



BRIDGE DISTRICT CONNECTIVITY PLAN

Hudson, NY

December 15, 2020



HIGH PERFORMANCE STREETS

Making up over 30% of a city's public space, streets should do more than just move vehicles. Our streets should be safe and enjoyable for everyone whether driving, walking, riding their bicycle, pushing a stroller or moving around in a wheelchair. Our streets should reflect the unique culture of a place and be constructed of quality materials built to last.



**Functionality
and Safety**



Arts and Culture



**Health and the
Environment**



**Economic
Vitality**



Design Quality



INTRODUCTION

Today's Objectives

- 1. Project Goals & Key Findings** - Reviewing the findings from data collection & public outreach process. Solidify the goals for the connectivity plan.
- 2. Present the Connectivity Plan Vision** - Share general concepts for streetscape improvements that can be applied district-wide.
- 3. Examples of Applied Improvements** - Share specific applications of these improvements within the district.

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INTRODUCTION

DRI Grant / Application

About the BRIDGE District Connectivity Improvement Project

Downtown Revitalization Initiative (DRI) Round Two - 2017

BRIDGE District (Build-Renew-Invent-Develop-Grow-Empower) -
\$10m

Downtown Revitalization Initiative (DRI) Strategic Investment Plan

BRIDGE District Connectivity Improvements - \$4m

“.....address pedestrian safety, enhance multimodal transportation, and improve connectivity to adjacent neighborhoods and the City’s Downtown.”

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INTRODUCTION

Project Overview

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Project Schedule

Phase 1 – Predevelopment Services

Data collection	Summer 2020
Site Visit	June 2020
HPS Analysis	July 2020
Community Engagement	Summer - Winter 2020
Walkabout Survey	July 2020
Project Workshop # 1	July 2020
Concept Development	July - August 2020
Project Workshop #2	August 2020
Demonstration Project	October 2020
Connectivity Plan	Fall-Winter 2020
Final Connectivity Plan Submission	January 2021

Phase 2 - Design and Implementation

Construction Document Development	Winter/Spring 2021
Begin Construction	Fall 2021



INTRODUCTION

Project Area



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23B

TO CITY HALL

TO HUDSON AREA LIBRARY

Charles Williams Park



INTRODUCTION

Public Outreach & Analysis



1. Walkabout/Public Workshop

Need Work	Fair	Needs Work	Fair	Fair
Fair	Fair	Fair	Good	Fair
Fair	Fair	Fair	Good	Fair
Need Work	Fair	Fair	Fair	Needs Work
Need Work	Fair	Fair	Fair	Needs Work

2. HPS Analysis



5. Demonstration Project



3. Stakeholder Meetings



4. DRI Open House

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INTRODUCTION

Key Findings



Gaps in Pedestrian Network



Inaccessible Intersections



High Design Speeds



Uncomfortable Cycling Conditions



Disconnected Waterfront

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INTRODUCTION

Goals



GOAL #1

**Celebrate the
Historic Integrity**



GOAL #2

**Make Streets Safe
& Accessible for All**



GOAL #3

**Reconnect the
Waterfront**

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**GOAL 1: CELEBRATING THE
HISTORIC INTEGRITY**



