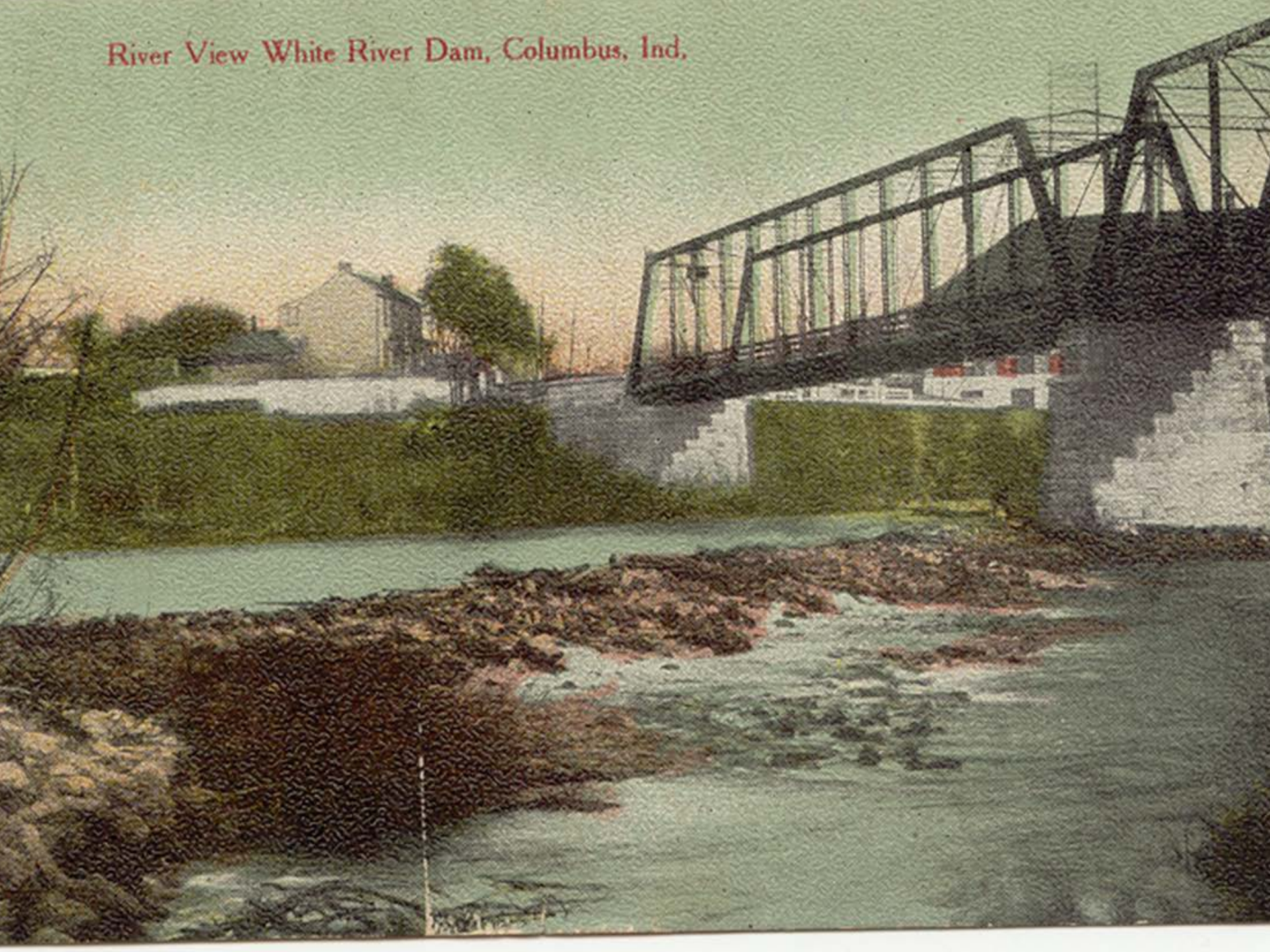
Columbus
RIVERFRONT
Public Open House
November 8, 2017


River View White River Dam, Columbus, Ind.

Stay Connected

- Project webpage:

  www.columbusriverfront.org

- Email:

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Process

Opportunity Analysis

Resources
Marketplace
Stakeholders
Outreach
Analysis
Memorandum

Alternative Riverfront Concepts

Strategy
Alternative Concepts
Hydraulic Testing
Market Impacts
Preferred Concept
Implementation
Outreach

Riverfront Concept Plan

Finalize Concept
Priority Actions
Riverfront Guidelines
Outreach
Report

Goal

Create and sustain an iconic riverfront experience that strengthens Columbus' distinctive brand and robust economy.

