



Aqueduct Reimagined Open House #2



Project Goals

- Reveal the Aqueduct (Remove upper deck)
- Reimagine South Avenue
- Build Riverfront Promenades
- Reconstruct Aqueduct Street

Project Parameters

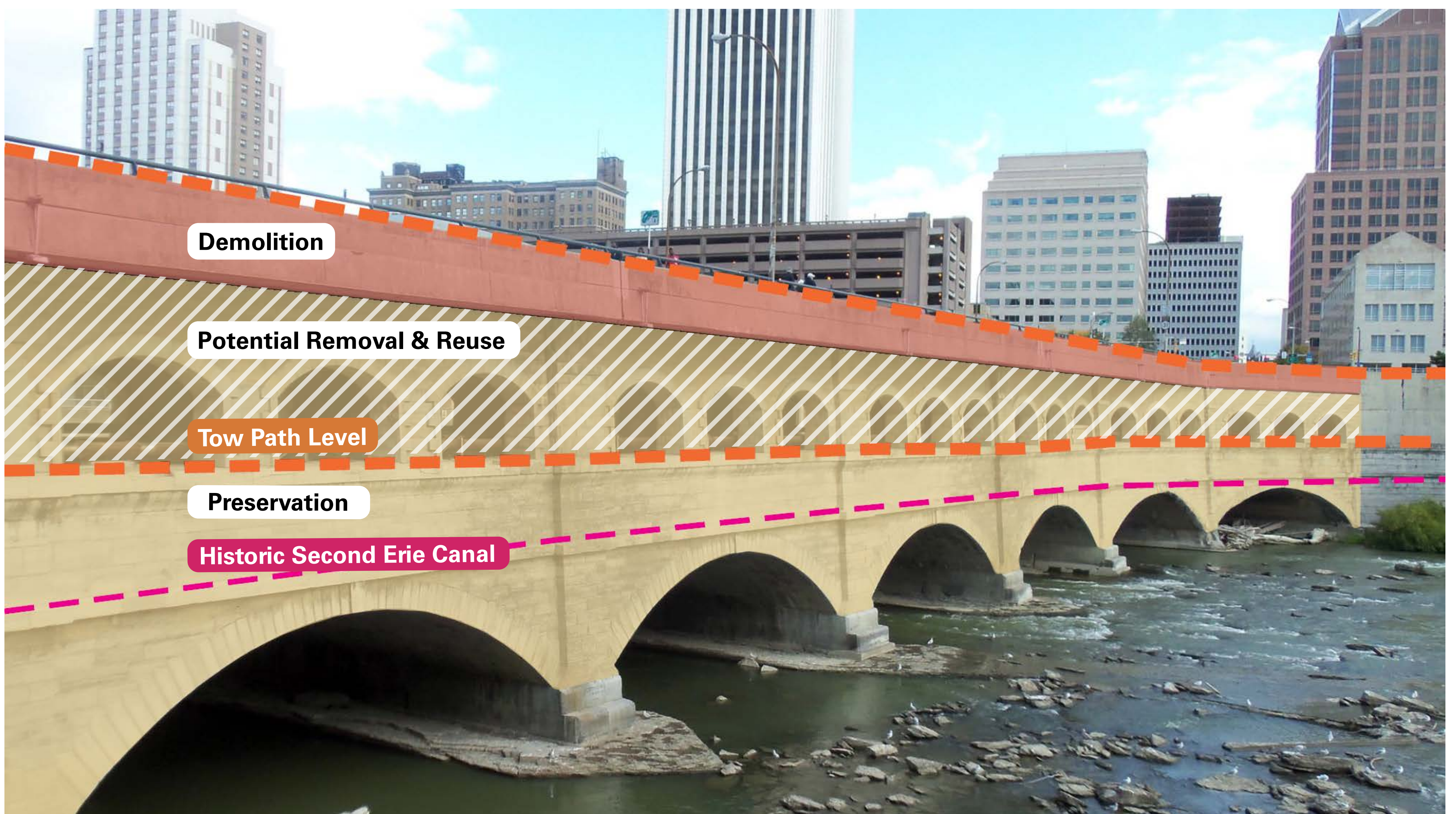
The following parameters have been determined for the project:

- Vehicular deck will be removed
- Broad Street will not be fully re-watered
- The Aqueduct must be a vibrant all-seasons public space.

The Reimagined Aqueduct must be a place that considers...



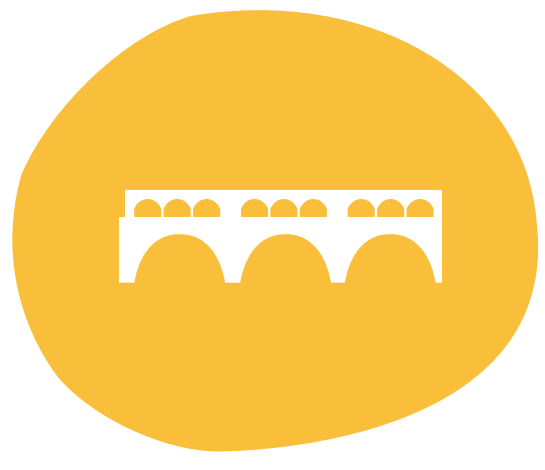
Other considerations and ideas are open for discussion!



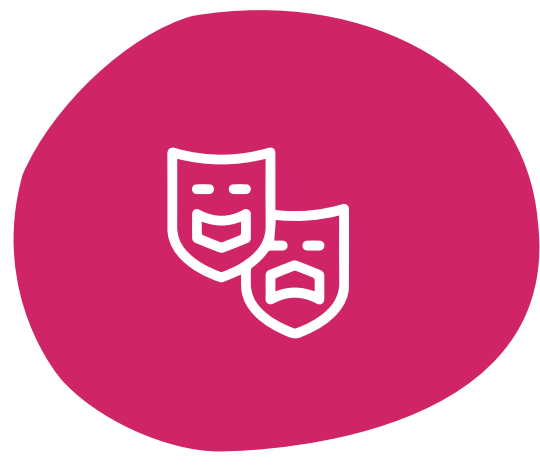
Introduction to Priorities

Six Priorities

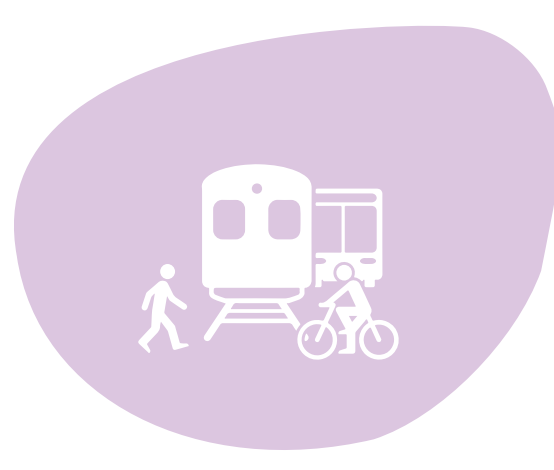
Based on what we heard was important to you, we identified six key priorities that will inform design scenarios as follows:



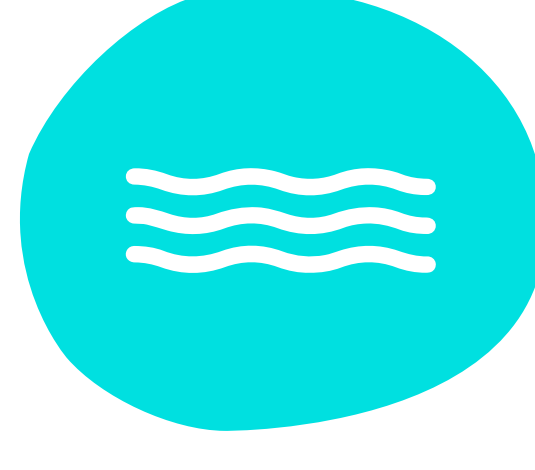
History



Art



Mobility



River



Destination/
Attraction

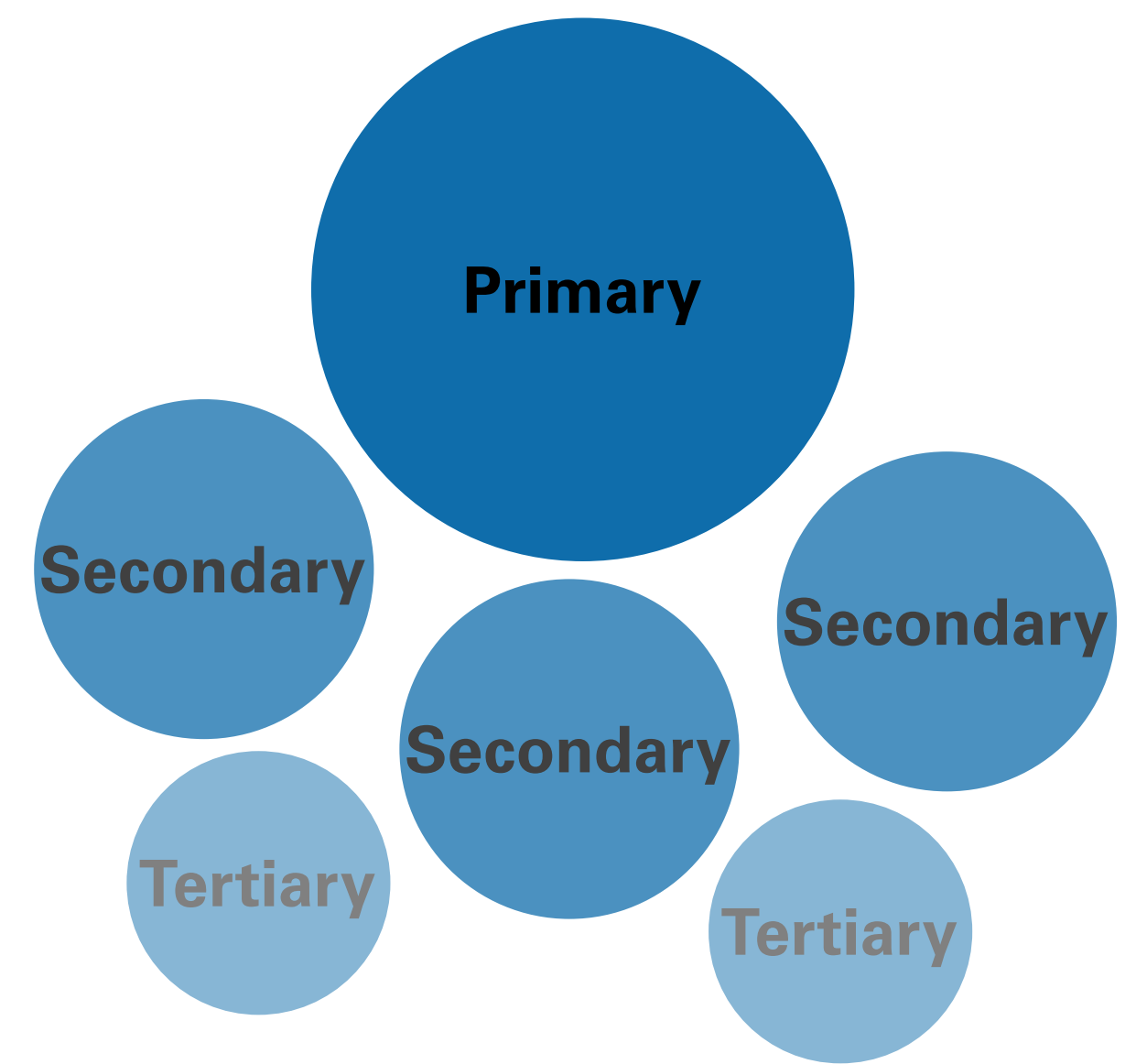


Landscape

How to Weight Priorities in Design?

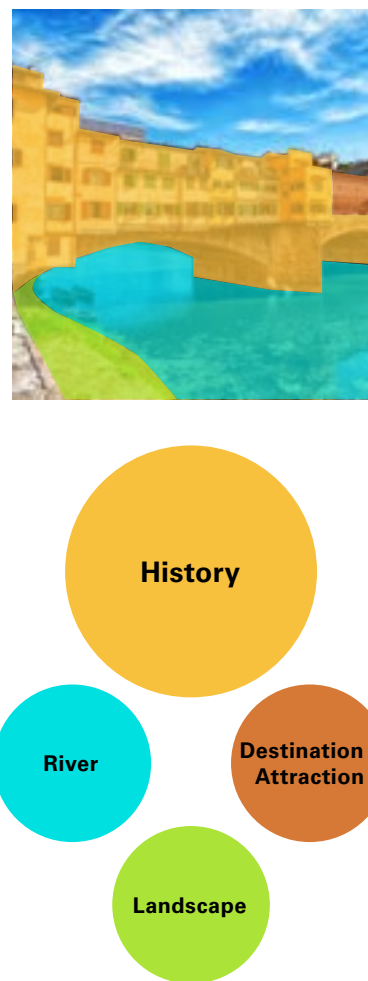
The different ways priorities are weighted can produce very different physical and programmatic design outcomes which means different relationships to the city and its people. While a primary priority is the main driver of the concept, secondary and tertiary priorities inform the details and other aspects of design and programming.

It's important to keep in mind that regardless of the order, all six priorities will be represented in the different design concepts, and the final design. Below is a selection of projects that have similar priorities to the ones identified for Rochester's Aqueduct Project.



