

Broadway Streetscape Project

City of Kingston
Mayor Steven T. Noble

A presentation for the DCTC
Bike Ped Advisory Committee Meeting

Presented by Kristen Wilson
Assistant Vice President of Community Development for RUPCO
and Former Director of Grants Management at the City of Kingston



GPI

Beginnings

- 2013 - The City of Kingston applied for NYSERDA Cleaner Greener Communities and NYSDOT Transportation Enhancements Program Grants and was awarded those grants for the project from St. James to Delaware Ave. (~ 1 mile)
- 2014 - The Ulster County Transportation Council began the Building a Better Broadway Plan
<https://ulstercountyny.gov/planning/broadway-corridor>



Beginnings

- 2015 - The UCTC completed the conceptual plan for the project. The City contracted with GPI to conduct design activities for the entire corridor from St. James to Delaware Ave.
- 2016 - The City applied for additional grant funding for the project from the NYSDEC Climate Smart Communities Program and the NUSEFC Green Infrastructure Grant Program. It was clear that funding available would only cover construction from St. James to Grand St. (~0.6 miles)



Beginnings

- Part of the Kingston Greenline and Empire State Trail



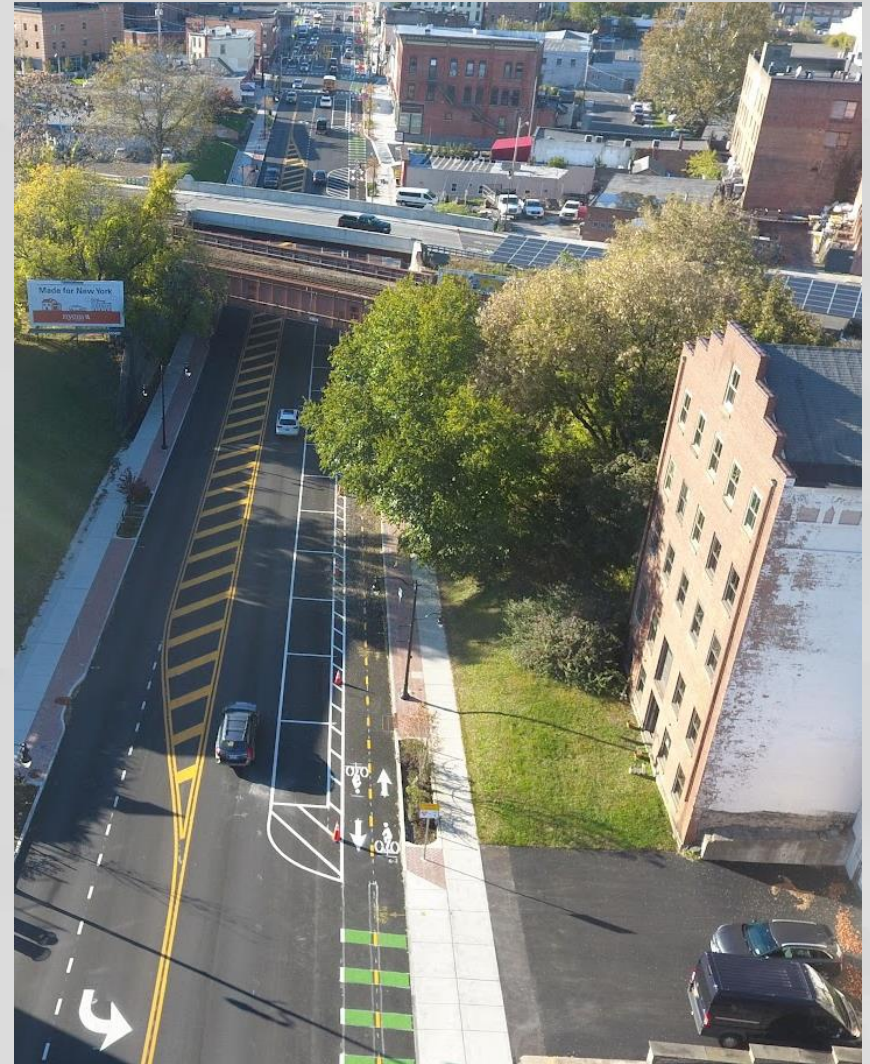
Project Goals

- Improve traffic safety for all street users and pedestrian and bicycle access on Broadway from St. James Street to Grand Street.
- Improve transit and traffic flow through signalization optimization from St. James Street to Foxhall Avenue.
- Enhance aesthetics of the business corridor with new sidewalks, lighting, street furniture, and bicycle facilities.
- Incorporate green infrastructure including bioswales and trees in the sidewalks to redirect stormwater away from the drainage system.



