

City of Stamford

Transportation, Traffic & Parking

FY 2018-19 Budget Presentation





Transportation Traffic & Parking

■ Programs

- *2112 Traffic Maintenance*
- *2210 Transportation Planning & Engineering*
- *2538 Special Events*
- *2139 Parking*

■ Mission

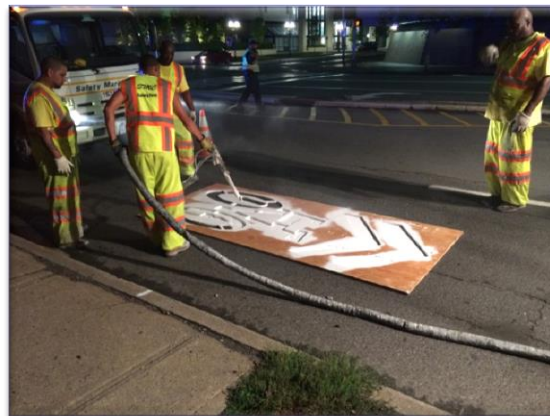
The City of Stamford's Transportation, Traffic and Parking Department combine's elements of traffic safety and engineering, transportation planning, parking management, and community engagement to improve the lives of residents and visitors.

Our mission is to enhance and maintain the city's transportation assets and infrastructure with a particular emphasis on safety, mobility, and sustainable practices.

We will consistently strive to improve our core functions related to traffic signals, signs, pavement markings, and on- and off-street parking management into an integrated environment which embraces our values and practices.

Services Provided

Program	Services Provided
2210 Traffic Maintenance	<p>Traffic Signs & Markings</p> <ul style="list-style-type: none">▪ Responded to 305 service calls.▪ Painted 340,688 LF of pavement markings.▪ Installed 179,000 LF of epoxy pavement markings.▪ Fabricated 780 traffic control signs & 101 street name signs.▪ Fabricated 94 decals & 3,800 permits.▪ Trimmed brush and foliage at 107 locations to improve sightlines.▪ Replaced 550 new traffic signs.▪ Repaired 437 traffic signs.▪ Mobilize and provide 24 hour support for all storm emergencies.



Services Provided

Program	Services Provided
2210 Traffic Engineering (cont'd)	<p>Traffic Signal</p> <ul style="list-style-type: none">• Began installation of City-wide Fiber Upgrade Project.• Program 175 controllers to accommodate Signal Optimization.• Began implementation of City-wide Corridor Signal Optimization.• Commenced Design Phase G of Signal Upgrade Project (No. 135-337).• Responded to 1,080 service calls during business hours and 103 after business hours.• Performed routine maintenance at 211 signalized intersections.<ul style="list-style-type: none">▪ Repaired signal equipment damaged by motor vehicle crashes at 23 locations.▪ LED Lamp replacement at 284 locations.▪ Conflict monitor reset at 155 locations.▪ Signal Head replacement at 6 locations.▪ Scheduled New Controller and Cabinet Replacements at 2 Intersections.▪ Installed illuminated NO TURN ON RED Signs at 6 locations.▪ Installed pod detection systems at 10 locations.



Services Provided

Program	Services Provided
<p>2210 Traffic Engineering (cont'd)</p> 	<p>Traffic Engineering</p> <ul style="list-style-type: none">▪ Administering over \$13M in capital transportation projects.▪ Initiated traffic investigations based on citizen requests.▪ Began construction on the Oaklawn Avenue Corridor Improvement Project.▪ Completed Final Design of West Av & West Main intersection improvements.▪ Began construction on the intersection of Atlantic @ Henry St. (Estimated completion Summer 2018)▪ Coordinates with CTDOT on Atlantic Street Underpass project▪ Entered final design for the Greenwich/Pulaski round-a-bout.▪ Began construction on Greenwich Avenue/Southfield Avenue/Selleck Street Intersection improvements.▪ Entered final design for Greenwich/Davenport one-way circulator.▪ Final Design LRARP for Summer Street.▪ Evaluate traffic impacts and access studies for all new zoning applications and appeals.

Services Provided

Program	Services Provided
2538 Special Events	<ul style="list-style-type: none">Managed 25 Special Events including:Set-up and removal of 3,100 barricadesSet-up and removal of 2,700 conesPosted and removed 1,588 Temporary No Parking Signs.
2210 Transportation Planning	<ul style="list-style-type: none">Initiated City-wide Bicycle & Pedestrian Plan.Coordinated Stamford Street Smart Initiative.<ul style="list-style-type: none">Bike to Work Day – Walk to Work DayAttend numerous community meetingsParticipated in Stamford Bus & Shuttle StudyCommenced State-funded Sidewalk Design for Long Ridge Rd.

