

Agenda - 2-18-2021

Documents:

[AGENDA - 2-18-2021.PDF](#)

0. Introduction

Documents:

[0. INTRODUCTION.PDF](#)

1. Infrastructure - Public Works

Documents:

[1. INFRASTRUCTION - PUBLIC WORKS.PDF](#)



**City of Greenville
2021 City Council Retreat
February 18-19, 2021**

**AGENDA – Day 1
Thursday, February 18, 2021 – 3:00 p.m.**

Virtual Meeting Viewing
<https://www.greenvillesc.gov/meeting>
Password: meetnow

Telephone: 1-415-655-0002
WebEx Event Number: 179 488 1443

Remote Viewing Location:

Greenville Convention Center, 1 Exposition Drive – Room 102

The city of Greenville seeks input from citizens while adhering to public health and safety guidelines. All attendees at the remote viewing location will be subject to a temperature screening with a touch-less forehead thermometer. Anyone with a temperature reading above 100 degrees Fahrenheit will not be admitted. Attendees will be required to wear a covering over their mouth and nose, unless it violates a religious tenant or belief or causes difficulty breathing.

- | | | |
|---|--|------------------|
| A. | Welcome by Mayor Knox White | 3:00 p.m. |
| B. | Introduction and Retreat Overview | 3:00 p.m. |
| C. | City Infrastructure and Facilities Update
<i>City Council Priority Areas #6 and #8</i> | 3:05 p.m. |
| D. | Executive Session
<i>Legal Update on FOIA</i> | 5:30 p.m. |
|
<i>NOTE: City Council will leave the Work Session Webex virtual meeting to conduct an Executive Session (by electronic means) which is not open to the public. The meeting will adjourn following the completion of the Execution Session. No action will be taken prior to adjourning the meeting.</i> | | |
| E. | Adjourn | 6:00 p.m. |

Greenville City Council 2021 Annual Retreat

February 18-19, 2021



Greenville 2020 Recognitions

Southern Living

EXPLORE

Southern Living

SOUTHERN LIVING • SOUTHS BEST

The South's Best Cities 2020

By Southern Living Editors | March 10, 2020

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View All

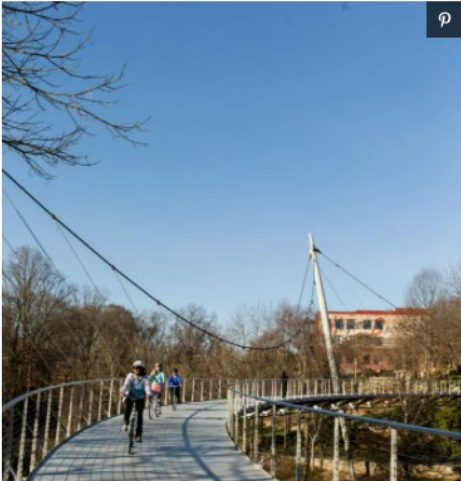
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10 of 20

11. Greenville, South Carolina

As the midway point between Charlotte and Atlanta, smaller Greenville might be overlooked. But this fast-growing riverfront city is making that harder and harder to do. With a walkable downtown and happening Main Street, Greenville has all the amenities of an urban metropolis (star-powered restaurants, swanky cocktail lounges, a 32-acre green space in the city center) in a more easily accessible package.

[Learn more.](#)



Worth

10 Cities to Watch in 2020

These 10 cities don't dominate the national narrative, but they're making a bid for prominence in 2020.

Boulder, Colo.		Charlotte, N.C.	
Greenville, S.C.		Little Rock, Ark.	
Milwaukee		Montgomery, Ala.	
Philadelphia		Providence, R.I.	
Richmond, Va.		Sacramento, Calif.	

Forbes

The South's Most 'Tasteful' Small Towns



Roger Sands Contributor
Travel
I write about travel, often sports oriented.



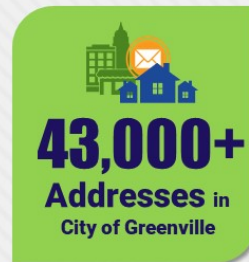
A bowl of Habaneros is a southern favorite. SOUTHWALL

Famous for its warm hospitality and home-cooked meals, the south welcomes visitors with open arms. Although traditional southern cuisine often consists of pan-fried chicken, black-eyed peas, collard greens, cornbread and sweet tea, restaurants throughout the south are also on the cutting edge of innovative recipes known for their presentation and flavor. Even though these towns are small in size, restaurants here offer big tastes with each bite.

