CITY OF STONECREST
TRANSPORTATION MASTER PLAN

City Council Working Session

August 10, 2020

Purpose of Transportation Master Plan

- Address transportation issues and needs in the City of Stonecrest
- Establish study goals and objectives
- Identify mobility solutions and enhancements
- Create a 30-year vision for transportation
- Establish transportation policies, programs and projects
- Identify costs and funding opportunities
- Define actions to leverage funding and implement projects

Improve Connectivity for Live, Work and Play

Develop multi-modal transportation solutions that provides seamless connectivity for residents and visitors to access jobs and other activities.

Reduce Traffic Congestion

Enhance traffic capacity and travel flow along major roadways.

Enhance Biking and Walking Access

Identify bicycle and pedestrian infrastructure improvements that provide greater access to transit and recreational areas.

Increase Travel Safety

Incorporate design treatments and policy measures to increase mobility and safety.

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Project Timeline

We are here

September 2019
Collect and review existing data and plans

October 2019 – December 2019
Conduct concentrated public and stakeholder involvement to identify project needs

January 2020 – February 2020
Assess transportation needs

March 2020 – April 2020
Develop a draft list of recommended projects

May 2020
Conduct concentrated public and stakeholder involvement to present draft recommendations and obtain feedback on project list and funding priorities

June 2020
Publish final Transportation Master Plan

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Project Development Process

Needs Identification

- Technical Analysis
  - Needs Assessment Report
- Public & Stakeholder Identified Needs
  - Online Survey
  - Stakeholder Interviews
  - Community Pop-ups
- Project Management Team Coordination
  - Confirmation of Needs

Potential Project List

- Roadway Improvements
- Transit Improvements
- Bicycle & Pedestrian Improvements

Project Prioritization

- Revenue Projections
- Cost Estimates
- Project Goals & Measures

Recommended Plan

- Short, Medium and Long-Range Improvements
- City-Wide Programs and Policies
- Implementation Action Plan

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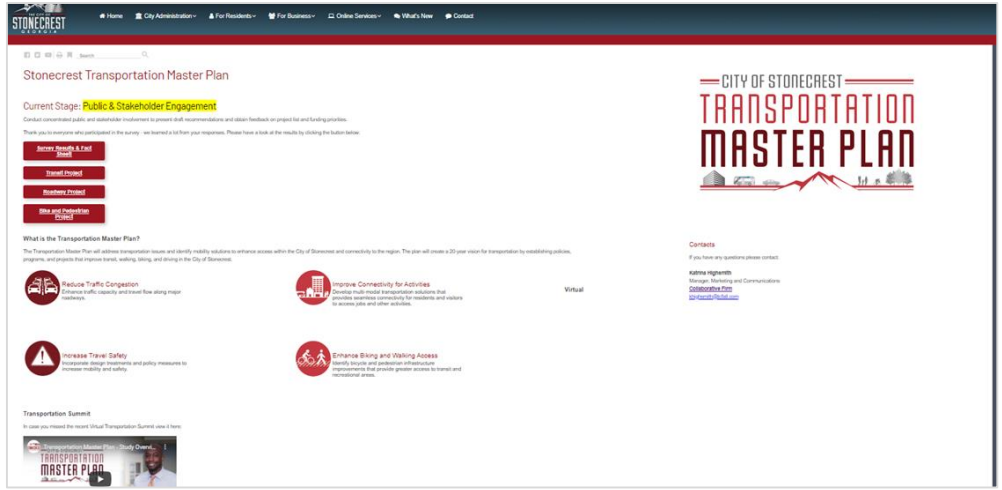
TMP Outreach Strategy

- Engage and educate public and stakeholders on Transportation Master Plan
- Identify transportation needs and opportunities
- Project Webpage and Fact Sheet
- Project Updates
  - City Council
  - SPLOST Citizens Oversight Advisory Committee
- Social Media Outreach and Email Distribution
  - Facebook, Twitter, Instagram, Mail Chimp
  - Next Door Mobile Application-Stonecrest Residents
  - HOA Groups
  - On Common Ground & The Champion
- Estimated reach of approximately 245,000 people



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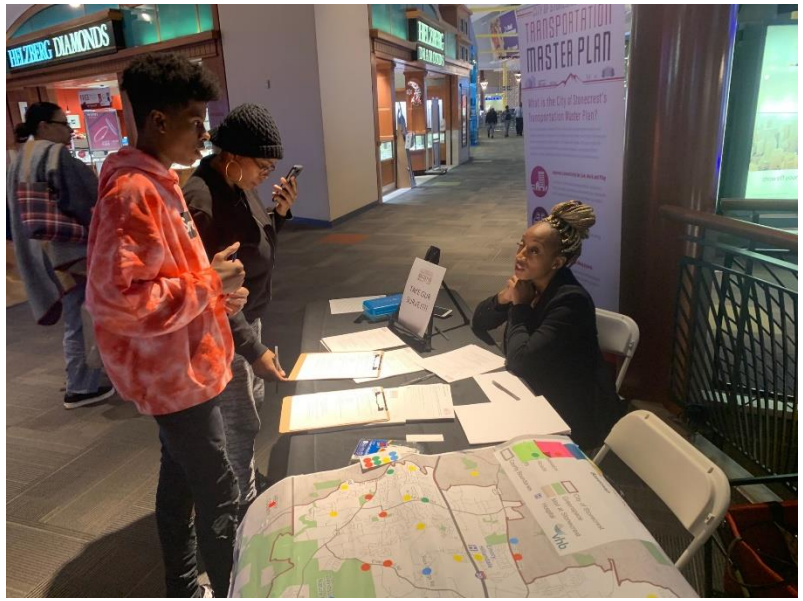
Stakeholder Interviews & Focus Groups

