



Recommended Capital and Technology Improvement Plans

Tracey Broyles, Budget & Evaluation Director

Dwayne Campbell, Chief Information Officer

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Overview

Process for Capital Planning

Capital Improvement Plan

- CIP Defined
- CIP Project Initiatives

Technology Improvement Plan

- TIP Defined
- TIP Goals & Benefits
- TIP Project Initiatives

Capital Funding Plan

Process for Capital and Technology Planning

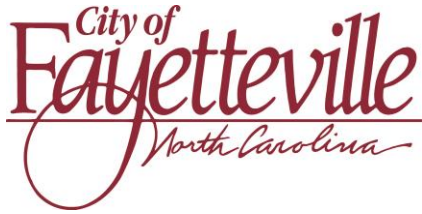
- Update and evaluate existing projects
- Engage departments to identify major capital projects or equipment needs to support strategic goals
- Committee review and ranking of projects based upon established ranking and weighting criteria
- Develop project schedule in consideration of organizational capacity and available funding
- Communicate the recommended plan



Capital Improvement Plan Project Definition

- Specific facility or infrastructure improvement projects with a total cost of \$50,000 or greater
- Significant maintenance projects (e.g., roof replacements, HVAC systems, etc.) meeting the \$50,000 threshold
- Vehicle and equipment purchases (new and replacement) are NOT included in CIP

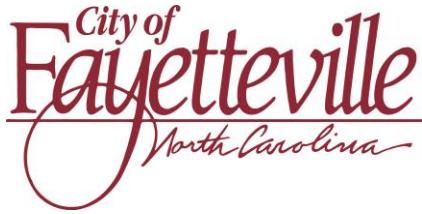




FY 2019 - 2023 CIP Highlights

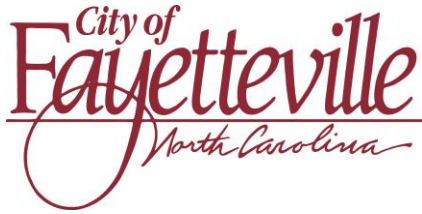
Project	FY19	FY20-FY23
Economic Development		
Affordable Housing Fund	\$ 150 K	
NC Civil War History Center	\$ 250 K	
Downtown Stadium	\$ 15.3 M	
Hay St. Garage/Redevelopment Site	\$ 13.7 M	
Support Infrastructure @ Stadium	\$ 905 K	

- It is anticipated that financing for the Downtown Stadium and the Hay Street Parking Garage and Mixed Use Development will be completed in FY18
- \$7.25M balance of City's funding commitment for the NC Civil War History Center unfunded at this time



FY 2019 - 2023 CIP Highlights

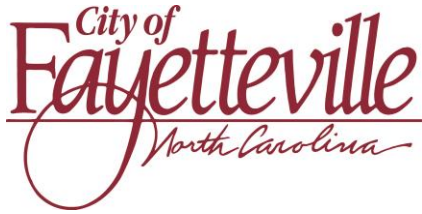
Project	FY19	FY20-FY23
General Government		
City Hall and Other Facility Renovations	\$ 1.4 M	\$ 852 K
Other Building Maintenance Projects	\$ 330 K	\$ 527 K
Parking Lot Resurfacing	\$ 72 K	\$ 227 K
Automated Truck Wash	\$ 437 K	
ADA Compliance Projects	\$ 75 K	\$ 300 K
Bulk Fuel Tank Replacement		\$ 275 K



FY 2019 - 2023 CIP Highlights

Project	FY19	FY20-FY23
Parks & Recreation		
Cape Fear River Trail – Phase 2	\$ 1.8 M	
CFRT/Linear Park Connector	\$ 80 K	
Playground Repairs / Refurbishment	\$ 100 K	\$ 350 K
NC Veterans Park – Phase 2	\$ 75 K	\$ 945 K
Splash Pads	\$ 1.3 M	
Cape Fear River Park (Bond Project)		\$ 5.2 M
Senior Center East (Bond Project)		\$ 5.0 M
Sports Field Complex (Bond Project)		\$ 9.0 M
Tennis Center (Bond Project)	\$ 400 K	\$ 5.6 M
Martin Luther King Jr. Park *	\$ 500 K	

