

Improvements to

Mary Ellen Welch Greenway

Community Meeting #2



June 6, 2024
Boston Parks and Recreation



Zoom Interpretation Services



English: For interpretation in [_____],

1. Go to the horizontal control bar at the bottom of your screen. Click on “Interpretation.”
2. Then click on the language that you would like to hear.
3. You are now accessing this meeting in [_____]

Spanish: Para traducción en Español,

1. Vaya a la parte baja de la pantalla, en la barra horizontal, y presione la tecla “Interpretation”.
2. Luego seleccione el idioma que desea escuchar.
3. Después de seleccionar, usted entrará a la reunión en el idioma “Español”.

Arabic: للترجمة باللغة العربية

- ١- من خلال شريط التحكم الأفقي الموجود أسفل الشاشة انقر على خيار " Interpretation"
- ٢- ثم اختار اللغة التي تود الاستماع اليها .
- ٣- الآن يمكنك متابعة هذا الاجتماع باللغة العربية .

Brazilian Portuguese: Para interpretação int Português.

1. Vá para a barra de controle horizontal na parte inferior da tela. Clique em “Interpretation”.
2. Em seguida, clique no idioma que deseja ouvir.
3. Agora você está acessando esta reunião em Português



MEETING RECORDING



The Boston Parks and Recreation Department will be recording the meeting and posting to our project webpage for those who are unable to attend the Zoom meeting live.

It is possible that participants may also be recording the meeting with their phones cameras or other devices. If you do not wish to be recorded during this meeting, please keep your microphone and camera off.

VIRTUAL MEETING ETIQUETTE

We want to ensure this conversation feels accessible to everyone and each one of you feels comfortable sharing your questions and comments.

Please be respectful and mindful of other's time when asking questions/ providing comments, so that all attendees are able to participate in the meeting.

Keep questions/ comments project-specific and not personal to yield a solution driven discussion.

You can always set up a conversation with Amy Linné, amy.linne@boston.gov to further discuss the project or process.

ZOOM TIPS

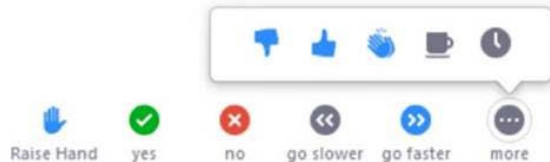
Here is how you can participate during the question and answer part of the presentation.

DURING THE PRESENTATION:



VIA WEB:

Turn video on / off.



To use these non-verbal options click on participants (bottom of screen); these options will pop up in side bar.

DURING THE Q&A:



JOINING VIA PHONE?

Use *9 to raise hand to ask for audio / video permission to ask questions or provide comments.



VIA WEB:

Chat to ask questions / comments or provide responses to poll questions



Raise hand to ask for audio / video permission to ask questions or provide comments.

AGENDA

1

PROJECT TEAM INTRODUCTION

2

PROJECT OVERVIEW

3

SUMMARY OF WHAT WE'VE HEARD SO FAR

4

EXISTING CONDITIONS RECAP

5

GREENWAY DESIGN CONCEPTS

6

Listening & Discussion Session and Next Steps

PROJECT TEAM

Amy Linné

MEW Greenway Project Manager
Boston Parks & Recreation Department
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Manuela Villa Gomez

East Boston Liaison
Office of Neighborhood Services
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Weston & Sampson Design Team:

Cheri Ruane, FASLA, RLA

Practice Leader, Landscape Architecture

Farah Dakkak, RLA

Project Landscape Architect



CITY POLICY PRIORITIES

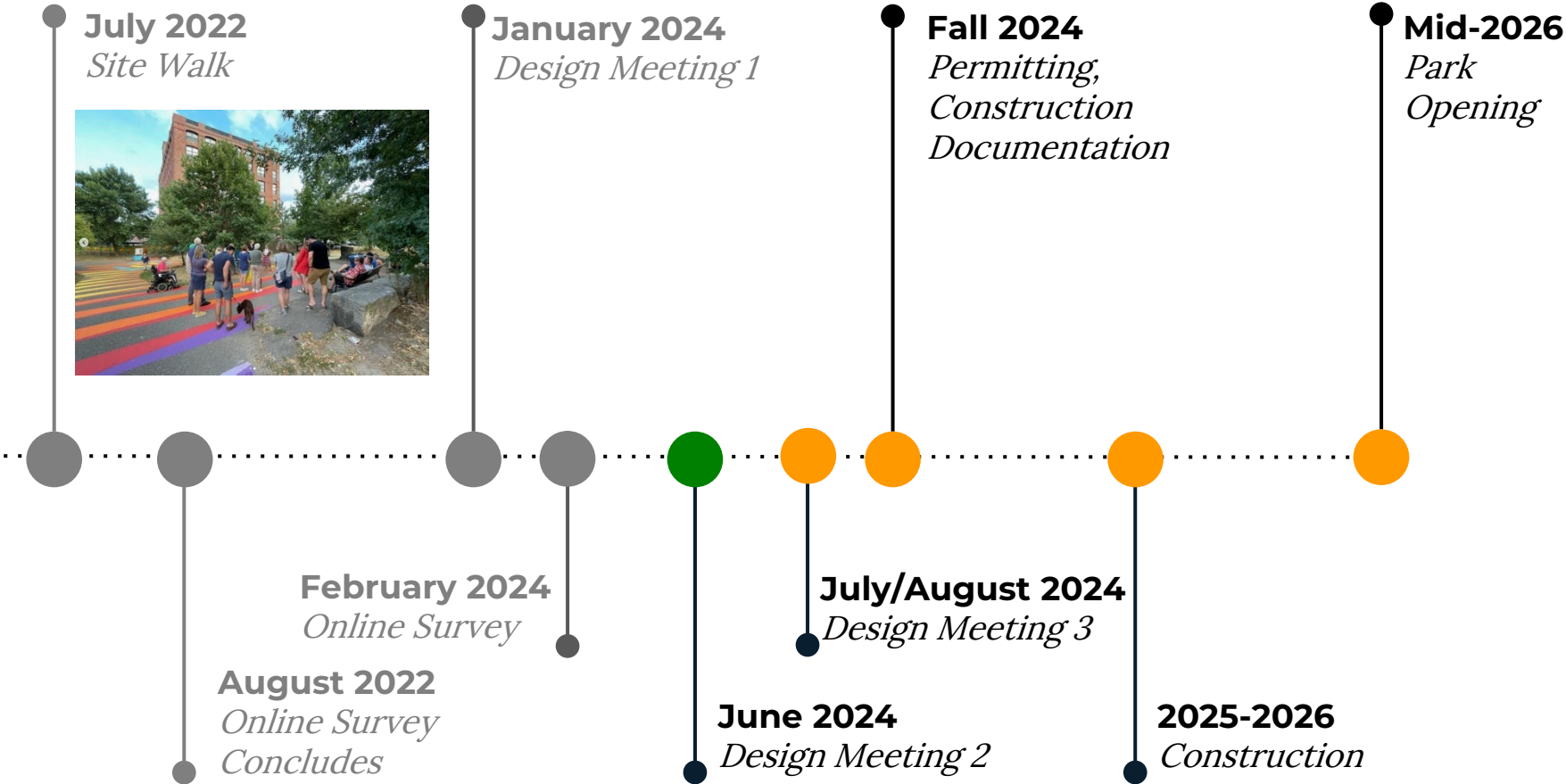
- Family Friendly
- Green & Growing
- Healthy & Safe
- Delivering Exceptional City Services
- Closing the Racial Wealth Gap