GOAL 1

Historic Integrity



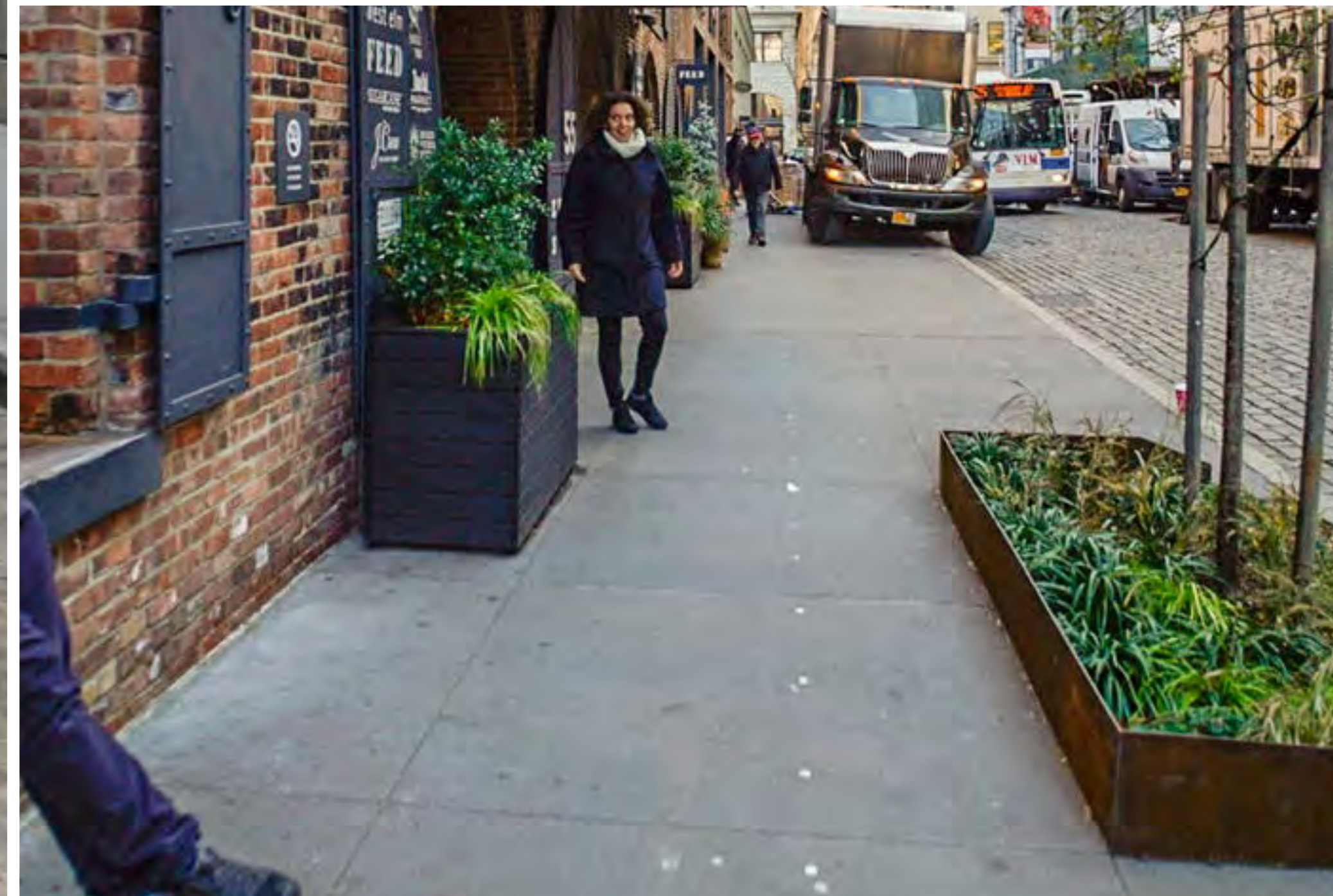
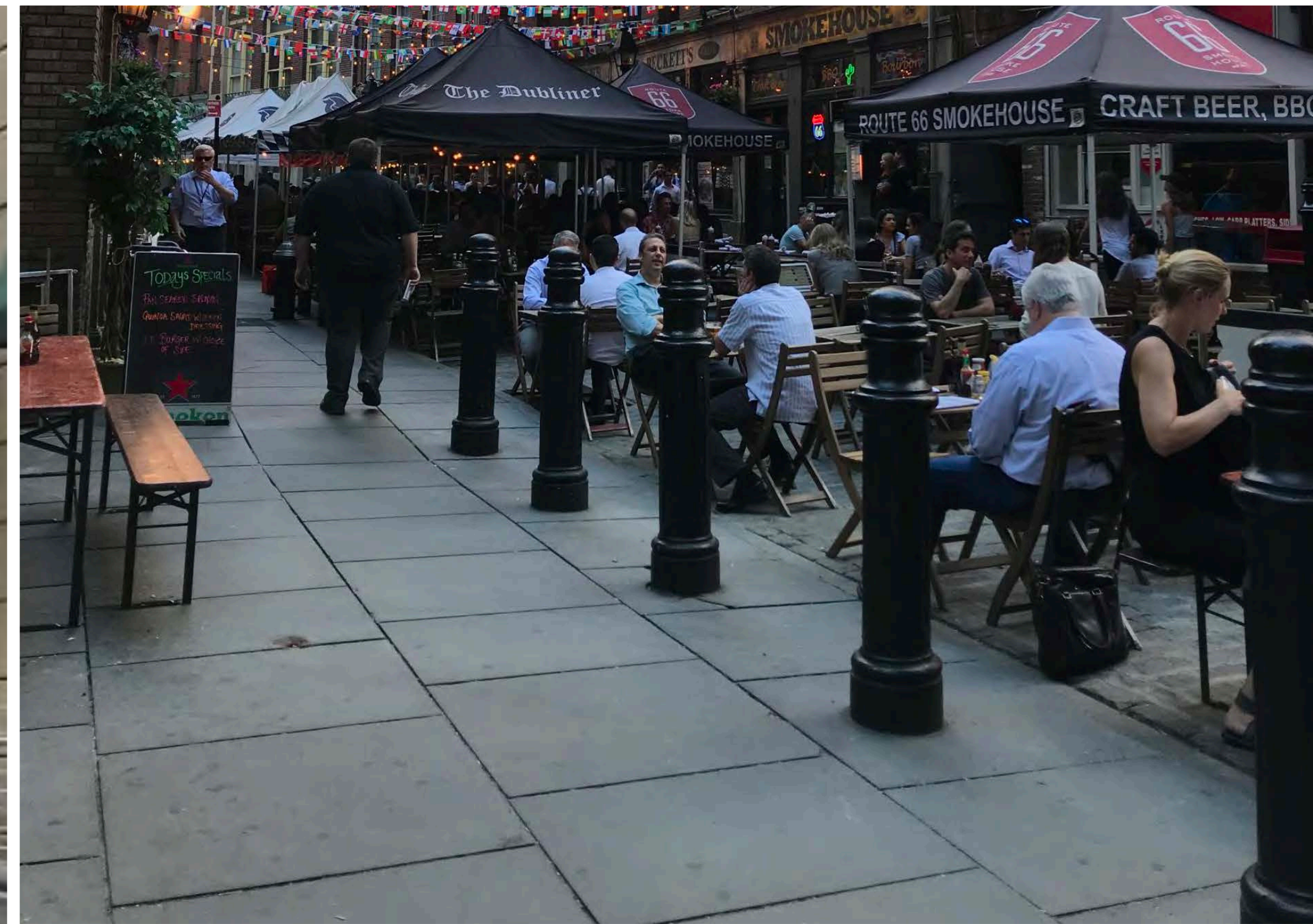
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GOAL 1

