



Rundel Library Terrace Structural Improvements - Phase IV

Public Informational Meeting | Wednesday May 9, 2018

Day Session: 12:00 p.m. - 2:00 p.m. (Presentation @ 12:15) | Evening Session: 5:00 p.m. - 7:00 p.m. (Presentation @ 5:15)

Location: Kate Gleason Auditorium, Bausch & Lomb (Central) Library , 115 South Avenue, Rochester, NY 14604

INTRODUCTIONS



City of Rochester

Holly Barrett
Assistant City Engineer

Jason VanDemark
Project Manager



Susan Matzat
Design Team Project
Manager

Jesse Gotham
Project Structural Engineer



Bayer Landscape Architecture, PLLC

Mark Bayer
Principal/
Sr. Landscape Architect

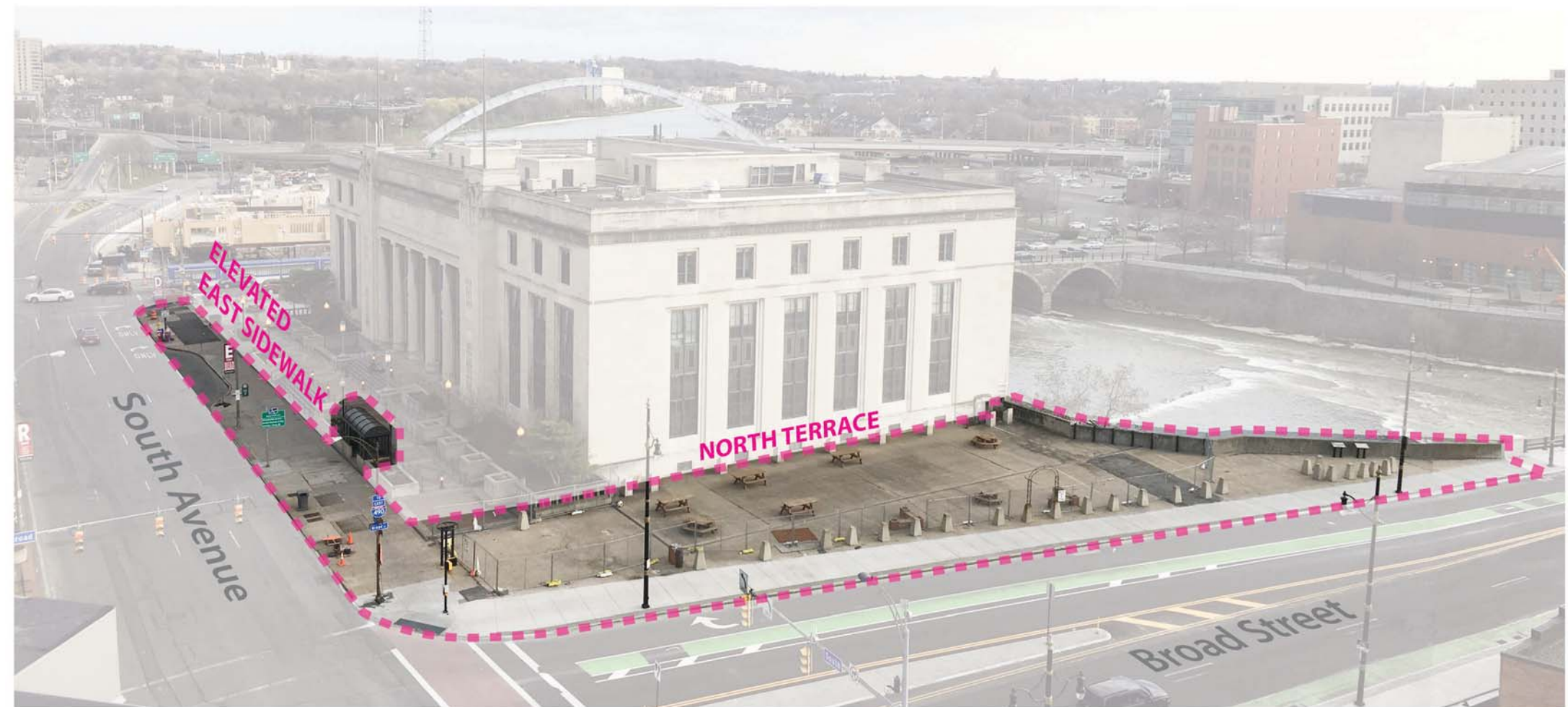
Josh Raymor
Landscape Architect



Project Background

- 1999 Terrace Improvements
Reconstruction of east terrace, planters, ramps, stairs, etc.
- 2008 Phase I, Rundel Structural Repairs
Rundel building substructure & perimeter
- 2010 Phase II, Rundel Structural Repairs
Preliminary high priority structural repairs under Loading dock, Court Street Terrace, and East Terrace.
- 2013 Phase III, Rundel Structural Repairs
Court Street Terrace & Loading Dock
Waterproofing and Reconstruction including new top slab, pavers, drainage system, etc.
- 2016 Broad Street Bridge
Preventative Maintenance
- 2017-2019 Phase IV , Rundel Structural Terrace Improvements
Full structural inspections and repairs/ reconstruction of the elevated East Sidewalk and North Terrace

Project Location



Project Objectives

- **Evaluate the existing conditions** of the entire structural substructure.
- **Assess the integrity** of previous repairs.
- **Identify priority repairs** for immediate and future execution to extend the serviceable life and preserve the character and integrity of this vital center city infrastructure.
- **Develop a site specific Master Plan** and, if necessary, a plan for phased strategic implementation.

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Aqueduct Terrace



*Rendering by Bergmann Associates

Good Question: How Does this Project Tie Into the ROC the Riverway?

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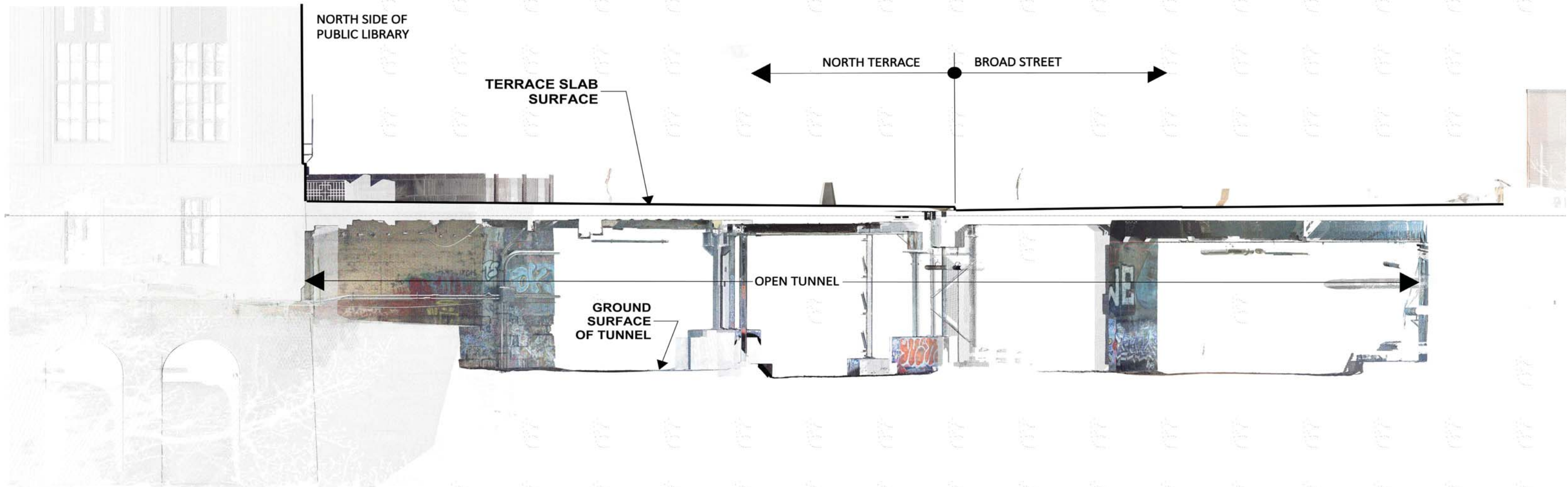


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TERRACE AND TUNNEL VIEW - LOOKING SOUTH

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TERRACE AND TUNNEL VIEW - LOOKING WEST