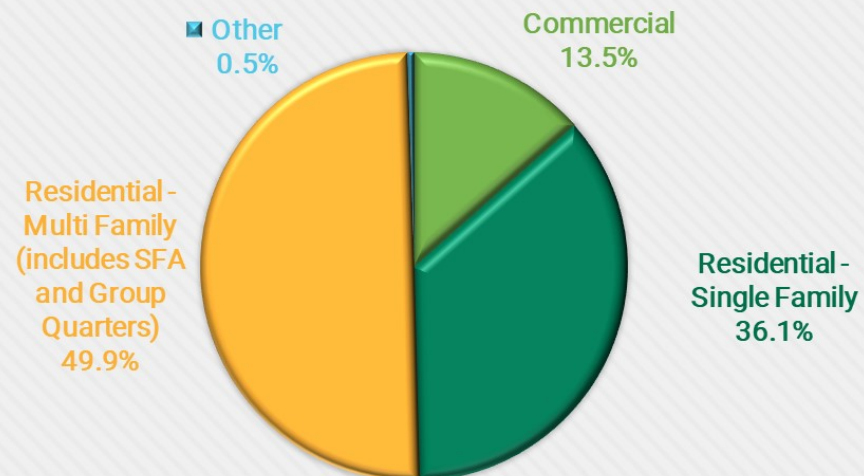
A Year of Continued Growth

Addresses within the City of Greenville

Feb 2020



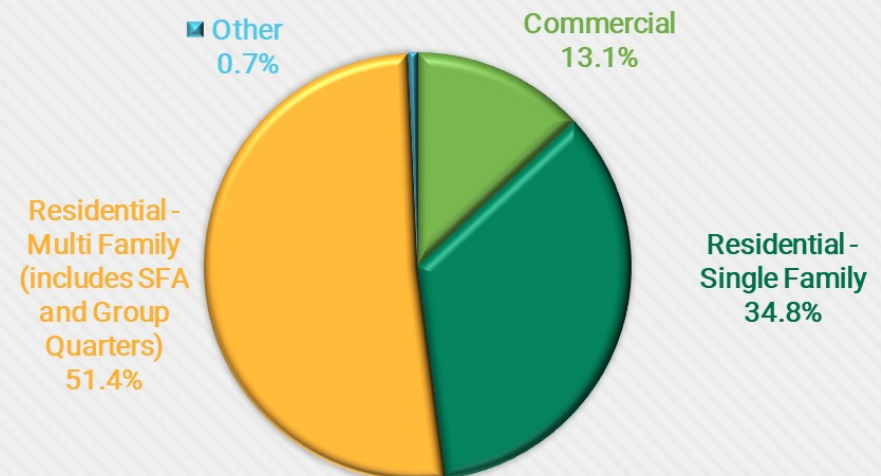
Percentage of City Addresses by Type



Feb 2021



Percentage of City Addresses by Type



1283

1283
Building
Permits
Issued

20+ Permits

1 Permit

1 Permit

\$518M

Total Value Issued Building Permits

\$518M
Total Value Issued Building Permits

Central Business District/West End

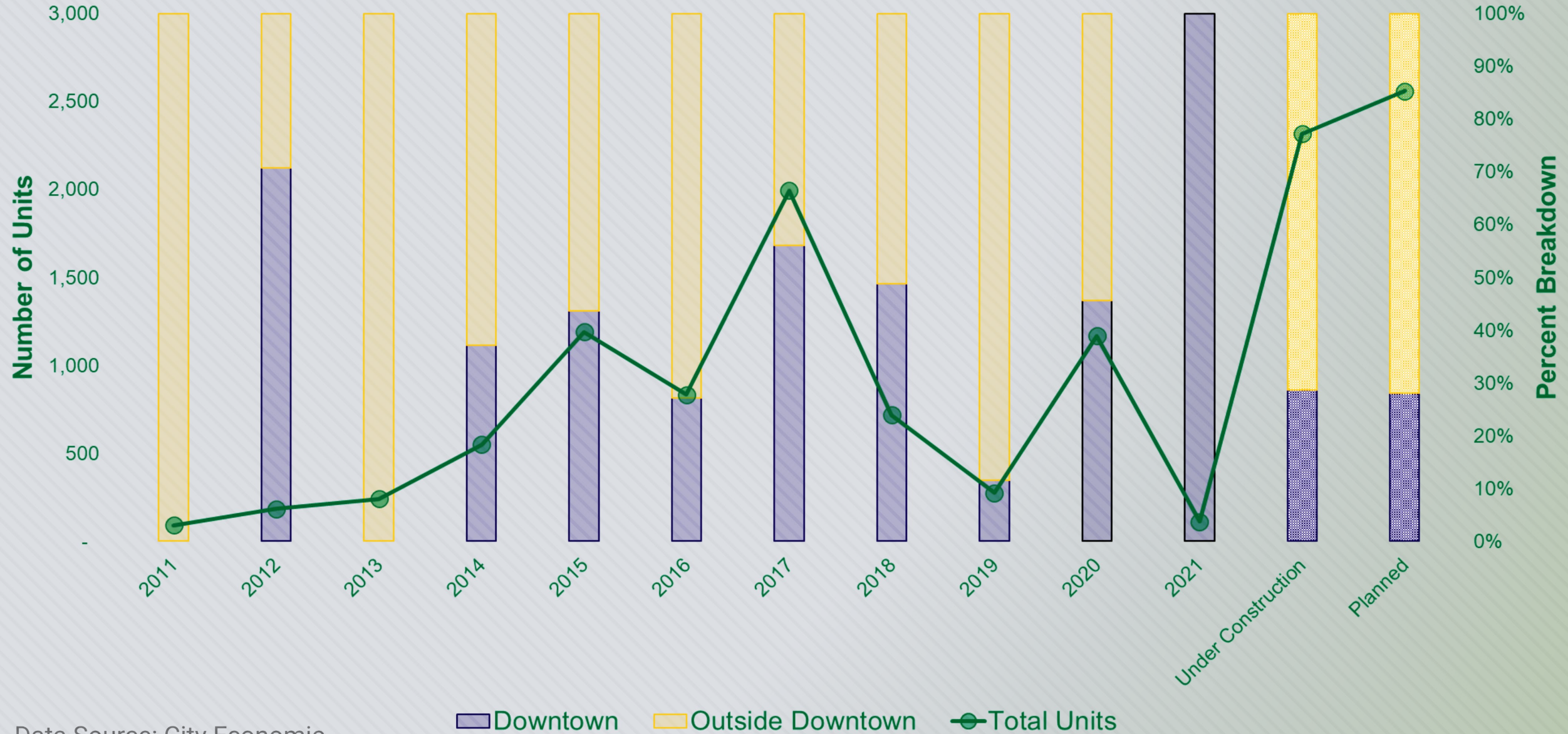
Verdae/Woodruff Rd

Legend:
\$40M
\$1-500K

Verdae/Woodruff Rd

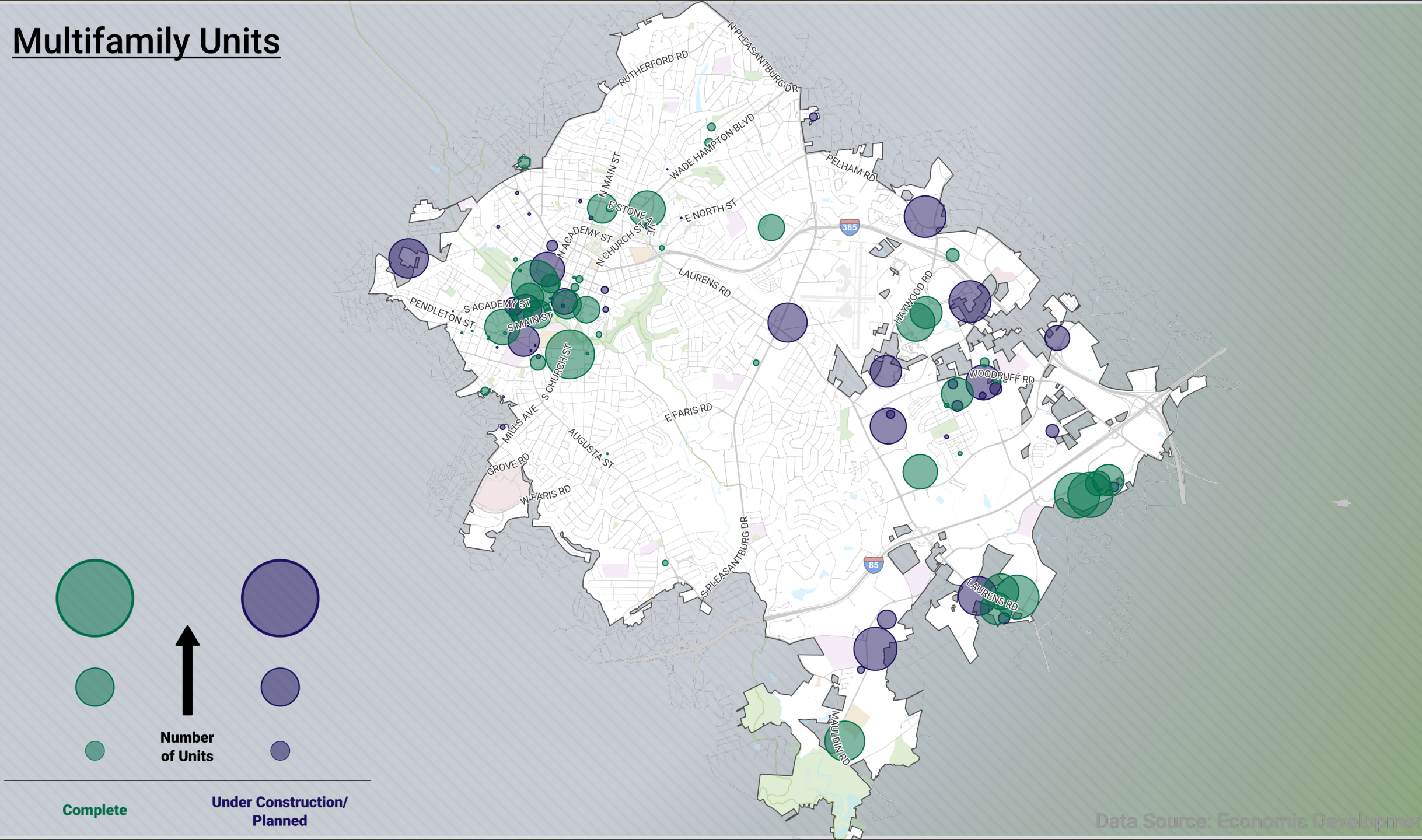
\$1-500K

Multifamily Housing Units

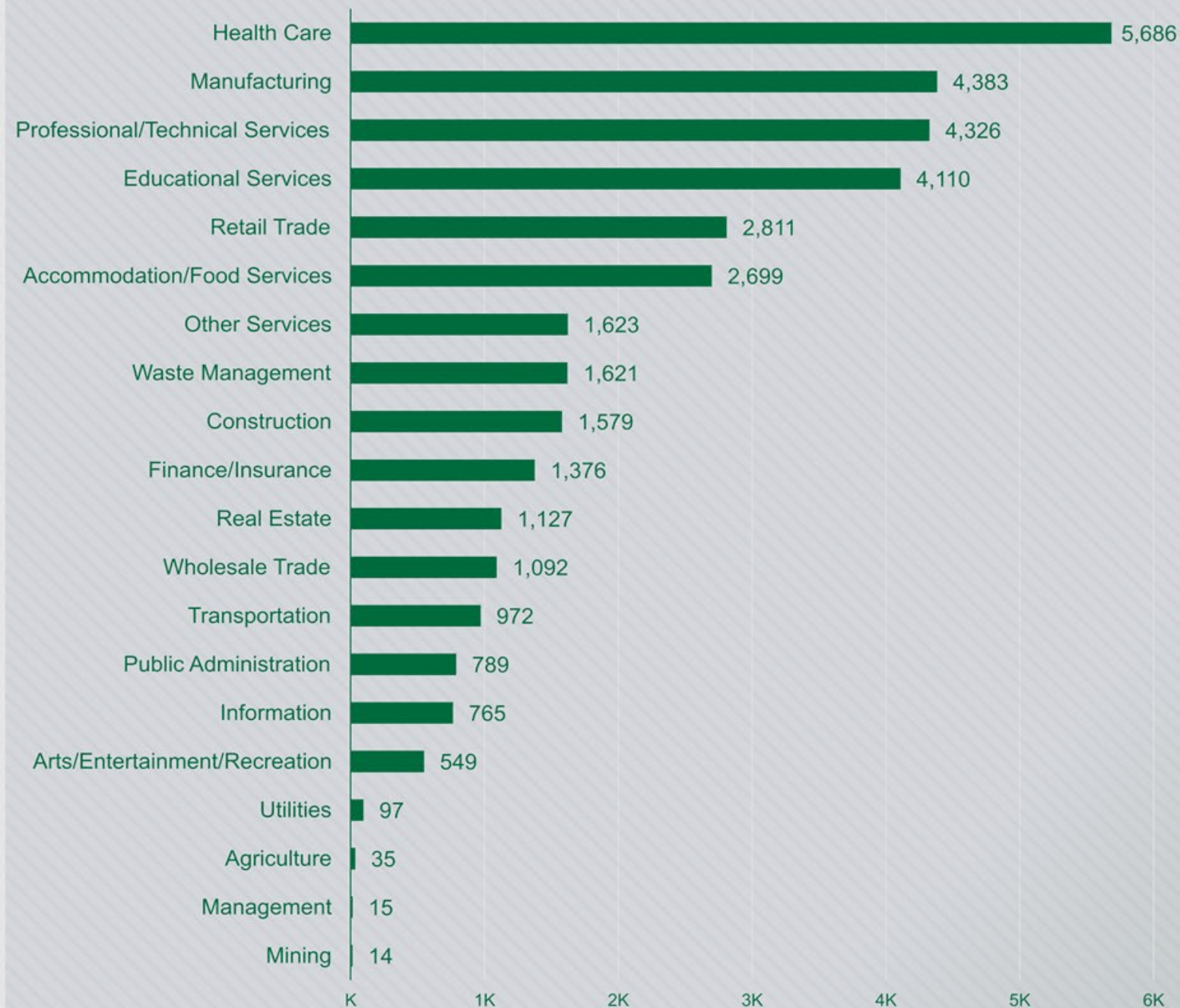


Data Source: City Economic
Development

Multifamily Units



Employment by Industry (2020)



UNEMPLOYMENT RATE (Jan 2021)



City

3.9%



State

4.6%



Nation

6.5%

EMPLOYMENT SUMMARY (2020)



81,654
Employees



5,947
Businesses

Data Source: ESRI, Bureau of Labor Statistics

Greenville: Economic Engine

Milken Institute

- #13 for High Tech GDP Growth 2013-2018
- #45 on the 2021 ranking of Best-Performing Large Cities
- **Inc. Magazine**
- #33 of The 50 Best U.S. Cities for Starting a Business in 2020 (Surge Cities 2020)
- #5 for Net Business Creation, #25 for Rate of Entrepreneurship, and #25 for Population Growth

Smart Asset

- #10 Best Places to Retire, 2020

fDi Intelligence (Financial Times)

- #2 for Human Capital and Lifestyle, #5 for Cost Effectiveness, and #10 for Business Friendliness (American Cities of the Future 2019/20)

