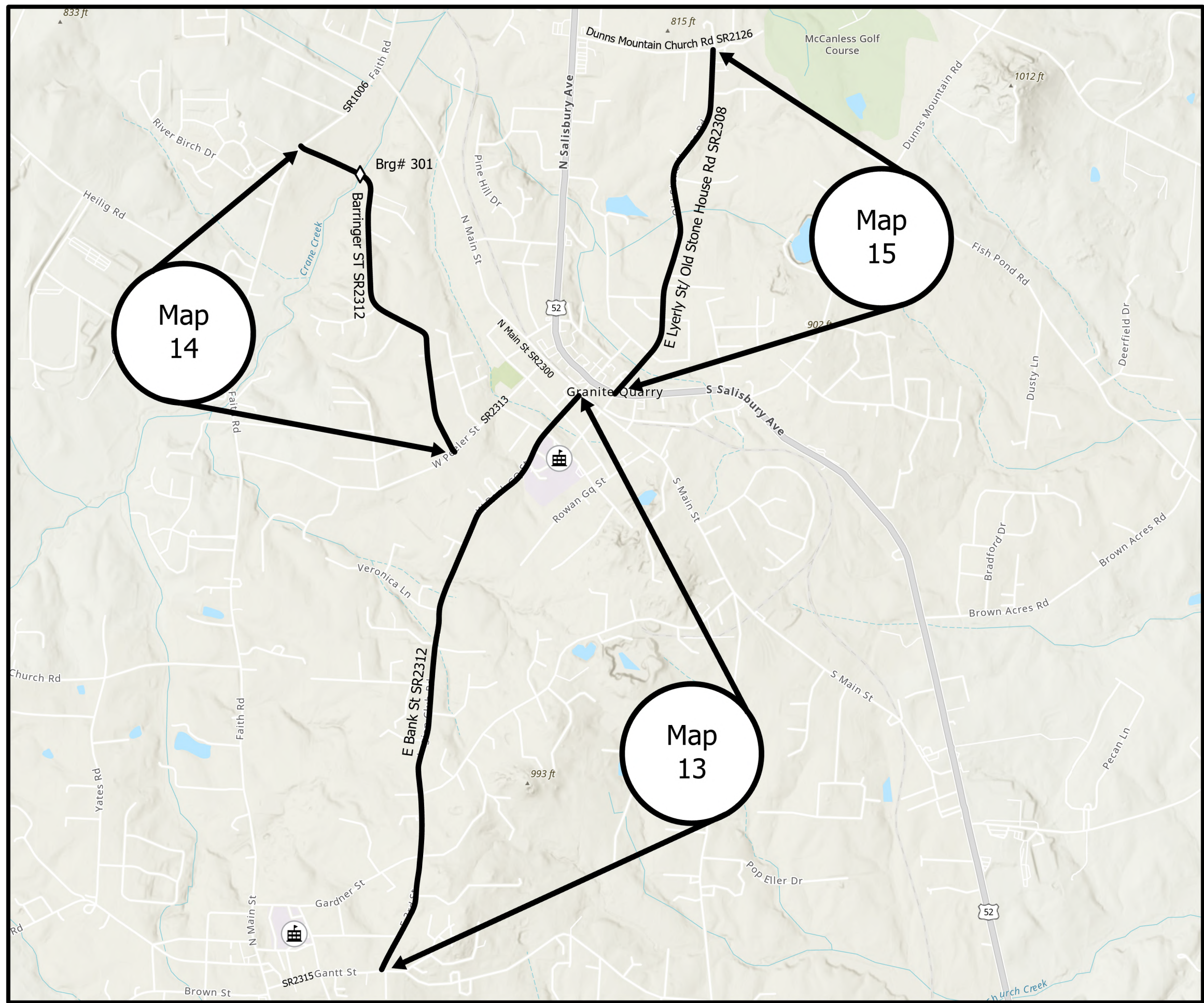


Legend

Rowan

- Bridges
- Schools
- Roads 2027





PROJECT REFERENCE NO.	SHEET NO.
2027CPT.09.07.10801 2027CPT.09.07.20801	8

Map 13 SR2314 E Bank St from Main St SR2300 to Gantt St SR2315
Mill 1 1/2" entire width (ONLY Curb and Gutter Section)
Mill 0- 1 1/2" incidental milling beginning, end and at all SR intersections (ONLY ribbon Paving Section)
Pave 2" I19C intermediate leveling course (ONLY Ribbon Paving Section)
Pave 1 1/2" S9.5B (entire map)

Map 14 SR2312 Barringer St from Faith Rd SR1006 to W Peeler St SR2313
Mill 0-1 1/2" incidental milling beginning, end and at all SR intersections
Matcoat #67 stone (all matcoat placed to be covered with asphalt pavement by the end of each workday)
Pave 1 1/2" S9.5B

Map 15 SR2308 E Lyerly St/ Old Stone House Rd from US52 to Dunns Mountain Rd SR2126
Mill 0-1 1/2" incident milling beginning, end and at all SR intersections
Matcoat #67 stone (all matcoat placed to be covered with asphalt pavement by the end of each workday)
Pave 1 1/2" S9.5B