Introduction to Design Concepts

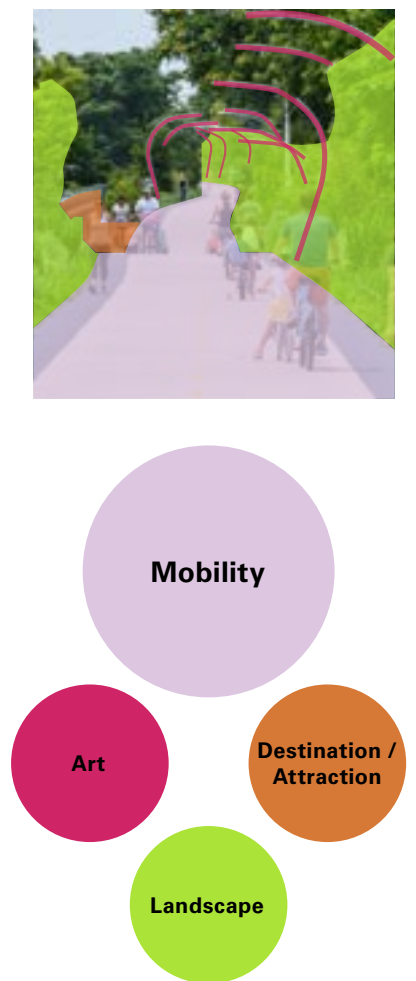
Cultural Histories



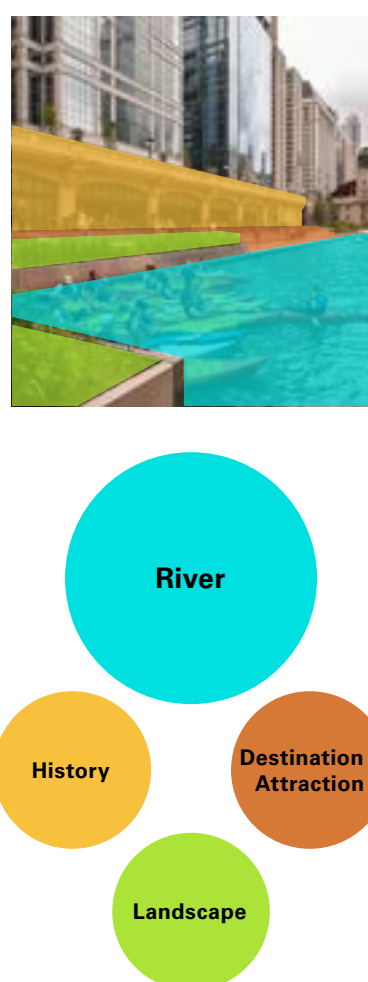
Creative Arts



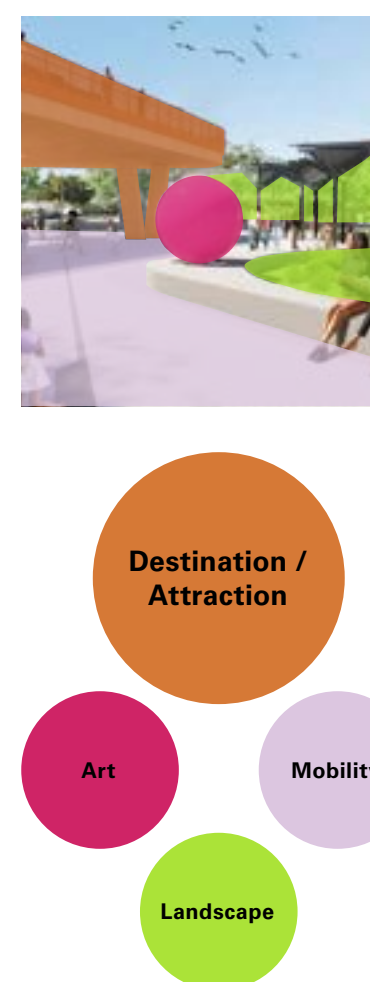
Connector



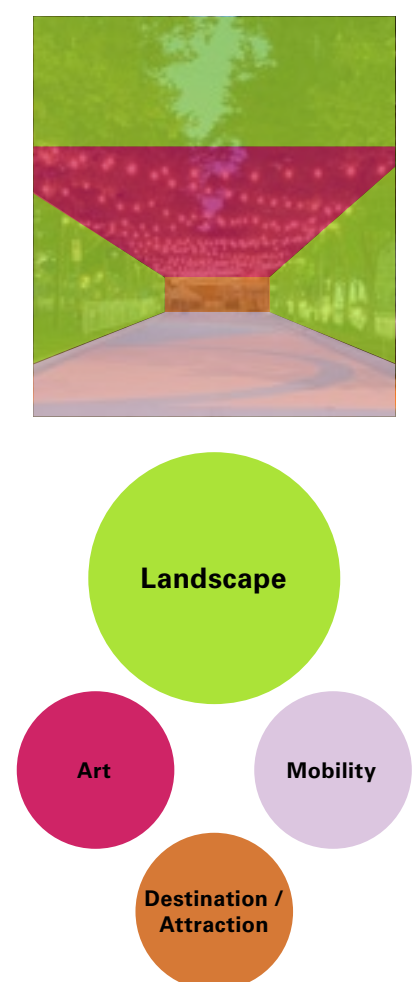
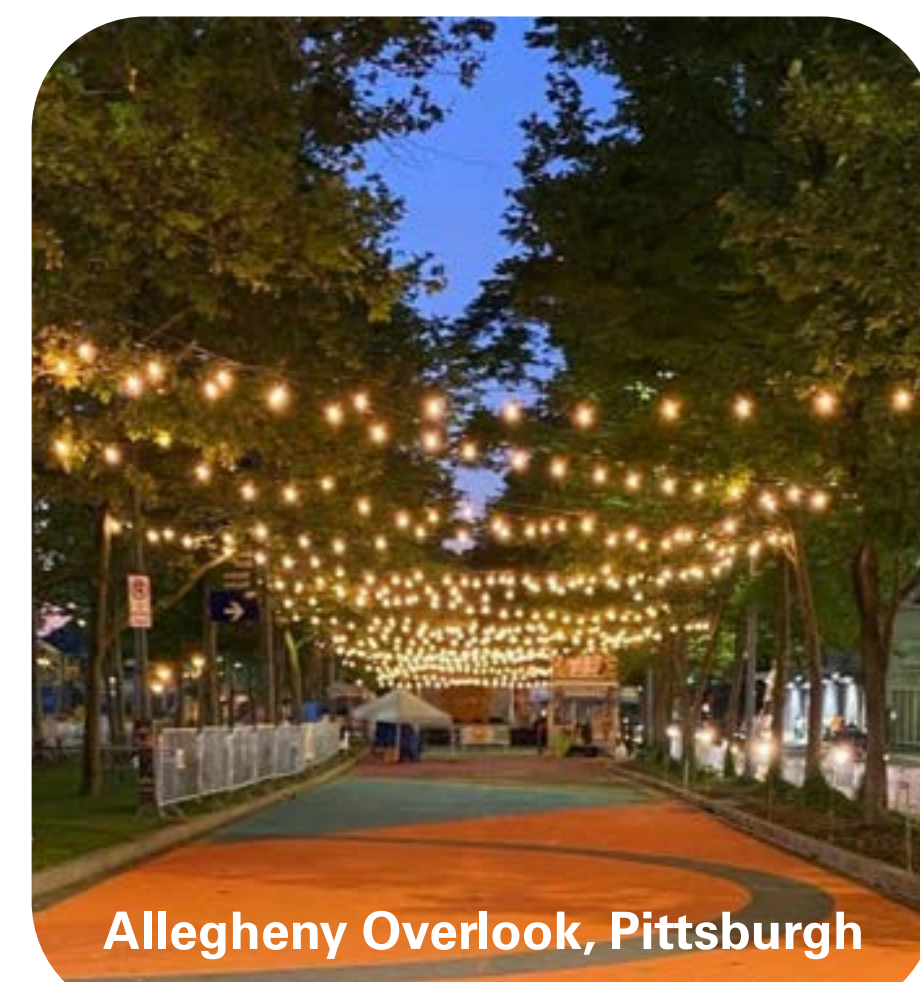
River Ecology



The Destination

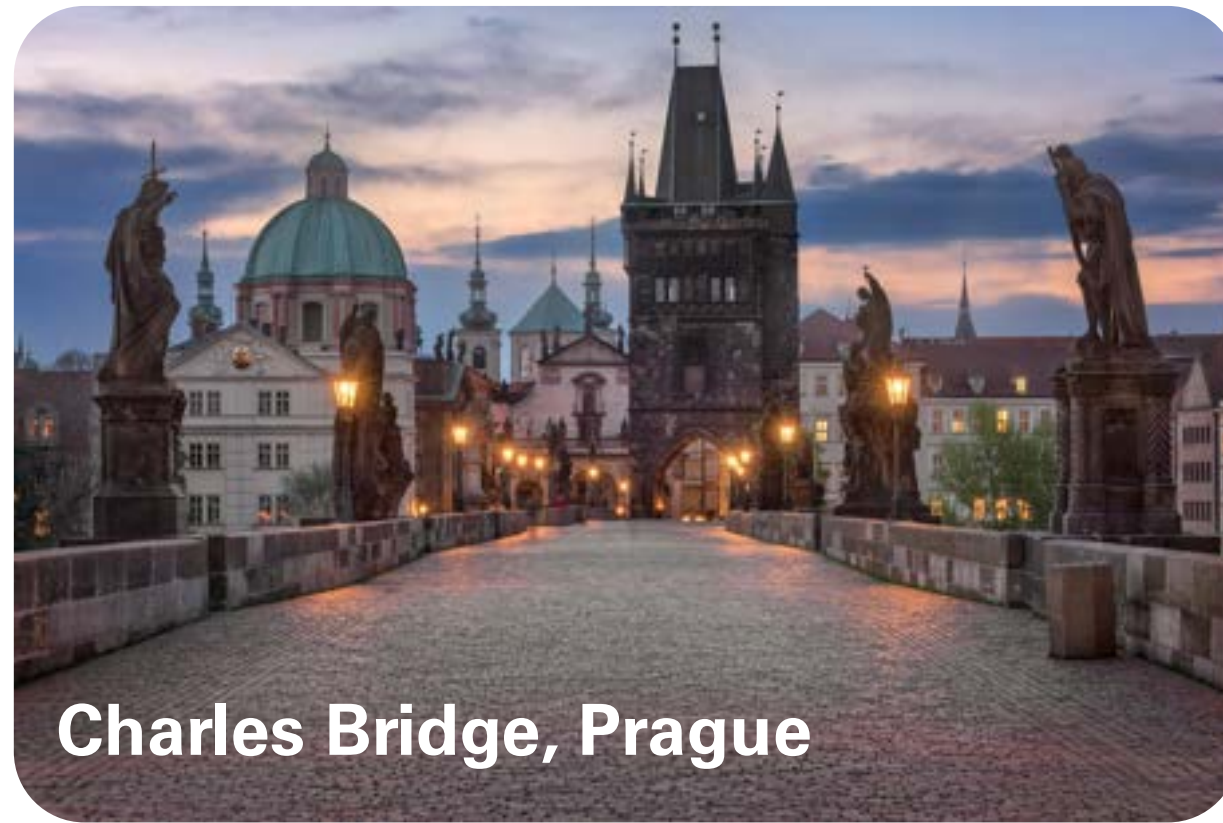
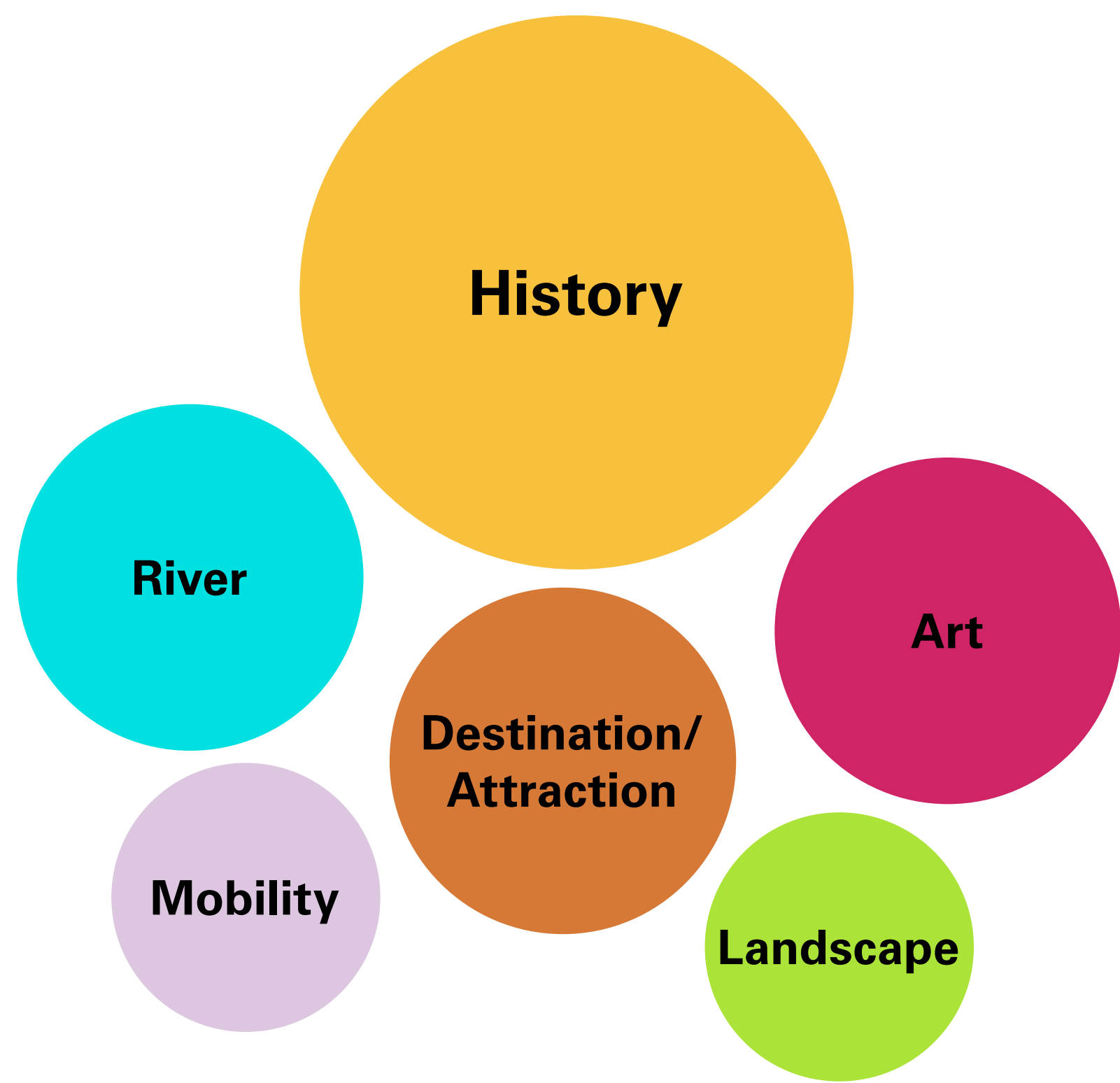


The Everyday



Cultural Histories

The Layered History of Rochester and the River



What Do You Like Most About This Scenario?