Redfin

- #8 for metro areas with the largest uptick in home searches (Biggest increases in net inflow, Q3 2019 - Q3 2020)

Conde Nast Traveler

- #6 The Best Cities in the U.S.: 2020 Readers' Choice Awards

Economic Opportunity



Emsi Economic Modeling

Midsize Markets Make Up More Than Half of the Top 100



Emsi Labor Market Analytics, 2020

The Growing Attractiveness of Midsize Markets

“Those counties who have seen a continued rise in the rankings... can confidently say their approaches are working. But as stated earlier, 2020 has been a year unlike any other. And while many of the tactics used will continue to work, *the pandemic will require major strategy shifts to keep the momentum going, stop a downward slide, or capitalize on new trends in talent migration.*”

City Council Adopted Top 10 Priorities



- 1. Quality Growth** - Planning for balanced development that preserves the distinct character of Greenville
- 2. Environmental Sustainability** - Protecting our climate, green space, and natural resources
- 3. Public Safety** - Maintaining a safe and secure community
- 4. Affordable Housing** - Creating housing opportunities for all people regardless of income
- 5. Customer Focus** - Providing outstanding customer service and a welcoming, inclusive environment



- 6. Transportation Infrastructure** - Focusing on roadways, sidewalks, trails, and bike lanes
- 7. Public Transit** - Supporting a better public transit system
- 8. Public Facilities** - Investing in maintenance and enhancement of public buildings
