



RECONSTRUCTION OF EAST 177TH STREET / DEVOE AVENUE / SHERIDAN EXPRESSWAY RAMP

PROJECT ID: HWXP2007
BOROUGH OF THE BRONX

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BACKGROUND

Bronx River Alliance - Greenway Master Plan

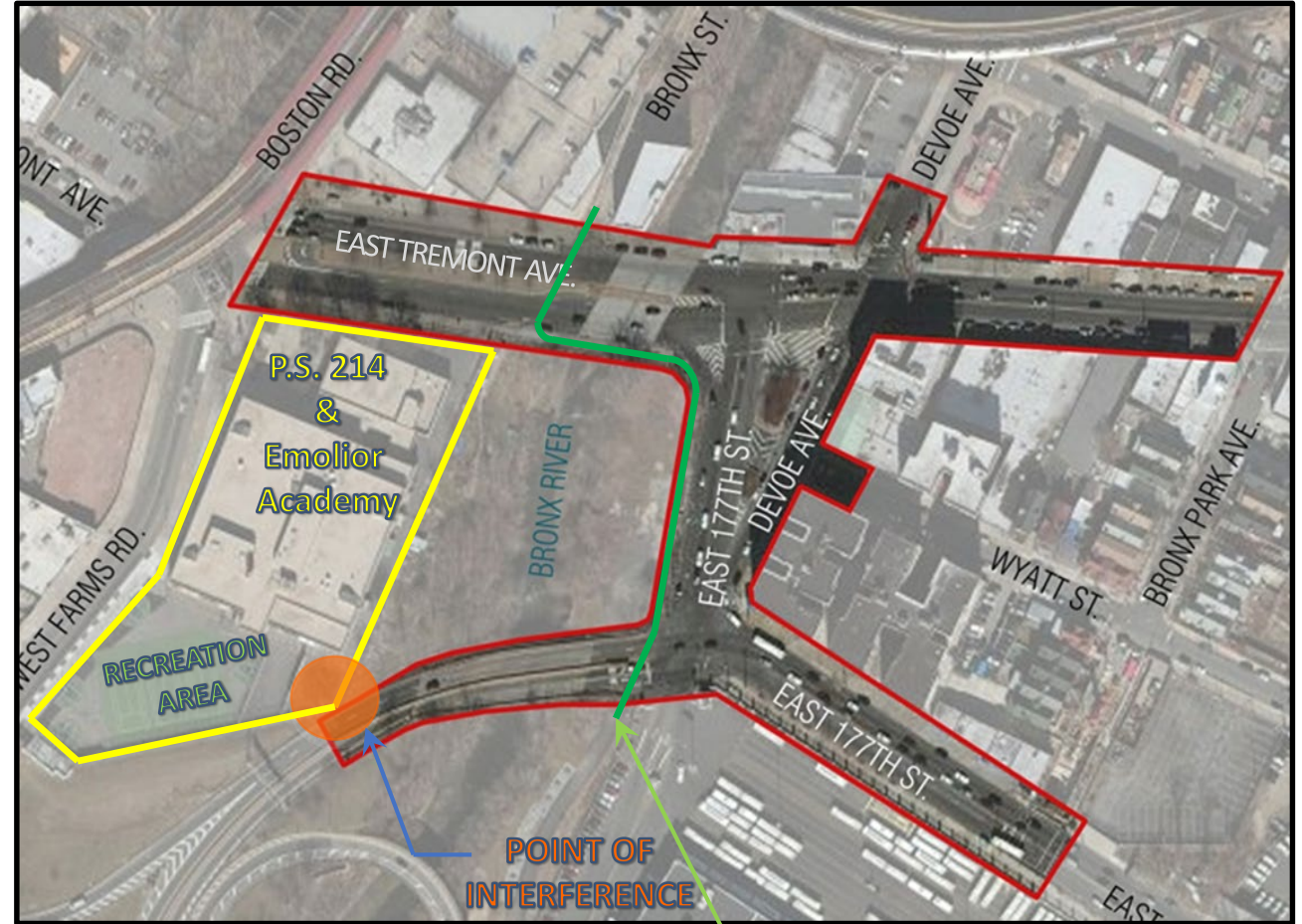
- 23 mile Trail (8 miles in the Bronx from mouth at East River to border of Westchester County)
- From mouth at East River to border of Westchester County and divided into 5 Segments
- Segment A – East River to Bruckner Boulevard
- Segment B – Bruckner Boulevard to East Tremont Avenue
- Segment C – East Tremont Avenue to Pelham Parkway
- Segment D – Pelham Parkway to East 211th Street
- Segment E – East 211th Street to the City Line