Look & Feel



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GOAL 1

Materials Palette



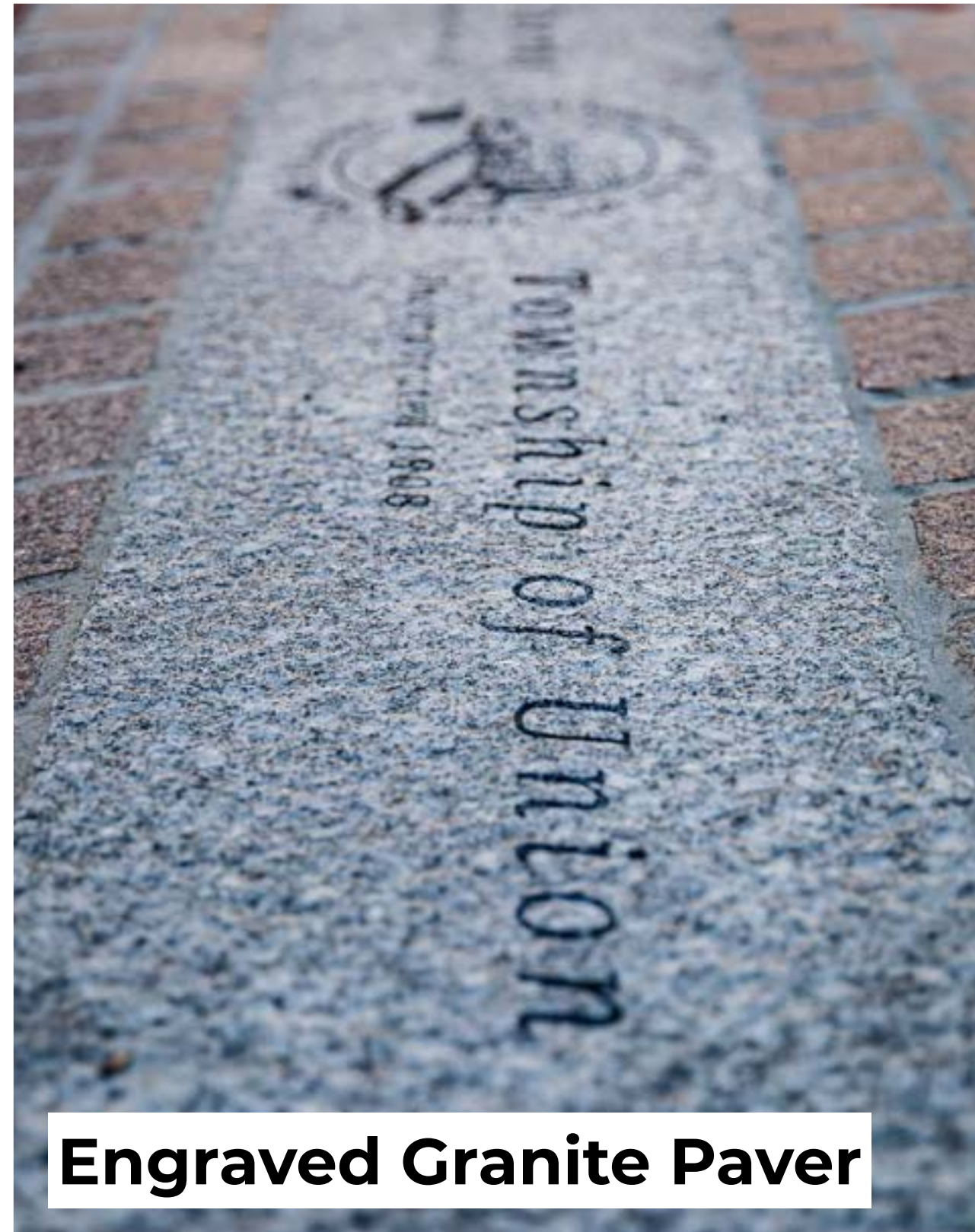
Granite setts



Granite Pavers



Tinted Concrete



Engraved Granite Paver



Concrete w/sawcut joints

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GOAL 1

**Furniture
Palette**



Benches



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arterial **STREETPLANS**
Bringing life to our streets



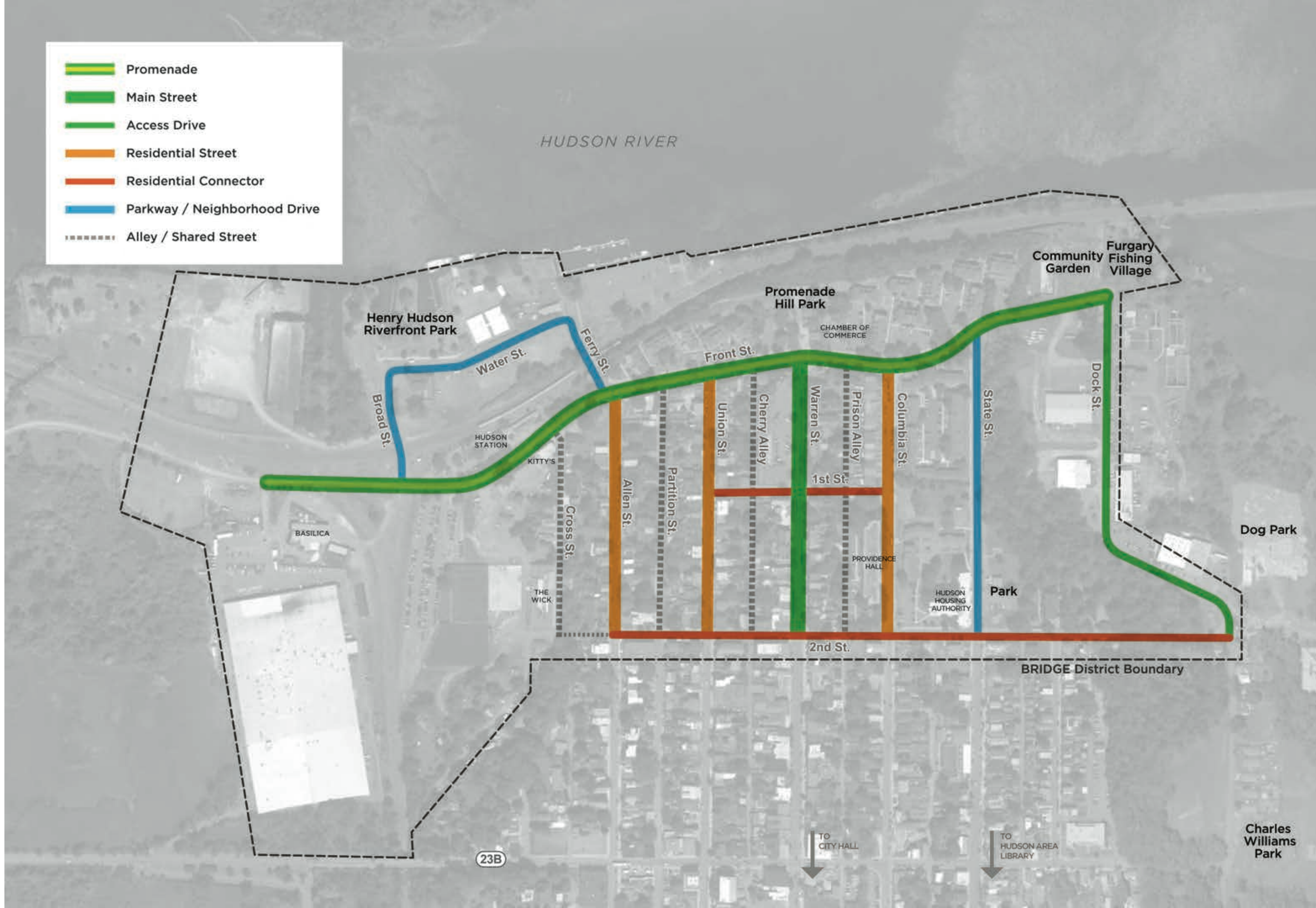
**GOAL 2: MAKE STREETS
SAFE AND ACCESSIBLE FOR
ALL**