- 9. Economic Development** - Strengthening our business environment and economy
- 10. Recreation and Events** - Providing diverse recreation, arts, and cultural experiences

Retreat Overview

- Day 1: February 18, 2021

- 3:00 – 5:30 PM – City Infrastructure & Facilities Update
- 5:30 PM – Council Update on FOIA (Executive Session)

- Day 2: February 19, 2021

- 9:00 AM – 12:00 PM – GVL2040 Implementation Tools
- 1:00 – 5:00 PM – Review of Council-Adopted Priorities and Annual Work Plan



Let's build on this.



2021 Infrastructure Report

**Public Works
Council Retreat
February 18, 2021**

Why is this important for us?

- City owns about \$380m in Capital Assets (net value)
 - Value of assets is reduced (depreciated) over time
- Asset types (net value):
 - Infrastructure (\$128.0m)
 - Buildings (\$108.1m)
 - Improvements Other the Buildings (\$73.0m)
 - Land (\$36.1m)
 - Vehicles, Furniture, Equipment (\$18.2m)
- Infrastructure in disrepair, or devaluing faster than depreciation, is a signal to bond markets that the City will experience financial challenges in the future due to cost of early/unplanned asset replacement. This could jeopardize our AAA bond rating.
 - Investors like to see steady, planned investment in capital asset replacement

Legend

Good: Assets in “good” condition are considered to be “new” or “like new”. Expenditures on preventative maintenance for assets in this category can prevent or postpone exponential costs in 5-10 years.

