



Right of Way Maintenance

Litter and Illegal Dumping

09/27/2023

- **Parks & Recreations** completes litter pick up in all of the major and minor thoroughfares and has a schedule that groups the major and minor thoroughfares within the city in a particular zone. Litter & mowing is completed in each zone on a biweekly basis.
- **The Solid Waste Knuckle Boom (KB)** team collects curbside compliant piles of limbs and bulky waste every other week. In cases where items are not compliant, they are tagged by the KB crews, documented, and submitted to the **RAPID (Removing and Preventing Illegal Dumping)** team. RAPID follows a specific process that handles any litter and illegal dumping violations.
- **Code Enforcement** handles litter and illegal dumping violations that occur on private properties. Code Enforcement works to protect residents and visitors in our city by enforcing codes and standards. Code Enforcement will issue notices to property owners/violators giving them time to gain compliance. Failure to comply will result in civil penalties and in some cases criminal charges.

Department	Department Duties	How Does This Department Handle Litter	How Does This Department Handle Illegal Dumping
Parks, Recreation, & Maintenance	Fayetteville-Cumberland Parks & Recreation provides quality and affordable parks and recreation facilities. This includes quality and affordable programs for youth, adults and citizens with special needs throughout Fayetteville and Cumberland County. Additionally, the department places great emphasis on improving the City's appearance and providing quality City-owned buildings and facilities.	<p>Task: Parks & Rec completes litter pick up in all Major & Minor Thoroughfares (loose trash, bottles, fast food packages, and etc.).</p> <p>How often: Parks & Recreation has a schedule that groups the major & minor thoroughfares within the city in a particular zone. Litter is collected in each zone on a biweekly basis.</p> <p>How to Report an Issue: Litter issues can be reported by calling 433-1556 or 433-1329. Citizen can also report litter using the FayFixIt app.</p>	<p>• Parks & Recreation does not handle any issues with illegal dumping.</p> <p>• Parks & Recreation will refer illegal dumping reports to the correct department</p>
Public Services - Solid Waste RAPID	The role of the Solid Waste (SW) Division is to collect household waste, recycling, yard waste, bulky waste, and limb waste from curbside. Additionally, the division is responsible for enforcing the SW Ordinance by educating the public and monitoring and inspecting illegal dump sites to ensure compliance.	<p>Task: The SW Knuckle Boom (KB) team collects curbside compliant piles of limbs and bulky waste every other week. In cases where items are not compliant, they are tagged by the KB crews, documented, and submitted to RAPID. Solid Waste does not handle issues with loose litter.</p> <p>How often: For any tagged or reported violations, RAPID follows a specific process:</p> <ul style="list-style-type: none"> • First, RAPID mails a Notice of Violation (NOV) to the resident, using Accurint to identify relevant information. During the first ten days, RAPID attempts to contact the resident to educate them and encourage compliance. • The resident then has ten business days to correct the issue. If the resident does fix the problem, the case is closed. • However, if the resident does not correct the issue within ten business days, RAPID will collect the items and send a citation after RAPID/SW has collected the items. <p>How to Report an Issue: Street/Curbside debris can be reported by calling 910-433-1329</p>	<p>Task: Our RAPID team is responsible for monitoring around 100 illegal dump sites that contain non-hazardous items like furniture, tires, limbs, construction debris, and metal. We receive reports of illegal dumping from SeeClickFix, Call Center, and other agencies. Unfortunately, SW/RAPID cannot assist with loose litter issues. However, RAPID has the capability to handle and eliminate litter found at unauthorized dumping sites when conducting illegal dumping collections.</p> <p>How often: To ensure the cleanliness and safety of the environment, we conduct weekly inspections of all illegal dump sites and collect any waste as necessary. If we find evidence of unlawful dumping, we immediately issue a citation to the violator if known.</p> <p>How to Report an Issue: Illegal dumping can be reported by calling 910-433-1329</p>
Code Enforcement	Code Enforcement is tasked with enforcement of some or all of ordinances found in Chapters 7, 14, 16, 17, 22, 24, 26, 27, and 30. Division initiated, inspected and managed 13,754 cases in FY23 with nine inspectors & two supervisors. 68.5% of cases are officer initiated.	<p>Task: Code Enforcement handles violations of Chapter 22-16 on private parcels.</p> <p>How often: Every day minus weekends and city holidays. Notice of violation sent to property owner giving 10 business days to correct. Inspectors work with property owners if extensions are requested. Next enforcement step would be issuance of civil penalty citation or assigning to city contractor to cut and clean as needed. Continued failure to comply could lead to criminal charges or civil actions for abatement orders.</p> <p>How to Report an Issue: 910-433-1329, FayFixIt, 910-433-1056, codeenforcement@fayettevillenc.gov</p>	<p>Task: Same as litter</p> <p>How often: Same as litter</p> <p>How to Report an Issue: Same as litter</p>
Examples of Litter & Illegal Dumping		<p><u>Litter</u></p> <p>Loose Trash Drink Bottles Fast Food Wrappers and Bags Cigarette Butts & Etc.</p>	<p><u>Illegal Dumping Items</u></p> <p>Discarded Furniture Waste Tires Construction & Demolition Debris Household Obsolete Electronics</p>

