Genesee Valley Park West

2013 Master Plan

ADVISORY MEETING #1
February 13, 2013

Bayer Landscape Architecture, PLLC

LaBella Associates

Bero Architecture

Moffatt & Nichol

Dr. Charles Beveridge

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Advisory Meeting

GVPW
2013 MASTER PLAN

1 **Project Background / Scope**

2 **Inventory and Analysis**

3 **Programming / Next Steps**

1 Project Background / Scope

GVPW
2013 MASTER PLAN

Master Plan Process

Inventory & Analysis / Research

↓

Program Development

↓

Community Input / Needs

↓

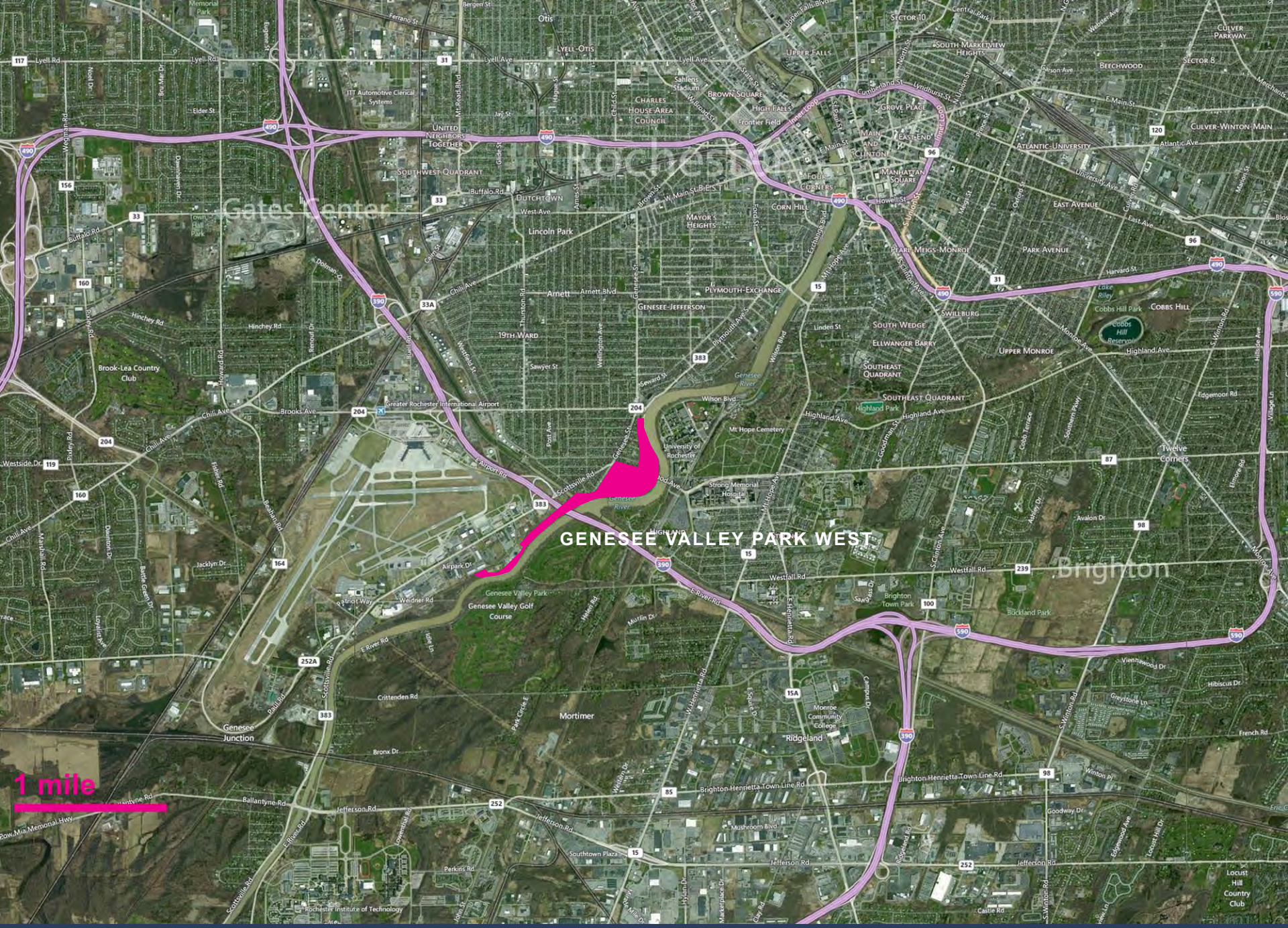
Alternative Schematic Master Plans

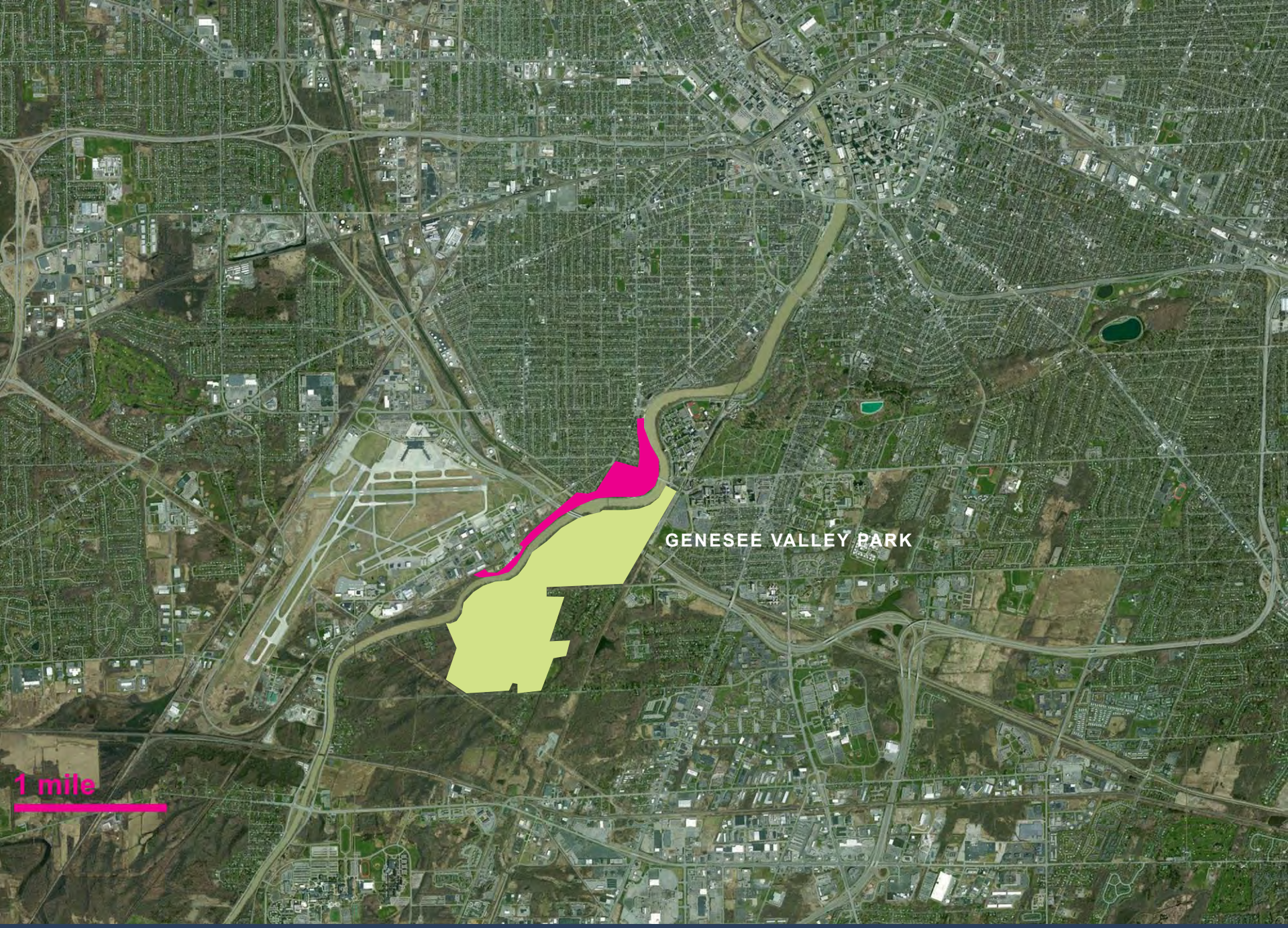
↓

Community Review / Input

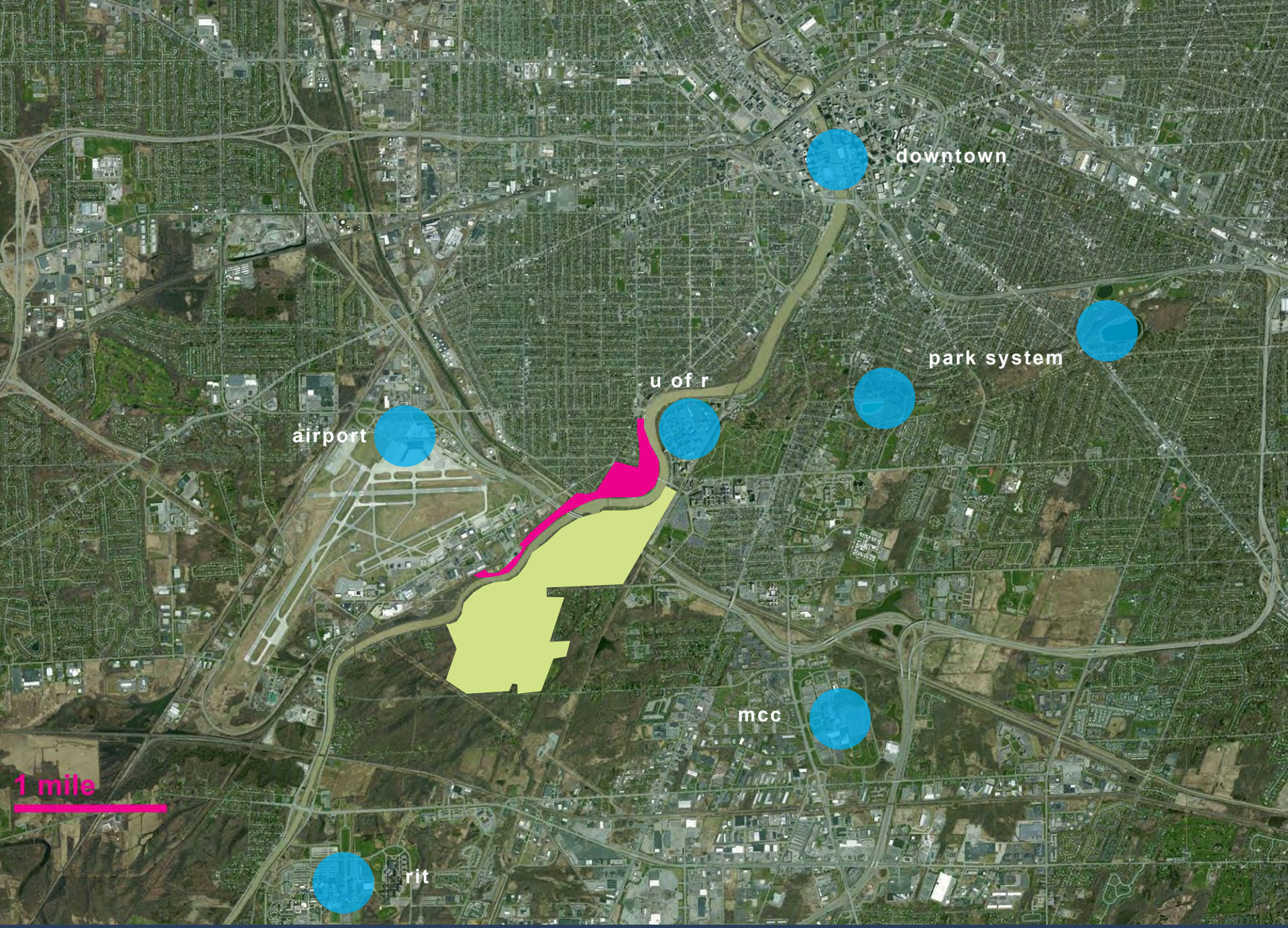
↓

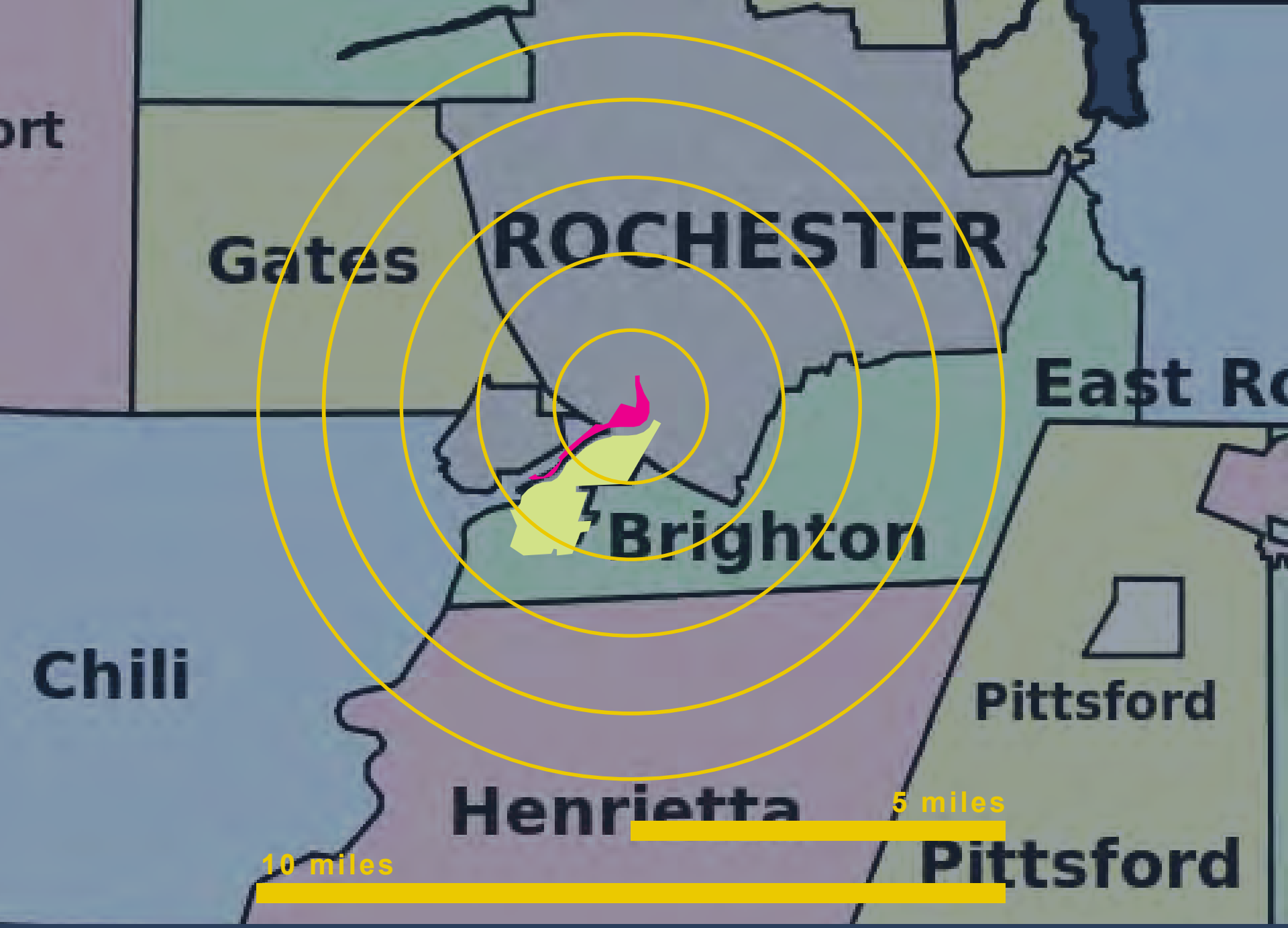
Preliminary & Final Master Plan

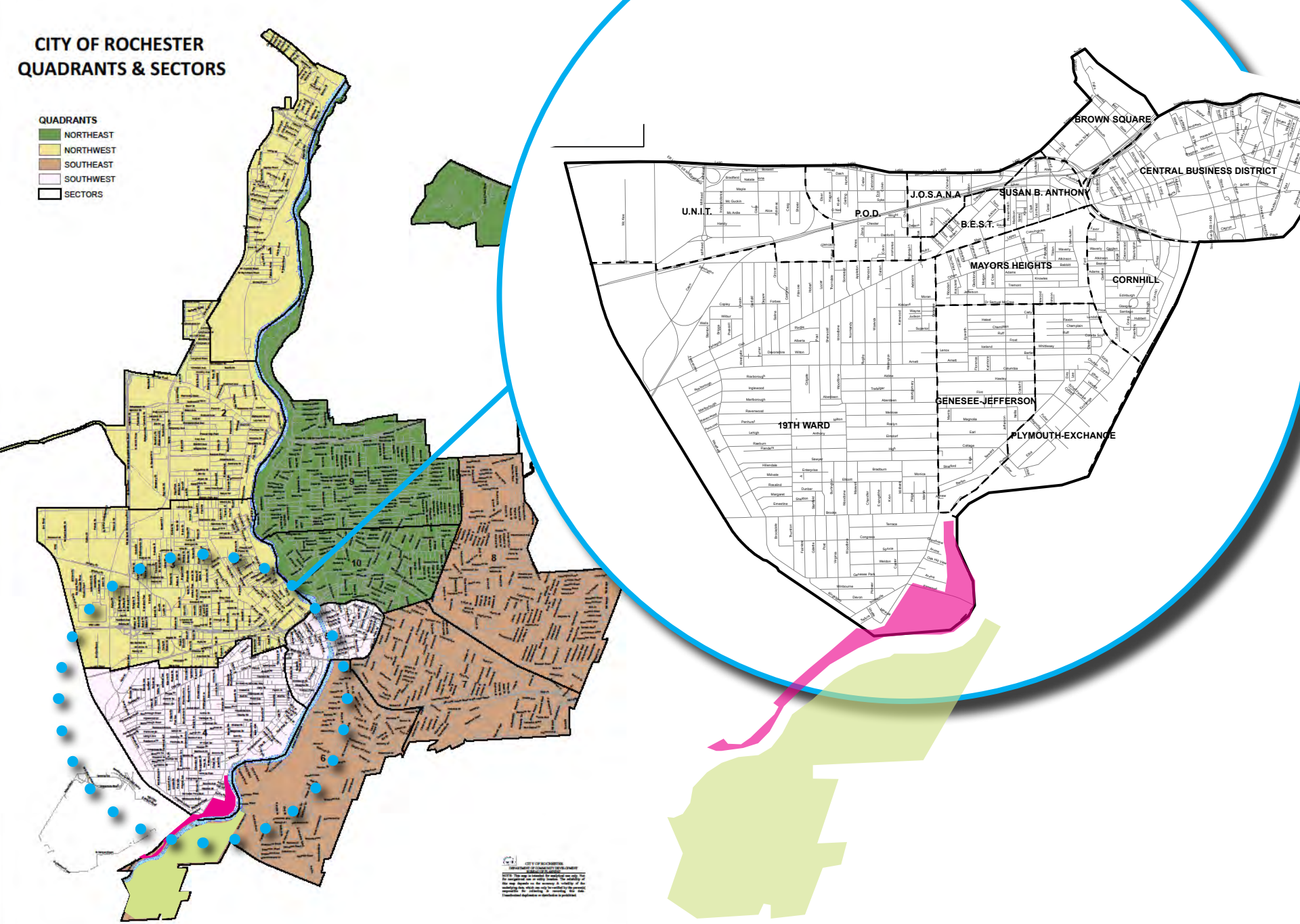

GENESEE VALLEY PARK WEST
1 mile
Rochester
Gates Center
Brighton
Otis
Lyell-Otis
Upper Falls
Sector 10
South Marketview Heights
Beechwood
Sector 8
Culver Parkway
Charles House Area Council
Brown Square
High Falls
Frontier Field
Grove Place
Main and Clinton
East End
Manhattan Square
Four Corners
Culver-Winton-Main
Atlantic-University
United Neighbors Together
Southwest Quadrant
Dutchtown
Lincoln Park
Mayor's Heights
Corn Hill
Pearl-Meigs-Monroe
East Avenue
Park Avenue
Arnett
Plymouth-Exchange
Genesee-Jefferson