Fair: Assets in “fair” condition are considered to be in an acceptable state. Preventative maintenance for assets in this category is critical to keep the asset from falling into a “poor” condition prematurely.

Poor: Assets in a “poor” condition have failed or are at severe risk of failing. These assets need to be repaired or replaced as soon as possible to avoid critical failures of the network.

Requested: Assets under this category are assets that do not currently exist in our inventory. Through either public request, staff recommendation, or council request these assets have been identified as a “requested addition” to our inventory.

City Maintained Roadway Bridges

Responsible Department: Public Works

Total Assets in Network: 14

Existing Budget: N/A

Last funded: 2018

Condition	Asset Total (EA)	Percent of Total Network	Cost to Replace/Repair
Good	6	43%	N/A
Fair	2	14%	\$300,000
Poor	6	43%	\$1,600,000
Requested	N/A	N/A	N/A
		TOTAL	\$1,900,000

2021 Goals: Prioritize annual funding source to remove/replace “poor” bridges

City Maintained Roadway Bridges

Road Name	Bridge Number	Road Number	Crossing	Load Restricted	Deficiencies Noted	Notes	Future Plans
Hilly Street	2390541700100	L-5417	Richland Creek	Yes	Yes	6 Tons Per Axle, 14 Ton Gross	Remove bridge
Spartanburg Street	2390540100100	L-5401	Richland Creek	No	No	Maintenance performed in 2020	
Cleveland Street	2390007600200	L-76	US 29	No	Yes	Maintenance performed in 2020	Bridge Maintenance
Woodland Way	2390605200100	L-6052 (L-2304)	Reedy River	No	Yes		Bridge Maintenance
Willard Street	2390084500100	L-845	Reedy River	Yes	Yes	6 Tons Per Axle, 14 Ton Gross	Replace Bridge
Cleveland Park Drive	2390008200100	L-82 (L-2303) (L-80)	Richland Creek	No	Yes	2020 Assessment	Bridge Maintenance
Reedy View Drive	2390237500100	L-2375	Reedy River	No	Yes	Timber Pile, 7 Tons Per Axle, 12 Ton Gross	Remove bridge
Westfield Street	2390007900100	L-79	Reedy River	No	No	Maintenance performed in 2020	
South Main Street	2390446100100	L-4461 (L-10)	Reedy River	Yes	Yes	7 Tons Per Axle, 15 Ton Gross	PW Bridge Maintenance (\$750k)
Worley Road	2390031000100	L-310	S C L Railroad	No	No		
Worley Road	2390031000200	L-310	Southern Railway	No	No		
Dallas Road	2390043600100	L-436	Laurel Creek	Yes	No	14 Tons Per Axle, 23 Tons Gross	Replace Bridge
Old Sulphur Springs Road	2390088600100	L-886	Laurel Creek	No	No	Replaced in 2018	
Mohawk Road	2390641400100	L-6414	Richland Creek	No	No		

City Maintained Roadway Bridges



Hilly Street Bridge



Woodland Way Bridge

SCDOT Maintained Roadway Bridges*

Responsible Department: SCDOT

Total Assets in Network: 77

Existing Budget: N/A

Last funded: N/A

Condition	Asset Total (EA)	Percent of Total Network	Cost to Replace/Repair
Good	52	68%	N/A
Fair	13	17%	\$10,000,000
Poor	12	15%	\$20,000,000
Requested	N/A	N/A	N/A
TOTAL			\$30,000,000

2021 Goals: N/A

SCDOT Maintained Roadway Bridges

Top Projects
Church Street Bridge
Academy Street Bridge
McDaniel Street Bridge
Cleveland Street Bridge

City Maintained Roadway Pavement

Responsible Department: Public Works

Existing Budget: \$1,000,000 Annually

Total Assets in Network: 259 Centerline Miles

Condition	Asset Total (CL Mi)	Percent of Total Network	Cost to Replace/Repair
Good (>80 PCI)	71.18	28%	N/A
Fair	122.41	47%	\$65,000,000
Poor	65.14	25%	\$40,000,000
Requested (Widening)	156.28	N/A	\$110,000,000
		TOTAL	\$215,000,000

2021 Goals: Increase annual funding and introduce annual budget adjustments based on additional mileage of roadway added to network in the previous fiscal year.

City Maintained Roadway Pavement

Year	Worst-First (No Preservation)	New Pavement Management Program with \$1 Million Budget	New Pavement Management Program with \$3 Million Budget	Actual Performance
2017	79	79	79	78.92
2018	71	77	80	79.32
2019	70	74	80	76.33
2020	69	73	80	75.82
2021	66	70	80	

City Maintained Roadway Pavement



Verdae Boulevard

Public Works, Engineering, Parks & Rec

SCDOT Maintained Roadway Pavement

Responsible Department: SCDOT

Total Assets in Network: 107 Centerline Miles

Existing Budget: N/A

Last funded: N/A

Condition	Asset Total (CL Mi)	Percent of Total Network	Cost to Replace/Repair
Good	14.60	13%	N/A
Fair	23.36	22%	\$30,000,000
Poor	69.58	65%	\$80,000,000
Requested	N/A	N/A	N/A
TOTAL			\$110,000,000

