Hudson River Valley Greenway Link Study

Riverdale Riverfest June 24, 2012





Project Team











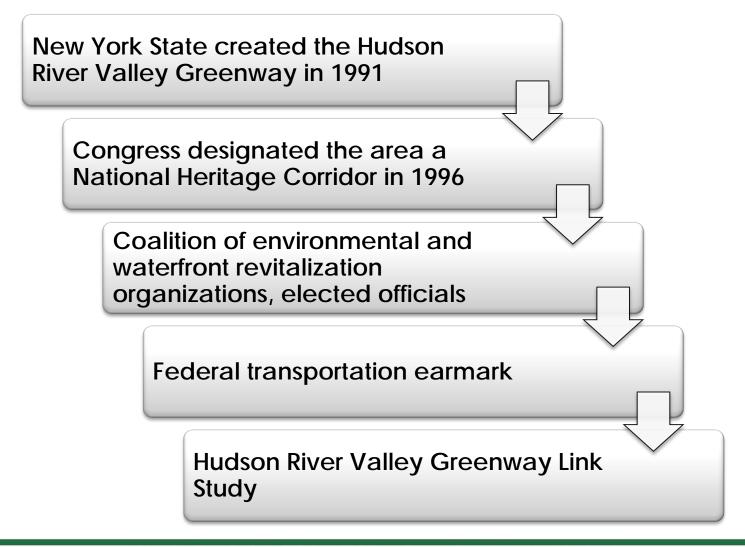
Eng-Wong, Taub & Associates

New York Metropolitan Transportation Council

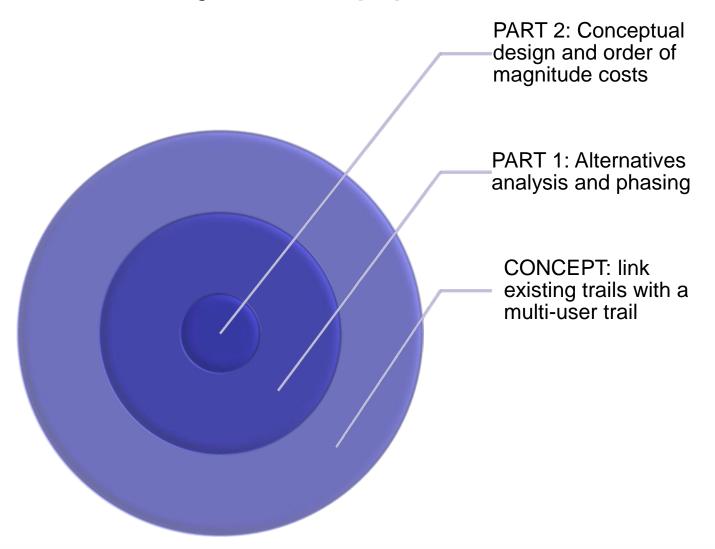




Project Background



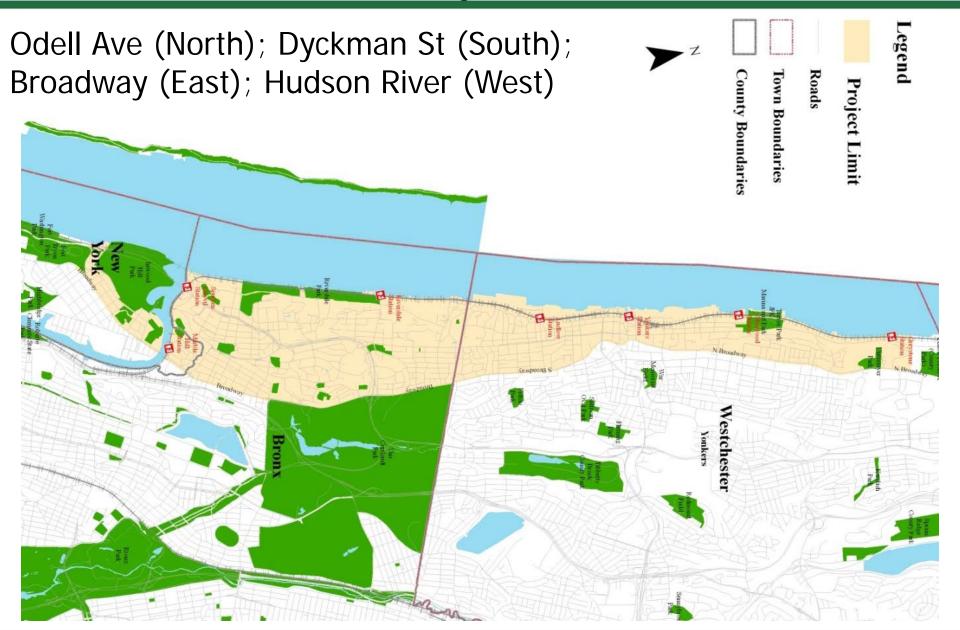
Project Approach



Project Steering Committee

- NYC Departments of Transportation, City Planning and Parks and Recreation
- City of Yonkers Planning Department
- Westchester County Departments of Planning, Public Works and Transportation, and Parks
- MTA Metro-North Railroad and MTA Bridges & Tunnels
- New York State Department of Transportation
- National Railroad Passenger Corporation (Amtrak)

Study Area



PROJECT GOAL





Close the gap between the Manhattan Waterfront Greenway in Northern Manhattan and the Old Croton Aqueduct Trail in Northern Yonkers – Sticking as close to the River as possible.

MWG @ Ft Washington Park, Northern Manhattan



OCA Trail - Odell Avenue, Yonkers

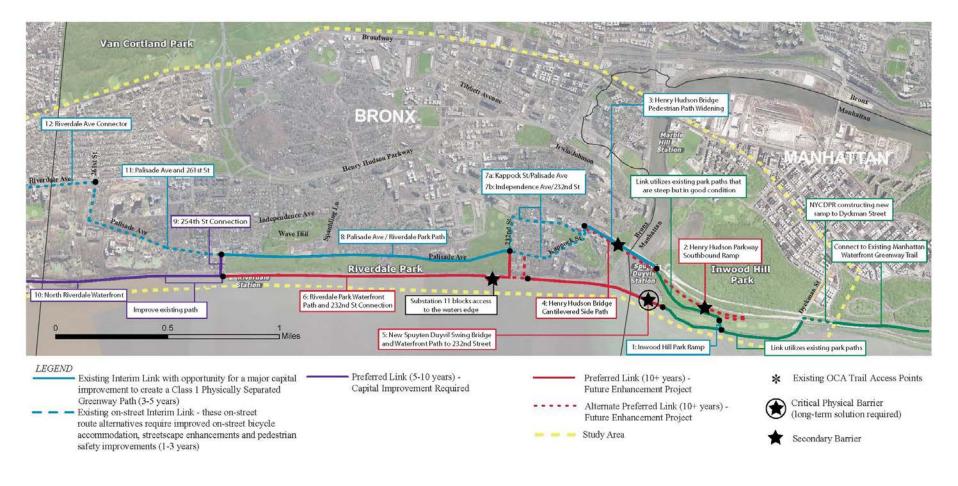


RECOMMENDED PHASING PLAN FOR WATERFRONT ALIGNMENT

A grand total of 20 discreet capital projects representing short, medium and long-term routing options