BACKGROUND

Greenway Connection

- This project connects Segment B and Segment C
- Segment B – Bruckner Boulevard to East Tremont Avenue *includes Starlight Park*
- Segment C – East Tremont Avenue to Pelham Park



— Proposed Bronx River Greenway Connection

ENTRANCE TO
STARLIGHT PARK

PROPOSED IMPROVEMENTS

- Improve Pedestrian / Vehicle Movements
- Shorter pedestrian crossings with refuge medians
- Bronx River Greenway Connection complete between Starlight Park and Bronx River Park
- Upgrade infrastructure (street lighting, signals, water main, sewers and signage)



CHALLENGES

Widening of Sheridan Expressway Bridge in the vicinity of Tidal Wetlands

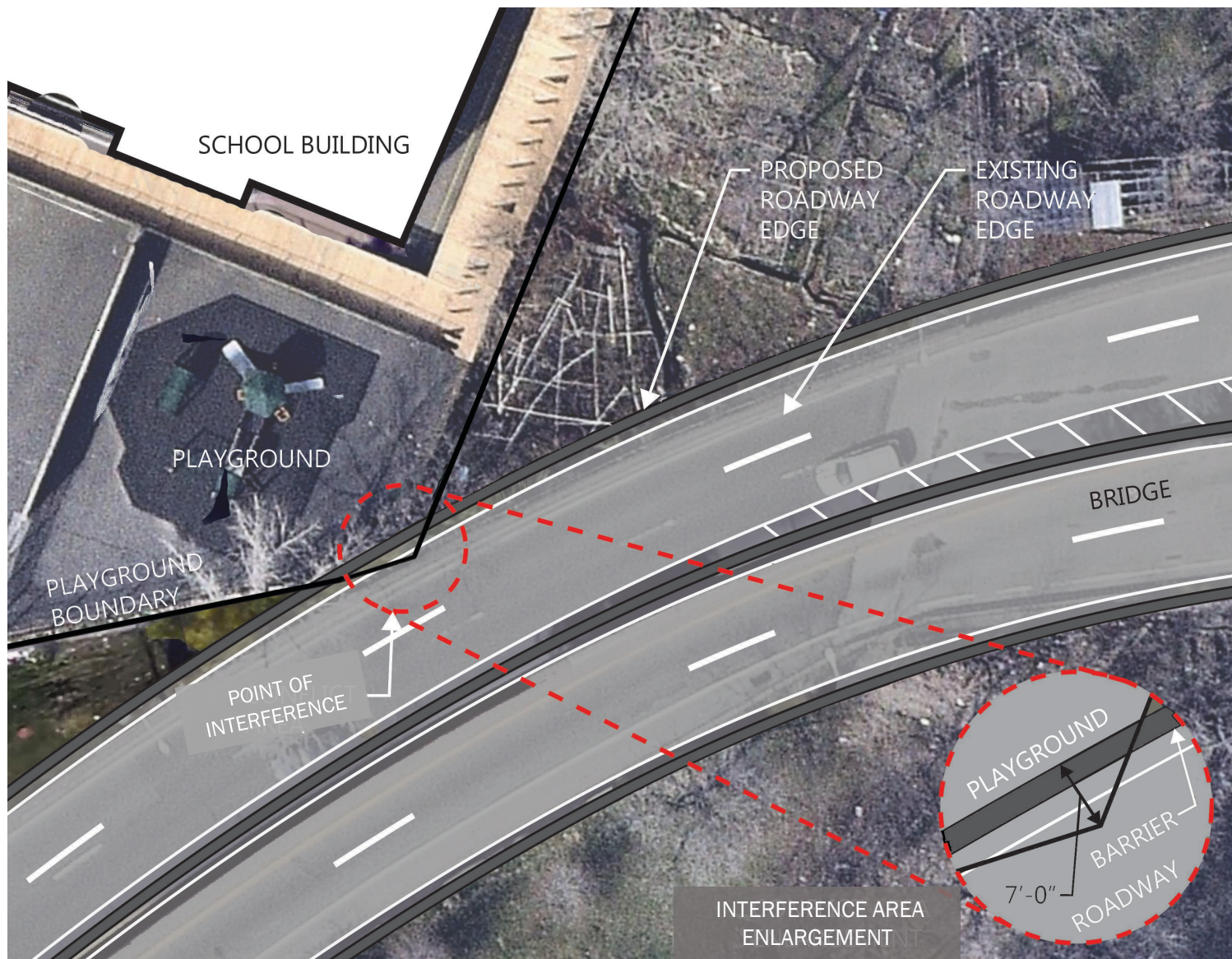
- Coordination with SDOT & DEC
- Determination of Environmental Effects
- Design Considerations to reduce impact to Wetlands