Objectives

- Superbly connect
- Attract residents, workers, visitors
- Complement rich cultural tradition
- Incrementally construct

riverfront
today

Opportunity

Resources

River

Land

Structures

Infrastructure

Environmental

Culture

Funding

The Site

Area:

- East Bank: 1 acre
- West Bank: 13.4 acres
- River: 5 acres
- **Total: 19.4 acres**

Length:

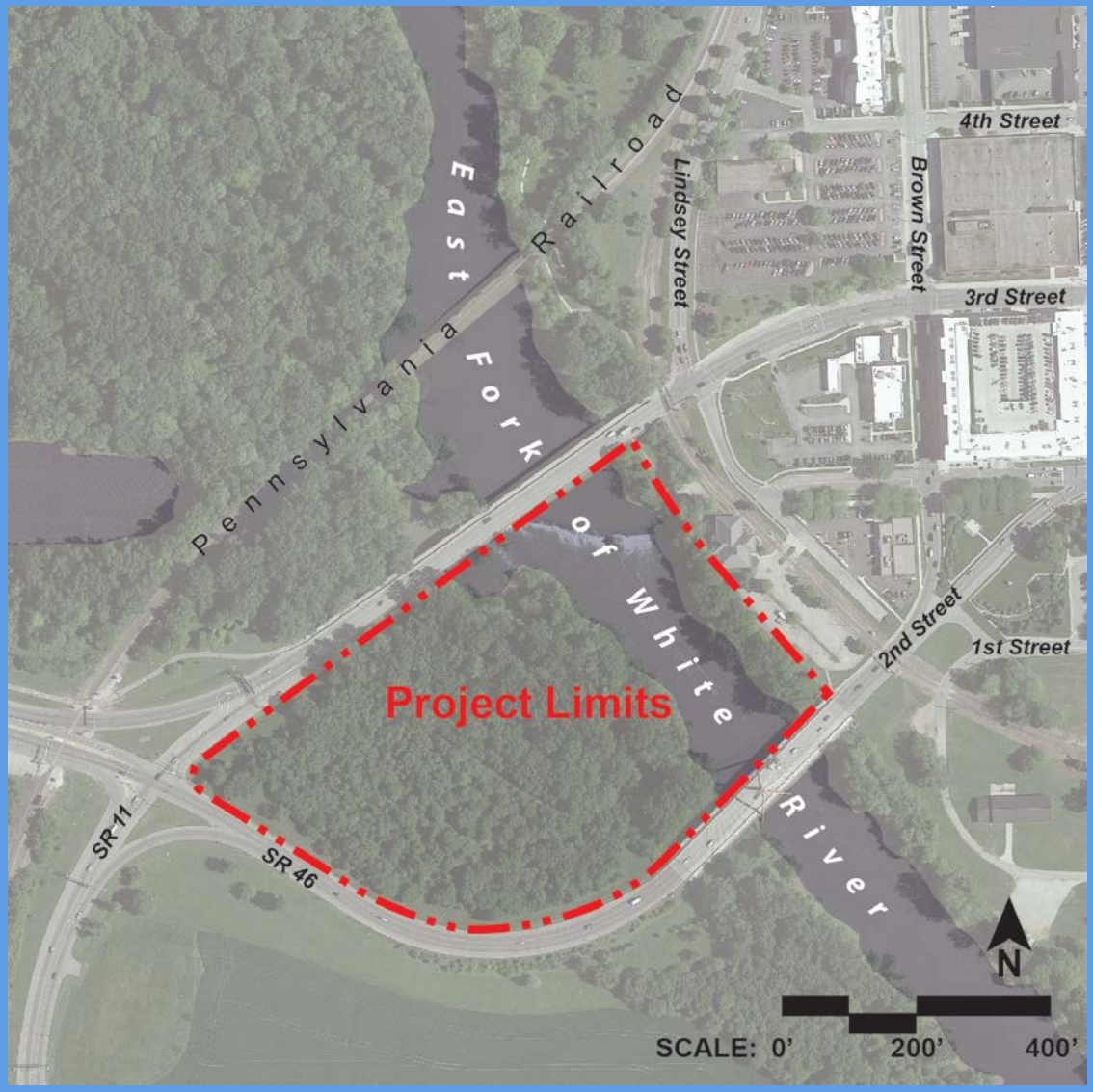
- 737 feet

Location:

- Front door
- Downtown
- Mill Race Park

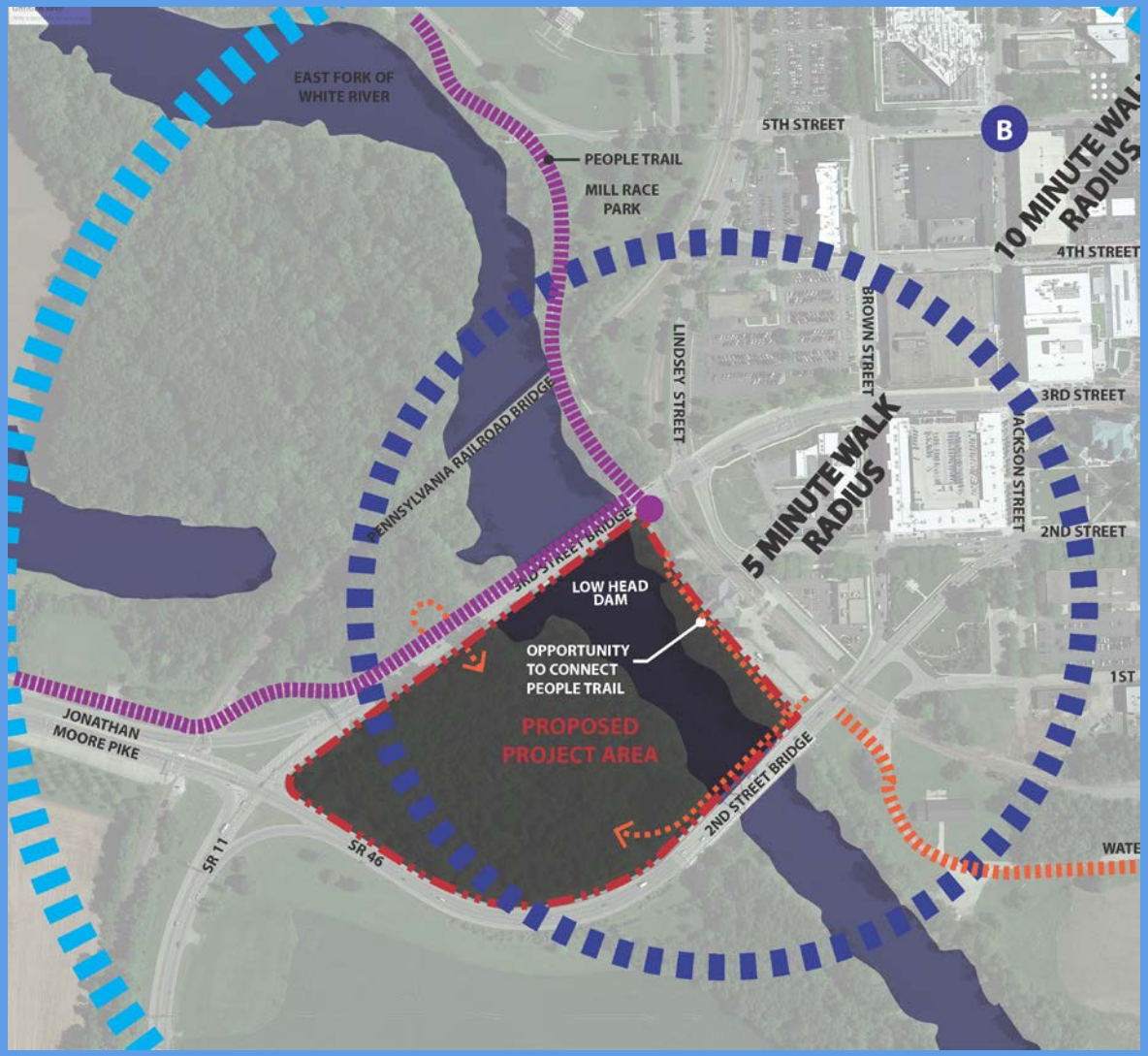
Use:

- Historic
- Current



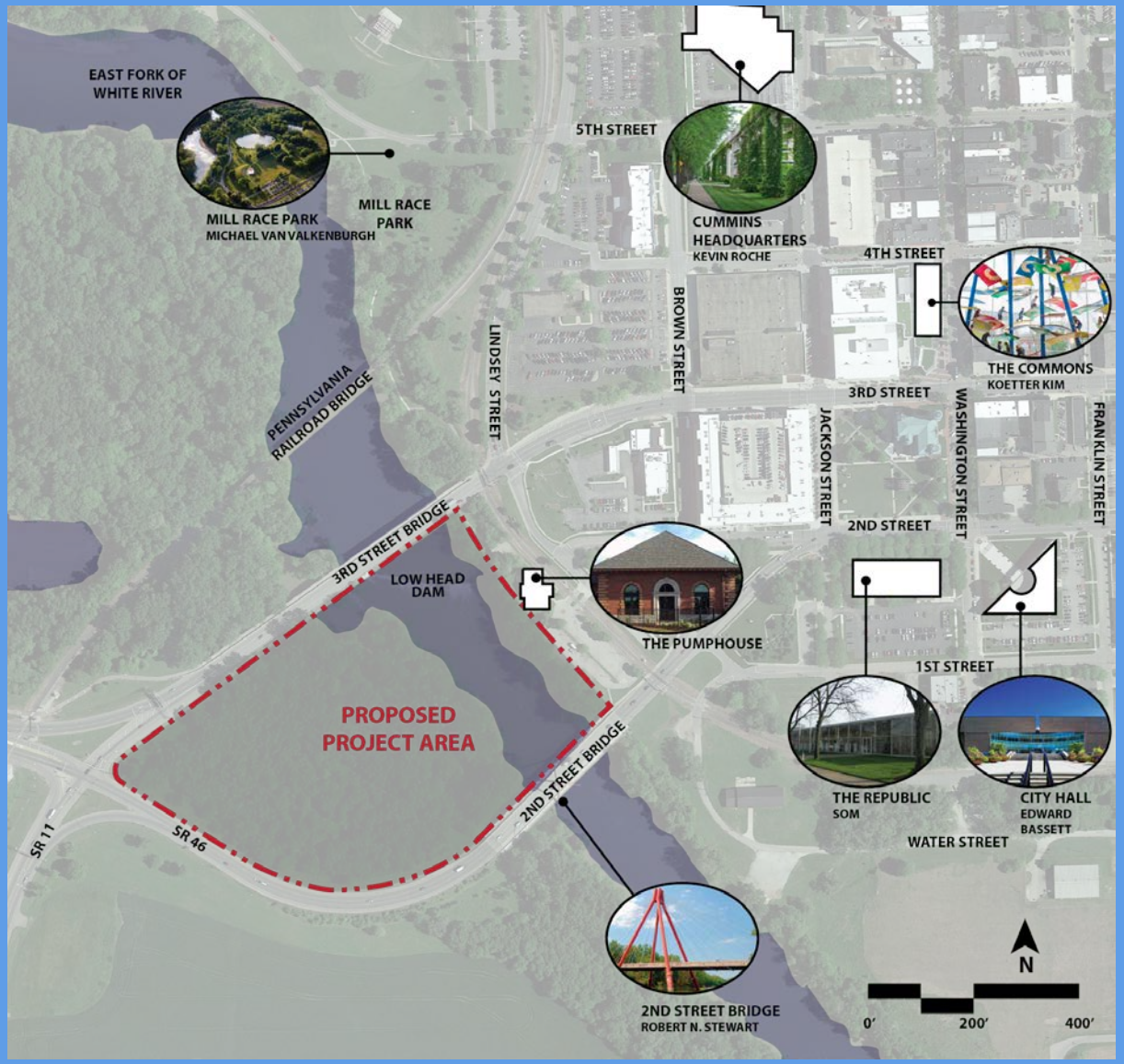
Access

- To downtown
- To the river
- Along the river
- In the river



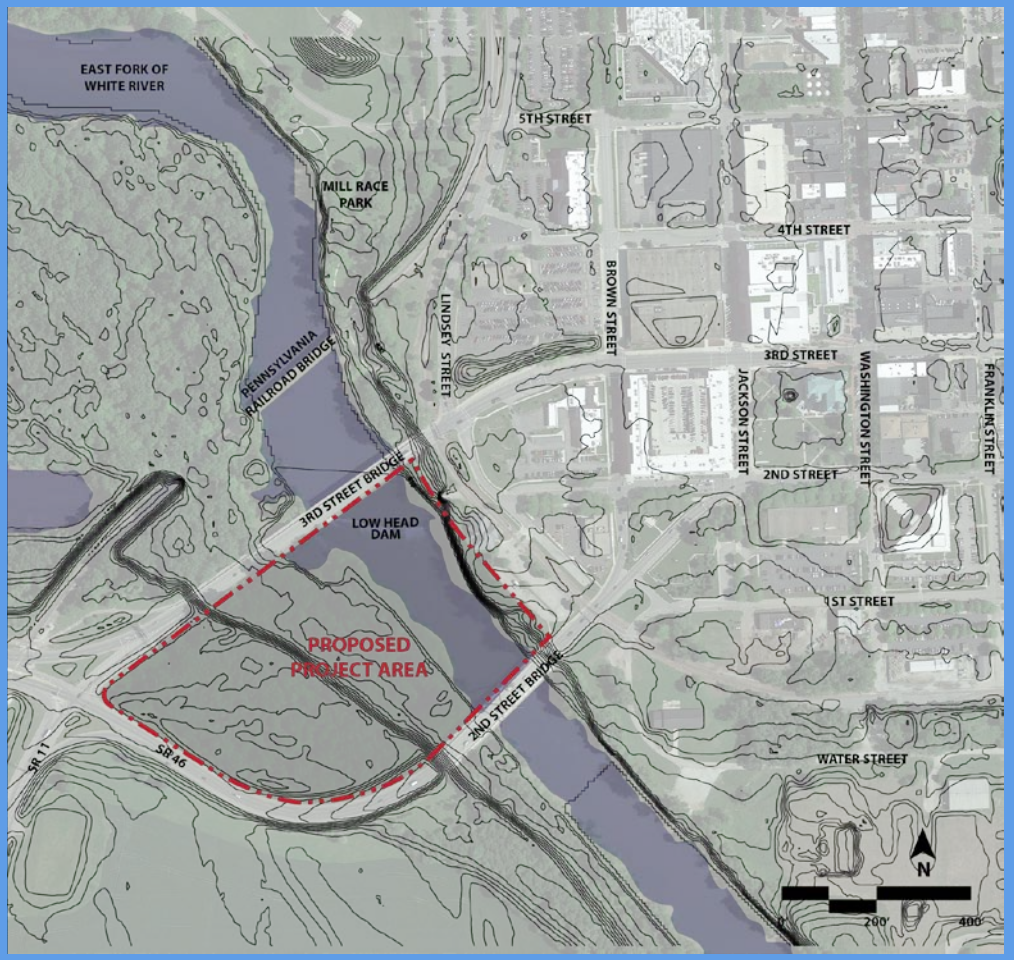
Amenities

- Architecture
- Landmarks
- Natural Features
- Parks
- Playgrounds