19th Ward
Swillburg
South Wedge
Ellwanger Barry
Upper Monroe
Southeast Quadrant
Cobbs Hill
Brook-Lea Country Club
Greater Rochester International Airport
Genesee River
Mt Hope Cemetery
University of Rochester
Strong Memorial Hospital
Highland Park
Twelve Corners
Genesee Valley Park
Genesee Valley Golf Course
Airpark Dr
Brighton Town Park
Buckland Park
Genesee Junction
Mortimer
Ridgeland
Monroe Community College
Southtown Plaza
Rochester Institute of Technology
Locust Hill Country Club



CONTEXT


downtown
park system
u of r
airport
mcc
rit
1 mile


ort
Gates
ROCHESTER
East Ro
Brighton
Chili
Pittsford
Henrietta
Pittsford
5 miles
10 miles


CITY OF ROCHESTER
QUADRANTS & SECTORS
QUADRANTS
NORTHEAST
NORTHWEST
SOUTHEAST
SOUTHWEST
SECTORS
BROWN SQUARE
CENTRAL BUSINESS DISTRICT
J.O.S.A.N.A
SUSAN B. ANTHONY
U.N.I.T.
P.O.D.
B.E.S.T.
MAYORS HEIGHTS
CORNHILL
GENESEE-JEFFERSON
19TH WARD
PLYMOUTH-EXCHANGE

CONTEXT

2 Inventory & Analysis

GVPW
2013 MASTER PLAN

Neighborhood Characteristics
Demographics / Development / Institutions / Land Use-Controls

Park Features & Use

Circulation & Parking
Vehicular / Bike / Pedestrian

Buildings

Visual / Views

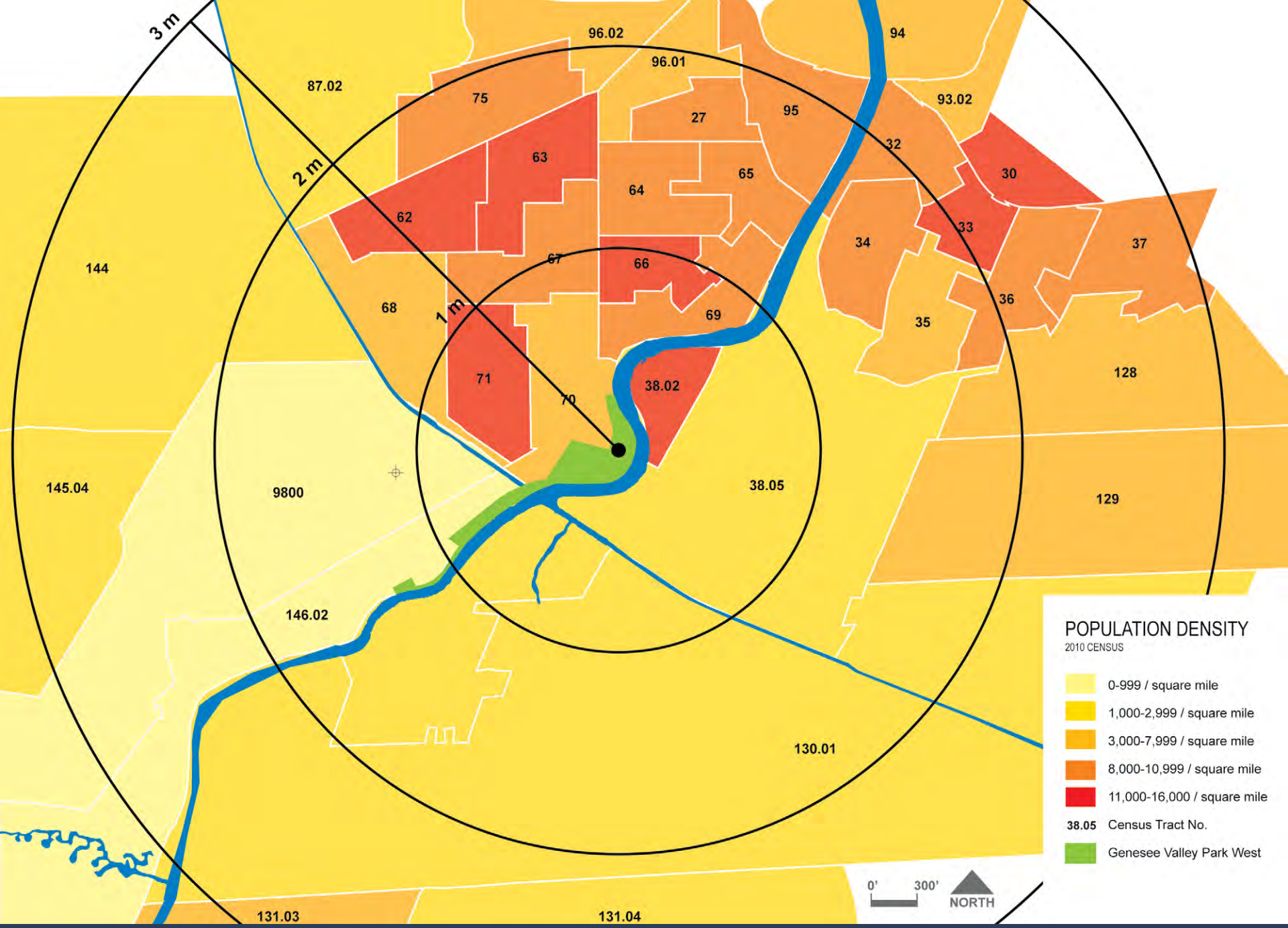
Vegetation

Hydrology / Natural Resources

Utilities

Cultural Landscape / Park History

TODAY
update on selected inventory and analysis and park time-line of development