- Total of 75 participants representing local and regional organizations including:
  - City of Stonecrest Elected Officials and Staff
  - Stonecrest Business Alliance
  - Chamber of Commerce
  - Lithonia Industrial Park
  - Snapfinger Woods Industrial Park
  - Arabia Mountain National Heritage Area
  - Allen Family Investments, LLC
  - Stonecrest Connect
  - DeKalb County
  - MARTA

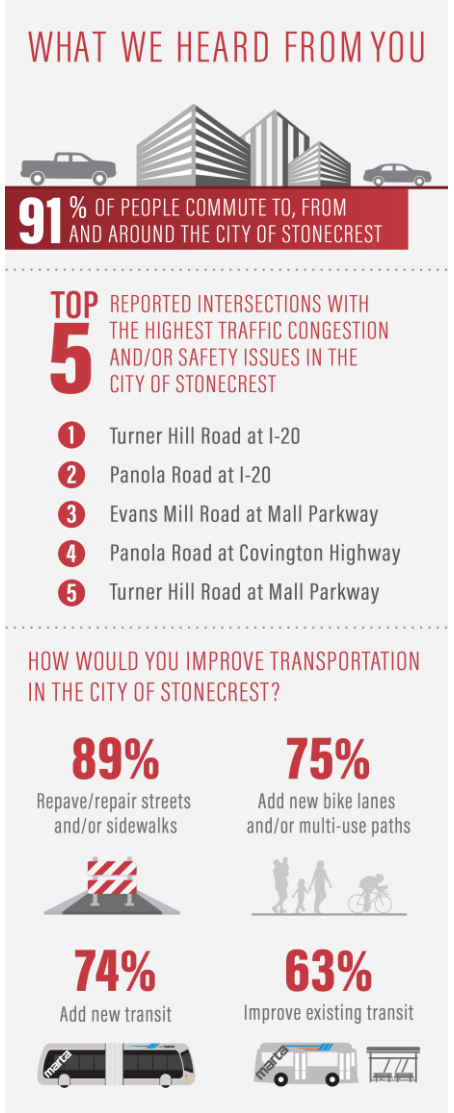
Public Outreach Activities & Events

- Online Survey – 140 survey responses received
- Community Pop-Up Events - 75 participants
  - Stonecrest Fest – *October 5, 2019*
  - Browns Mill Community Center Re-Opening – *October 12, 2019*
  - Stonecrest Mall – *November 21, 2019*
  - Salem-Panola Library – *December 7, 2019*
  - Stonecrest Library – *December 10, 2019*
  - Browns Mill Community Center – *January 26, 2019*
  - Stonecrest City Hall – *February 20, 2020*
- Virtual Transportation Summit – 54 participants



Needs Assessment Key Takeaways

- **Prioritize maintenance** of existing roadways and transportation infrastructure
- **Identify intersection improvements** that increase efficiency and address safety
- **Expand transit service** in unserved and underserved areas (south of Interstate 20)
- **Construct new sidewalks** to connect neighborhoods, schools, parks, community facilities and transit
- **Extend multi-use paths** between recreational, communities and new developments to encourage walking and biking
- **Identify funding sources** and program management structure and partnerships to deliver transportation improvements



Universe of Projects

Maintenance
- Resurfacing
- Routine Maintenance
- Landscaping

Capacity
- Widen Roads
- Construct New Roads

Operations
- Intersection Improvements
- Traffic Signals
- Safety Improvements

City-Wide Programs and Policies
- Streetscape Design & Beautification
- Gateway Bridges
- Traffic Operations Management
- Local Truck Traffic Ordinance
- Travel Demand Management (TDM)

Bicycle & Pedestrian
- New Pedestrian Facilities
- New Bicycle Facilities

Transit
- New Bus Shelters
- Expanded Bus Routes
- New Transit Center

Program Management, Engineering & Planning Studies

Current and Potential Funding

- Current funding sources
  - City of Stonecrest SPLOST
  - GDOT Local Maintenance & Improvement Grant (LMIG)
- Available funding sources
  - GDOT Off-System Safety and Federal-Aid Program
  - ARC Transportation Improvement Program (TIP) and Livable Centers Initiative (LCI)
  - Congestion Mitigation & Air Quality (CMAQ)
  - MARTA Tax
- Potential funding sources
  - State and Federal Infrastructure Funding
  - Georgia Transportation Infrastructure Bank (GTIB)
  - Community Improvement District (CID)
  - Impact Fees
  - Tax Allocation Districts (TAD)
  - Bonding

Funding Source	2020 – 2024	2025 – 2029	2030 – 2039	2040-2050	Total
SPLOST	$28,000,000	$30,000,000	$70,500,000	$95,400,000	$223,900,000
GDOT LMIG	$3,100,000	$3,600,000	$8,300,000	$11,200,000	$26,200,000
Future Sources	$6,200,000	$11,500,000	$26,700,000	$36,100,000	$80,500,000
Total	**$37,300,000**	**$45,100,000**	**$105,500,000**	**$142,700,000**	**$330,600,000**