GOAL 2

Street Typologies

-  Promenade
-  Main Street
-  Access Drive
-  Residential Street
-  Residential Connector
-  Parkway / Neighborhood Drive
-  Alley / Shared Street



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Charles Williams Park



GOAL 2

Intersection Typologies

-  Unique Intersections
-  Commercial Intersections
-  Standard Intersections
-  Alley Intersections



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TO CITY HALL

TO HUDSON AREA LIBRARY

Charles Williams Park



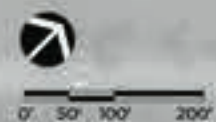
GOAL 2

Bicycle Network

- Bike Routes
- Empire Bike Trail
- Bicycle Nodes



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GOAL 2

Bike Facilities



Raised Shared-Use Path



Sharrows

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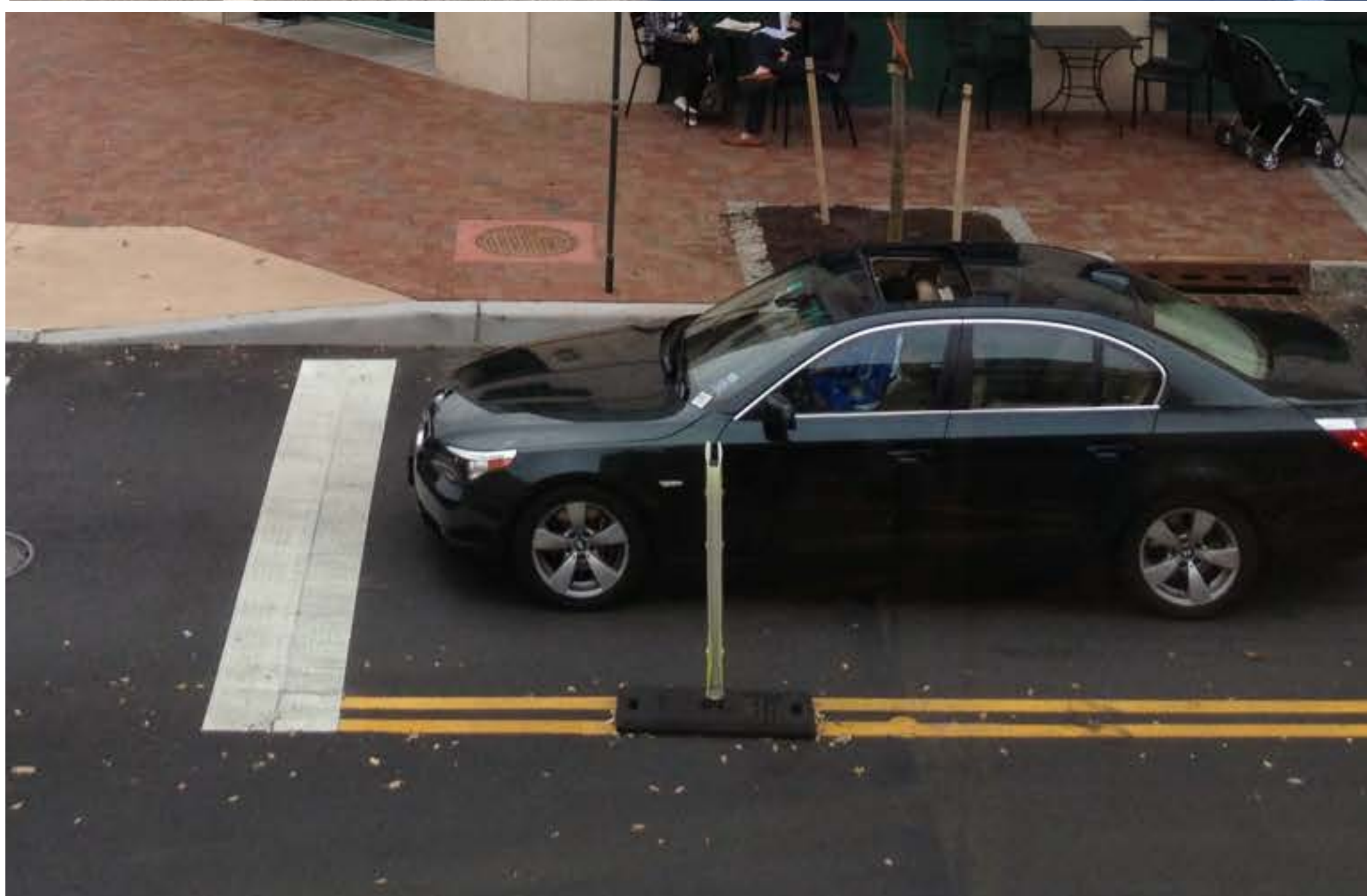