- People Trail
- Boat Launch
- Restaurants
- Public art



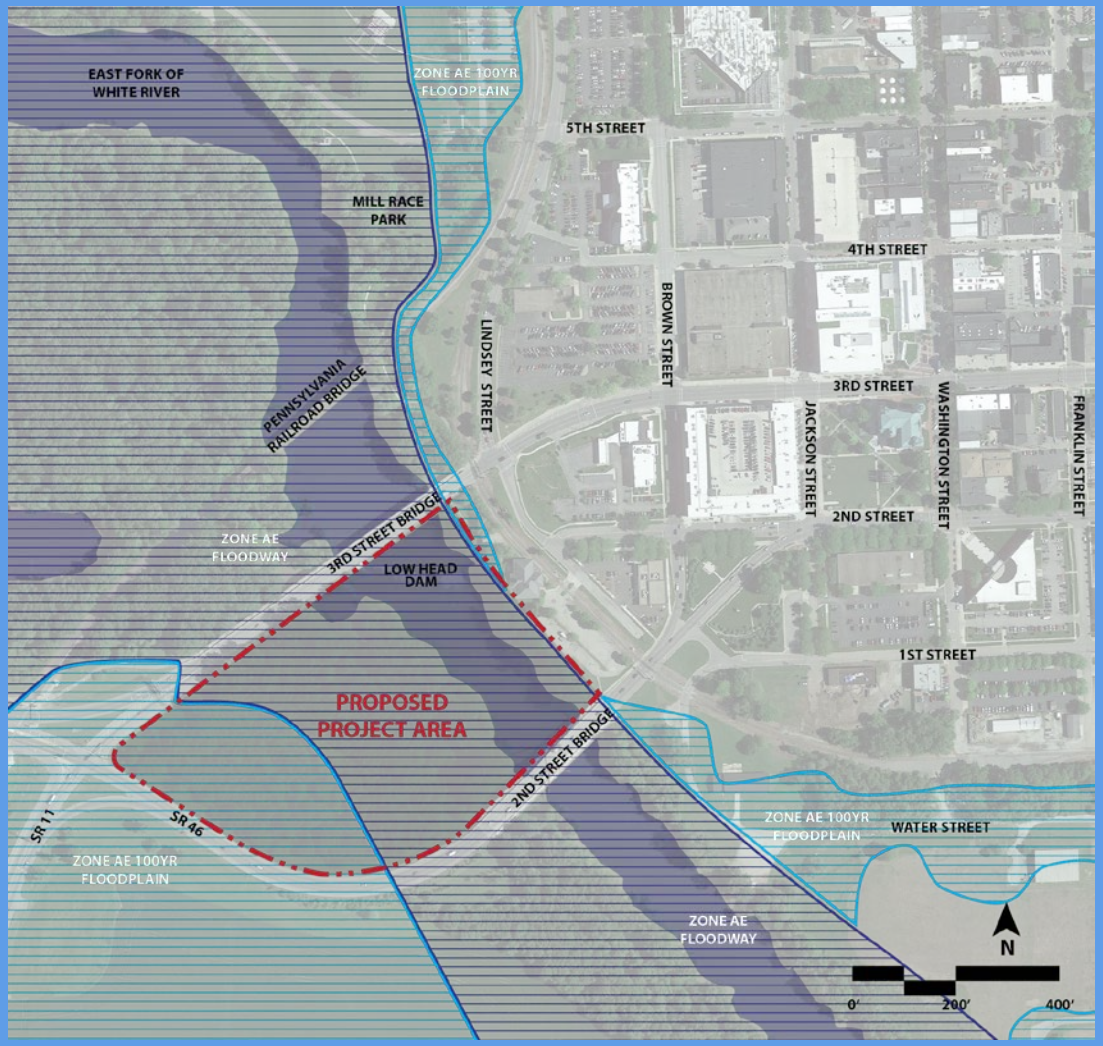
Topography

- Steep/High banks
  - West Bank: 21’ Elevation change
  - East Bank: 18’ Elevation Change
- Bridge constrictions
- Floodplain connectivity