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**DETERIORATED SLAB UNDER
SIDEWALK OVER TUNNEL**



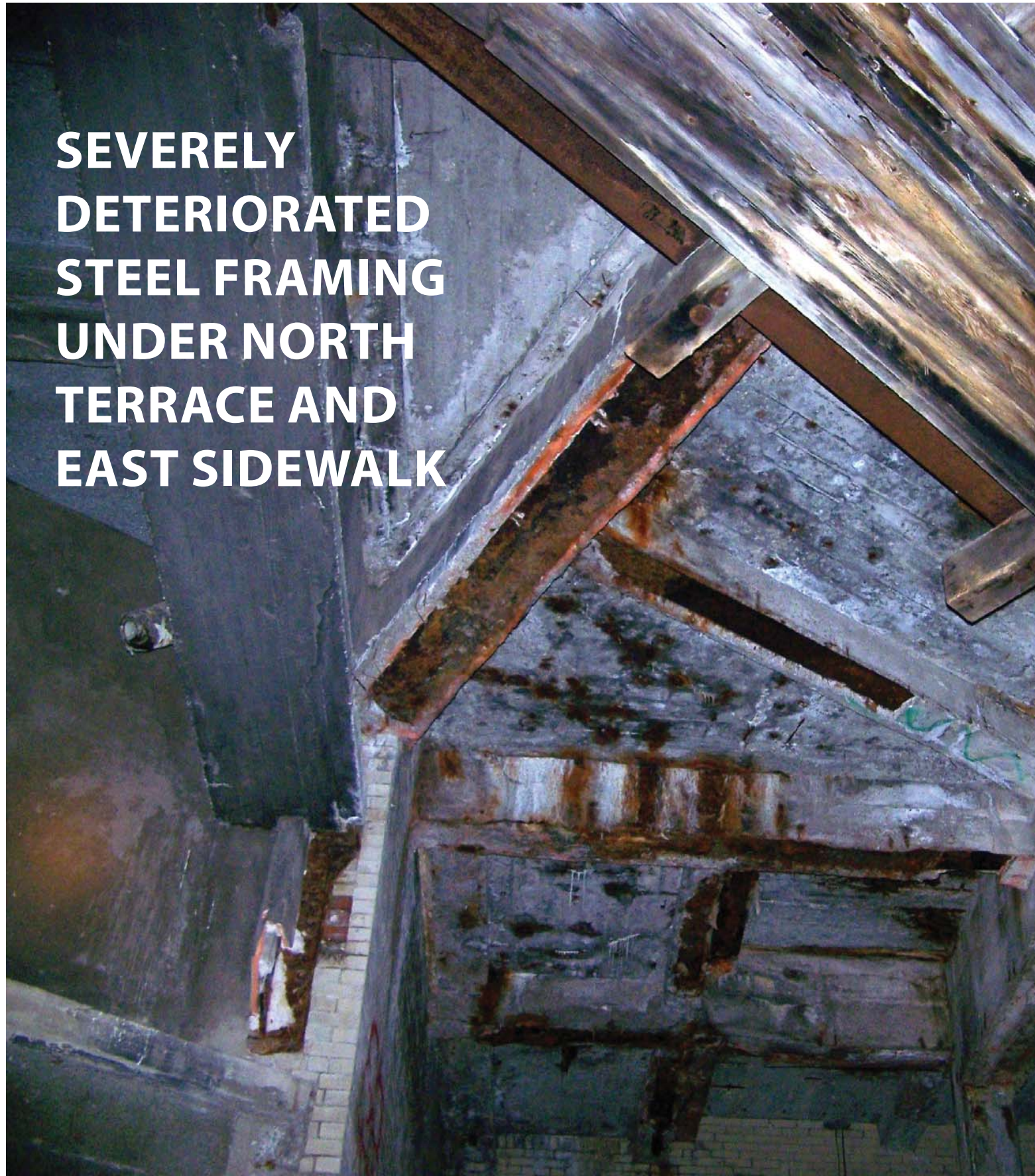
**COLLAPSE DUE TO SEVERELY
DETERIORATED CONCRETE SLAB**



**TEMPORARY REPAIRS ON
ELEVATED EAST SIDEWALK
SLAB OVER TUNNEL**

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**SEVERELY
DETERIORATED
STEEL FRAMING
UNDER NORTH
TERRACE AND
EAST SIDEWALK**

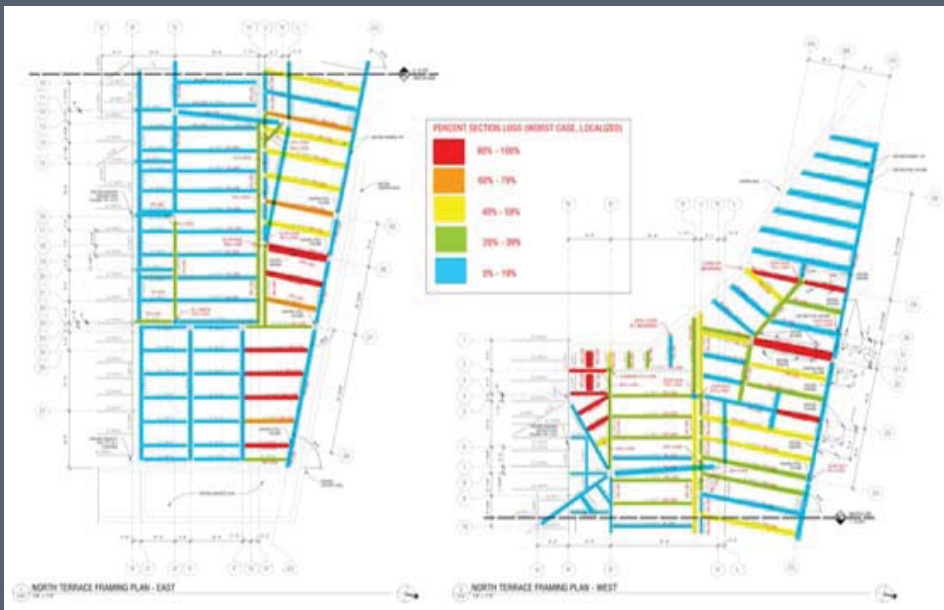
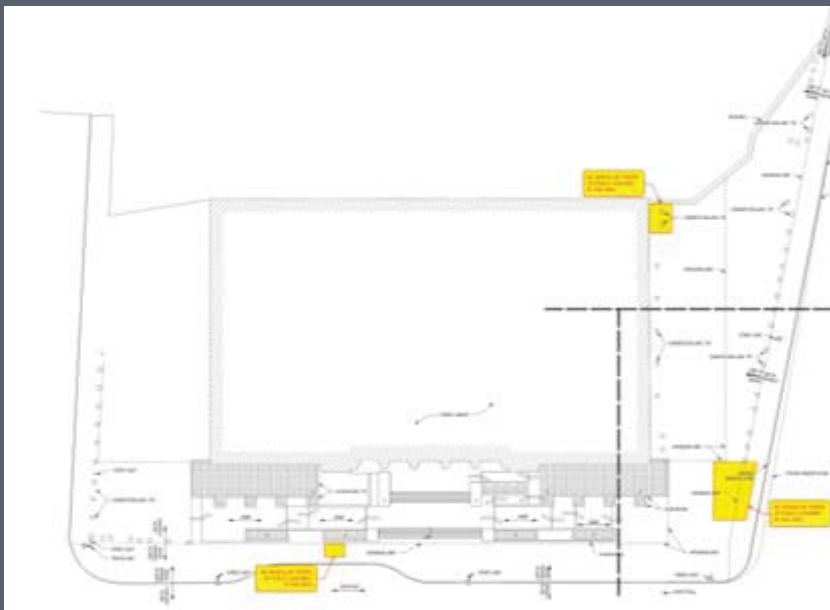


**SEVERELY DETERIORATING CONCRETE GIRDERS
WITH EXPOSED REINFORCING UNDER NORTH
TERRACE AND EAST SIDEWALK**

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PROJECT TIMELINE

JUNE 2017	In-Depth structural Site Investigation
JULY 2017	Emergency closure of three location on the North Terrace and East (South Ave.) Sidewalk
JULY - AUGUST 2017	Temporary shoring installed to support cantilevered sidewalk along Broad Street and Location below East (South Ave.) sidewalk.
AUGUST - SEPTEMBER 2017	Temporary fencing installed closing entire North Terrace
OCTOBER 2017 - DECEMBER 2018	Design of North Terrace and East Sidewalk Structural Repairs/Reconstruction