PROJECT APPROACH



PROJECT SCHEDULE



MEETING GOALS AND OBJECTIVES

- Discuss the design for the path, entry spaces, and greenway amenities
- Discuss challenges and proposed strategies to make the Greenway usable during and after storm events.
- Gather input on the design and how the community would like to use the greenway in the future

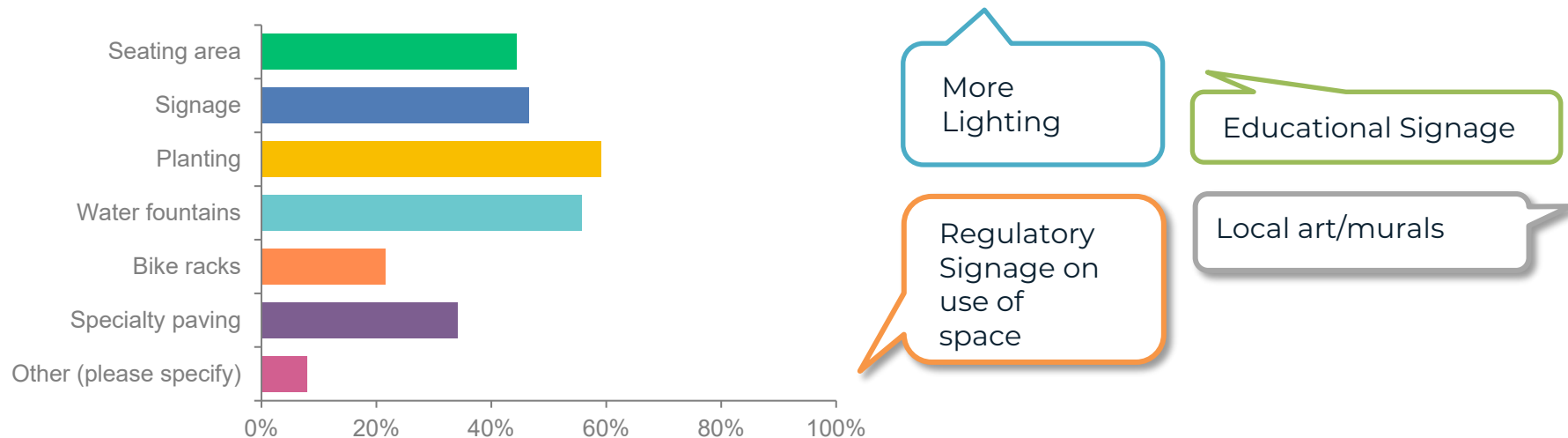


WHAT WE HEARD Online Survey Responses

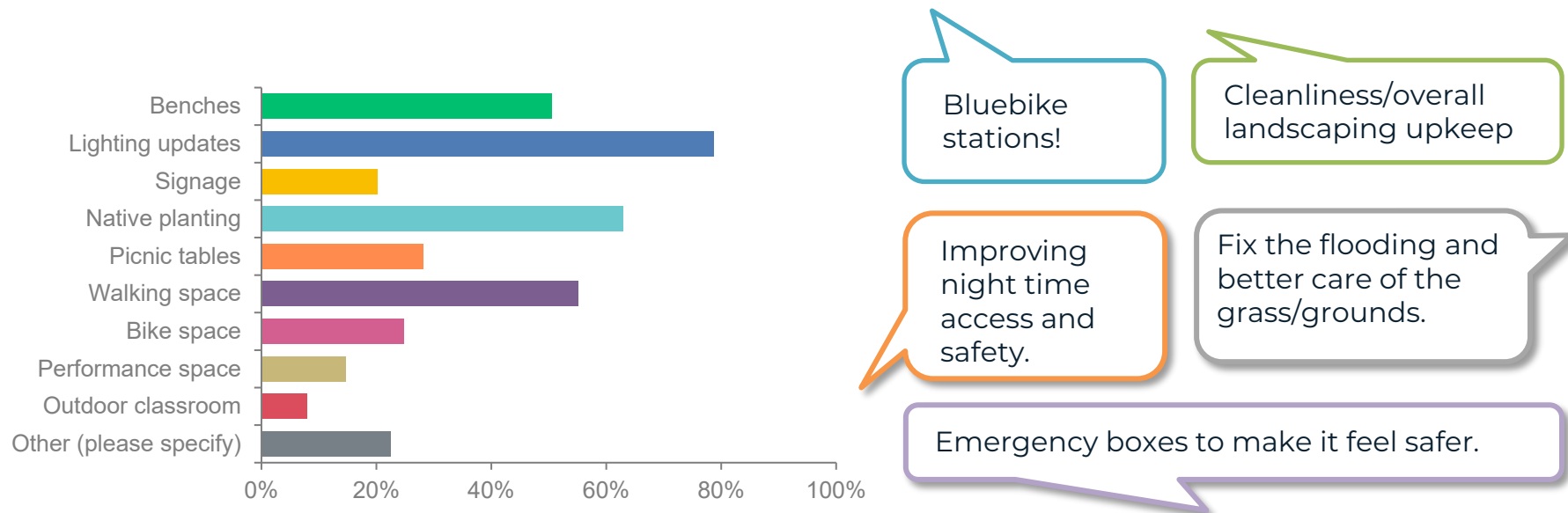
February – March 2024

89 Responses

What qualities/amenities would you like to see at the entry spaces?



What amenities would you most like to see at the Greenway?

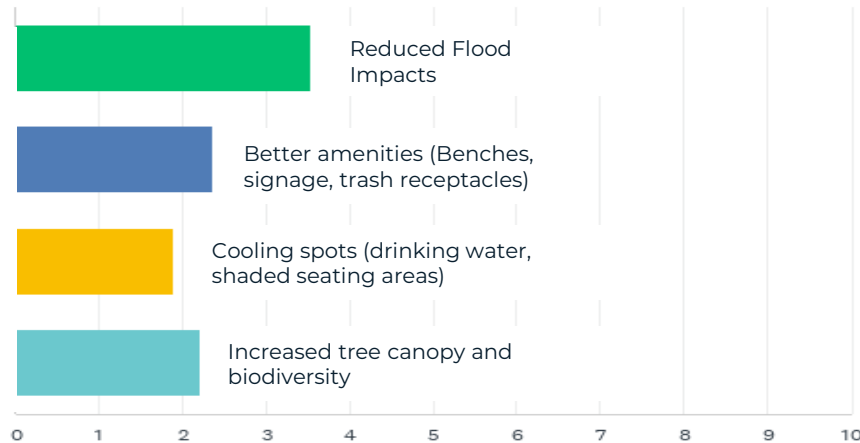


WHAT WE HEARD Online Survey Responses

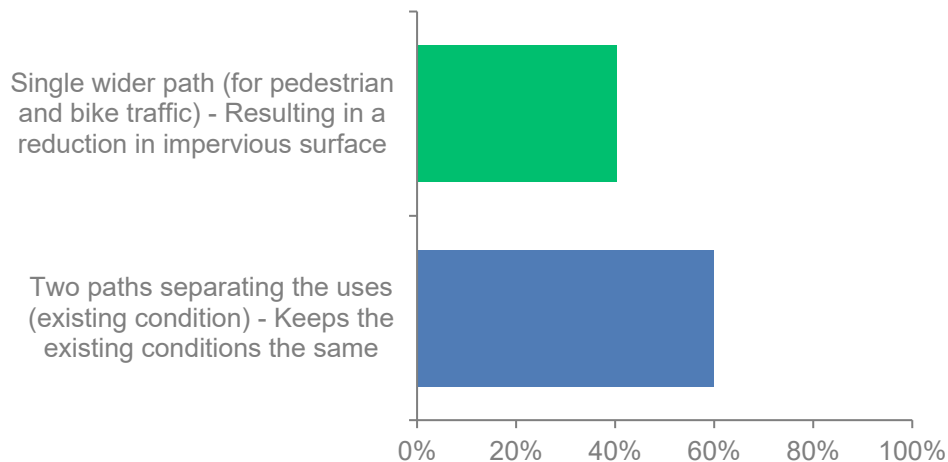
February – March 2024

89 Responses

In your opinion, what improvements are most critical for a Greenway? (rank this 1 being most and 4 being least)



Which would you prefer a single wider path (for pedestrian and bike traffic) or two paths separating the uses (existing condition)?