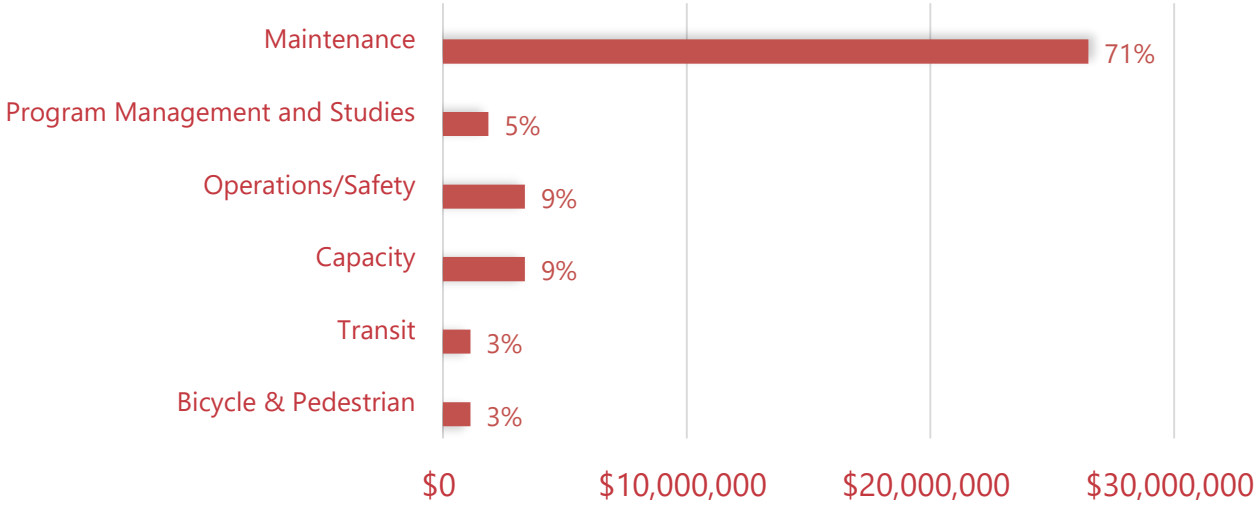
$2,000,000 per year estimate for additional funding based on success in peer cities. Projected starting in 2022 and inflated 2% per year.

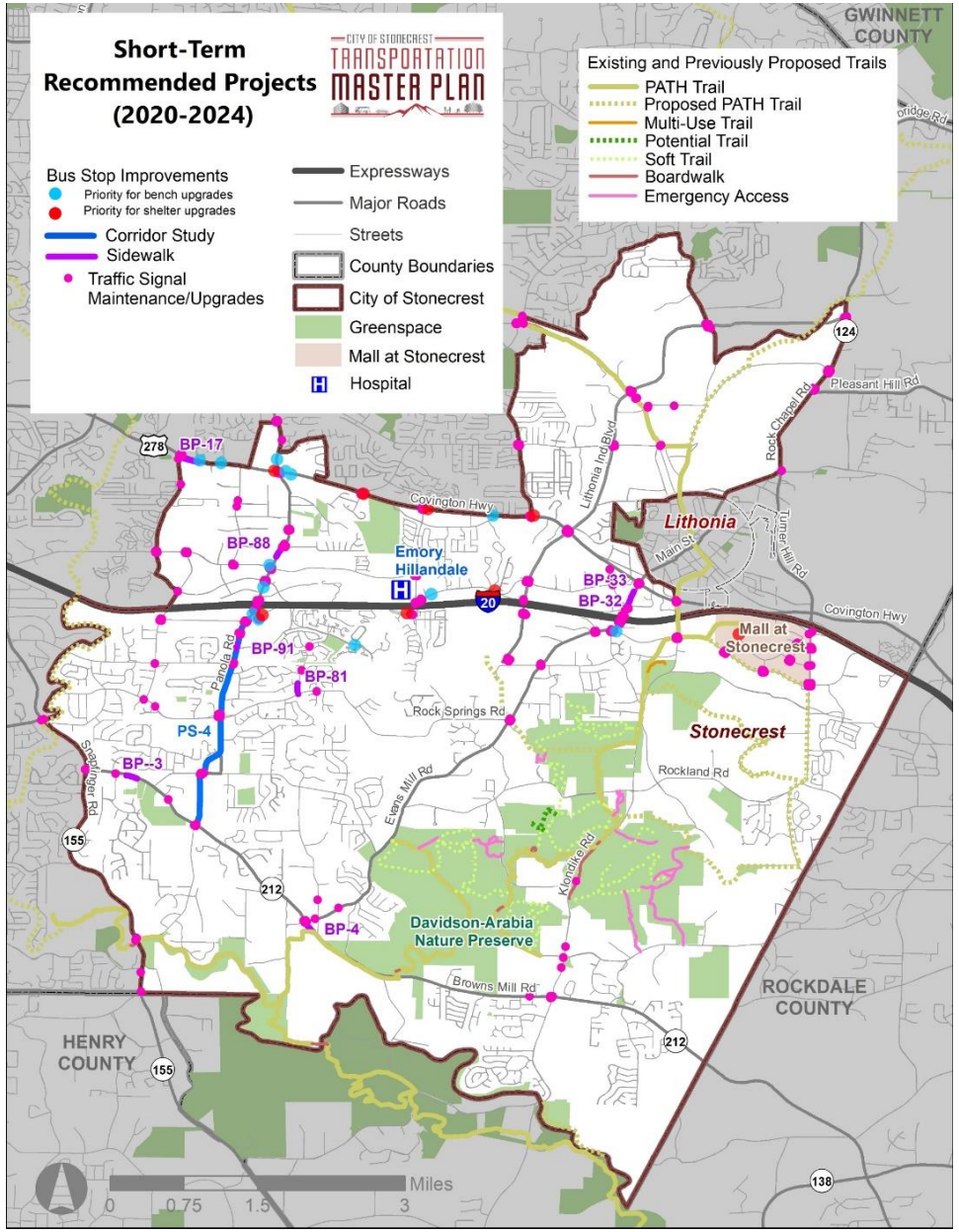
Recommended City-Wide Programs and Polices