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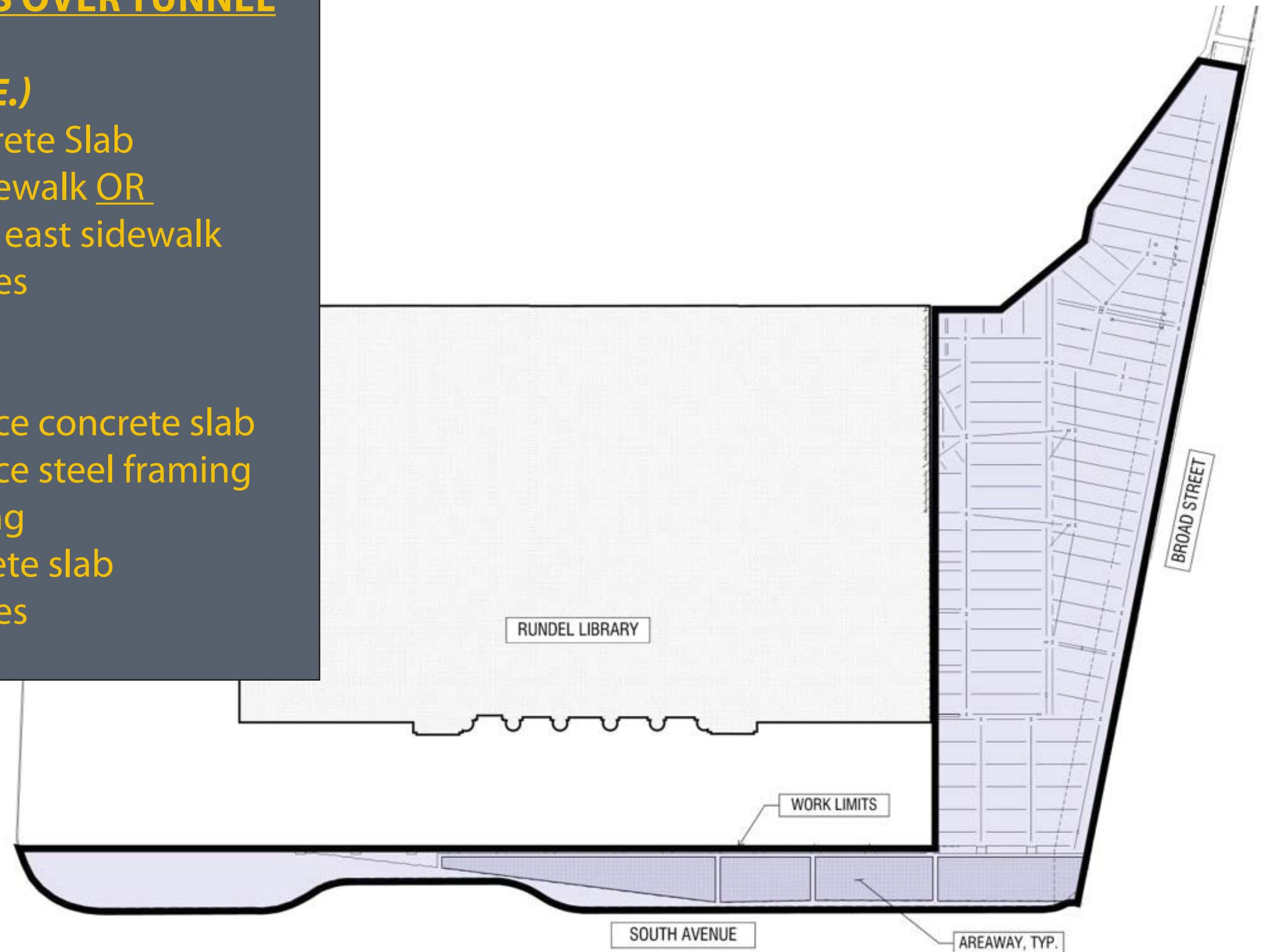
STRUCTURAL WORK ITEMS OVER TUNNEL

EAST SIDEWALK (SOUTH AVE.)

- Remove East Sidewalk Concrete Slab
- Infill areaway below east sidewalk OR install new elevated slab for east sidewalk
- Install new landscape features

NORTH TERRACE

- Remove existing north terrace concrete slab
- Remove existing north terrace steel framing
- Replace north terrace framing
- Replace north terrace concrete slab
- Install new landscape features



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PROJECT REVIEW & COORDINATION

Project Reviews & Involved Agencies:

March 23, 2017: Project Advisory Committee Meeting #1 - Initial Concept Review | Invitees included: Local Stakeholders, neighborhood associations, Arts & Cultural Council, Center for Disability Rights, Community Design Center, Landmark Society, and others.

February 26, 2018: Rochester Public Library | Joint Rochester Public Library Board / Monroe County Library Systems Board meeting
Rochester Public Library Director and Finance Officer | regular coordination throughout 2017-2018

March - April 2018: New York State's Historic Preservation Office (SHPO)- Historic Resource Review | Report submitted; response received

April-May 2018 : City and Public Library Historians | Coordination

May 17, 2018: State Environmental Quality Review (SEQR) / City of Rochester Environmental Commission - Review of Environmental Impacts | Part 1 Full Environmental Assessment Form (EAF); Review meeting

Agency Coordination (upcoming during design):

Rochester Police, Fire, and Water Departments

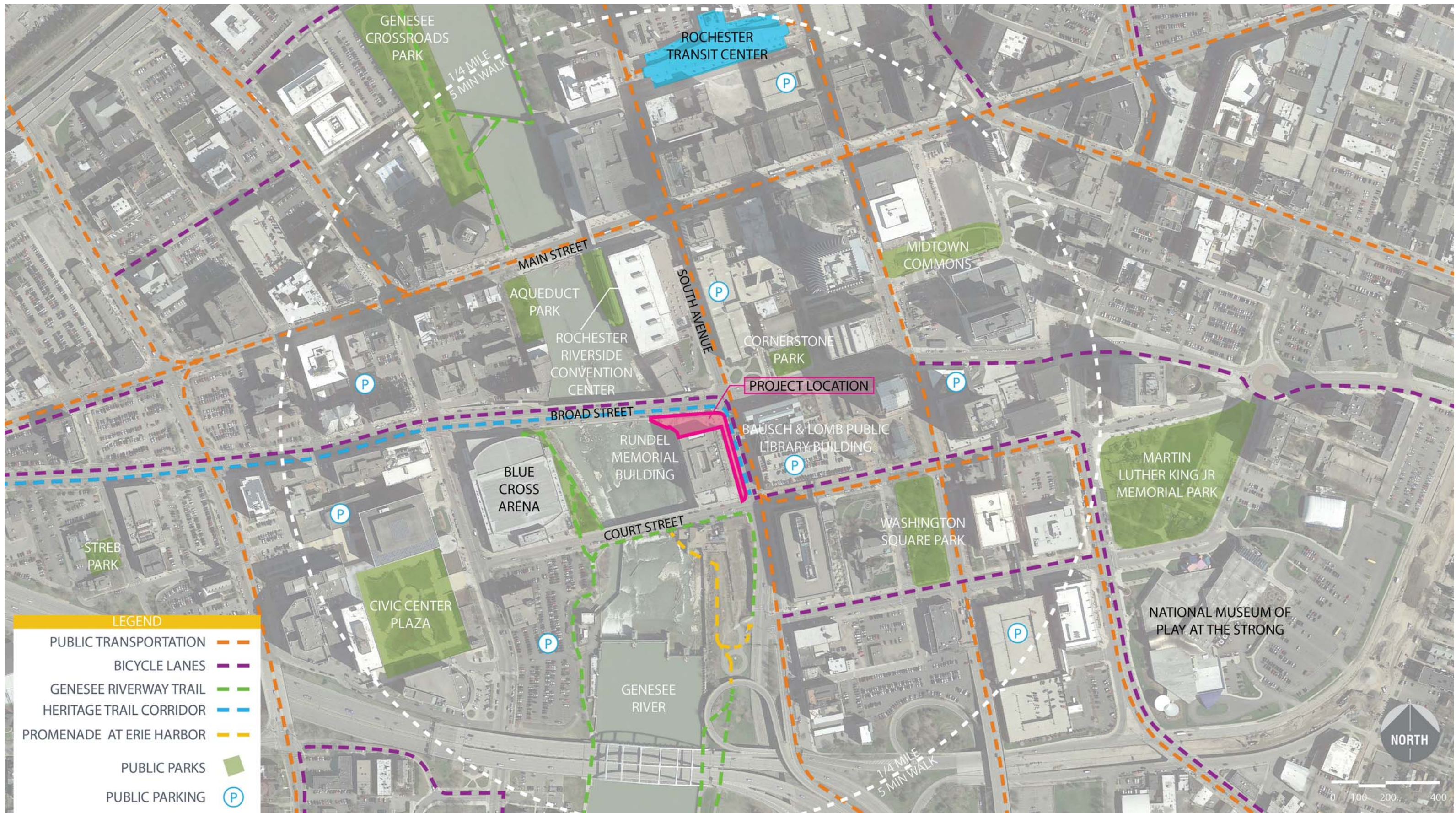
Monroe County and City of Rochester Lighting, Traffic, Parks, and other associated departments