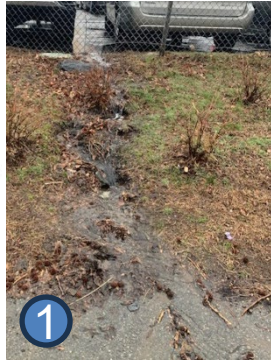
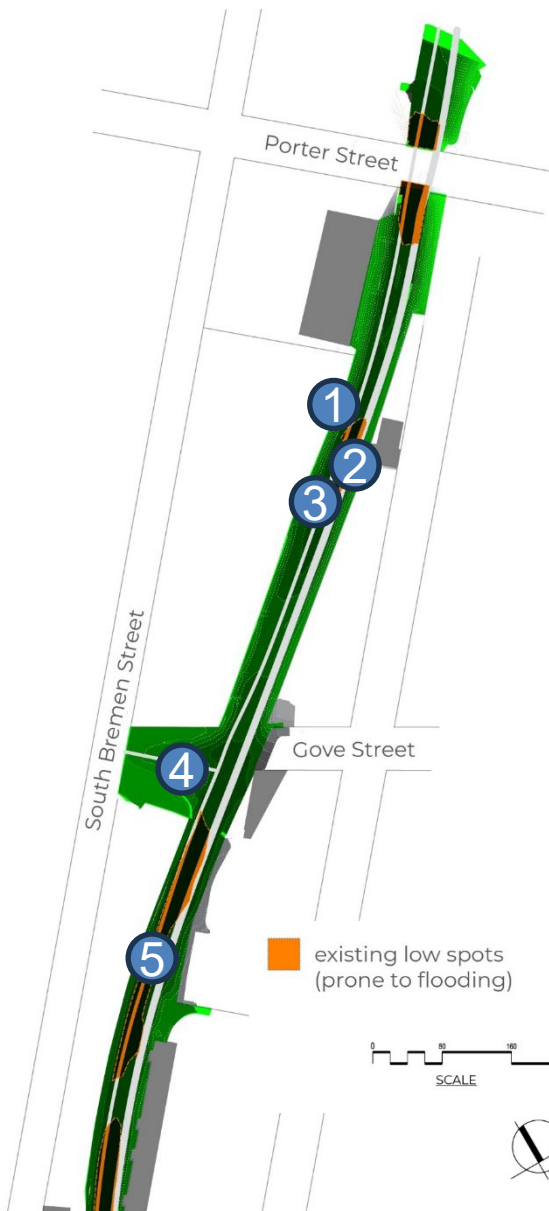
EXISTING CONDITIONS



SITE OBSERVATIONS



SITE OBSERVATIONS



FLOODING

CAUSES OF STORMWATER FLOODING ON THE GREENWAY

- High water table and low infiltration rates
- Drainage pipes emptying into the Harbor (fill up at high tide)
- Low elevation of the Greenway
- Impervious surfaces and run off at adjacent properties
- Limited capacity of existing BPRD Pump

SOLUTIONS TO ADDRESSING STORMWATER FLOODING

- Green and grey infrastructure
- Tide gates (BWSC)
- Pump Station (BWSC)
- Decreased impervious surfaces
- Elevated portions of the pathway / bridging over wet areas
- Coordinating with abutters on containing runoff on site

SITE HISTORY



PLAN OF EAST BOSTON

<https://collections.leventhalmap.org/search/commonwealth:1544f5823>

FLOOD MAP

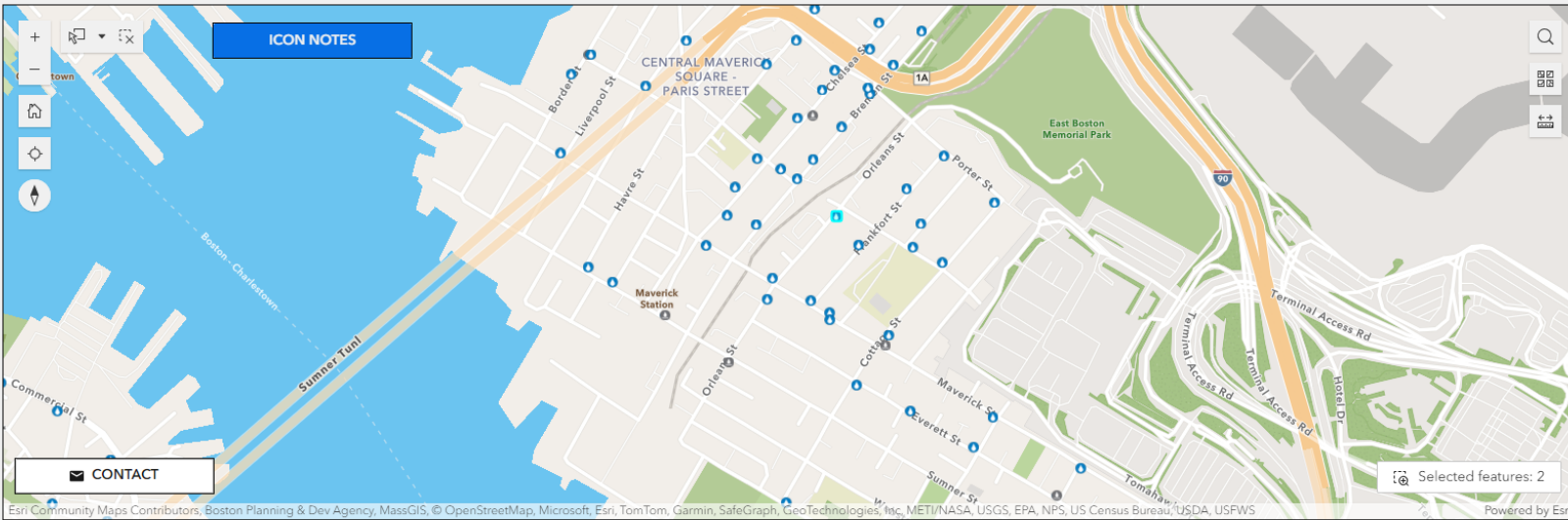


USGS The National Map: Orthoimagery. Data refreshed December, 2021.