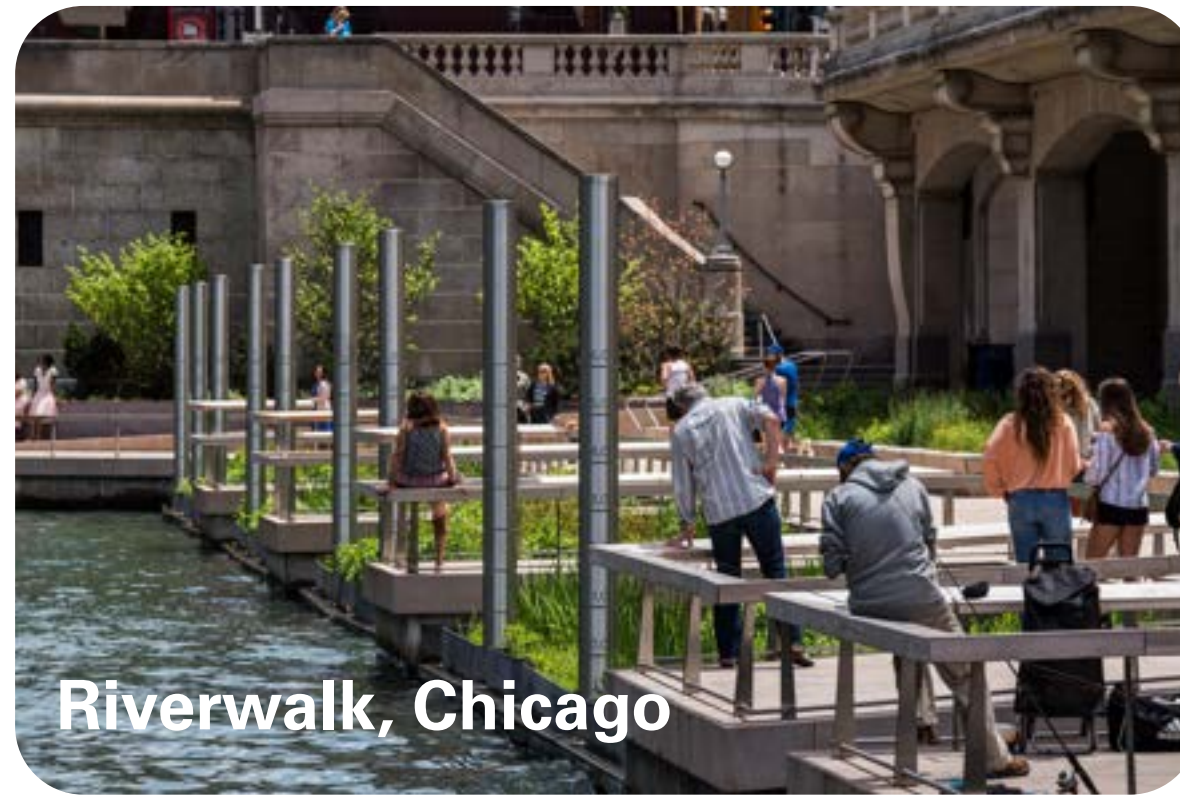
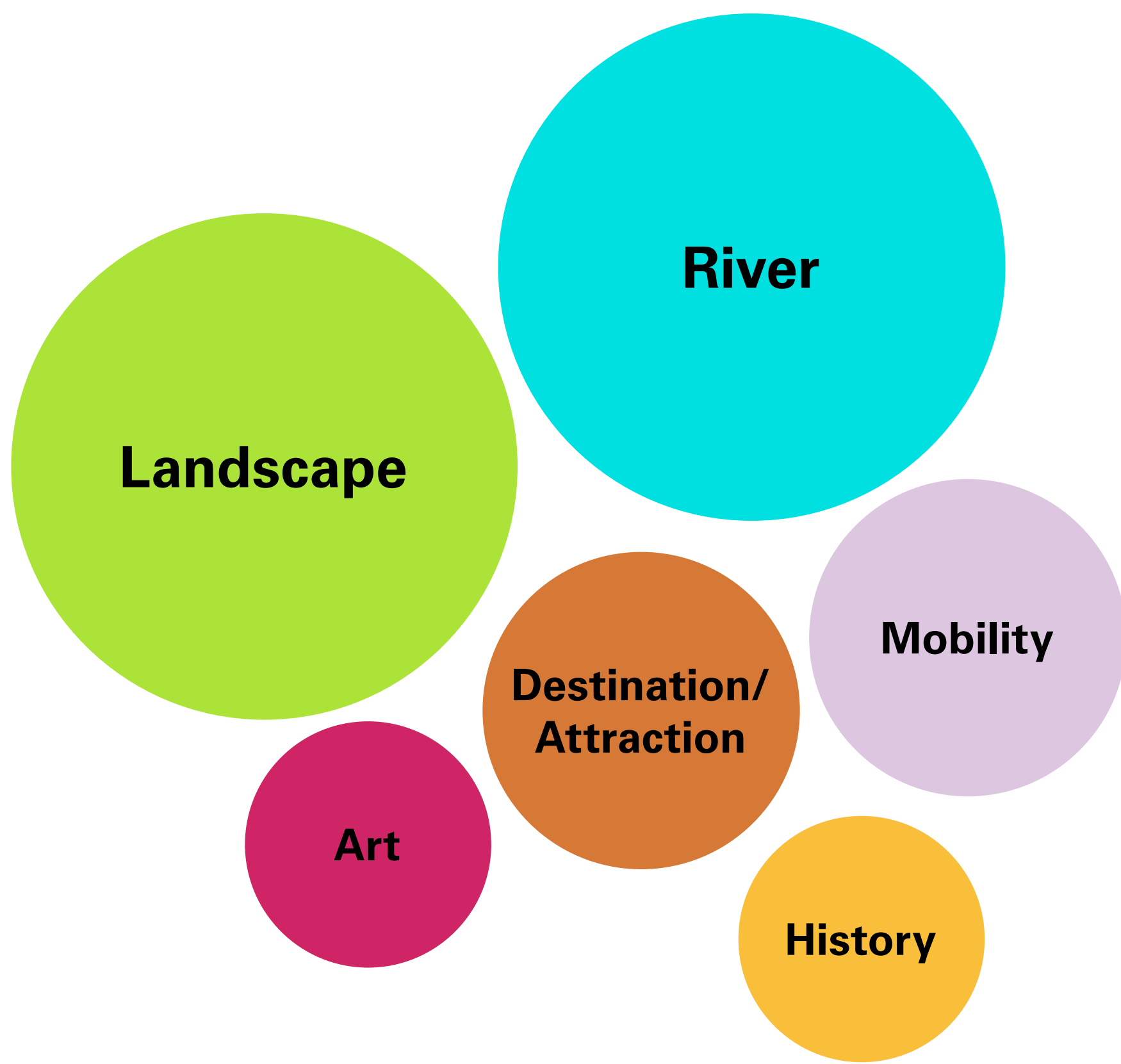
(for instance: lighting, seating, shade, etc.)

What Activities Would You Like to See in this Scenario?

(for instance: people watch, running, making art, etc.)

Green River Ecology

Aqueduct as River Ecology Park



What Do You Like Most About This Scenario?

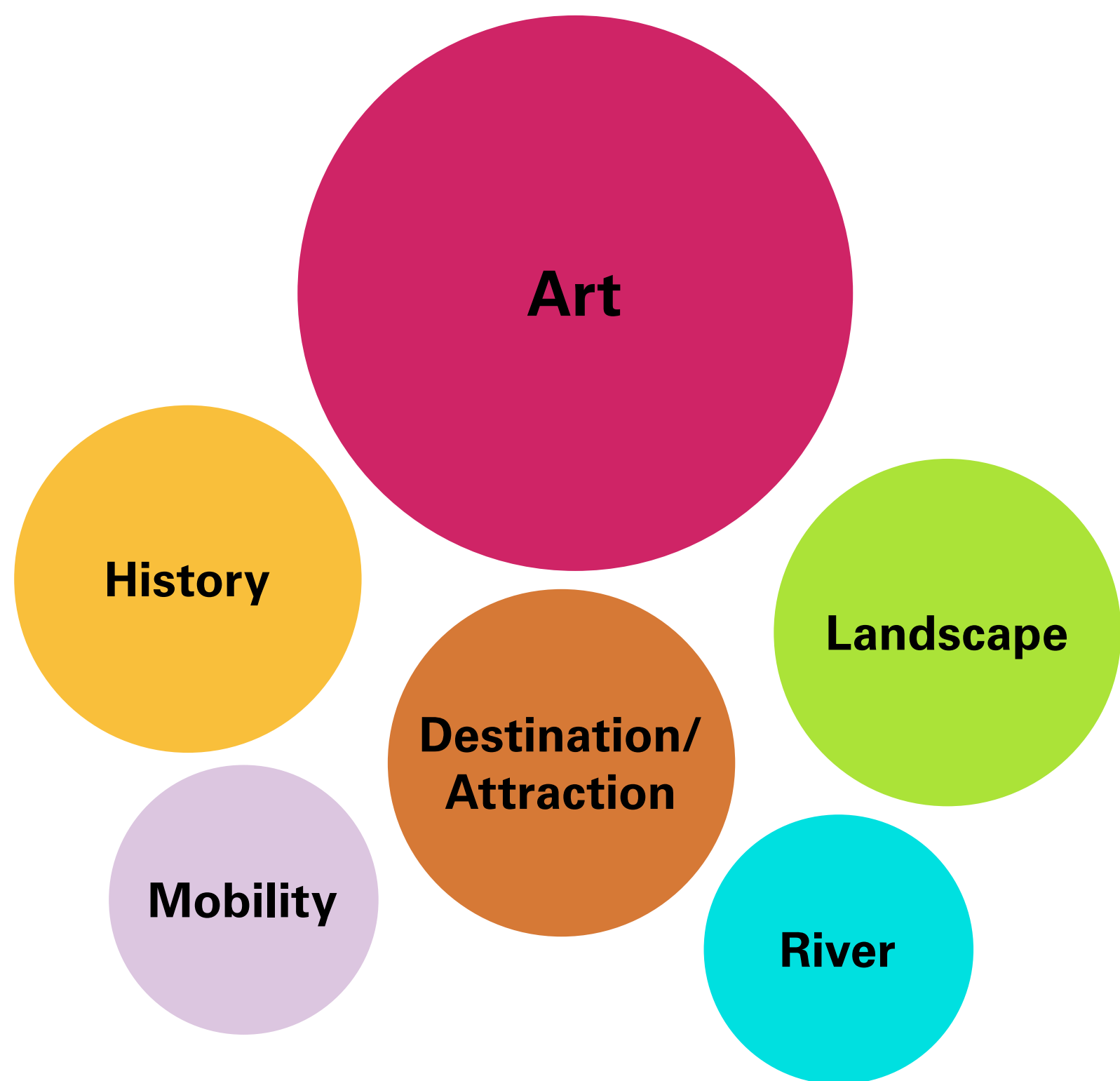
(for instance: closeness to nature, natural shading, etc.)

What Activities Would You Like to See in this Scenario?

(for instance: people watch, listening to the river and nature, etc.)

Creative Arts

A Living Museum (Display/Create/Perform)



What Do You Like Most About This Scenario?

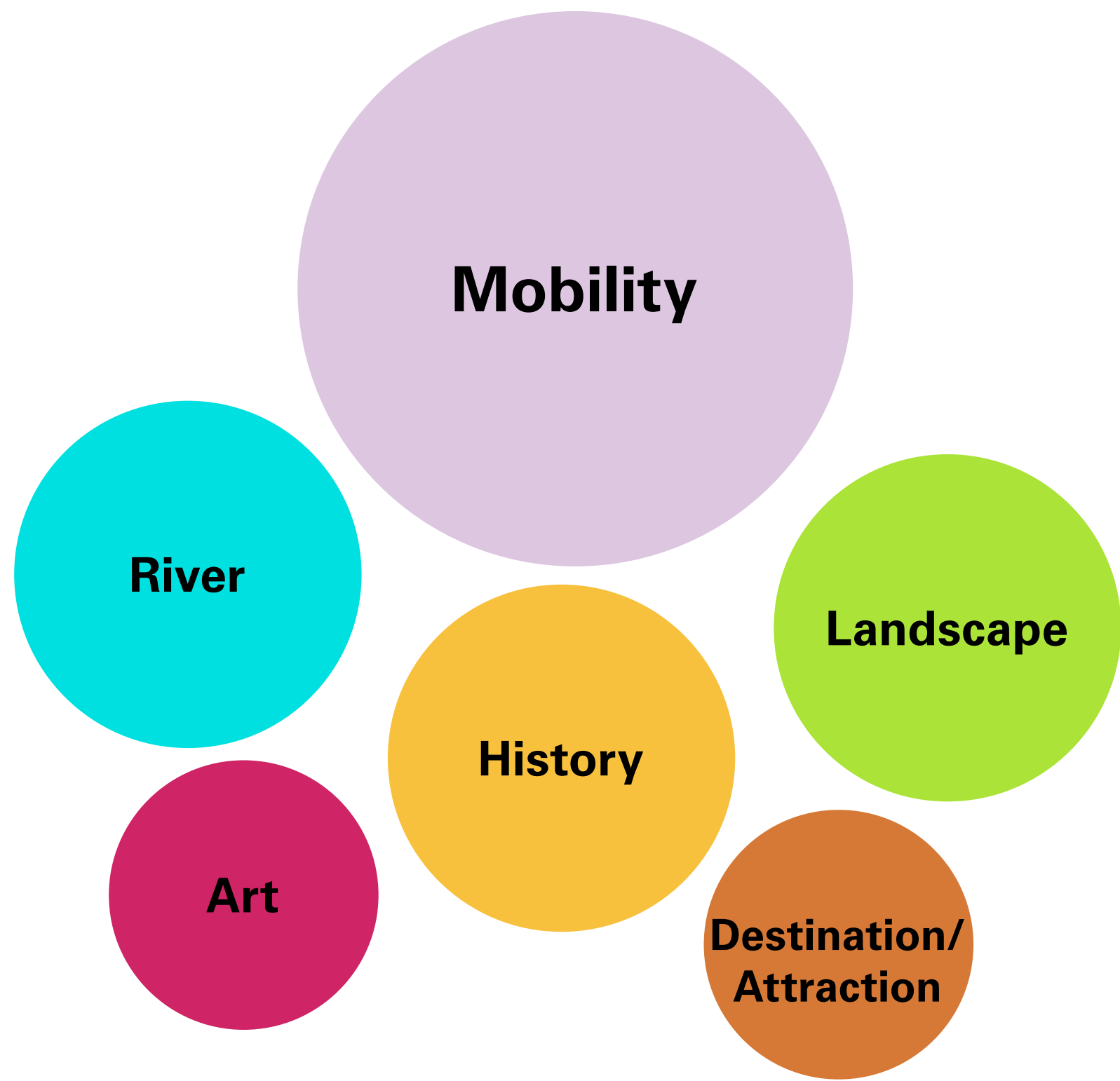
(for instance: preserved art, new art spaces, enclosed spaces, etc.)

What Activities Would You Like to See in this Scenario?

(for instance: people watch, learning, making art, etc.)

Connector

Connecting People, Neighborhoods, and Destinations



What Do You Like Most About This Scenario?

(for instance: designated bike and pedestrian spaces, vegetation, etc.)

What Activities Would You Like to See in this Scenario?

(for instance: people watch, running, biking, etc.)

The Everyday

Downtown's Neighborhood Park for the Everyday



What Do You Like Most About This Scenario?

(for instance: play elements, seating, shade, etc.)

What Activities Would You Like to See in this Scenario?

(for instance: people watch, running, making art, etc.)

The Destination

A Space for Celebration and Gathering



What Do You Like Most About This Scenario?

(for instance: observation areas, seating, shade, etc.)

What Activities Would You Like to See in this Scenario?

(for instance: large events, small gathering spaces, etc.)