Utility Coordination: Rochester Gas & Electric | Rochester District Heating Cooperative, Inc. | Crown Castle (Fiber) | Windstream | Spectrum

Funding Sources:

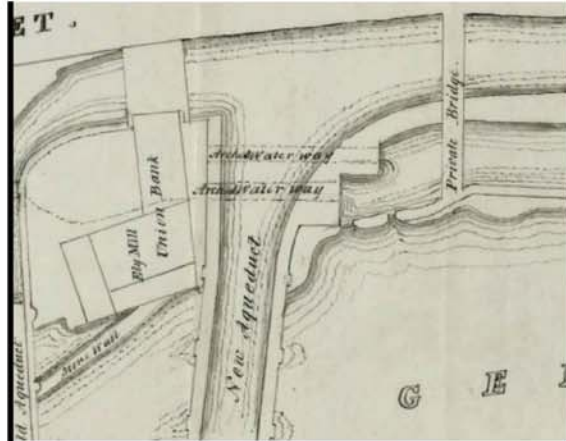
City of Rochester | DASNY (Dormitory Authority of State of New York) | New York State Education Department

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1817



Rochesterville Incorporated as a Village
Johnson Seymour Mill Race Constructed

1865



Great Flood

1924-25



Broad Street Bridge Constructed over the
Aqueduct

1934-36



Rundel Library Constructed

1937



North Terrace Constructed
(Comprised of Broad Street and Viaduct Terraces)

1825

Erie Canal Opens

1834

City of Rochester formed

ERIE CANAL 1825-1919 (94 yrs)

AQUEDUCT 1821 - 1837

JOHNSON SEYMOUR

MILL RACE

GENESEE RIVER

1821-23

1st Aqueduct Constructed

1837-42



2nd Aqueduct Constructed



Erie Canal rerouted out of downtown Rochester

1918

Depth of Genesee River lowered

1919

1921

The City of Rochester purchases the rights to the
Erie Canal from the State of New York

1948-1952

Mount Morris Dam

1927



Rochester Subway Opens

1956



Rochester Subway Closes

2018



Present Day

1973-74

Broad Street Bridge Reconstruction

NORTH TERRACE

81 years

RUNDEL LIBRARY

82 years

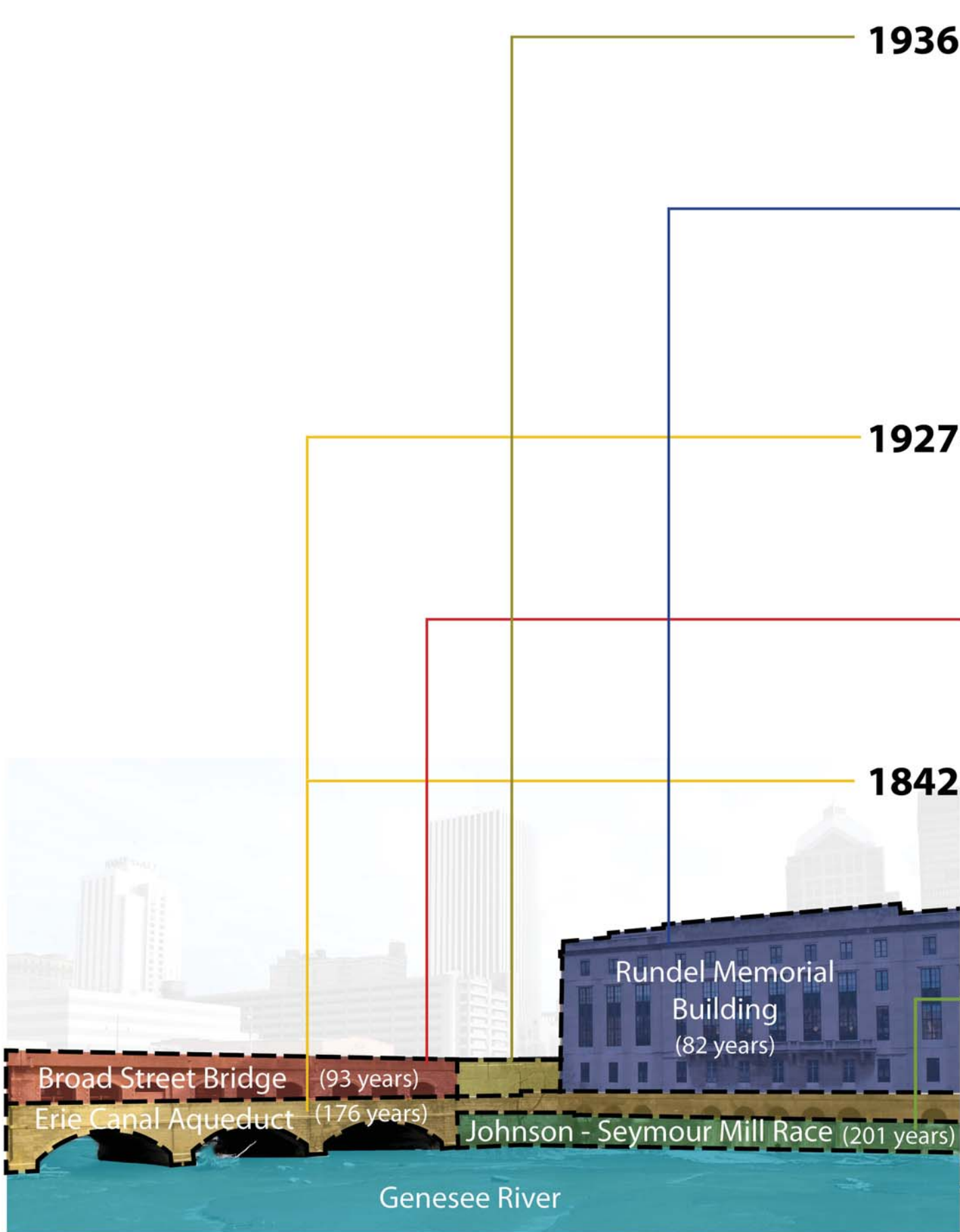
BROAD STREET BRIDGE

93 years

ROCHESTER SUBWAY 1927 - 1956

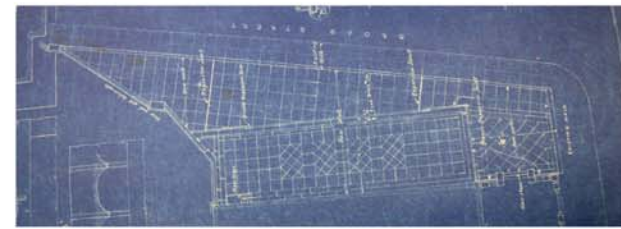
176 years

201 years



1936-1937 North Terrace

Newspaper articles note that the bids for the terrace construction were excessive and the project was rebid and constructed between 1936-37.



1936 Rundel Library

Designed and built during the Great Depression, the Rundel Memorial Building is constructed over the Johnson Seymour Mill Race, the old Erie Canal, and Rochester Subway bed. The mill race, which was incorporated into the design of the building, still flows under the building and a portion spills through a series of archways built into the West facade of the building.



1927-1956 Rochester Subway

Built in the bed of the Erie Canal Aqueduct, construction begin in 1921, and in 1927 the Subway was completed, carrying the first passengers under the City.



1925 Broad Street Bridge

Built on the foundation of the Erie Canal Aqueduct, the Broad Street Bridge provided an important link between the east and west during the rise of the automobile.



1842-1919 Erie Canal Aqueduct

Replacing the original aqueduct (circa 1823), a second, wider aqueduct was constructed across the Genesee River to accommodate the increase in Canal traffic. Built entirely of Onondaga Limestone, the second aqueduct provides the foundation for the current Broad Street Bridge.