2021 Goals: N/A

SCDOT Maintained Roadway Pavement

Road Name	Road Number	From	Road Number	To	Lane Miles (DOT)
N HUDSON ST	S-80	HAMPTON AV	S-47	W WASHINGTON ST	0.30
S HUDSON ST	S-80	W WASHINGTON ST	S-1077	N MARKLEY ST	1.00
MAYBERRY ST	S-981	S HUDSON	S-80	WILLARD ST	1.15
W BROAD ST	S-79	W WASHINGTON ST	S-147 / S-1077	W MCBEE AV	0.38
W MCBEE AV	S-75	W BROAD ST	S-79	ACADEMY ST	0.82
E PARK AV	S-94	STONE AVE	US-276	N MAIN ST	1.90
W PARK AV	S-94	N MAIN ST	LOCAL CITY	ATWOOD ST	0.57
ATWOOD ST	S-94	W PARK AV	S-94	BUNCOMBE ST	0.45
W WASHINGTON ST	S-147 & S-1077	E BRAMLETT	S-105	E WASHINGTON ST	4.87
E WASHINGTON ST	S-75 & S-1077	W WASHINGTON ST	S-1077	LAURENS ROAD	3.65
MCDANIEL AV	S-14	E MCBEE AV	LOCAL CITY	AUGUSTA ST	4.57
N MAIN ST	S-3	COLLEGE ST	SC-183	RUTHERFORD RD	6.39
RIVER ST	S-664	W MCBEE AV	LOCAL CITY	S MAIN ST	1.35
S RICHARDSON ST	S-664	W WASHINGTON ST	S-1077	W MCBEE AV	0.26
RICHARDSON ST	S-664	COLLEGE ST	SC-183	W WASHINGTON ST	1.00
TOWNES ST	S-664	W PARK AV	S-94	COLLEGE ST	0.87



SCDOT Maintained Roadway Pavement

North Main Street

City Maintained Sidewalks (Existing)

Responsible Department: Public Works

Existing Budget: \$1,000,000 (NSTEP)

Total Assets in Network: 157.27 Miles

Last funded: 2021 (Annual)

Condition	Asset Total (Mi)	Percent of Total Network	Cost to Replace/Repair
Good	140.86	89%	N/A
Fair	15.01	10%	\$20,000,000
Poor	1.41	1%	\$2,000,000
		TOTAL	\$22,000,000

2021 Goals: Increase NSTEP budget and create annual budget for sidewalk maintenance contracts

**More than 130 miles without sidewalks in the City would cost \$175,000,000 to construct*

City Maintained Sidewalks

Top Projects	Project Type
Pettigru District	Sidewalk Maintenance
Potomac Area	Sidewalk Maintenance
Cleveland St Ext	NSTEP
Chick Springs	NSTEP
Henderson	NSTEP
Cavalier	NSTEP



**City Maintained
Sidewalks**

Potomac Avenue

SCDOT Maintained Sidewalks (Existing)

Responsible Department: SCDOT

Total Assets in Network: 80 Miles

Existing Budget: N/A

Last funded: N/A

Condition	Asset Total (Mi)	Percent of Total Network	Cost to Replace/Repair
Good		20%	N/A
Fair (Incl. Missing Curb Lawn)		60%	\$65,000,000
Poor		20%	\$20,000,000
		TOTAL	\$85,000,000

2021 Goals: N/A

More than 63 miles without sidewalks estimated to cost \$90,000,000 to construct

SCDOT Maintained Sidewalks

Top Projects	Project Type
Laurens Road	Corridor Enhancement
Wade Hampton Boulevard	Corridor Enhancement
Augusta Street	Corridor Enhancement

City Maintained ADA Ramps

Responsible Department: Public Works

Total Assets in Network: 3070 Ramps

Existing Budget: N/A

Last funded: 2019

Condition	Asset Total (EA)	Percent of Total Network	Cost to Replace/Repair
Good	2990	97%	N/A
Fair	61	2%	\$400,000
Poor	19	1%	\$200,000
Resurfacing Catch-up	55	N/A	\$350,000
		TOTAL	\$950,000

2021 Goals: Create funding source for ADA ramp replacement/repair

City Maintained ADA Ramps

Ramp Catch-up Program List
Elm St
S. Memminger
Prancer
Gatling
Sumner
Keowee
Spartanburg
Exposition



City Maintained Guardrail

Responsible Department: Public Works

Existing Budget: N/A

Total Assets in Network: 23,342 linear feet

Last funded: N/A

Condition	Asset Total (LF)	Percent of Total Network	Cost to Replace/Repair
Good	4,692	20%	N/A
Fair	7,404	32%	\$850,000
Poor	11,246	48%	\$1,100,000
Requested	5,000	N/A	\$750,000
		TOTAL	\$2,700,000

2021 Goals: Create funding source for guardrail replacement/repair

City Maintained Guardrail

W-Beam Steel	Galvanized Steel	Poor	DALLAS RD
W-Beam Steel	Galvanized Steel	Poor	VERDAE BLVD
W-Beam Steel	Wood	Poor	OLD SULPHUR SPRINGS RD @ VERDAE BLVD
W-Beam Steel	Galvanized Steel	Poor	VERDAE BLVD
W-Beam Steel	Galvanized Steel	Poor	W ORCHARD PARK DR
W-Beam Steel	Wood	Poor	HALTON RD
Bridge Rail	Galvanized Steel	Poor	HILLY ST
Wood Timber	Wood	Poor	MOHAWK DR
W-Beam Steel	Galvanized Steel	Poor	BENNETT ST
W-Beam Steel	Galvanized Steel	Poor	LOTUS CT @ DELLWOOD DR
W-Beam Steel	Galvanized Steel	Poor	WORLEY RD
W-Beam Steel	Galvanized Steel	Poor	CLARK ST
W-Beam Steel	Galvanized Steel	Poor	SPARTANBURG ST

City Maintained Guardrail



Verdae Boulevard



University Ridge

Underperforming Intersections

Responsible Department: Public Works/SCDOT

Existing Budget: \$200,000

Total Assets in Network: 202

Last funded: 2020

Condition	Asset Total (EA)	Percent of Total Network	Cost to Replace/Repair
Safety Projects	16	8%	\$12,000,000
Downtown Traffic Master Plan Projects	18	9%	\$4,500,000
GPATS	8	4%	\$40,000,000
Requested (Corridor)	N/A	N/A	\$15,000,000
		TOTAL	\$71,500,000

2021 Goals: Continue to fund intersection safety and DTMP projects

Underperforming Intersections in the City Limits

Top Projects	Project Type
Pendleton/Academy Intersection	Safety Study/DTMP
Downtown Bypass Route (E. North, Academy, Washington, McBee, etc)	DTMP
Wade Hampton Corridor	Requested Corridor/Wade Hampton Strategic Plan
Laurens Road/Antrim/Pleasantburg	Safety Study & GPATS
Pleasantburg/Wade Hampton	GPATS

A wide-angle photograph of a street intersection at dusk. The sky is a mix of orange, pink, and grey. In the background, there are several houses, including a prominent white two-story house with a porch. A traffic light on the left shows a red light, while one on the right shows a green light. Several cars are visible on the road, including a yellow minivan and a dark blue sedan. The road surface is dark and appears to have some potholes or cracks. The overall scene suggests a suburban or rural setting.