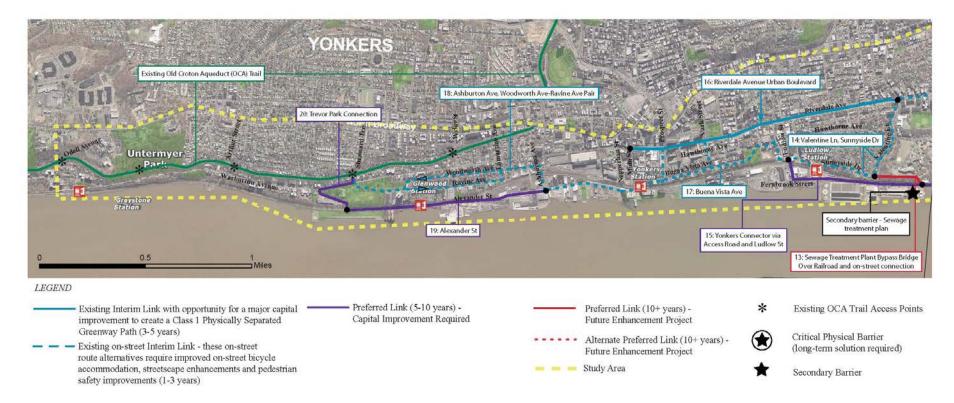
RECOMMENDED PHASING PLAN

MANHATTAN & THE BRONX



RECOMMENDED PHASING PLAN

YONKERS



Preferred Route

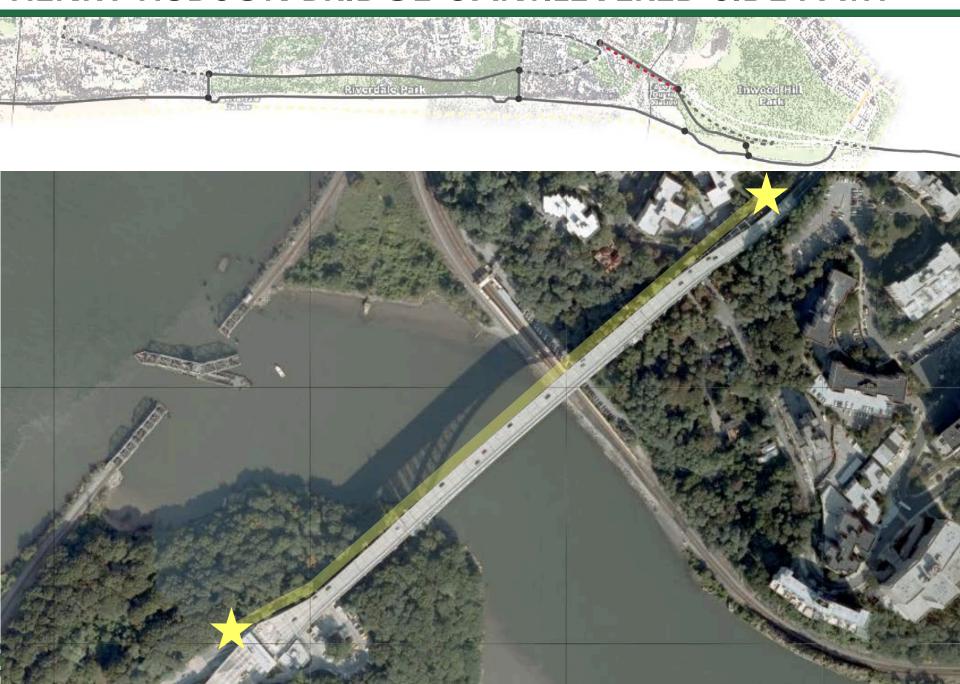
Specific recommended capital projects for which conceptual design is being advanced now – mostly waterfront route:

- Project # 4 Henry Hudson Bridge Side Path
- Project # 7 Kappock Street/Palisade Avenue
- Project # 6 Riverdale Pk Waterfront 232nd St 254th St
- Project # 10 North Riverdale Waterfront

Yonkers

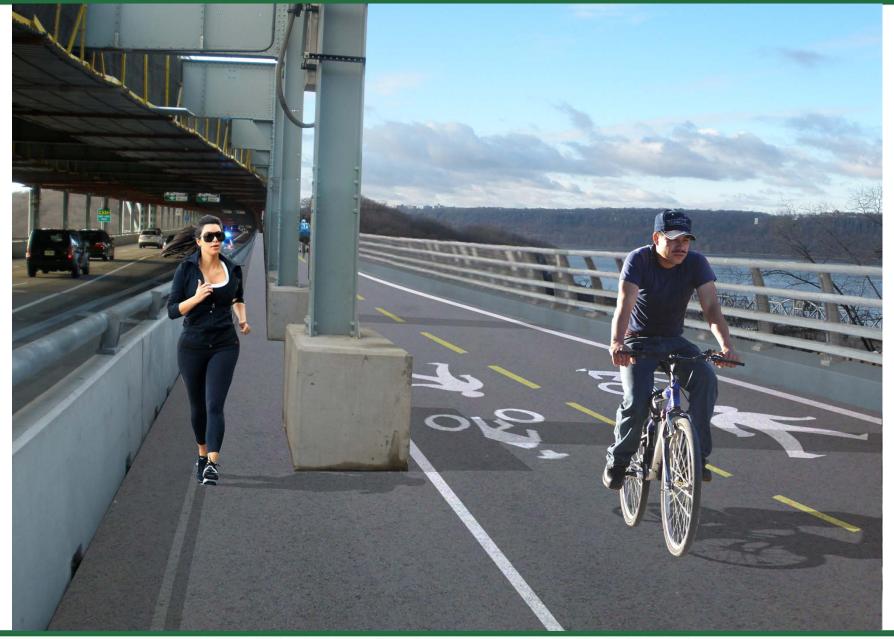
- Project # 15 -Fernbrook and Ludlow Streets
- Project # 17 Buena Vista Avenue
- Project # 19 Alexander Street
- Project # 20 Trevor Park Connection