Legend

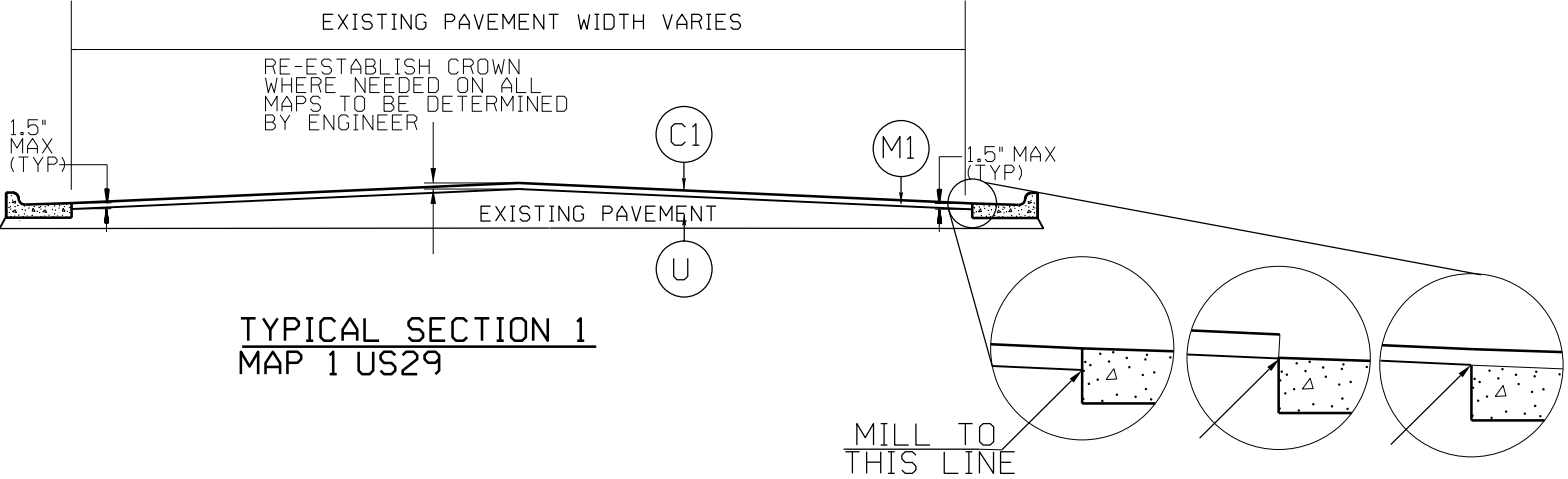
Rowan

 Bridges

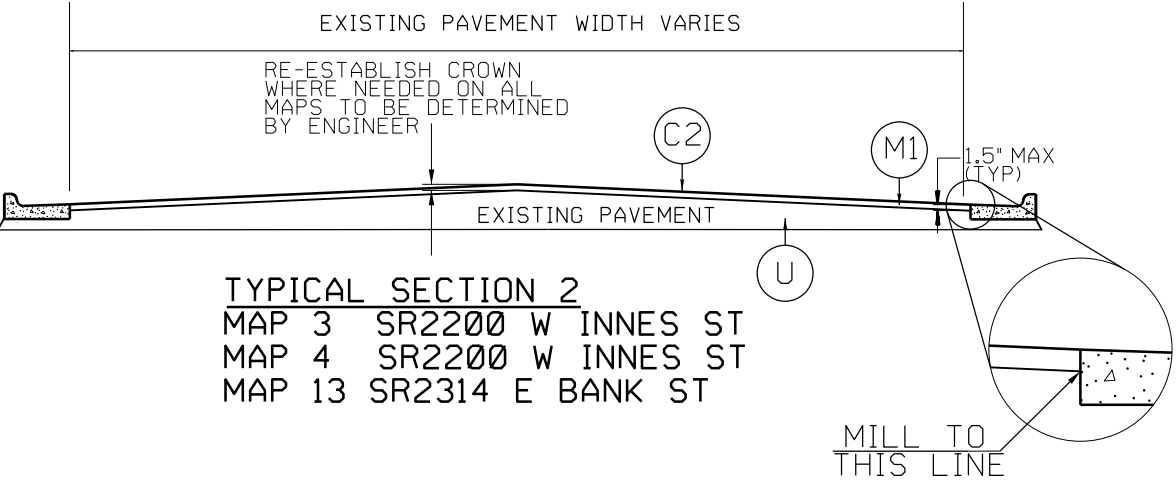
 Schools

 Roads 2027

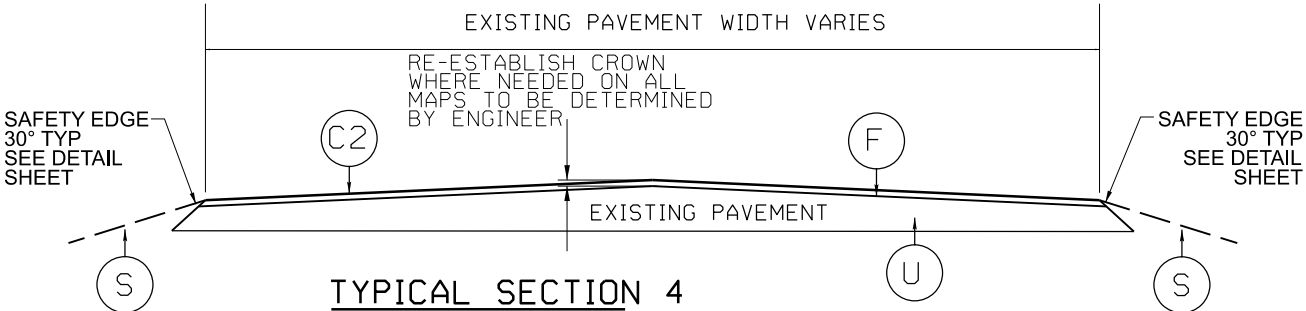




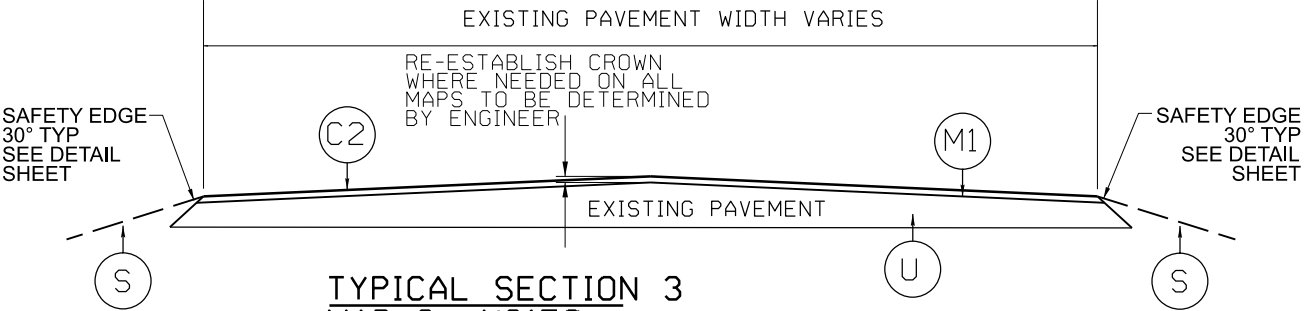
TYPICAL SECTION 1
MAP 1 US29



TYPICAL SECTION 2
MAP 3 SR2200 W INNES ST
MAP 4 SR2200 W INNES ST
MAP 13 SR2314 E BANK ST

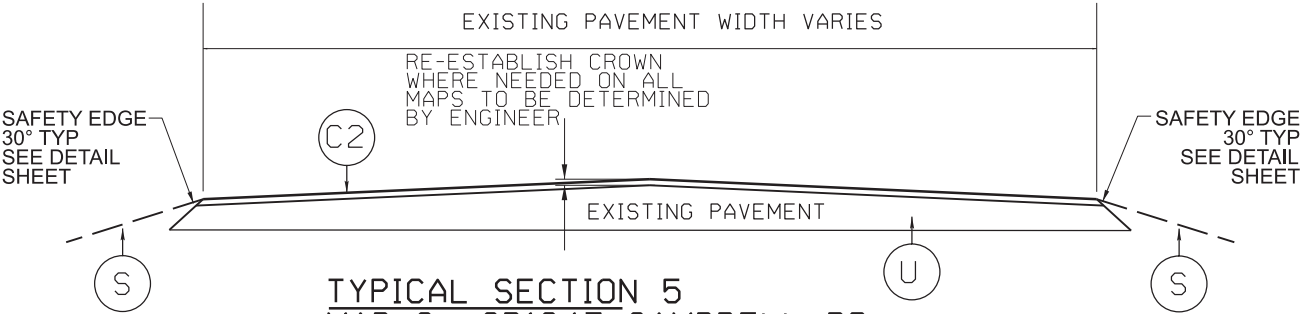


TYPICAL SECTION 4
MAP 5 SR2200 E INNES ST
MAP 8 SR1945 GHEEN RD
MAP 14 SR2312 BARRINGER ST
MAP 15 SR2308 E LYERLY ST/ OLD STONE HOUSE RD