- Spraying
- Street Sweeping
- Edging
- Litter
- RAPID
- Mowing
- Catch Basins
- Pot Holes



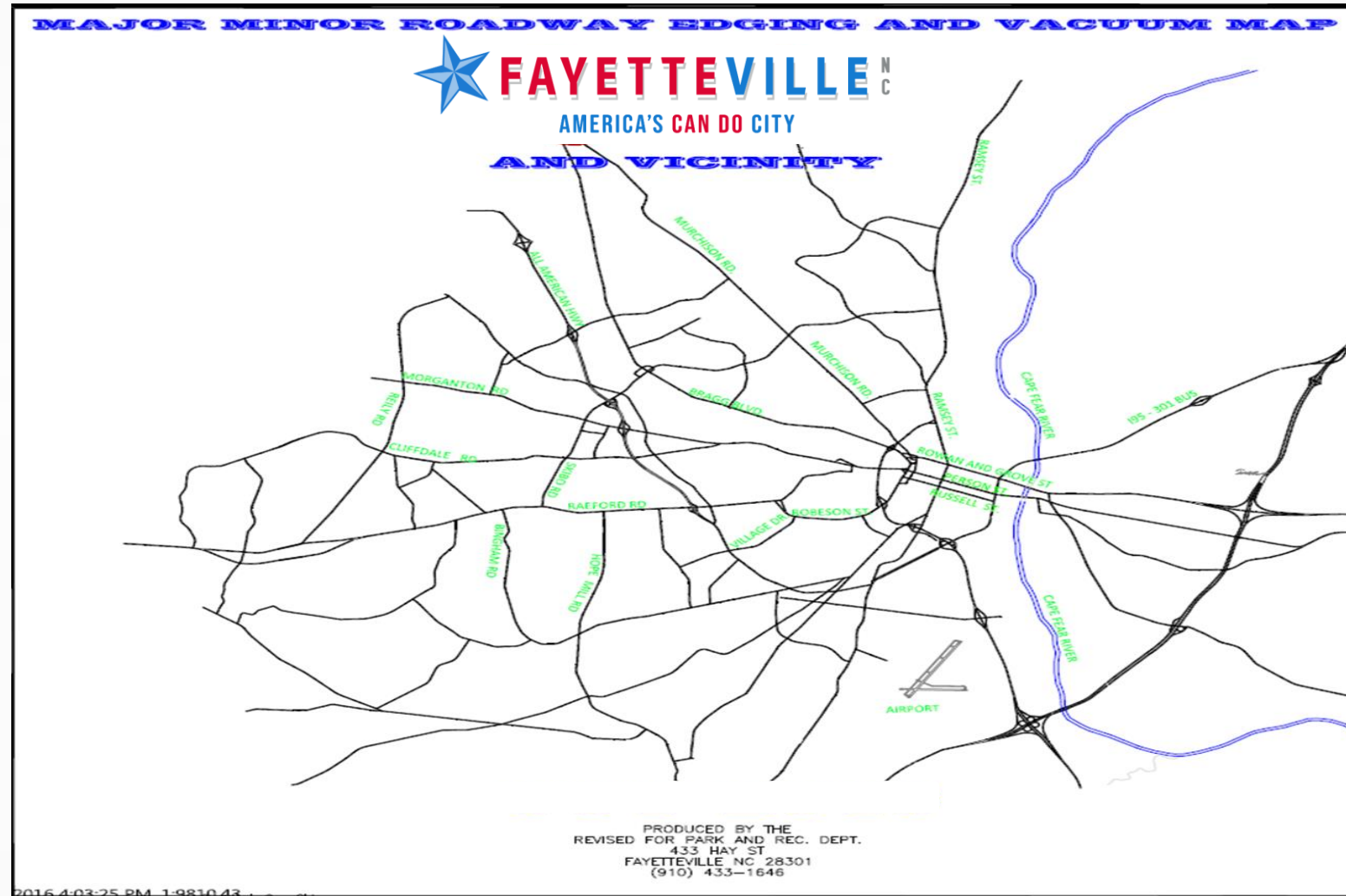
Edging and Vacuuming

Complete Street Procedure includes edging and vacuuming of the major and minor thoroughfares.