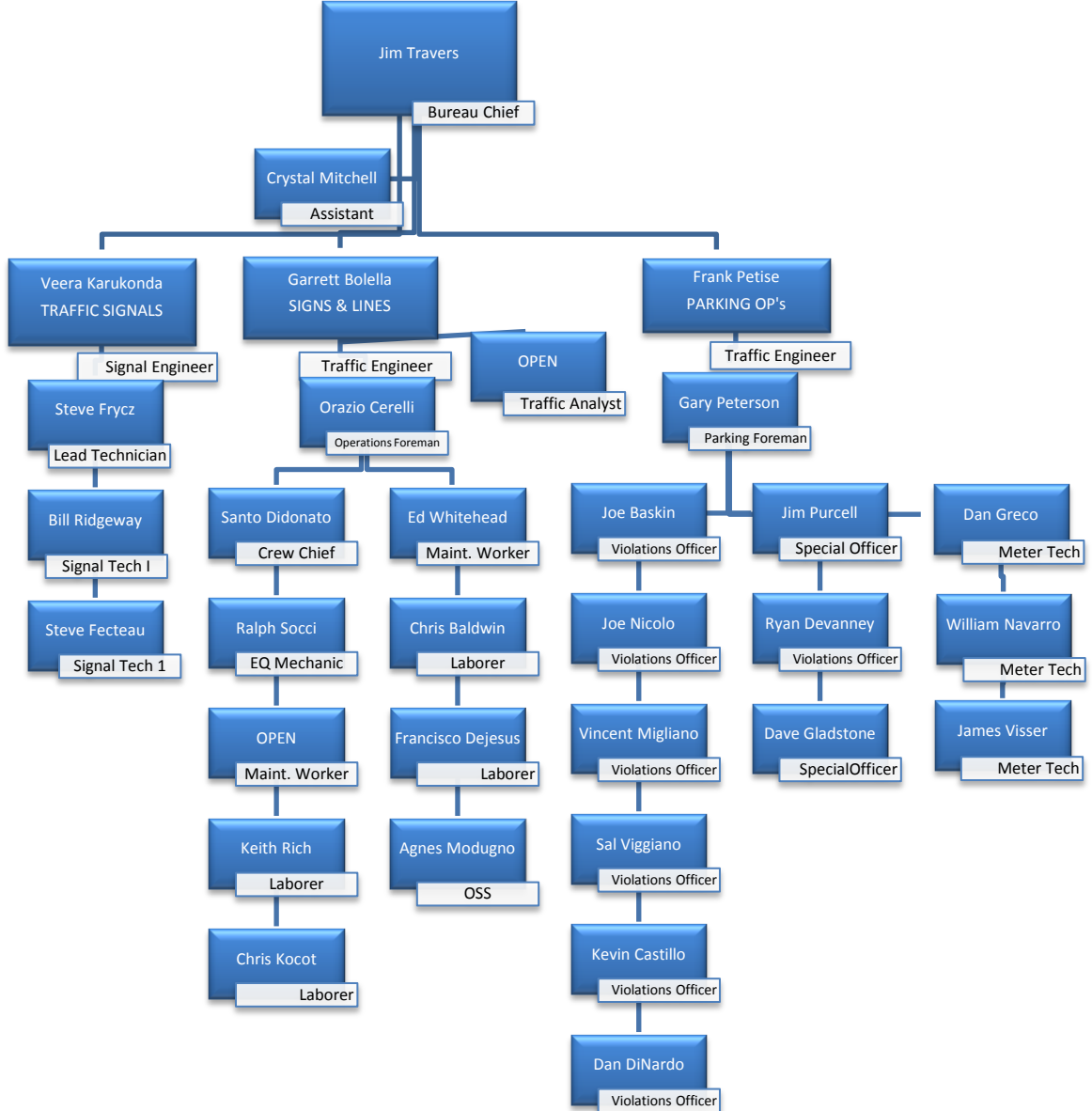


Services Provided

Program	Services Provided
2139 Parking	<ul style="list-style-type: none">▪ Provide convenient & safe metered parking in 600+ on-street spaces and 3,000 + off-street spaces<ul style="list-style-type: none">• Increased Operations revenue by approx. 7%• Repaired 2500 parking meters and 84 Pay Stations.• Piloted new credit card accepting single-space parking meters.• Piloted new pay-by-plate parking pay stations.• Completed conditions assessment on Bell & Bedford Street garages.