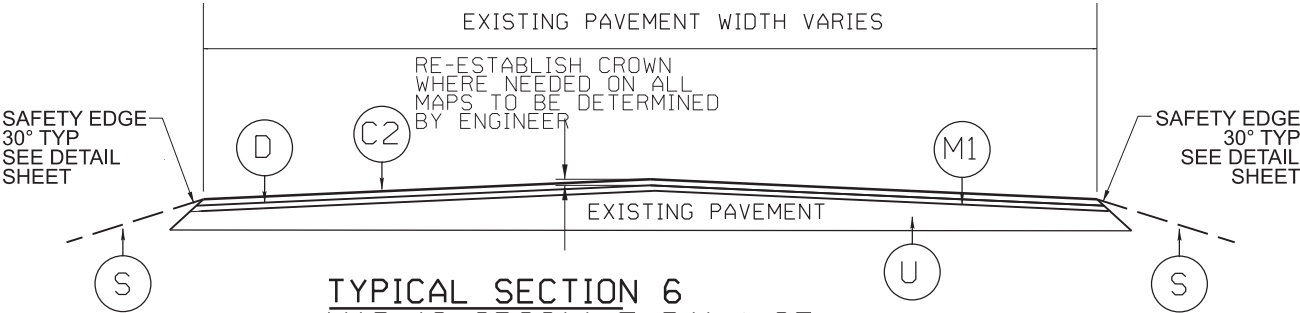
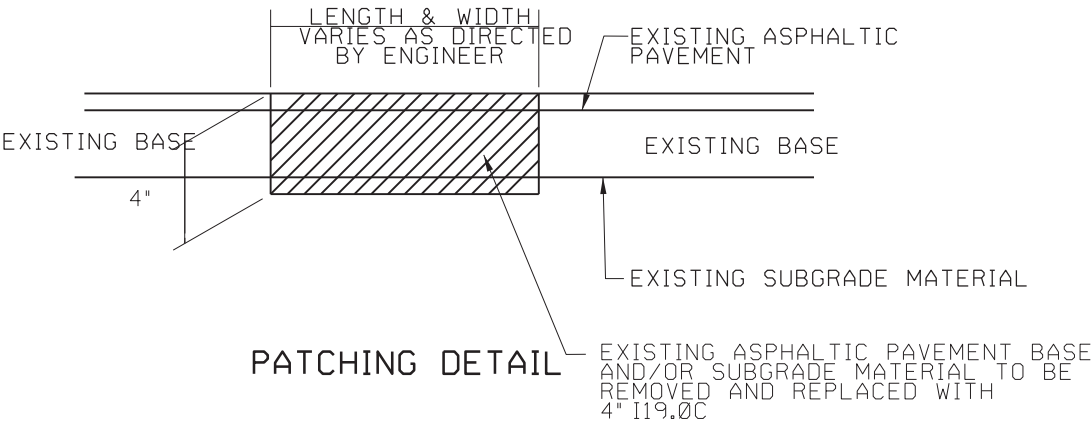


TYPICAL SECTION 3
MAP 2 NC150
MAP 6 SR2048 WOODLEAF RD
MAP 7 SR2048 WOODLEAF RD
MAP 11 SR2339 GOLD HILL AVE
MAP 12 SR2375 GOLD KNOB RD

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
D	PROP. APPROX. 2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19C, TO BE APPLIED AT AN AVERAGE RATE OF 228 LBS PER SQ YD.
F	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE TO BE APPLIED AT AN AVERAGE OF 18 LBS/PER SQ YD. EMULSION RATE OF 0.38 GAL/PER SQ YD. ALL MATCOAT TO BE COVERED WITH ASPHALT CONCRETE SURFACE MIX BY END OF EACH WORK DAY
M1	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT

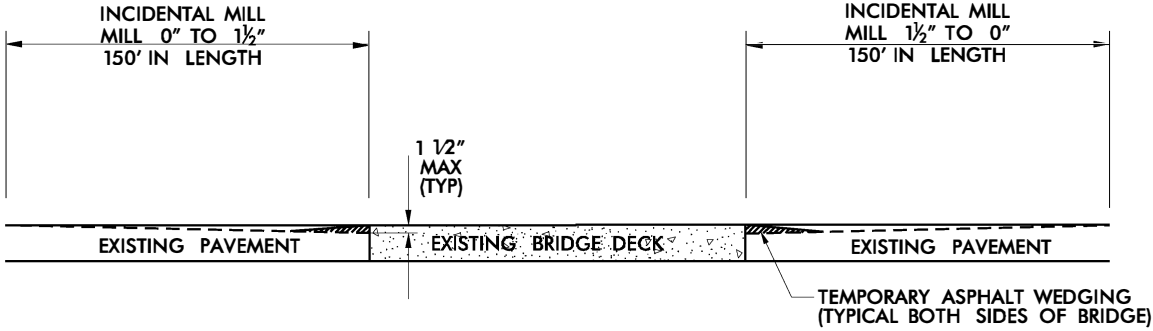


TYPICAL SECTION 5
MAP 9 SR1947 CAMPBELL RD
MAP 10 SR2489 ORGAN CHURCH RD

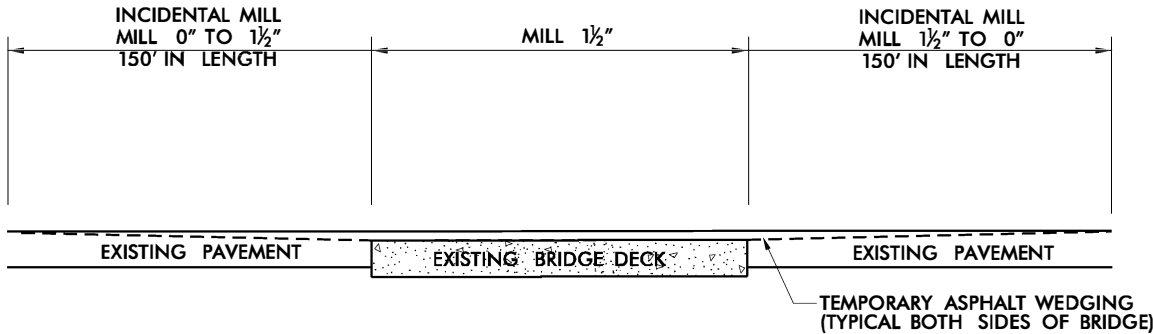


TYPICAL SECTION 6
MAP 13 SR2314 E BANK ST

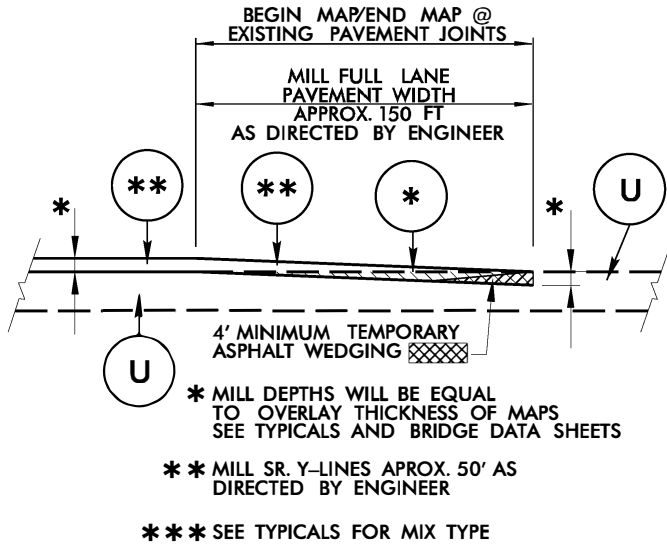
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, TO BE APPLIED AT AN AVERAGE RATE OF 165 LBS PER SQ YD.
D	PROP. APPROX. 2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19C, TO BE APPLIED AT AN AVERAGE RATE OF 228 LBS PER SQ YD.
F	ASPHALT SURFACE TREATMENT, MATCOAT, #67 STONE TO BE APPLIED AT AN AVERAGE OF 18 LBS/PER SQ YD. EMULSION RATE OF 0.38 GAL/PER SQ YD. ALL MATCOAT TO BE COVERED WITH ASPHALT CONCRETE SURFACE MIX BY END OF EACH WORK DAY
M1	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT



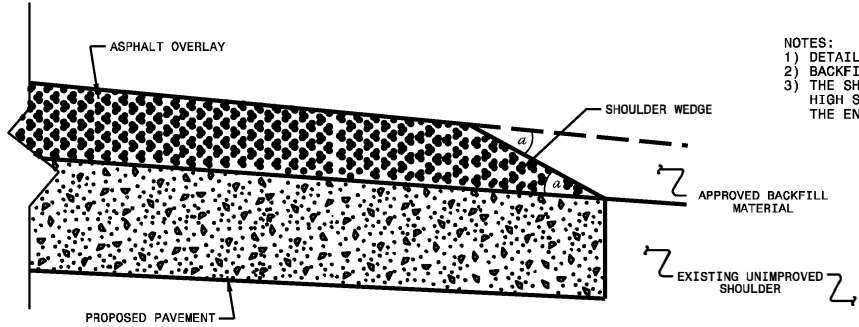
**INCIDENTAL MILLING
BRIDGE APPROACHES**
(SEE BRIDGE DATA SHEET)



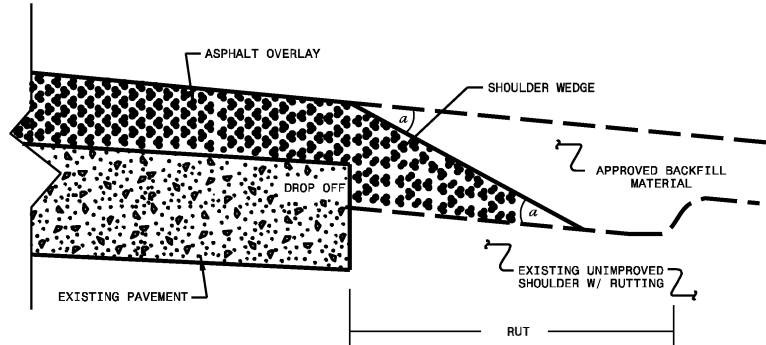
**INCIDENTAL MILLING
BRIDGE APPROACHES**
(SEE BRIDGE DATA SHEET)



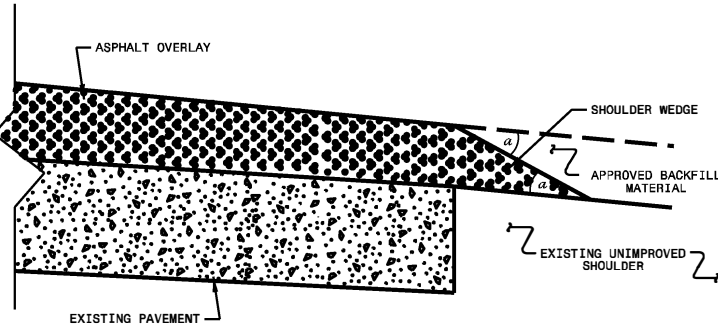
INCIDENTAL TIE-IN MILLING DETAIL



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)

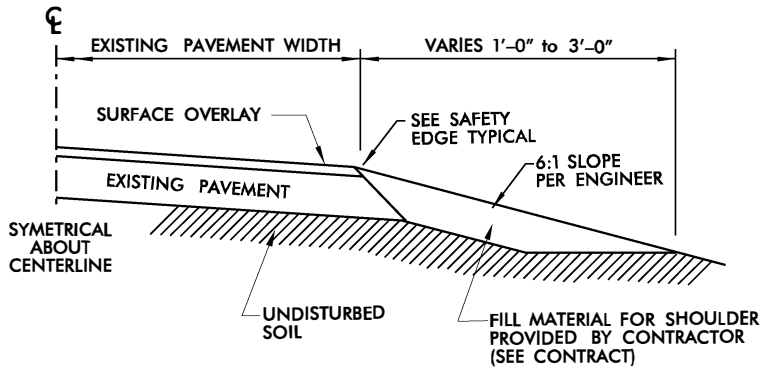


SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)

*** NOTE: MILL AND PAVE
UP TO R x R ROW***

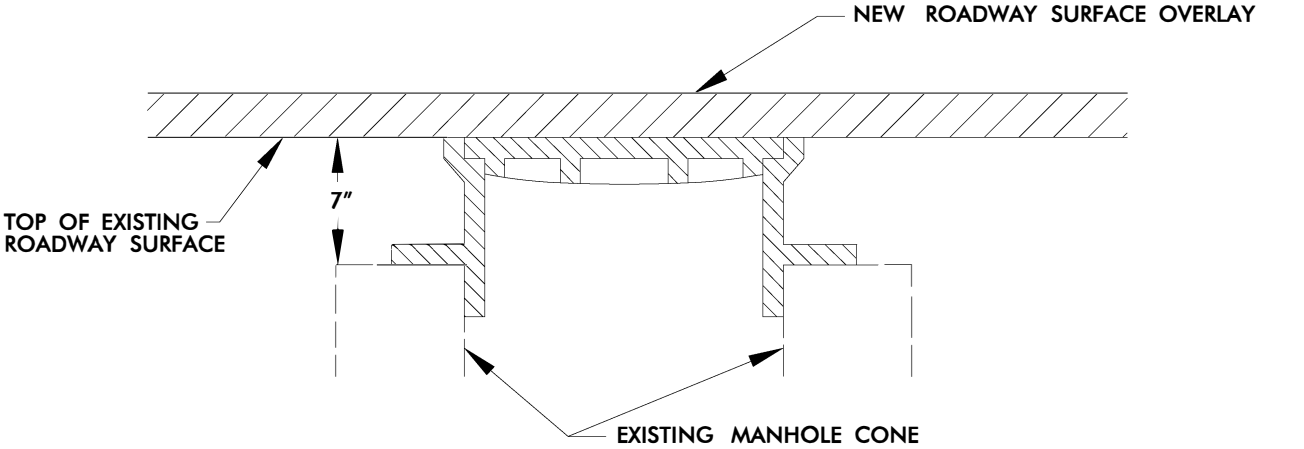


SHOULDER RECONSTRUCTION

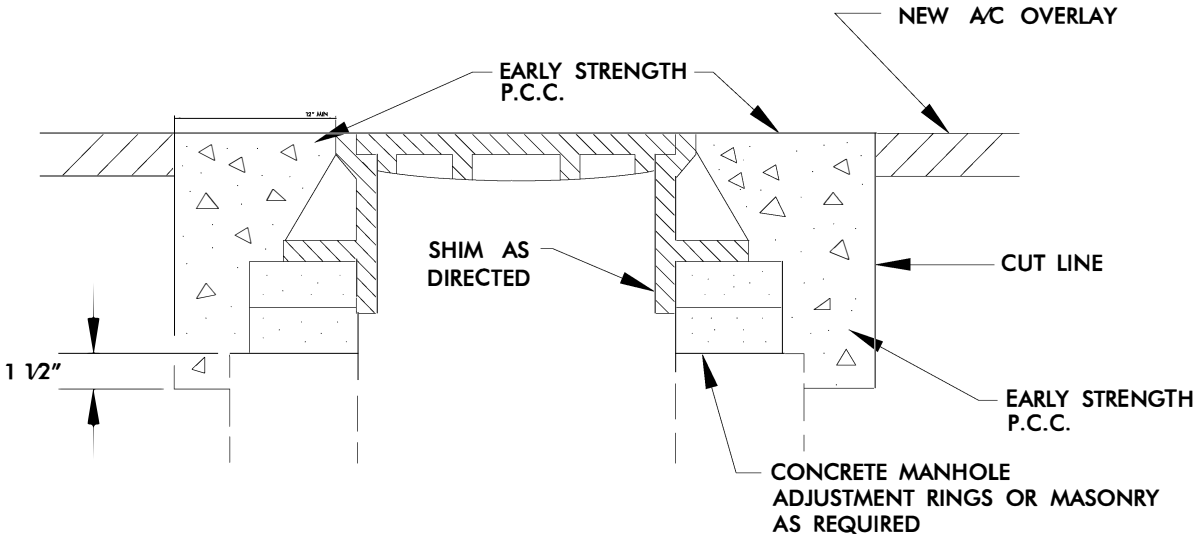
CONSTRUCTION NOTES:

1. ALL QUANTITIES ARE "ESTIMATED" AS INDICATED IN THE "SUMMARY OF QUANTITIES".
2. CONSTRUCTION SHALL PROGRESS IN PHASES, IN THE ORDER INDICATED BELOW:

PHASE 1 – MILLING AND PATCHING (WHEN REQUIRED)
PHASE 2 – SURFACE OVERLAY
PHASE 3 – SHOULDER DROP-OFF REPAIR (AS NEEDED AND DIRECTED BY ENGINEER)
PHASE 4 – UTILITY ADJUSTMENTS (MANHOLE RING/COVER, VALVE/METER BOX RING/COVER, CATCH BASIN GRATE/COVER, DROP INLET GRATE/COVER, ETC.) WHEN REQUIRED.
3. BRIDGES THAT HAVE FLOOR DRAINS, SHALL HAVE ALL FLOOR DRAINS LEFT OPEN. EXTRA CARE SHALL BE EXERCISED IN MILLING (IF REQUIRED) AND IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE.
4. TEMPORARY ASPHALT WEDGING SHALL BE PLACED ON THE SAME DAY THAT BRIDGE AND/OR RAILROAD APPROACHES ARE MILLED (AND IF APPROACHES ARE MILLED PRIOR TO BRIDGE DECK).
5. FOR TWO-LANE ROADWAYS – IT SHALL BE UNDERSTOOD THAT TYPICALLY ON A ROADWAY MEASURING 20 FEET OR LESS IN WIDTH, THE CENTER OF THE WHITE EDGELINE SHALL BE LOCATED SIX INCHES FROM THE EDGE OF PAVEMENT ON EITHER SIDE OF THE ROADWAY; ON A ROADWAY MEASURING 22 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 10 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 24 FEET IN WIDTH, TRAVEL LANES SHALL MEASURE 11 FEET AND THE WHITE EDGELINE SHALL BE LOCATED ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE; ON A ROADWAY MEASURING 26 FEET OR MORE IN WIDTH, TRAVEL LANES SHALL MEASURE 12 FEET AND THE WHITE EDGELINE SHALL BE LOCATED NO LESS THAN ONE FOOT FROM THE EDGE OF PAVEMENT ON EITHER SIDE. THIS SHALL BE STANDARD PRACTICE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. PAPER JOINTS ARE TO BE PLACED BETWEEN DAYS OF PAVING OPERATIONS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SECTION 610-11.
7. ALL MILLED AREAS WILL BE PAVED WITHIN 72 HOURS UNLESS APPROVED BY THE ENGINEER.
8. REPLACE ANY PORTION OF STOP BARS AND OTHER PAVEMENT MARKINGS AT ANY INTERSECTION INCLUDING Y-LINES NOT ACTUALLY BEING PAVED OVER, THAT ARE OBLITERATED BY THE PAVING OPERATION EITHER BY HAULING WHEEL TRACKS OR TACK TRUCK BY THE END OF EACH RESURFACING OPERATION



STEP 1



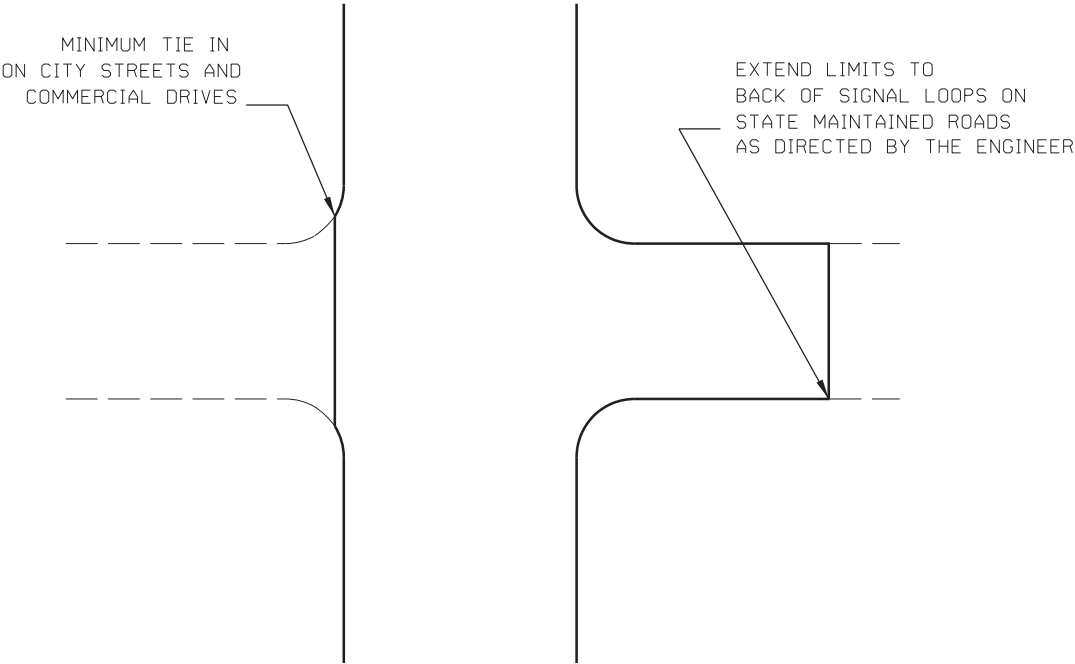
STEPS 2,3, & 4

- STEP 1 COVER EXISTING MANHOLE WITH APPROVED MATERIAL AND CONSTRUCT OVERLAY ACROSS TOP OF MANHOLE
- STEP 2 SAW CUT EXCAVATION AROUND MANHOLE 12" MIN. FROM MANHOLE FRAME.
- STEP 3 RAISE MANHOLE FRAME RINGS TO FINISH PAVEMENT PROFILE AND CROSS SLOPE.
- STEP 4 BACKFILL WITH EARLY STRENGTH P.C.C. TO DEPTHS AS DIRECTED.

