

Assemblage Landscape Architecture, DPC



Village of Mamaroneck Greenway Phase 1 Concept Design

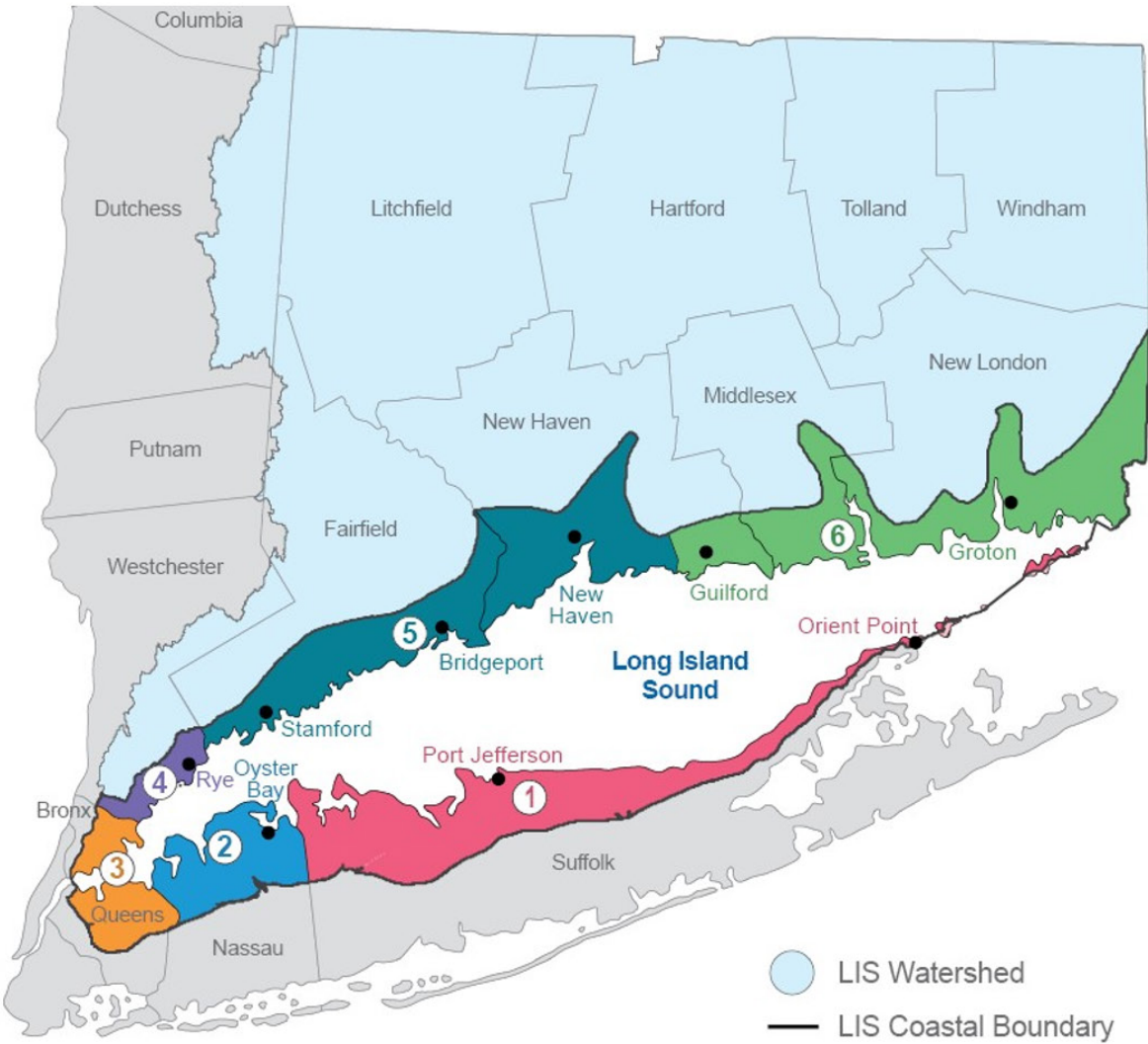
Supported by the Long Island Sound Resilience Planning Support Program

Board of Trustees Meeting
September 25, 2025

INTRO TO LONG ISLAND SOUND PARTNERSHIP & SRC TEAM



Sustainable and Resilient Communities Goal:
Empower Long Island Sound communities to plan for and respond to environmental challenges in ways that prioritize well-being for all.





Clean water and healthy watersheds



Thriving habitat and abundant wildlife



Informed and engaged public



Sustainable and resilient communities

LIS RESILIENCE PLANNING SUPPORT PROGRAM

Goal: To advance sustainable and resilience-focused projects to a design or implementation grant-ready stage

Type of Technical Assistance:
Project Scoping and Planning

Launched October 2023 2nd round opened in December 2024, 3rd round will open in Fall/Winter 2025

1st round: Awarded nearly \$1.1M to 15 Communities

5 in CT and 10 in NY



For more information:
lisresilience.org/assistance-programs

Or email me at:
slp285@cornell.edu

GREENWAY PHASE 1

- 0.6 miles of a planned 3.1 mile Greenway
- Phase 1 portion is between Fenimore Rd. & a parcel just south of Rockland Ave.