NEIGHBORHOOD CHARACTERISTICS

density <persons per acre>

west side of gvp 12 to 18 / acre

east side of gvp 4.3 / acre

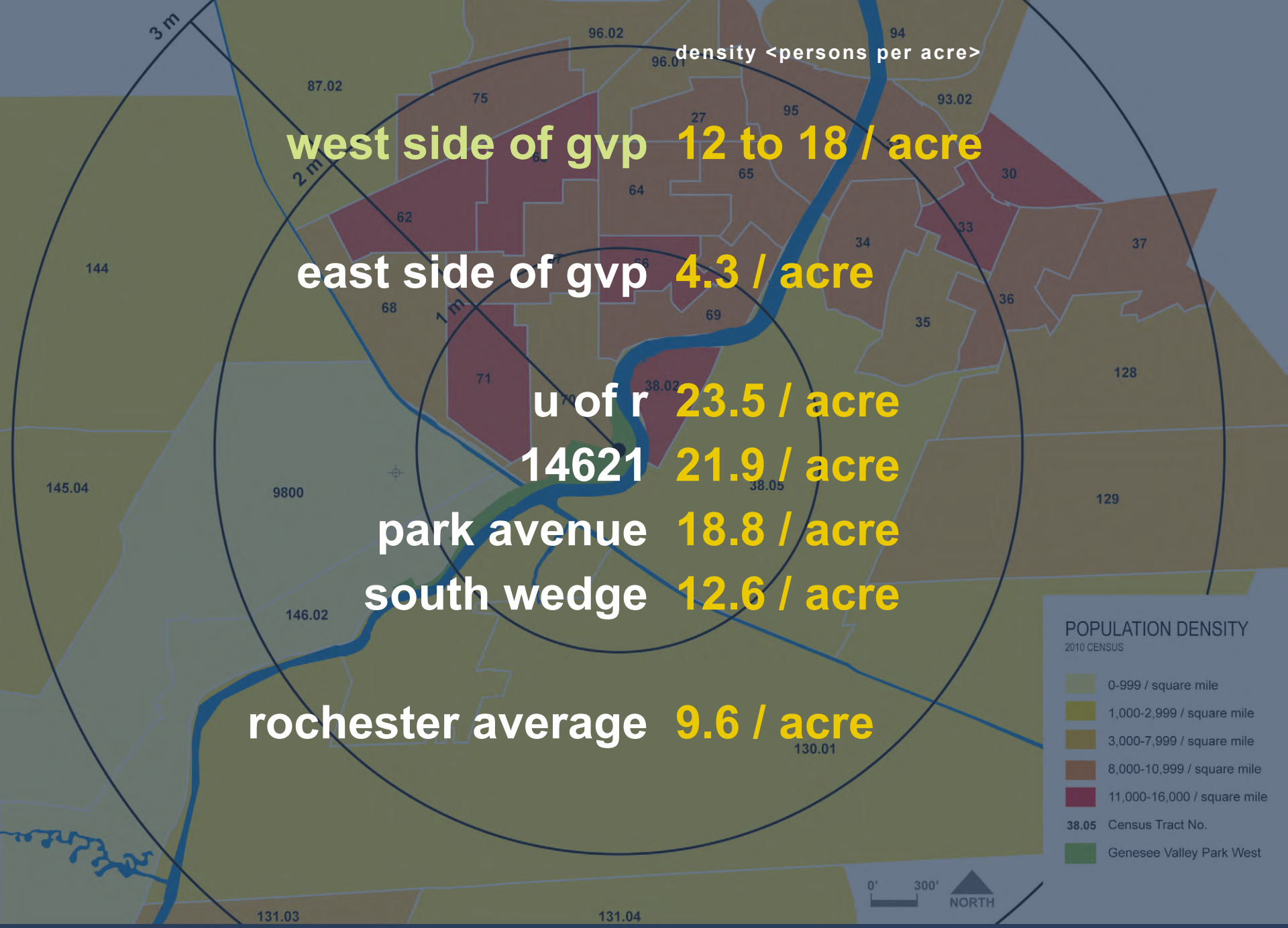
u of r 23.5 / acre

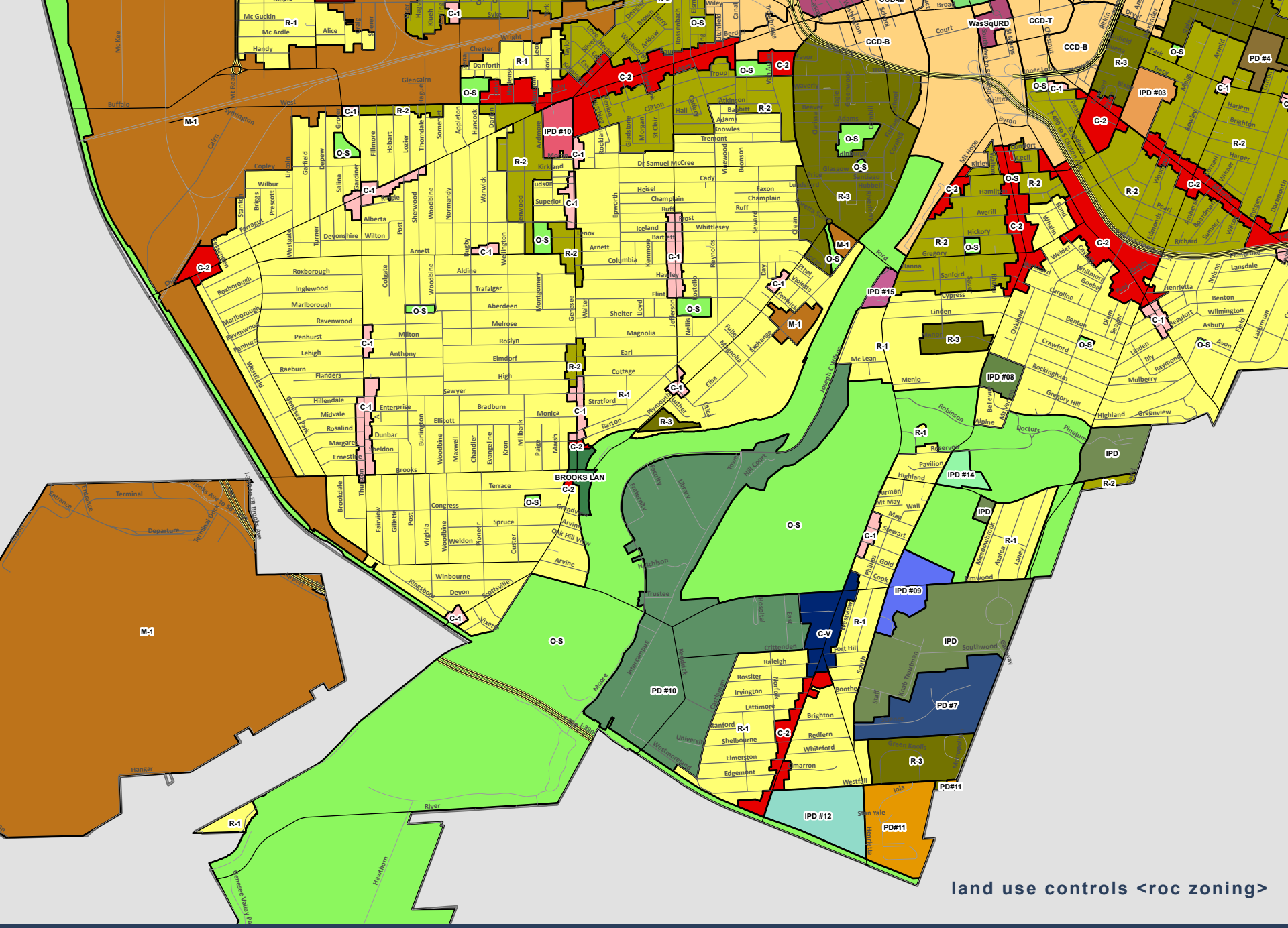
14621 21.9 / acre

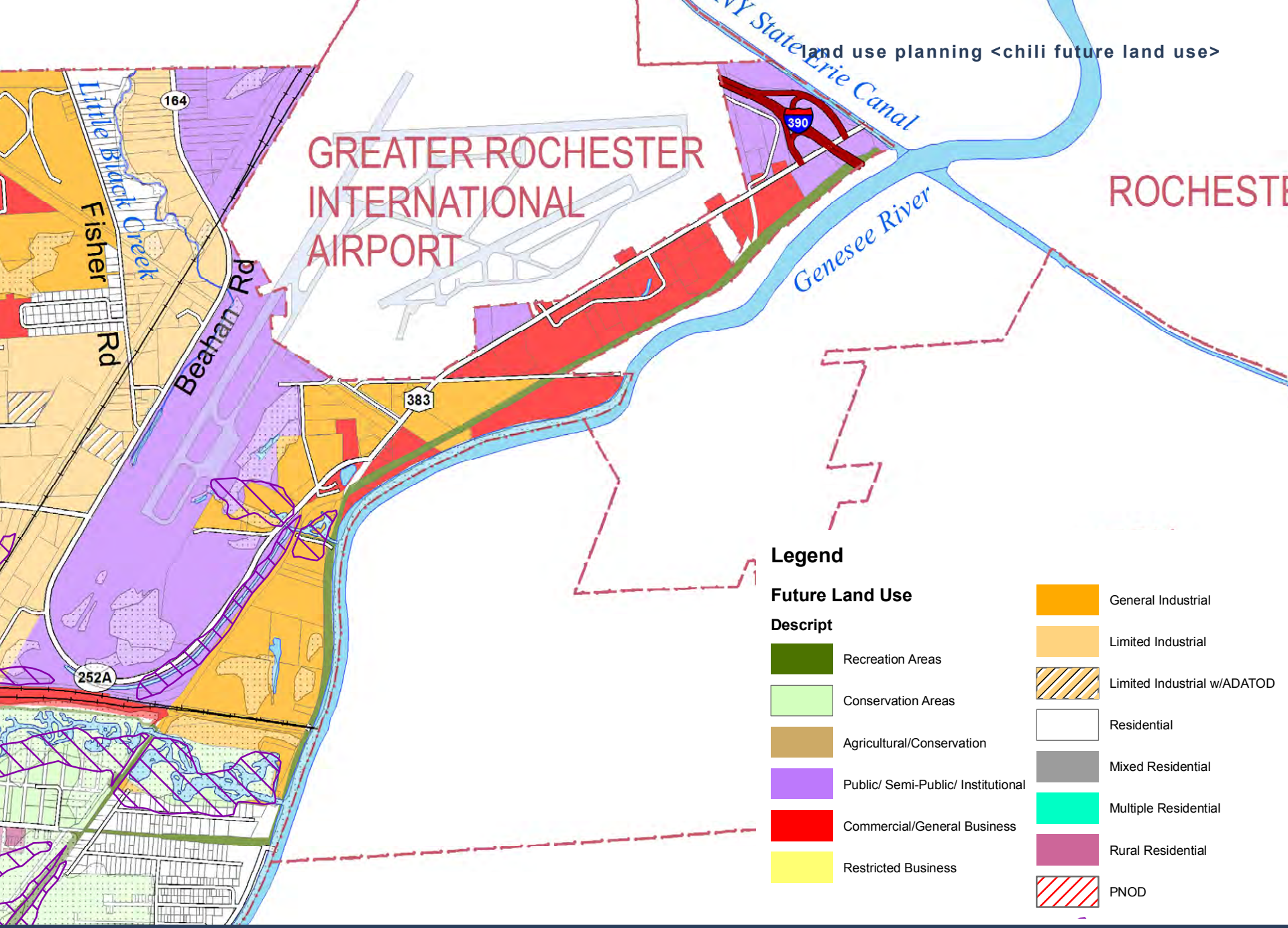
park avenue 18.8 / acre

south wedge 12.6 / acre

rochester average 9.6 / acre

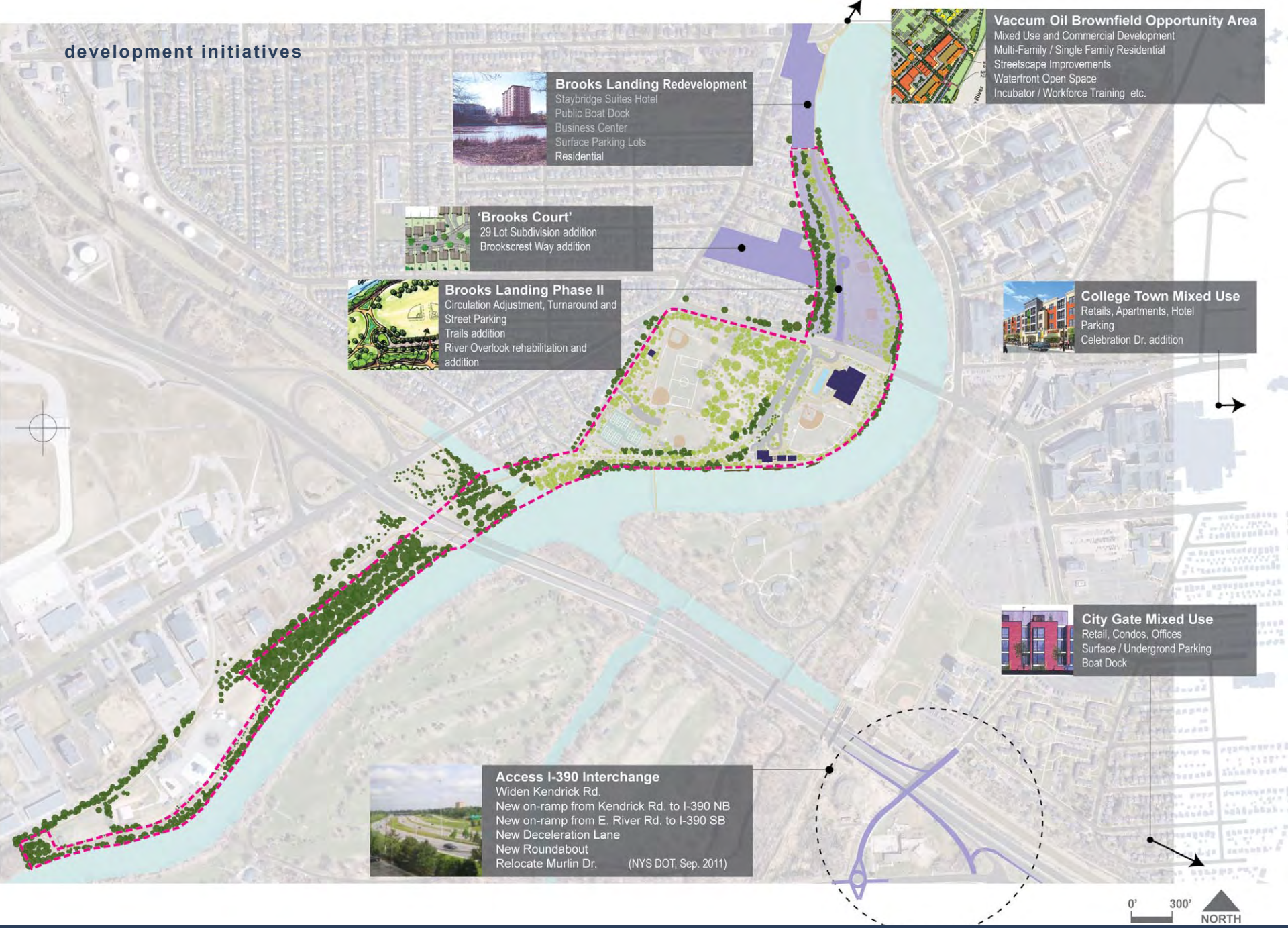



land use controls <roc zoning>


GREATER ROCHESTER INTERNATIONAL AIRPORT
ROCHESTE
NY State Erie Canal
Genesee River
Little Black Creek
Fisher Rd
Beahan Rd
164
390
383
252A
Legend
Future Land Use
Descript
Recreation Areas
Conservation Areas
Agricultural/Conservation
Public/ Semi-Public/ Institutional
Commercial/General Business
Restricted Business
General Industrial
Limited Industrial
Limited Industrial w/ADATOD
Residential
Mixed Residential
Multiple Residential
Rural Residential
PNOD