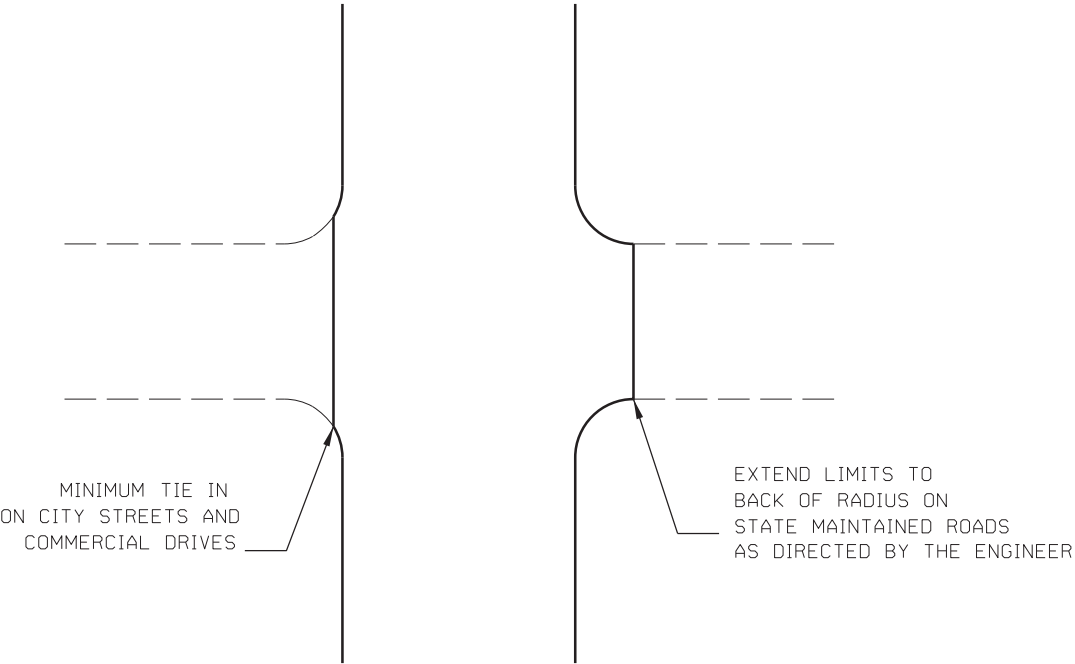
MANHOLE ADJUSTMENT DETAIL

BRIDGE DATA

									PROJECT NO.	SHEET NO.	
									2027CPT.09.07.10801 2027CPT.09.07.20801	13	
Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Horizontal Clearance Under (Ft.)	Vertical Clearance Under	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance
1	US29,US70,NC150	US29, US70, NC150	392	Yadkin River	8 3/4" RC SLAB	32	NA	NA	873	NA	DO NOT PAVE DO NOT MILL
3	SR2200	E. Innes ST	98	Southern RxR	10" RC SLAB	N/A	53	MMVC 15.50, MVC 15.25	135	NA	Mill 1 1/2", Pave 1 1/2"
5	SR2200	E. Innes ST	22	Grants Creek	SLAB	32	NA	NA	155	NA	DO NOT PAVE DO NOT MILL
6&7	SR2048	Woodleaf Rd	25	Second Creek	PAVED	33	NA	NA	255	NA	Mill 1 1/2", Pave 1 1/2"
14	SR2312	Barringer St	301	Crane Creek	PPC.CS/3.7" AWS	27.17	NA	NA	70	NA	Mill 1 1/2", Pave 1 1/2"



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)		
Extend paving limits to back of radius or loop on the following intersections:		
MAP#	STREET NAME	DIEMENSIONS
MAP#1	SR1937 Fieldcrest Cannon	29.5x60
MAP#1	SR1933 Peace	18x25
MAP#1	SR1932 Brown Yadkin	17x36
MAP#1	SR1931 Yadkin Baptist Church	18x30
MAP#1	SR1931 Yadkin Baptist Church	23x40
MAP#1	SR1919 Sowers	23x35
MAP#1	SR214 Hackett	23x32
MAP#1	SR2120 Long Ferry	32x66
MAP#2	SR1825 Candlewick	27x33
MAP#2	SR1526 Sherills Ford	28x91
MAP#2	SR1526 Rowan Mill	24x60
MAP#2	SR1781 Forrest	21x47
MAP#2	SR1810 Home	21x37
MAP#2	SR1600 Quial	30x38
MAP#2	SR1833 Windmill	46x34
MAP#2	SR1589 Harris	21x34

ADDITIONAL INTERSECTIONS (NON-TYPICAL)		
Extend paving limits to back of radius or loop on the following intersections:		
MAP#	STREET NAME	DIEMENSIONS
MAP#2	SR1635 Bonaventure	14x21
MAP#2	SR1635 Bonaventure	14x21
MAP#2	SR1561 Goodman	19x38
MAP#2	SR1812 HiddenHut	30x18
MAP#2	SR1812 HiddenHut	30x18
MAP#2	SR1597 Roger	25x54
MAP#2	SR1729 Neel	23x78
MAP#2	SR1515 John Rainey	22x60
MAP#2	SR1609 Julius	21x40
MAP#2	SR1514 Airport	27x62
MAP#2	SR1732 Couble Farm	24x30
MAP#3	SR2094 Statesville Blvd	60x125
MAP#5	SR2057 Jacobs	21x64
MAP#5	SR1940 Pine Hill	19x29
MAP#5	SR1939 Wagonneer	20x49
MAP#5	SR1911 Sells	23.5x30
MAP#6	SR1954 Goodson	24x41
MAP#6	SR1946 Jones	25x71
MAP#6	SR2017 Apple	26x50
MAP#6	SR2065 Earnest Milker	21x40
MAP#6	SR1955 Klutz Rd	21x40
MAP#6	SR1940 Gheen	26x70
MAP#7	SR1951 Parks	41x64
MAP#7	SR1949 Wetmore	25x42
MAP#7	SR2813 Lochshire	38x18
MAP#7	SR2813 Lochshire	38x18
MAP#7	SR1947 Campbell	29x67
MAP#7	SR1952 Godbey	22x36
MAP#8	SR2039 Hope Hill	21x40
MAP#8	SR1946 Jones	21x50
MAP#9	SR2098 Old Oak	25x50
MAP#10	SR2361 Row/Cab Co	22x32
MAP#10	SR2566 Sisk Carter	22x70
MAP#10	SR2629 Hobby Farm	19x41
MAP#12	SR2372 T Browm	20x30
MAP#12	SR2373 Vaenadore	23x60
MAP#12	SR2377 Barger Rd	25x60
MAP#12	SR2341 Upper Palmer	21x40
MAP#12	SR2476 Adrian	14.5x35
MAP#12	SR2476 Adrian	14.5x35

ADDITIONAL INTERSECTIONS (NON-TYPICAL)

Extend paving limits to back of radius
or loop on the following intersections:

[illegible]