GOAL 2

Pavement Markings

- Lane & shoulder striping
- Stop bar
- Crosswalks



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GOAL 2

Curb Extensions

- Standard
- Amenity
- Green Infrastructure



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GOAL 2

Curb Ramps



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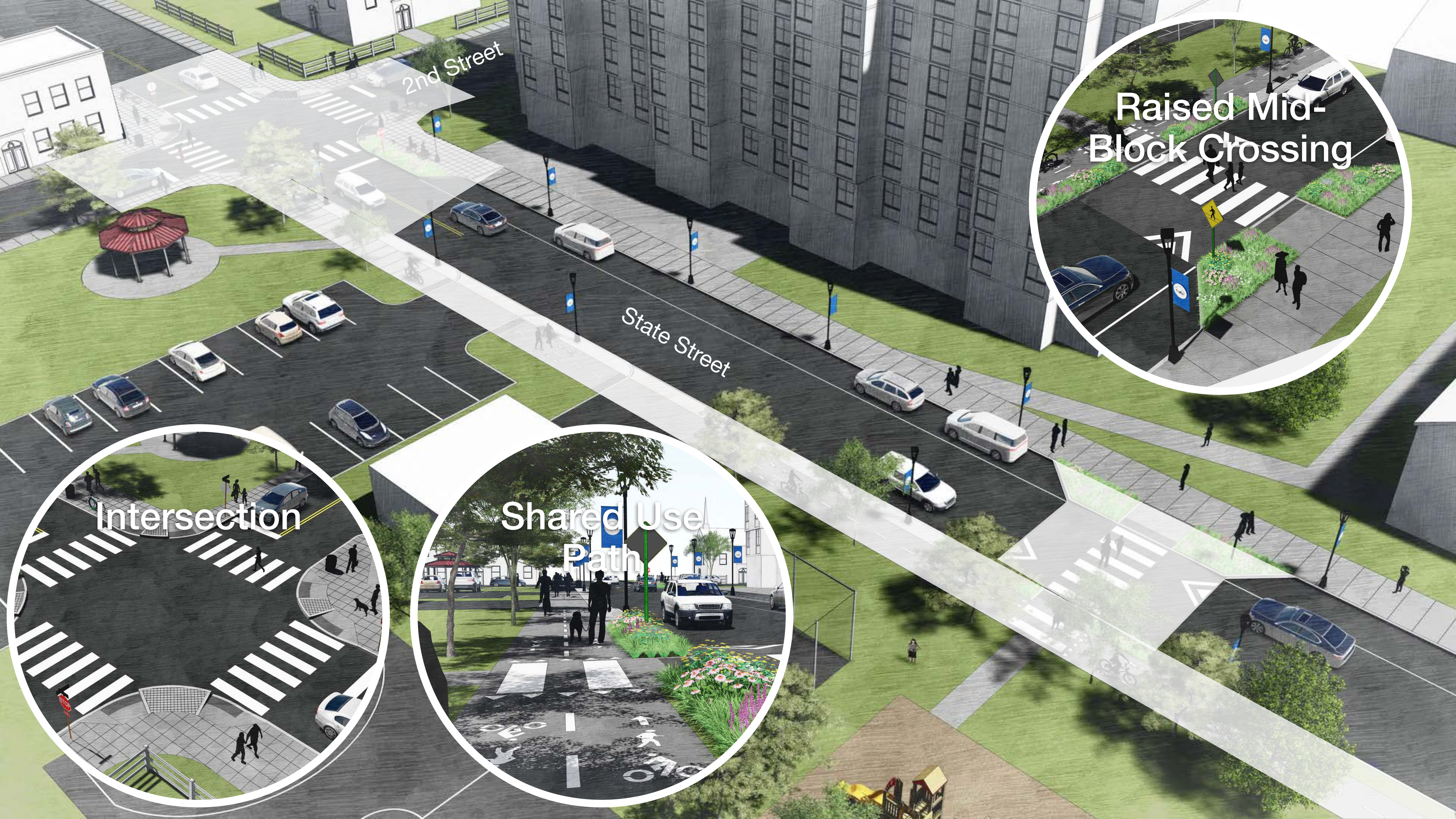
GOAL 2