PHASING PLAN PROJECT # 4









PHASING PLAN PROJECT # 7

KAPPOCK STREET/PALISADE AVE or INDEPENDENCE AVE/232ND STREET

KAPPOCK STREET/PALISADE AVENUE

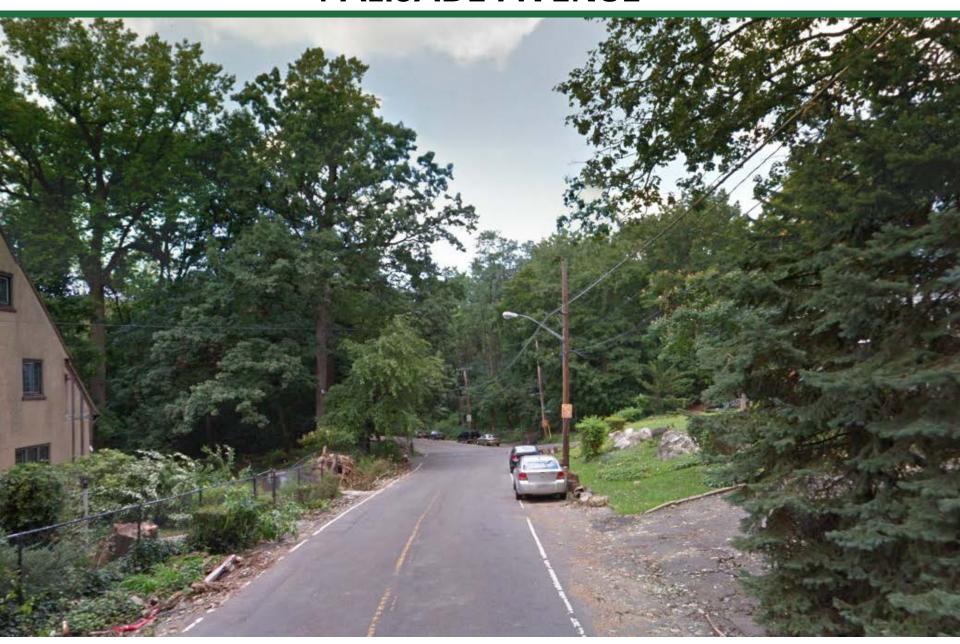


KAPPOCK STREET



EXISTING CONDITIONS

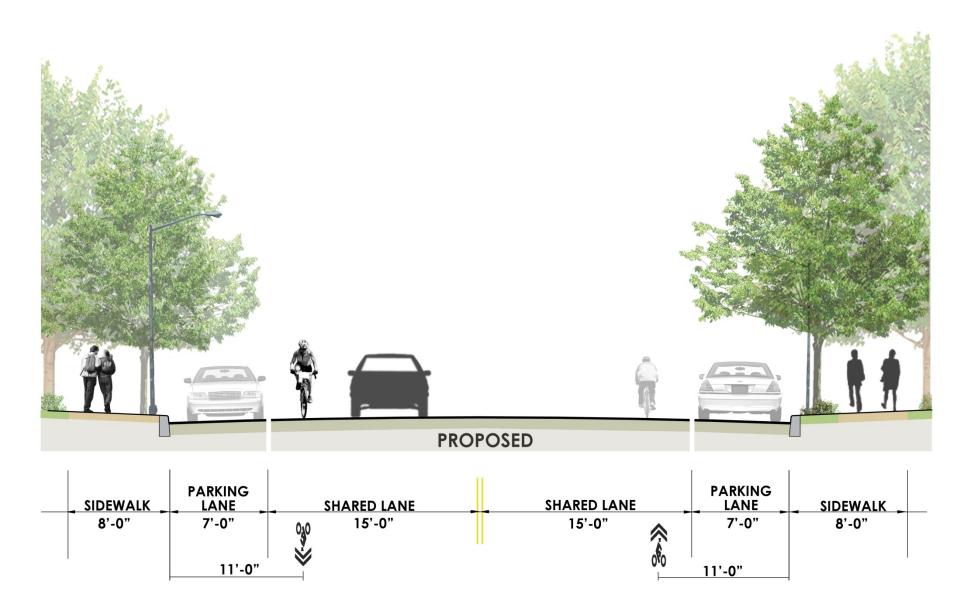
PALISADE AVENUE



EXISTING CONDITIONS - between 231 St and 232 St

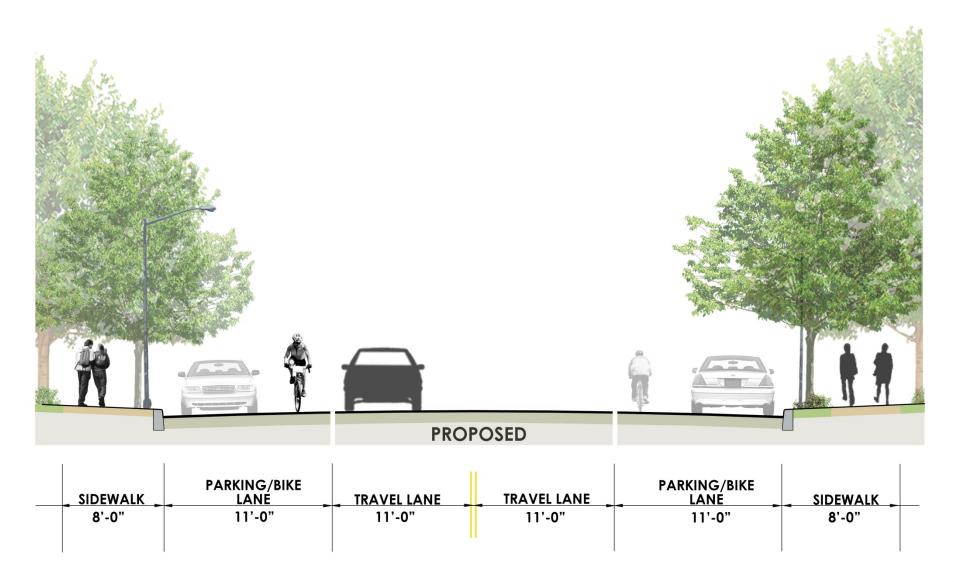
KAPPOCK STREET

at Palisade Avenue

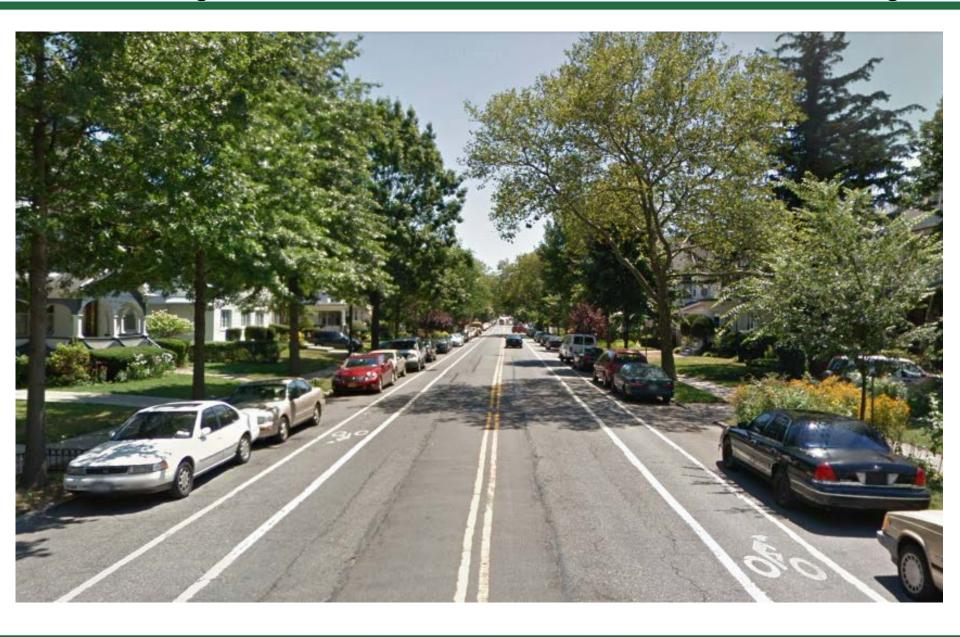


KAPPOCK STREET (alternative)