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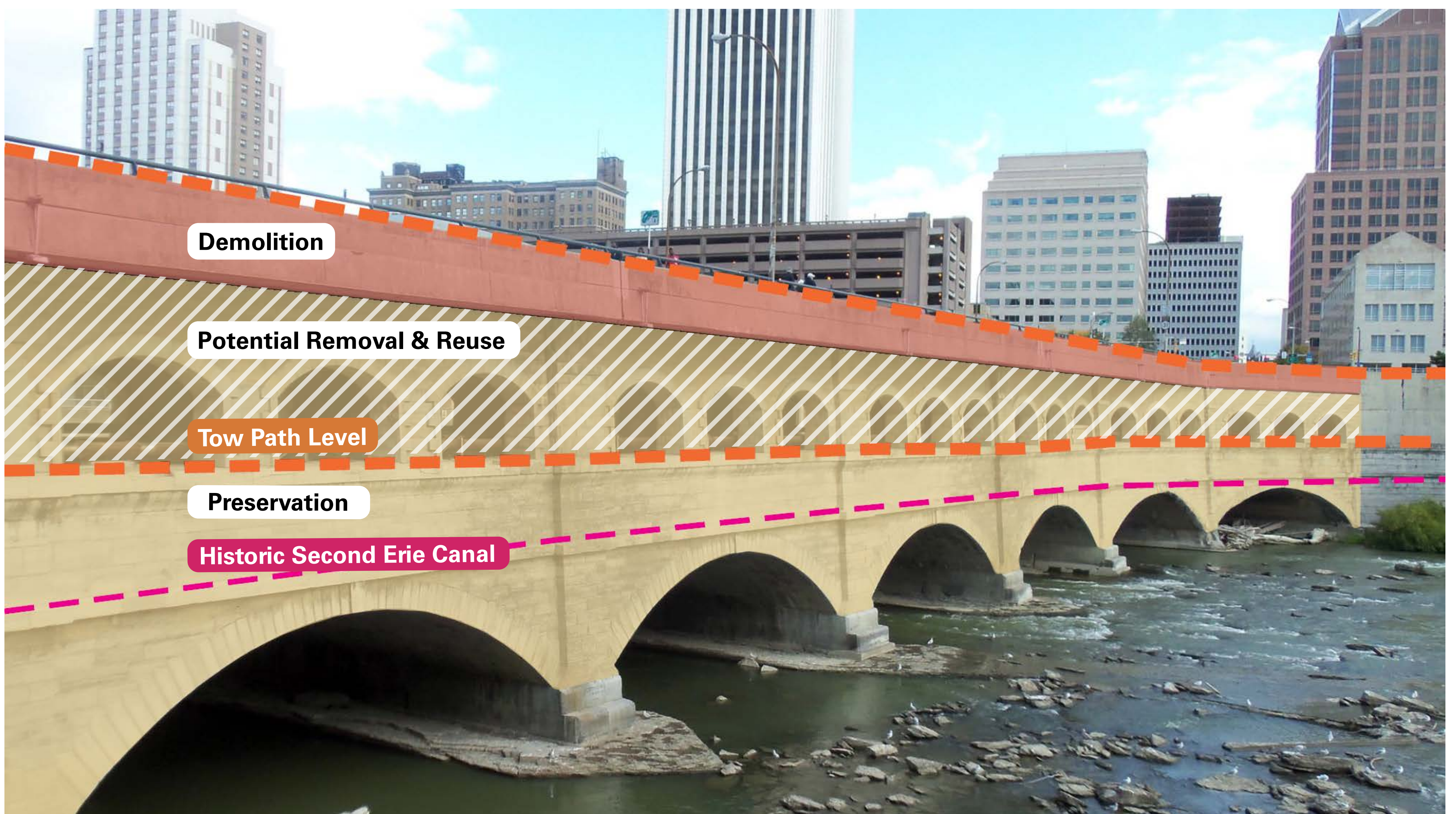
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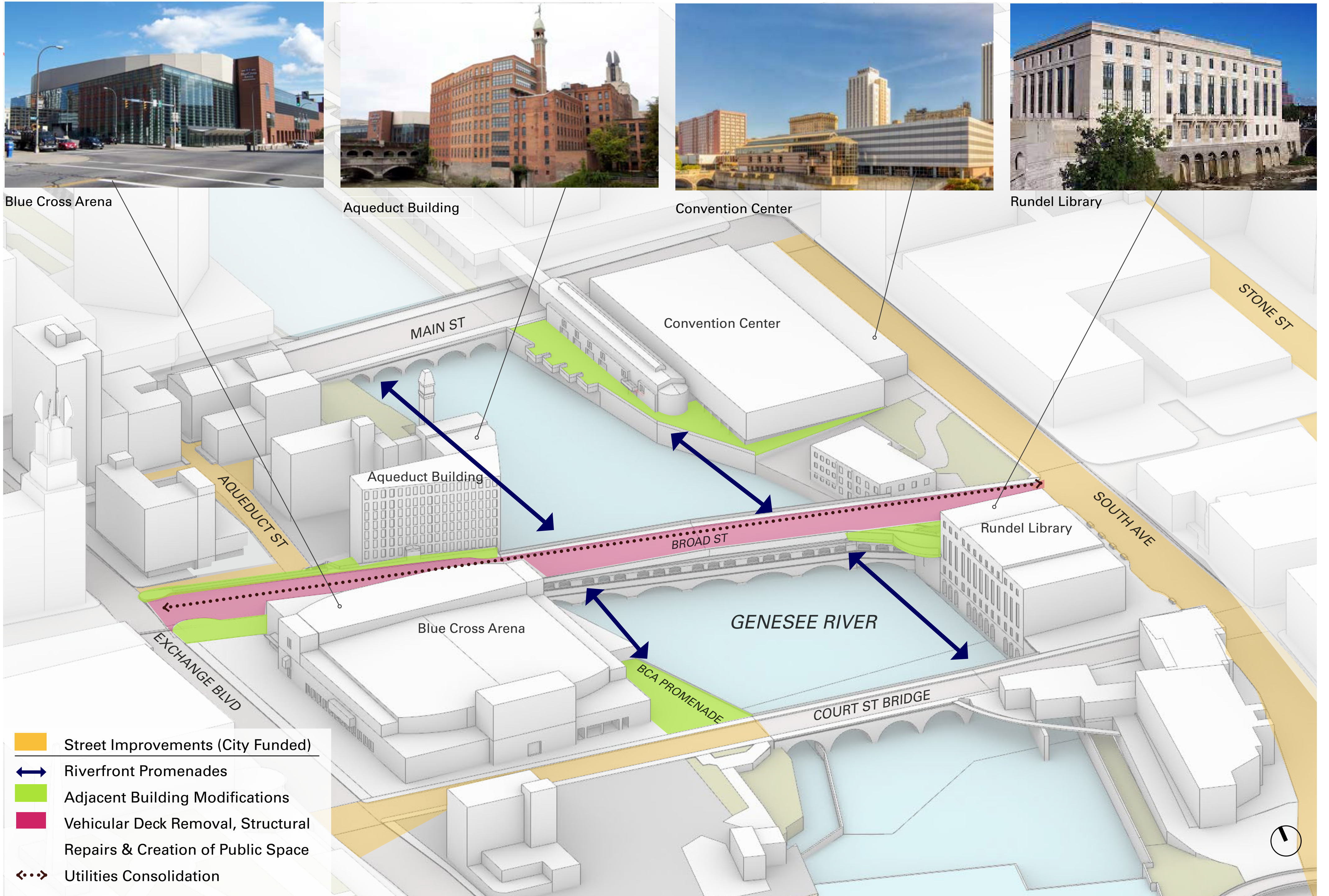
The Reimagined Aqueduct must be a place that considers...



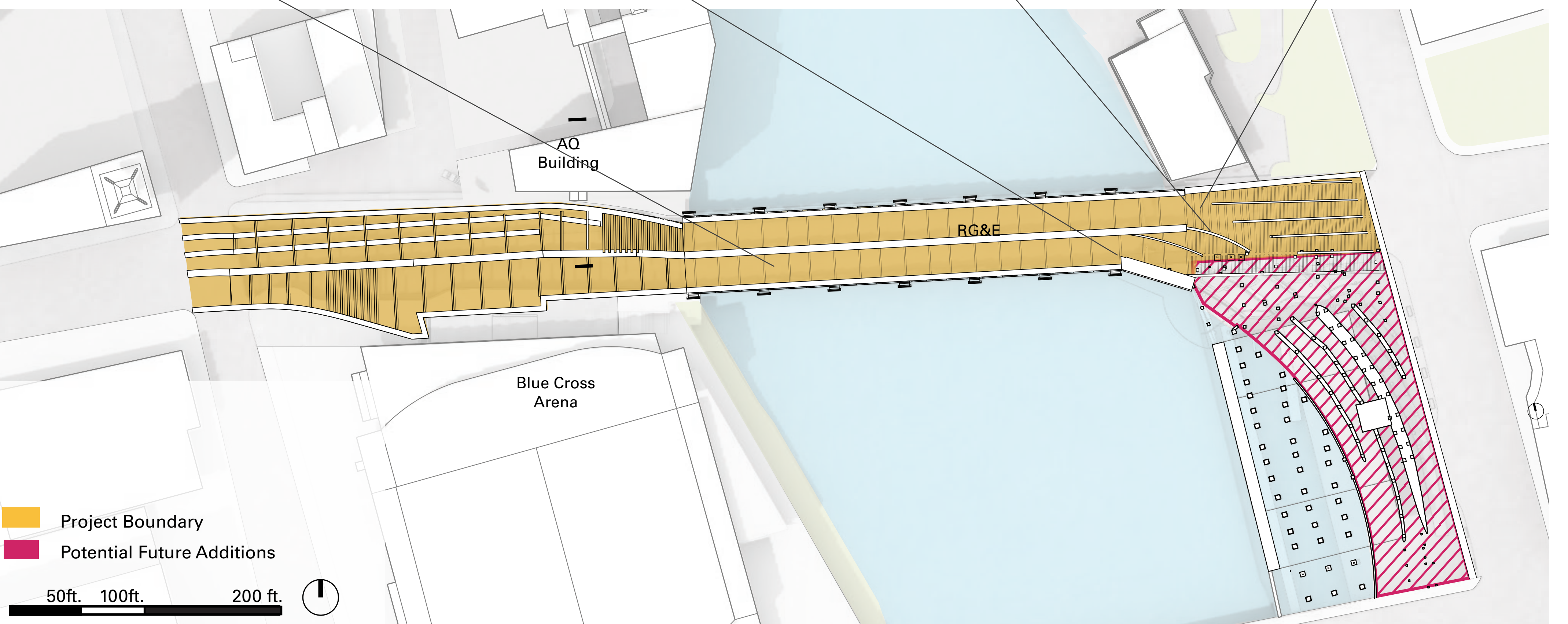
Other considerations and ideas are open for discussion!



Project Scope and Extents



PROJECT SCOPE



SITEPLAN - SUBWAY LEVEL

Project Timeline and Engagement

Summary of Key Engagements

Public Meetings:

- Public Open House - 4/30
- City Hall Open House - 5/26

Stakeholder Engagement:

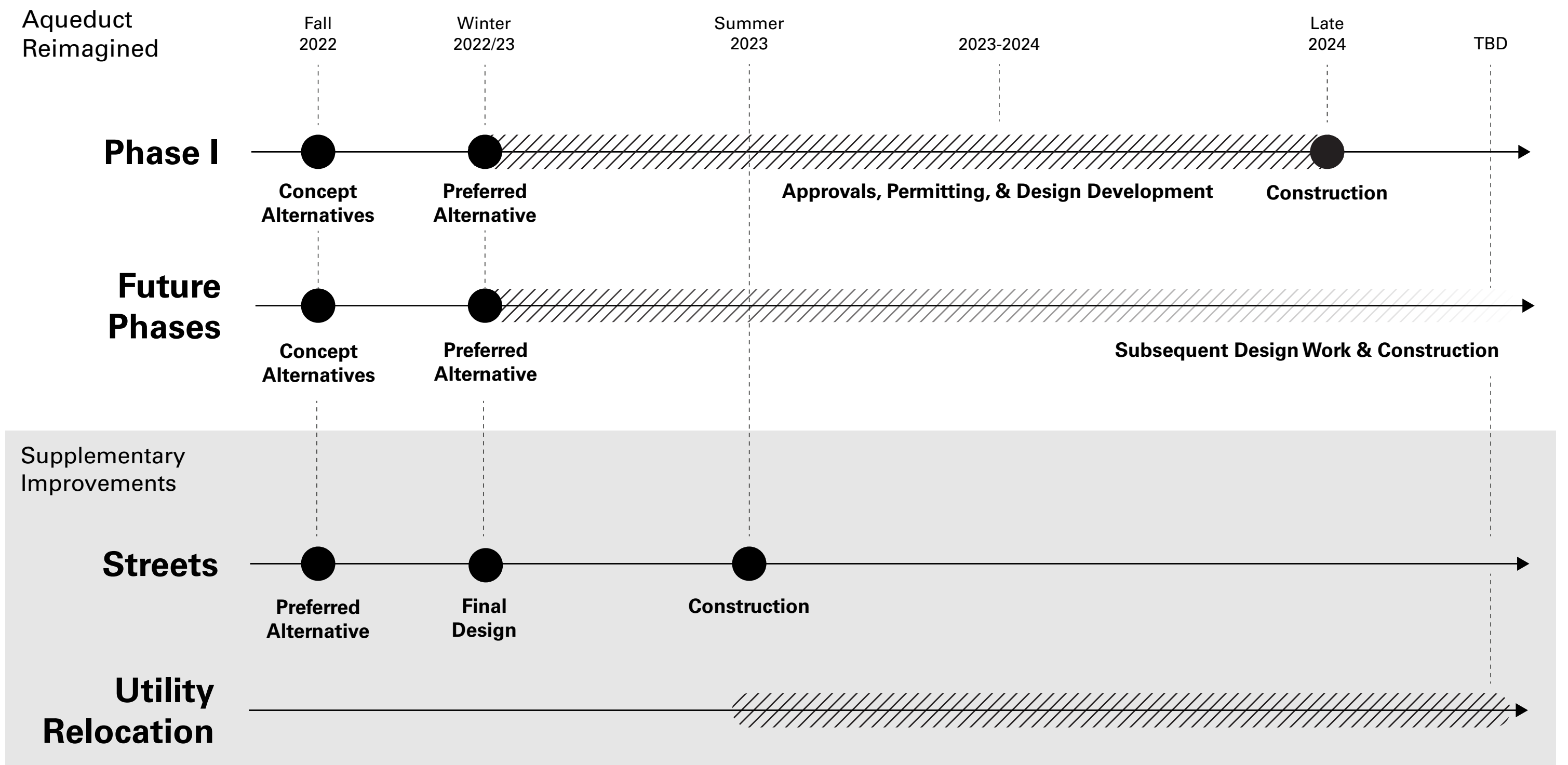
- Youth Engagement at Central Library - 4/27
- Erie Canalways Council Meeting - 6/15
- WallTherapy Meeting - 6/27
- Subway Tour with Mayor Evans - 7/7

Pop-Ups:

- Jazz Festival - 6/23
- Party in the Park - 7/7
- Corn Hill - 7/9
- Pride Festival - 7/10
- Midday Lunch Bash - 7/14

Online Engagement:

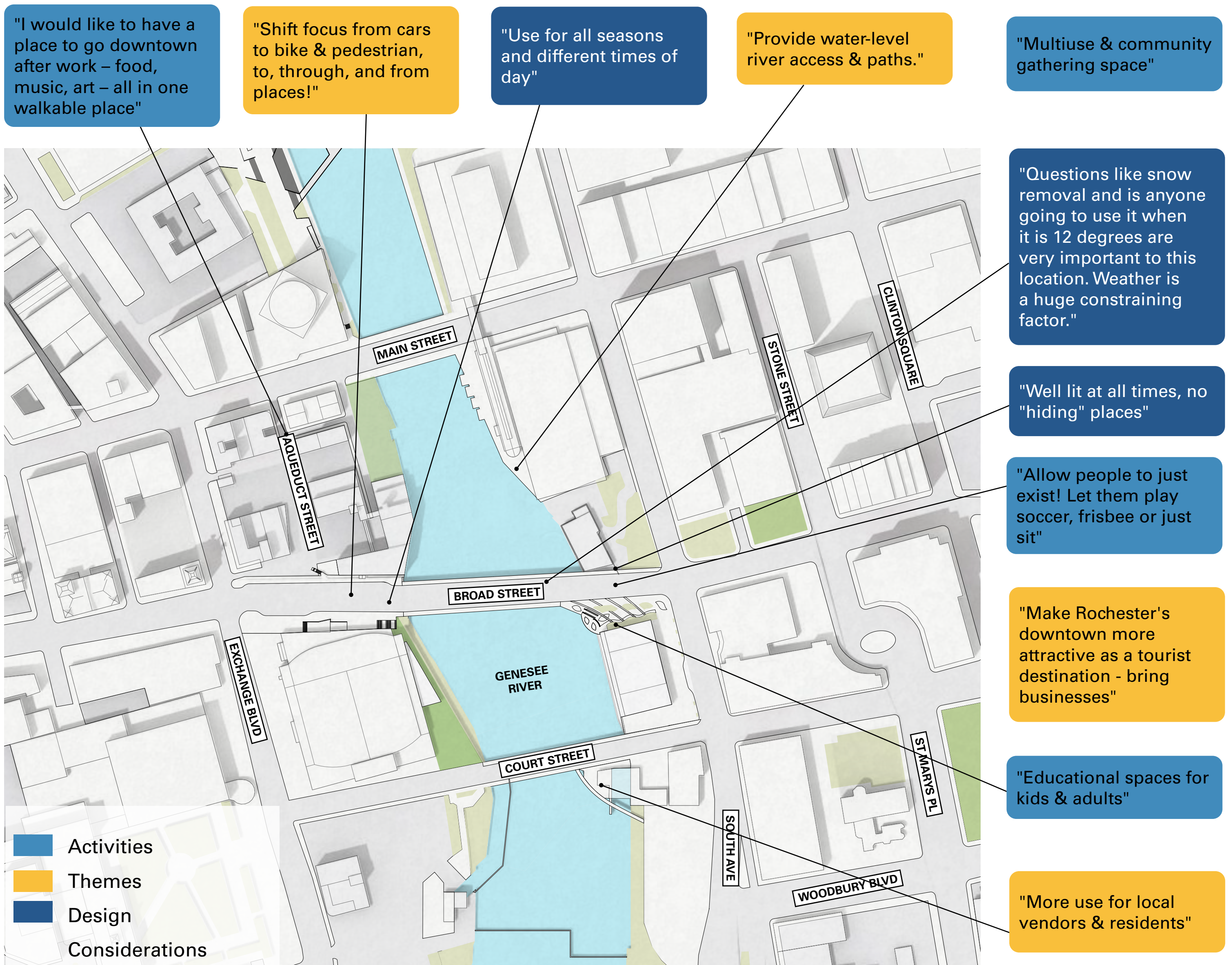
- Project Website (www.ROCtheAqueduct.com)
- Survey
- Social media



Key Takeaways from the First Open House

{200+ Attendees}

- Connection to the Genesee River
- Improve pedestrian and bicycle facilities and mobility
- Public art and its legacy in this location is an essential piece of the Aqueduct's character.
- Additional Stakeholder groups identified: Homeless community; displaced families; cycling community, etc.
- Water feature is important
- Year-round space
- Honor history, including Indigenous communities
- Programming: food / beverage options; arts and music; kid-friendly activities



Upcoming Engagements

Sunday, October 2nd @ Broad Street Bridge
1 PM - 4 PM

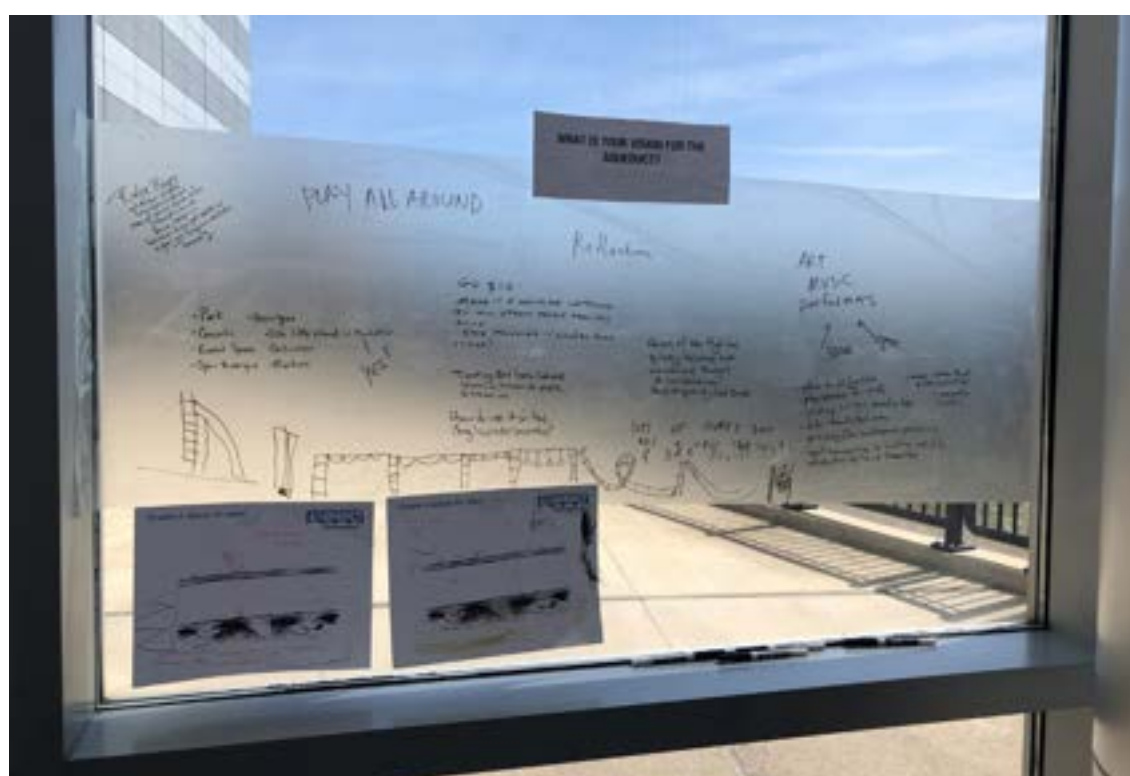
Pop-Ups:

- Midday Lunch Bash - 8/11; 9/7
- Puerto Rican Festival - 8/4

Online Engagement:

Survey

ROCtheAqueduct.com/online-survey



Project Values, Objectives & Physical Considerations

Who Are We Designing For?



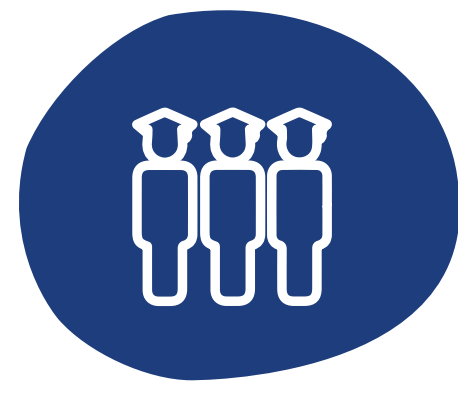
Seniors



ADA



Homeless & Displaced Families



Students



Residents & Neighborhoods

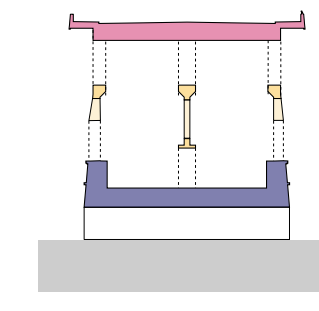


Low Income Neighbors

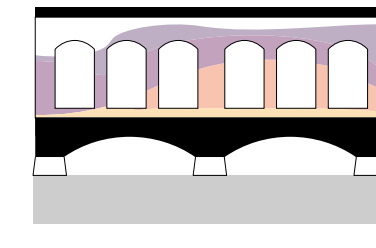
Community



Reclaim the Aqueduct for People



Reveal & Preserve the Historic Aqueduct



Reveal Graffiti Art on the Historic Upper Arches



Represent Rochester's Diverse Populations

Economy



Support and Grow Local Businesses through Programming



Design and Program a Destination for Rochesterians and Visitors



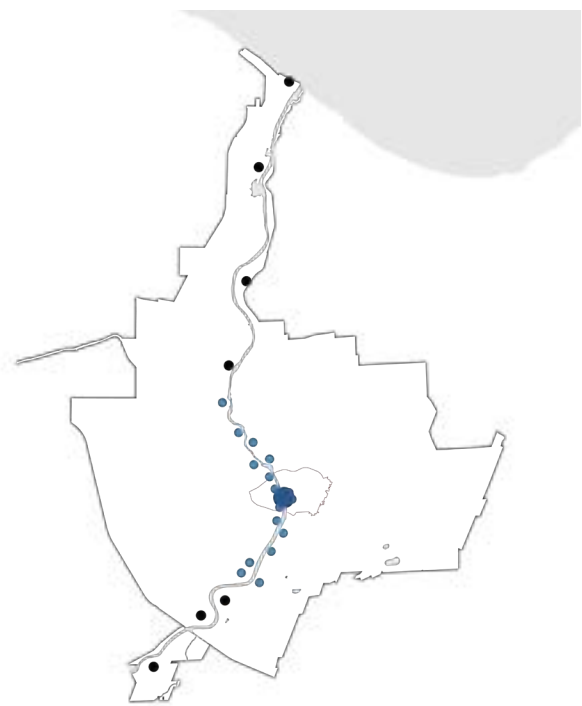
Design with Long Term Maintenance and Stewardship in Mind



Support Inclusive Development and Population Growth without Displacement

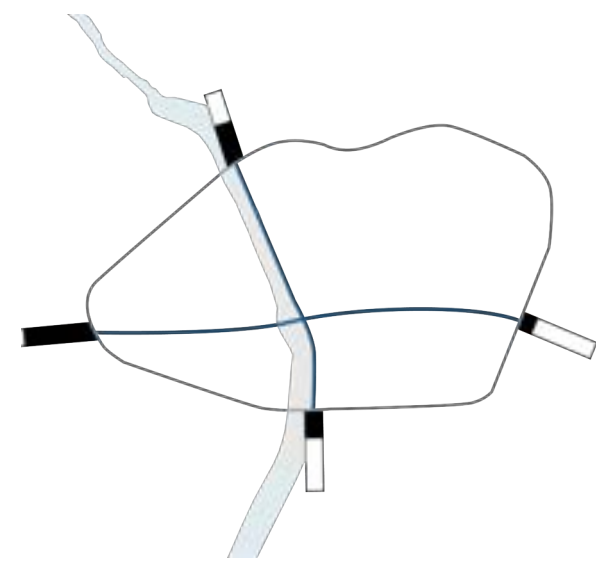
Place

Regional / Genesee River Scale



Complete Regional System
Complete the Genesee Riverway Trail System

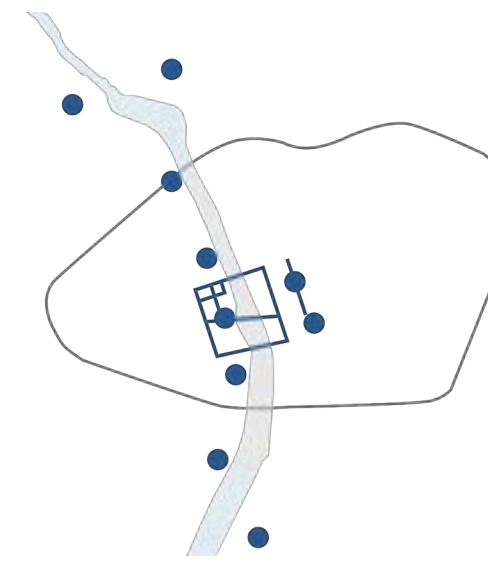
Inner Loop Scale



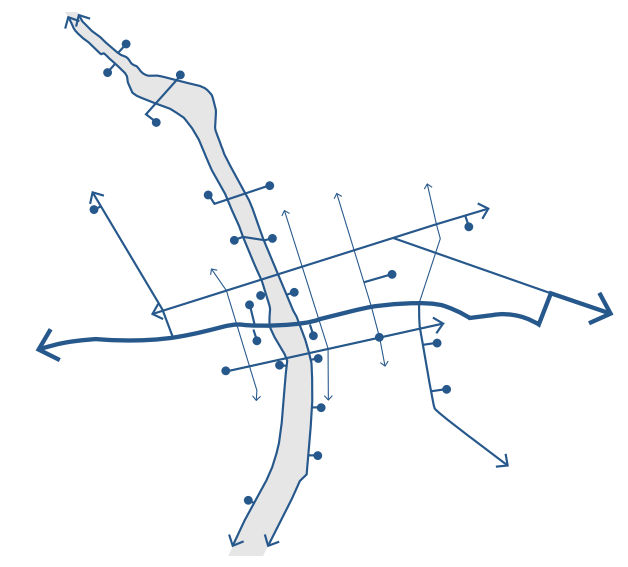
Bridge Divides
Connect Across Racial Divides at the Heart of the City



Repair Harm
Celebrate and Amplify Histories Lost to Urban Renewal



Complete Existing Trail Networks
Complete and Connect ROC the Riverway

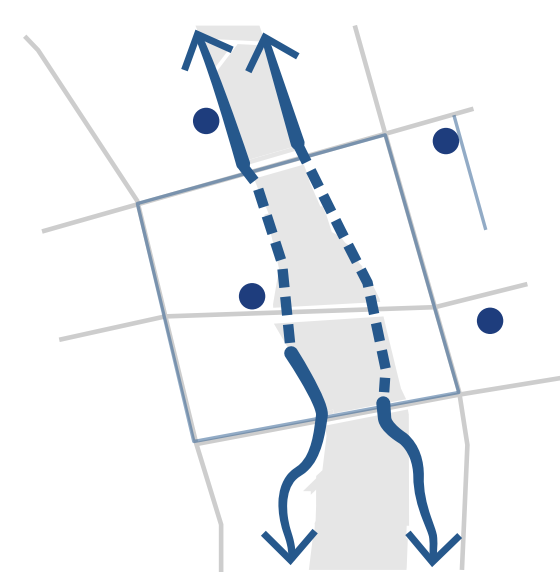


Complement Other Programs
Create a Network of Inner Loop Cultural Community Destinations

District Scale

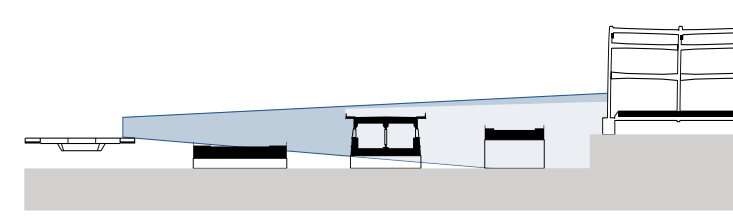


Create a Local Destination community event space to celebrate aspects of the city's history, present & future



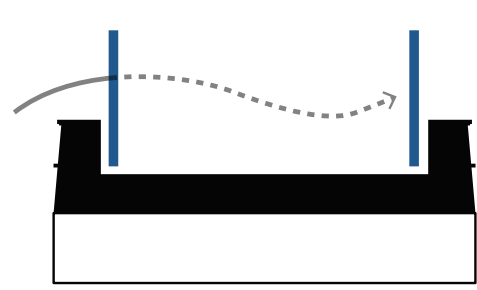
Complete The Genesee Riverway Network
Complete existing cultural and riverway trails on both the east and west of the river

Aqueduct Scale

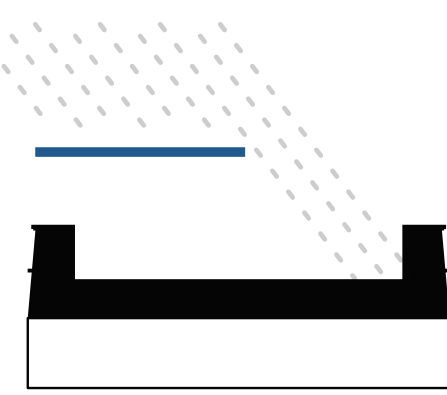


Restore Viewsheds
Create a visual tunnel along the Genesee river

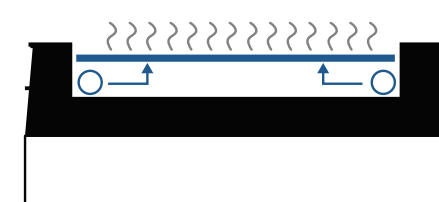
Comfort & Climate



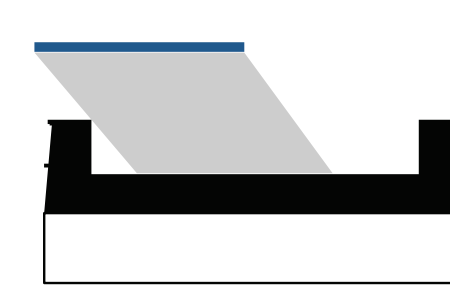
Providing protection from the wind, particularly for winter months. Potentially using existing structures and toe path height to our advantage.



