



Capital Improvement Plan (CIP)

CIP/Debt

GF CIP Funding Plan

(established FY17)

- Create multi-year CIP recommendations.
- Maintain a contingency reserve of \$500K - \$1.5 million each year.
- Plan is subject to annual review and reprioritization to accurately reflect current/future needs and changing circumstances.

2022 CIP Process

- **December:** BMS conducted inaugural CIP Stat/Governance meeting
- **December 16, 2020:** CIP Kickoff
- **January 29, 2021:** CIP requests due
- **February:** Departments present recommendations to internal scoring committee
- **April:** Recommendation submitted to City Manager
- **May:** Recommendations presented to City Council

CIP Project Viewer

City of Durham CIP Project Viewer

Capital Improvement Program (CIP)

Capital Project Overview

Active Projects

Completed Projects

122

Active Projects

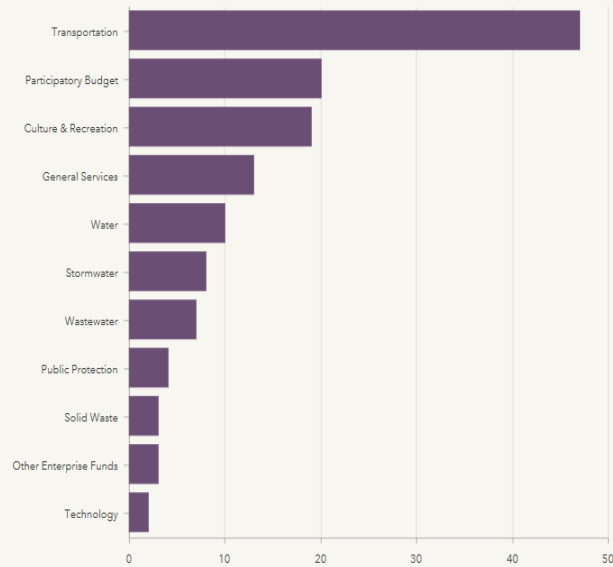
19 On Hold

2 Delayed

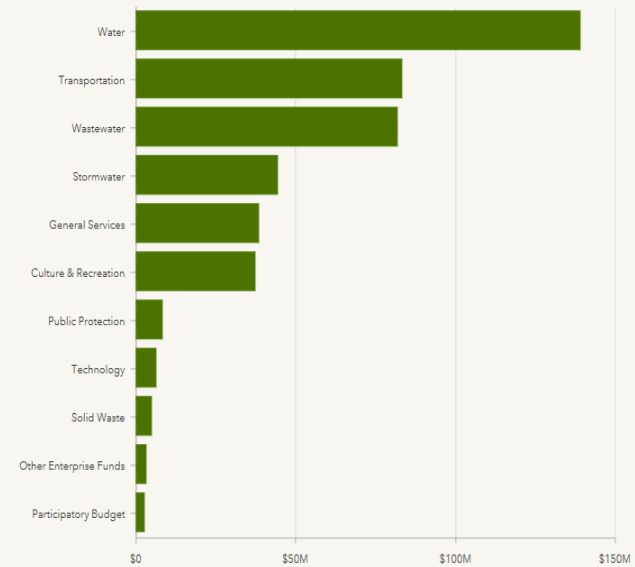
82

Projects Completed since 2010

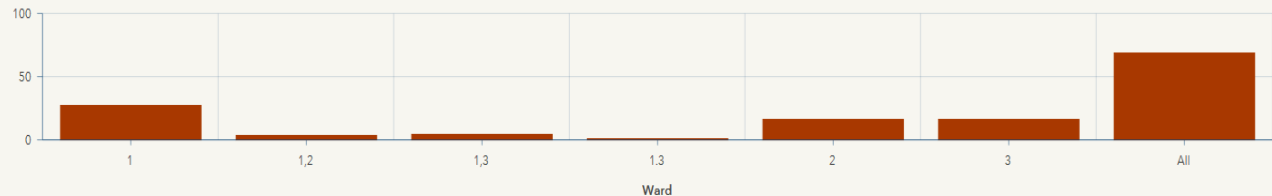
Active Project Count by Service Area



Budget for Active Projects by Service Area



Active Project Count by City Council Ward(s)