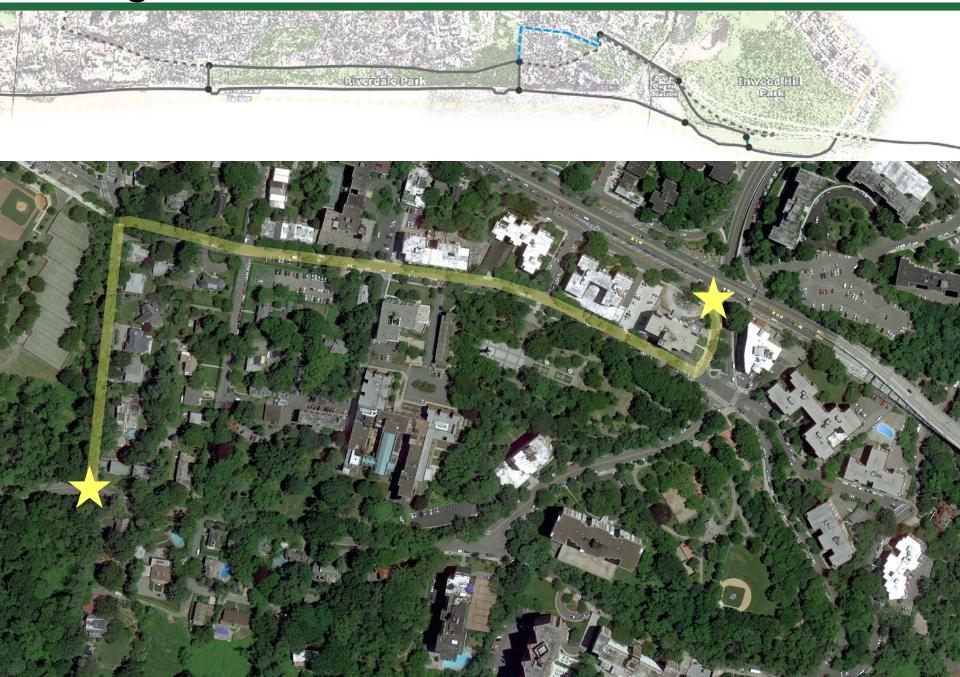
at Palisade Avenue



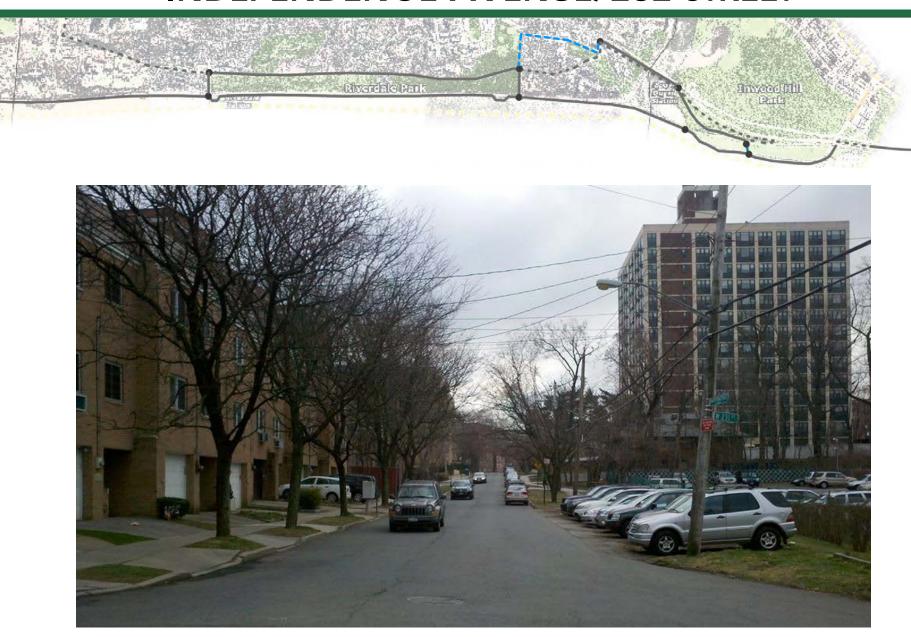
Case Study - Bedford Avenue Bike Lanes (Brooklyn)



Phasing Plan Link: INDEPENDENCE AVENUE/232 ST

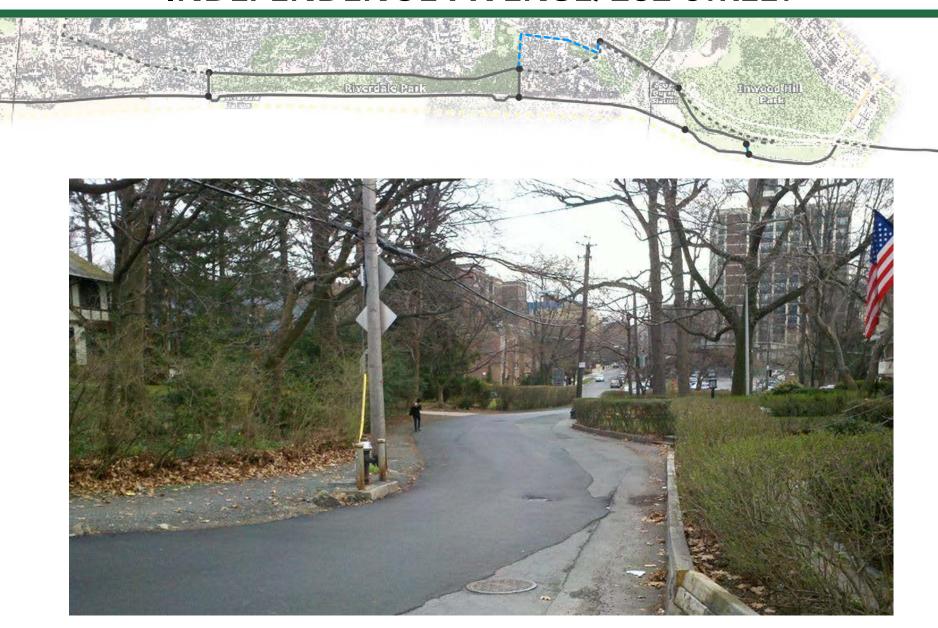


INDEPENDENCE AVENUE/232 STREET



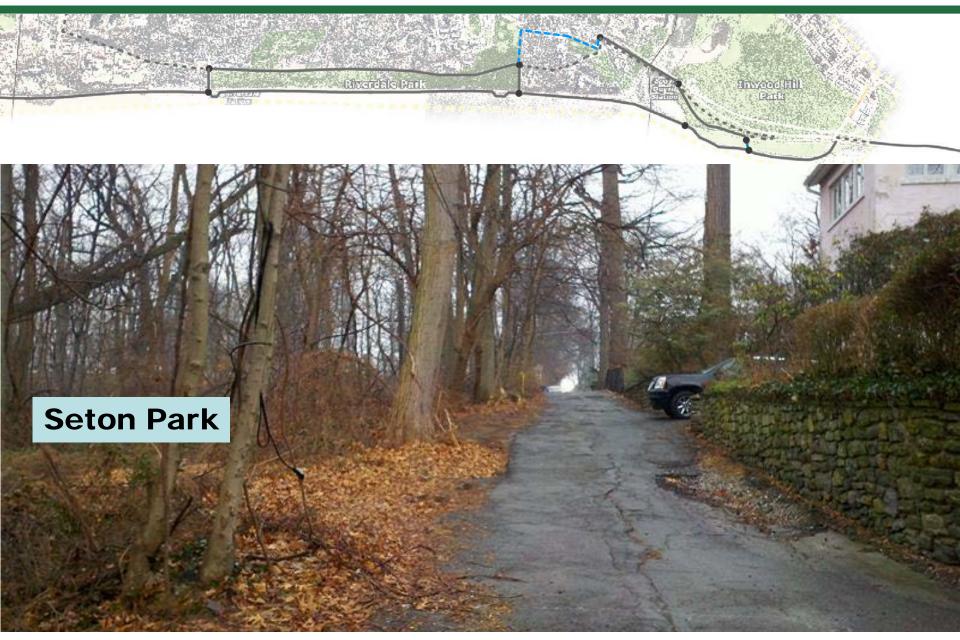
EXISTING CONDITIONS – Independence South of 231st St