<p>PIN</p> <ul style="list-style-type: none"> Approximate location based on user input and does not represent an authoritative property location 	<p>SPECIAL FLOOD HAZARD AREAS</p> <ul style="list-style-type: none"> Without Base Flood Elevation (BFE) Zone A, V, AE, AR With BFE or Depth Regulatory Floodway Zone AE, AO, AH, VE, AR 	<p>OTHER AREAS OF FLOOD HAZARD</p> <ul style="list-style-type: none"> 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes, Zone X Area with Flood Risk due to Levee Zone D 	<p>OTHER FEATURES</p> <ul style="list-style-type: none"> Cross Sections with 1% Annual Chance Water Surface Elevation Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary Coastal Transect Baseline Profile Baseline Hydrographic Feature
<p>MAP PANELS</p> <ul style="list-style-type: none"> Selected FloodMap Boundary Digital Data Available No Digital Data Available Unmapped 	<p>OTHER AREAS</p> <ul style="list-style-type: none"> Area of Minimal Flood Hazard Zone X Effective LOMRs Area of Undetermined Flood Hazard Zone D Otherwise Protected Area Coastal Barrier Resource System Area 	<p>GENERAL STRUCTURES</p> <ul style="list-style-type: none"> Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall 	

GROUND WATER

BOSTON GROUNDWATER TRUST (BGwT) OBSERVATION WELL AND BUILDING FOUNDATION INFORMATION CENTER



Select well on map to view latest and historical readings.

Well #26M-0391

On Orleans St., in front of 137 Orleans St.

Elevations referenced to Boston City Base Datum (ft.)

Date	Elev. (ft) ¹
04/27/24	6.93
03/20/24	7.53
02/04/24	8.98
01/05/24	9.18
11/26/23	9.83
10/20/23	7.63
09/01/23	11.63
07/16/23	12.33
06/04/23	11.53
04/13/23	6.73
01/11/23	9.43
11/14/22	12.53
10/07/22	11.93
07/20/22	10.63
06/10/22	12.53
05/01/22	10.23
03/18/22	8.48
01/14/22	9.03
10/24/21	7.63
09/11/21	9.58
07/07/21	10.78
05/03/21	10.16
03/09/21	6.88
01/20/21	8.53
11/19/20	9.29
10/11/20	12.31

DOWNLOAD WELL DATA

Location Information for: 26M-0391
 Address: On Orleans St., in front of 137 Orleans St.
 Approx. Rim Elevation (ft.): 15
 Installation Date: 7/25/2018

Well Status

- Active
- Decommissioned

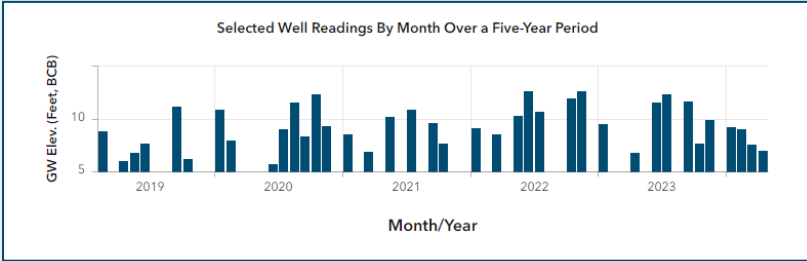
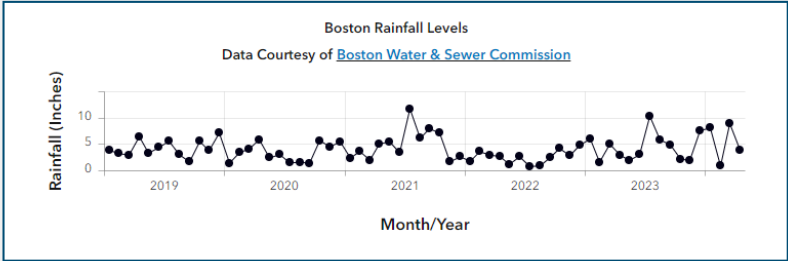
Foundation Type

- Wood
- Other
- Earth
- Concrete & Steel

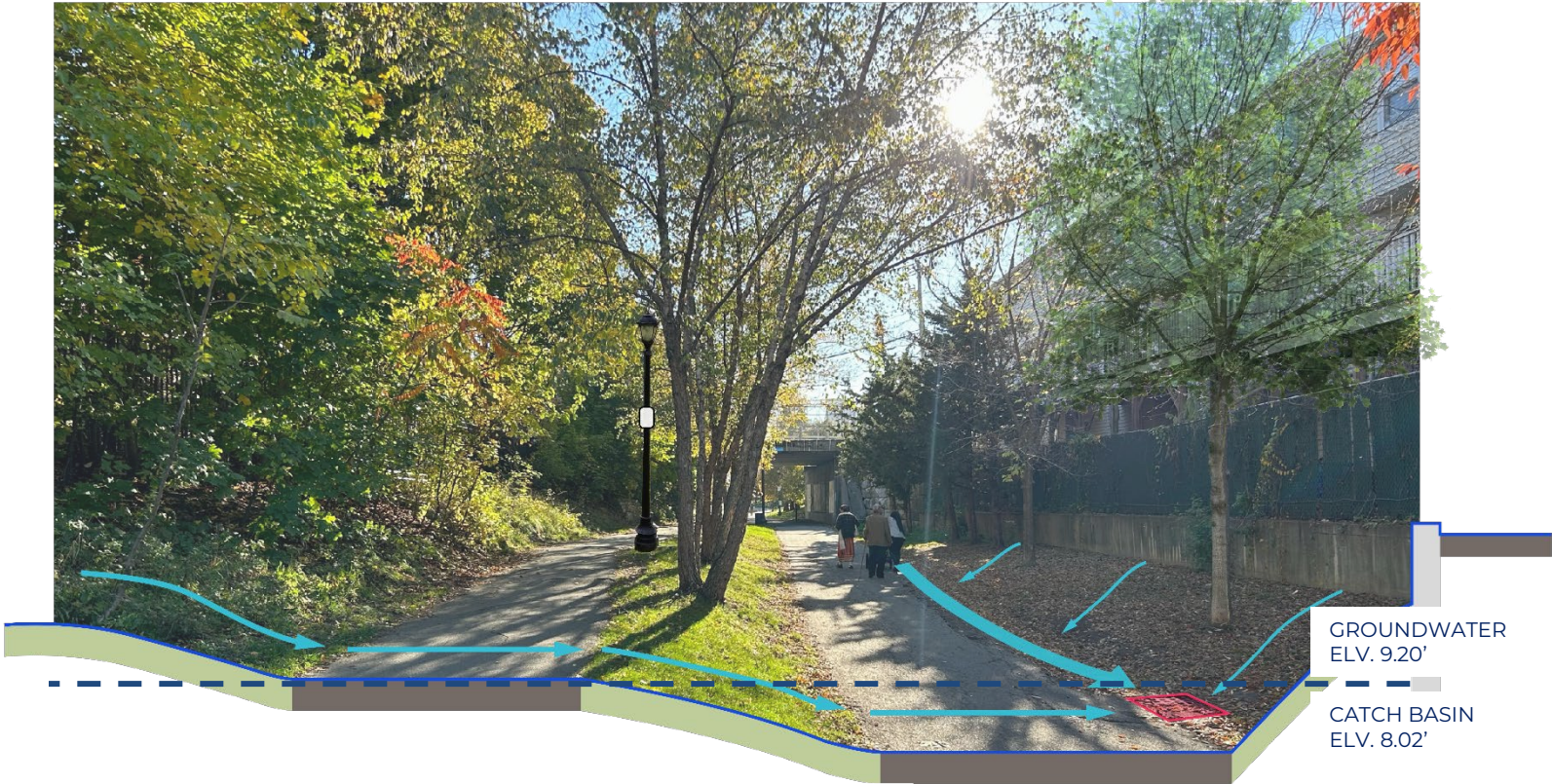
Underpinned Buildings

NOTE: Zoom in for foundation data.