Edging	
Street Name	
Bingham Road	Pamelee Drive
Bragg Boulevard	Person Street
Cain Road	Raeford Road
Cliffdale Drive	Ramsey Street
Country Club	Reilly Road
Gillespie Street	Robeson Street
Hope Mills Road	Rosehill Road
Morganton Road	Skibo Road
Murchison Road	Village Drive
Owen Drive	Wall St./North

Vacuuming	
Street Name	
Bingham Road	Morganton Road
Bonanza Drive	Murchison Road
Bragg Boulevard	Owen Drive
Cain Road	Pamalee Drive
Camden Road	Person Street
Cedar Creek Road	Raeford Road
Cliffdale Drive	Ramsey Street
Country Club	Reilly Road
Cumberland Road	Robeson Street
Eastern Boulevard	Rosehill Road
Fort Bragg Road	Russell Street
Gillespie Street	Santa Fe Drive
Grove Street	Skibo Road
Haymount Area	Southern Ave
Hope Mills Road	Village Drive
McPherson Church Road	Yadkin Road

Map for Edging and Vacuuming



Vegetative Spraying is completed twice a year on all major thoroughfares

ZONE 1

401 Bypass
Cedar Creek Road
Clinton Road
Country Club Drive
Eastern Boulevard
Gillespie Street
Grove Street
Hay Street
I-95 Bypass
Langdon Street
McArthur Road
Murchison Road
NC 24
NC 87
Person Street
Ramsey Street
Rosehill Road
Rowan Street
Russell Street
Sapona Road
Shaw Road
Stacy Weaver Road
US 301 North
US 401 North

ZONE 2

71st School Road
All American Freeway
Bonanza Drive
Bragg Boulevard
Bunce Road
Cain Road
Cliffdale Road
Glensford Drive
Helen Street
Johnson Street
McPherson Church Road
MLK Freeway
Morganton Road
Old Bunce Road
Pamalee Drive
Reilly Road
Robeson Street
Santa Fe Drive
Skibo Road
Yadkin Road

ZONE 3

Bingham Drive
Boone Trail
Camden Road
Cumberland Road
Fisher Road
Gillis Road
Grimes Road
Hope Mills Road
Ireland Drive
Lakewood Drive
Owen Drive
Raeford Road
Southern Avenue
Stoney Point Road
Strickland Bridge Road
Village Drive
West Mountain Drive
Whitfield Street

Right-of-Way Litter Maintenance Schedule					
Litter Crew Zone 1		Litter Crew Zone 2		Litter Crew Zone 3	
Week 1		Week 1		Week 1	
	Street Name		Street Name		Street Name
Day 1	Cedar Creek Road & I-95 Exit Ramps	Days 1 & 2	MLK Freeway / NC 87	Day 1	Southern Ave
	Sapona Rd		Robeson St		Whitfield St.
	Eastern Blvd				
	US 301 North				
Day 2	Person St	Day 3	Bragg Blvd	Day 2	Camden Rd
	New Clinton Rd / NC 24	Day 4	Cain Rd		West Mountain Dr
			Johnson St		
Days 3 & 4	North & South I-95 Business		Pamalee Dr	Day 3	Owen Dr
Day 5	Grove St		Helen St		
	Russell St	Day 5	All American Freeway	Day 4	Boone Trail
	Gillespie St				Village Dr
	Rowan St				Ireland Dr
	Hay Street			Day 5	Raeford Rd
Week 2		Week 2		Week 2	
Days 1 & 2	Ramsey St	Day 1	All American Freeway cont.	Day 1	Gillis Rd
			Santa Fe Dr		Stoney Point Rd
Day 3	Rose Hill Rd	Day 2	Yadkin Rd		
			Skibo		
			Bonanza Dr		
Day 4	Stacy Weaver Rd			Day 2	Lakewood Dr
	McArther Rd	Day 3	McPherson Church Rd		Grimes Rd
	Shaw Rd		Santa Fe Dr		
	Country Club Dr		Morganton Rd	Days 2 & 3	Strickland Bridge Rd
Day 5	Murchison Rd		Reilly Rd		Fisher St
	Langdon St.	Day 4	Glensford Dr		
			Cliffdale Rd	Day 4	US 401 North
		Day 5	Bunce Rd		401 Bypass
			Old Bunce Rd	Day 5	Bingham Dr
			71st School Rd		Cumberland Rd
					Hope Mills Rd

FY23 - 133 Tons Collected

****Please note the Litter Crews pick up on a basic 2 week rotation. The chart above depicts the goals of each Litter Crew to cover their list of streets within this timeframe. The days of scheduled pick up are subject to change due to clean-up needs.*****

Use of ATV's for Litter Pick Up

ATVs have increased the speed of the litter crew allowing more trash to be collected in a timely manner.