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.09.07.10801	17	
2027CPT.09.07.20801		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1523000000-E	1575000000-E	1704000000-E	1775500000-E	1838000000-E	1880000000-E	2830000000-N	2845000000-N	5255000000-N					
								MI	FT			TONS	SMI	TON	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	SY	GAL	TON	EA	EA	LS			
2027CPT.09.07.10801	Rowan	1	US-29	FROM JEFFERSON ST SR2825 TO DAVIDSON COUNTY LINE BRG#392	1	3	MU	2.750	27-47	17.590	20.340				71,340	1,458		6,994	413				6	4							
TOTAL FOR MAP NO. 1							2.750								71,340	1,458		6,994	413				6	4							
2027CPT.09.07.10801	Rowan	2	NC-150	FROM PVT JOINT AT MILLER RD SR1509 TO PVT JIONT AT CANDLE WICK DR SR1825	3	2,3	2WU	4.105	24.5	10.685	14.790	138	8.21	1,585	61,099	5,296	6,079		404	175											
TOTAL FOR MAP NO. 2							4.105					138	8.21	1,585	61,099	5,296	6,079		404	175											
TOTAL FOR PROJ NO. 2027CPT.09.07.10801							6.855					138	8.21	1,585	132,439	6,754	6,079	6,994	817	175			6	4							
2027CPT.09.07.20801	Rowan	3	SR-2200 / W INNES ST	FROM PVT JOINT AT FULTON ST TO PVT JOINT AT STATESVILLE BLVD SR2094	2	4,5	MU	1.295	41-65	1.195	2.490				32,417	4,291	3,474		226				60	42	1						
TOTAL FOR MAP NO. 3							1.295								32,417	4,291	3,474		226				60	42	1						
2027CPT.09.07.20801	Rowan	4	SR-2200 / W INNES ST	FROM PVT JOINT AT STATESVILLE BLVD SR2094 TO END OF CURB AND GUTTER AT N PARK DR	2	2,5	MU	0.455	28-64	2.490	2.945				7,355	3,123	1,000		65				10	16							
TOTAL FOR MAP NO. 4							0.455								7,355	3,123	1,000		65				10	16							
2027CPT.09.07.20801	Rowan	5	SR-2200 / W INNES ST	FROM END OF CURB AND GUTTER AT N PARK DR TO PVT JOINT AT US601	4	2,3	2WU	1.385	22.5-49	2.945	4.330	90	2.77	535		4,638	2,121		138		22,445	8,529									
TOTAL FOR MAP NO. 5							1.385					90	2.77	535		4,638	2,121		138		22,445	8,529									
2027CPT.09.07.20801	Rowan	6	SR-2048 / WOODLEAF RD	FROM PVT JOINT AT GHEEN RD SR1945 TO BRG#025	3	2	2WU	1.860	26.5	2.350	4.210	135	3.72	718	29,757	1,172	2,836		193	175											
TOTAL FOR MAP NO. 6							1.860					135	3.72	718	29,757	1,172	2,836		193	175											
2027CPT.09.07.20801	Rowan	7	SR-2048 / WOODLEAF RD	FROM BRG#025 TO NC801	3	2	2WU	2.650	26.5	4.210	6.860	150	5.30	1,023	41,998	1,664	4,073		276	225				2							
TOTAL FOR MAP NO. 7							2.650					150	5.30	1,023	41,998	1,664	4,073		276	225				2							
2027CPT.09.07.20801	Rowan	8	SR-1945 / GHEEN RD	FROM WOODLEAF RD SR2048 TO NC601	4	2	2WU	3.030	22	0.010	3.040	220	6.06	1,170		1,029	3,751		264	425	39,317	14,862									
TOTAL FOR MAP NO. 8							3.030					220	6.06	1,170		1,029	3,751		264	425	39,317	14,862									
2027CPT.09.07.20801	Rowan	9	SR-1947 / CAMPBELL RD	FROM WOODLEAF RD SR2048 TO POTNECK RD SR1948	5	2	2WU	1.860	25	0.010	1.870	93	3.72	718		1,015	2,592		197	600											
TOTAL FOR MAP NO. 9							1.860					93	3.72	718		1,015	2,592		197	600											
2027CPT.09.07.20801	Rowan	10	SR-2489 / ORGAN CHURCH RD	FROM OLD BEATTY FORD RD SR1221 TO CABARRUS CO. LINE	5	2	2WU	2.270	22.5-40	0.010	2.280	150	4.54	876		1,300	2,991		252	1,200											
TOTAL FOR MAP NO. 10							2.270					150	4.54	876		1,300	2,991		252	1,200											
2027CPT.09.07.20801	Rowan	11	SR-2339 / GOLD HILL AV	FROM END CURB AND GUTTER AT OAK CREEK DR TO SIDES RD SR2340	3	2	2WU	0.280	21	0.620	0.900	33	0.56	108	3,450		329		24	50											
TOTAL FOR MAP NO. 11							0.280					33	0.56	108	3,450		329		24	50											
2027CPT.09.07.20801	Rowan	12	SR-2375 / GOLD KNOB RD	FROM SIDES RD SR2344 TO ST PETERS CHURCH RD SR2370	3	2	2WU	2.730	22-25	0.010	2.740	126	5.46	1,054	36,858	1,824	3,645		259	450											
TOTAL FOR MAP NO. 12							2.730					126	5.46	1,054	36,858	1,824	3,645		259	450											
2027CPT.09.07.20801	Rowan	13	SR-2314 / E BANK ST	FROM MAIN ST SR2300 TO GANTT ST SR2315	2, 6	2	2WU	1.905	19-22	0.055	1.960	90	3.43	648	1,773	990	2,047		133			112	6	2							
TOTAL FOR MAP NO. 13							1.905					90	3.43	648	1,773	990	2,047		133			112	6	2							
2027CPT.09.07.20801	Rowan	14	SR-2312 / BARRINGER ST	FROM FAITH RD SR1006 TO W. PEELER ST SR2313	4	2	2WU	1.140	18-21	0.010	1.150	72	2.28	440		1,563	1,329		89	50	14,045	5,337	6								
TOTAL FOR MAP NO. 14							1.140					72	2.28	440		1,563	1,329		89	50	14,045	5,337	6								
2027CPT.09.07.20801	Rowan	15	SR-2308 / E LYERLY ST/ OLD STONE HOUSE RD	FROM US52 TO DUNNS MOUNTAIN CHURCH RD SR2126	4	2	2WU	1.110	22-24	0.010	1.120	33	2.22	428		888	1,405		101	200	14,730	5,337									
TOTAL FOR MAP NO. 15							1.110					33	2.22	428		888	1,405		101	200	14,730	5,337									
TOTAL FOR PROJ NO. 2027CPT.09.07.20801							21.970					1,192	40.06	7,718	153,608	23,497	31,593		2,217	3,375	90,537	34,065	112	82	62	1					
GRAND TOTAL							28.825					1,330	48.27	9,303	286,047	30,251	37,672	6,994	3,034	3,550	90,537	34,065	112	88	66	1					