Department Organization, Personnel and Resources





Department Organization, Personnel and Resources

- Additional Resources
 - Traffic Signal Contractors
 - Pavement Markings Contractor
 - Parking Management Contractor
 - Maintenance & Enforcement Vehicles
 - Planning & Engineering Consultants



2017-18 Highlights

Challenges

- Execution of multiple roadway projects.
- Hiring of two Traffic Engineers.
- Implementing new parking technology.
- Modernizing technology, infrastructure, and best practices to improve project flow, traffic safety and citizen engagement.
- Implementing conditions assessment recommendations on parking structures.

Accomplishments

- Awarded \$3M in Federal Funding for Traffic Signal Modernization Phase G (6 intersections).
- Awarded \$2M + for West Ave and West Main Street improvements.
- Awarded \$2.4M for Greenwich and Pulaski round-a-bout.
- Projects in construction: Atlantic Street @ Henry Street, and Oaklawn Avenue
- Project in coordination: Courtland Ave, and Atlantic Street Bridge
- Began Citywide Fiber Upgrade Installation.
- Began Signal Optimization.
- Began Parking Structure Improvements.
- Piloted new SMART meter technology.
- Assisted with the snow removal of city streets by citing 845 vehicles and removing 463 of those vehicles to enable plowing.
- The Parking division increased coverage in Parks/Beaches for the Summer months, and year-round shift coverage general enforcement

2017/18 TT&P Initiated Grant Requests

<u>Funding Source</u>	<u>Request</u>
CTDOT	Pedestrian Signage at 67 uncontrolled crosswalks
Community Connect	Complete Streets in Springdale and Glenbrook
Community Connect	Citywide Wayfinding
CT/OPM	Boxer Square intersection improvements
LRARP	Broad Street between Atlantic St and Greyrock St
Section 5310	Summer Street senior mobility
CTDOT	Washington Blvd Corridor Study
CMAQ	Traffic Signal Modernization – Project H
t4america	Creative Placemaking
CT/DECD	Waterside (BAR) Planning Grant
CTDOT	Merritt Parkway Trail (First Mile)
CT/OPM	Keep Kids Safe (Street Smarts)



2018-2019 Goals

- Complete Fiber Optic Trunk Cable Replacement project.
- Complete signal optimization and synchronization project.
- Complete Project G, Traffic Signal Modernization (6 intersections).
- Design Project H, Traffic Signal Modernization (estimate 6-7 intersections).
- Complete Atlantic Street @ Henry Street intersection improvement.
- Complete Oaklawn Avenue btwn Halpin Av and Stanwich Place improvements.
- Begin West Ave @ West Main St. improvements (start Summer 2018).
- Complete Selleck St @ Greenwich Av and Southfield intersection improvements.
- Begin Greenwich Ave @ Pulaski round-a-bout (start Summer 2018).
- Fund and implement Greenwich/Davenport circulator project.
- Design Main St @ Atlantic Street Intersection Improvements.
- Complete Strawberry Hill @ Rock Spring Road realignment (pending funding).
- Begin Summer Street Corridor Accident Reduction Program (Summer 2018).
- Environmental Impact Evaluation (EIE) / Environmental Assessment (EA) for Atlantic St. corridor.



2018-2019 Goals (cont'd)

- Complete electrical system upgrade for Bell Street Garage
- Improve parking management for on-street and off-street parking
 - Improve technology for appeals and adjudication
 - Transition to digital permitting.
 - Install credit card accepting SMART meters
 - Implement parking structure improvements.
- Introduce Zip-car (car-sharing) in strategic locations
- Implement several Safe Routes to Schools initiatives focusing on access and walkability
- Implement Stamford Street Smart safety and education initiatives
- Begin implementation of City-wide Pedestrian & Bicycle Action Plan
- Implement a Complete Streets manual and complete streets request form.
- Implement several traffic calming recommendations
 - Sidewalk Extensions
 - Chicanes
 - Narrow Curb Radii
 - Bump-outs
- Seek funding for High Ridge Road traffic calming and roadway improvements
- Improve pavement markings transition and reflectivity.

Changes and Challenges

■ ***Major Changes Planned***

- Complete City-wide Traffic Signal Optimization.
- Complete City-wide Fiber Optics Upgrade.
- Transition to Credit Card accepting SMART Meters.
- Investigate Digital Permitting for all Monthly Parking.
- Begin Greenwich/Pulaski round-a-bout and Greenwich/Davenport one-way Circulator.