- Streetscape and Beautification Program
- Gateway Bridges Study
- Local Truck Traffic Ordinance
- Traffic Operations Program
- Travel Demand Management (TDM)
- Smart Cities/Future Technologies

Short-Term Plan (2020-2024)

- Constrained list of lower-cost, higher priority projects
- Prioritize repaving and maintenance of existing roadways based on 5-year pavement rehabilitation program
- Smaller-scale improvements that address immediate safety and connectivity needs





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Short-Term Plan (2020-2024)

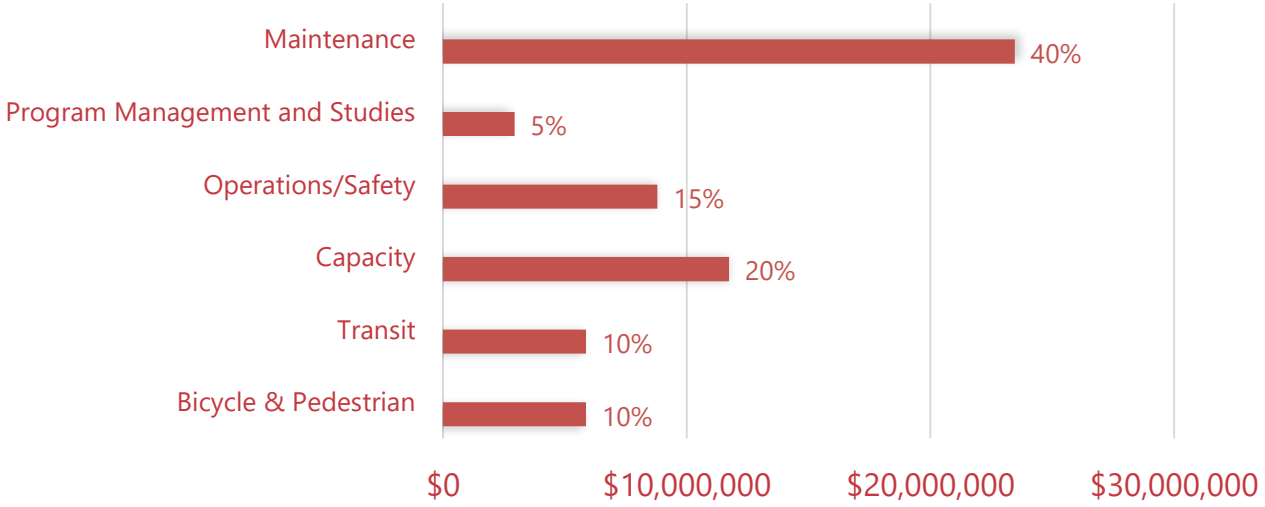
Project ID	Project Name	District
O-6	Quick Response Improvements	Citywide
M-1	Resurfacing/Bridge Maintenance Program*	Citywide
I-18	Traffic Signal Maintenance/Upgrades	Citywide
T-7	Bus Stop Enhancements	1,2,3
PS-1	Gateway Bridges Study	2,3,5
PS-2	Stonecrest Streetscape Design	Citywide
PS-3	Freight Traffic Ordinance	Citywide
PS-4	Panola Road Study	3,4
BP-3	Browns Mill ES Sidewalks	4
BP-4	Browns Mill Rd Sidewalks (Segment 1)	4
BP-17	Covington Hwy Sidewalk - Miller Rd	2
BP-32	Evans Mill Rd Sidewalks (Segment 1)	5
BP-33	Evans Mill Rd Sidewalks (Segment 2)	5
BP-81	Ottawa Trl Sidewalk	3
BP-88	Panola Rd Sidewalks – North Segment 1	3
BP-91	Panola Rd Sidewalk – Segment 1	2