Hydrology

- Floodway
- Floodplain
- Low Head Dam



Low Head Dam

6 ft x 350 ft

Safety

Navigation

Water quality

Wildlife passage

Proposed Road/Rail

- Realigned, grade separated rail crossing
- Realigned SR 46
- New front door

Marketplace

- Demographics
- Activities
- Tourism
- Trends
- Best Practices

Demographics

- Faster growth rate
- Household size increasing
- 48,480 resident population
- 9400 workers within 15 minutes

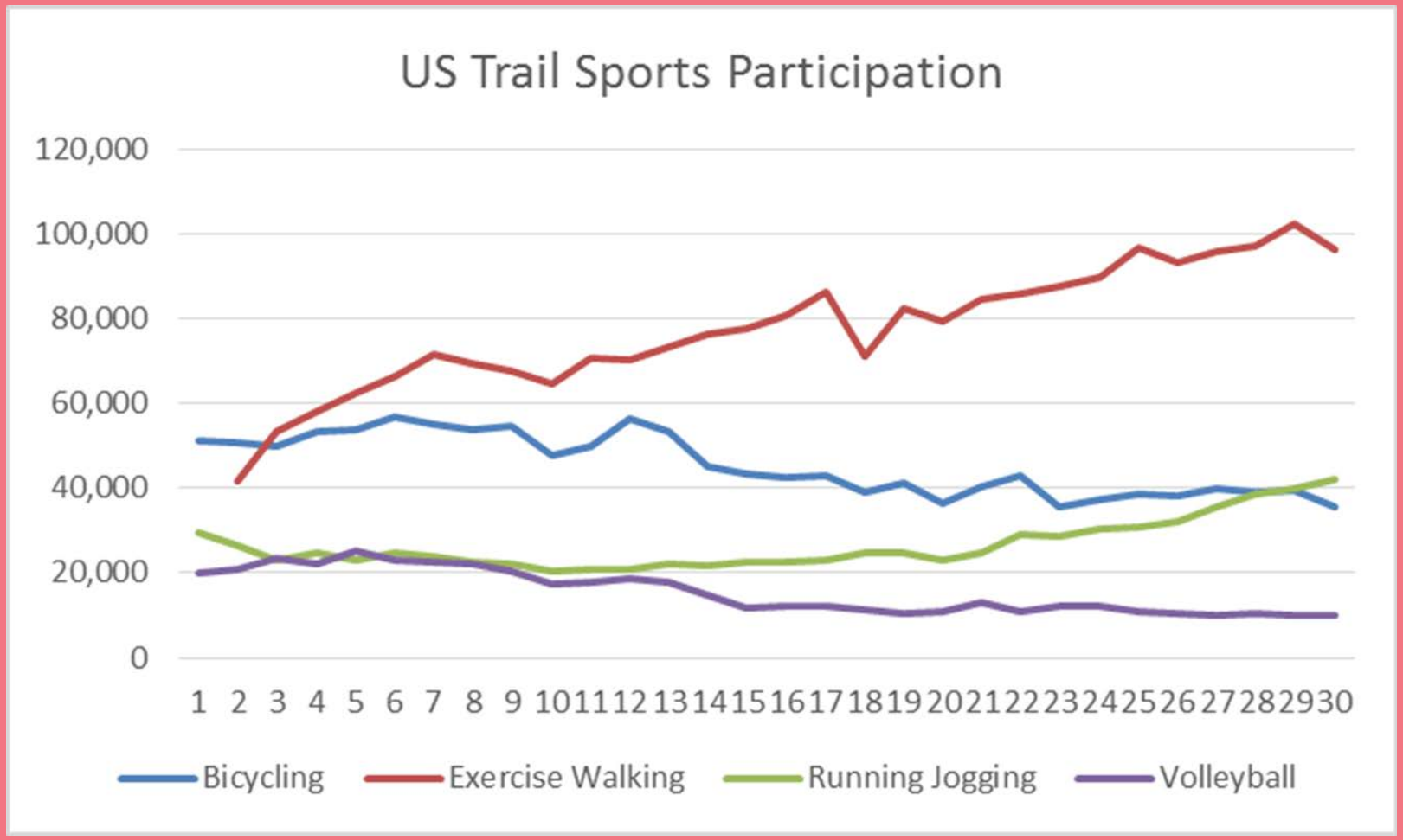
Activities

- Dining out
- Biking, walking for exercise
- Boating, kayaking, canoeing, fishing, swimming