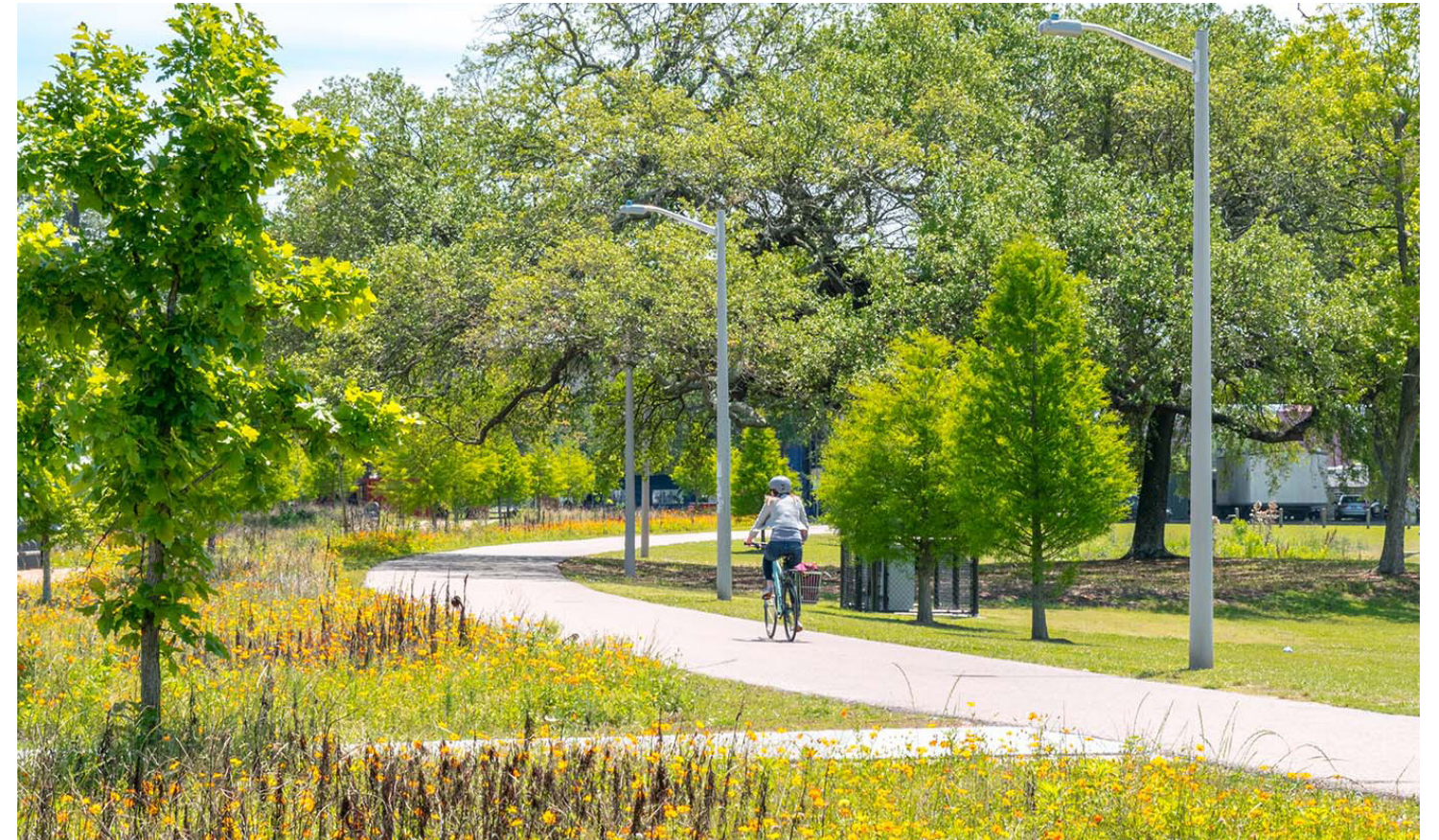


EXISTING CONDITIONS ALONG THE SHELDRAKE



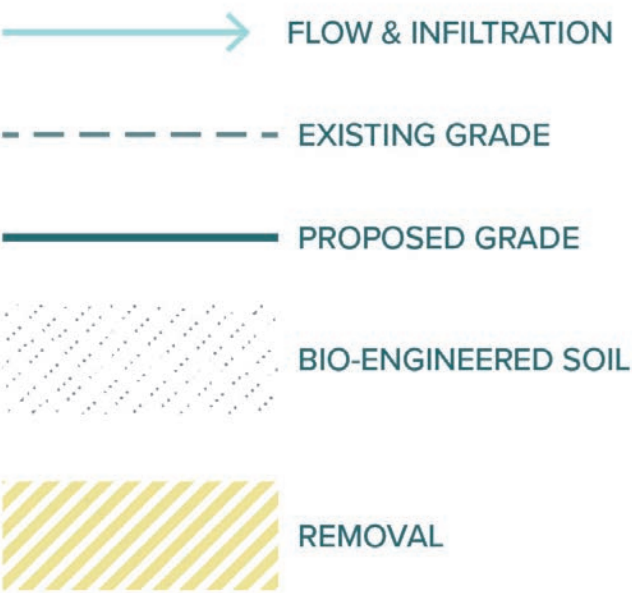
DESIGN GOALS

- Design an absorbent Greenway
- Provide uninterrupted connectivity along the Sheldrake River
- Design a space for recreation, education, & community stewardship
- Establish long-term governance & management of the Greenway