CIP Project Viewer

City of Durham CIP Project Viewer



- Capital Improvement Program (CIP)
- Capital Project Overview
- Active Projects
- Completed Projects

Active Projects

Use the drop-downs to select a project or filter by category, or use the selection tool to choose a project on the map

Select a

Project:

Filter by Service Area:

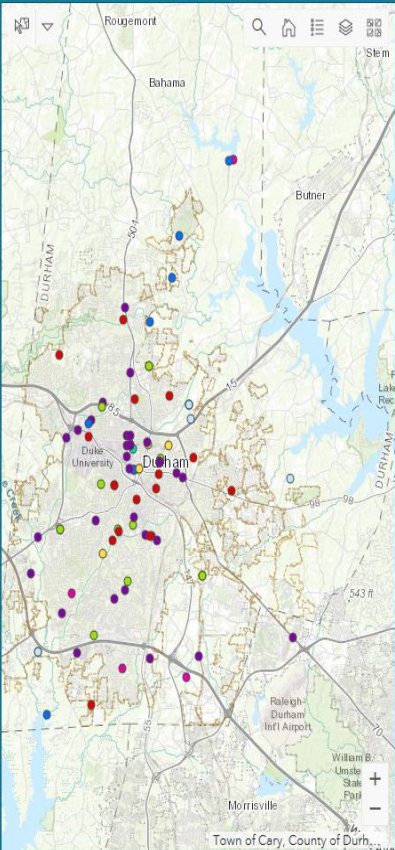
by Department:

by Project Stoplight Status:

by City Council Ward:

by PAC District:

Select date range to view recently updated projects only:



Select a project from the drop-down or on the map

Description:

Request Type:

Start Date:

Original Projected Completion Date:

Project Manager:

Service Area:

Department:

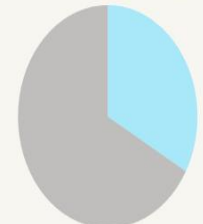
City Council Ward:

Partners Against Crime (PAC) District:

Amounts can be filtered by Project, Service Area, Department, or Stoplight Status

Authorized Budget
\$401,306,722

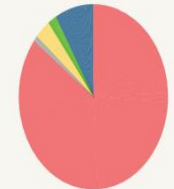
Legally Available Fund Balance



- Expenditures / Encumbrances: \$133,113,237
- Available Balance: \$268,193,485

Appropriations for Expenditures
\$2,528,564,809

Appropriations by Specified Purpose



- Construction (2004): \$131,220
- Construction (2005): \$107,659
- Construction (2006): \$33,866.6
- Construction (2007): \$63,304.6
- Construction (2008): \$75,642.0

* Excludes amount for years later than 2022

Operating Costs
\$22,664,525

- Budget
- Phase
- Project Stoplight



CIP Project Viewer

City of Durham CIP Project Viewer

Capital Improvement Program (CIP) | Capital Project Overview | **Active Projects** | Completed Projects

Active Projects

Use the drop-downs to select a project or filter by category, or use the selection tool to choose a project on the map

Select a Project:
Accessible Pedestrian Signal Improve...