State Street Corridor



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2nd Street

State Street



Raised Mid-Block Crossing



Intersection



Shared Use Path



2nd Street

State Street





State Street



GOAL 1

Warren Street & 2nd Street Intersection



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2nd Street

Warren Street

WARREN ST

CITY OF HUDSON

1 St.



CITY OF
HUDSON



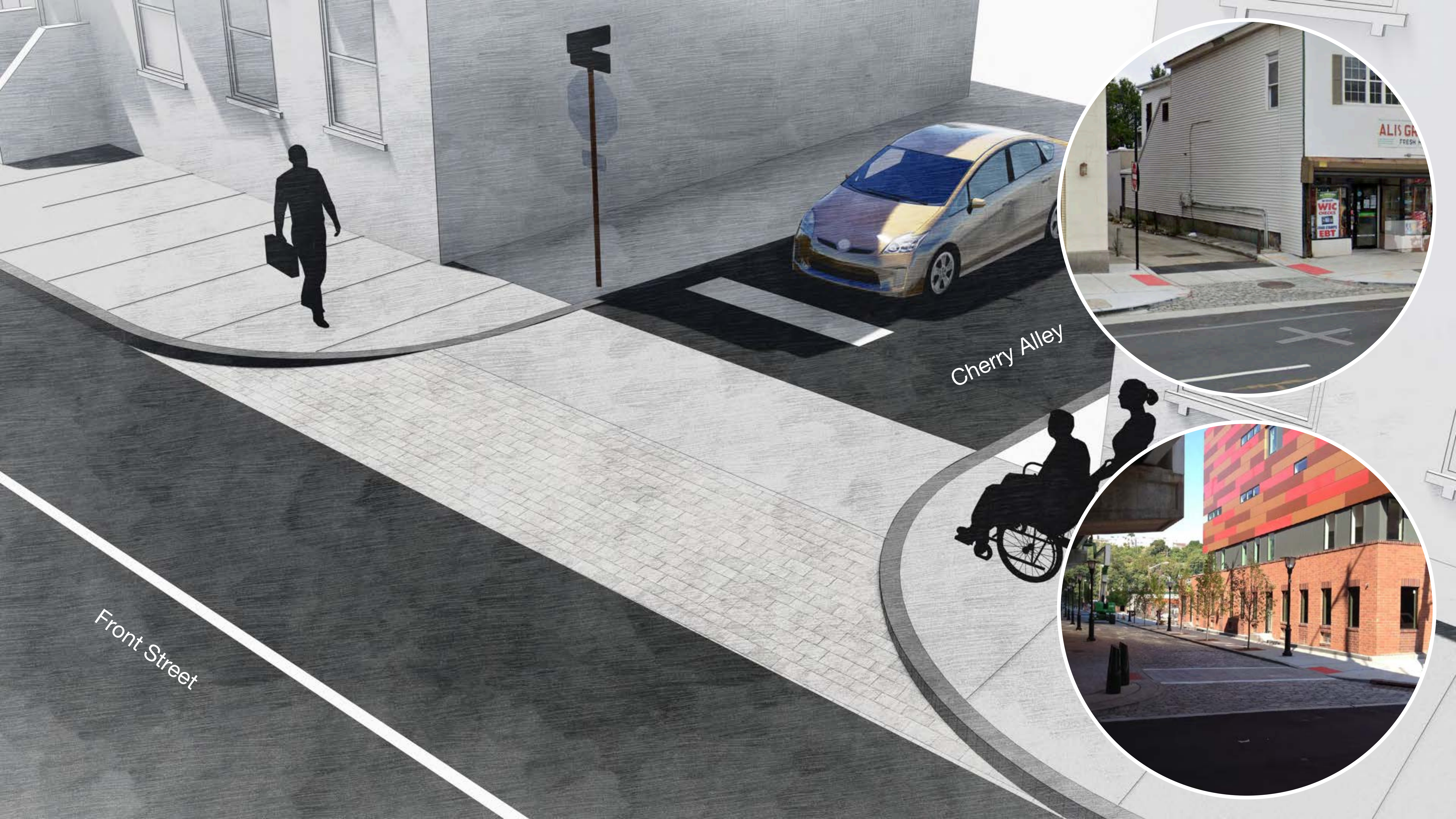
GOAL 1

Typical Alley Treatment



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Front Street

Cherry Alley





**GOAL 3: RECONNECT THE
WATERFRONT**



GOAL 3

Waterfront Promenade

- Unique Intersection