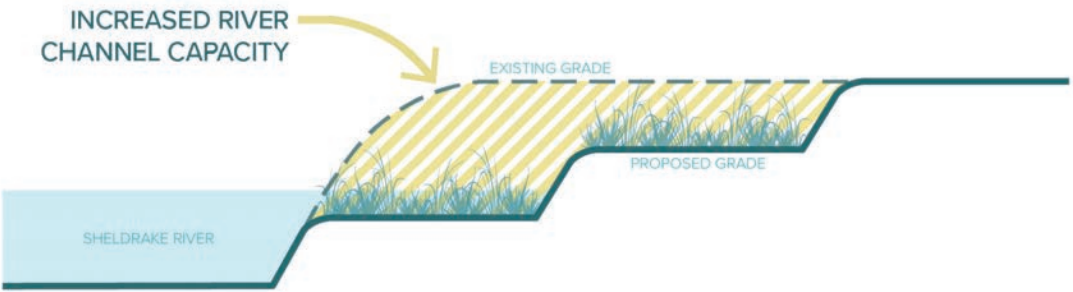


GREEN INFRA-STRUCTURE METHODS

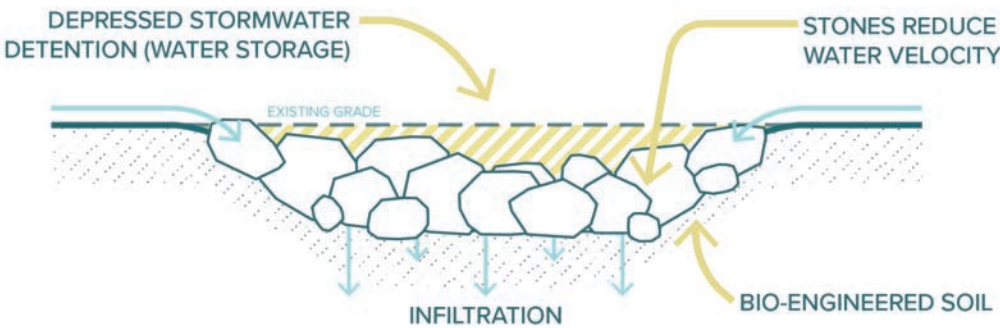
- Utilizing green infrastructure to store, absorb, clean, & slow down storm water
- Methods developed from an examination of bank conditions