Filter by Service Area:
All

by Department:
All

by Project Stoplight Status:
All

by City Council Ward:
All Projects

by PAC District:
All Projects

Select date range to view recently updated projects only:
[] []


Accessible Pedestrian Signal Improvements

Project has Full Funding.
Description:
The Accessible Pedestrian Signal Improvements project will design and construct sidewalk, curb ramp and audible pedestrian crossing improvements at various locations throughout the city. The project will support persons with disabilities in the areas of housing, education, recreation, transportation and employment.
Request Type: New

Start Date: July 2019
Original Projected Completion Date: June 2021

Project Manager: Peter Nicholas
Service Area: Transportation
Department: Transportation
Division/Program: Transportation
Master Plan: Durham Bike+Walk Implementation Plan
Major Project Code: LC431
City Council Ward: All
Partners Against Crime (PAC) District: All

Stoplight Report


Project is On Track

Budget | Phase | Project Stoplight

<https://durhamnc.maps.arcgis.com/apps/MapSeries/index.html?appid=b61fe1f535e347ef9c0036299a5b02fb>

General Fund FY22 Project Updates

Project	Department	FY22 Request	Total Project Cost
1 Microwave Upgrade	Emergency Communications	2,000,000	2,000,000
2 Valley Springs Park Sewer Line	General Services	100,000	100,000
3 Old Chapel Road Park Artificial Turf Replacement	General Services	800,000	800,000
4 Athletic Court Resurfacing (revised)	General Services	230,000	560,000
5 PWOC Renovations	General Services	500,000	5,800,000
6 Rockwood Trail (Impact Fees, Z1@\$3.5M)	General Services/DPR	950,000	7,470,000
7 LED Lights DPR Courts/Fields	General Services/DPR	270,000	1,712,387
8 Fire Station #19	General Services/DPR	950,000	6,717,413
9 Cultural and Public Art	General Services	75,000	700,000
10 Morgan Rigsbee Mixed-Use Parking Garage Up-fit	General Services	1,166,955	1,166,955
11 Durham Beltline Trail	General Services	4,807,865	9,000,000
12 Annual Repaving and Pavement Preservation *	Public Works/Engineering	20,000,000	120,000,000
13 Sidewalk Repair	Public Works/Engineering	2,500,000	15,000,000
14 Unpaved Roads Program	Public Works/Engineering	1,200,000	7,200,000
15 Bridge Maintenance and Repair (revised)	Public Works/Engineering	750,000	750,000
16 Road Repaving and Rebuilding (DWM)	Public Works/Engineering	6,000,000	6,000,000
17 New Sidewalks (revised)	Transportation	2,909,601	51,976,720
18 Signalized Pedestrian Upgrades (revised)	Transportation	750,000	2,214,269
19 New Traffic Signal Installation (City Intersection)	Transportation	180,000	955,645
20 Bicycle Facilities	Transportation	775,000	6,145,000
21 New Traffic Signal Installations (NCDOT Intersections)	Transportation	240,000	1,274,192
22 Pavement Marking Grinding and Traffic Signal On-Call Services	Transportation	500,000	2,654,568
23 Downtown Wayfinding Phase II (revised)	Transportation	750,000	750,000
24 E. Club Boulevard Sidewalks Ph. II	Transportation	1,700,000	1,700,000
	TOTAL	\$50,104,421	\$252,647,149



Bold indicates new request. (Revised) indicates projects requesting funding changes.

Current Debt Model

- Fixed tax rate to pay debt service and cash funded capital
- Assumes interest only draw programs followed by fixed rate take out financing
- Assumes 10% cash funded capital
- Pays for General Fund capital, General Fund fleet and debt service for non-self supporting enterprise funds (Ballpark & Parking)