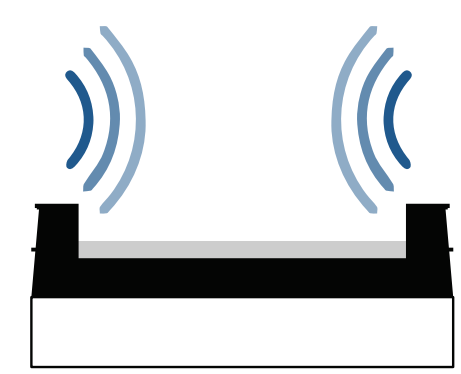
Providing some form of protection from rain and snow so as to have parts of the bridge usable throughout the year. This could be achieved by a combination of new and existing structures.



Achieving thermal comfort through the year, including winter. If possible utilizing the utilities like steam pipes that run through the bridge to our advantage for heating.



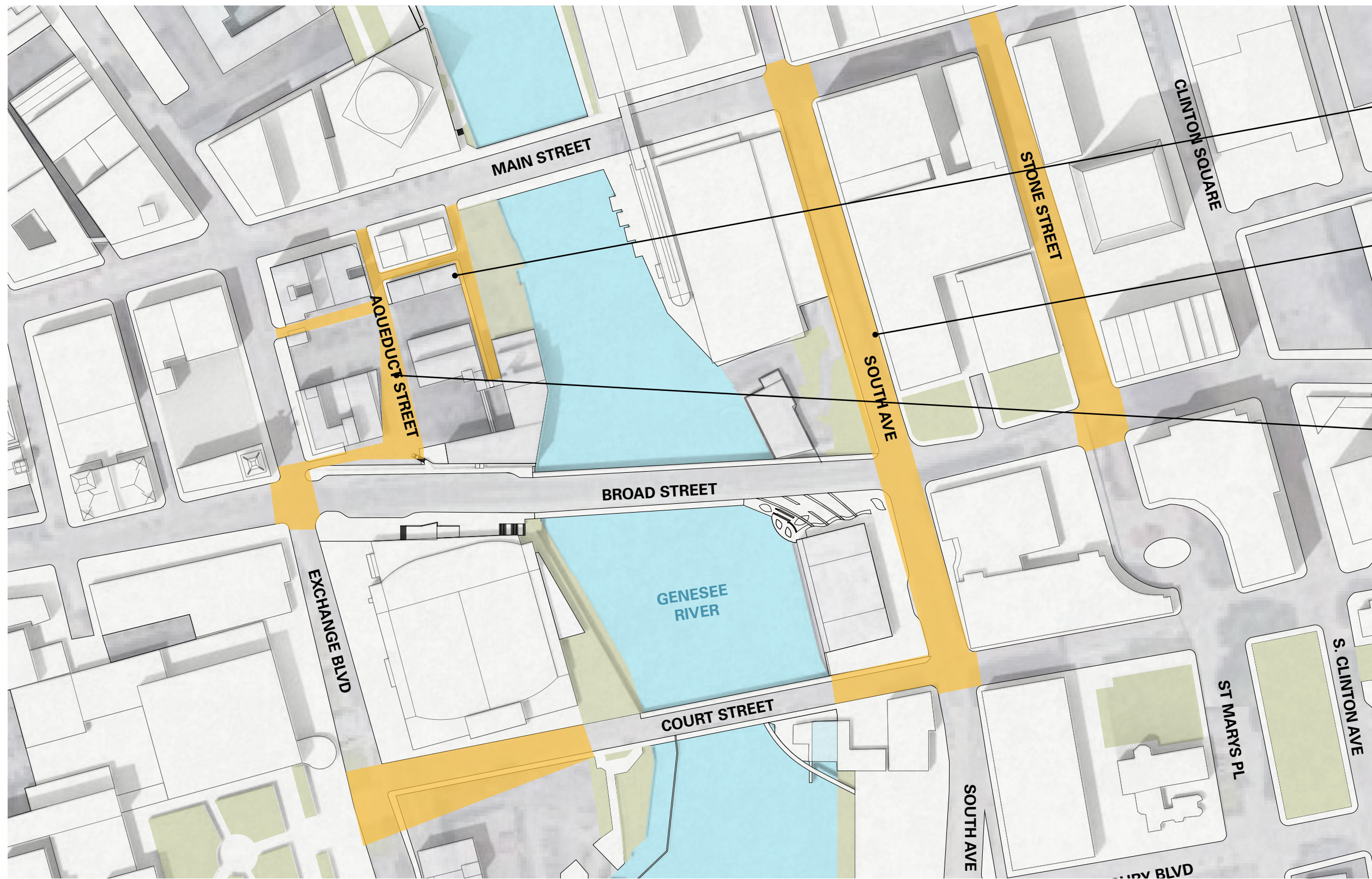
Sun shade for hot summer months and sun access for winter months.



The Genesee River can be heard well which offers the design opportunity to curate an audio relationship to the river.

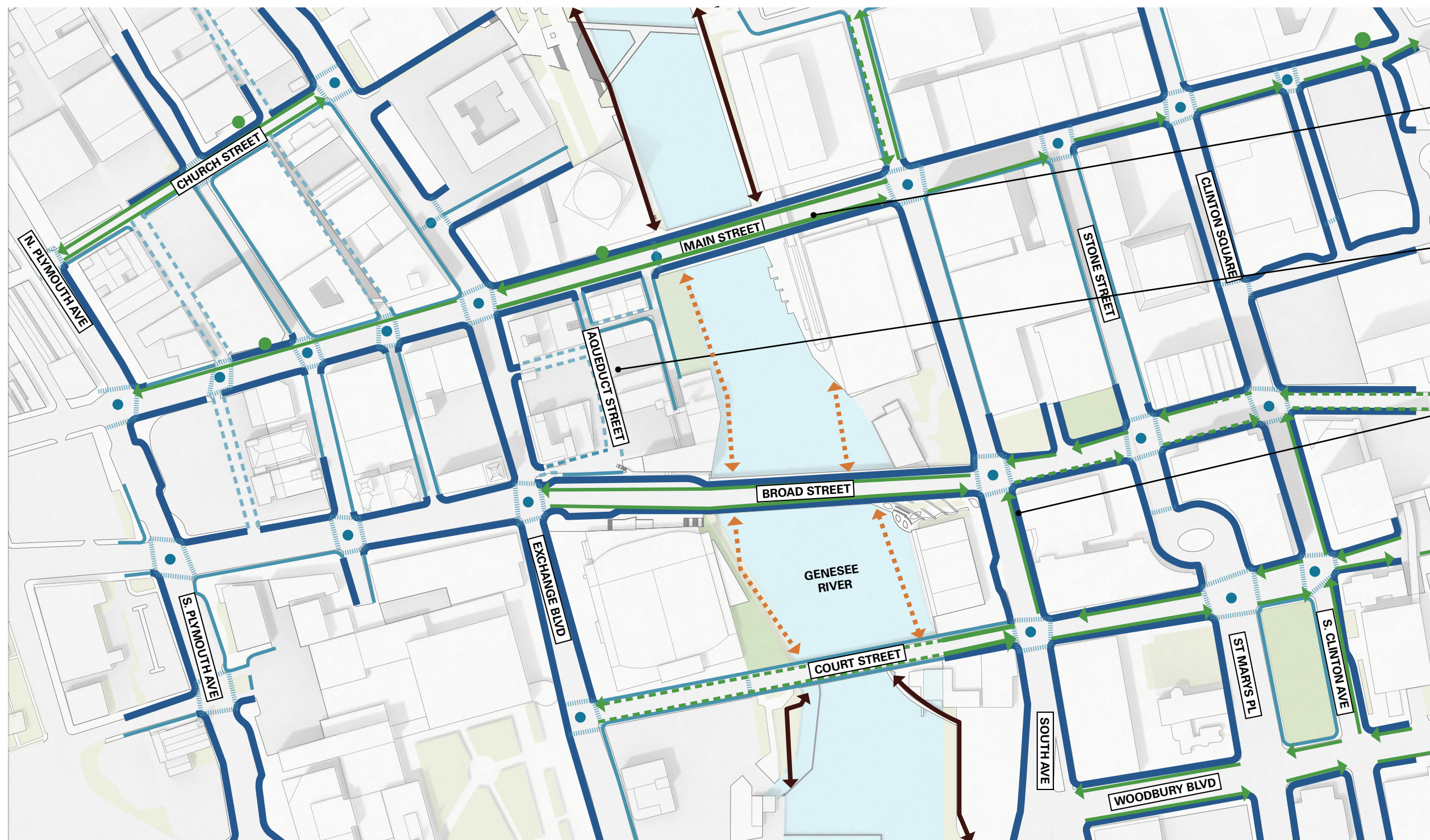
Larger Street Network Changes

Street Improvements Scope



- Main Street Improvements are Underway
- South Ave will undergo a two-way conversion between Main and Court Streets
- Aqueduct Street will be a one-way southbound curbside street

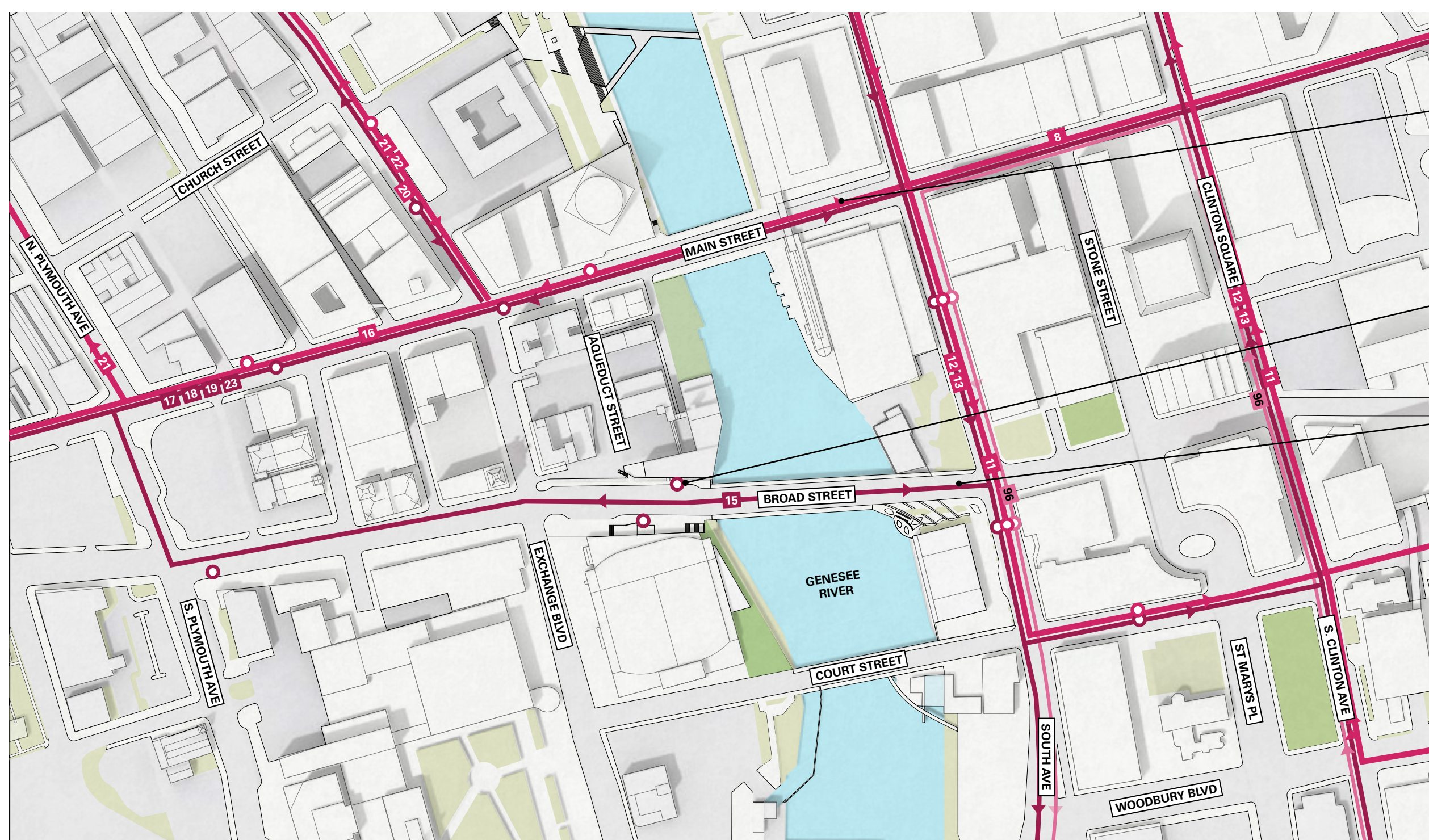
Bike & Pedestrian Network Changes



- Future Bike Connection
 - Bike Share Station
 - Shared Bike Use
 - Bike Lane
 - Heritage & Genesee Riverway Trails
 - Sidewalk <5'
 - Sidewalk 5-12'
 - Sidewalk > 12'
 - Crosswalk
 - Signaled Intersections
- 100ft. 200 ft. 400 ft.