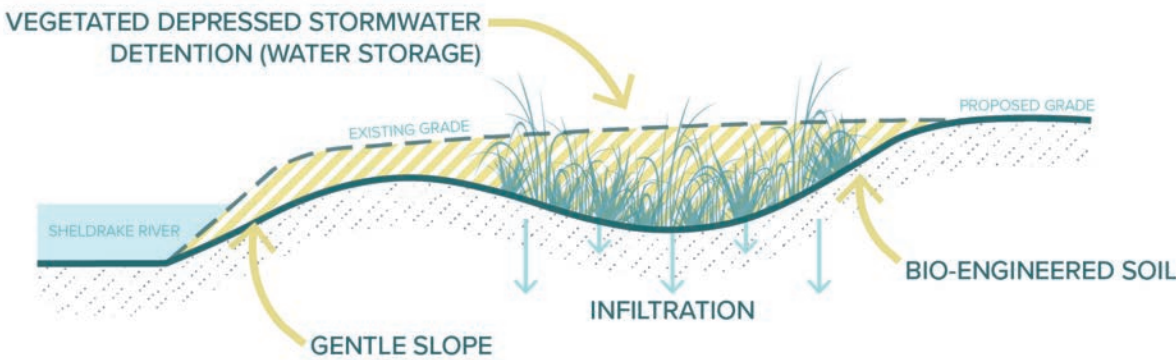
FLOOD BENCHING



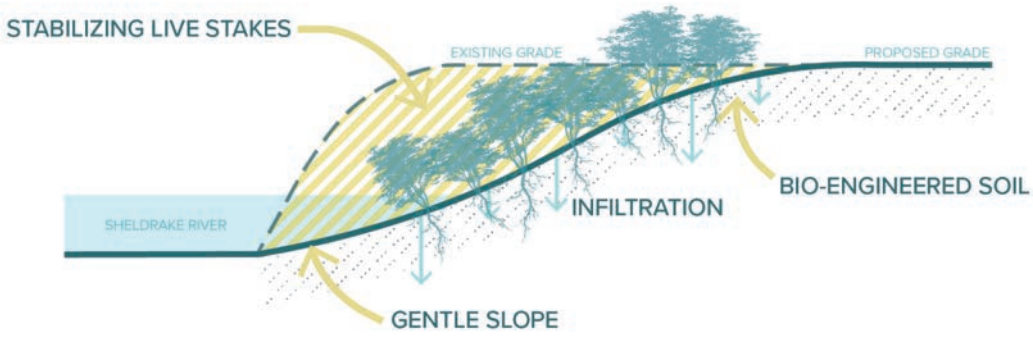
STONE SCOUR



BIORETENTION



EROSION CONTROL & BIO-ENGINEERED SOIL



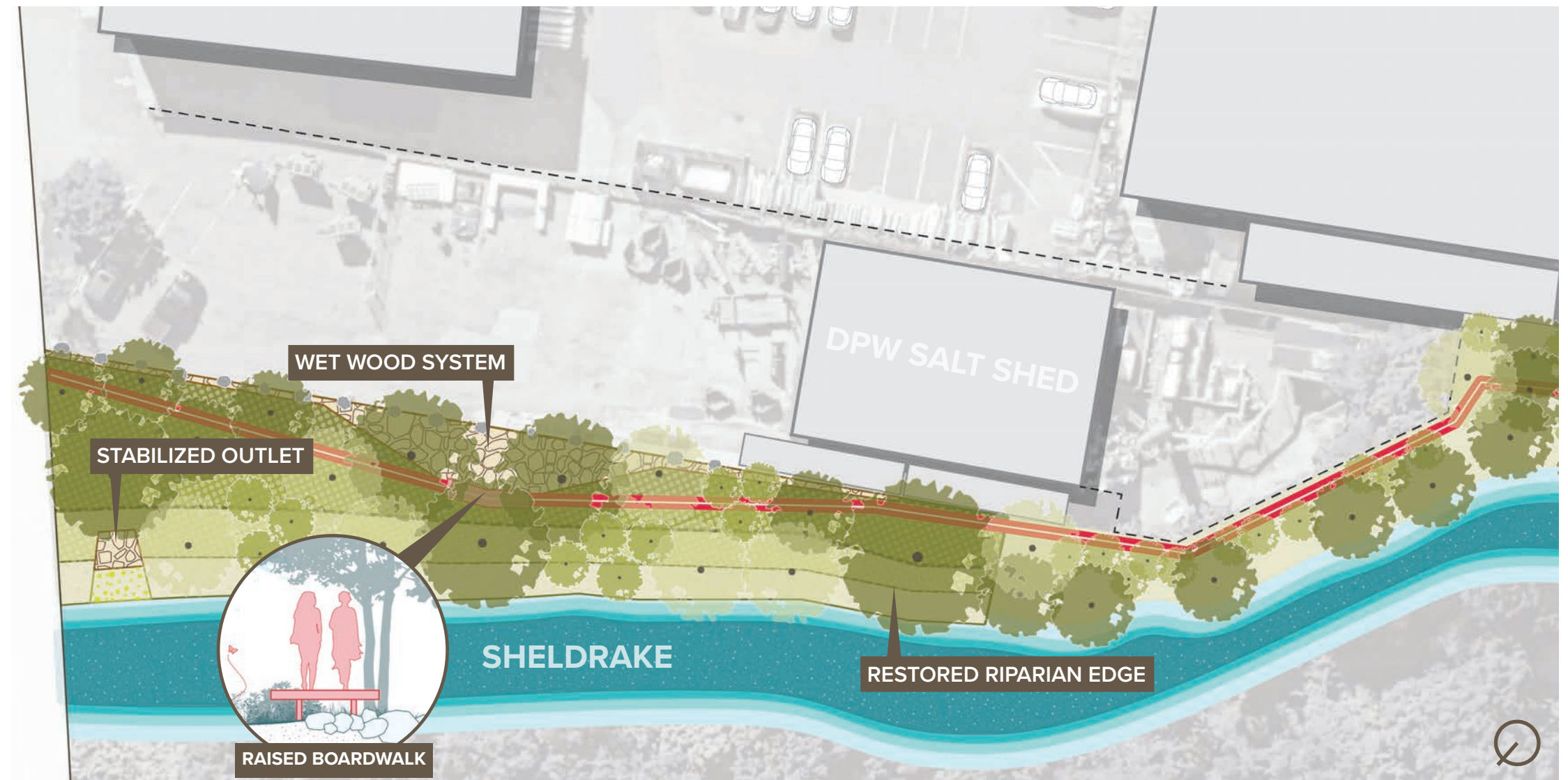
PRIORITY SITE: SALT SHED PARK

Current Conditions

- DWP Maintenance lot
- Store of salt
- Paved up to the banks of the Sheldrake

Proposed Design

- Stone Scour to protect against erosion & sedimentation
- Wet wood system to store & absorb floodwater
- Planted native riparian edge