The ATVs perform the complete street procedures on the following streets:

All American Freeway

Bingham Drive

Bragg Blvd

Cedar Creek Road

Cliffdale Road

Country Club Drive

Gillis Hill Road

Graham Road

Lakewood Drive

MLK Freeway

New Clinton Road / NC 24

North & South I-95 Business

Raeford Road

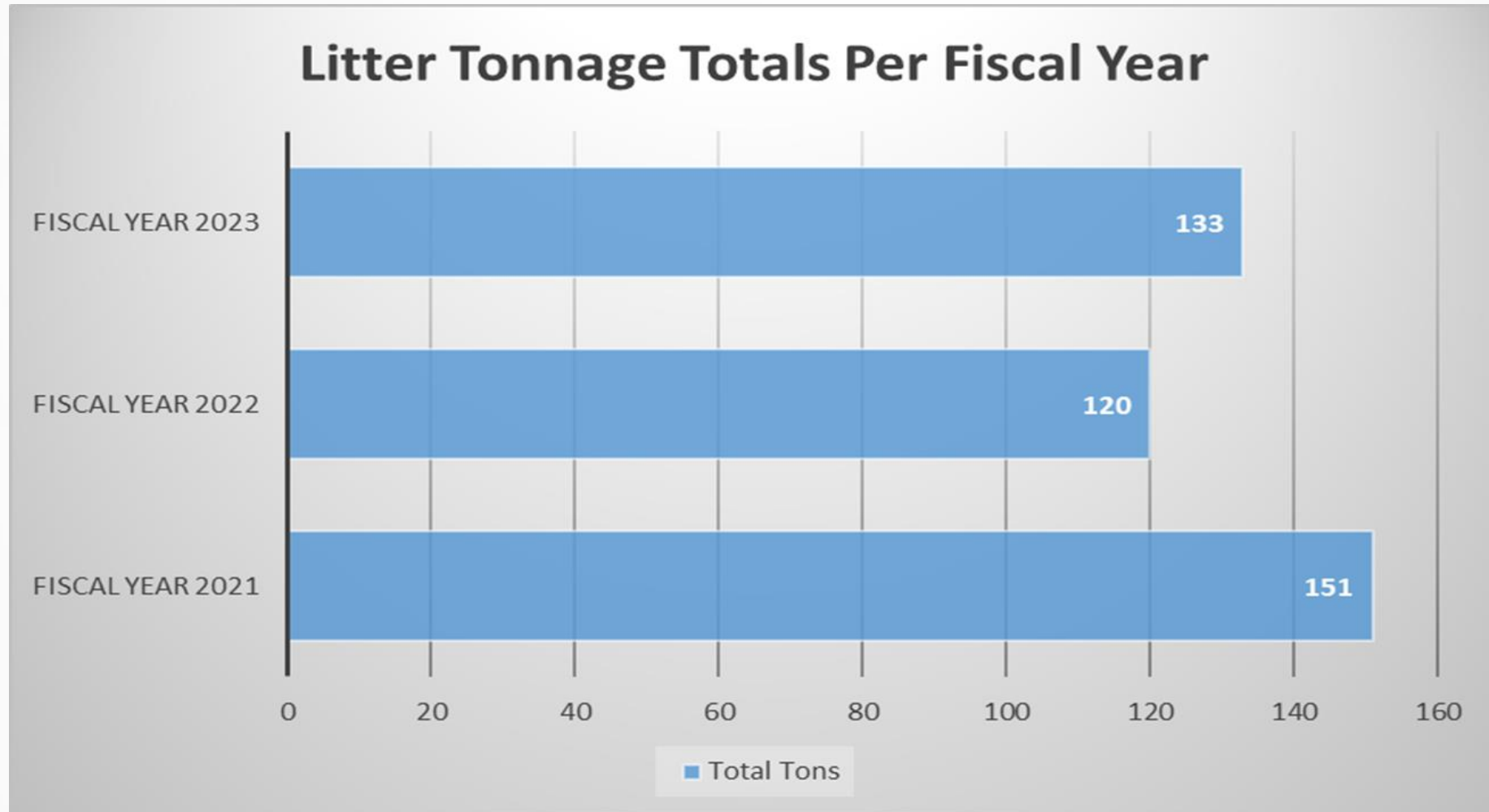
Reilly Road

Rim Road

Stoney Point Road

Strickland Bridge Road





Blowing Concrete Island/Medians



NCDOT Annual Contributions				
less than \$150,000				
Fiscal Year	Total Budget	Labor	Fleet Replacement	Supplies & Other
FY20	1,977,121.00	929,817.00	513,614.00	533,690.00
FY21	1,775,314.00	928,794.00	240,967.00	605,553.00
FY22	1,786,425.00	971,546.00	311,784.00	503,095.00
FY23	2,477,890.00	1,217,575.00	750,257.00	510,058.00
FY24	1,994,099.00	1,252,198.00	223,512.00	518,389.00