CHALLENGES

Point of Interference at Sheridan Expressway Ramp

- 7' Encroachment with a 35 MPH Vehicle Design Speed



CHALLENGES

Design coordination challenges with stakeholders :

- NYS DOT – owns the Sheridan Expressway (including bridge) portion of the project
- NYS DEC – work within Tidal Wetland (Bronx River) is heavily regulated
- NYC DOE – work near/on school property (Emolior Academy)
- NYC DEP – Significant upgrades to Water Main & Sewer Main. Multiple design changes
- NYCT – Modified Design (Low Vibration) within 700' of Transit Facilities
- NYCDOT - Signals (Traffic Study and Design of Timing)
- NYCDOT - Street Lighting (Existing Low Light Conditions)
- NYCDOT - OCMC (High Volume Intersections for both vehicles & pedestrians)
- Private Utilities (Con Edison, ECS, AT&T, Cablevision) – Required redesigns each DEP scope change
- Community based organizations and officials

COVID-19 – Project Delayed from March 2020 to July 2021. Project restart requires backtracking, additional review by agencies with turnover in staff, and revisions to design due to updated standards.



CHALLENGES

Elevated Subway at East Tremont Avenue & Boston Road

- Roadway not to be raised at all in order to maintain existing clearance
- Curb design restricted by existing columns
- Potential for additional lighting mounted on structure
- Visibility Issues for Vehicles seeing Pedestrians