PRIORITY
SITE: SALT
SHED PARK



PRIORITY SITE: OGDEN PARK

Current Conditions

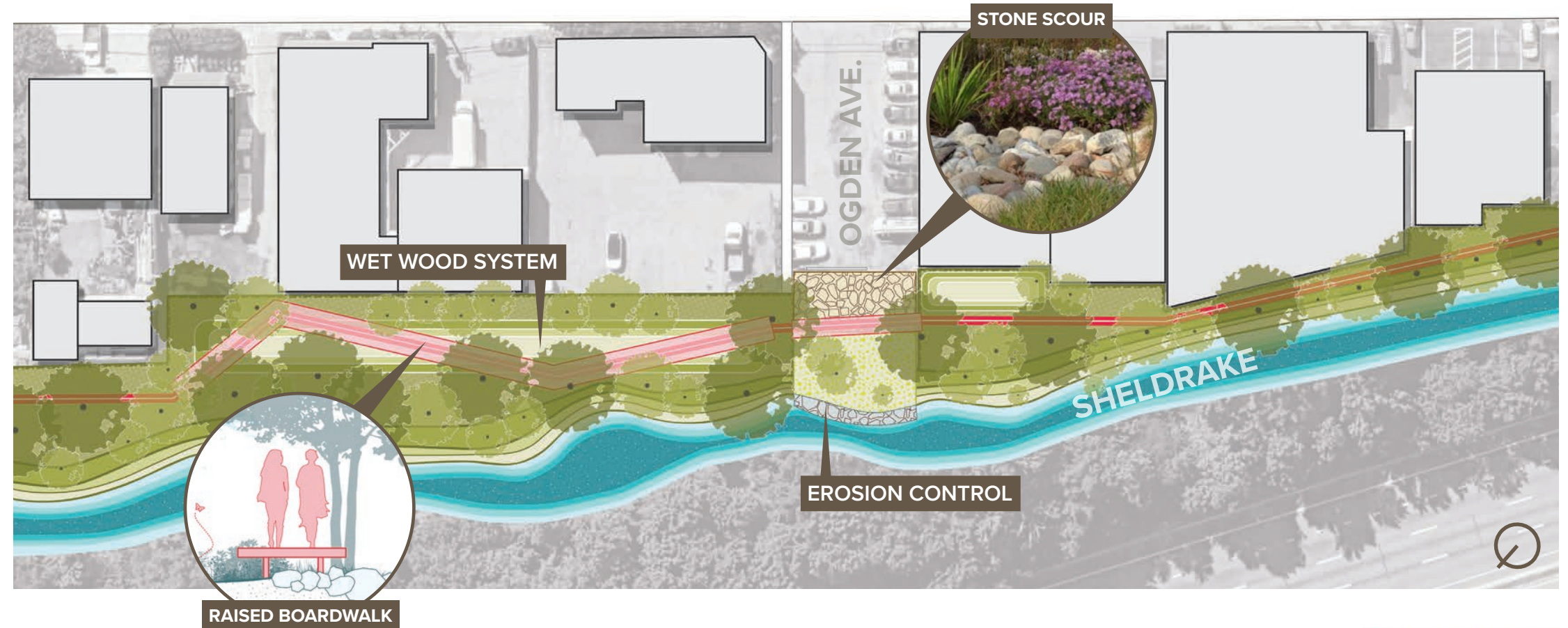
- Overflow parking
- Encroachment on to Village land
- Severe erosion & runoff into Sheldrake



FAYETTE AVE.

Proposed Design

- Stone scour to slow runoff
- Bio-engineered bank to stabilize pipe outfall
- Wet wood system to store & absorb floodwater



PRIORITY SITE: OGDEN PARK



PRIORITY SITE: ROCKLAND BIRD WALK

Current Conditions

- Forested area with mature trees
- Popular wildlife area
- Natural floodplain

Proposed Design

- Establish a floodplain reconnection point to allow floodwaters in & activate floodplain
- Forest restoration (invasive species management)



PRIORITY SITE: ROCKLAND AVE PARK



COST ESTIMATE

PRIORITY SITE SUMMARY	TOTAL
Salt Shed Park & Fenimore Rd. Street Crossing	\$ 827,567.00
Ogden Park	\$ 1,272,434.14
Fayette Connector	\$ 444,387.94
Bird Walk (option 1) & Rockland Ave. Street Crossing	\$ 970,667.14
Phase 1 Grand Total	\$ 3,515,056.22