2023 Mowing Compensation

	Cost per Mile	Cycles	S. Miles	Total Cost
Routine Mowing (Primary Multilane Divided	\$168.65	5	79.4	\$66,954.05
Routine Mowing (Primary Undivided)	\$44.97	3	86.88	\$11,720.98
Clean- up Mowing(Primary Undivided)	\$50.60	2	86.88	\$8792.26
Clean-up Mowing (Secondary Multilane Divided)	\$50.60	5	35.48	\$8,976.44
Routine Mowing (Secondary)	\$40.48	3	239.5	\$29,084.88
Clean-up Mowing (Secondary)	\$46.09	2	239.5	<u>\$22,077.11</u>
Total				\$147, 605.72

Primary Roadways = North Carolina (NC) or United States (US) Routes

Secondary Roadways = State Routes (SR)

Divided Roadways = Roadways with a concrete or grass median, typically eliminating turn lanes



Right of Way Litter Crew Expenses for Enhanced Services

Description	Quantity	Hourly Rate	Weekly Total	Total Weeks	Total Cost
Temp Staffing Employee	9	\$21.60	\$7,776.00	20	\$155,520.00

Description	Vehicles	Gallon Rate	Daily Rate	Weekly Total	Total Cost
Gasoline - 10G per Day	3	\$3.50	\$105.00	\$525.00	\$10,500.00

Supply Description	Quantity	Unit Cost	Total Cost
Trash Bags - 2 Cases/Wk Per Crew	120	\$46.00	\$5,520.00
Litter Pickers	20	\$37.00	\$740.00
			\$6,260.00

Decription	Total Cost
Tipping Fees	\$12,665.00

Total of All Costs	\$184,945.00
---------------------------	---------------------

Street Sweeping Resources

11 Total Sweepers

- 9 Regenerative Air (most ops)
- 2 Mechanical (heavier material)
- Spare/out of service equipment