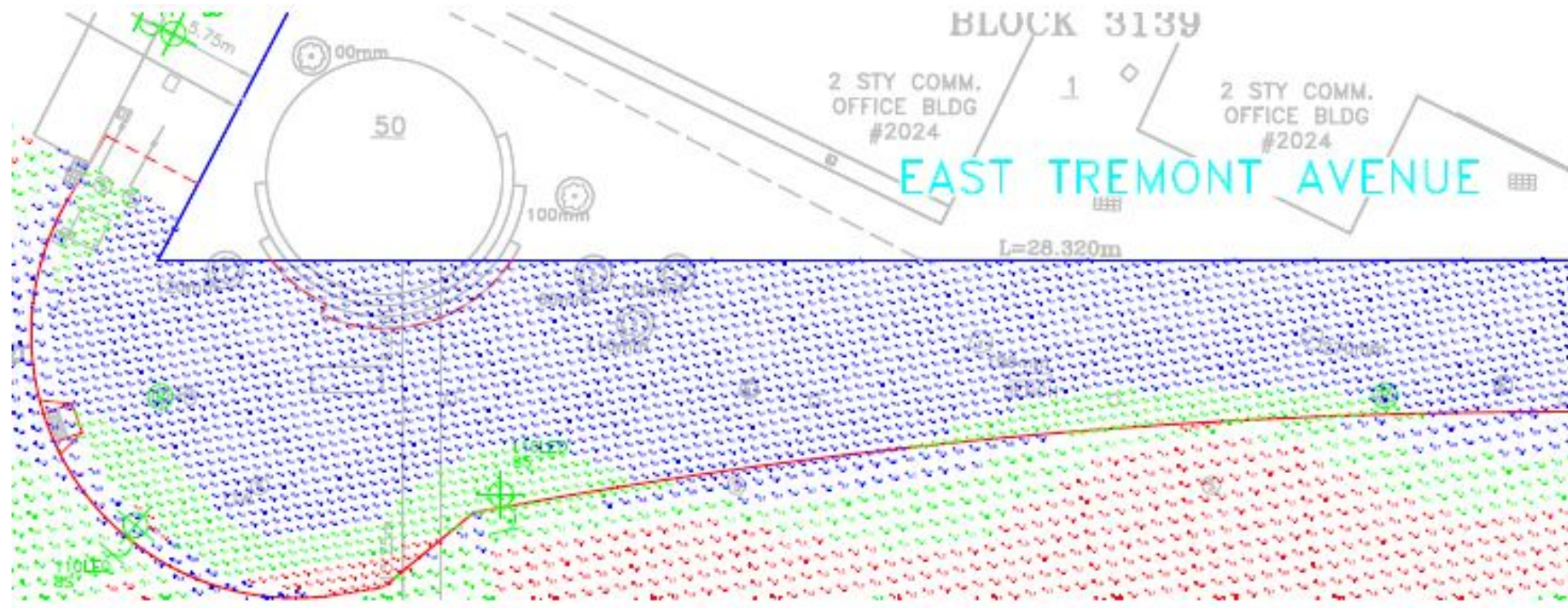


CHALLENGES

Street Lighting

Street Design Manual Requirements for Sidewalk Lighting

- Average Illuminance 0.46-0.93 footcandles
- Blue in below design shows points below 0.45 footcandles
- Solution: Incorporate Flushing Meadows Park Pedestrian Lights



Flushing Meadows fixture and pole:
46th Street, Queens



CHANGES ALREADY MADE

CDOT Temporary Measures

- Restriping to allow for better pedestrian pathways
- Signal Timing to improve flow of traffic
- Bus Shelters and relocated Bus Stops for better access from Subway to Buses
- Lighting upgraded to LED



COMMUNITY LIAISON INVOLVEMENT

Keeping You Informed.

The CCL addresses concerns, responds to inquiries, attends meetings as needed, as well as distributes project related materials to keep the community informed and notified.

PROJECT INFORMATION CARD (PIC)

Construction of Green Infrastructure

Project Location: [Address]

Project Description: [Brief description of the project]

Project Goals: [List of goals]

Contact Information: [Phone, Email, Website]

ADVISORIES

COMMUNITY ADVISORY

NO CURBSIDE PARKING
On Southern Boulevard (west side) between Jennings Street and Louis Nine Boulevard
Monday, 07/18/18 – Friday, 08/31/18
7-days a week 24-hours a day (including weekends)

Project Location: [Address]

Project Description: [Brief description of the project]

Contact Information: [Phone, Email, Website]