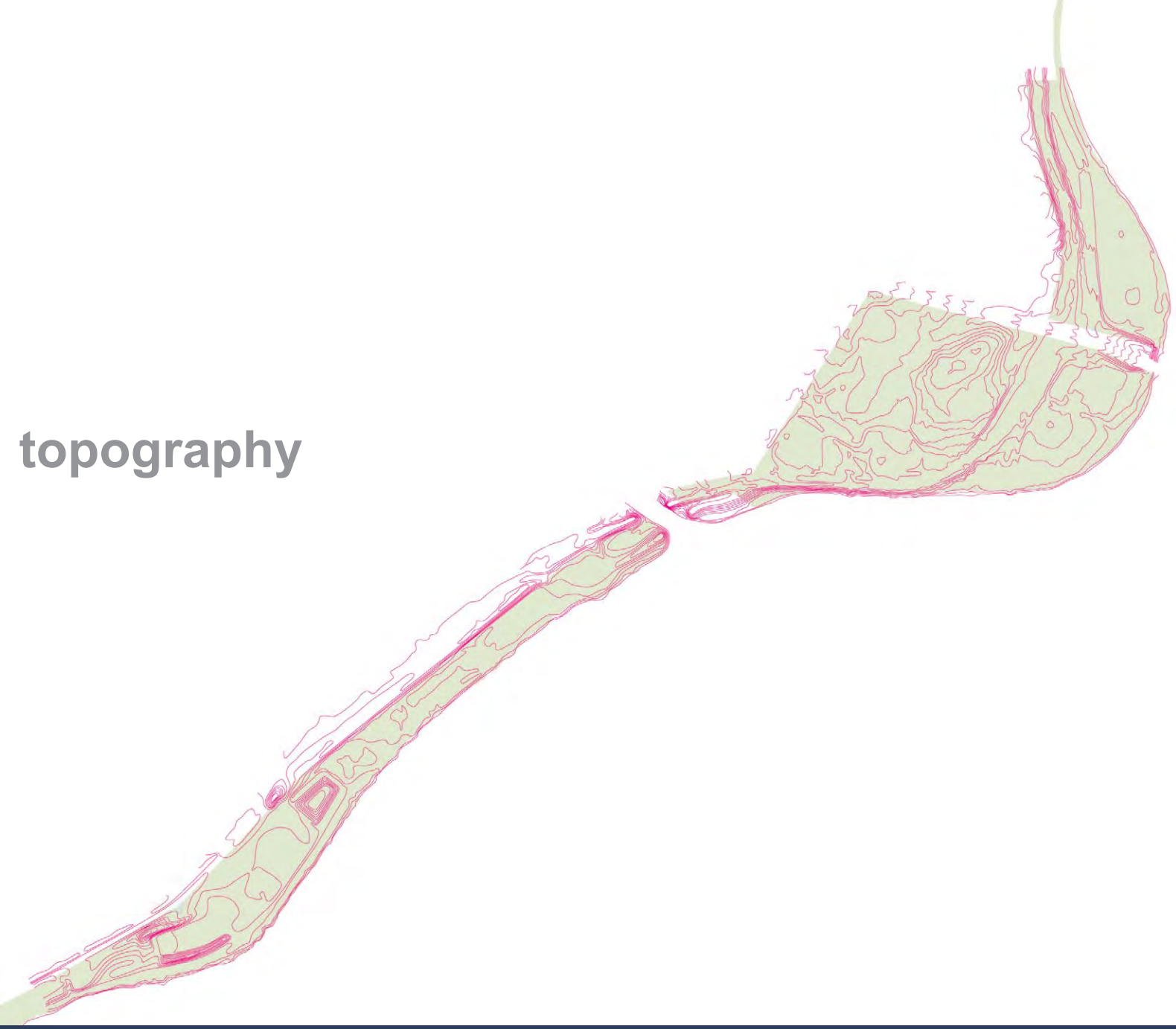
NEIGHBORHOOD CHARACTERISTICS

development initiatives



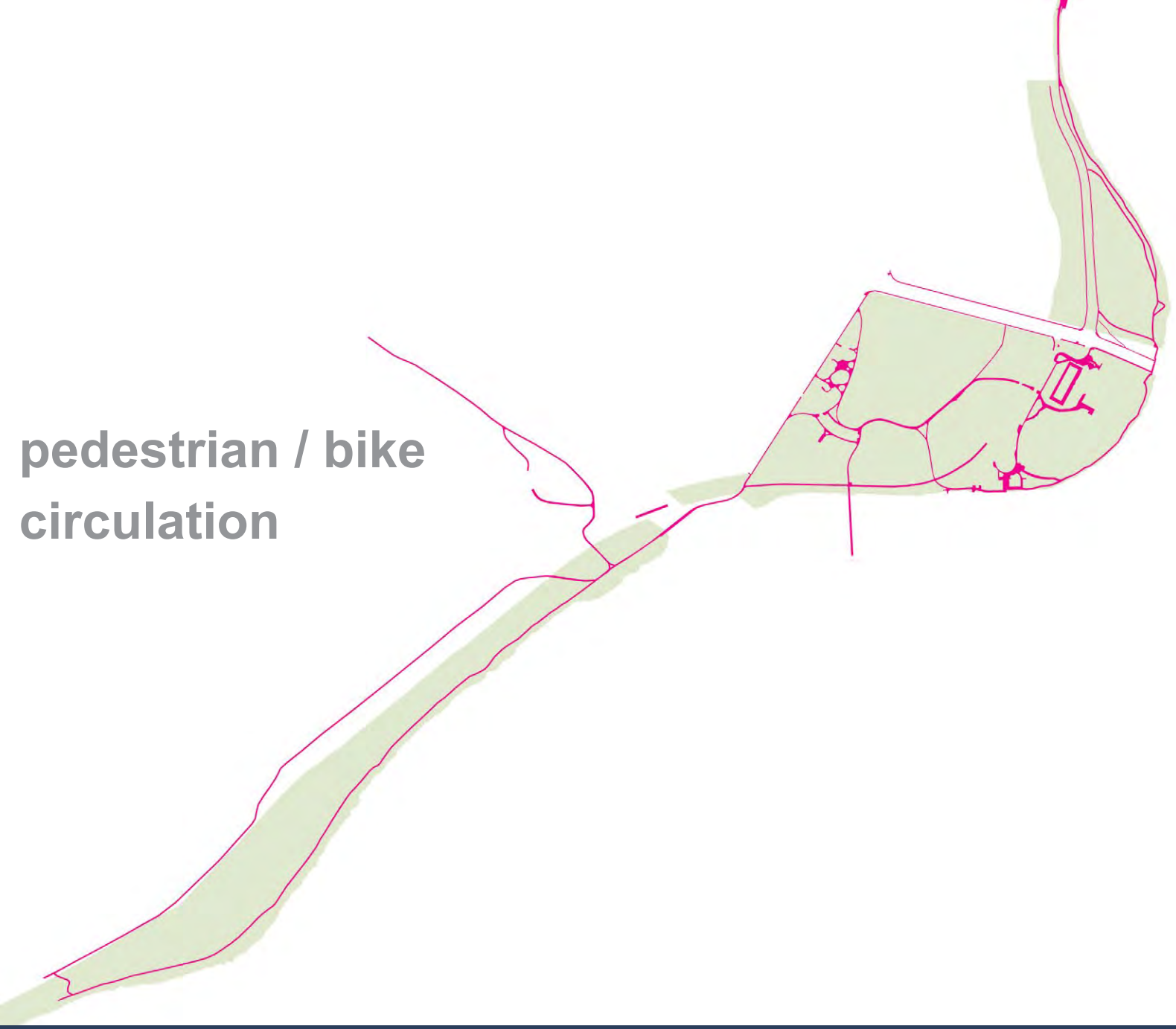
PARK FEATURES & USE

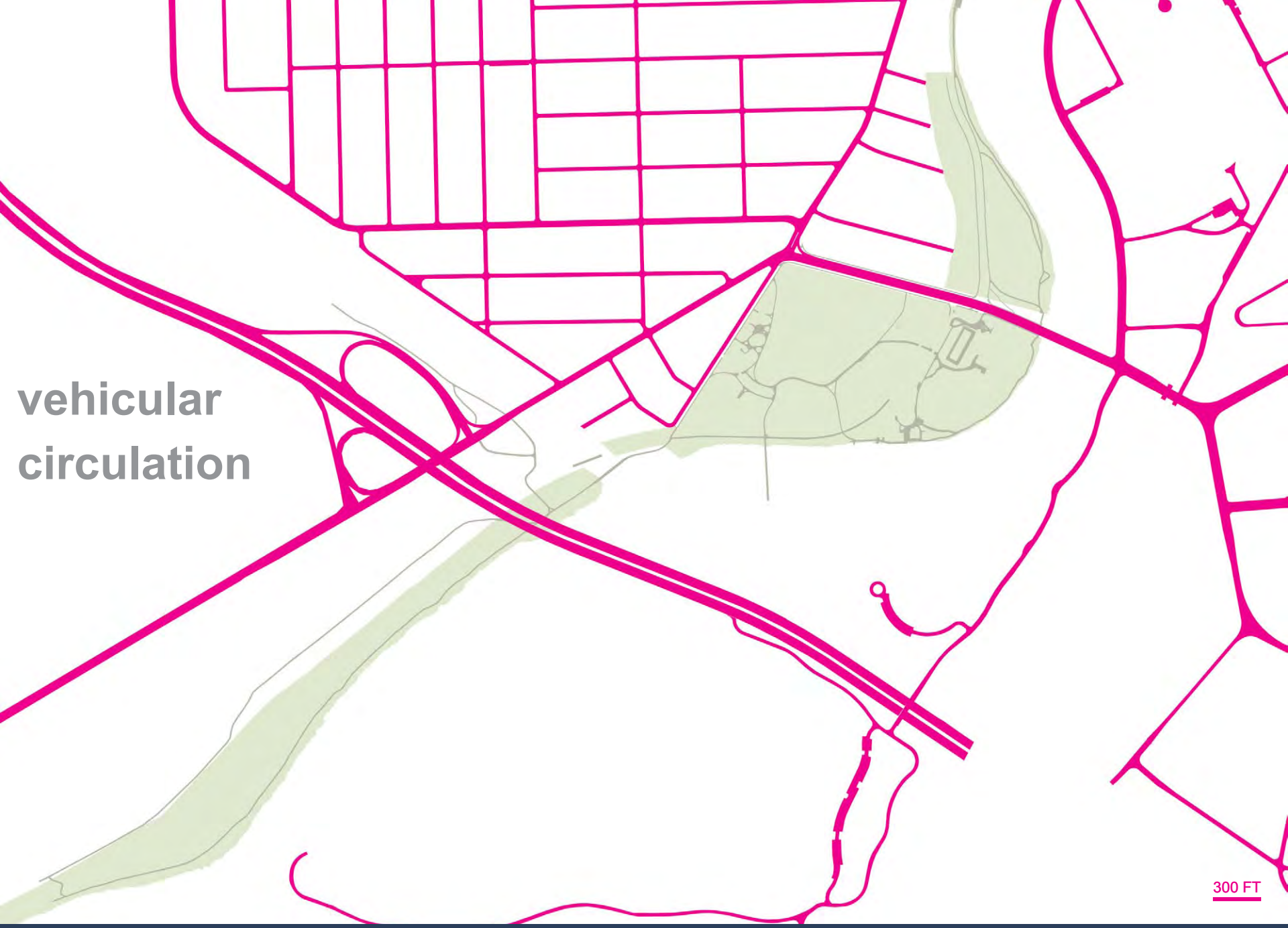
topography



300 FT

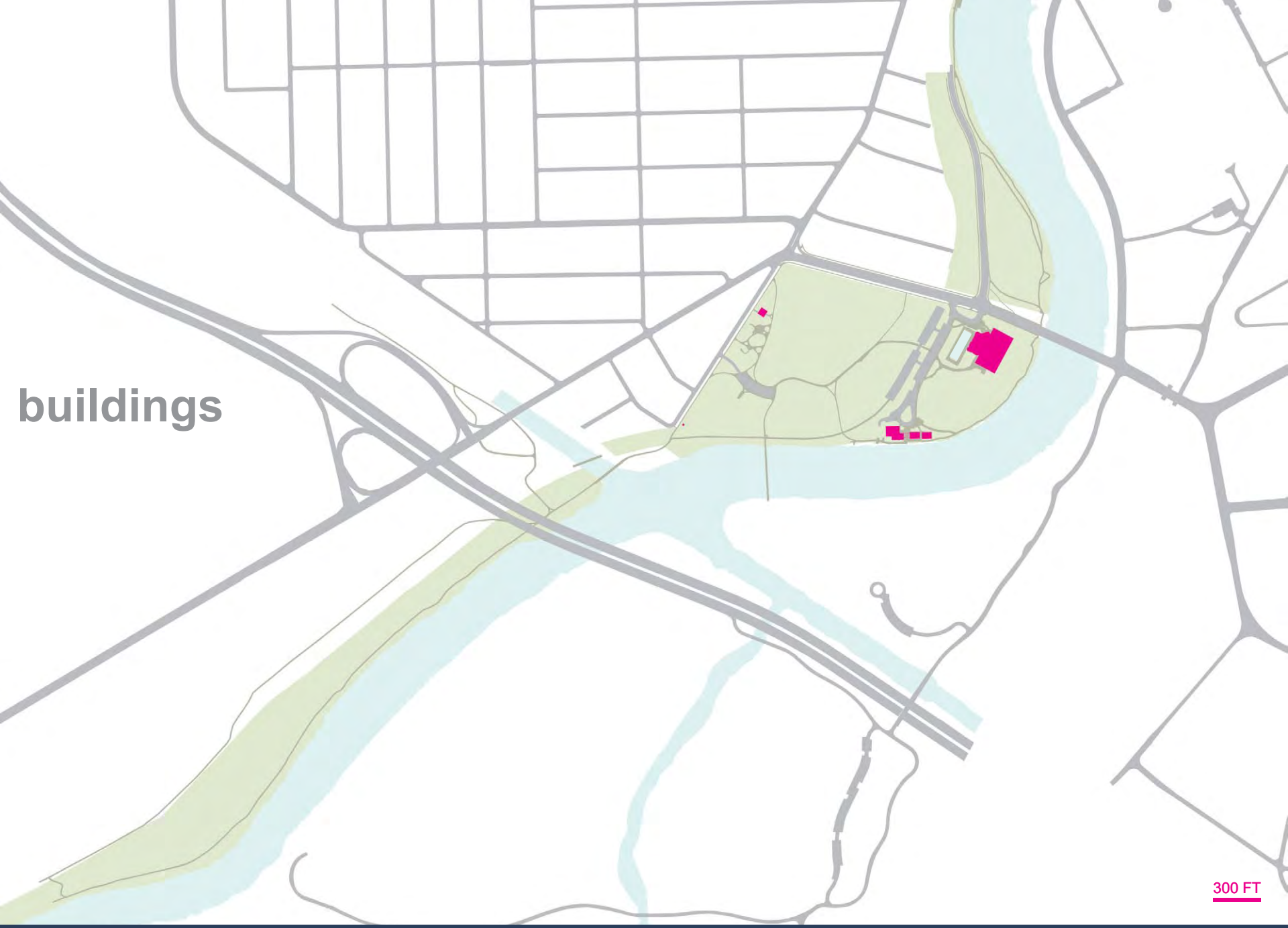
pedestrian / bike circulation



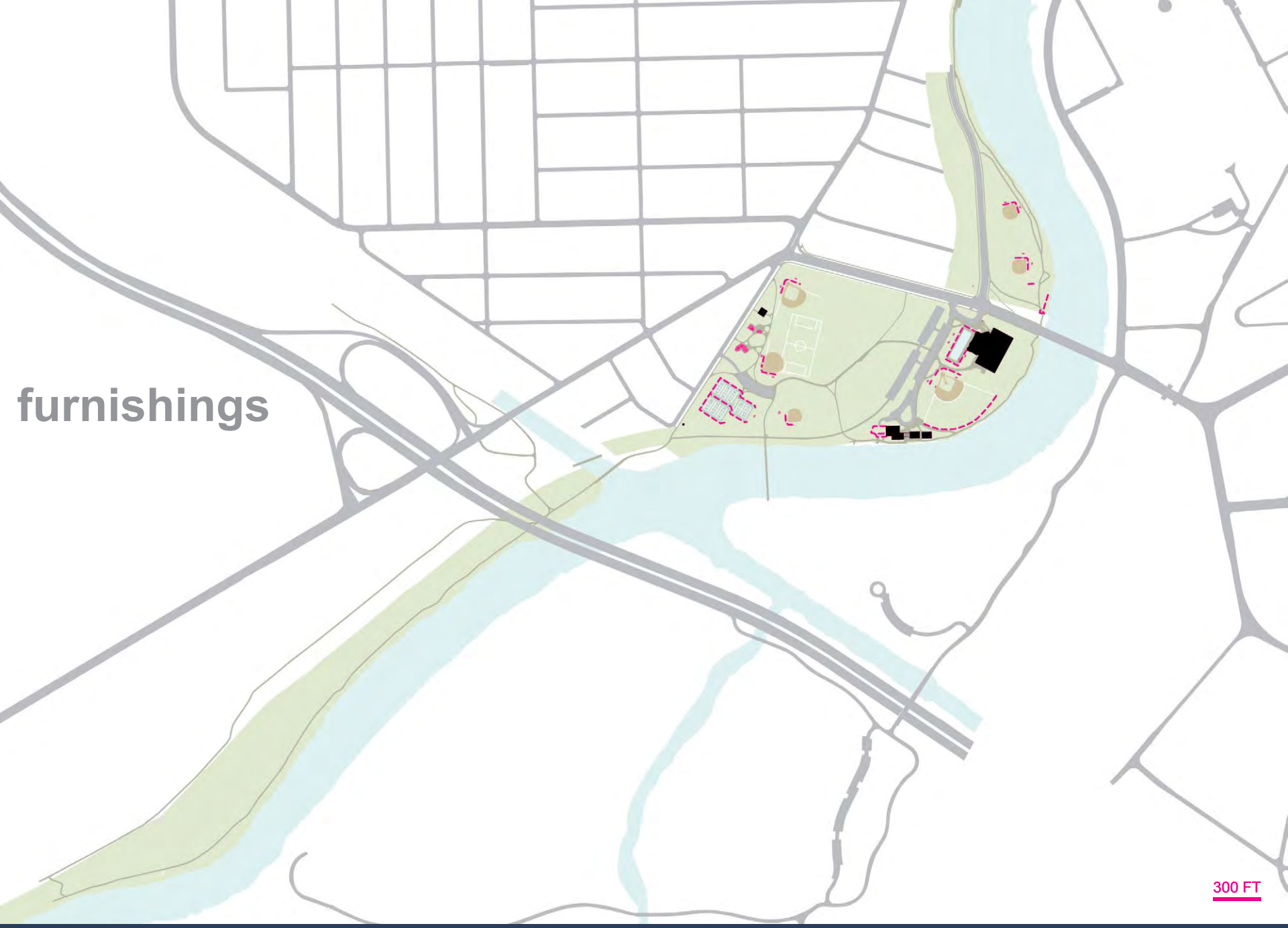

vehicular
circulation
300 FT

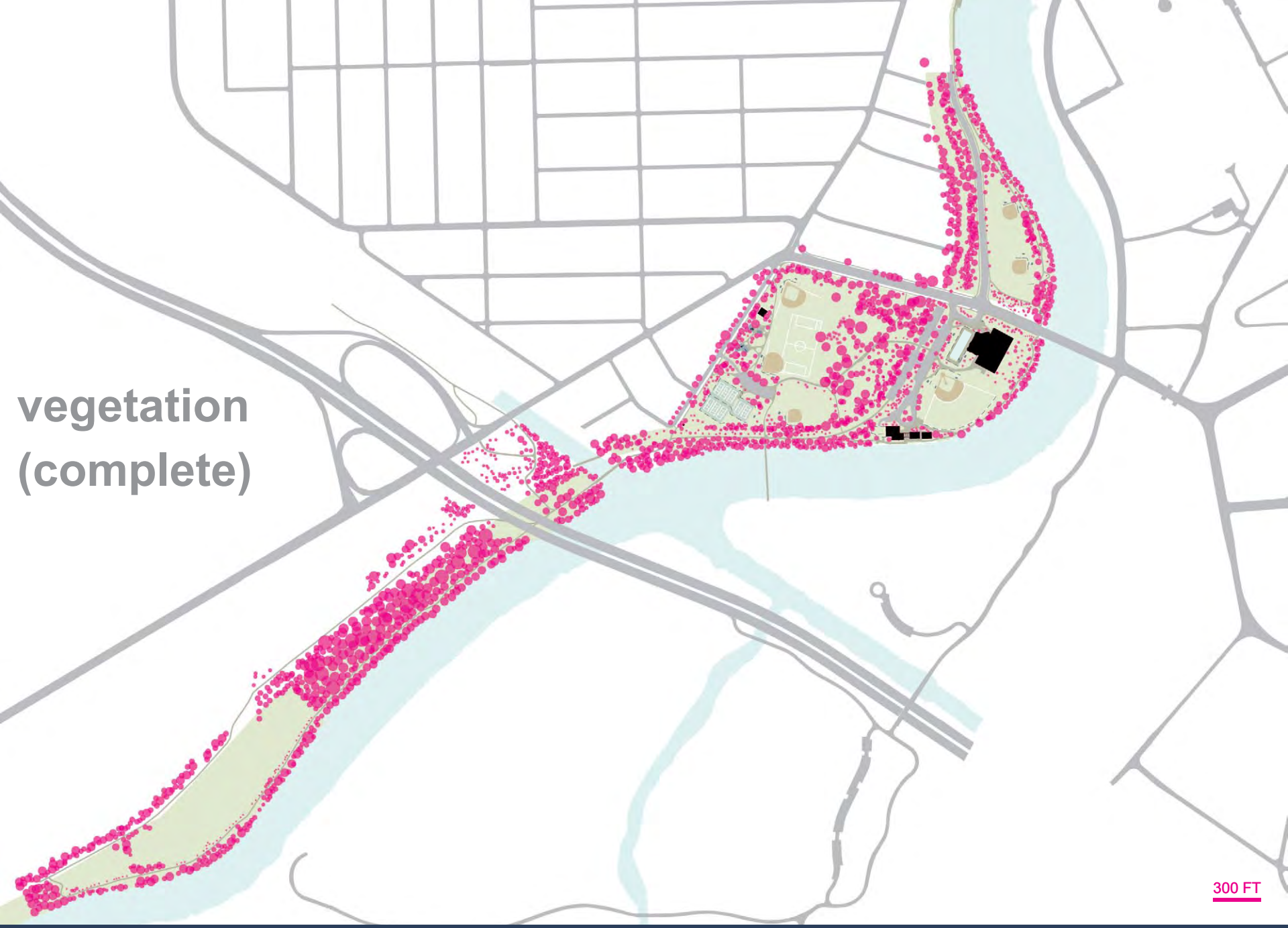
vehicular
circulation
(park)
300 FT

water
300 FT


buildings
300 FT

recreation
fields
300 FT

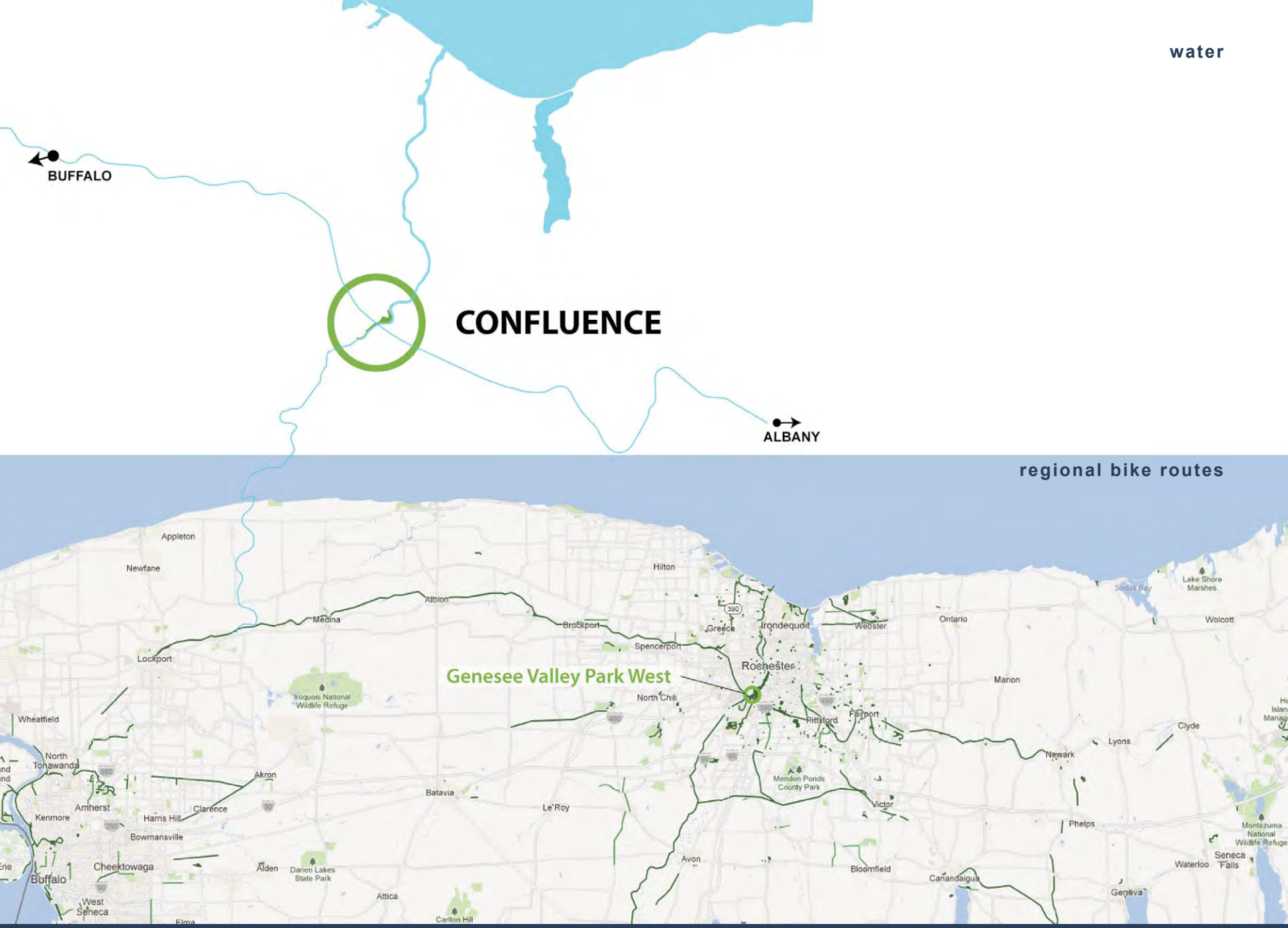

furnishings
300 FT


vegetation
(complete)
300 FT

vegetation
wooded
understory
300 FT

vegetation
individual
tree survey
300 FT

park
existing
conditions
300 FT


water
BUFFALO
CONFLUENCE
ALBANY
regional bike routes