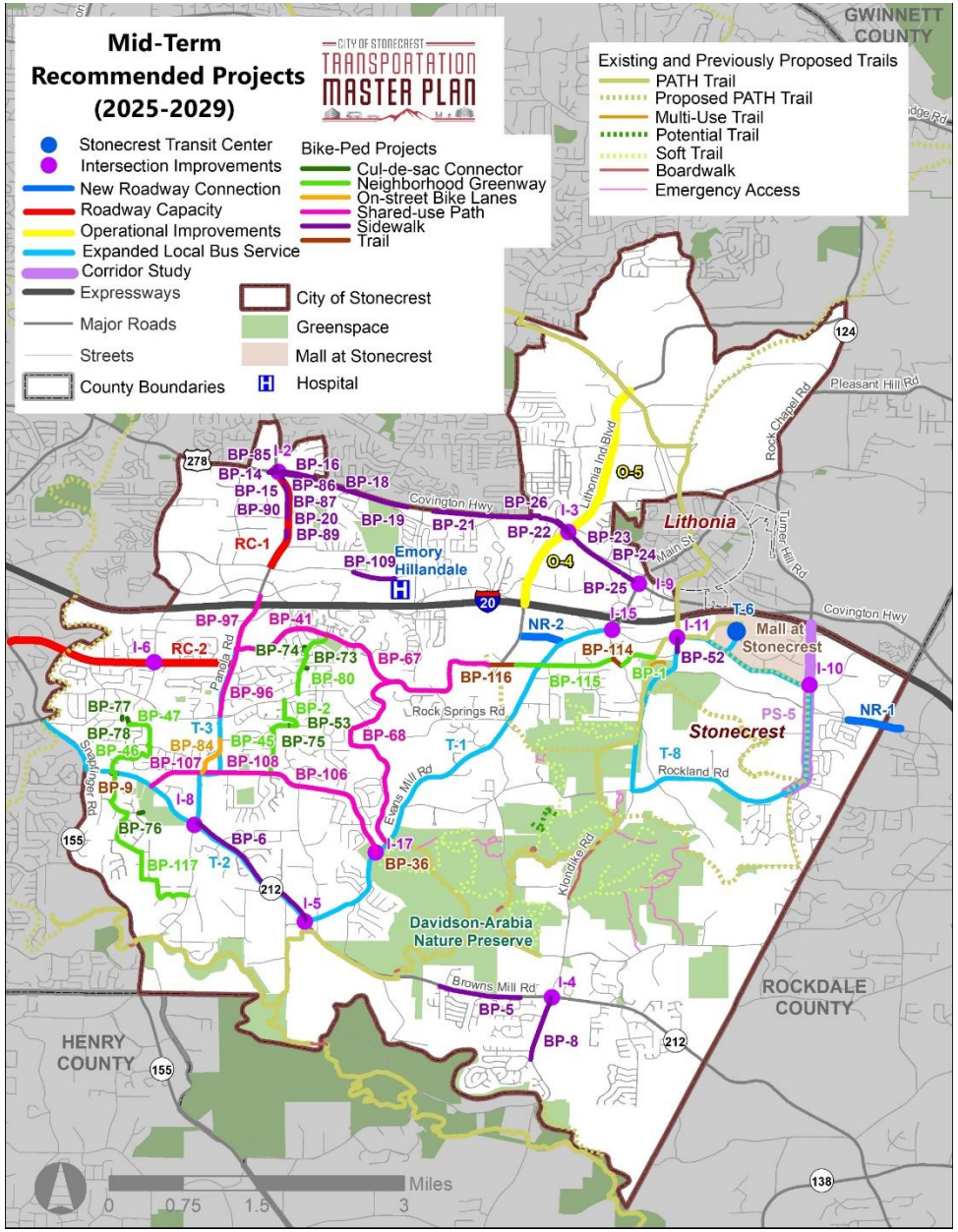
RC – Roadway Capacity NR – New Road O – Operational Improvements I – Intersection Improvement T – Transit PS – Planning Studies BP – Bicycle/Pedestrian

**Based on proposed 5-year rehabilitation program in City of Stonecrest 2019 Pavement Management Analysis Report*

Mid-Term Plan (2025-2029)

- Constrained list of projects within projected available funding
- Capacity and operations project development and implementation
- Bicycle/pedestrian and transit expansion





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Mid-Term Plan (2025-2029)

Project ID	Project Name	District
RC-1	Panola Road Widening	2
RC-2	Thompson Mill Road Widening	2,3
NR-1	Hayden Quarry Road/Sigman Road Extension	1
NR-2	East Glen Road Upgrade and Extension	5
O-4	Lithonia Industrial Boulevard (LIB) Operational Improvements (Segment 1)	1,2
O-5	Lithonia Industrial Boulevard (LIB) Operational Improvements (Segment 2)	1,2
I-2	Panola Road at US 278 (Covington Highway)	2
I-3	US 278 (Covington Highway) at Lithonia Industrial Boulevard	1,2
I-4	Klondike Road at SR 212 (Browns Mill Road)	5
I-5	Evans Mill Road at SR 212 (Browns Mill Road)	4,5
I-6	Miller Road at Thompson Mill Road	2
I-8	Panola Road at US 212 (Browns Mill Road)	4
I-9	Evans Mill Road at US 278 (Covington Highway)	1,5
I-10	Mall Parkway at Turner Hill Road	1
I-11	Klondike Road at Mall Parkway	1
I-15	Mall Parkway at Evans Mill Road	1,5
I-17	Salem Road at Evans Mill Road	4,5
T-1	Expanded Local Bus Service along Evans Mill Road	4,5
T-2	Expanded Local Bus Service along SR 212 (Browns Mill Road) and SR 155 (Snapfinger Road)	4
T-3	Expanded Local Bus Service along Panola Road	3,4
T-6	Stonecrest Mobility Hub	1
T-8	Expanded Local Bus Service along Rockland Road and Klondike Road	1,5
PS-5	Turner Hill Road Study	1
BP-1	Arabian Woods Dr/Arabian Ter Neighborhood Greenway	1
BP-2	Brisbane Way Neighborhood Greenway	4
BP-5	Browns Mill Rd Sidewalk - East	5
BP-6	Browns Mill Rd Sidewalks - North	4
BP-8	Klondike Rd Sidewalk - South	5
BP-9	Browns Mill Rd Path	4
BP-14	Covington Rd Sidewalks (South Side)	2
BP-15	Covington Hwy Sidewalks (North Side)	2
BP-16	Covington Hwy Sidewalks - West (South Side)	2
BP-18	Covington Hwy Sidewalks – Central (Segment 1)	2
BP-19	Covington Hwy Sidewalks – Central (Segment 2)	2
BP-20	Covington Hwy Sidewalks - West (North Side)	2
BP-21	Covington Hwy Sidewalks – Central (Segment 3)	2