Design

- 2017 - The project was shortened from St. James to Grand St. The City submitted preliminary design reports to NYSDOT. It was challenging to get initial approvals for the protected bike lane.
- 2018 - The City got approvals from the NYSDOT for preliminary design including the protected bike lane. GPI and the City advanced final design.



Design

- 2018 -2019 - The City and GPI worked diligently on every aspect of design along with City departments, utility companies, City Commissions, and the Kingston Land Trust.
- 2019 - The Broadway-Grand Intersection Project came online when the Mayor proposed buying the former Planet Wings Lot and the City secured funding through Assemblyman's Kevin Cahill's Office.



<https://engagekingston.com/broadwaygrandintersection>



Project Elements

- new ADA accessible sidewalks
- paving of the entire roadway
- new street lane configuration for parking, bikes, and vehicles that improve safety for all users
- synchronized traffic lights that will move vehicular traffic more quickly at a consistent, safe speed
- new traffic and wayfinding signs
- 49 bioswales that divert stormwater from flowing into the Rondout Creek, reduce the stormwater volume that goes to the city's water treatment plant and improve water quality, and add greenery
- 2 interpretive panels that explain the bioswales
- 22 benches
- 76 new healthy street trees that are appropriate for the environment and will not heave the sidewalk
- 235 deciduous shrubs, 1470 herbaceous plants
- 23 trash and 23 recycling cans
- 28 bike racks
- removal of antiquated parking meters and the addition of modern parking kiosks
- integration with the design of the I-587 roundabout and seamless connections for pedestrians and bicyclists from one project to the other
- making a connection on the Kingston Greenline and Empire State Trail



Proposed Design

Streetscape Amenities



Proposed Design

Streetscape Amenities Removable City Posts



2" and 4" aluminum anchor cups and optional pop-in, screw-out anchor cup plug cap for when post is removed



The anchor cup securely installed shown with and without plug cap



Clear shield and rubber gasket factory-applied for a clean installation



City Posts can be tightened and loosened with the City Post wrench

Proposed Design

Curb Gutters



Recessed



Curb Box with Trash Grate



Drop Curb



Curb Box

Proposed Design

Streetscape Amenities Permeable Pavers



Eco-Line Pavers

Finish - Standard slip-resistant

Color - Heritage Brown

Pattern - Herringbone with 1/4" wide spacing lugs

Locations – Snow storage areas and @ building faces

Border – no border

Proposed Design

Tree Guard

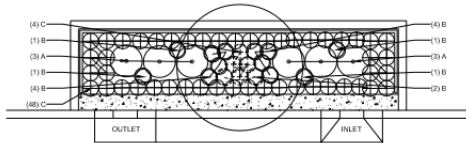


Proposed Design

Standard Plantings For Bioswales and Rain Gardens

URBAN PLAN 1 PLANT SCHEDULE

QUAN	KEY	PLAN VERSION	TYPE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
6	A	A	SHRUB	ILEX GLABRA 'SHAMROCK'	INKBERRY	#5 CONT. OR 8x8	2' O.C.
		B	ROSE	ROSA PALUSTRIS	SWAMP ROSE	#2/#3 CONT.	
12	B	A	PERENNIAL	HIBISCUS MOSCHEUTOS 'LUNA PINK'	HARDY HIBISCUS	#2 CONT.	12" O.C.
		B	PERENNIAL	RUDBECKIA SUBTOMENTOSA 'HENRY EILERS'	SWEET CONEFLOWER	#2 CONT.	
48	C	A	GRASSES	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	FOUNTAIN GRASS	#2 CONT.	12" O.C.
		B	GRASSES	CAREX 'ICE DANCE'	SEDGE	#2 CONT.	
ONLY PLANTED IN R.O.W. RAIN GARDEN OR R.O.W. BIOSWALE WITH NO TREE							
2	B	A	PERENNIAL	HIBISCUS MOSCHEUTOS 'LUNA PINK'	HARDY HIBISCUS	#2 CONT.	12" O.C.
		B	PERENNIAL	RUDBECKIA SUBTOMENTOSA 'HENRY EILERS'	SWEET CONEFLOWER	#2 CONT.	
4	C	A	GRASSES	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	FOUNTAIN GRASS	#2 CONT.	12" O.C.
		B	GRASSES	CAREX 'ICE DANCE'	SEDGE	#2 CONT.	