7 FTE's

- 2 Vacancies
- 6 City Zones
- NCDOT Routes –2 sweepers

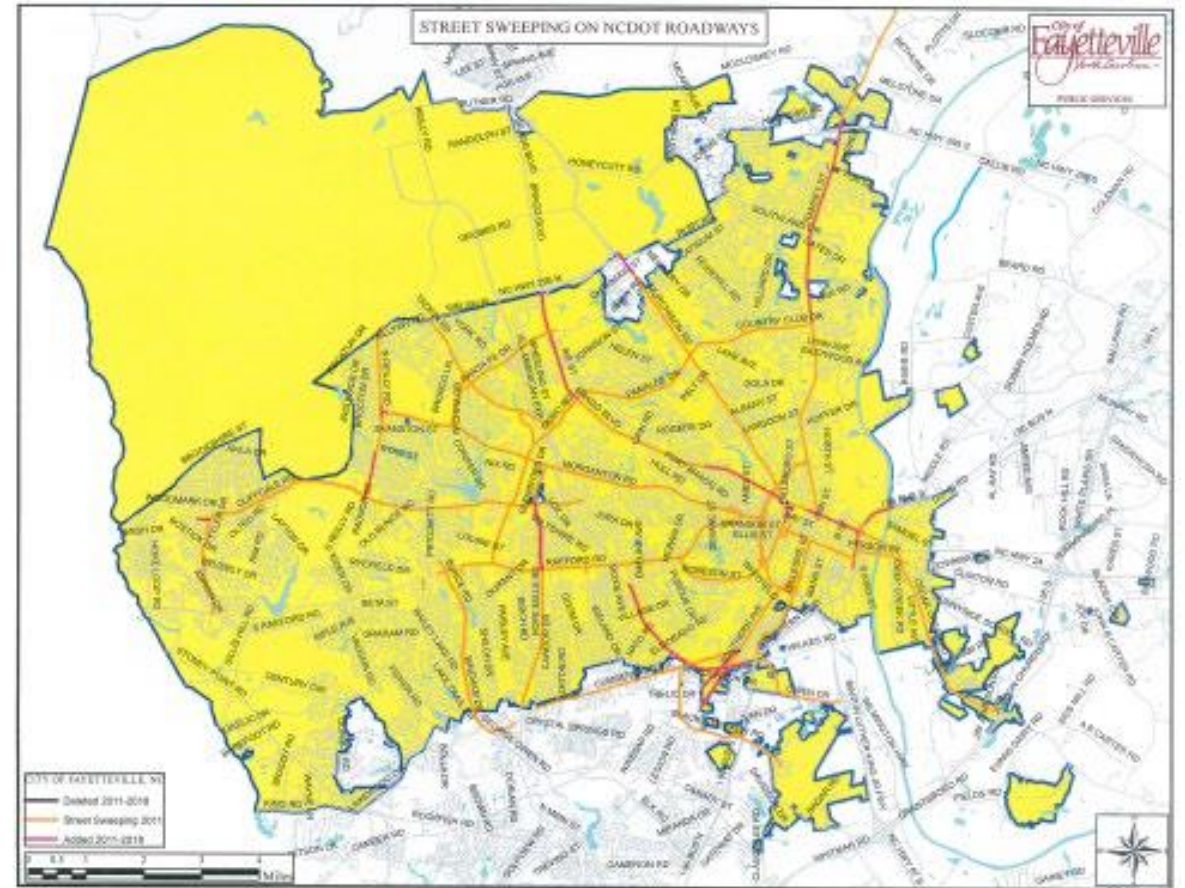
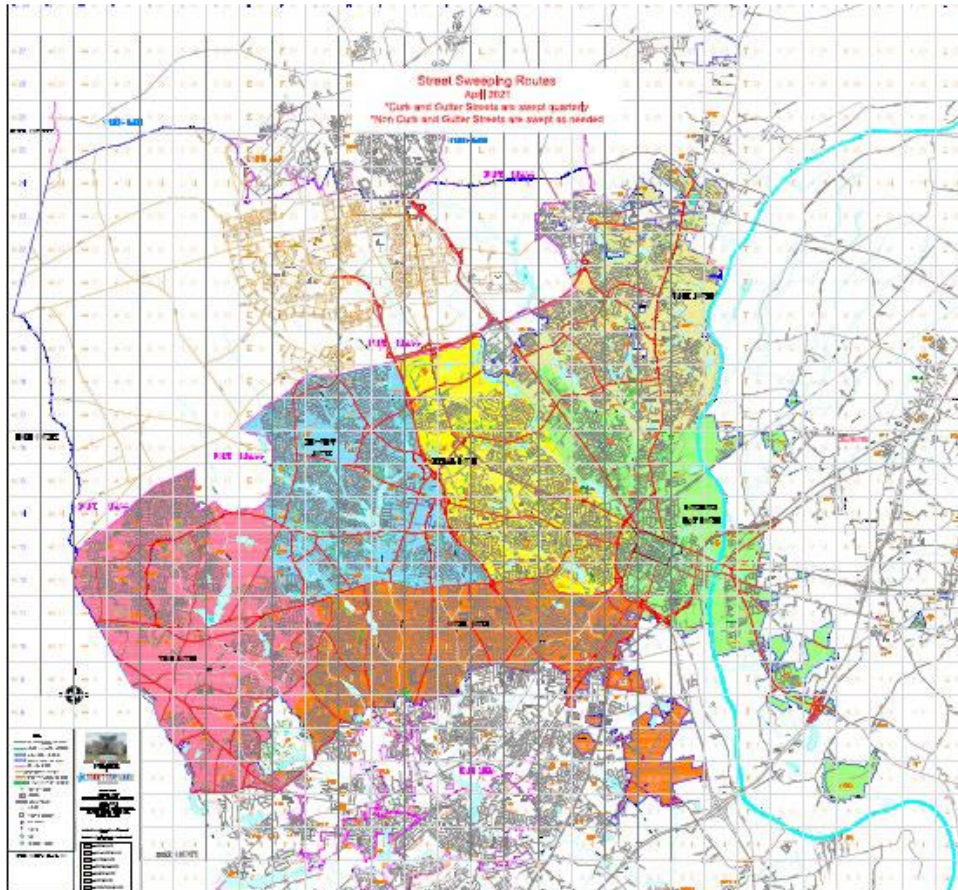
Curb Miles Swept

- City Maintained Streets – 1502 Curb Miles
- NCDOT Maintained Streets – 234 Curb Miles
- Streets without curb are not swept



Sweeping Zones

6 City Zones – 6 Sweepers
Quarterly Cycle



NCDOT roads – 2 sweepers
Quarterly Minimum
Additional Sweeping As Needed

Catch Basin Inspection & Maintenance

Total Catch Basins on City Streets – 14,069

Current KPI – 1500/ Month

Beginning October 2023, National Pollutant Discharge Elimination System (NPDES) Requires the City to classify Catch Basins into 3 Priority Areas for Cleaning, inspection & Maintenance

- Priority Area 1 – Heavy Sediment and/or Vegetative Debris; 3X / year
- Priority Area 2 – Moderate Sediment and/or Vegetative Debris; 2X / year
- Priority Area 3 – Minimal Sediment and/or Vegetative Debris; 1X / year
- Based on these new requirements, staff will need to clean 2350 Catch Basins per Month (63% Increase)



Sidewalks & Pot Holes

SIDEWALKS

Total Miles of Sidewalk – 297 Miles

Currently Sidewalk Repair is Complaint Driven.