- Main Street Bridge is incorporating bike lanes in both directions of traffic
- Aqueduct Street will be redesigned for shared and flexible use
- South Ave & Stone Street will accommodate bikes

Transit Network Changes



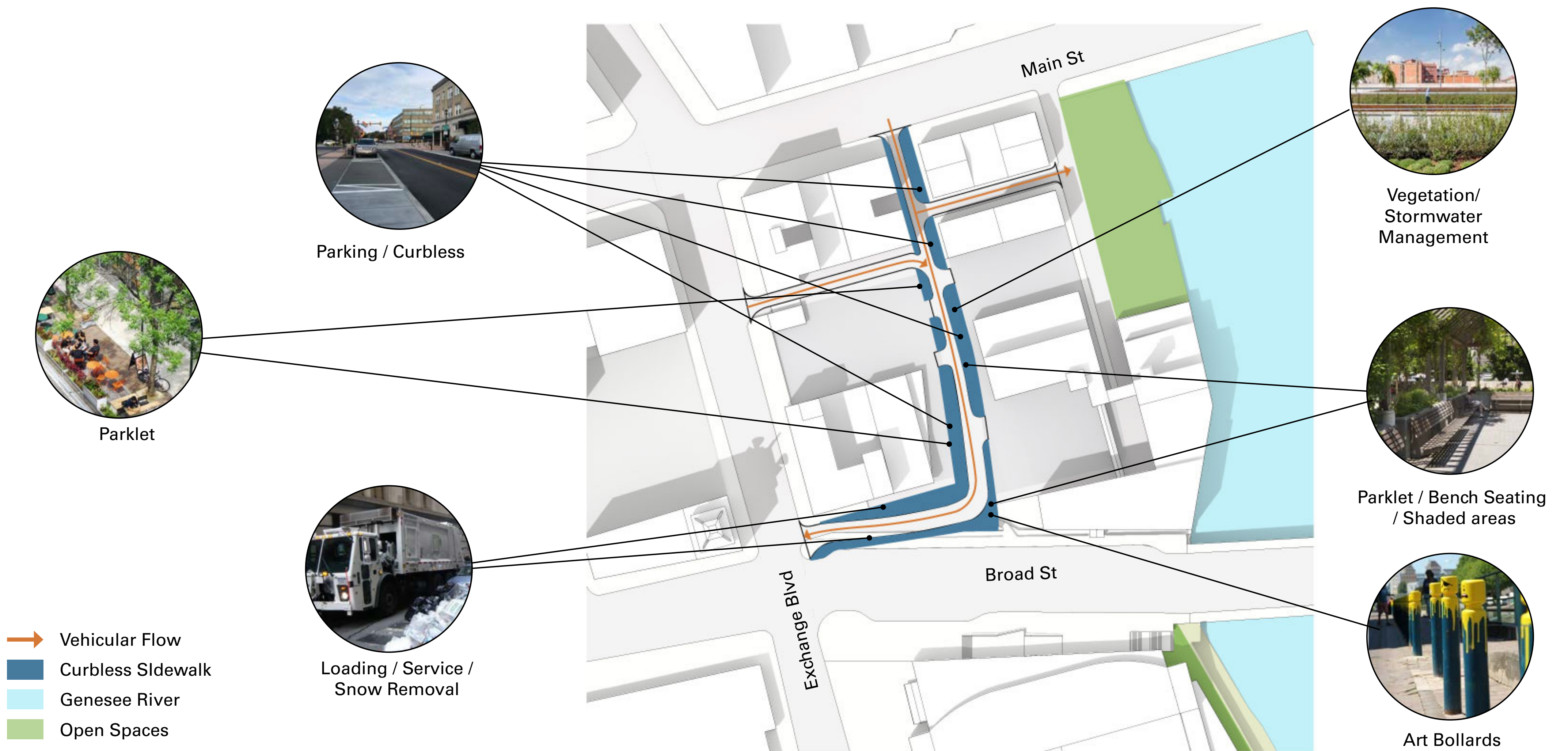
- Ridership (max/day)
 - Frequent Bus Service (15-30 mins)
 - Local Bus Service (30-60 mins)
 - Commuter Bus Service (1-2 Trips/Day)
 - Genesee River
 - Open Spaces
- 100ft. 200 ft. 400 ft.

- Main St Resurgence project will maintain bus routes and replace bus stops in same locations
- Relocate Bus Stops off Broad Street
- Reroute Bus Lines off Broad Street

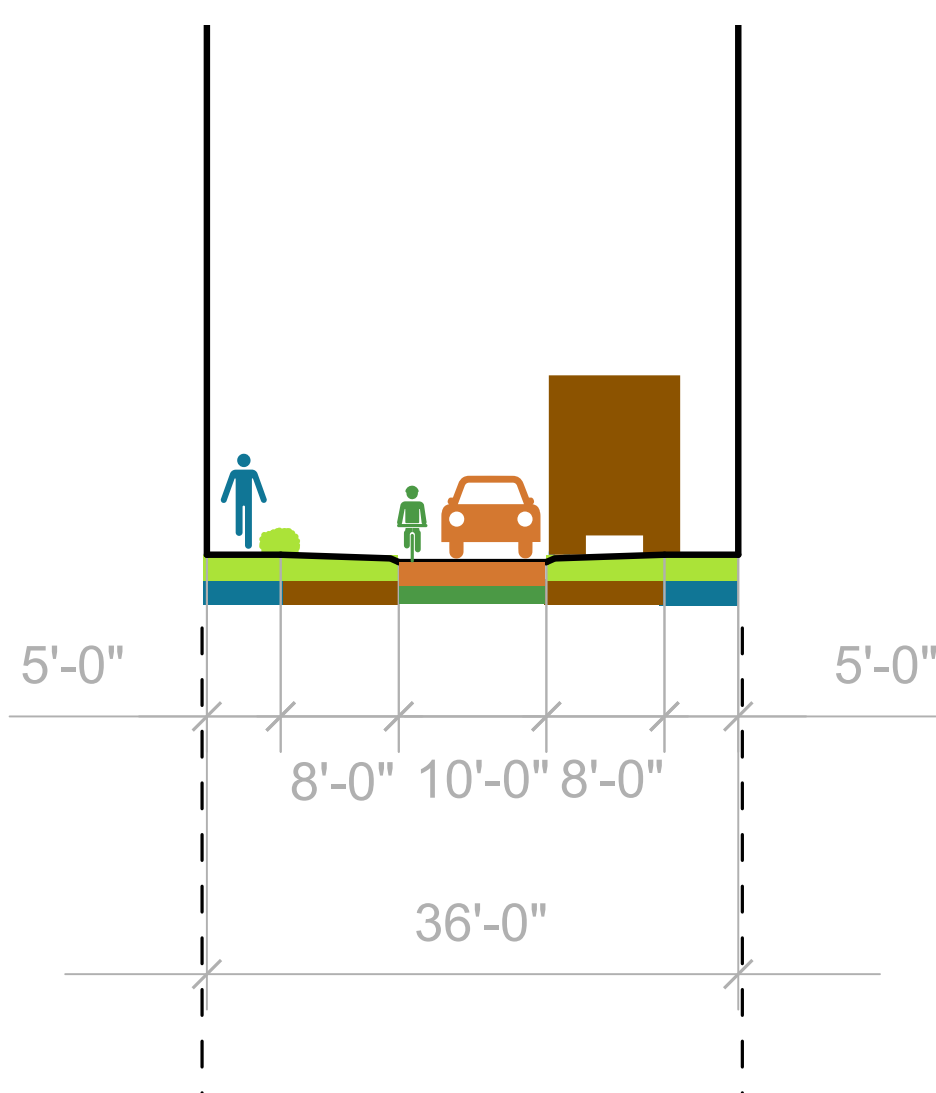
Vision for Aqueduct District Streets

One-Way Direction Change & Traffic Calming Strategies

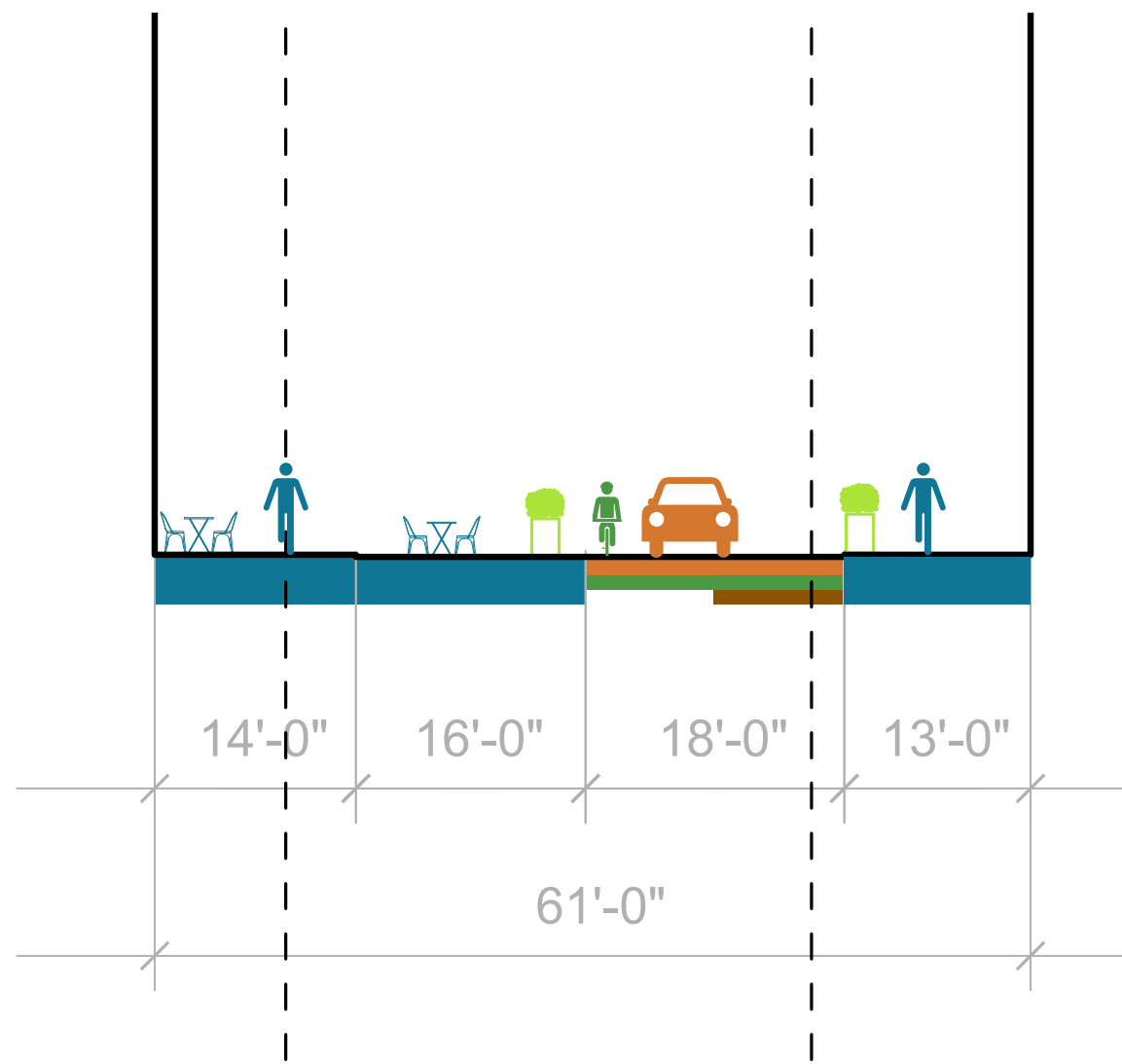
Areas highlighted in blue serve multiple functions to improve accessibility, provide stormwater management and vegetation spaces, protected seating and shading areas, and allow for maintenance, snow removal, loading, pick-up & drop-off, and parking needs.



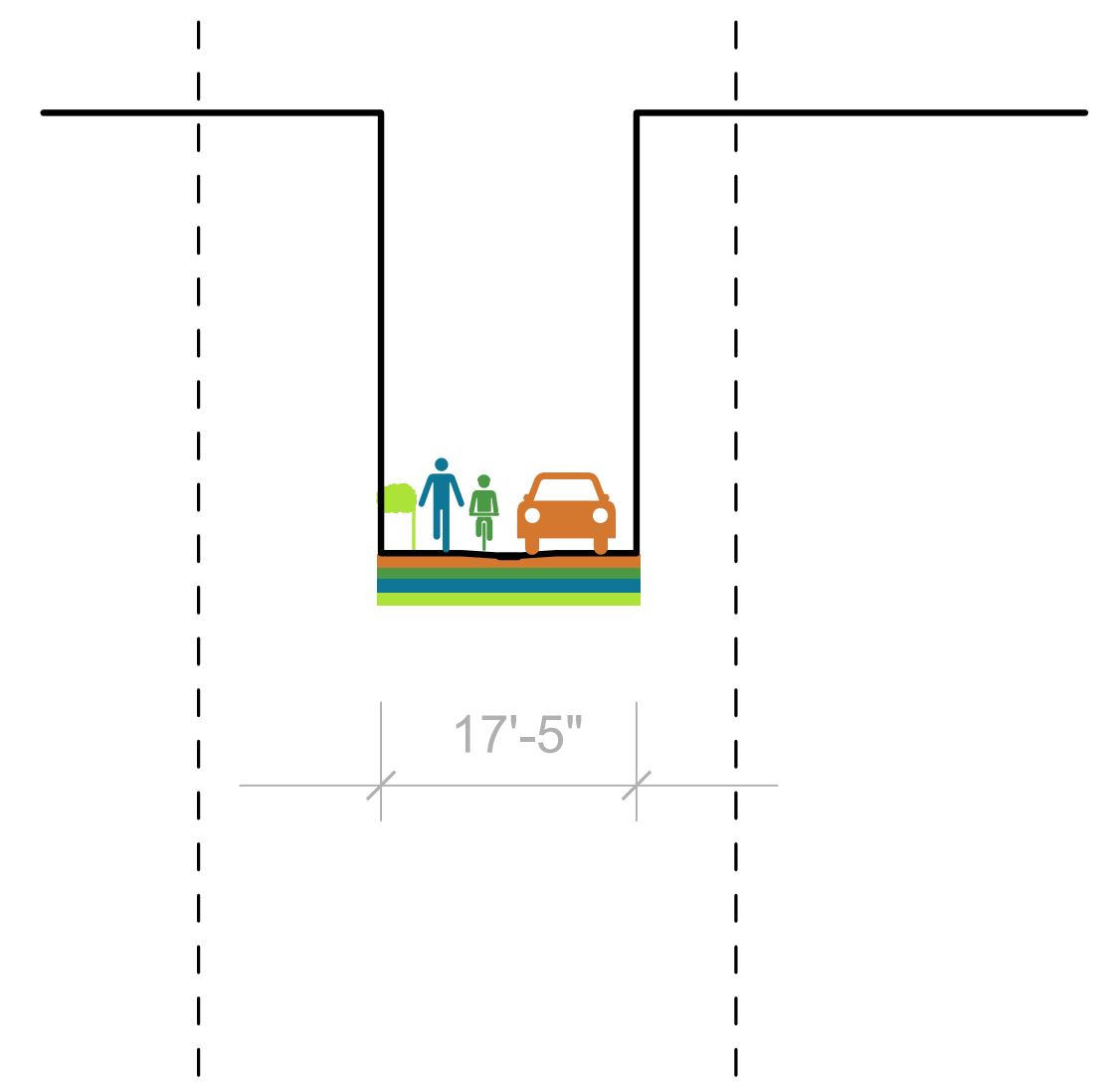
Pedestrian Priority Street Precedent Analysis



Aqueduct District



1. 43rd St Shared Street, NYC



2. Cady's Alley, DC

Public Realm Identities

Enhancing the Identity of Downtown Rochester Through Pedestrian Zone Improvements