FUNDING OPPORTUNITIES

Grant Opportunity	Grantor	Funding Priorities	Amount	Since	Description	Website
LONG ISLAND SOUND FUTURES FUND	National Fish and Wildlife Foundation	Improving water quality by reducing pollution from waters that flow into the Sound, restoring coastal habitats for productive ecological balance, and supporting engaged communities that use, appreciate and help protect the Sound.	for 2025: up to \$500,000 for design/planning and up to \$1.5 million for construction. Also up to \$250,000 for education and public participation grants.	2005	Supports projects to fully restore the health and living resources of Long Island Sound. It operates within a partnership of federal and state agencies, foundations, non-governmental organizations, educational institutions, user groups, and individuals dedicated to restoring and protecting the Sound.	https://www.nfwf.org/programs/long-island-sound-futures-fund
NY STATE ENVIRONMENTAL BOND ACT	NY State	protect water quality, help communities adapt to climate change, improve resiliency and create green jobs	\$4.2 billion available for environmental and community projects	2022	Bond Act Funding will support new and expanded projects across the State to safeguard drinking water sources, reduce pollution, and protect communities and natural resources from climate change in these categories: Open Space Land Conservation and Recreation, Water Quality Improvement and Resilient Infrastructure, Restoration and Flood Risk Reduction, Climate Change Mitigation	https://environmentalbondact.ny.gov/pages/funding-overview
GREEN RESILIENCY GRANT PROGRAM (GRG) - a Bond Act Grant	New York State Environmental Facilities Corporation (EFC)	Green Infrastructure for Flood Mitigation	\$60 million in 2025	Since 2024	Eligible projects include those that address combined and/or sanitary sewer overflow during extreme weather events and those that combine green infrastructure and nature-based features to ensure climate resilient infrastructure.	https://www.governor.ny.gov/news/duringearth-week-governor-hochul-announces-60-
GREEN INNOVATION GRANT PROGRAM (GIGP)	New York State Environmental Facilities Corporation (EFC)	Green Infrastructure Projects	\$15 million to 10 projects in 2024	annually since 2009	Through the NYS Consolidated Funding Application (CFA) process, the Green Innovation Grant Program (GIGP) supports projects across New York State that utilize unique EPA-designated green stormwater infrastructure design and create cutting-edge green technologies. Competitive grants are awarded annually to projects that improve water quality and mitigate the effects of climate change through the implementation of one or more of the following green practices: Green Stormwater Infrastructure, Energy Efficiency, Water Efficiency, and Environmental Innovation.	https://hudsonvalleyregionalcouncil.us14.listmanage.com/tack/click?u=231ca7acf14ac4775ebc31fe6&id=4f86e934da&e=72221cae0b
TREES FOR TRIBS (SHOVEL-READY NOT REQUIRED)	NYS Department of Environmental Conservation / Hudson River Estuary Program	Planting Trees for Healthy Tributaries	Tree Donations		Trees for Tribs offers free native trees and shrubs for qualifying planting projects in the Hudson River estuary watershed. The application deadlines are March 1 for a planting in spring, and August 1 for planting in the fall. We recommend that you to apply before the application deadline, especially if you have a large site or you want to request specific plant species	https://dec.ny.gov/nature/foresttrees/saratoga-tree-nursery/trees-for-tribs
CLIMATE SMART COMMUNITIES	NYS Department of Environmental Conservation / Hudson River Estuary Program	Supports implementation projects related to the reduction of greenhouse gas emissions and climate change adaptation	\$22 million in 2025	Annually since 2016	Funds are available for two broad project categories - implementation and certification. The first project category supports implementation projects related to the reduction of greenhouse gas emissions (mainly outside the power sector), climate change adaptation, and engineering feasibility studies for flood mitigation and Hydrofluorocarbons.	https://dec.ny.gov/environmental-protection/climate-change/resources-for-local-governments/grants-for-climate-action
NYS HUDSON RIVER VALLEY: Conservancy Trail Grant	NYS Hudson River Valley Greenway	Trail planning, design and construction	up to \$75,000 for design; up to \$250,000 for construction; up to \$250,000 for trail rehabilitation (amenities, signs, kiosks, and other improvements)	Summer (9/5/25) and Winter 2026	The Hudson River Valley Greenway Conservancy Trails Grant Program is dedicated to funding recreational trail projects. Special consideration is given to projects that seek to implement the goals of the Greenway Trail Program. The application emphasizes connections to the Empire State Trail.	https://hudsongreenway.ny.gov/grants-funding

THANK YOU!

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Assemblage  eDESIGN
DYNAMICS