INDEPENDENCE AVENUE/232 STREET



EXISTING CONDITIONS - Independence between 231st St and 232nd St

INDEPENDENCE AVENUE/232 STREET



EXISTING CONDITIONS - 232nd St, Palisade to Independence

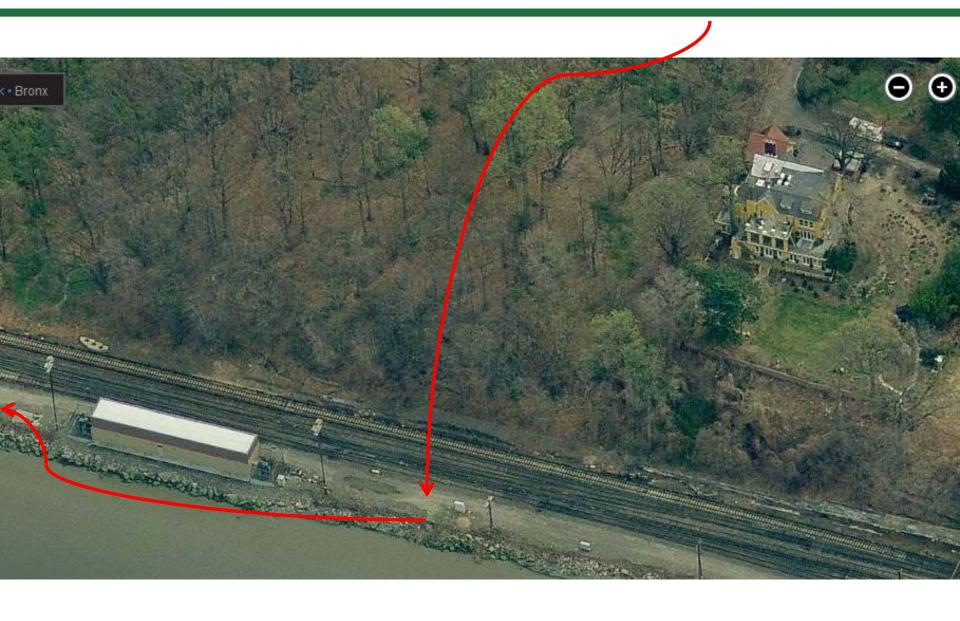
PHASING PLAN PROJECT # 6

RIVERDALE PARK WATERFRONT 232ND STREET TO 254TH STREET

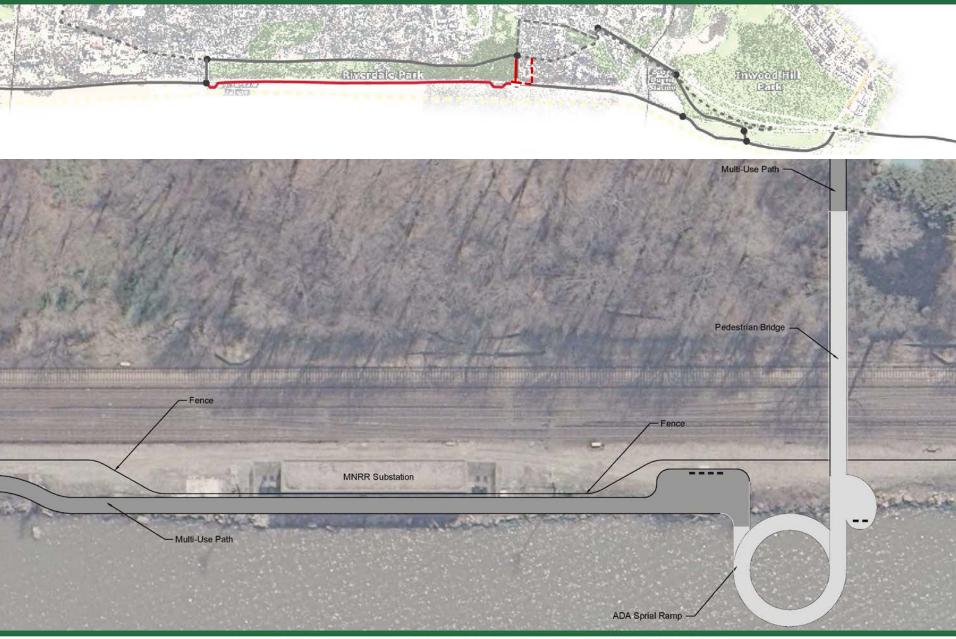
RIVERDALE PARK WATERFRONT – 232 to 254 STREET