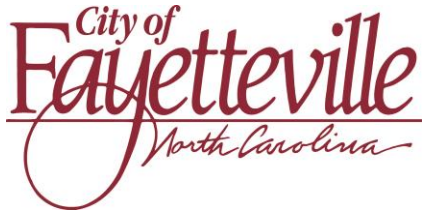
* Subject to private fund raising efforts



FY 2019 - 2023 CIP Highlights

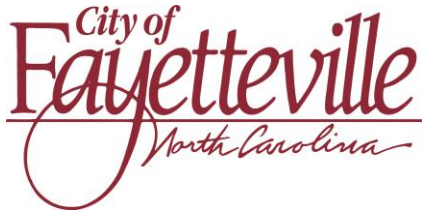
Project	FY19	FY20-FY23
Public Safety		
City/County 911 Communications Center (Bond Project)	\$ 1.5 M	\$ 20.7 M
Fire Station 4 Relocation (Bond Project)	\$ 274 K	\$ 3.8 M
Fire Station 16 Permanent Station (Bond Project)		\$ 3.9 M
Fire Station 2 Relocation (Bond Project)		\$ 4.3 M
Five Fire Station Renovations (Bond Project)		\$ 4.6 M
Police Training Center (Bond Project)		\$ 15.0 M

Public Safety Bonds proposed for referendum in November, 2018 for first issuance in 2020. Estimated 1.5 cent tax increase in FY20 to support debt repayment.



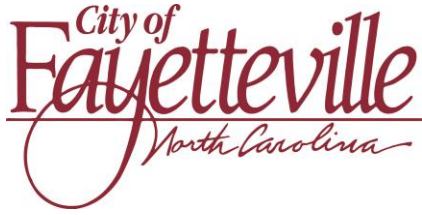
FY 2019 - 2023 CIP Highlights

Project	FY19	FY20-FY23
Stormwater Drainage Improvement Projects	\$ 6.3 M	\$ 12.6 M
Transportation		
Street Resurfacing	\$ 4.3 M	\$ 18.4 M
Ann & Louise Street Bridges	\$ 2.2 M	
Transportation Improvement Project Muni-Agreements	\$ 725 K	\$ 3.2 M
Sidewalks	\$ 900 K	\$ 3.6 M
Greenock Ave. Restoration / Arran Dam Breach	\$ 1.7 M	
Shawcroft Rd. Restoration	\$ 40 K	
Intersection Improvements	\$ 100 K	\$ 575 K
Multi-Use Lane Markings	\$ 25 K	\$ 100 K
B Street Streetscape and On-Street Parking	\$ 140 K	
Thoroughfare Street Lighting	\$ 121 K	
Downtown Streetscape	\$ 75 K	\$ 300 K
Pedestrian/Bike Study Implementation		\$ 400 K



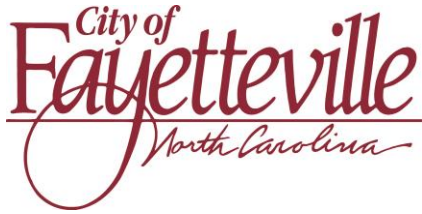
FY 2019 - 2023 CIP Highlights

Project	FY19	FY20-FY23
Transit		
Shelters & Benches	\$ 90 K	\$ 258 K
Sidewalk & ADA Accessibility Improvements	\$ 80 K	\$ 330 K
Airport		
Airline Terminal Improvements		\$20.0 M
8 Unit T-Hangar	\$ 800 K	
Apron Crack Sealing	\$ 100 K	
Airport Public Art	\$ 50 K	\$ 50 K
Perimeter Road Pavement & Fencing Replacement		\$ 4.5 M
Taxiway F Pavement & Lighting Rehab.		\$ 1.3 M
Avigation Easement Runway 4 Protection Zone		\$ 1.3 M