Project ID	Project Name	District
BP-22	Covington Hwy Sidewalks – Central (Segment 4)	2
BP-23	Covington Hwy Sidewalks – East (Segment 1)	1
BP-24	Covington Hwy Sidewalks – East (Segment 2)	1
BP-25	Covington Hwy Sidewalks – East (Segment 3)	1
BP-26	Covington Hwy Sidewalks - Central (North Side – Segment 1)	2
BP-36	Install shared-use path on Evans Mill Rd from Salem Rd to Pole Bridge Creek Path	5
BP-41	Fairington Pkwy Path (Segment 1)	3
BP-45	Fannin Dr/Rock Pine Dr Neighborhood Greenway	4
BP-46	Herrenbut Rd/Framington Dr Neighborhood Greenway (Segment 1)	4
BP-47	Herrenbut Rd/Framingham Dr Neighborhood Greenway (Segment 2)	4
BP-53	Brisbane Way Neighborhood Greenway	4
BP-67	Joels Lake Path	3,5
BP-68	Pole Bridge Creek Path	3,4
BP-73	Aberdeen Way/Ottawa Trl Cul-de-sac Connector	3
BP-74	Highland Park Cir/Ottawa Trl Cul-de-sac Connector	3
BP-75	Rocky Pine Dr/La Fleur Trl Cul-de-sac Connector	4
BP-76	Wolverton Dr Cul-de-sac Connector	4
BP-77	Rondelay Dr Cul-de-sac Connector	4
BP-78	Herrenbut Rd Cul-de-sac Connector	4
BP-80	Ottawa Trl Neighborhood Greenway	3
BP-84	Panola Rd Bike Lanes	4
BP-85	Panola Road Sidewalks - North (West Side)	2
BP-86	Panola Rd Sidewalks (West Side)	2
BP-87	Panola Rd Sidewalks - North (East Side)	2
BP-89	Panola Rd Sidewalks – North Segment 2	2
BP-90	Panola Rd Sidewalks – East Segment 1	2
BP-96	Panola Rd Shared-use Path - Central	3
BP-97	Panola Rd Path Crossing	3
BP-106	Salem Rd Path - East	4
BP-107	Salem Rd Path - West	4
BP-108	Salem Rd Path - Central	4
BP-109	Snapfinger Woods Dr Sidewalk (Segment 1)	2
BP-114	Woodrow Rd Path (Segment 1)	1,5
BP-115	Woodrow Rd Neighborhood Greenway	5
BP-116	Woodrow Rd Path (Segment 2)	5
BP-117	Sheffield Woods Neighborhood Greenway	5

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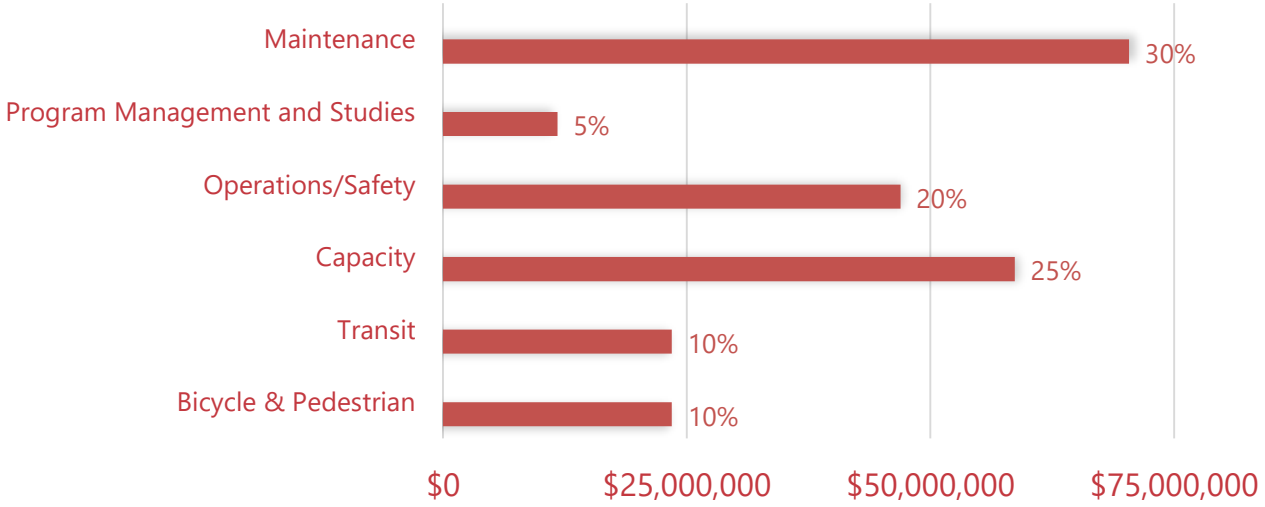
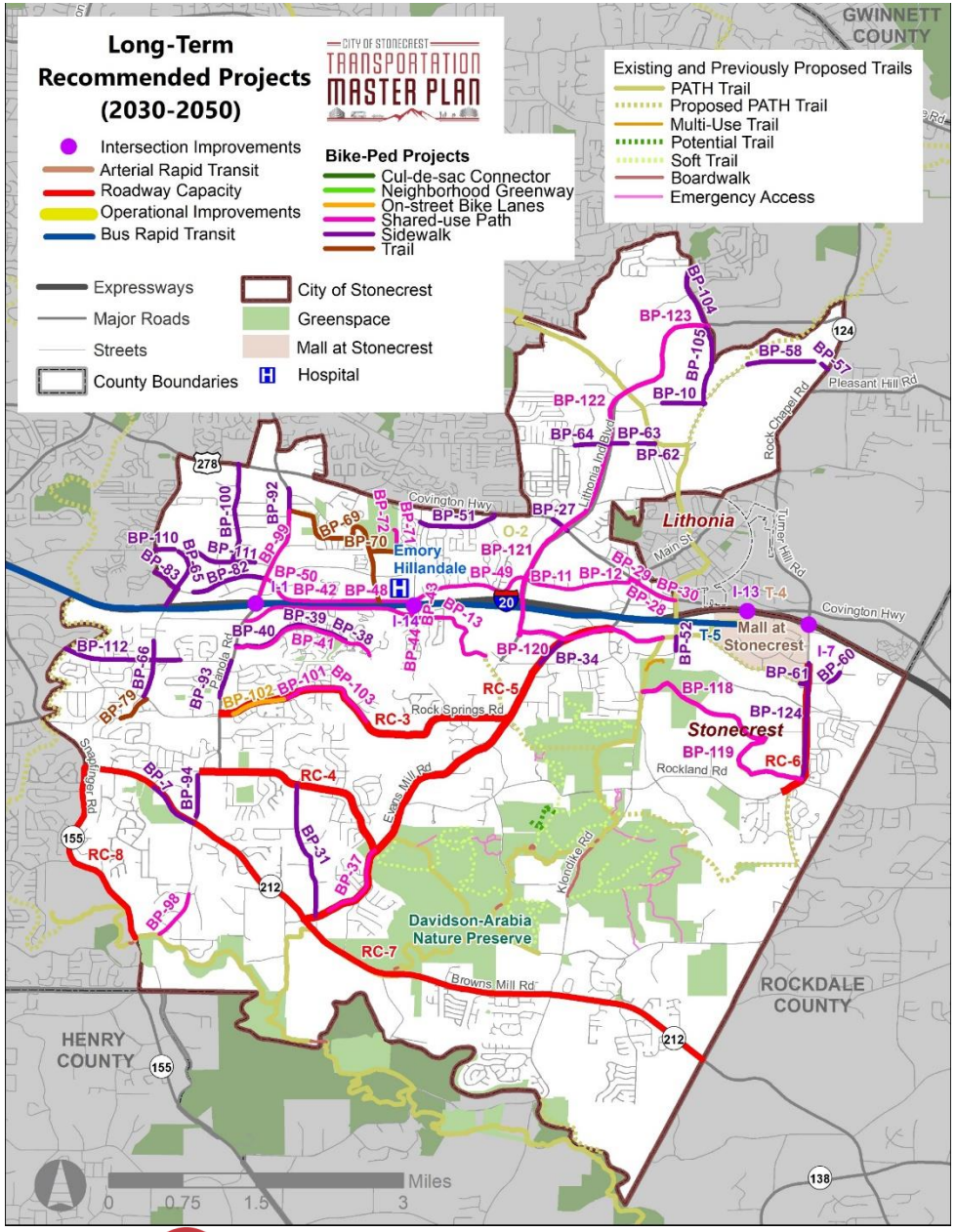
Long-Term Plan (2030-2050)