Genesee Valley Park West
Appleton
Newfane
Hilton
Albion
Medina
Brockport
Greece
Irondequoit
Webster
Ontario
Wolcott
Lake Shore Marshes
Sodus Bay
Lockport
Spencerport
Rochester
Marion
Iroquois National Wildlife Refuge
North Chili
Wheatfield
Rittsford
Fairport
Clyde
Lyons
Newark
North Tonawanda
Akron
Mendon Ponds County Park
Batavia
Le Roy
Victor
Amherst
Kenmore
Harris Hill
Clarence
Bowmansville
Phelps
Montezuma National Wildlife Refuge
Seneca Falls
Waterloo
Cheektowaga
Buffalo
Alden
Darien Lakes State Park
Avon
Bloomfield
Canandaigua
Geneva
West Seneca
Attica
Carlton Hill
Elma

Athletic Fields (beyond)
Genesee Waterways Center and Boat Dock
U of R River Campus
Genesee Valley Sports Complex
Elmwood Ave. Bridge

I-390 Bridge
Olmsted Bridge
Athletic Fields (beyond)
Pedestrian Bridge
Barge Canal (eastbound)
Barge Canal (westbound)

VISUAL ANALYSIS / VIEWS

VISUAL ANALYSIS / VIEWS

tree survey

individual survey data

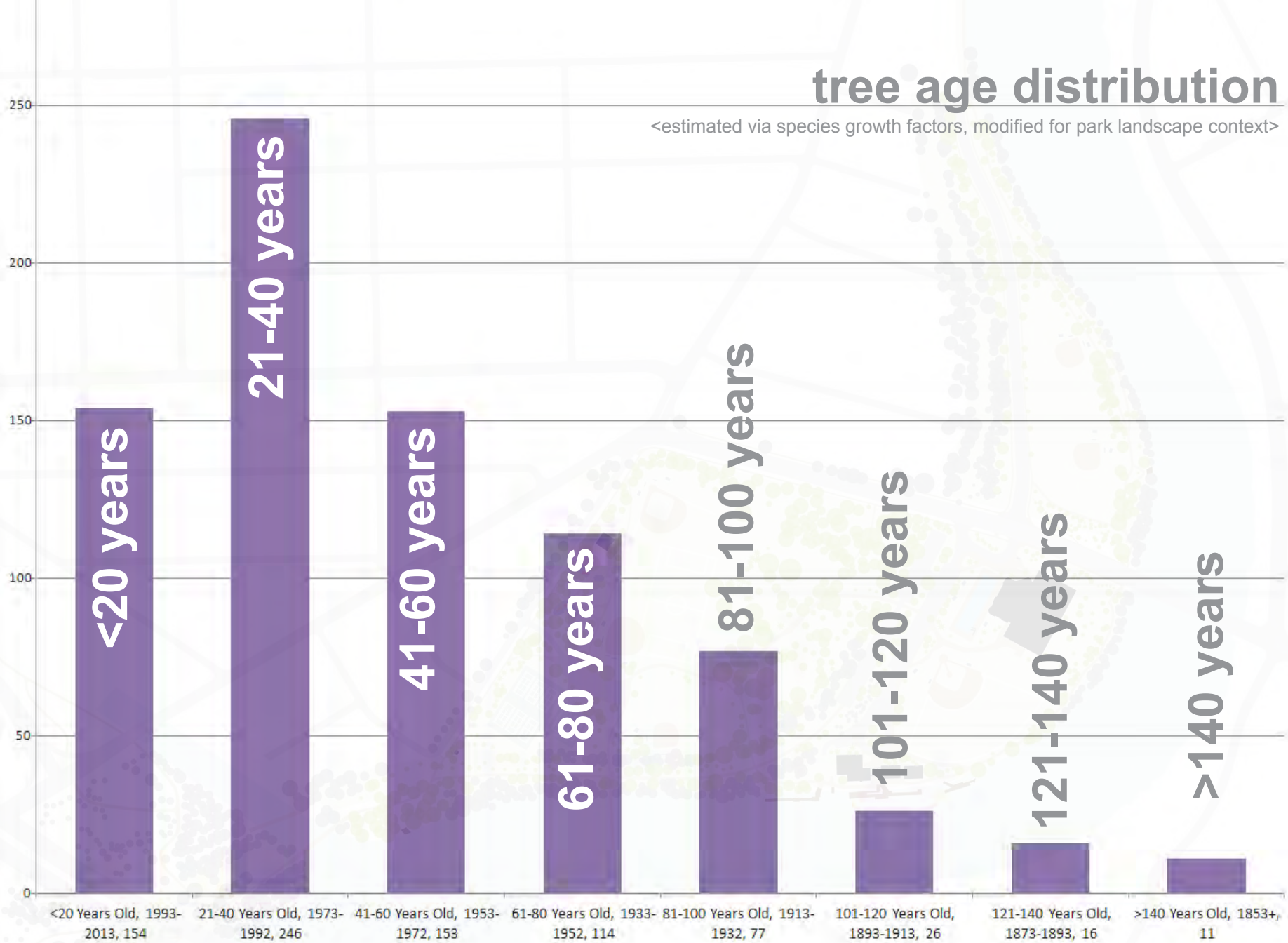
wooded area / understory

diversity

Zelkova
Willow
Walnut
Tuliptree
Sycamore
Sweetgum
Serviceberry
Sassafras
Redbud
Poplar
Planetree
Pine
Pear
Oak
Mulberry
Maple
Magnolia
Locust
Linden
Larch
Kentucky Coffee
Horse Chestnut
Hickory
Hawthorn
Ginkgo
Fir
Elm
Dogwood
Dawn Redwood
Crabapple
Cottonwood
Cherry
Cedar
Box Elder
Blackgum
Birch
Beech
Ash
Amur Maackia
Amur Corktree
Alder
Ailanthus
0
50
100
150
200

tree age distribution

<estimated via species growth factors, modified for park landscape context>

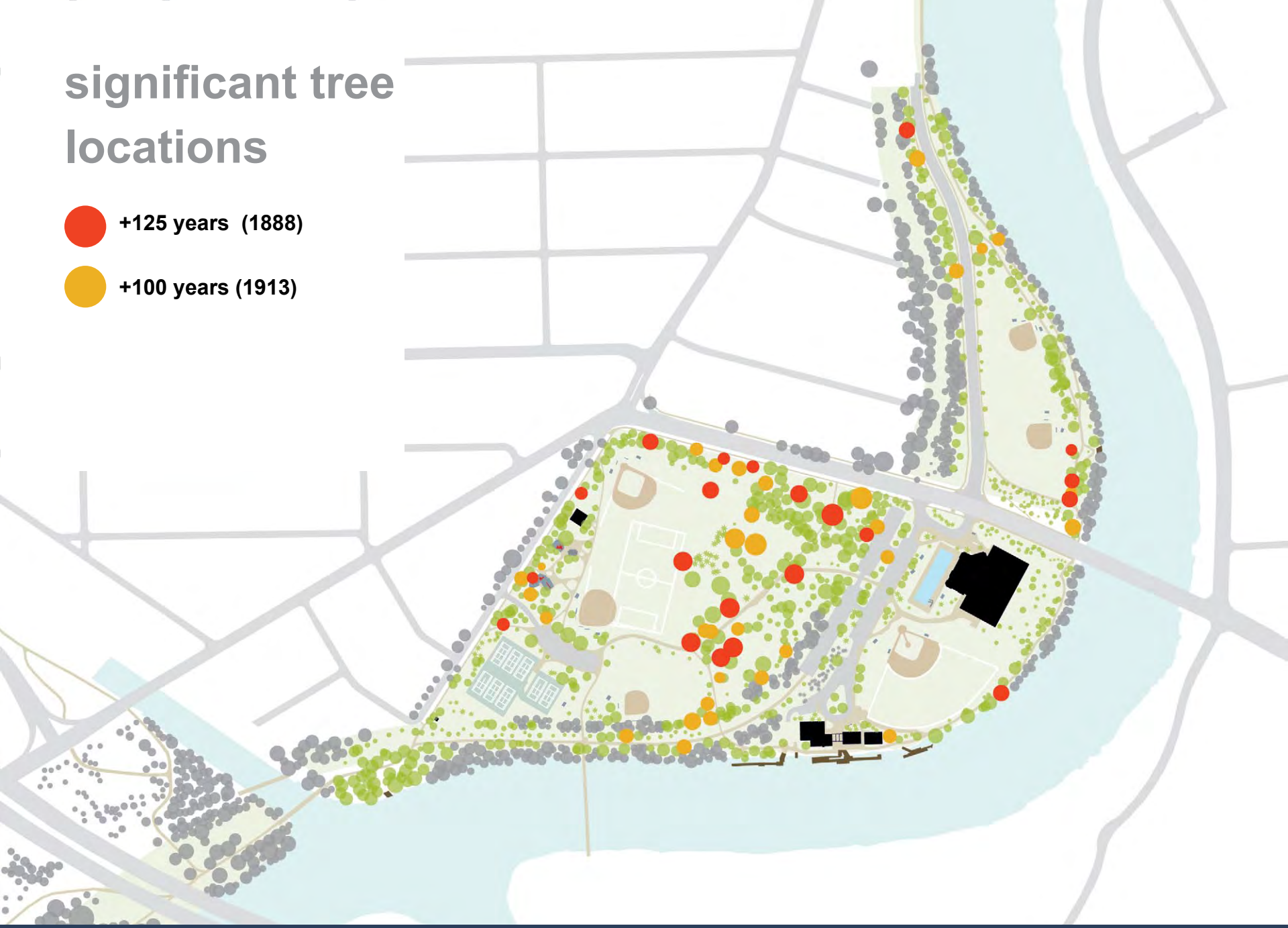


significant tree locations

+125 years (1888)