Additional FY 2018 Project Funding

- Additional funding recommended in the current fiscal year for five projects:
 - Ann and Louise Street Bridge Replacement \$845 K
 - Downtown Replacement Parking \$125 K
 - Sykes Pond Road Repair \$24 K
 - FAST Transit Center Greyhound Upfit \$ 75 K
 - Information Kiosks \$22 K
- Request to reallocate \$374K from Fire Station 16 design to Fire Station 4 Land and Design



Significant Unfunded Projects

Funding not identified during the five-year period for:

- Civil War History Center
 - \$7.25 Million
- Transportation Improvement s
 - \$5.1 M for Blanton Road Extension
 - \$5.2 M to increase pace of resurfacing
 - \$2.4 M for four sidewalk projects

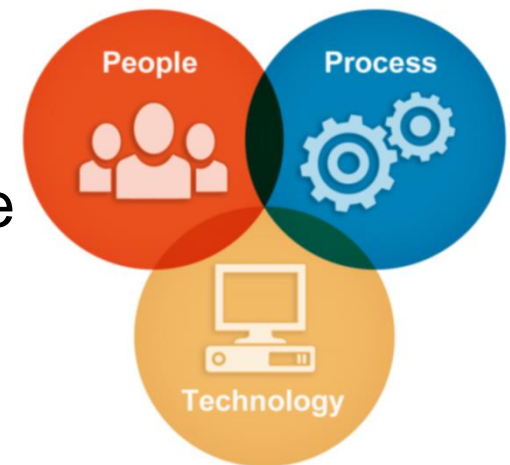
Technology Improvement Plan Project Definition

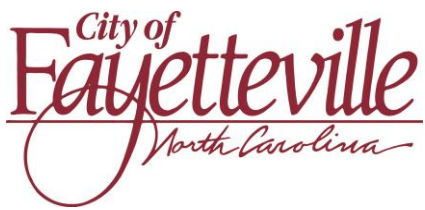
- Replacement, upgrade or new technology purchases with a combined implementation cost of \$25,000 or greater (e.g., hardware, software, communication devices, etc.)
- Expansion, renovation, or replacement of an existing system if the cost is greater than \$10,000
- Multi-year technology project
- Project with enterprise-wide impacts (e.g., server virtualization)



TIP Goals & Benefits

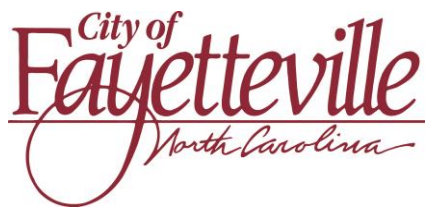
- Technology project alignment with City's strategic plan
- Citizen Engagement and Mobility
- Project prioritization (Technology Review Committee)
- Enhanced Project Governance
 - Better enterprise technology capacity planning
 - Better coordination of technology projects
- Disaster Recovery/Business Continuity
- Continuous Review/Update of Enterprise Security Posture
- Coordination of Enterprise Application Implementation





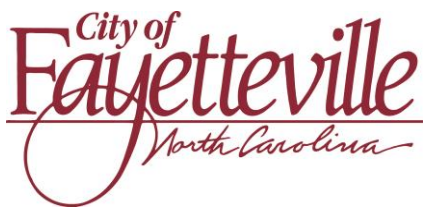
FY 2019 - 2023 TIP Highlights *Security / Infrastructure*