1817 Johnson - Seymour Mill Race

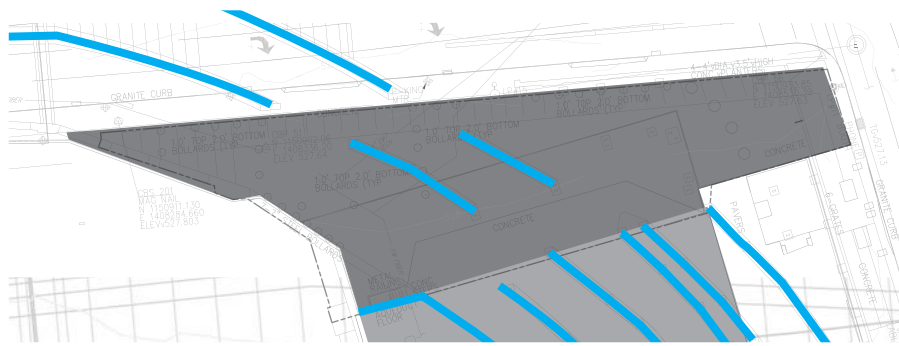
The race was cut along the East bank of the Genesee River by Elisha Johnson and Orson Seymour to operate mills on the site of the Rundel Library.



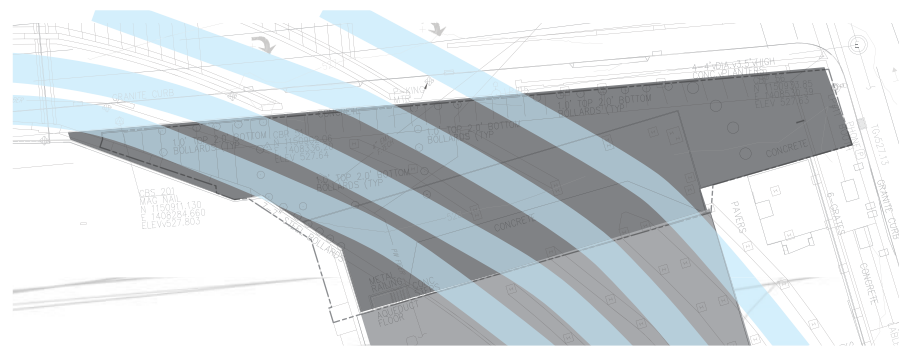
Genesee River

Flowing through the heart of the City, the River provided the power necessary for its growth.

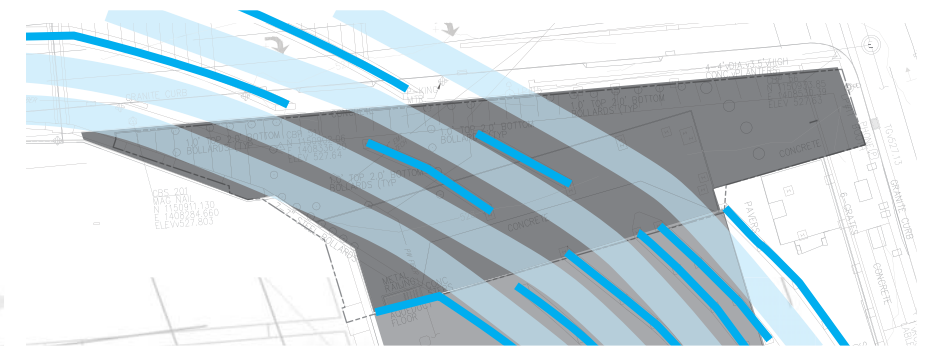
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Lower Level Columns and Walls