RIVERDALE PARK WATERFRONT – 232 to 254 STREET



RIVERDALE PARK WATERFRONT – 232 to 254 STREET



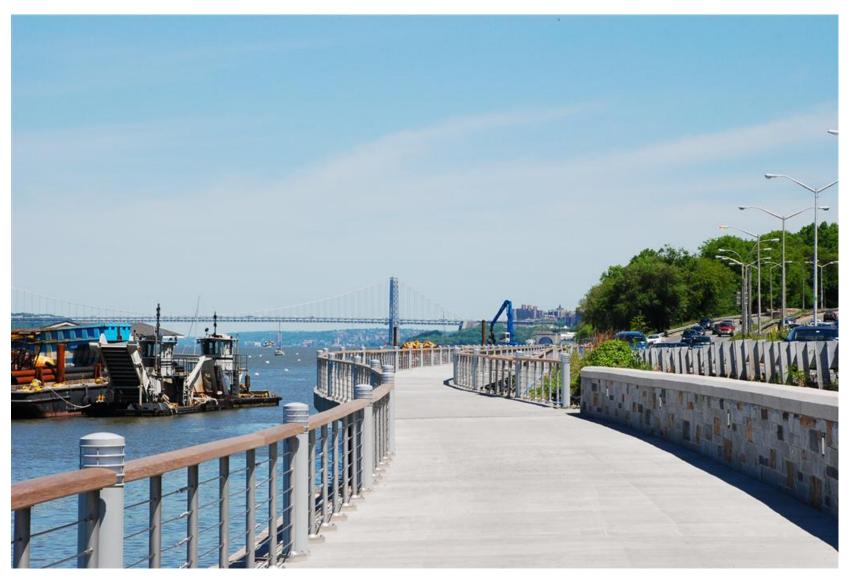
Case Study Example - Circular Ramp

East bank Esplanade - Portland, Oregon

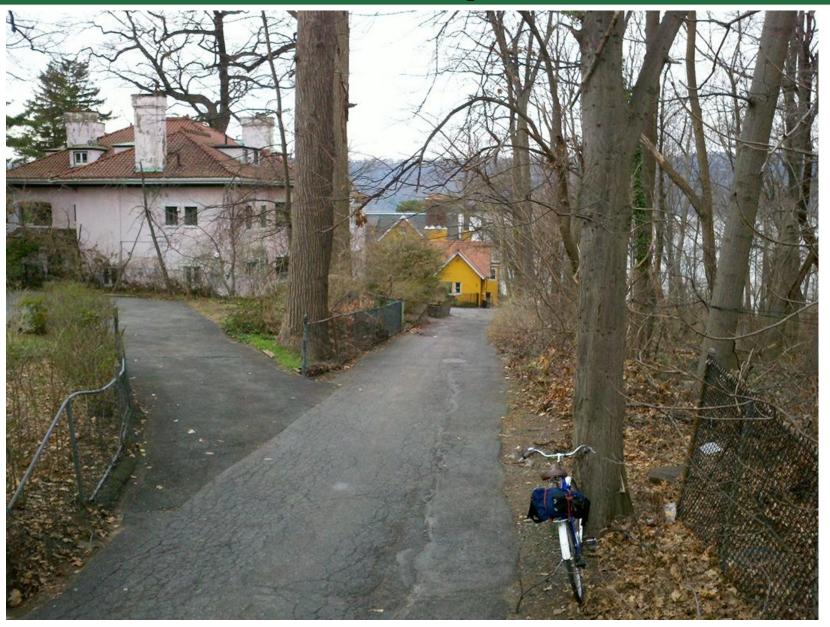


Case Study Example - Pile Supported Structure

Riverwalk - Riverside Park, Manhattan



Riverdale Park Vicinity of 232nd Street



Riverdale Park Vicinity of 232nd Street



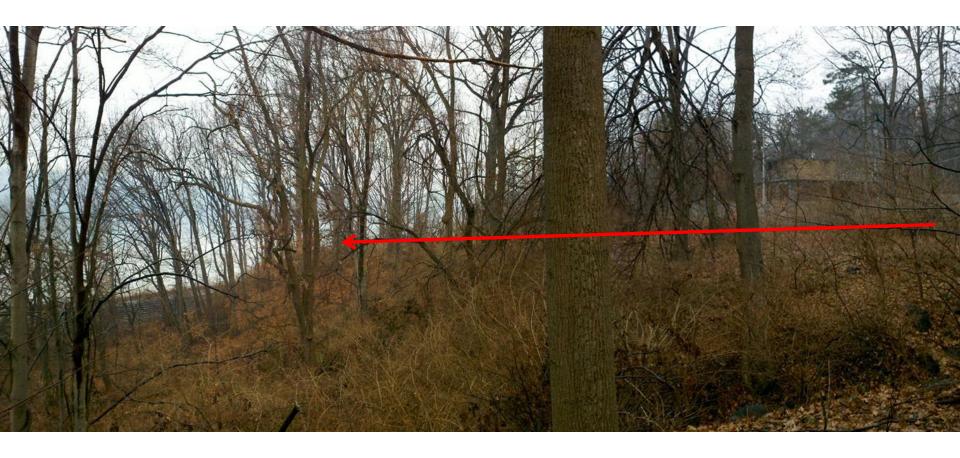
Riverdale Park Vicinity of 232nd Street



Riverdale Park Vicinity of DEP Building



Riverdale Park Vicinity of DEP Building



RIVERDALE PARK WATERFRONT – 232 to 254 STREET



EXISTING CONDITIONS

Case Study - Active Rail with Trail - Morris Cty, NJ

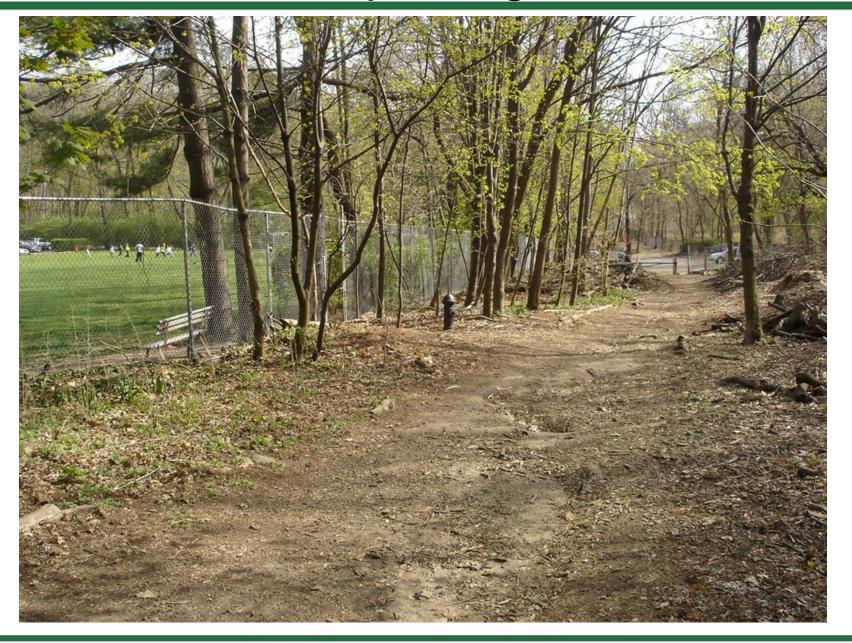


Palisade Ave - 232nd Street to Spaulding Lane











Case Study Example - The OCA in Yonkers



Case Study Example - Tallman Mtn S.P. - Rockland



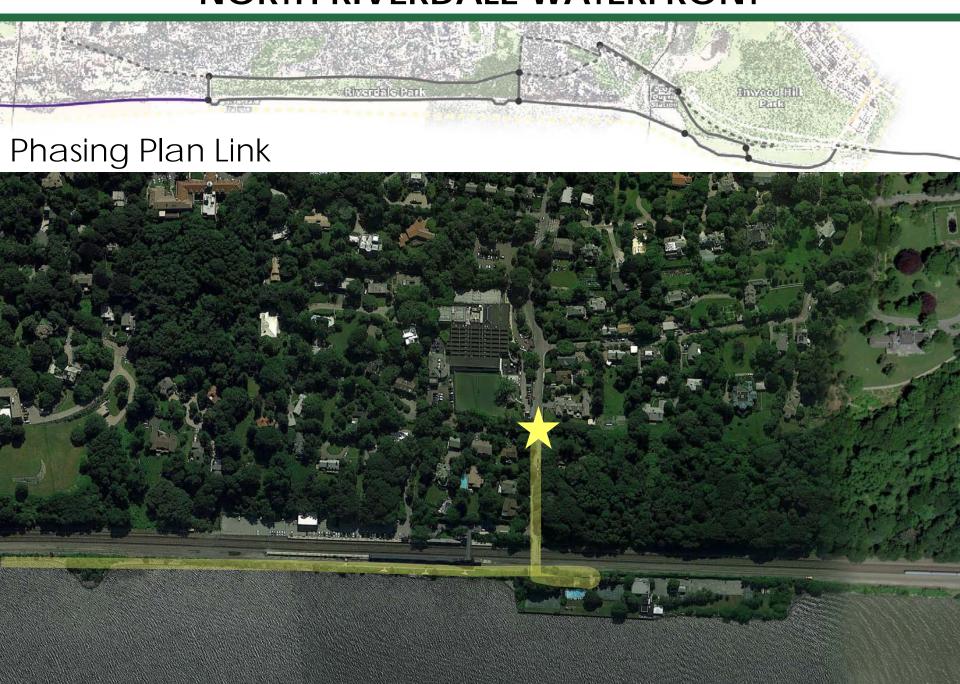


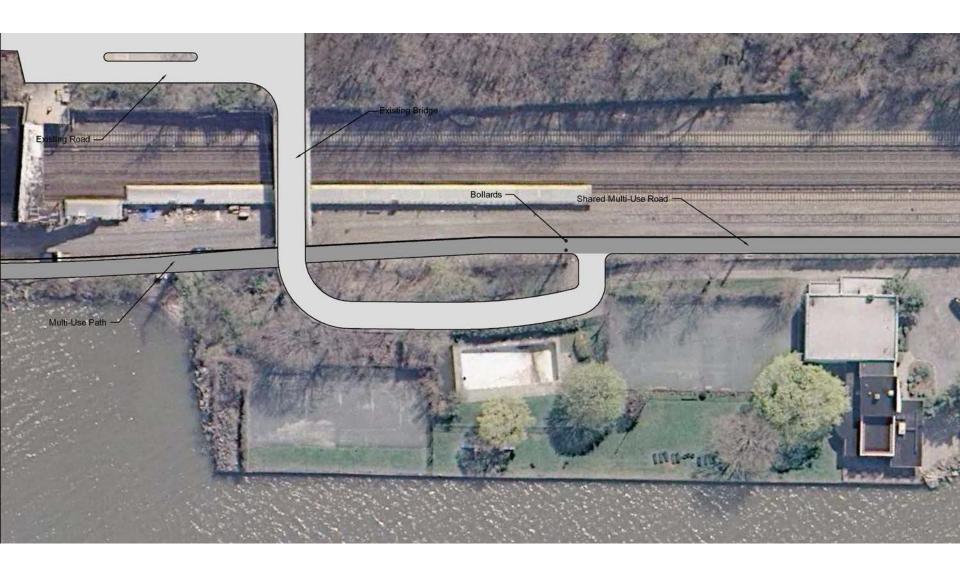




PHASING PLAN PROJECT # 10

NORTH RIVERDALE WATERFRONT 254TH STREET TO FERNBROOK STREET (YONKERS)