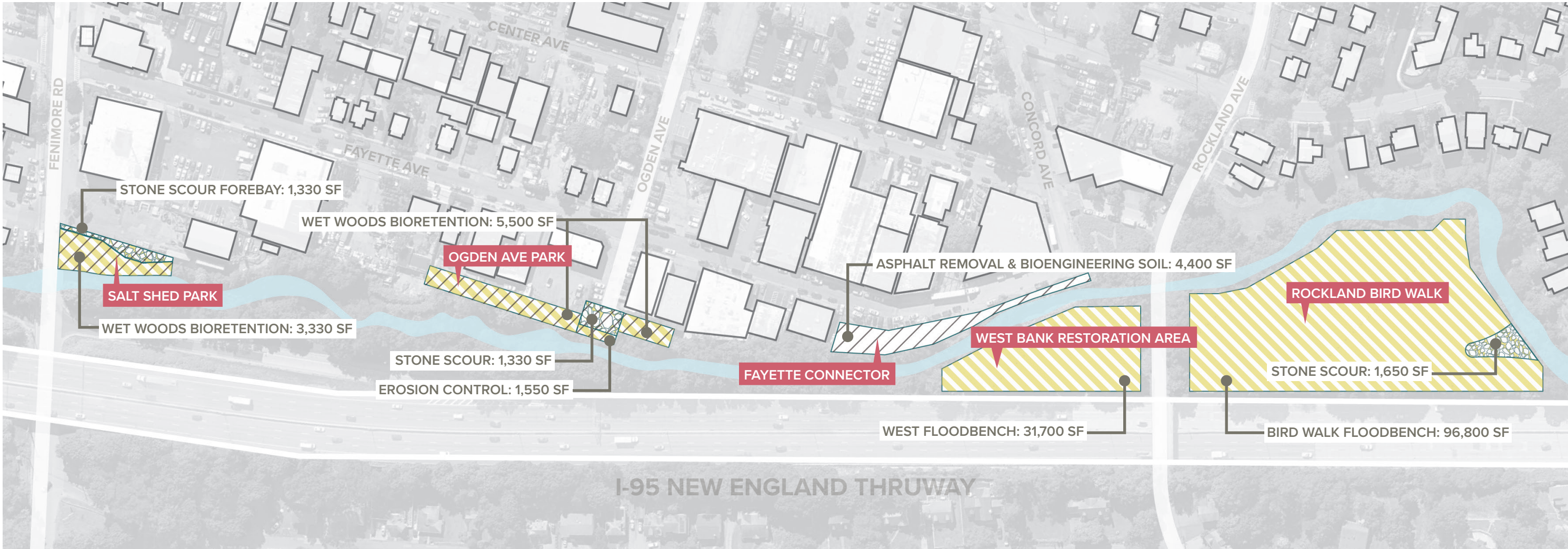
Welcome to the Village of
MAMARONECK
NEW YORK