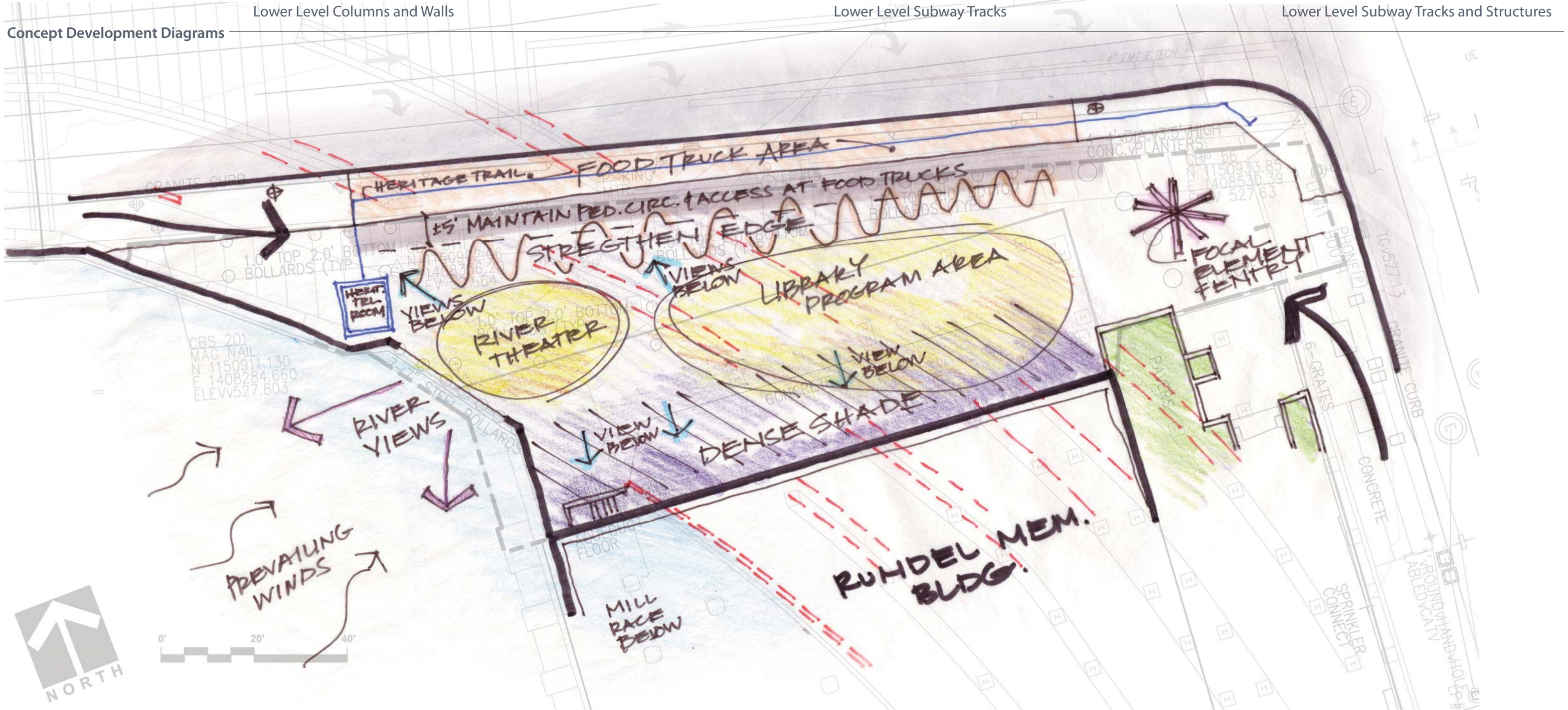


Lower Level Subway Tracks

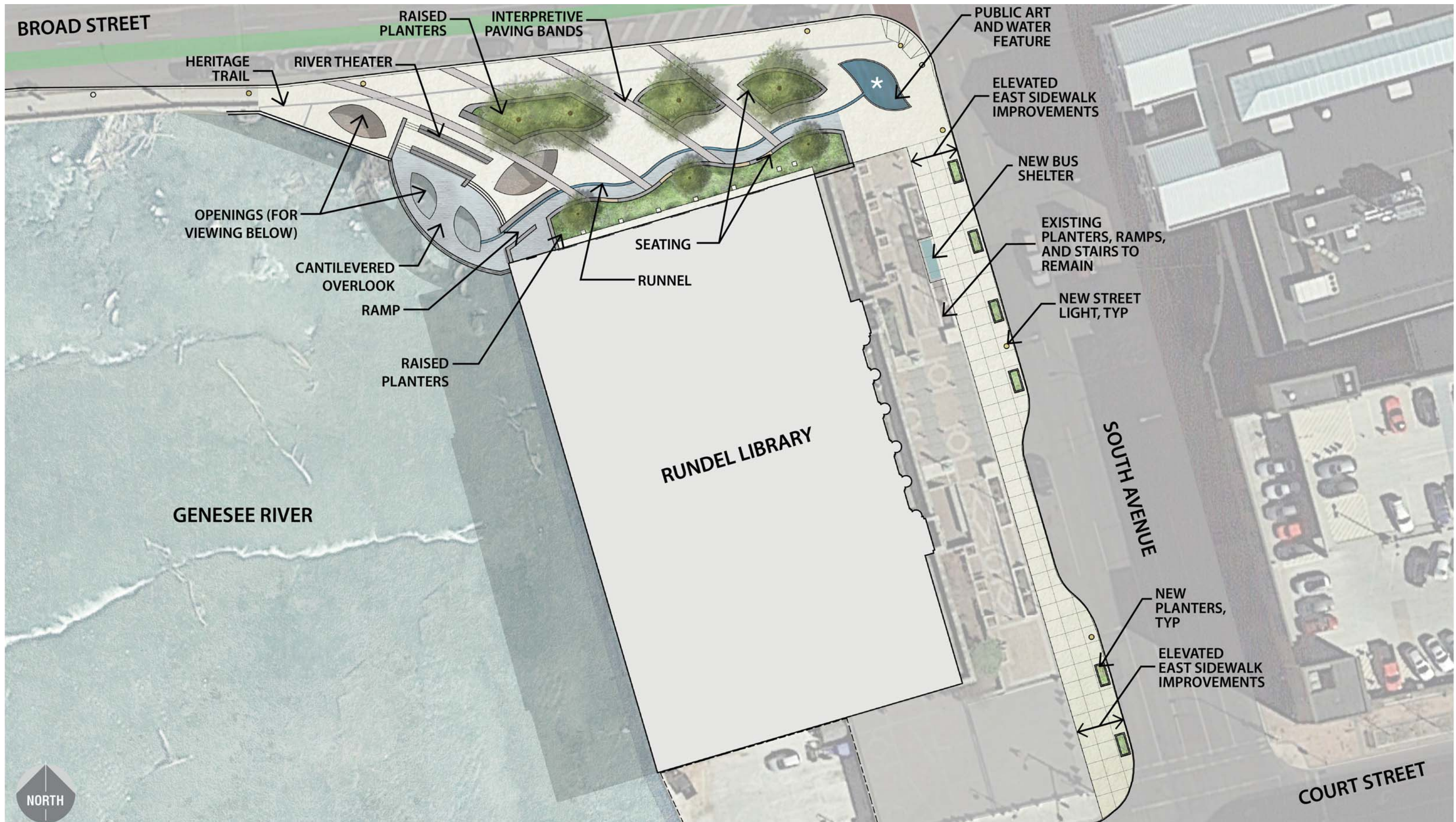


Lower Level Subway Tracks and Structures

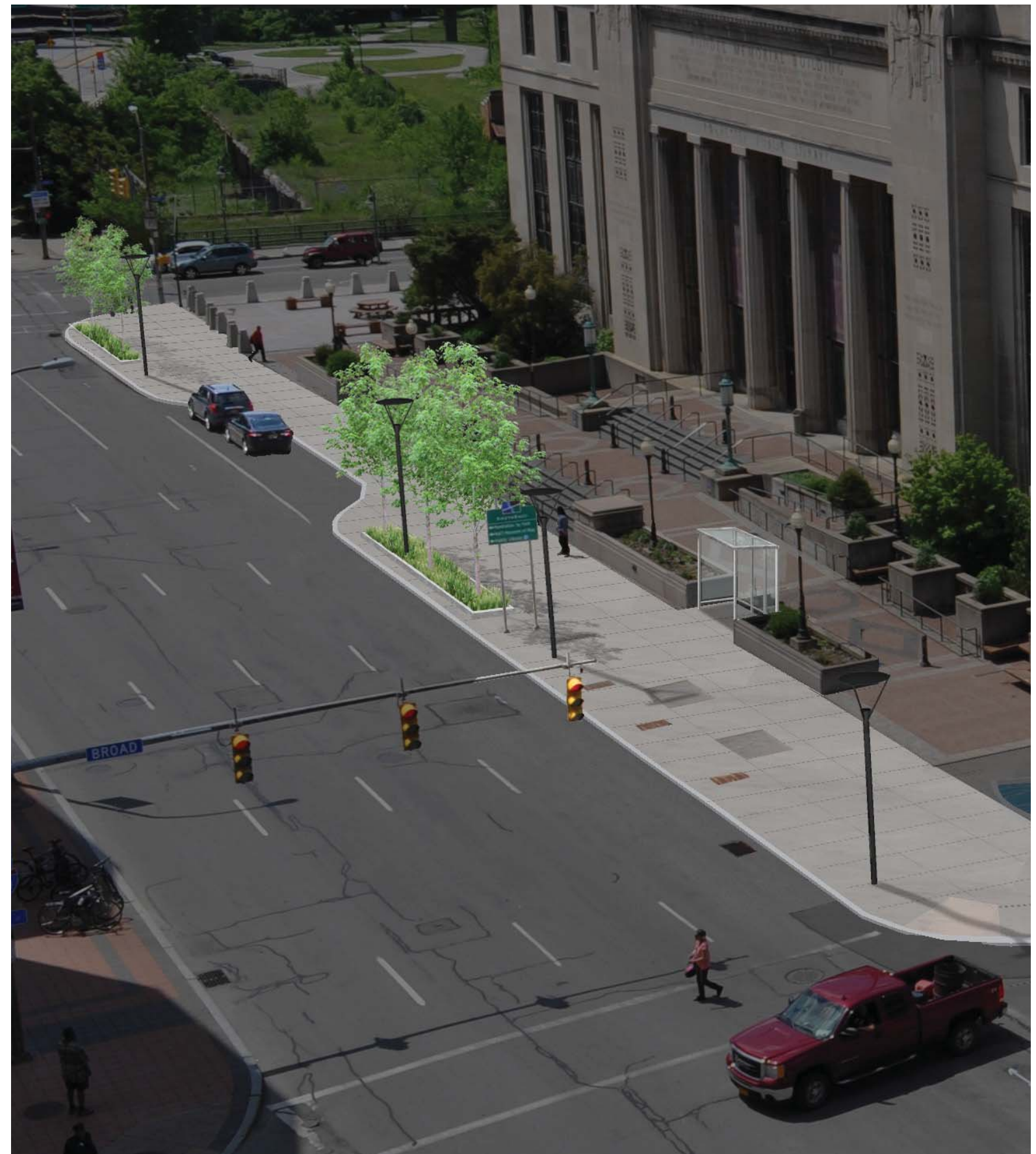
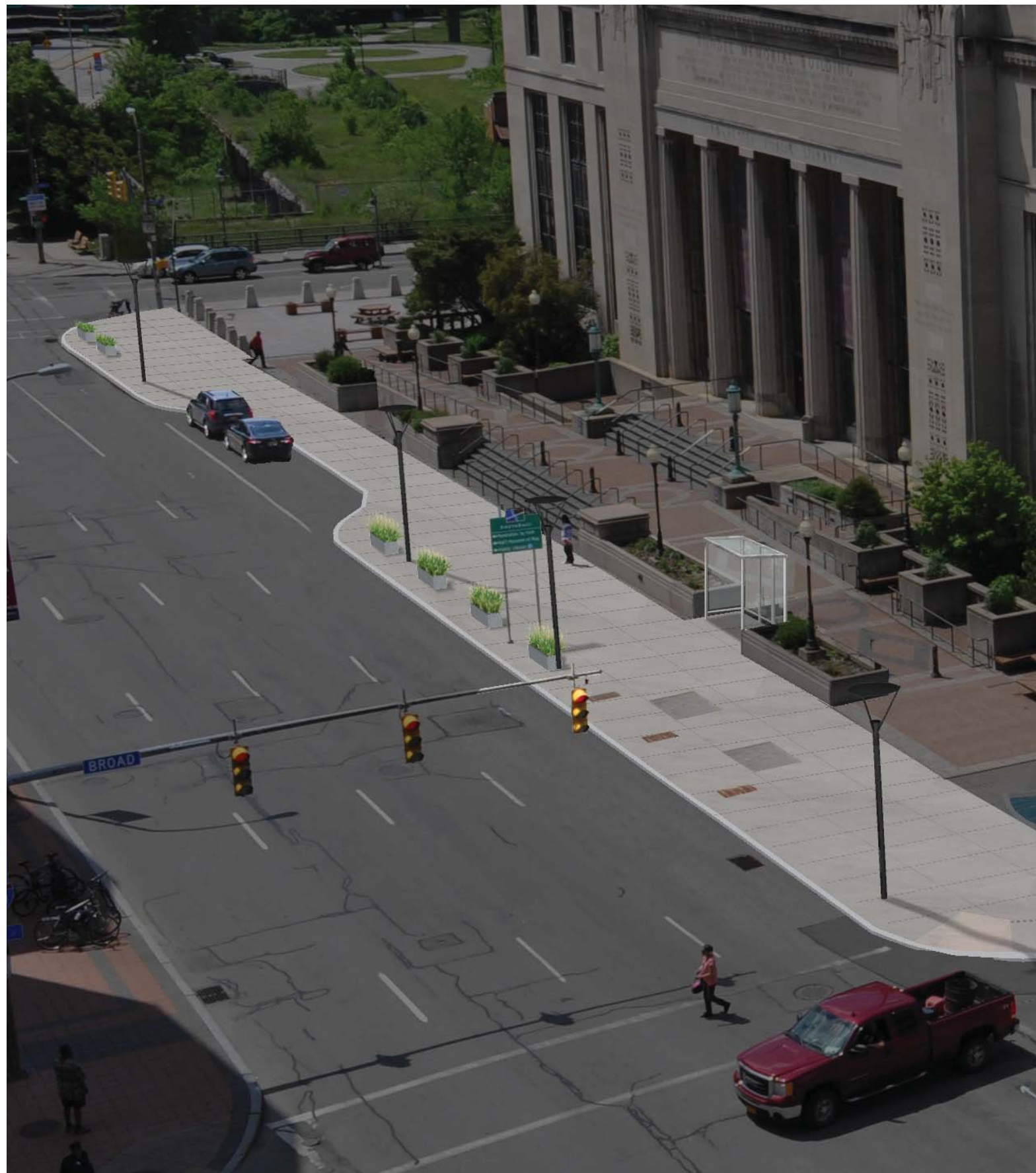
Concept Development Diagrams