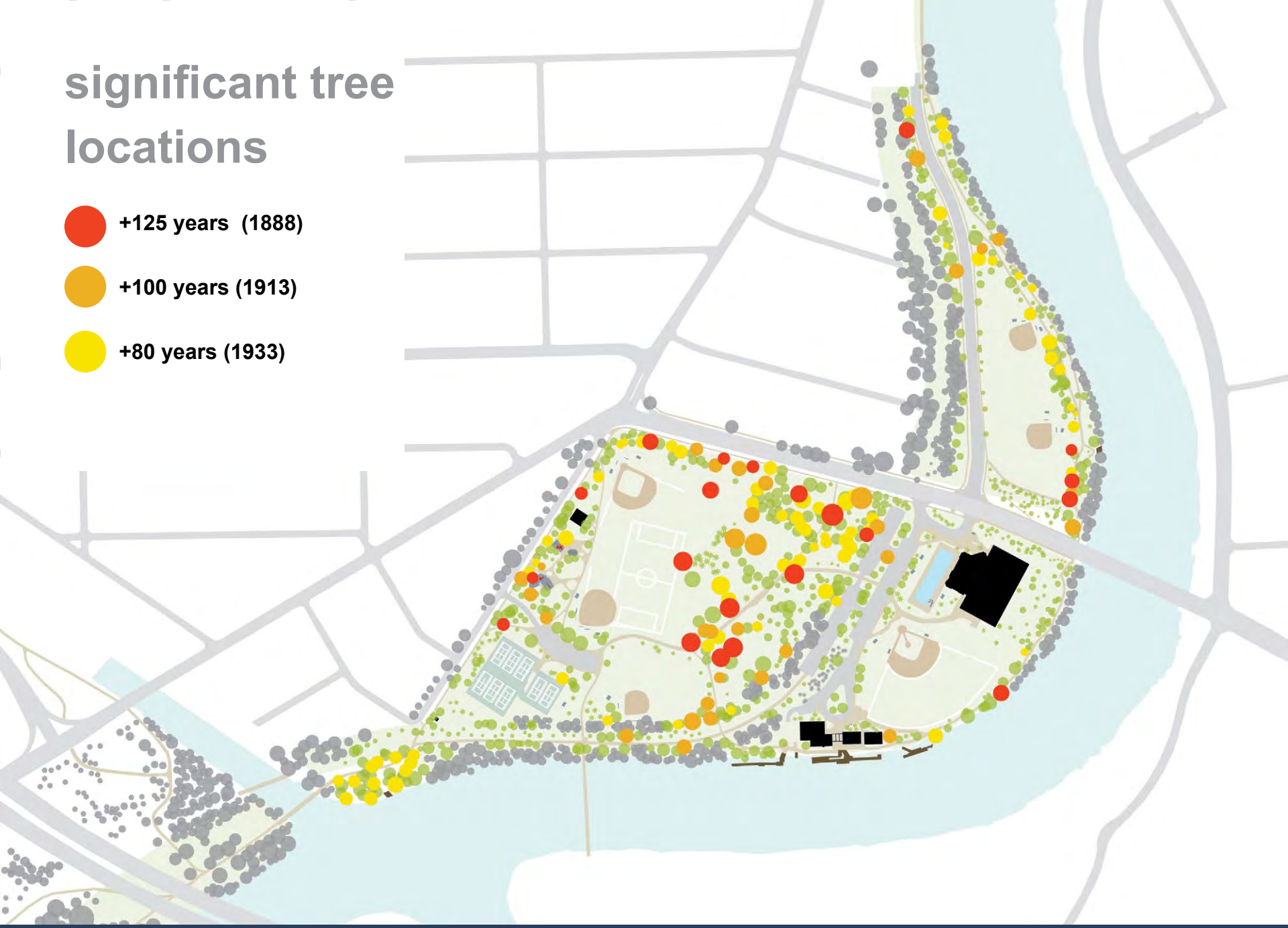
significant tree locations

- +125 years (1888)
- +100 years (1913)



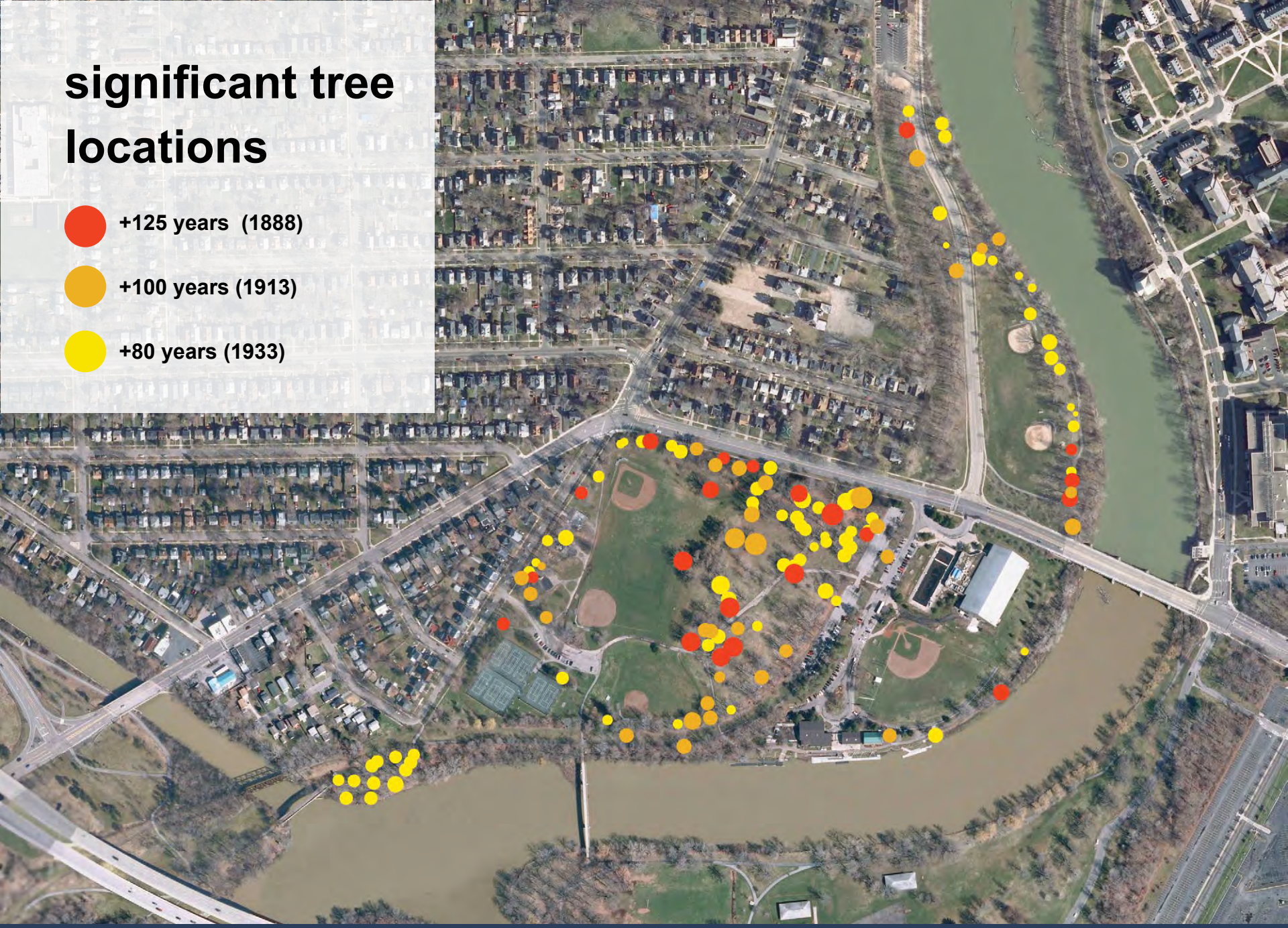
significant tree locations

- +125 years (1888)
- +100 years (1913)
- +80 years (1933)



significant tree locations

- +125 years (1888)
- +100 years (1913)
- +80 years (1933)



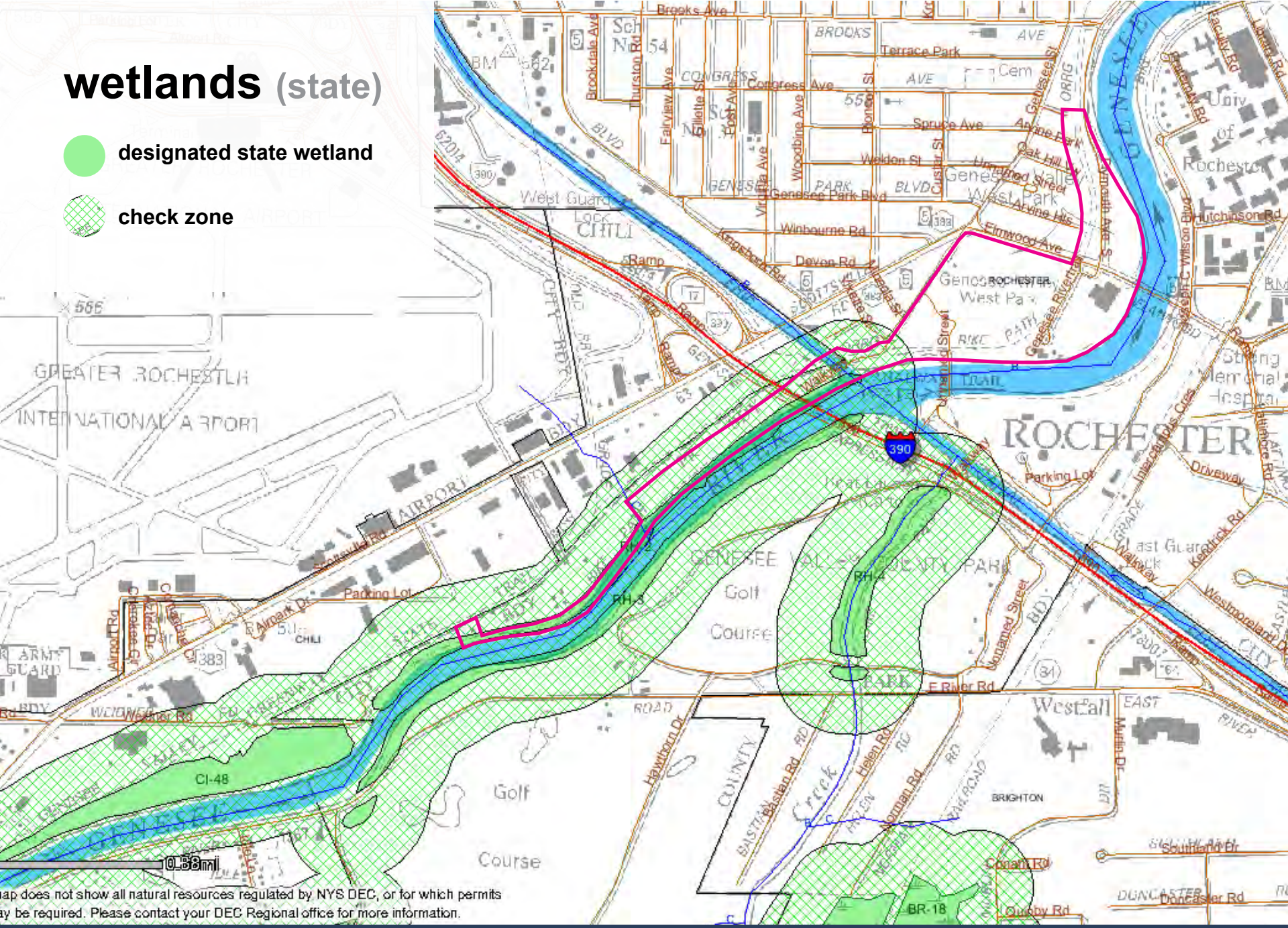
floodplain

100-year (1% probability)

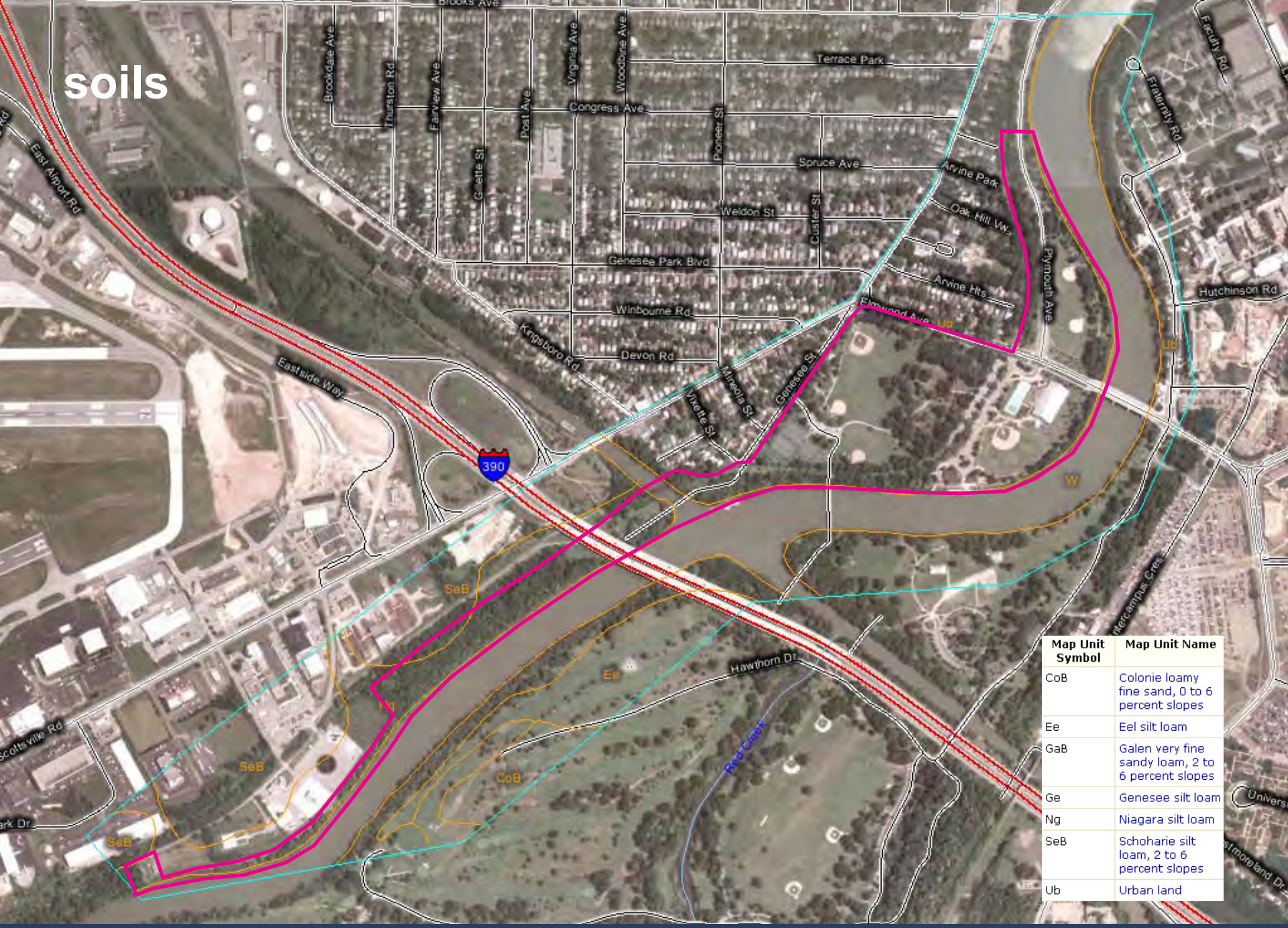
500-year (0.2% probability)

wetlands (state)