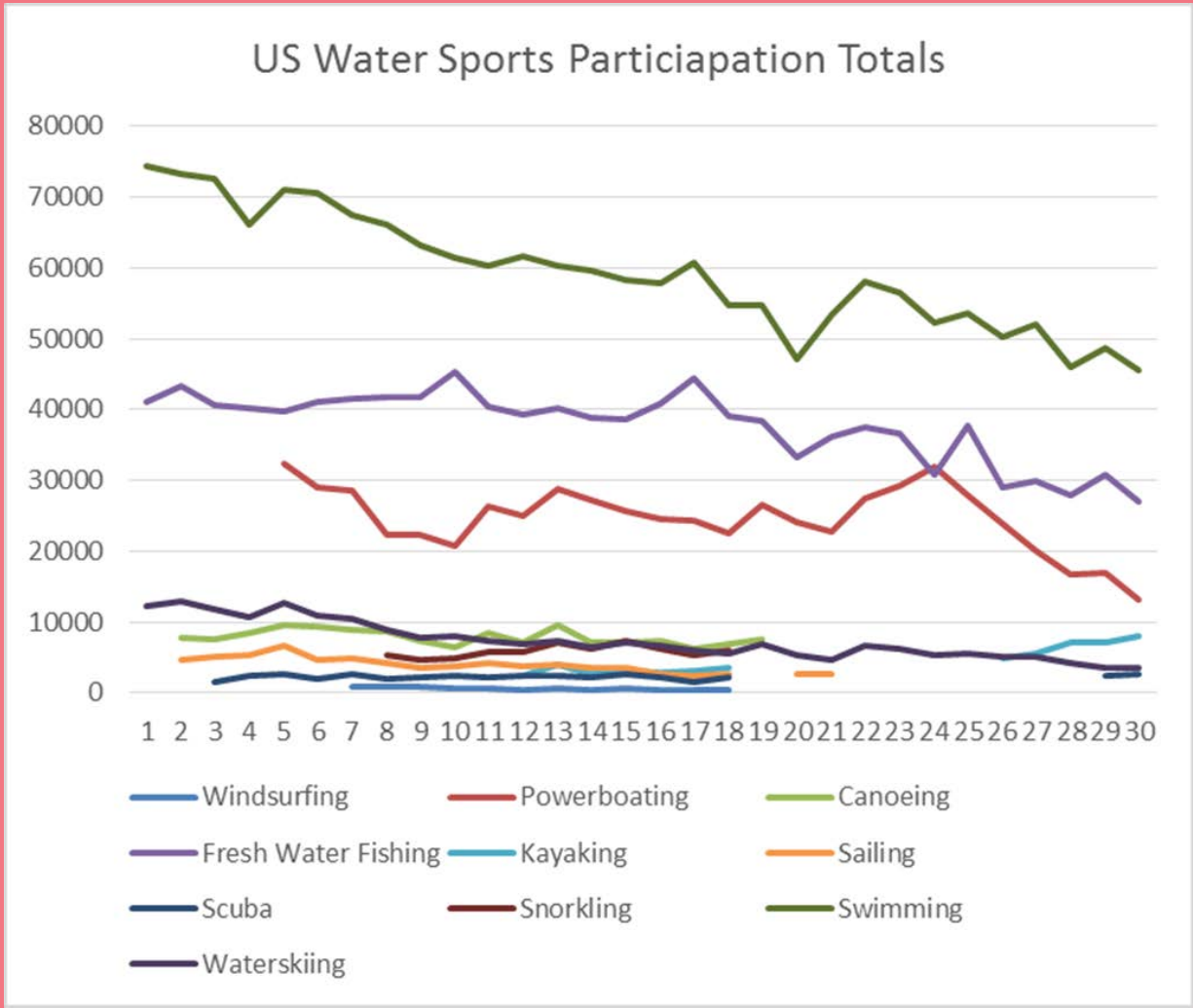
Tourism

- Package of attractions
- High out-of-state visitation
- High overnight visitation
- High percentage of families

Trends


US Trail Sports Participation
120,000
100,000
80,000
60,000
40,000
20,000
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
Bicycling
Exercise Walking
Running Jogging
Volleyball

Trends


US Water Sports Particiapation Totals
80000
70000
60000
50000
40000
30000
20000
10000
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
Windsurfing
Powerboating
Canoeing
Fresh Water Fishing
Kayaking
Sailing
Scuba
Snorkling
Swimming
Waterskiing