Project	FY19	FY20-FY23
Computer Replacement Plan	\$ 418 K	\$ 1.5 M
Desktop Virtualization Infrastructure	\$ 21 K	\$ 363 K
Direct Fiber Connection for Remote Sites	\$ 114 K	\$ 158 K
MS Email Exchange Active Directory Upgrade	\$ 75 K	\$ 210 K
Public Safety Security Compliance	\$ 20 K	\$ 210 K
Airport Termination Renovations (Data Infrastructure)	\$ 40 K	\$ 80 K
Enterprise Wide Radio Replacements	\$ 187 K	\$ 1.5 M
Transit Safety and Security Systems	\$ 92 K	\$ 44 K
City Domain Migration	\$ 210 K	\$ 530 K
Police In-Car Camera System Upgrades	\$ 481 K	\$ 905 K
Internet Phone (City Wide VOIP)	\$ 30 K	\$ 312 K
IBM iSeries Server Replacement	\$ 42 K	



FY 2019 – 2023 TIP Highlights *Security / Infrastructure, Cont.*

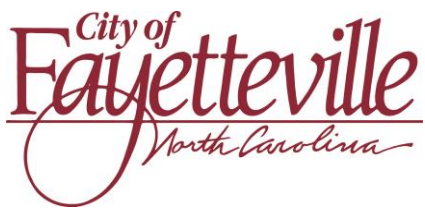
Project	FY19	FY20-FY23
Server Room Uninterruptible Power Supply Repl.		\$ 132 K
Information Technology Disaster Recovery Initiative		\$ 210 K
Virtual Server Expansion Equipment		\$ 160 K
City/County 911 Communications Center (Technology)		\$ 6.7 M



FY 2019 - 2023 TIP Highlights

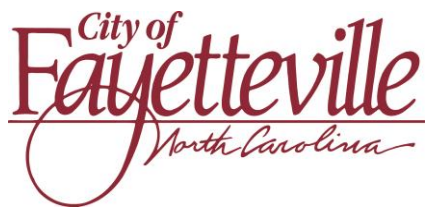
Business Intelligence / Data Analysis

Project	FY19	FY20-FY23
Organizational Performance Software	\$ 21 K	\$ 60 K
Enterprise Data Warehouse		\$ 125 K



FY 2019 - 2023 TIP Highlights *Application / Software Services*

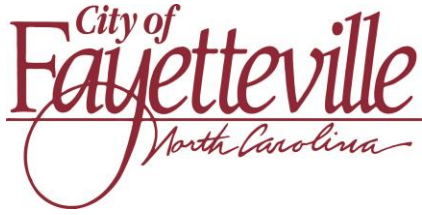
Project	FY19	FY20-FY23
FayWorx – Work Order/Permit/ Asset Mgmnt. System	\$ 208 K	
Revenue Management System (POS)	\$ 247 K	
Finance/LSDBE Tracking Software	\$ 65 K	
Automated Secure Alarm Protocol Interface Upgrade	\$ 27 K	
Council Chamber Lighting/Cameras/Video Converter	\$ 53 K	
Airport FAR Part 139 Automation	\$ 70 K	
ERP Replacement Initiative	\$ 100 K	\$ 4.4 M
Police Risk Terrain Modeling Software	\$ 17 K	\$ 24 K



FY 2019 - 2023 TIP Highlights

Citizen Engagement / Mobility

Project	FY19	FY20-FY23
Enterprise Digital Accessibility Program	\$ 20 K	\$ 55 K
City Wireless Network Expansion		\$150 K

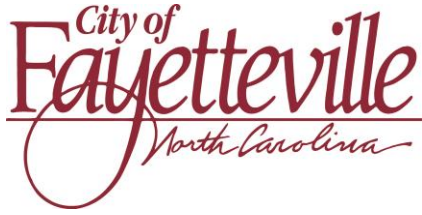


CIP/TIP Funding Sources

Capital Funding Plan (CFP)

Current Resources:

- Tax rate equivalent contribution of 5.43 cents
- Hope VI incremental tax revenues through 2021 to repay an interfund loan for the project
- Incremental City, County and MSD tax revenues from CBTD property to pay debt service on the Franklin St. Parking Deck
- PWC payments for shared debt service for the 800 MHz radio system
- Payments from Greyhound for 7 years to repay loan for up fit expenses at the MMTC