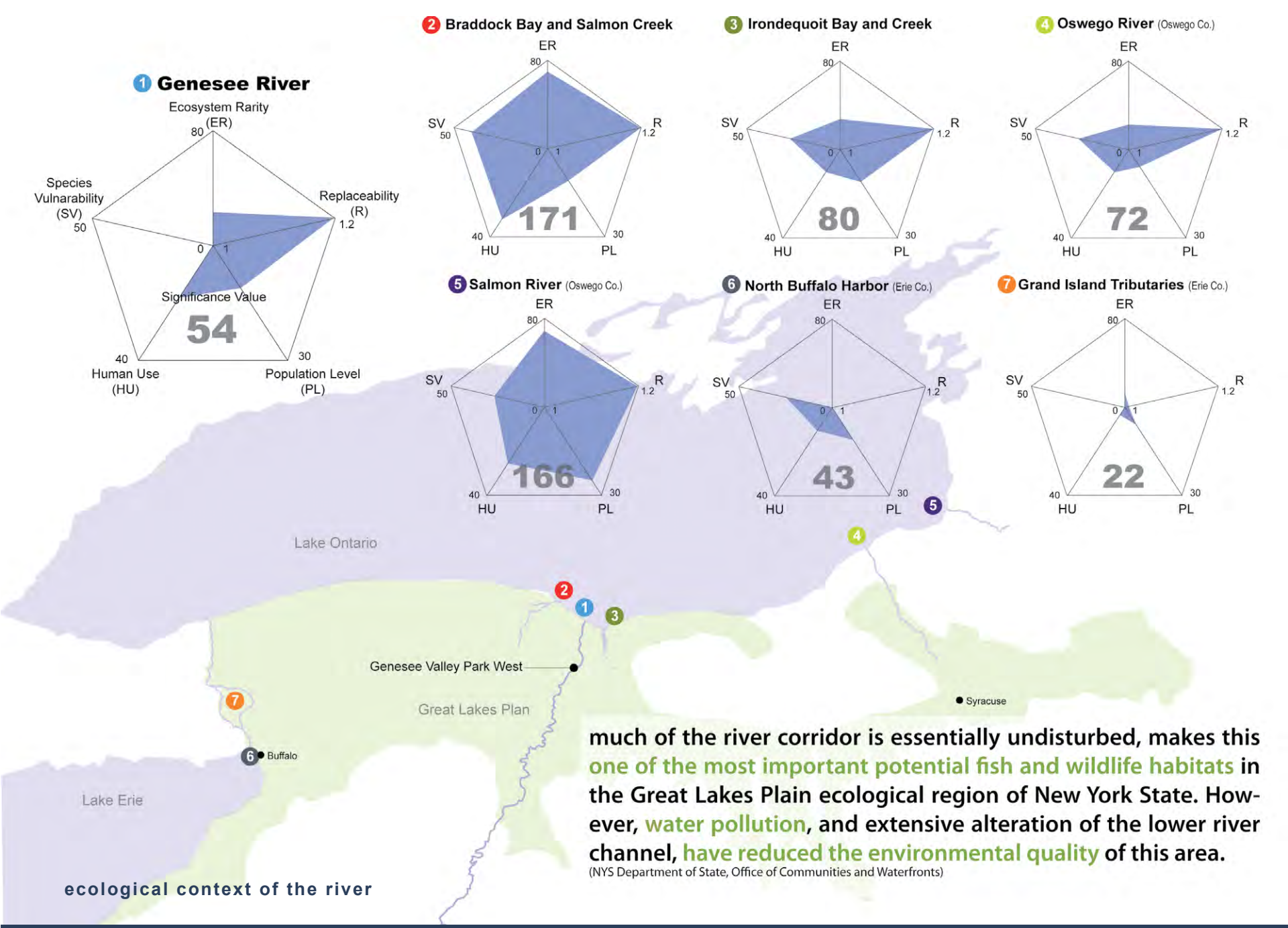
- designated state wetland
- check zone



soils



Map Unit Symbol	Map Unit Name
CoB	Colonie loamy fine sand, 0 to 6 percent slopes
Ee	Eel silt loam
GaB	Galen very fine sandy loam, 2 to 6 percent slopes
Ge	Genesee silt loam
Ng	Niagara silt loam
SeB	Schoharie silt loam, 2 to 6 percent slopes
Ub	Urban land



much of the river corridor is essentially undisturbed, makes this one of the most important potential fish and wildlife habitats in the Great Lakes Plain ecological region of New York State. However, water pollution, and extensive alteration of the lower river channel, have reduced the environmental quality of this area.
(NYS Department of State, Office of Communities and Waterfronts)

ecological context of the river

100+ Bird Species

Mallard
Wood Duck
Great Horned Owl
Red-tailed Hawk
Spotted Sandpiper
Belted Kingfisher
Red-winged Blackbird
Swamp Sparrow
(Source NYS DOS)

Sharp shinned Hawk
Cooper's Hawk
Northern Pintail
American Black Duck
Anthus rubescens
Ruby Throated Hummingbird
Great Egret
Great Blue Heron
Tufted Titmouse
Canada Goose
House Finch
Purple Finch
Turkey Vulture
Brown Creeper

Mute Swan
European Starling
Northern Cardinal
American Crow
Blue Jay
American Gold Finch
Evening Grossbeak
Pine sisken
Redpoll
Eastern Kingbird
Eastern Phoebe
Great Crested Flycatcher
Wild Turkey
Rose Breasted Grossbeak
Green Heron
Brown Headed Cowbird
Common Grackle
Northern Oriole
Blue Gray Gnatcatcher
Golden Crowned Kinglet
Ruby Crowned Kinglet
Gray Catbird
Northern Mockingbird
Common Nighthawk

Red Breasted Nuthatch
White Breasted Nuthatch
Black Capped Chickadee
American Woodcock
Solitary Sandpiper
American Tree Sparrow
Chipping Sparrow
Dark Eyed Junco
Eastern Towhee
Fox Sparrow
White Crowned Sparrow
White Throated Sparrow
Barn Swallow
Tree Swallow
Chimney Swift
Scarlet Tanager
American Robin
Eastern Bluebird
Grey Cheeked Thrush
Hermit Thrush
Swainson's Thrush
Wood Thrush
Veery
Blue Headed Vireo

Philadelphia Vireo
Red Eyed Vireo
Warbling Vireo
American Redstart
Bay Breasted Warbler
Black and White Warbler
Black Throated Blue Warbler
Black Throated Green Warbler
Blackburnian Warbler
Blue Winged Warbler
Chestnut Sided Warbler
Common Yellowthroat
Magnolia Warbler
Nashville Warbler
Northern Waterthrush
Palm Warbler
Pine Warbler
Yellow Rumped Warbler
Yellow Warbler
Worm Eating Warbler
Cedar Waxwing
Downy Woodpecker

Hairy Woodpecker
Northern Flicker
Pileated Woodpecker
Red Bellied Woodpecker
Red Headed Woodpecker
Yellow Bellied Sapsucker
Carolina Wren
House Wren
(Source ORNIS and Ramsey Lab)

13+ Fish Species

Tessellated darter
Blackside darter
(Source ORNIS)

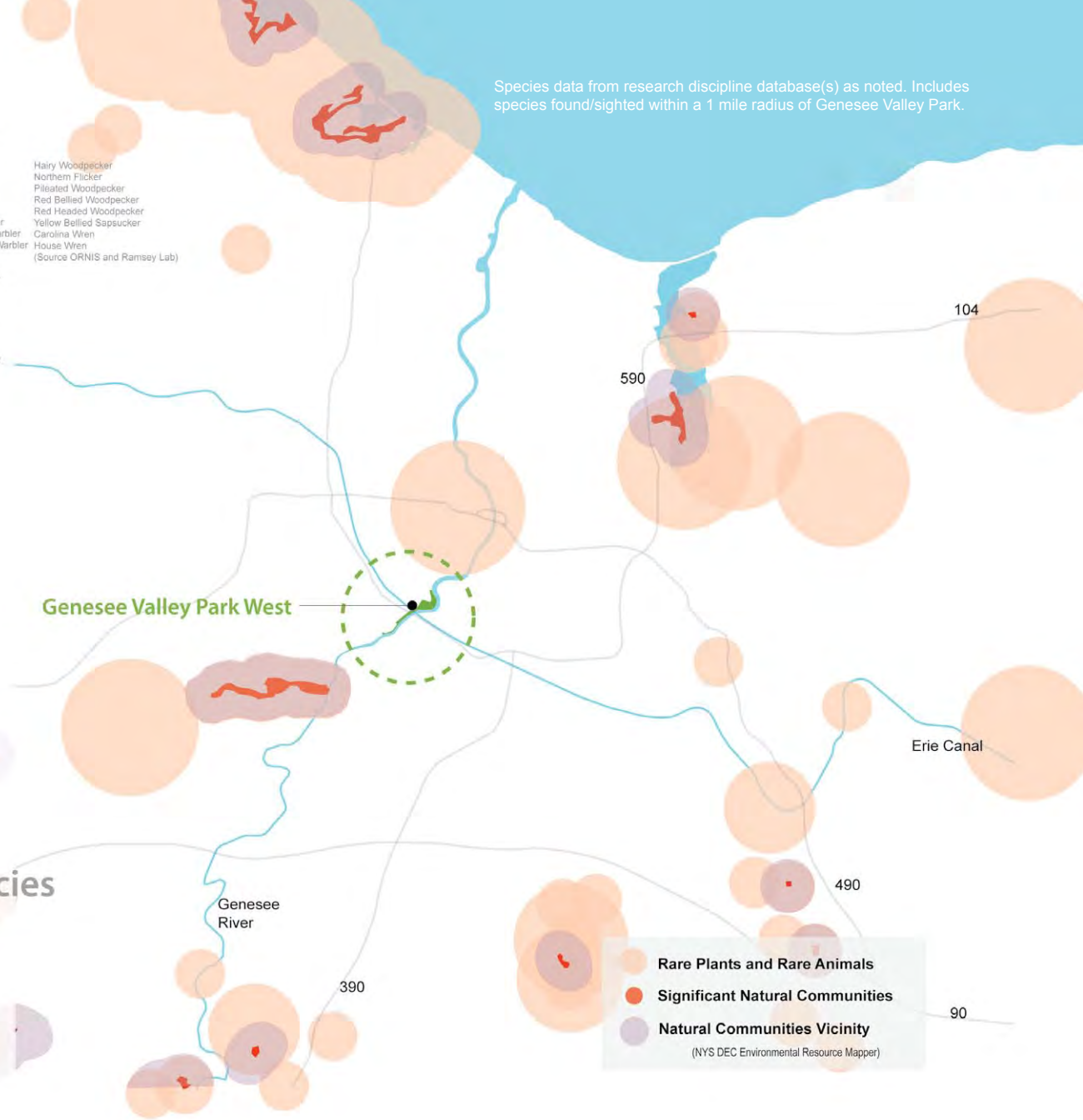
Smallmouth Bass
Brown bullhead
Northern Pike
Channe Catfish
Walleye
Carp
White Sucker
Coho
Chinook Salmon
Brown trout
Steelhead
(Source NYS DOS)

28+ Other Wildlife Species

Racoon
Muskrat
Norther Water Snake
Painted Turtle
(Source NYS DOS)

White-tailed Deer
Eastern Gray Squirrel
Red Squirrel
Northern Flying Squirrels
Southern Flying Squirrels
Eastern Chipmunks
Woodchucks
Eastern Cottontails

American Beaver
Gray Foxes and Red Foxes
mice
voles
shrews
bats
Spring Peepers
Green Frogs
Bull Frogs
Chorus Frogs
American Toads
Salamanders
Garter Snakes

Northern Brown Snakes
Red Bellied Snakes
Common Snapping Turtle
(Source Ramsey Lab)

Species data from research discipline database(s) as noted. Includes species found/sighted within a 1 mile radius of Genesee Valley Park.