Note: All quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities recieved

PROJECT NO.	SHEET NO.
2027CPT.09.07.10801	19
2027CPT.09.07.20801	

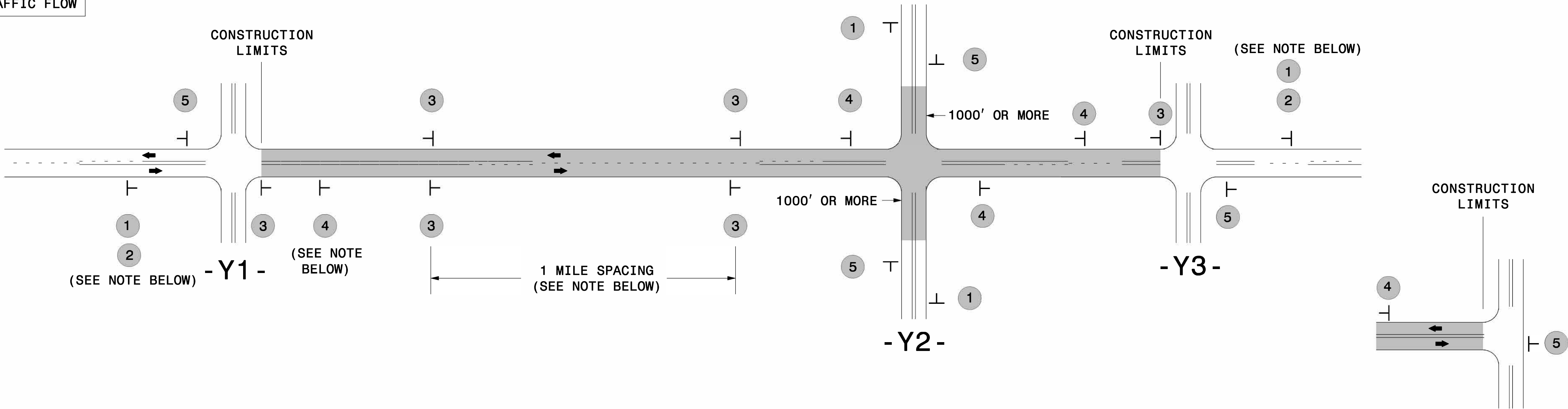
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4825000000-E	4830000000-E	4835000000-E	4840000000-N					4845000000-N					4895000000-N	
												12" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT MSG ONLY	PAINT MSG STOP	PAINT MSG AHEAD	PAINT MSG SCHOOL	PAINT MSG RXR	PAINT LT ARROW	PAINT STR & RT ARROW	PAINT MERGE ARROW	PAINT RT ARROW	PAINT STR ARROW	PAINT STR & LT ARROW	POLYCARBON ATE H-SHAPED MARKERS
								MI	FT			LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2027CPT.09.07.10801	Rowan	1	US-29	FROM JEFFERSON ST SR2825 TO DAVIDSON COUNTY LINE BRG#392	1	3	MU	2.75	27-47	17.59	20.34	375		30	8					80	1	2				250
TOTAL FOR MAP NO. 1								2.75				375		30	8					80	1	2				250
2027CPT.09.07.10801	Rowan	2	NC-150	FROM PVT JOINT AT MILLER RD SR1509 TO PVT JIONT AT CANDLE WICK DR SR1825	3	2,3	2WU	4.105	24.5	10.69	14.79			143		4	5			4	2			4	2	320
TOTAL FOR MAP NO. 2								4.105						143		4	5			4	2			4	2	320
TOTAL FOR PROJ NO. 2027CPT.09.07.10801								6.855				375		173	8	4	5			84	3	2	4	2		570
															17					95						
2027CPT.09.07.20801	Rowan	3	SR-2200 / WINNES ST	FROM PVT JOINT AT FULTON ST TO PVT JOINT AT STATESVILLE BLVD SR2094	2	4,5	MU	1.295	41-65	1.195	2.49			348						18	16			2	13	8
TOTAL FOR MAP NO. 3								1.295						348						18	16			2	13	8
2027CPT.09.07.20801	Rowan	4	SR-2200 / WINNES ST	FROM PVT JOINT AT STATESVILLE BLVD SR2094 TO END OF CURB AND GUTTER AT N PARK DR	2	2,5	MU	0.455	28-64	2.49	2.945			570				6		15						
TOTAL FOR MAP NO. 4								0.455						570				6		15						
2027CPT.09.07.20801	Rowan	5	SR-2200 / WINNES ST	FROM END OF CURB AND GUTTER AT N PARK DR TO PVT JOINT AT US601	4	2,3	2WU	1.385	22.5-48	2.945	4.33															
TOTAL FOR MAP NO. 5								1.385																		
2027CPT.09.07.20801	Rowan	6	SR-2048 / WOODLEAF RD	FROM PVT JOINT AT GHEEN RD SR1945 TO BRG#025	3	2	2WU	1.86	26.5	2.35	4.21															
TOTAL FOR MAP NO. 6								1.86																		
2027CPT.09.07.20801	Rowan	7	SR-2048 / WOODLEAF RD	FROM BRG#025 TO NC801	3	2	2WU	2.65	26.5	4.21	6.86															
TOTAL FOR MAP NO. 7								2.65																		
2027CPT.09.07.20801	Rowan	8	SR-1945 / GHEEN RD	FROM WOODLEAF RD SR2048 TO NC601	4	2	2WU	3.03	22	0.01	3.04															
TOTAL FOR MAP NO. 8								3.03																		
2027CPT.09.07.20801	Rowan	9	SR-1947 / CAMPBELL RD	FROM WOODLEAF RD SR2048 TO POTNECK RD SR1948	5	2	2WU	1.86	25	0.01	1.87															
TOTAL FOR MAP NO. 9								1.86																		
2027CPT.09.07.20801	Rowan	10	SR-2489 / ORGAN CHURCH RD	FROM OLD BEATTY FORD RD SR1221 TO CABARRUS CO. LINE	5	2	2WU	2.27	22.5-40	0.01	2.28															
TOTAL FOR MAP NO. 10								2.27																		
2027CPT.09.07.20801	Rowan	11	SR-2339 / GOLD HILL AV	FROM END CURB AND GUTTER AT OAK CREEK DR TO SIDES RD SR2340	3	2	2WU	0.28	21	0.62	0.9															
TOTAL FOR MAP NO. 11								0.28																		
2027CPT.09.07.20801	Rowan	12	SR-2375 / GOLD KNOB RD	FROM SIDES RD SR2344 TO ST PETERS CHURCH RD SR2370	3	2	2WU	2.73	22-25	0.01	2.74															
TOTAL FOR MAP NO. 12								2.73																		
2027CPT.09.07.20801	Rowan	13	SR-2314 / E BANK ST	FROM MAIN ST SR2300 TO GANIT ST SR2315	2,6	2	2WU	1.905	19-22	0.055	1.96			44				12	2							
TOTAL FOR MAP NO. 13								1.905						44				12	2							
2027CPT.09.07.20801	Rowan	14	SR-2312 / BARRINGER ST	FROM FAITH RD SR1006 TO W. PEELER ST SR2313	4	2	2WU	1.14	18-21	0.01	1.15															
TOTAL FOR MAP NO. 14								1.14																		
2027CPT.09.07.20801	Rowan	15	SR-2308 / E LYERLY ST/ OLD STONE HOUSE RD	FROM US52 TO DUNNS MOUNTAIN CHURCH RD SR2126	4	2	2WU	1.11	22-24	0.01	1.12															
TOTAL FOR MAP NO. 15								1.11																		
TOTAL FOR PROJ NO. 2027CPT.09.07.20801								21.97						44				18	2	33	16			2	13	8
															20					72						
GRAND TOTAL								28.825				375	44	1,316	8	4	5	18	2	117	19	2	6	15	8	570
															37					167						

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

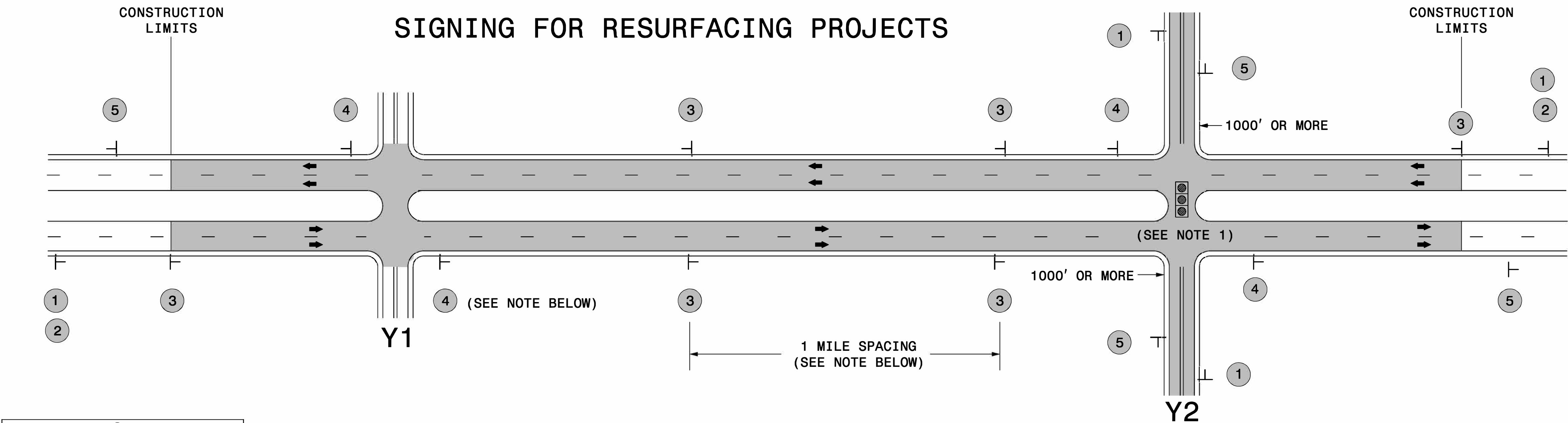
SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES 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 LOW/SOFT SHOULDER SP 13107 48" X 48" - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" - THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5 END ROAD WORK 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 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
WORK ZONE TRAFFIC CONTROL

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



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 RESURFACING 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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.
	3 PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE 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.	
	5 PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	
		NOTES: 1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.