WEEKLY LOOK AHEAD BULLETIN

WEEKLY CONSTRUCTION BULLETIN
08/06/18 - 08/10/18

DATE	TIME RANGE	LOCATION	ACTIVITY
08/06/18 - 08/07/18	7:00 am - 4:00 pm	East Side of Battery Between Grand Street and Monroe Street	Construction for the purpose of water main replacement.
08/07/18	7:00 am - 4:00 pm	South Side of West 14th Street Between 127th and Washington Street	NOT WORK
08/06/18	8:00 am - 4:00 pm	East Side of Battery Between Grand Street and Delaware Street	Water shut down for the purpose of water main replacement.
08/06/18 - 08/08/18	7:00 am - 4:00 pm	South Side of West 14th Street Between 127th and Washington Street	Shooting operation for the purpose of water main replacement.
08/09/18 - 08/10/18	7:00 am - 4:00 pm	East Side of Battery Between Grand Street and Monroe Street	Shooting operation for the purpose of water main replacement.
08/06/18 - 08/10/18	7:00 am - 4:00 pm	South Side of West 14th Street Between 127th and Washington Street	Utility maintenance.

Contact Information: [Phone, Email, Website]

QUARTERLY NEWSLETTERS

Installation of High Level Storm Sewer, Sanitary Sewer, Water Main

Project Location: [Address]

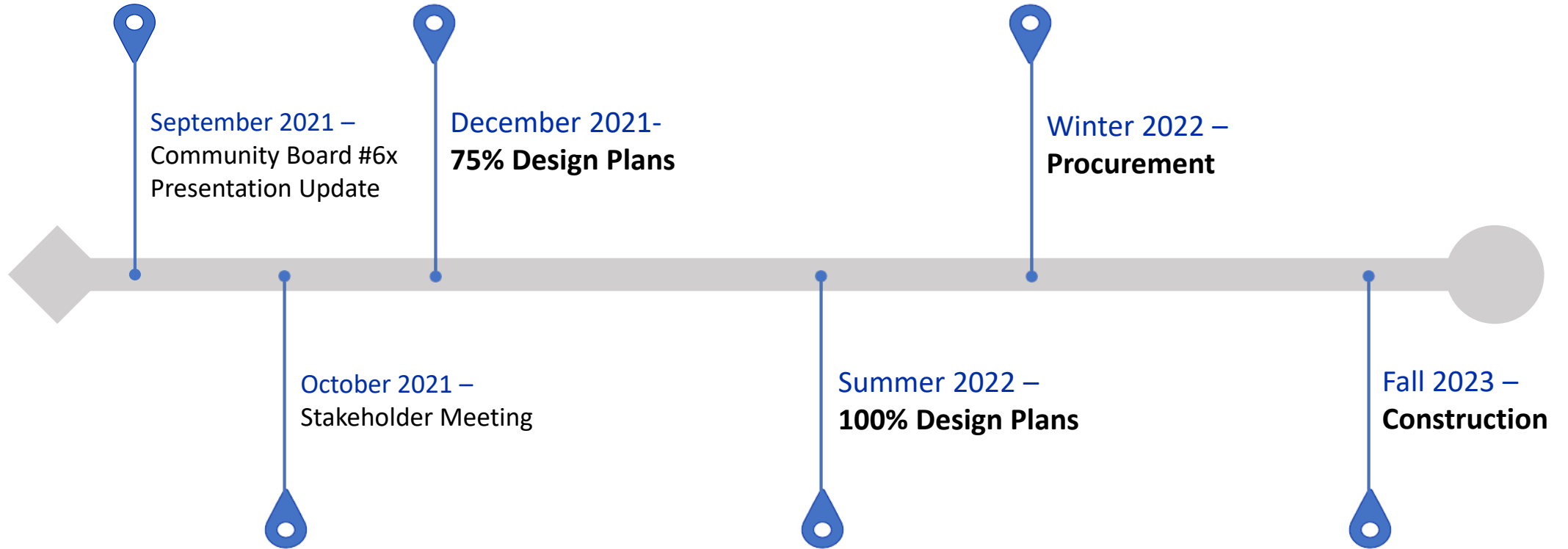
Project Description: [Brief description of the project]

Table of Contents: [List of sections]

Map: [Map showing project location]

Contact Information: [Phone, Email, Website]

SCHEDULE





THANK YOU

Bill de Blasio
Mayor

Jamie Torres-Springer
Commissioner