- Services include Milling, Patching and Replacement
- On Call Concrete Services Contract is used as needed.
- FY23-FY24 YTD – 170 Linear Feet of Sidewalk Repair



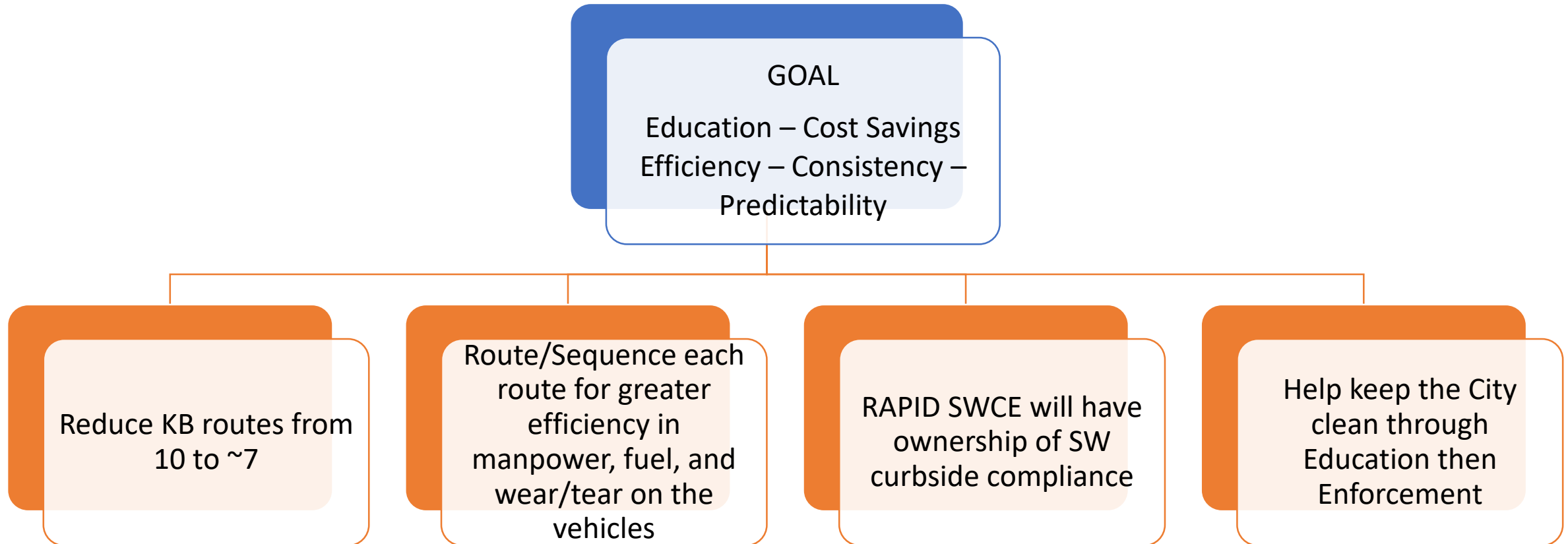
POT HOLES

KPI Target – 450 Tons of Asphalt per Year

FY23-FY24 YTD – 196.2 Tons




RAPID SWCE



RAPID SWCE

RAPID SWCE IS RESPONSE DRIVEN ONLY.

RAPID Staff divide the City East/West and respond based on Tags (From SW Drivers), Calls, SeeClickFix, and Emails. Education occurs sporadically.



Currently RAPID SWCE Track illegal dumping which is collected on Wednesdays - Investigate and enforce all SW Tags (From SW Drivers) and Curbside Non Compliant issues