Underperforming Intersections

Pendleton at Academy

Stormwater Infrastructure

Responsible Department: Public Works

Total Assets in Network: 1.8M feet of pipe

Existing Budget: \$6.2M (\$3.8M Operations)

City Infrastructure Replacement Cost: \$156M

Ownership	Length	Condition	Percentage of Total	Cost to Repair
City	622,000 LF	24% Poor	35%	\$38,000,000
County	9,500 LF	unknown	1%	N/A
Private	704,000 LF	unknown	39%	N/A
State	452,000 LF	unknown	25%	\$15,000,000

2021 Goals: Continue with *Stormwater 2.0* CIP Prioritization and Asset Inventory/Condition Assessment Program

Stormwater CIP List

CIP Project	Project Cost	CIP Project	Project Cost
Laurens Road Area Flooding	\$3,830,245	Meyers Drive	\$132,813
Rhett Street Drainage	\$2,274,604	Laurel Creek (R-01a)	\$863,000
Stream Repair Post 2/6/20 Flood	\$158,125	Lanneau Dr. Improvements	\$345,000
Bandalong	\$240,000	Richland Creek (R-27-06-02-1)	\$500,000
White Oak Area	\$4,500,000	Spero Property	\$700,000
Timmons Park Stream Restoration	\$368,714	Greenland Dr to Dera St	\$935,000
N. Scarlett St	\$477,000	Laurel Creek (R-01b)	\$1,176,000
Verdae Creek Realignment	\$1,000,000	Lockwood Ave	\$380,000
Pinehurst Dr	\$587,000	Hillside Cir	\$307,000
Fisher Dr	\$786,000	Laurel Creek (R-01-17)	\$476,000
Richland Creek (R-27-02)	\$582,000	Pine Forest Dr.	\$300,000
Robin Hood Rd	\$525,000	Asset Inventory & Assessment	\$3,000,000
TOTAL \$24.4 M			

Stormwater Infrastructure



Pendleton Street

City Owned Traffic Signals

Responsible Department: Public Works

Existing Budget: \$0

Total Assets in Network: 14 intersections

Last funded: N/A

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	5	36%	\$60,000
Fair	3	22%	\$603,000
Poor	6	43%	\$5,970,000
		TOTAL	\$6,633,000

2021 Goals: Install internally illuminated street signs and video detection on good mast arms

City Owned Traffic Signals

Location	Mast Arms	Conduit	Other Needs
Broad Street and Falls Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Broad Street and River Street	Duke - transformer	Poor	IISNS, video, fiber & conduit
Coffee Street and Spring Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Main Street and Broad Street	Duke - traditional	Poor	IISNS, video, fiber & conduit
Main Street and Coffee Street	Duke - traditional	Poor	IISNS, video, fiber & conduit, cabinet
McBee Street and Falls/Spring Street	Duke - transformer	Poor	IISNS, video, fiber & conduit

Traffic Signals



Academy at Elford

SCDOT Signal Infrastructure

Responsible Department: Public Works

Existing Budget: \$0

Total Assets in Network: 188 intersections

Last funded: 2021

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	41	22%	\$688,000
Fair	117	62%	\$22,881,000
Poor	30	16%	\$29,886,000
		TOTAL	\$53,455,000

2021 Goals: Install internally illuminated street signs and video detection on good mast arms

SCDOT Signal Infrastructure

Location	Mast Arms	Conduit	Other Needs
Academy Street and College Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Academy Street and Elford Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Academy Street and Main Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Academy Street and McBee Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Academy Street and Washington Street	Duke - transformer	Poor	IISNS, video, fiber & conduit, cabinet
Church Street and Beattie Place	Duke - transformer	Poor	IISNS, fiber & conduit, cabinet
Church Street and Coffee Street	Duke - transformer	Poor	IISNS, fiber & conduit, cabinet
Church Street and E. North Street	Duke - transformer	Poor	IISNS, fiber & conduit, cabinet
Church Street and Elford Street	Duke - transformer	Poor	IISNS, fiber & conduit, cabinet
Church Street and Washington Street	Duke - transformer	Poor	IISNS, fiber & conduit, cabinet

SCDOT Signal Infrastructure

- 25 remaining NEMA cabinets
 - 22 state-owned
 - 3 city-owned
- Power meters mounted to the side of the cabinet pose an electrical hazard to crews
- Base extenders help with safety
 - Power feed is separated



Academy Street and College Street



Main Street and Augusta Street / River Street

Traffic Signal Communications

Responsible Department: Public Works

Existing Budget: \$0

Total Assets in Network: 202 intersections

Last funded: N/A

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	70	35%	N/A
Fair	5	2%	\$250,000
Poor	127	63%	\$3,750,000
		TOTAL	\$4,000,000