- Unconstrained "aspirational" list of projects beyond projected available funding
- Larger-scale capacity, operations, transit and bicycle and pedestrian improvements
- Reassessed and prioritized in future TMP updates





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Long-Term Plan (2030-2050)

Project ID	Project Name	District
RC-3	Rock Springs Road Widening	3,4,5
RC-4	Salem Road Widening	4
RC-5	Evans Mill Road Widening	4,5
RC-6	Turner Hill Road Widening	1
RC-7	SR 212 (Browns Mill Road) Widening	4,5
RC-8	SR 155 (Snapfinger Road) Widening	4
O-2	US 278 (Covington Highway) RTOP Corridor	1,2
O-3	SE DeKalb Traffic Operations Center	Citywide
I-1	Panola Road: Segment 3 Operations Improvements - Includes I-20 Interchange	2,3
I-7	Turner Hill Road at I-20 East	1
I-13	New I-20 East Express Lanes Access Point (Stonecrest Mall)	1
I-14	New I-20 East Express Lanes Access Point (Fairington Road)	2,3,5
T-4	US 278 (Covington Hwy) ART	1,2
T-5	BRT (Bus Rapid Transit) to Downtown Atlanta	1,2,3,5
BP-7	Browns Mill Rd Sidewalks - South	4
BP-10	Chapman Rd Sidewalks	1
BP-11	Chupp Rd Path (Segment 1)	1
BP-12	Chupp Rd Path (Segment 2)	1
BP-13	Chupp Way Path	5
BP-27	Covington Hwy Sidewalks - Central (North Side – Segment 2)	2
BP-28	Covington Hwy Path (Segment 1)	1
BP-29	Covington Hwy Path (Segment 2)	1
BP-30	Covington Hwy Path (Segment 3)	1
BP-31	Crossvale Rd Sidewalks	4
BP-34	Evans Mill Rd Sidewalks – North (Segment 1)	5
BP-37	Evans Mill Rd Path (Segment 2)	4,5
BP-38	Fairington Pkwy Sidewalks (Segment 1)	3
BP-39	Fairington Pkwy Sidewalks (Segment 2)	2
BP-40	Fairington Pkwy Sidewalks (Segment 3)	2
BP-41	Fairington Pkwy Path (Segment 1)	2
BP-42	Fairington Pkwy Path (Segment 2)	2
BP-43	Fairington Rd Bridge Path	2,5
BP-48	Hillandale Dr Path (Segment 1)	2
BP-49	Hillandale Dr Path (Segment 2)	2
BP-50	Hilllandale Dr Path (Segment 3)	2
BP-51	Hillvale Rd Sidewalks	2
BP-52	Klondike Rd Sidewalks	1
BP-57	Maddox Rd Sidewalks (Segment 1)	1