■ ***Transportation Improvement Projects (State/Federal Funded)***

- Waterside
- West Ave @ West Main
- Courtland Avenue
- Summer Street
- Oaklawn Avenue
- Atlantic Street Bridge

■ ***Key Program Challenges***

- Execution of multiple high profile traffic improvements.
- History of deferred maintenance.
- Prioritization and management of improvement projects.
- Capital investment.

Budget Changes Highlights

□ 2112 Traffic Maintenance (page 70)

▪ \$2,000	Equip. Maintenance	(2112-6605)	-20%	Repair graphic/cutting sign equipment
▪ \$882	Gasoline	(2112-5101)	96.1%	Improvements in vehicle maintenance
▪ \$600	Telephone	(2112-5301)	24%	Telephone, fax & cell phone cost
▪ \$75,000	Street Painting Supplies	(2112-6503)	100%	line item removed from Capital to Operating
▪ \$5,000	Street & Traffic Signs	(2112-6504)	20%	Replacement & maintenance of traffic signs
▪ \$3,000	Vehicle Maintenance	(2112-6601)	-23.1%	Maintenance & Repair of dept. owned vehicles
▪ \$1,000	Small Tools & Replace	(2112-6700)	-50.0%	Purchase & replace shop tools for traffic equip.
▪ \$2,500	Non Cap Comp Equip	(2112-6710)	-50.0%	Purchase of tools to install sign posts.
▪ \$800	Protective Clothing	(2112-6901)	66.7%	contractual obligations
▪ \$1,690	Uniforms	(2112-6902)	51%	contractual obligations

2112 – Increase in Street Painting Supplies was a required change from Planning to move from Capital to Operating. Other changes are primarily fixed costs or contractual obligations, offset by proper allocation of spending and historical expenditures.

□ 2210 Trans/ Plan & Eng. (page 72)

▪ \$53,922	Traffic Analyst	(2210-1100)	100%	Analyze traffic data to prioritize improvements
▪ \$2,500	Advertising/ official notices	(2210-5400)	100%	Advertising & legal notices ie: RPPP
▪ \$450	Postage	(2210-5405)	81.8%	Postage changes for mailings ie: RPPP
▪ \$20,000	Equip. Maintenance	(2210-6605)	-20%	Repair & Replace signal equipment
▪ \$3,000	Software Maintenance	(2210-6610)	-20%	Traffic signal system software upgrade & maintenance
▪ \$1,000	Conference & Training	(2210-3202)	50%	Certified Engineers required training/staff
▪ \$2,585	Gasoline	(2210-5101)	44.5%	Charges for vehicle maintenance
▪ \$3,200	Diesel fuel	(2210-5102)	80.0%	Charges for vehicle maintenance
▪ \$2,000	Vehicle Maintenance	(2210-6601)	25%	Charges for vehicle maintenance & repairs
▪ \$500	Uniforms	(2210-6902)	100%	Field safety clothing

2110 – Traffic Analyst is needed to compile and analyze data to make proactive improvements rather than reactive decisions. Advertising and Postage are largely increased by reinstating RPPP and the requirements for notification. Conferences and training are requirements to maintain PE and PTOE licensing and staff development. Other changes are fixed costs or contractual obligations that that are offset by proper allocation of funding and historical expenditures.

Budget Changes Highlights

❑ 2139 Parking

- \$2500 Clothing Allowance (2139-5101) 29.8% Contractual Obligations and Full Staff

This increase is to meet our contractual obligations for uniform costs for Violation Enforcement Officers and Special Officers.

❑ Grants Administration

- \$10,000 Street Smart Initiative (0245) – Pedestrian, cyclist, driver-safety and education campaign. Intended to reduce the number and severity of motor vehicle accidents.

This is a new line item for the Street Smarts pedestrian, cyclist, and driver safety and education campaign. This is under grants administration as we believe there are opportunities to fundraise to enhance traffic safety and ultimately reduce crashes.

Proposed Capital Budget

❑ CP8703 Traffic Safety & Mobility Projects

- \$125,000 Design and construction of small intersection and roadway projects to improve traffic safety and mobility

❑ CP7901 Strawberry Hill Av @ Rock Spring Intersection Improvements

- \$300,000 City-match for State LOTCIP application

❑ CP8219 Traffic Calming Implementation

- \$125,000 Implement measures to improve safety and quality of life in areas of high pedestrian usage