Select a parcel with piling information to view data.



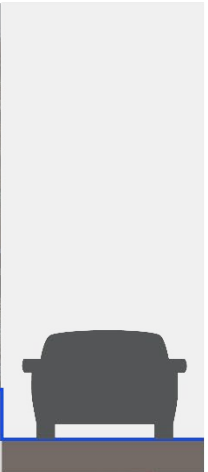
DRAINAGE & STORMWATER



GROUNDWATER
ELV. 9.20'

CATCH BASIN
ELV. 8.02'

DRAINAGE & STORMWATER



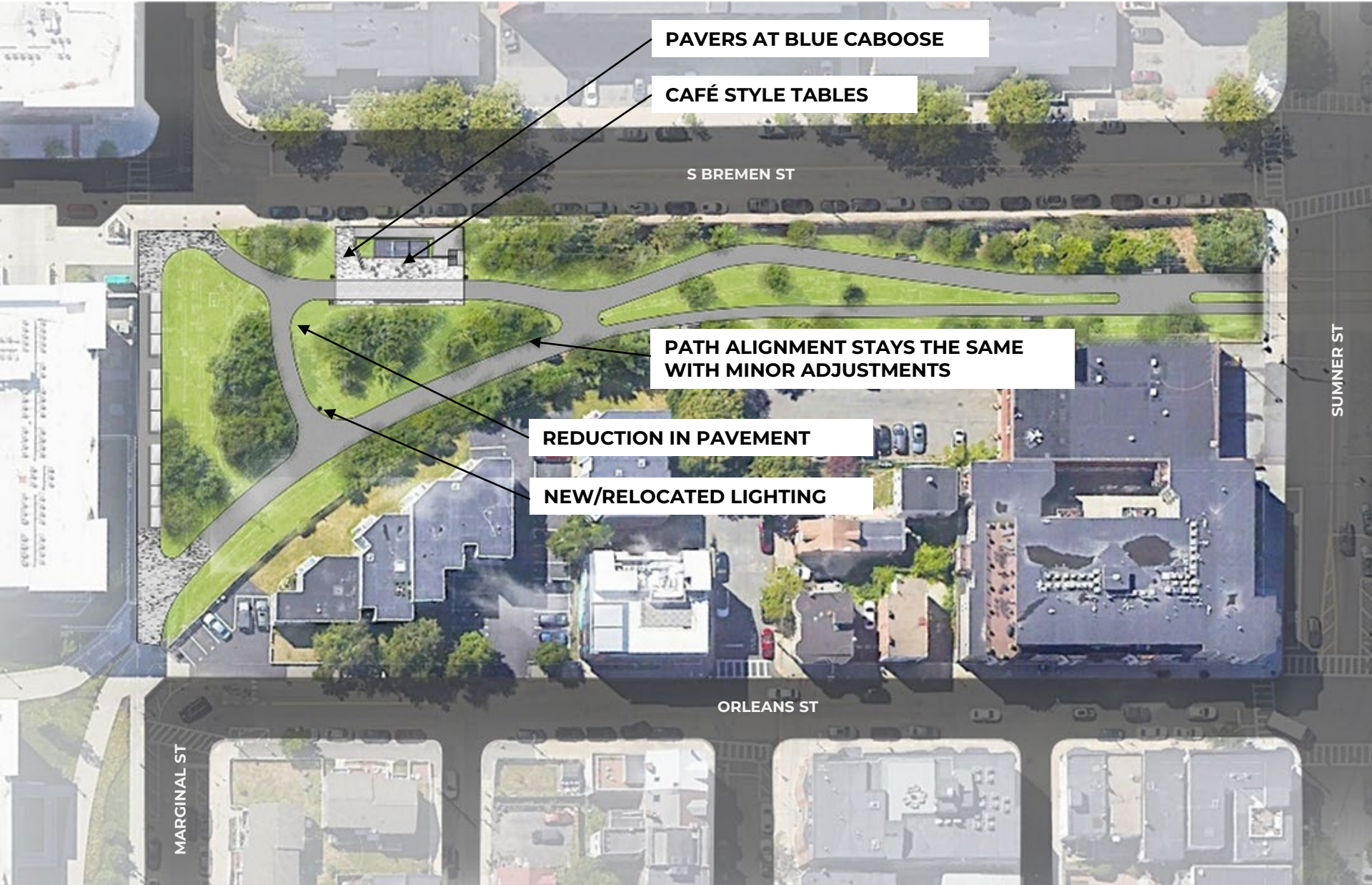
DESIGN DEVELOPMENT



DESIGN DEVELOPMENT



MARGINAL STREET TO SUMNER STREET



PAVERS AT BLUE CABOOSE

CAFÉ STYLE TABLES

S BREMEN ST

PATH ALIGNMENT STAYS THE SAME WITH MINOR ADJUSTMENTS

REDUCTION IN PAVEMENT

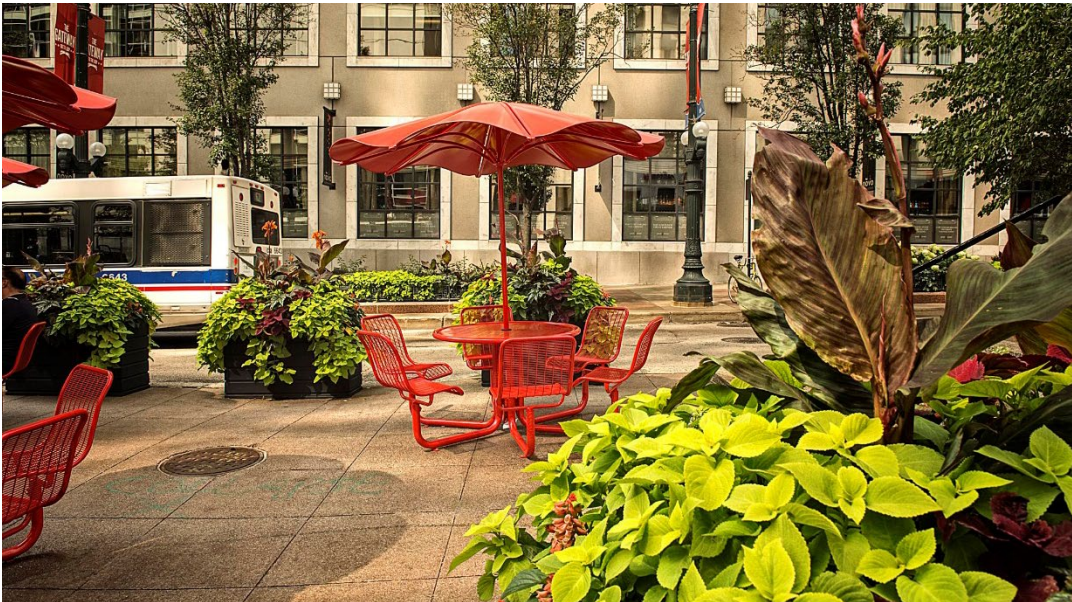
NEW/RELOCATED LIGHTING

ORLEANS ST

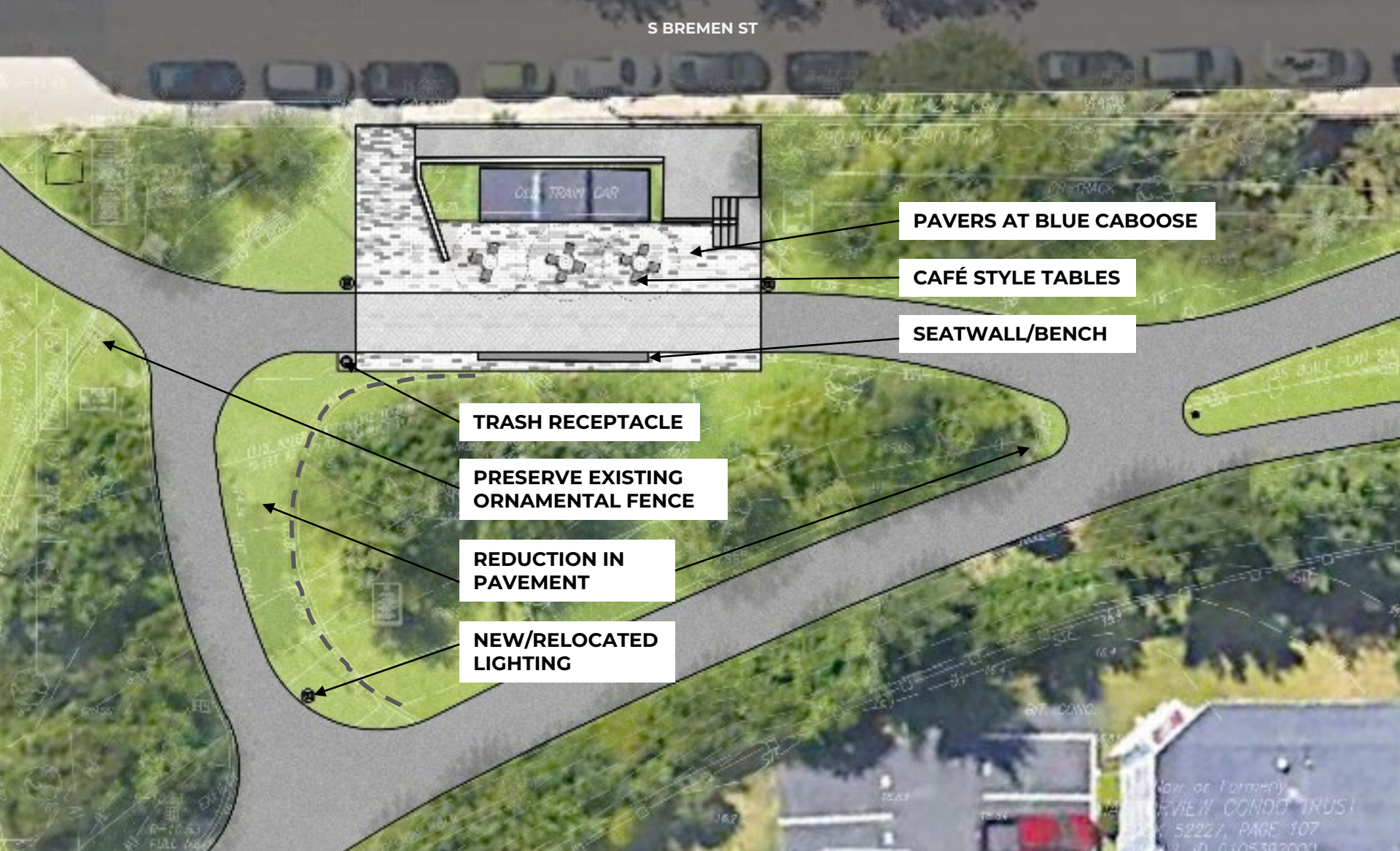
MARGINAL ST

SUMNER ST

MARGINAL STREET TO SUMNER STREET



MARGINAL STREET ENTRY



S BREMEN ST

PAVERS AT BLUE CABOOSE

CAFÉ STYLE TABLES