- Standard Intersection



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GOAL 3

Tabled Intersection



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GOAL 3

Tabled Crossing



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GOAL 3

Tabled Crossing



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GOAL 3

Existing Conditions



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GOAL 3

Front Street Existing



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GOAL 3

Front Street Proposed



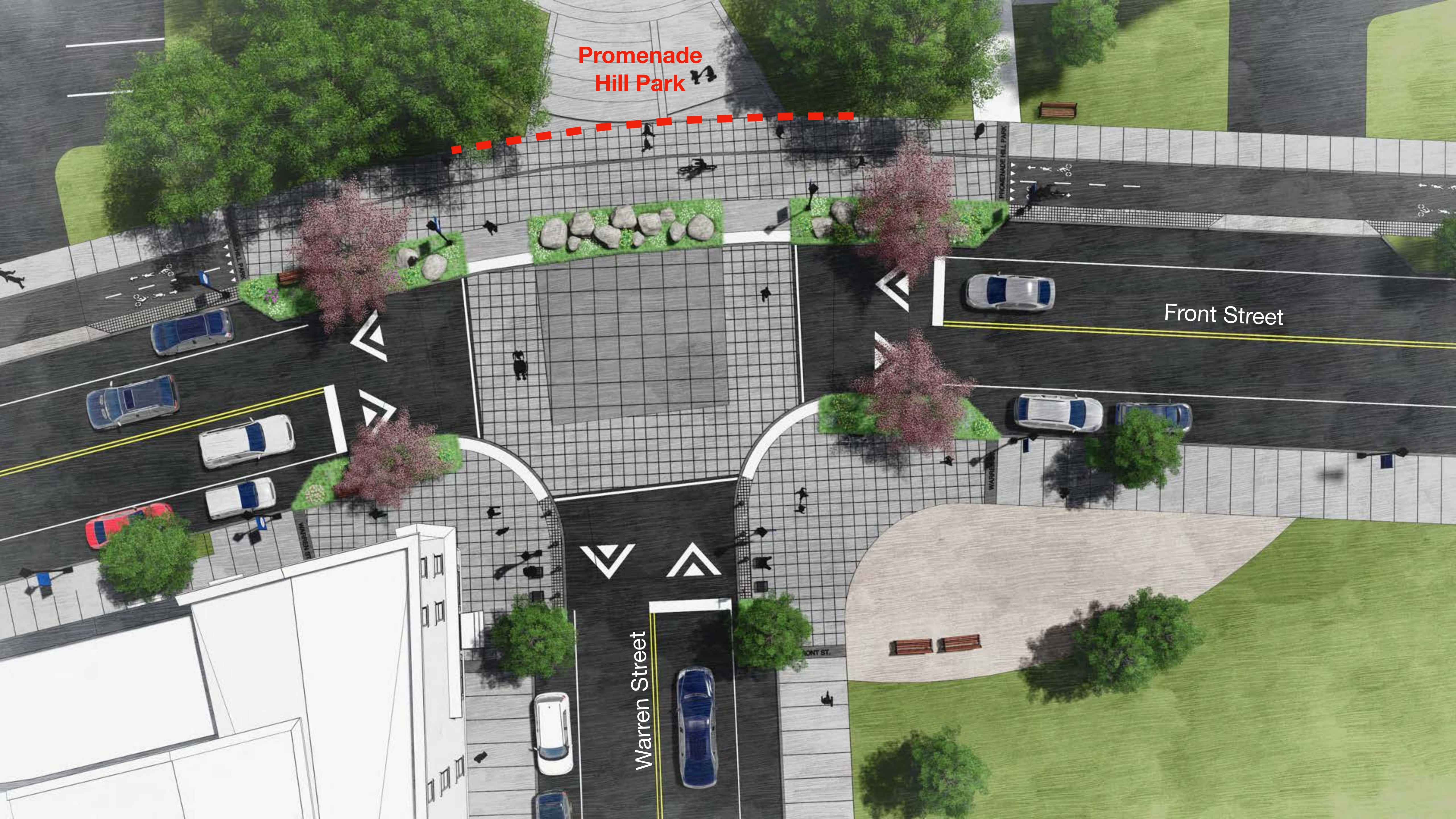
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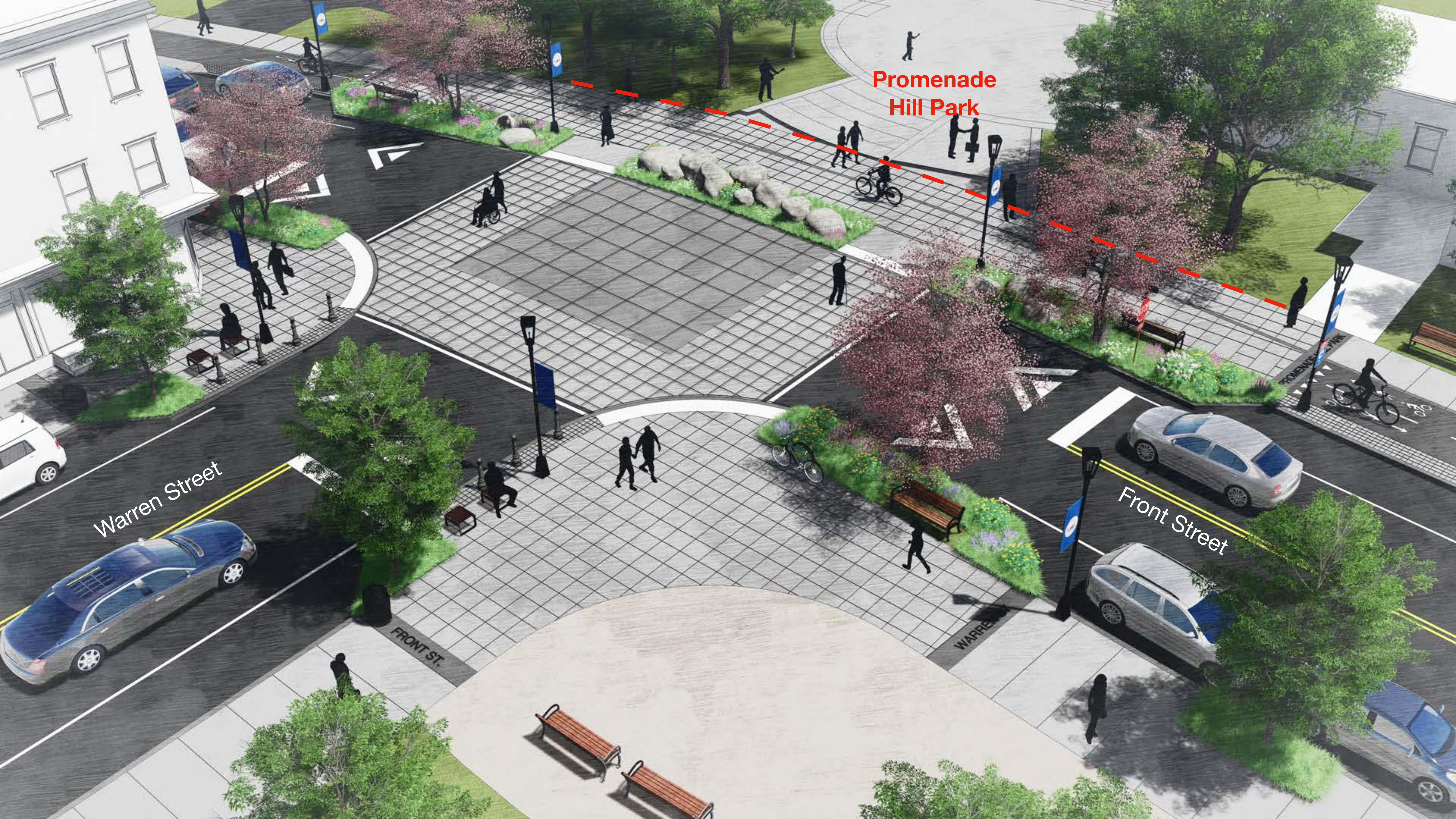