RAPID SWCE

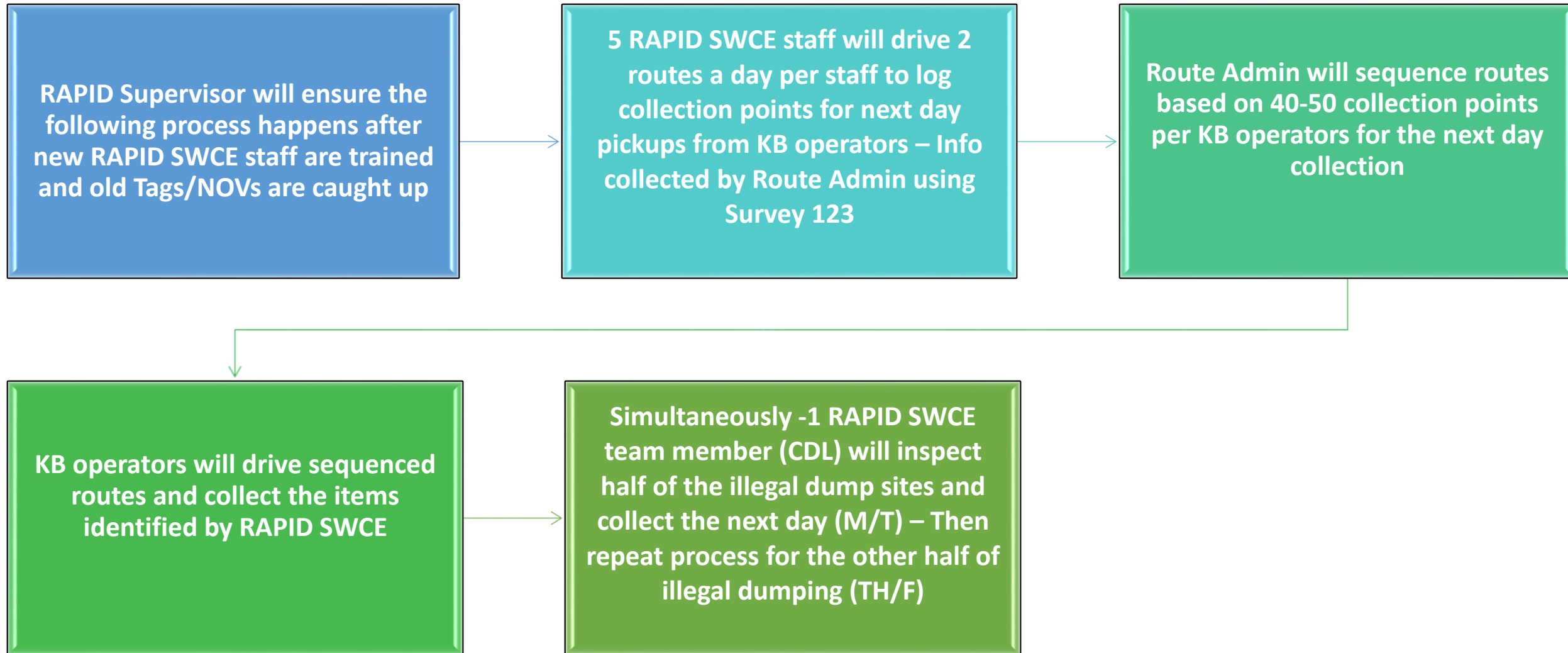
RAPID Supervisor will ensure the following process happens after new RAPID SWCE staff are trained and old Tags/NOVs are caught up

5 RAPID SWCE staff will drive 2 routes a day per staff to log collection points for next day pickups from KB operators – Info collected by Route Admin using Survey 123

Route Admin will sequence routes based on 40-50 collection points per KB operators for the next day collection

KB operators will drive sequenced routes and collect the items identified by RAPID SWCE

Simultaneously -1 RAPID SWCE team member (CDL) will inspect half of the illegal dump sites and collect the next day (M/T) – Then repeat process for the other half of illegal dumping (TH/F)



NCGS 136-66.1. Responsibility for streets inside municipalities.

Responsibility for streets and highways inside the corporate limits of municipalities is hereby defined as follows:

(2) The Municipal Street System. - In each municipality the municipal street system shall consist of those streets and highways accepted by the municipality which are not a part of the State highway system.

The municipality shall be responsible for the maintenance, construction, reconstruction, and right-of-way acquisition for this system.

(4) If the governing body of any municipality determines that it is in the best interest of its citizens to do so, it may expend its funds for the purpose of making any of the following improvements on streets that are within its corporate limits and form a part of the State highway system:

- a. Construction of curbing and guttering.
- b. Adding of lanes for automobile parking.
- c. Constructing street drainage facilities
- d. Constructing sidewalks.
- e. Intersection improvements



Sec. 24-19. Sidewalks To Be Kept in Repair; Removal of Grass, Weeds, Etc.

It shall be the duty of every person owning or occupying property abutting upon any street to keep the sidewalks adjoining such property, whether paved or not, in good repair so as to afford easy and safe passage to pedestrians using the sidewalk, and keep the sidewalk clear and free of grass, weeds and other rank growth.





FayettevilleNC.gov