EXISTING CONDITIONS



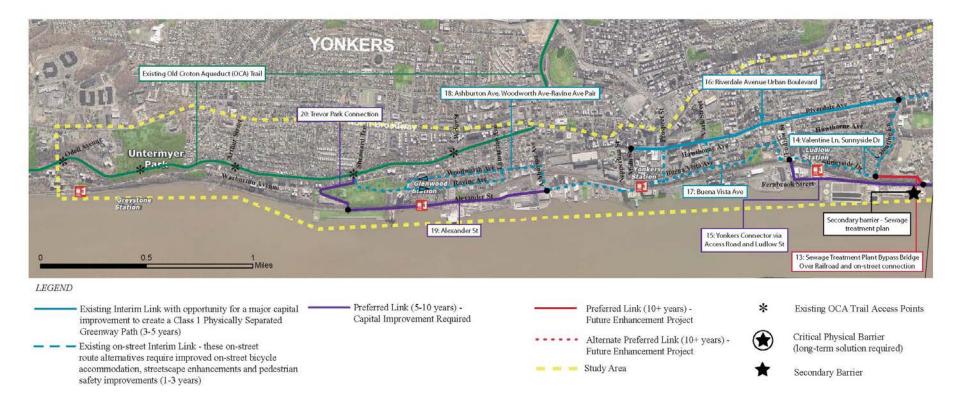
Case Study Example - Hudson River Trail

North Nyack to Haverstraw - Rockland County



RECOMMENDED PHASING PLAN

YONKERS



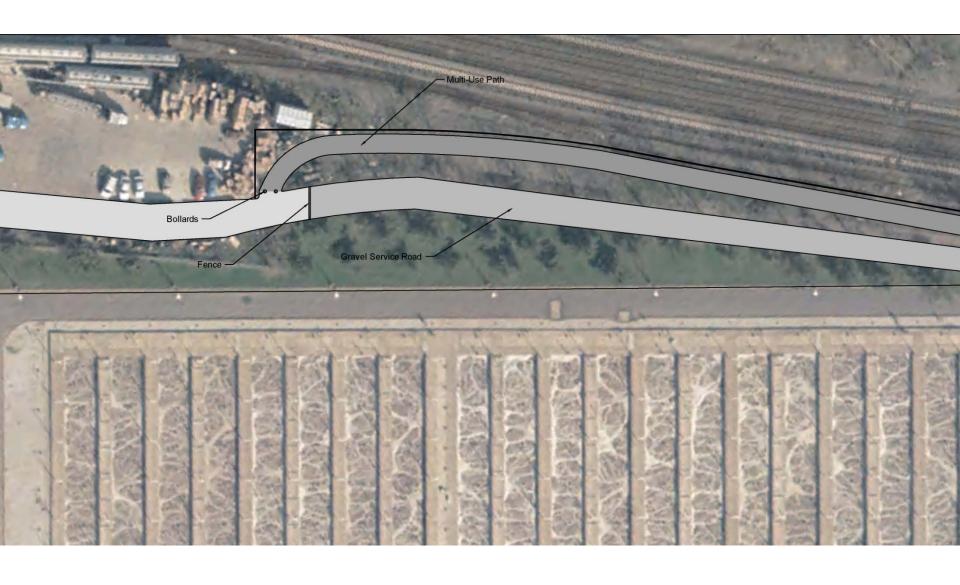
PHASING PLAN PROJECT # 15

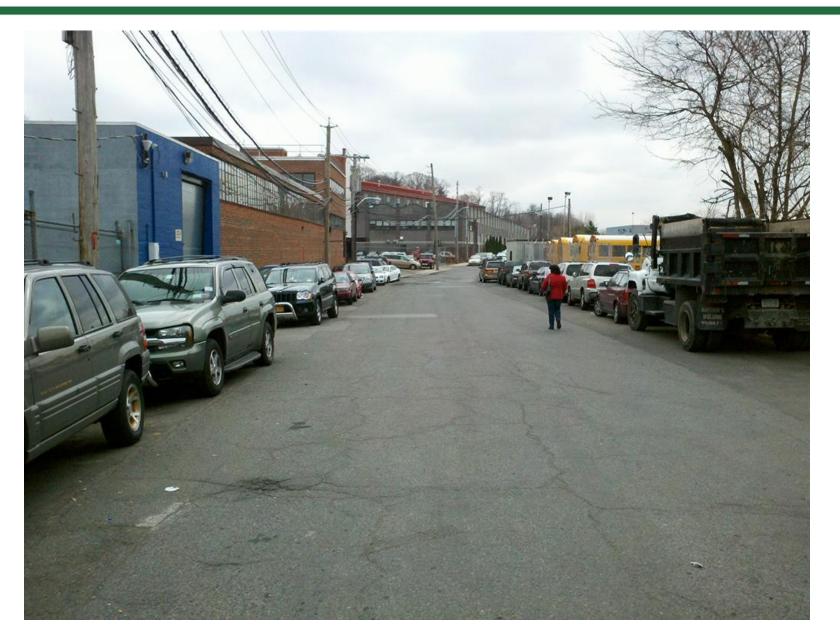












EXISTING CONDITIONS – Fernbrook St



EXISTING CONDITIONS - Ludlow St (to Buena Vista)

PHASING PLAN PROJECT # 17

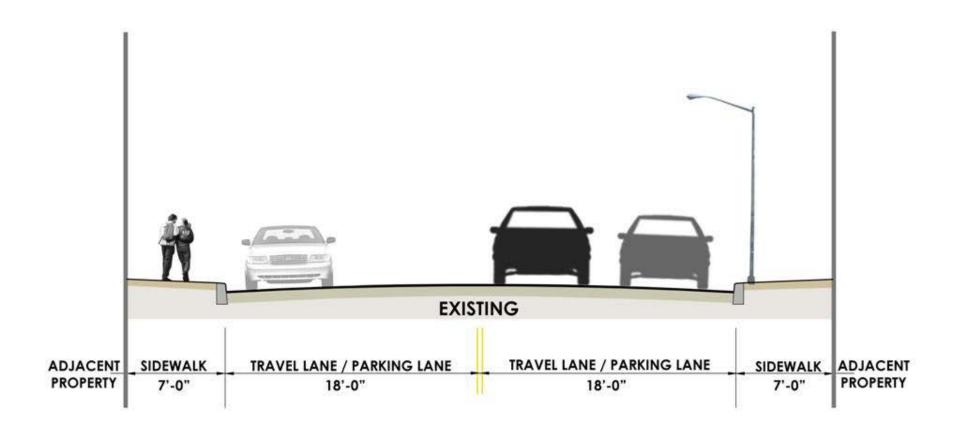
BUENA VISTA AVENUE



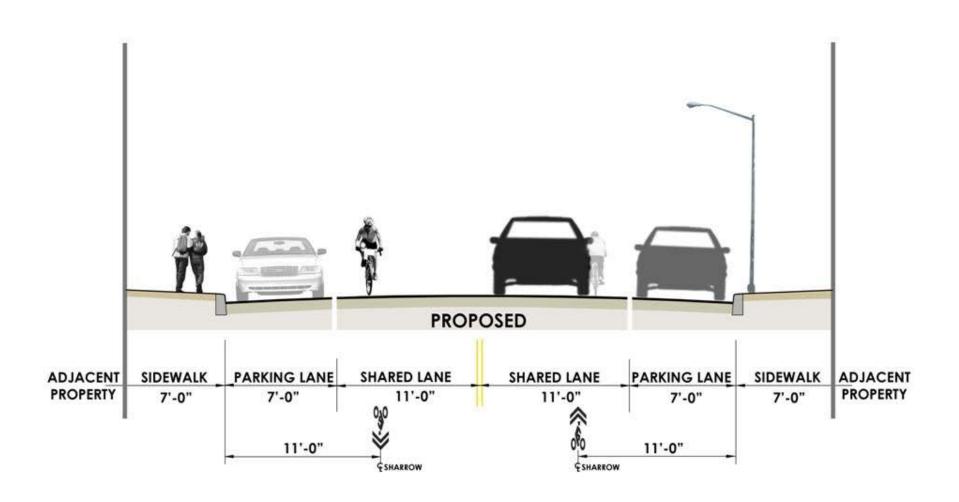


EXISTING CONDITIONS

between Prospect & Vark Streets



between Prospect & Vark Streets



Case Study - 5th Avenue 'Sharrows' (Brooklyn)