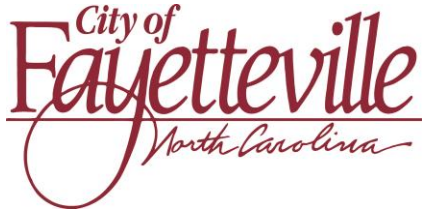


CIP/TIP Funding Sources

Capital Funding Plan (CFP)

Proposed Additional Resources:

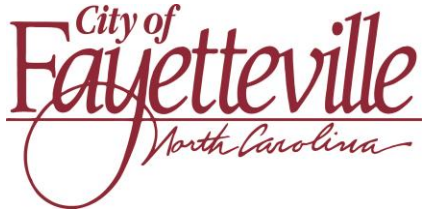
- Proposed Public Safety Bonds
 - Proposed November 2018 referendum for \$53.4 million in bonds
 - Funded by:
 - ***Proposed 1.5 cent tax rate increase effective FY2020***
 - Proposed County contributions for a share of debt service for the City/County 911 Communications Center
 - Existing capital funding plan resources



CIP/TIP Funding Sources

Non-CFP Resources

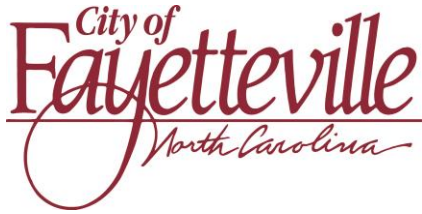
- Parks & Recreation Bond Funding
 - March 2016 referendum for \$35 million in bonds
 - \$11.4 M issuance planned for FY2019
 - \$23.6 M issuance planned for FY2020
 - 1.35 cent tax rate increase effective FY2017
 - 1.42 cent tax rate dedication effective FY2019 due to revaluation
- Stadium Funding
 - Astros Annual Lease Payments
 - TIF Contributions from County, City and MSD Taxes on Redevelopment Site
 - PWC Economic Development Funding (\$1.2M per year, FY19-FY21)
 - Event parking revenues
- Stadium and P & R Bonds Funds tracked in separate plans



CIP/TIP Funding Sources

Non-CFP Resources

- Recurring Operating Budget Funding
 - FY19 through FY23 annual pay-go funding increasing from \$4.9 million to \$5.4 million
- Available Project Funding
 - Recommend reallocation of \$374K from Fire Station 16 project to Fire Station 4 Relocation project
 - Use of \$20K of miscellaneous project balances to fund Public Safety CJIS project
- Other Funding Sources
 - Includes Airport, Stormwater, E911, County Funding, Grants, etc.
 - Use of General Fund Fund Balance



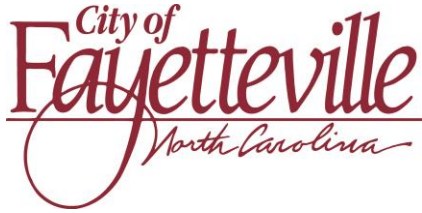
CIP/TIP Funding Sources

Fund Balance Available in General Fund

Balance beyond fund balance target at 6/30/17	\$ 2,083,504
Appropriated during FY18 for other purposes*	(73,037)
Assigned at 6/30/18 for future CIP/ITP items	1,268,000
Assigned at 6/30/18 for Revolving Loan Fund	<u>111,432</u>
F/B available for CIP/ITP/Other items	\$ 3,389,899

Recommended Use of F/B for CIP/TIP

FY2018	\$ 642,000
FY2019	<u>\$ 2,318,000</u>
Total	\$ 2,960,000

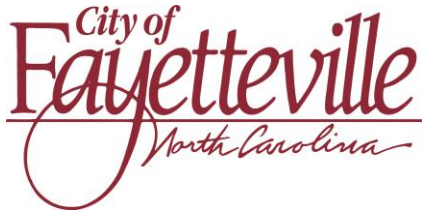


CIP/TIP Funding Plan

Pay As You Go

- General Fund/Taxes – Use of fund balance, annual revenues, existing project funding and capacity created from vehicle financing – \$51.6 M including:

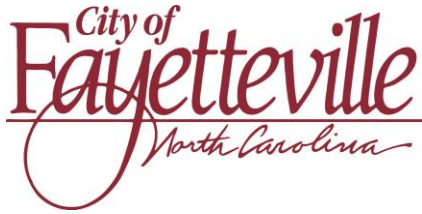
▪ Annual Street Resurfacing	\$22.7 M
▪ Various Street/Sidewalk Improvements	\$10.7 M
▪ ERP System Replacement	\$ 4.4 M
▪ Ann and Louise Street Bridge Replacements	\$ 3.1 M
▪ Computer Replacement Plan	\$ 1.8 M
▪ Police In-Car Camera Upgrades	\$ 1.1 M
▪ Playgrounds and Parks/Trail Projects	\$ 0.8 M
▪ Various Facility Maintenance/Renovation Projects	\$ 1.7 M
▪ Various Other TIP Projects	\$ 3.8 M
▪ Various Other CIP Projects	\$ 1.5 M



CIP/TIP Funding Plan

Pay As You Go

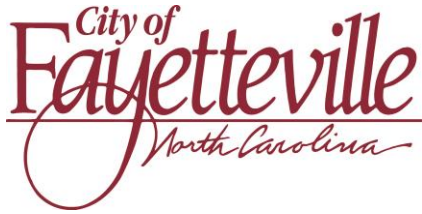
- Other Funds – Includes Airport, Stormwater, E911 and County Revenues, Grants, etc. - \$54.6 M including:
 - Airport Revenues & Grants \$ 28.3 M
 - Transit Grants \$ 0.7 M
 - Federal/State Hurricane Reimbursements \$ 2.2 M
 - Stormwater Funding \$ 15.1 M
 - E911 Funding \$ 6.0 M
 - County Funding \$ 1.0 M
 - MLK Park Committee \$ 0.5 M
 - PWC Funding \$ 0.1 M
 - Other Misc. Funding \$ 0.7 M



CIP/TIP Funding Plan

Debt Issuance

- General Obligation Bonds - \$88.4 M, including:
 - Parks & Recreation \$11.4 M FY2019 20 yr.
 - Public Safety \$27.8 M FY2020 20 yr.
 - Parks & Recreation \$23.6 M FY2020 20 yr.
 - Public Safety \$25.6 M FY2022 20 yr.
- Installment Financing - \$50.8 M, including:
 - Downtown Stadium \$33.0 M FY2018 20 yr.
 - Hay Street Parking Deck \$14.9 M FY2018 20 yr.
 - City Hall Renovations \$ 1.4 M FY2019 15 yr.
 - Radio Replacements \$ 1.5 M FY2020 4 yr.