Promenade
Hill Park

Front Street

Warren Street





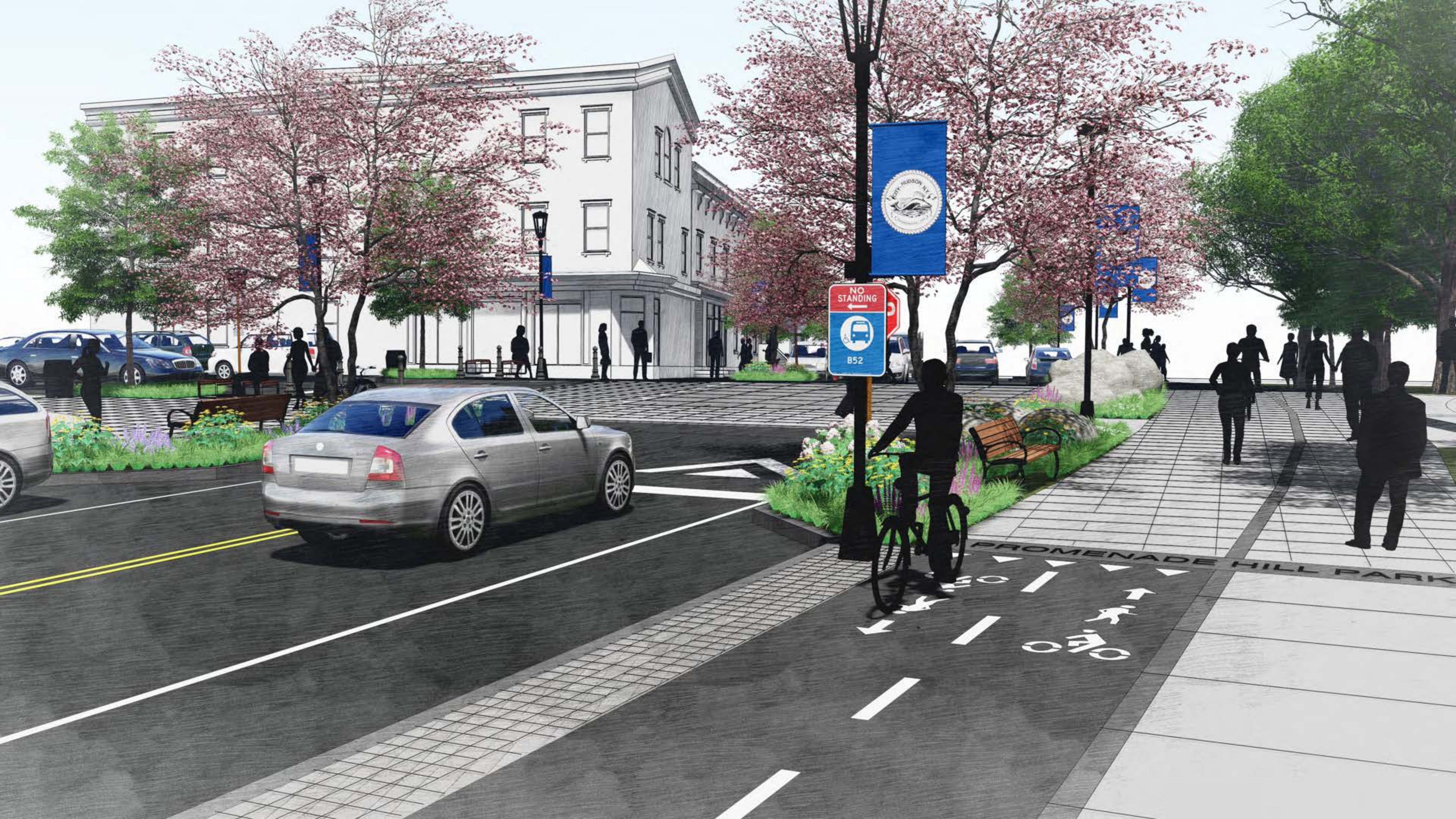
Promenade
Hill Park

Warren Street

Front Street

FRONT ST.

WARRE





NEXT STEPS



NEXT STEPS

Connectivity Plan



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NEXT STEPS

Intersection Improvements Matrix

		Street Improvements													
		Driveway apron	Stop sign	Vehicular stop bar	Curb extension	Crosswalk	ADA curb ramps	Seating	Bike racks	Trash bins	Raised crossing	Wayfinding signage	Raised intersection	Green Infrastructure	Bus Amenities
Alley Intersections	Partition & Front	█													
	Partition & 2nd														
	Cherry & Front														
	Cherry & 1st														
	Cherry & 2nd														
	Prison & Front														
	Prison & 1st														
	Prison & 2nd														
Commercial Intersections	1st & Warren		█	█		█				█		█			
	2nd & Warren		█	█	█	█	█	█		█		█			
Unique Intersections	Front & Broad				█	█						█			
	Front & Cross									█					
	Front & Warren		█	█	█	█	█	█	█	█		█			
	Front & Dock		█		█	█	█	█	█	█		█			
	Dock & 2nd				█	█	█	█	█	█					
	Allen & 2nd				█	█	█	█	█	█					
Standard Intersections	Front & Allen		█	█		█	█	█	█	█					
	Front & Union		█	█		█	█	█	█	█					
	Front & Columbia		█	█		█	█	█	█	█					
	Front & State		█	█		█	█	█	█	█					
	1st & Union		█	█		█	█	█	█	█					
	1st & Columbia		█	█		█	█	█	█	█					
	2nd & Union		█	█		█	█	█	█	█					
	2nd & Columbia		█	█		█	█	█	█	█			█		
	2nd & State		█	█		█	█	█	█	█					
	State (Mid-Block)					█	█	█	█	█					

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NEXT STEPS

Project Overview

Project Schedule

Phase 1 – Predevelopment Services

Connectivity Master Plan

Fall - Winter 2020

Council Presentation #1

December 15, 2020

Council Presentation #2

January 11, 2021

Final Connectivity Plan Submission

January 29, 2021

Phase 2 - Design and Implementation

Construction Document Development

Winter/Spring 2021

Begin Construction

Fall 2021

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THANK YOU

Arterial

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MIAMI NEW YORK