URBAN PLAN 1

ROW'S IN COMMERCIAL AND INDUSTRIAL AREAS WITH HIGHER VOLUME CIRCULATION



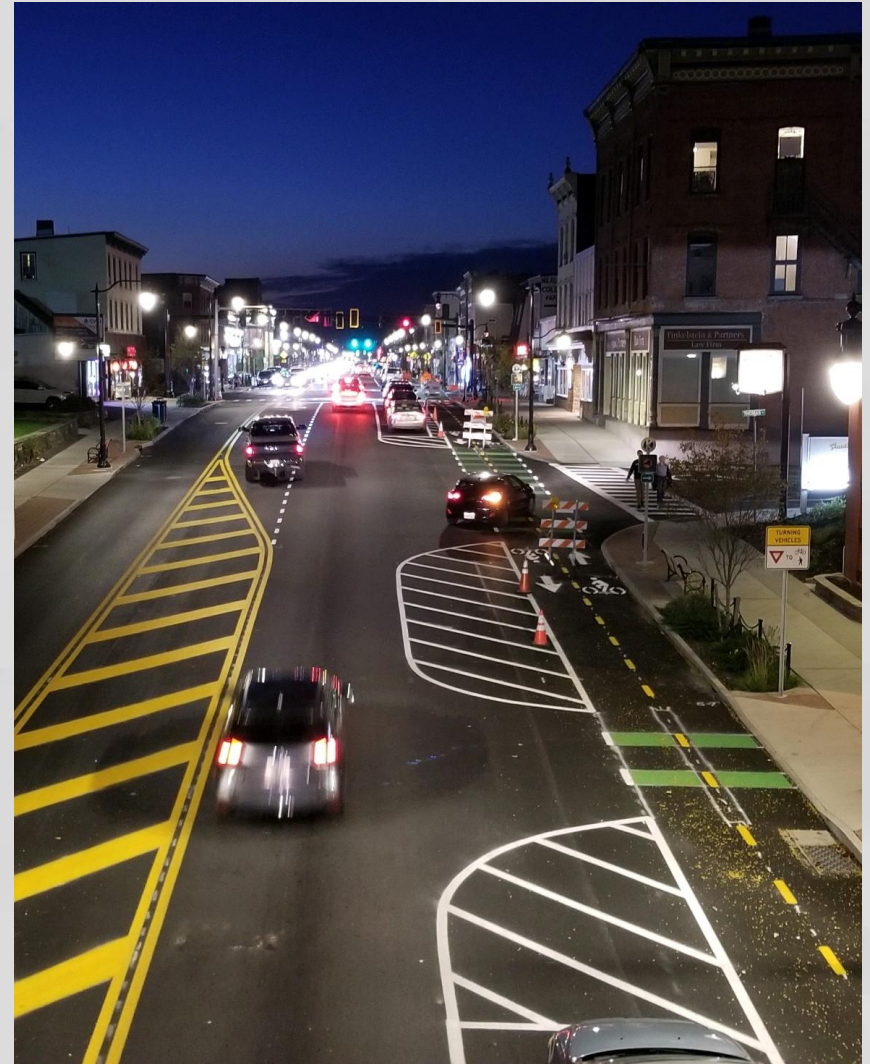
Funding Approvals

- January 2020 -Final design (plan, specifications, and estimates) for Broadway Streetscape were completed and approved by NYSDOT. The Council approved bond funding for the project.
- December 2020 - Common Council approves funding for Broadway & Grand Intersection Project



Construction

- Spring 2020 - The project was bid and awarded to Luizzi Brothers. Construction began.
- Spring 2021 - The Broadway Grand project was bid and awarded to A Colarusso and Sons.
- January 2022- Construction is mostly complete with supply chain issues affecting installation of signalization.



Final Project Funding - Broadway Streetscape

- Total Project Cost = \$9,113,248
- NYSDOT - Transportation Enhancements Program - \$2,001,500
- NYSDOT - Reallocated Earmark Funds - \$360,000
- NYSERDA - Cleaner, Greener Communities Program - \$844,000
- NYSDEC - Climate Smart Communities Program - \$850,000
- NYSEFC - Green Infrastructure Grant Program - \$1,400,000
- City Bond - \$3,657,748



Final Project Funding - Broadway Grand

- Total Project Cost = \$1,550,000
- NYSDOT Multimodal Funds -\$750,000
- CDBG Funds - \$50,000
- City Bond - \$750,000



Parting Shots



Parting Shots



Contact Information

- Project Manager and City Engineer - John Schultheis jschultheis@kingston-ny.gov
- Engineering Technician - Greg Krupp gkrupp@kingston-ny.gov
- Director of Health and Wellness (Manager of current Pedestrian and Bicycle Master Plan project) - Emily Flynn eflynn@kingston-ny.gov
- Consultant Project Engineer at GPI - Chris Cornwell ccornwell@gpinet.com
- Previous Broadway Project Manager and Former Director of Grants - Kristen Wilson kwilson@rupco.org