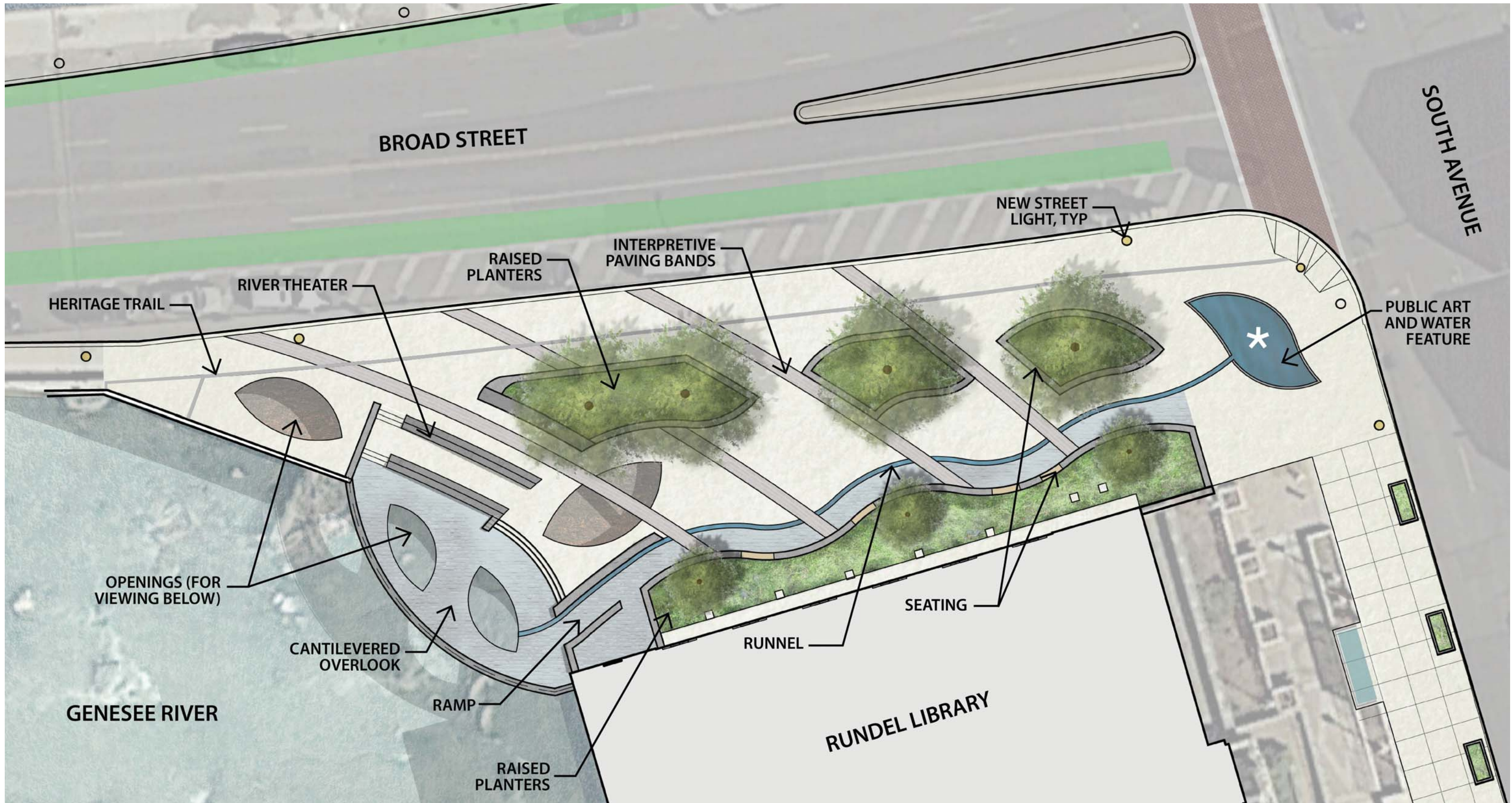
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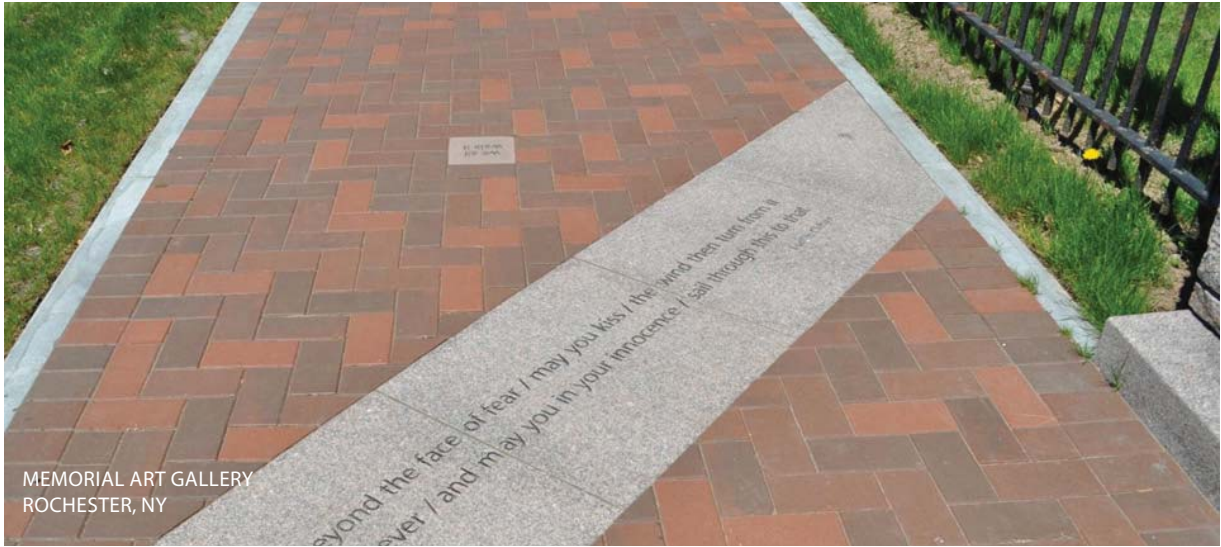
IIDABASHI PLANO
TOKYO, JAPAN