PHASING PLAN PROJECT # 19

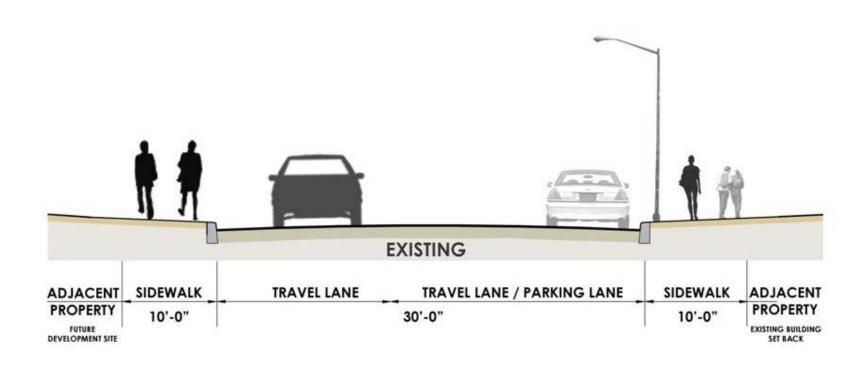




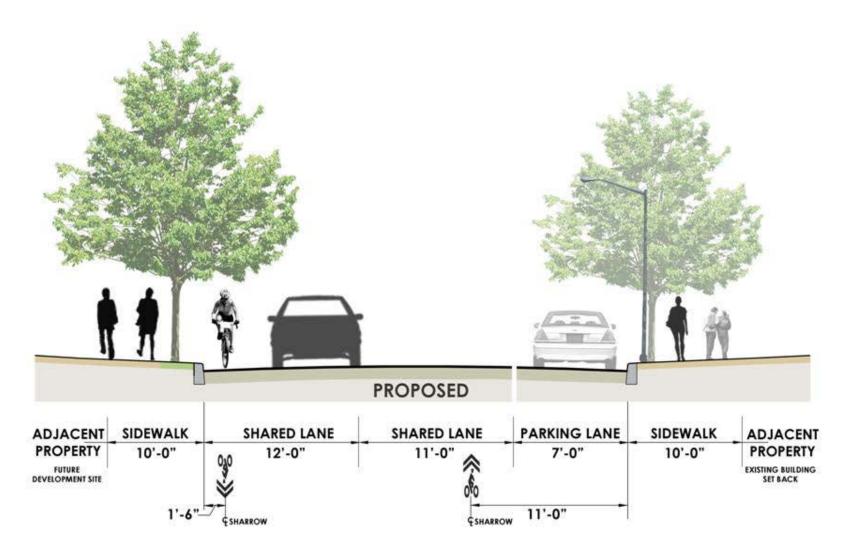


EXISTING CONDITIONS

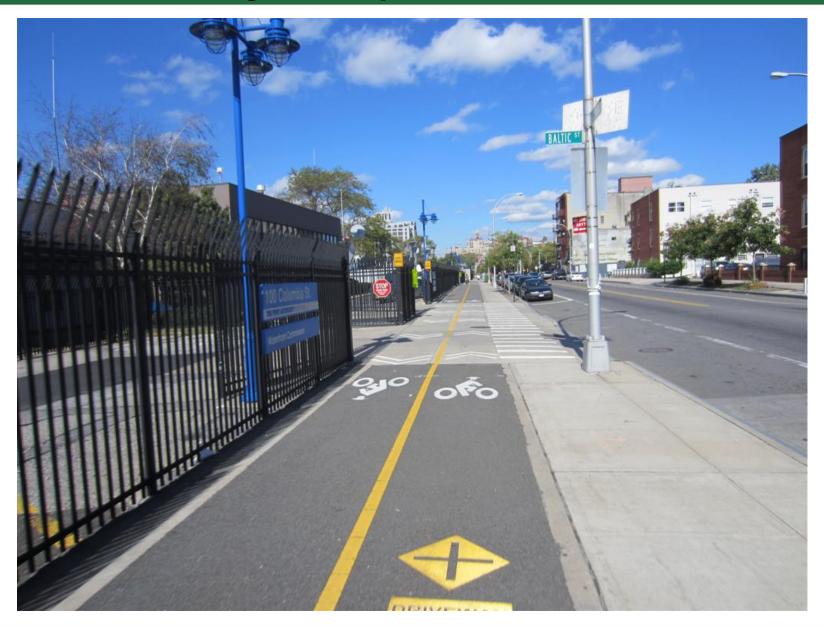
between Ashburton & Wells Streets



between Ashburton & Wells Streets



Case Study Example - Urban Side Path

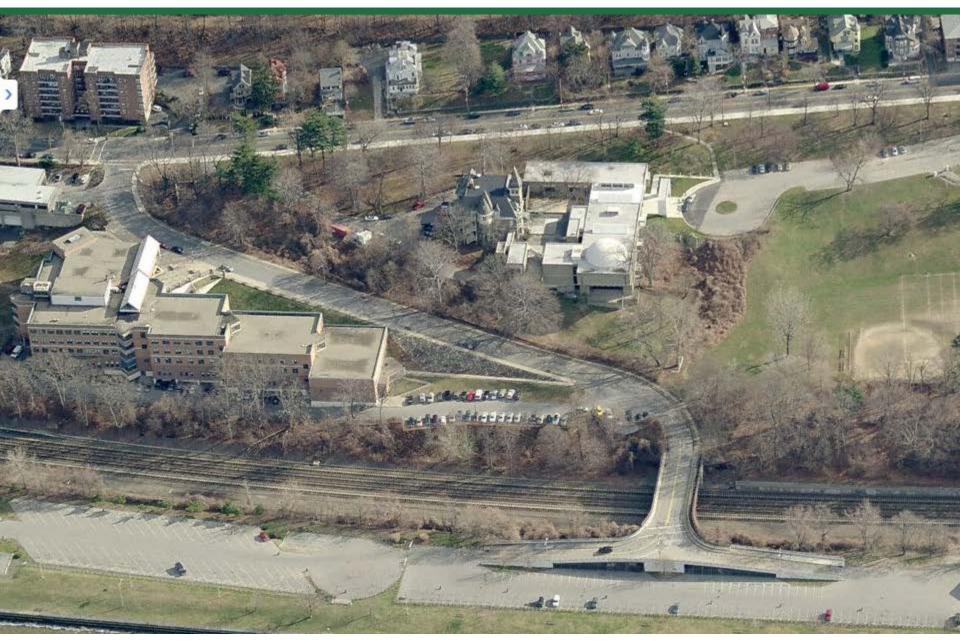


Case Study Example - Urban On-Street Side Path



PHASING PLAN PROJECT # 20





EXISTING CONDITIONS