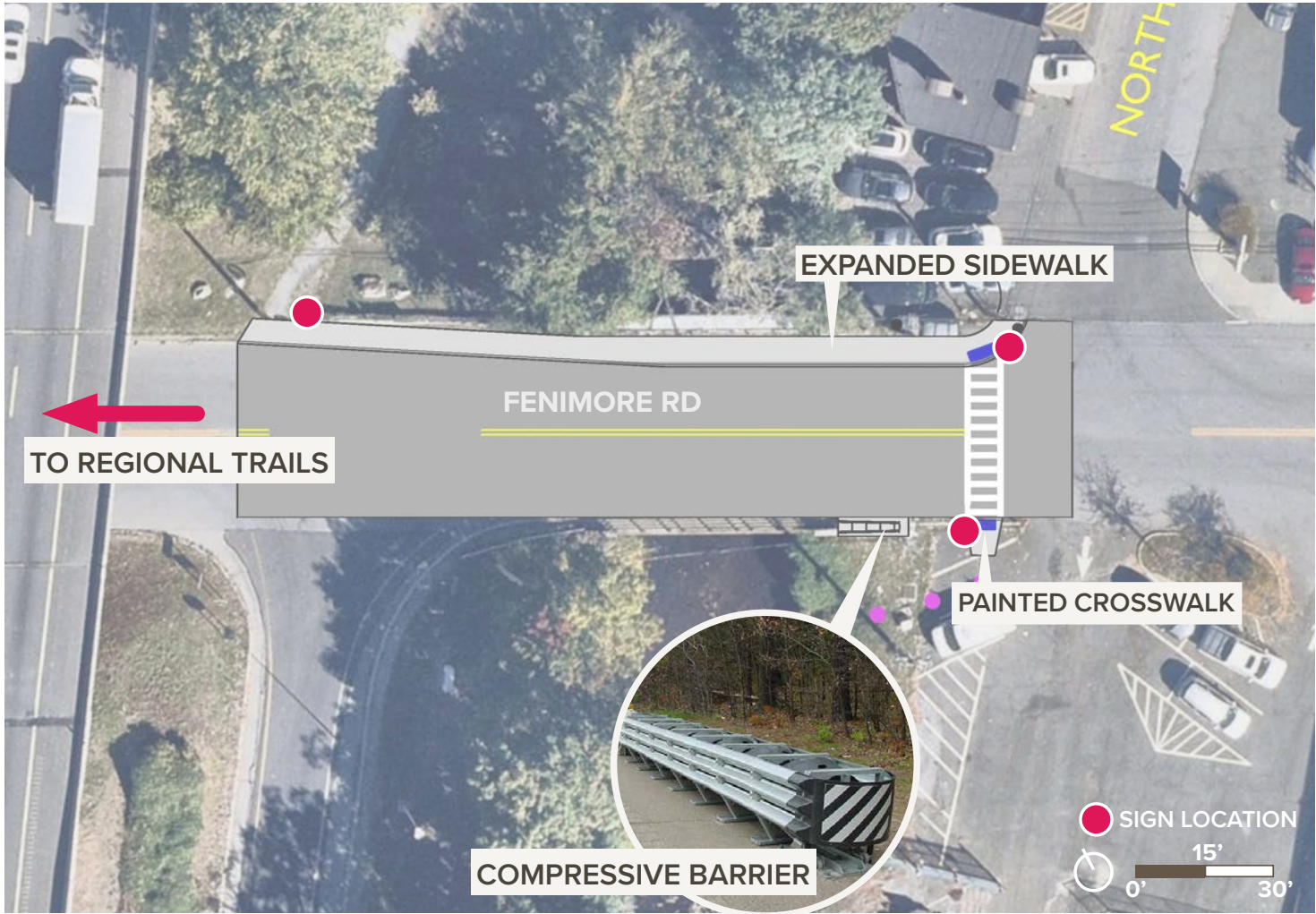
LONG ISLAND SOUND
PARTNERSHIP

APPENDIX

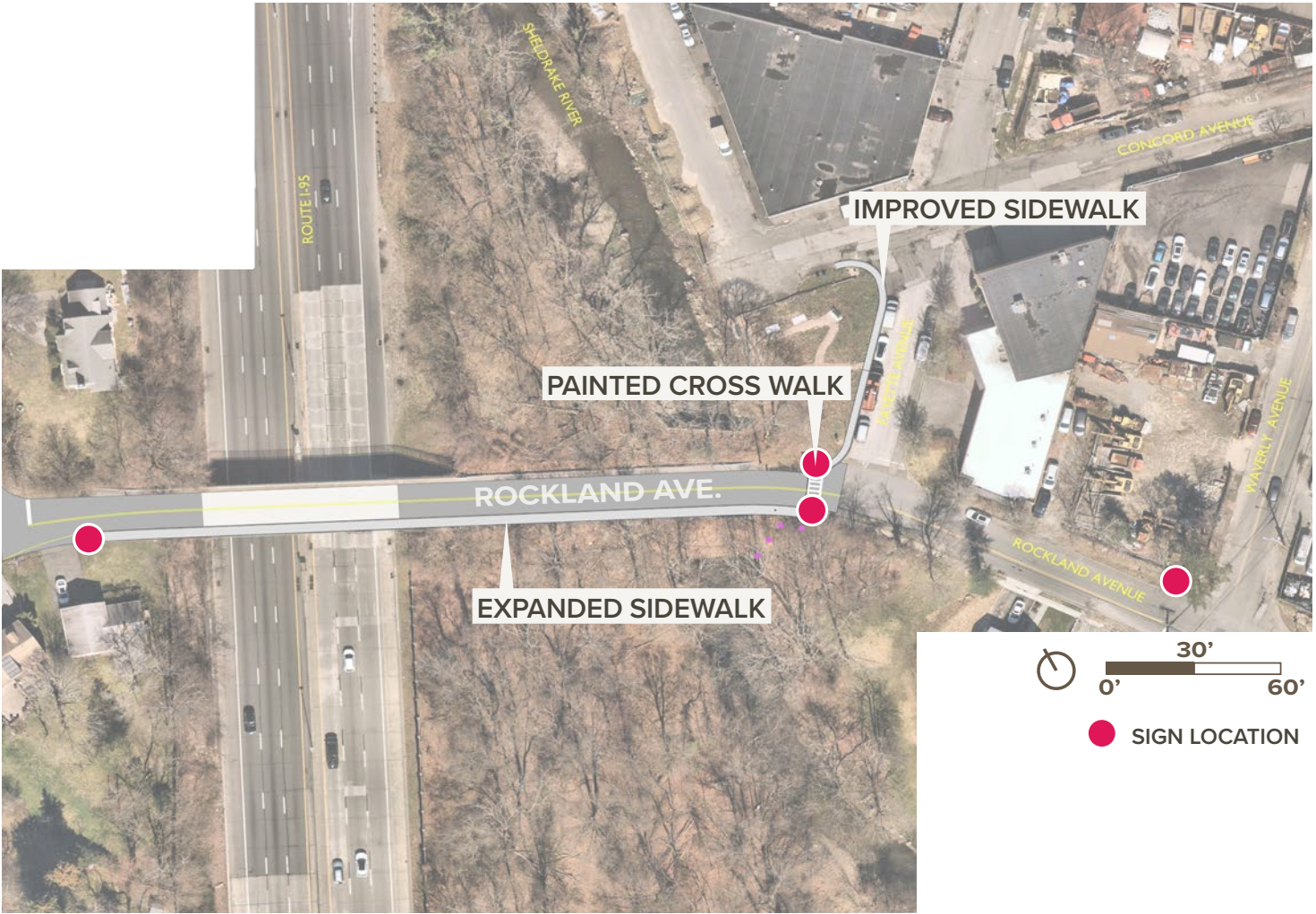
GREEN INFRASTRUCTURE PLAN OVERVIEW



STREET CROSSING DESIGN



Fenimore Rd. Crossing



Rockland Ave. Crossing