SEATWALL/BENCH

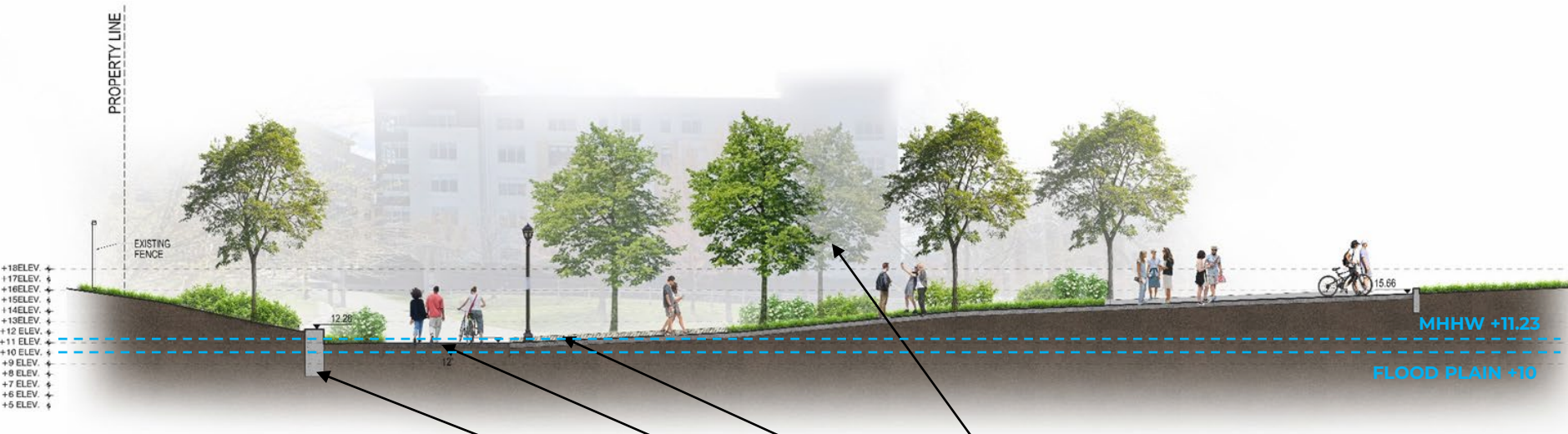
TRASH RECEPTACLE

PRESERVE EXISTING
ORNAMENTAL FENCE

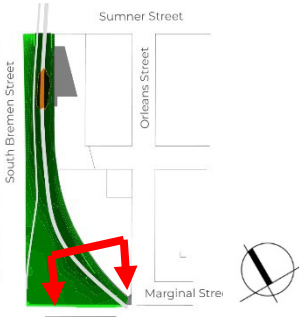
REDUCTION IN
PAVEMENT

NEW/RELOCATED
LIGHTING

MARGINAL STREET ENTRY



- EXISTING TREES TO REMAIN
- PROPOSED GRANITE BLOCK
- PATH IN EXISTING ALIGNMENT
- EXISTING GRANITE BLOCK



SUMNER STREET TO MAVERICK STREET



DEPLOYABLE BARRIER STORAGE CONTAINER

RAINGARDEN

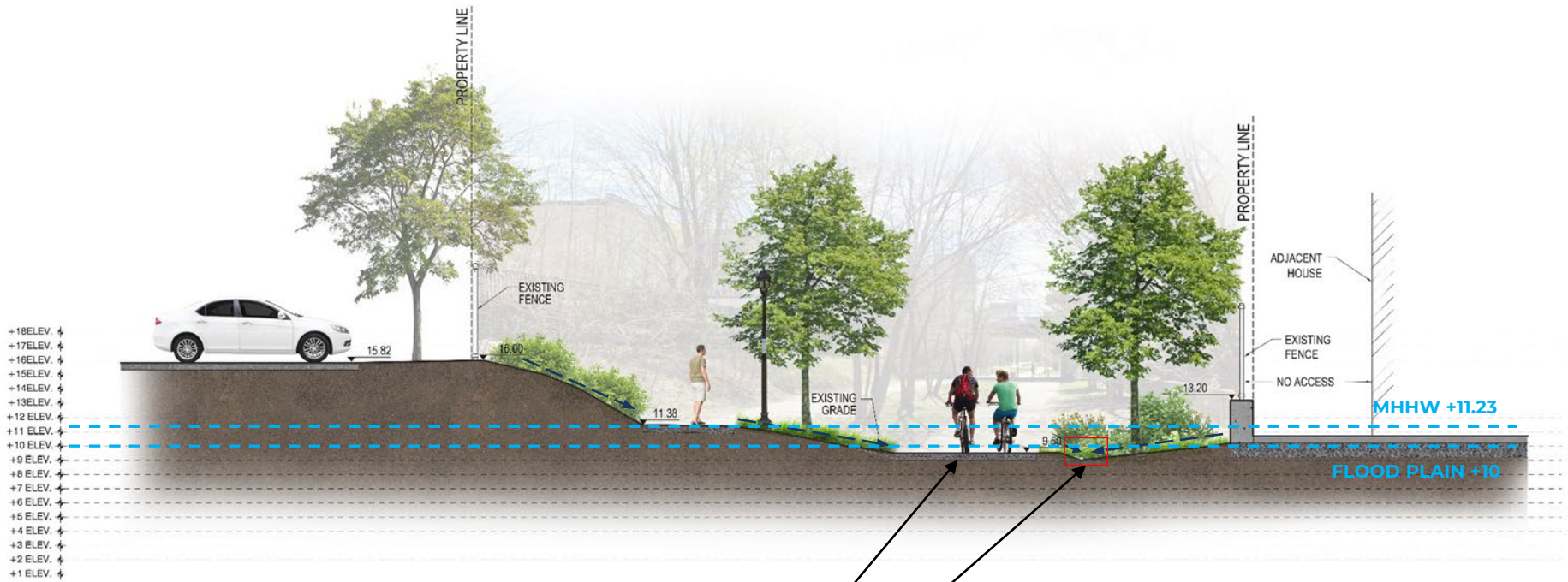
PARK BENCH

PATH ALIGNMENT FOLLOWS EXISTING

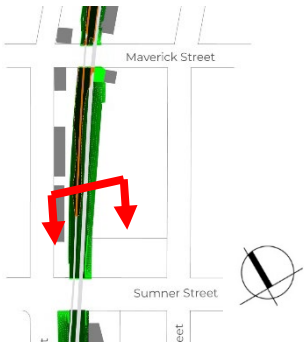
DRAINAGE IMPROVEMENTS

PAVEMENT MARKINGS TO DIFFERENTIATE BETWEEN BIKE AND PEDESTRIAN USE

SUMNER STREET TO MAVERICK STREET



ELEVATE SECTION OF PATH