Tax Rate for Capital (Debt/Cash Funded)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total Capital	76,979,957	28,145,648	22,901,247	15,052,207	23,673,844	29,679,942	39,731,475	15,439,269	11,439,085	9,681,164
Cash Funded	4,470,365	2,814,565	2,290,125	1,505,221	2,367,384	2,967,994	3,973,147	1,543,927	1,143,909	968,116
Debt Funded	72,509,592	25,331,083	20,611,123	13,546,986	21,306,460	26,711,948	35,758,327	13,895,342	10,295,177	8,713,048
Tax Rate for Capital	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00
Revenues	40,212,232	40,311,844	41,516,128	42,759,131	44,043,659	46,526,582	47,919,611	48,120,527	49,595,101	51,076,365
Debt Service / Spending	48,020,810	40,629,310	46,077,046	45,933,889	48,784,159	48,491,699	46,136,073	47,628,515	47,323,034	47,277,102
Annual Surplus/Deficit	(7,808,578)	(317,466)	(4,560,918)	(3,174,758)	(4,740,500)	(1,965,116)	1,783,538	492,011	2,272,067	3,799,263
Ending Fund Balance	14,854,947	14,537,481	9,976,563	6,801,806	2,061,306	96,189	1,879,728	2,371,739	4,643,806	8,443,069

Options for Capital Capacity

- Current capacity is consumed absent changes in plan
- 1 cent on tax rate = debt service on \$45-\$50M (Fixed rate, single debt issuance, current interest rates, 20 years)
- Maximum borrowing capacity within current tax rate and fund balance = \$0

Other Debt Activity

- Will refinance existing water/sewer \$263M line of credit – Summer 2021
- Evaluating timing and sizing of next line of credit for General CIP program – projected Fall 2021
- Evaluating timing and sizing of Affordable Housing Bond

Enterprise Fund: New CIP Requests

FY22 Projects with other funding sources			
<u>Project</u>	<u>Department</u>	<u>FY22 Request</u>	<u>Total Cost</u>
1 Materials Recycling Facility (MRF)	Solid Waste Fund	600,000	7,200,000
2 Waste Disposal & Recycling Ctr. Reconfiguration	Solid Waste Fund	75,000	575,000
3 Yard Waste Site Repairs	Solid Waste Fund	50,000	1,150,000
4 S. Durham Convenience Ctr./Transfer Station	Solid Waste Fund	175,000	5,560,000
5 Tipping Floor Building 1	Solid Waste Fund	50,000	350,000
6 Stormwater Infrastructure	Stormwater Fund	2,800,000	13,800,000
7 S. Ellerbe Restoration	Stormwater Fund	3,400,000	12,650,000
8 Algae Turf Scrubber	Stormwater Fund	1,225,000	8,800,000
9 Stormwater Retrofiiting	Stormwater Fund	500,000	5,390,000
10 Watershed Planning	Stormwater Fund	100,000	2,655,000
11 DCTC Bus Lifts	Transit Fund	475,000	475,000
12 DCTC Building Repair	Transit Fund	185,000	185,000
13 Parts and Fuel System Software	Transit Fund	125,000	125,000
14 DCTC Bus Vacuum	Transit Fund	200,000	200,000
15 Fay Street HVAC and AHU Replacements	Transit Fund	350,000	350,000
16 Water Extensions and Improvements	Water and Sewer Fund	2,000,000	10,000,000
17 Sewer Extensions and Improvements	Water and Sewer Fund	2,000,000	7,000,000
18 Water Facilities Rehabilitation	Water and Sewer Fund	8,700,000	26,250,000
19 Sewer Collection System Rehabilitation	Water and Sewer Fund	24,000,000	191,208,300
20 WM Facility Expansion	Water and Sewer Fund	9,150,000	9,150,000
21 Facility Paving	Water and Sewer Fund	300,000	1,125,000
22 Lake Michie and Little River Rehabilitation	Water and Sewer Fund	42,000,000	65,940,000
Total \$		98,460,000	\$ 370,138,300

FY 2022 Fleet Requests

<u>Fleet</u>	<u>FY22 Request</u>	<u>Funding Source</u>
1 General Fund	8,500,000	Debt Fund
2 Inspection Fund	133,930	Pay-Go
3 Solid Waste	3,238,400	SW Fund
4 Stormwater	499,500	Pay-Go
5 Water & Sewer	751,570	Pay-Go
Totals:	\$ 13,123,400	