2021 Goals: Coordinate with SCDOT to connect signals with existing fiber connections

Traffic Signal Communications

Corridors Needing Fiber	Length (mi)
Buncombe Street / Pete Hollis Boulevard	2.4
Central Business District	3.6
Church Street	2.5
Augusta Street	4.7
Mauldin Road	2.1
Patewood Drive/Halton Road	3.6
Rutherford Road	3.1
Verdae Boulevard	2.2
Laurens Rd/Fairforest Way	2.5
Other	6.2
Total	32.9

City Owned Pavement Markings

Responsible Department: Public Works

Existing Budget: \$40,000 annually

Total Assets in Network: 124.8 miles

Last funded: 2021

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	53.9 mi	43%	\$430,000
Fair	48.5 mi	39%	\$385,000
Poor	22.4 mi	18%	\$180,000
		TOTAL	\$995,000

2021 Goals: Reduce "Poor" condition to below 15% using FY21 funding.

City Owned Pavement Markings

Marking Type	Percentage of Network
Double Yellow	35%
Solid White	22%
White Skips	13%
Crosswalks	3%
Stop Bars	2%
Other	25%

City Owned Pavement Markings



Market Point Drive

SCDOT Owned Pavement Markings*

Responsible Department: SCDOT

Existing Budget: N/A

Total Assets in Network: Approx. 500 mi

Last funded: N/A

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	300	60%	N/A
Fair	150	30%	\$750,000
Poor	50	10%	\$250,000
		TOTAL	\$1,000,000

2021 Goals: N/A

City Owned Signs

Responsible Department: Public Works

Existing Budget: \$16,000 annually

Total Assets in Network: 13,025 signs

Last funded: 2021

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	11,175	86%	\$840,000
Fair	1,710	13%	\$130,000
Poor	140	1%	\$10,000
		TOTAL	\$980,000

2021 Goals: Reduce number of poor signs using in-house forces to the greatest extent practical.

City Owned Signs

Poor Signs - Type	Number of Poor Signs
Regulatory	24
Warning	11
Guide	15
Other	90

Commercial Utility Undergrounding

Responsible Department: Public Works

Total Assets in Network: N/A

Existing Budget: \$6,000,000 (committed to Unity Park)

Last funded: 2021

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	N/A	N/A	N/A
Fair	N/A	N/A	N/A
Poor	N/A	N/A	N/A
Requested	10 Projects	N/A	\$20,000,000*
		TOTAL	\$20,000,000

2021 Goals: Complete the Unity Park and Rutherford Road undergrounding projects

* Duke will contribute dollar for dollar match for undergrounding electrical lines

Commercial Utility Undergrounding

Top Projects	Type
1 - Unity Park Phase IB	Underground
2 - Unity Park Phase II	Underground
3 – Laurens Rd from Antrim Road to Washington	Overhead relocation/Poles consolidation/Underground
4 - Rutherford Street – Arby's and Gateway House	Underground
5 - Augusta & Conestee – Fifth-Third Bank Site	Overhead and poles consolidation
6 - Mayberry Street – Unity Park Phase III	Underground
7 - River Street from Broad Street to Rhett Street in front of proposed Arts and Events center	Underground
8 - W. Washington Phase III – from Trescott Street to S. Hudson	Underground
9 - Rhett Street from River Street to Ware Street	Underground
10 – Pendleton Street from Main Street to Traction St.	Underground/Overhead Relocation/ Poles consolidation

Commercial Utility Undergrounding



Haywood Road

City Owned Pavers & Plazas

Responsible Department: Public Works

Existing Budget: N/A

Total Assets in Network: 12

Last funded: N/A

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	3	25%	N/A
Fair	6	50%	\$200,000
Poor	3	25%	\$500,000
		TOTAL	\$700,000

2021 Goals: N/A

City Owned Pavers & Plazas

Top Areas of Note
Max Heller Plaza
Augusta and Main Plaza
Court Square
One City Plaza
Village of West Greenville Plaza
Falls Park Drive
Rhett Street
Hammond Street

City Owned Parking Garages

Responsible Department: Public Works

Existing Budget: \$1,300,000

Total Assets in Network: 12 Garages

Last funded: 2021

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	12	100%	\$1,300,000 / Year
Fair	N/A	N/A	
Poor	N/A	N/A	
Requested	N/A	N/A	
		TOTAL	\$1,300,000 / Year

2021 Goals: Continue with Garage Rehabilitation program.

City Owned Parking Garages

Garage	Year Built
Aloft	2015
Broad	2016
Church Street	1998
Commons	1982
Liberty Square	1984
North Laurens	1988
Poinsett	1999
Richardson	1997
River Street	2005
Riverplace	2005
Spring Street	2003
Washington	1990

City Owned Building Facilities

Responsible Department: Public Works

Existing Budget: \$1,600,000

Total Assets in Network: 42 Facilities

Last funded: 2021

Condition	Asset Total	Percent of Total Network	Cost to Replace/Repair
Good	15	36%	N/A
Fair	14	33%	\$306,500
Poor	13	31%	\$8,425,000
Requested	N/A	N/A	N/A
		TOTAL	\$8,731,500

2021 Goals: Address immediate needs using available maintenance budget.

*** Does not include needed City Hall renovations**

City Owned Building Facilities

Top Priorities	Project Type
Greenlink Transit Center	Remediation of moisture intrusion
Fire Training Tower	Replacement
Riverplace Fountain Systems	Major Repairs
City Owned Street Lighting	Major Repairs
Municipal Court (Lower Level)	Major Repairs
Traffic Engineering Building	Major Repairs
Municipal Court (Upper Level)	Major Repairs
Fire Station #6 (Eastside)	Major Repairs
Fire Station #5 (Storage Building)	Major Repairs
Heritage Green Plaza Fountain	Major Repairs
Fire Station #4 (Stone Avenue)	Replacement
Fire Station #4 (Stone Avenue)	Replacement
Fire Training Storage (Classroom)	Replace Roof
Mary's Cottage Fountain	Replace Pumps