DRAINAGE SYSTEM IMPROVEMENTS
AND RAINGARDEN



SUMNER STREET TO MAVERICK STREET



SUMNER STREET TO MAVERICK STREET



GOVE STREET



BREMEN ST

GREEN INFRASTRUCTURE

RE-ALIGNED SEATING AREA

PARK BENCH

NEW/RELOCATED LIGHTING

+10

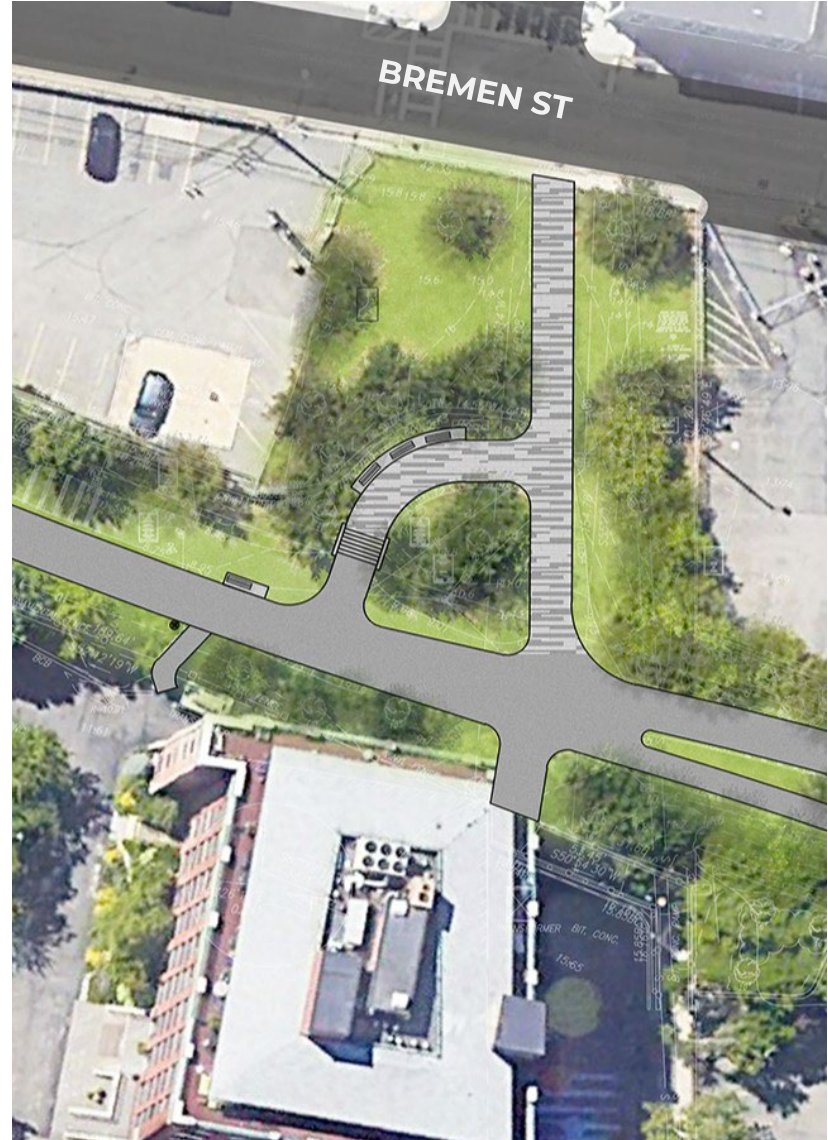
ELEVATED PATHWAY AND BOARDWALK STRETCHES IN WETTER AREAS

SINGLE 12-FT WIDE PATH

ORLEANS ST

GOVE ST

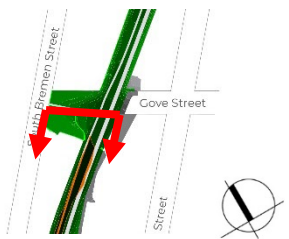
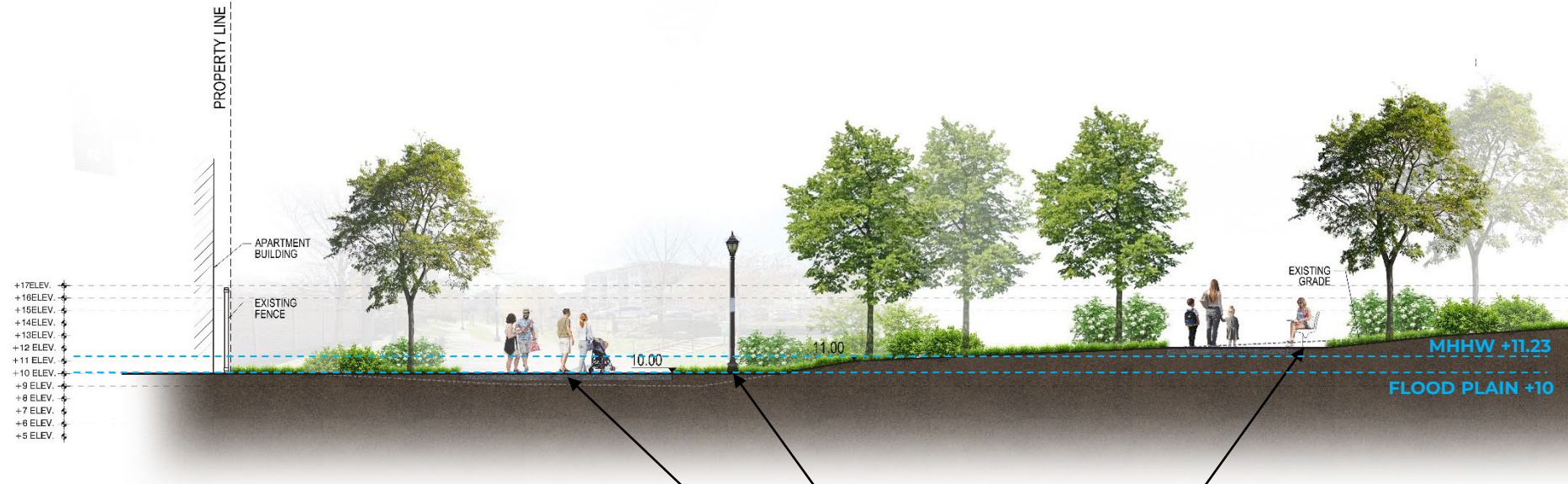
GOVE STREET



GOVE STREET



GOVE STREET

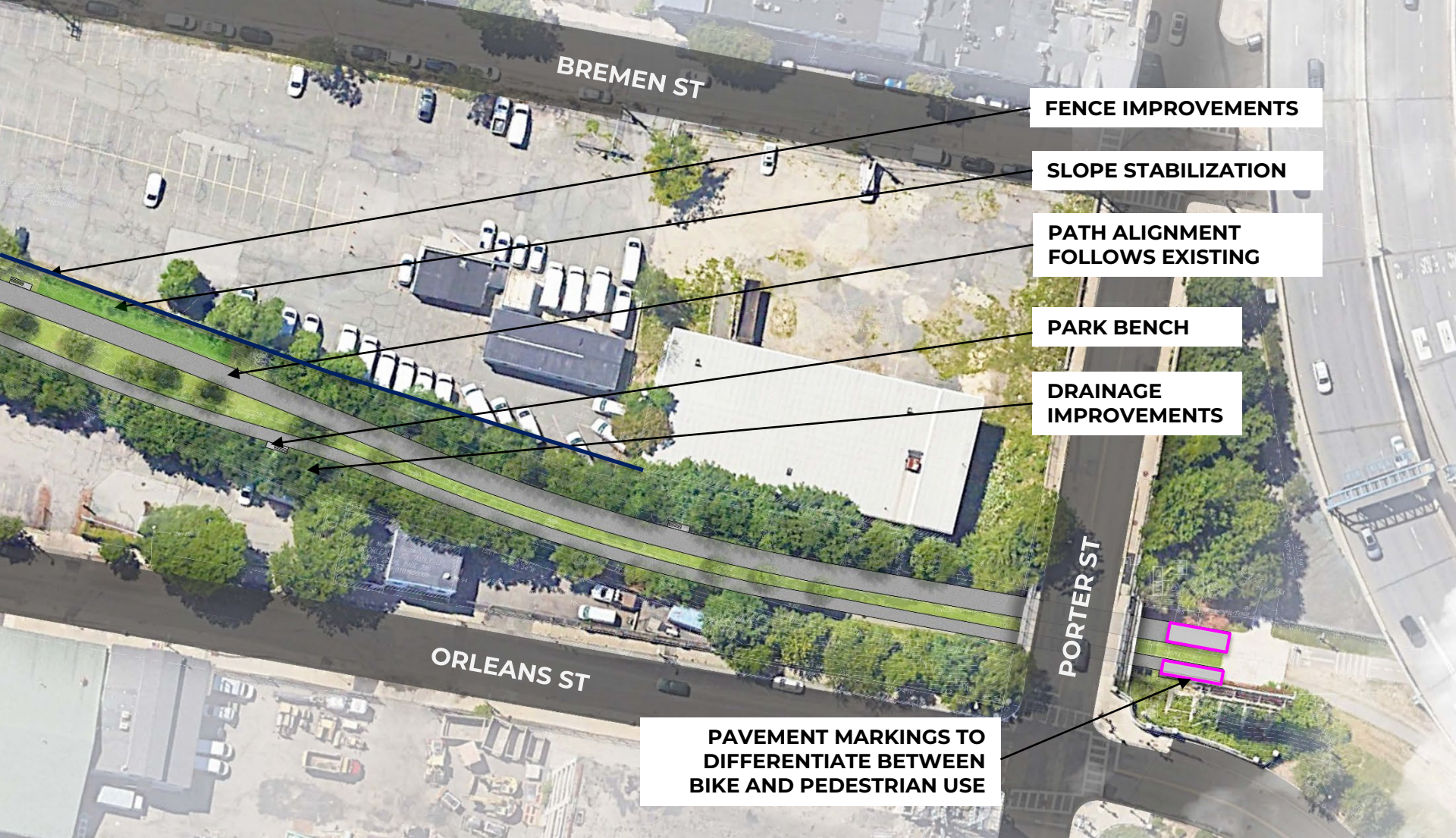


RE-ALIGNED SEATING AREA

NEW/RELOCATED LIGHTING

ELEVATED PATH (+- 1-FT)

GOVE STREET TO PORTER STREET



FENCE IMPROVEMENTS

SLOPE STABILIZATION

**PATH ALIGNMENT
FOLLOWS EXISTING**

PARK BENCH

**DRAINAGE
IMPROVEMENTS**

**PAVEMENT MARKINGS TO
DIFFERENTIATE BETWEEN
BIKE AND PEDESTRIAN USE**

PORTER ST

BREMEN ST

ORLEANS ST

GOVE STREET TO PORTER STREET



RAINGARDEN/SWALE



COBBLE SWALE / SLOPE TO PREVENT EROSION



PAVEMENT MARKINGS



BACKED BENCH WITH MID-ARM REST

SITE MATERIALS



STRENGTHENING OF ART PROGRAM



<https://maryellenwelchgreenway.org/visit/>



LISTENING & DISCUSSION

Help us build great parks.
Let us know what matters to you.



THANK YOU!

For questions, maintenance requests or concerns regarding any of our parks contact 311

BOS:
311

www.boston.gov/welch-greenway

Amy Linné:
amy.linne@boston.gov

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