Project ID	Project Name	District
BP-58	Maddox Rd Sidewalks (Segment 2)	1
BP-60	Mall Pkwy Sidewalks (Segment 2)	1
BP-61	Mall Pkwy Sidewalks (Segment 3)	1
BP-62	Marbut Rd Sidewalks (Segment 1)	1
BP-63	Marbut Rd Sidewalks (Segment 2)	1
BP-64	Marbut Rd Sidewalks (Segment 3)	1
BP-65	Miller Rd Sidewalks	2
BP-66	Miller Rd Sidewalks - South	2
BP-69	Miller Grove Path - North	2
BP-70	Miller Grove HS Path	2
BP-71	Southeast Athletic Complex/Miller Grive HS Connector	2
BP-72	Miller Grove Path - South	2
BP-79	Bouie Theme ES Trail	4
BP-82	Panola Industrial Blvd Sidewalks (Segment 1)	2
BP-83	Panola Industrial Blvd Sidewalks (Segment 2)	2
BP-92	Panola Rd Sidewalks – East Segment 2	2
BP-93	Panola Rd Sidewalks - West	3
BP-94	Panola Rd Sidewalks - South	4
BP-98	Panola Rd Path - South	4
BP-99	Panola Rd Path - North	2
BP-100	Park Central Blvd Sidewalks	2
BP-101	Rock Springs Rd Path (Segment 1)	3,4
BP-102	Rock Springs Rd Path (Segment 2)	3,4
BP-103	Rock Springs Path - North	3
BP-104	Rogers Lake Rd Sidewalks (Segment 1)	1
BP-105	Rogers Lake Rd Sidewalks (Segment 2)	1
BP-110	Snapfinger Woods Dr Sidewalks (Segment 2)	2
BP-111	Snapfinger Woods Dr Sidewalks (Segment 3)	2
BP-112	Thompson Mill Rd Sidewalk	2,3
BP-113	Woodrow Dr Sidewalks	5
BP-118	Stonecrest Path (Segment 1)	1
BP-119	Stonecrest Path (Segment 2)	1
BP-120	PATH to LIB Connection Path	5
BP-121	LIB Path (Segment 1)	1,2,5
BP-122	LIB Path (Segment 2)	1,2
BP-123	LIB Path (Segment 3)	1
BP-124	Turner Hill Sidewalks	1

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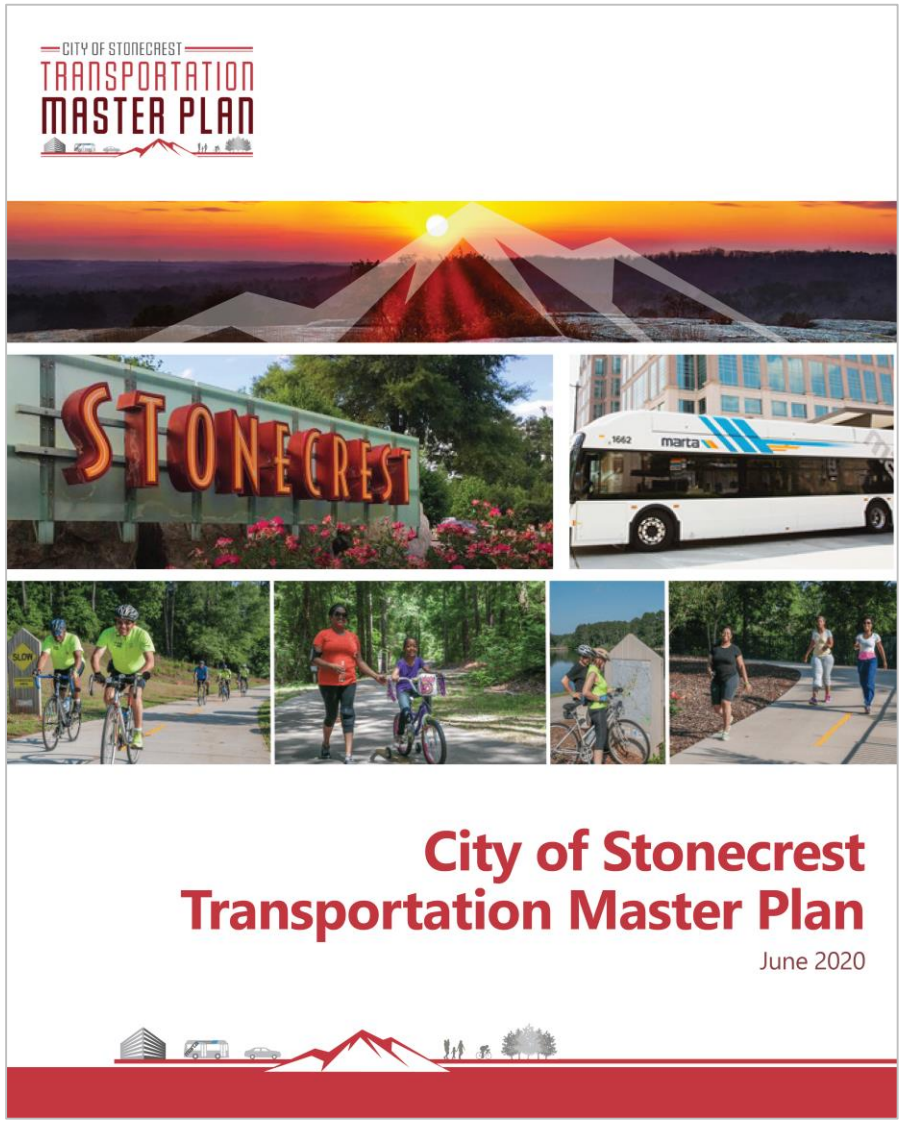
Implementation Action Plan

- Adopt the Transportation Master Plan (TMP)
- Coordinate on TMP Implementation
  - Present TMP to Regional Partners and Agencies
  - Develop Schedule & Prepare for “Call for Projects”
- Prepare a Staffing Plan for Delivery of TMP
- Develop a Robust and Achievable Resurfacing Program
- Advance Program Management, Special Engineering & Planning Studies
- Develop an Operational Plan (Routine Maintenance, Traffic Signal Maintenance/Operations, Landscaping)
- Create a TMP Dashboard to Ensure Accountability & Monitor Success



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Questions and Discussion