INTERPRETIVE PAVING ELEMENTS

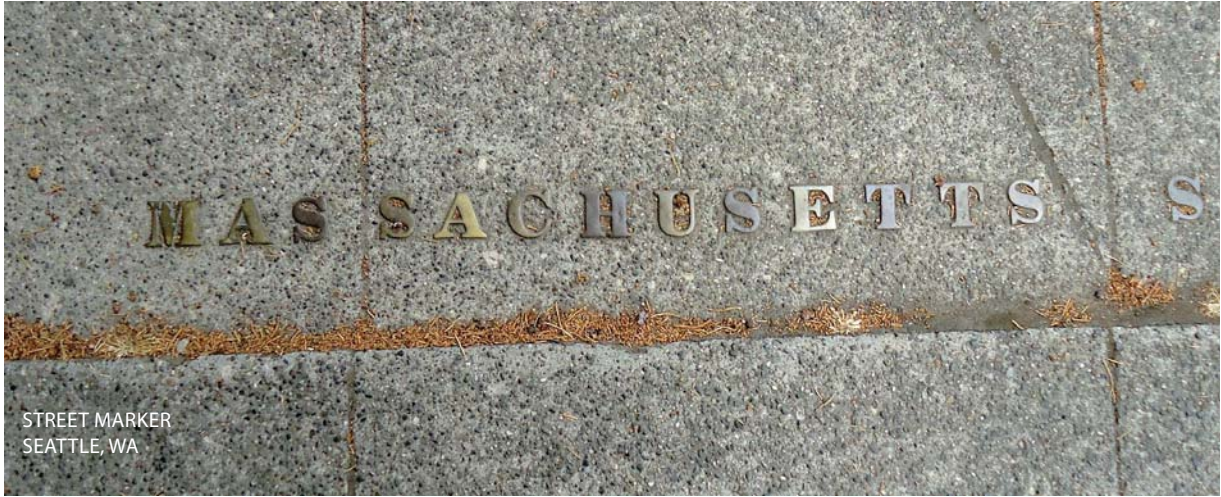


FINSBURY AVENUE SQUARE
LONDON, ENGLAND

SEAT WALL + PLANTING



MEMORIAL ART GALLERY
ROCHESTER, NY



STREET MARKER
SEATTLE, WA



PALEY PLAZA
MEMORIAL ART GALLERY, ROCHESTER, NY



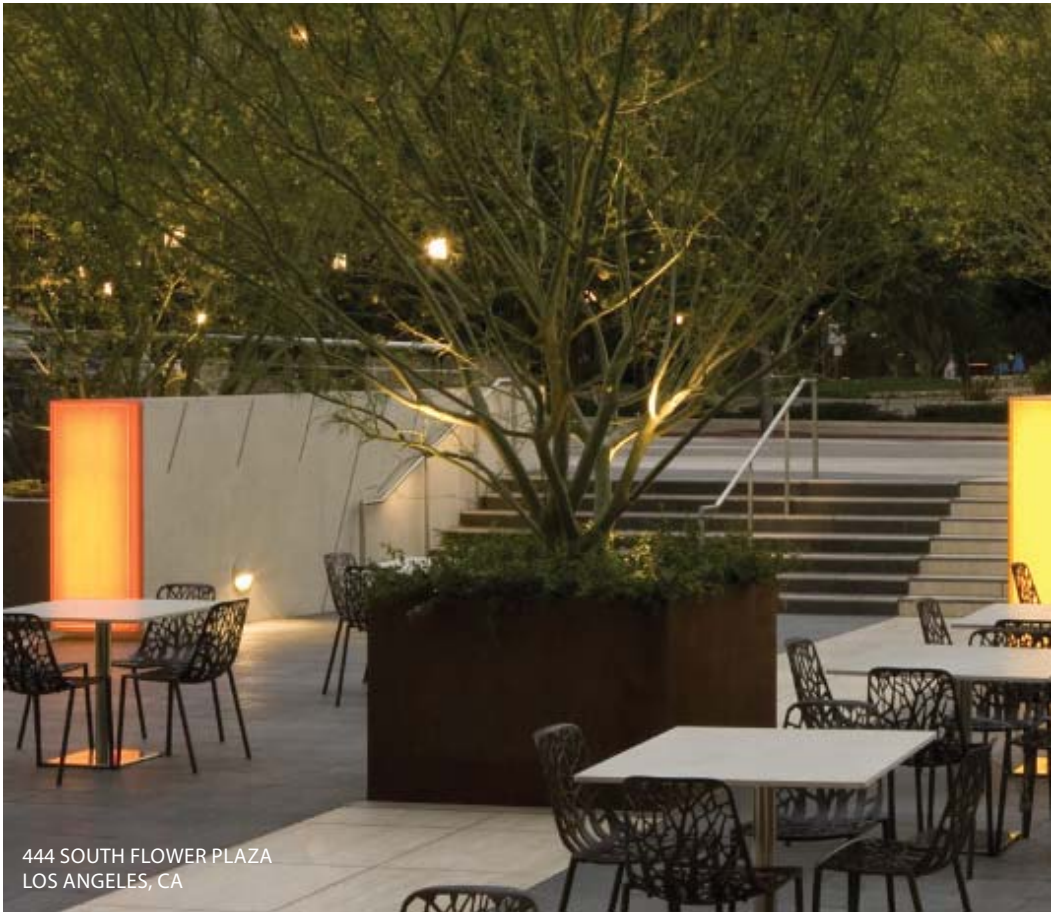
THE HIGH LINE (10TH AVE. AND 17TH STREET)
NEW YORK, NY



QUEEN ELIZABETH II PARK
NEW YORK, NY



PLACE FRANÇOIS MITTERRAND
LE CREUSOT, FRANCE



444 SOUTH FLOWER PLAZA
LOS ANGELES, CA



CENTRAL WHARF PLAZA
BOSTON, MA



H.O. SMITH BOTANIC GARDENS, THE ARBORETUM AT PENN STATE
UNIVERSITY PARK, PA

AMPHITHEATER, STEPS, + SEATING

RUNNELS

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PETAR ZORANIC SQUARE AND SIME BUDINIC PLAZA
ZADAR, CROATIA



THE HIGH LINE
NEW YORK, NY



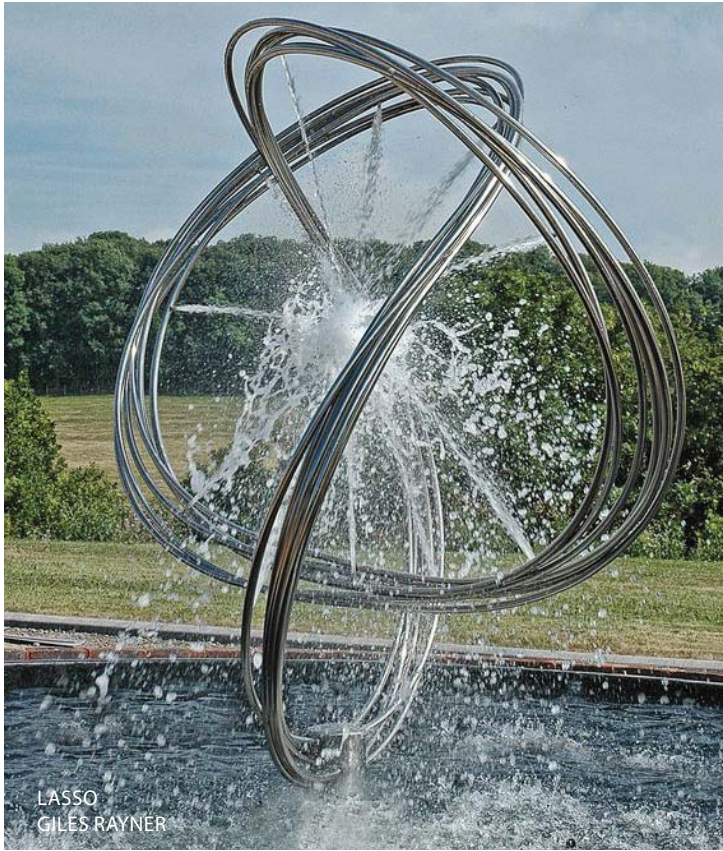
THE LION'S FOUNTAIN, DOUGLAS FREEMAN
CULVER CITY, CALIFORNIA



BROWN'S RACE
ROCHESTER, NEW YORK



KEW GARDENS
BRENTFORD GATE, LONDON



LASSO
GILES RAYNER



THE JULIE PENROSE FOUNTAIN
AMERICA THE BEAUTIFUL PARK, CO

FLOORING FOR VIEWING

PUBLIC ART + WATER FEATURES

May 9, 2018



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Draft Project Schedule (Schedule subject to adjustment)

Milestone	Date
Consultant Procurement	Spring - Winter 2016
Structural Inspection	Spring - Summer 2017
Concepts	Summer 2017 - Spring 2018
Public Information Meeting	May 9, 2018, (2) sessions at 12:00 p.m. and 5 p.m.
Final Design and Estimates	Fall 2018
Bid and Award Phase	Late 2018
Construction	Spring 2019 - Fall 2020

PROJECT WEBSITE: <http://www.cityofrochester.gov/rundelterrace/>

Draft Public Art Schedule (Schedule subject to adjustment)

Milestone	Date
RFQ- Call for Artists	April - May 2018
Artist Selection Process	Summer 2018
Art Design	Fall 2018
Art Fabrication & Installation	Spring 2019 - Fall 2020

RFQ-CALL FOR ARTISTS: <http://www.cityofrochester.gov/bidandrfp/>

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