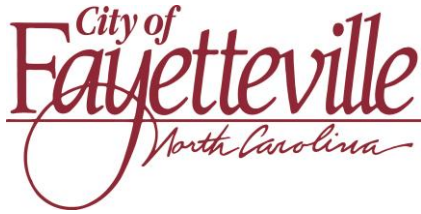


CIP/TIP Funding Plan

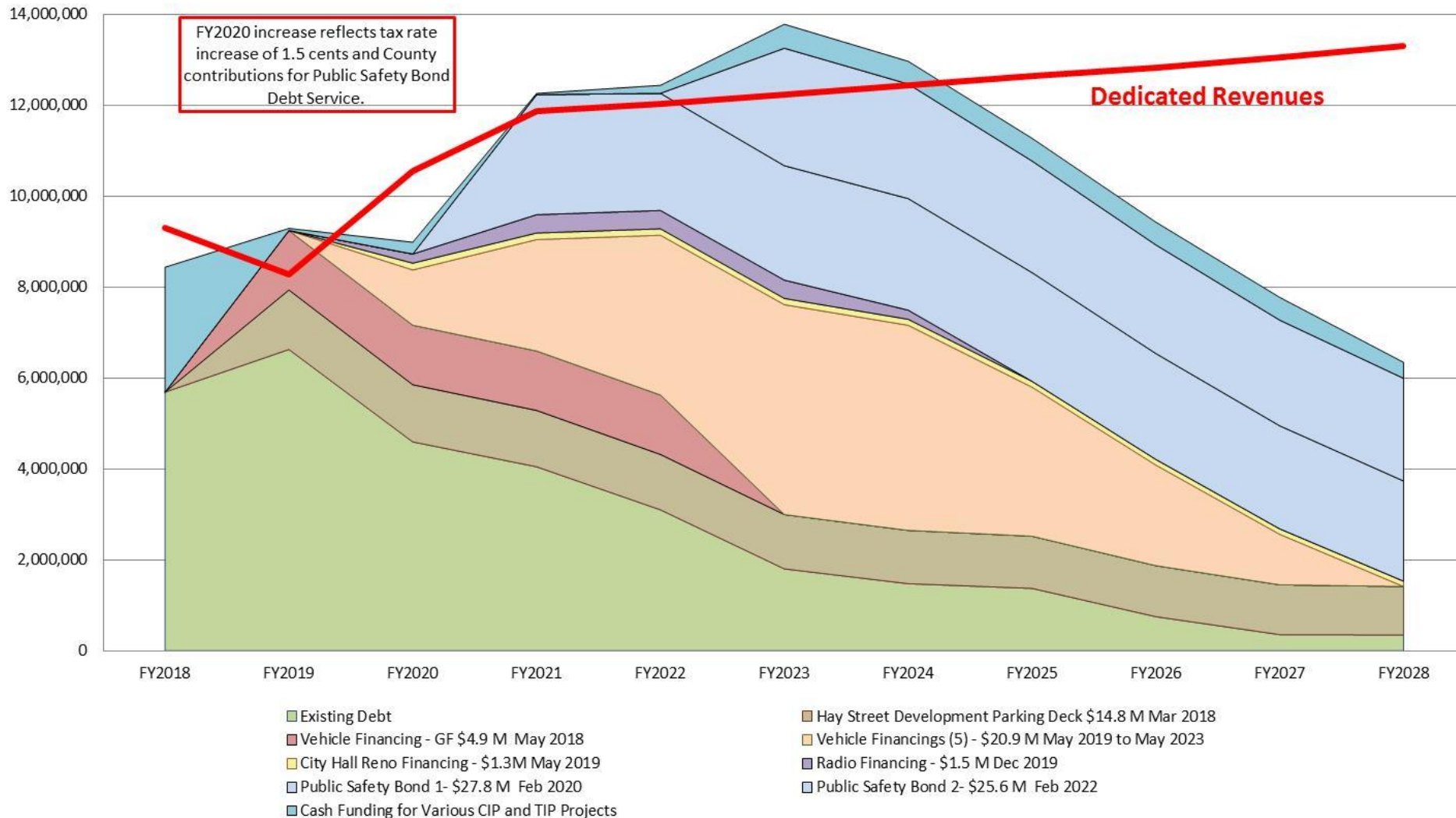
Debt Issuance

- Installment Financing for Vehicles - \$20.9 M, including:

• FY2019	\$4.5 M	4 yr.
• FY2020	\$4.5 M	4 yr.
• FY2021	\$3.9 M	4 yr.
• FY2022	\$4.0 M	4 yr.
• FY2023	\$4.0 M	4 yr.
- Totals above do not include FY2018 installment financing for vehicles
 - \$4.9 M planned for prior CIP/TIP project funding with adopted budget



CIP/TIP Funding Plan



CIP/TIP FY 2019 - 2023