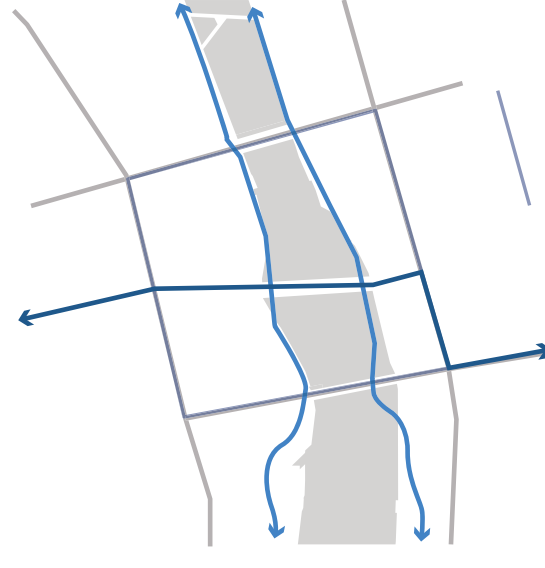
Street Network Design Principles



Create a Local Destination



Multi-Modal Streets



Connect Existing Trail Systems

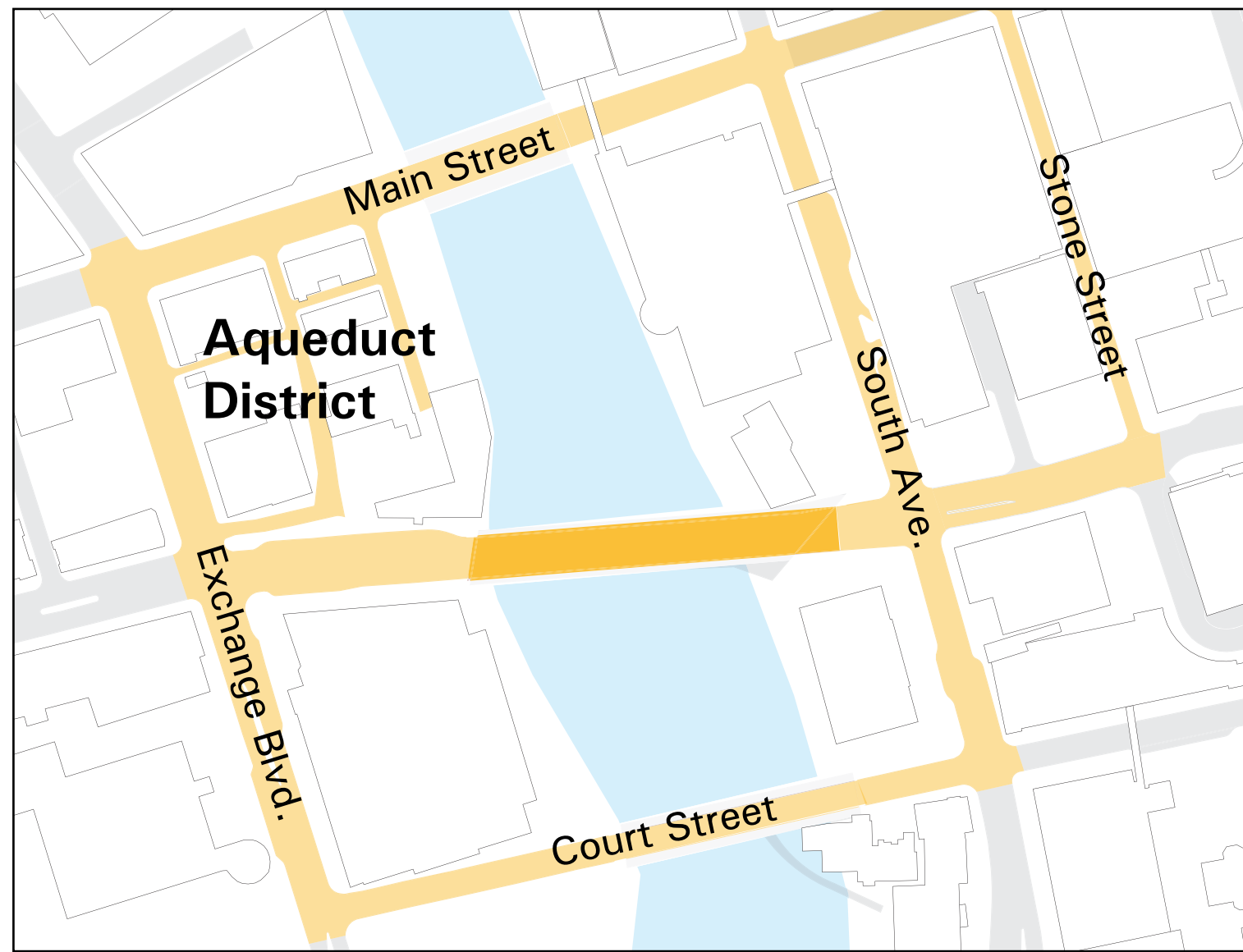


Complete a Riverfront Trail Network



Reclaim the Aqueduct for People

District Streets



Complete Street Precedents

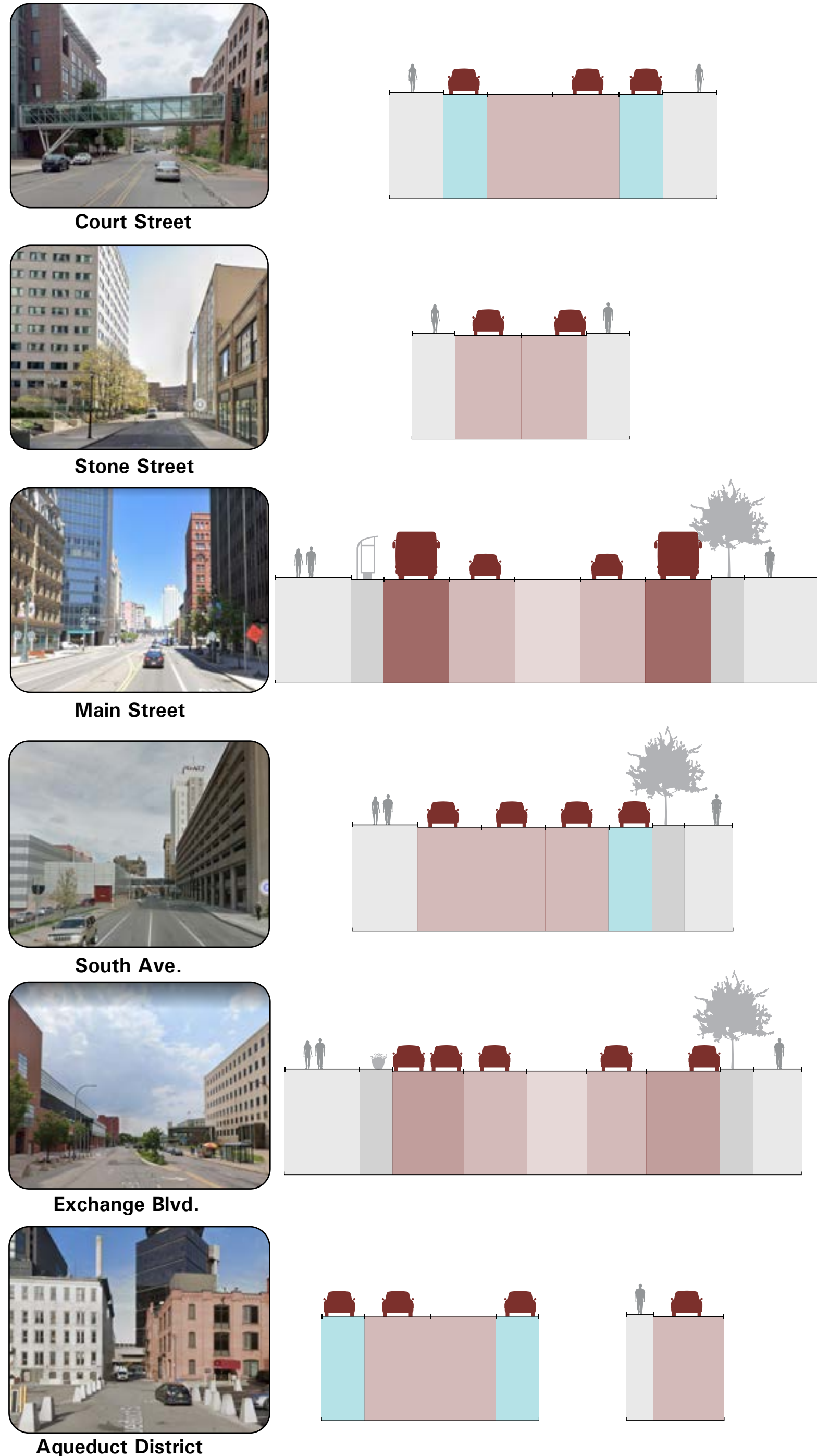


Travel Zone

Static Zone

Pedestrian Zone

Current Sections



One Way Protected Bike Lane



Vegetated Bump-Out



Seating and Planters



Two Way Protected Bike Lane



Bike Corral



Seating and Trees



Designated Transit Lane



Parklet



Sidewalk Restaurant Seating



Curbsless Street



Street Parking Buffer



Flood Preventing Bioswale



Protected Curbsless Street



Protected Curbsless Street



Public Art

Place a dot next to a complete street precedent you think Rochester should aspire to.

- Transit Stops/Street Furniture
- Sidewalk
- Designated Bus Lane
- Street Parking
- Turning Lane
- Vehicle Lane

A New Riverfront Street Network

Prioritizing pedestrian mobility over cars

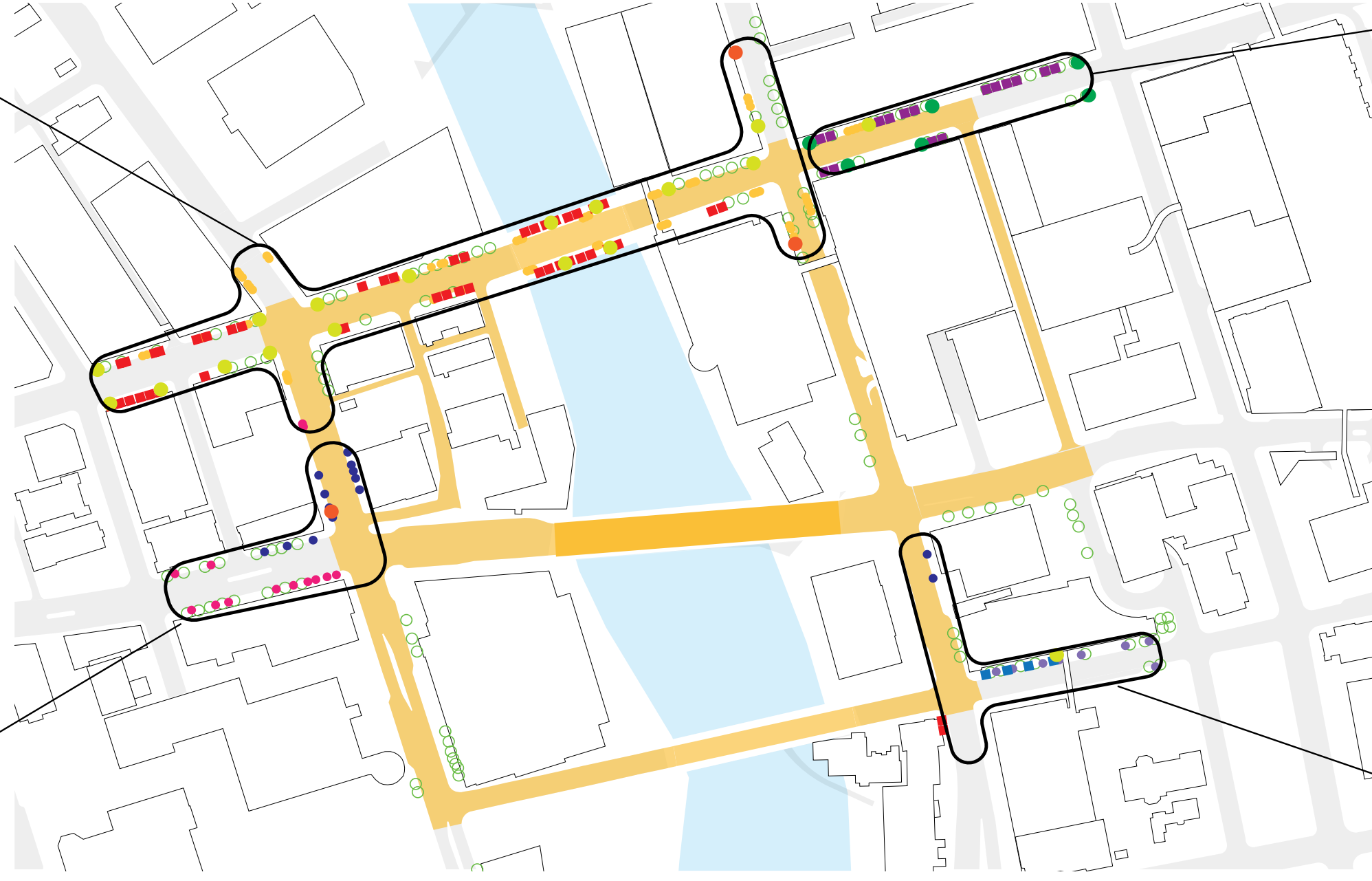
Streetscape Element Clusters



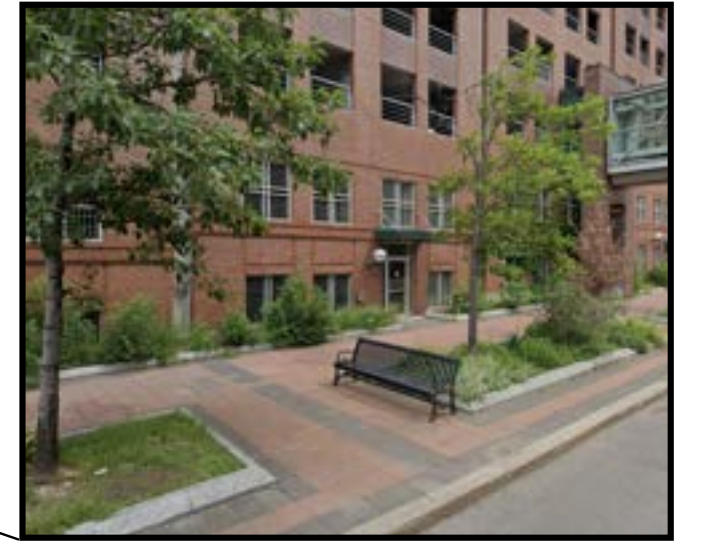
West Main Street



West Broad Street

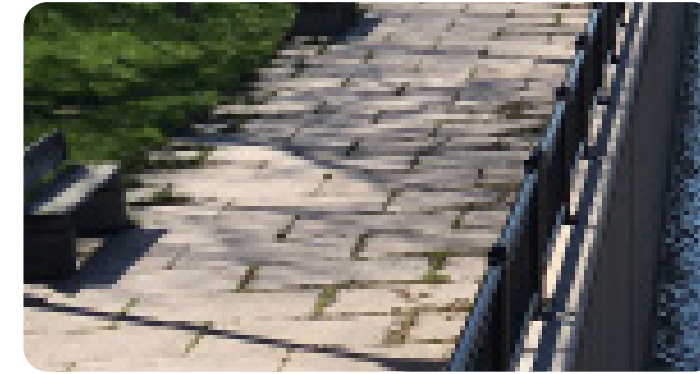


East Main Street



Court Street

Streetscape Elements



Natural Features

Crossings

Railings

Paving

Furnishings

Lighting

What are other streetscape elements that should make up the identity of the Aqueduct Reimagined District?