Best Practices

- Sustainable (environment, economy, culture)
- Multi-dimensional (appealing to residents and visitors, flexible, high ROI)
- Healthy (active, comfortable, clean, safe)
- Attractive (engaging, stimulating, clean)
- Distinctive (differentiated from other riverfronts)
- Respectful (of resources, diverse stakeholders)
- Barrier-free (accessible by all)
- Incremental (phase-able)

Stakeholders

- Residents
- Visitors
- Business and property owners
- Community organizations
- Special interest groups
- Jurisdictional regulators

Interviews

- Significance
- Talent attraction, retention
- Connectivity
- Families
- Hospitality
- The “Columbus Way”

Community Workshop

- Trail connection
- Whitewater
- Attractions for children
- New park experience
- Natural environment

On-line Survey

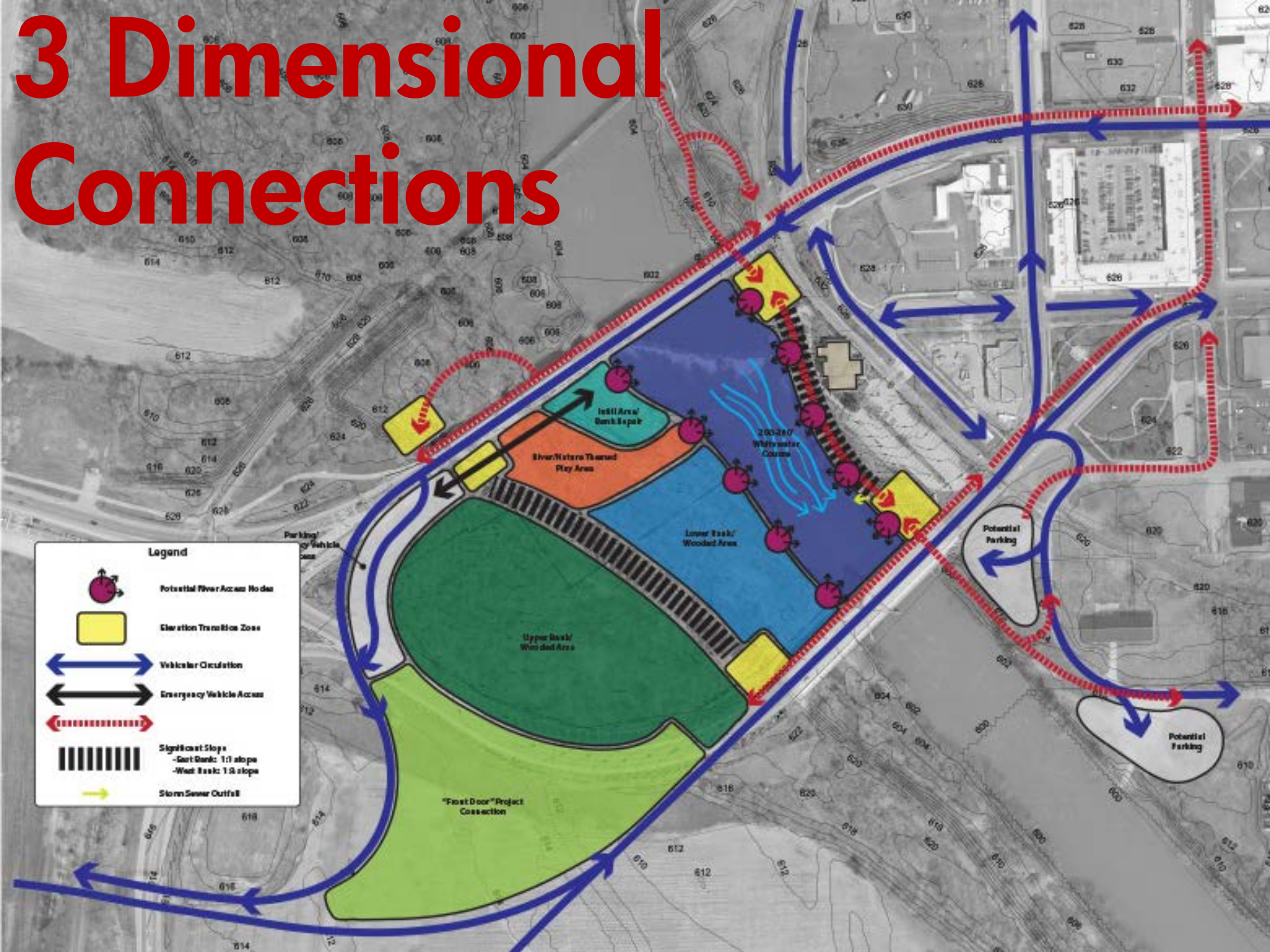
- Very familiar and unsatisfied
- Physically active
- Activities for residents
- Increased water-based recreation
- Link downtown to riverfront

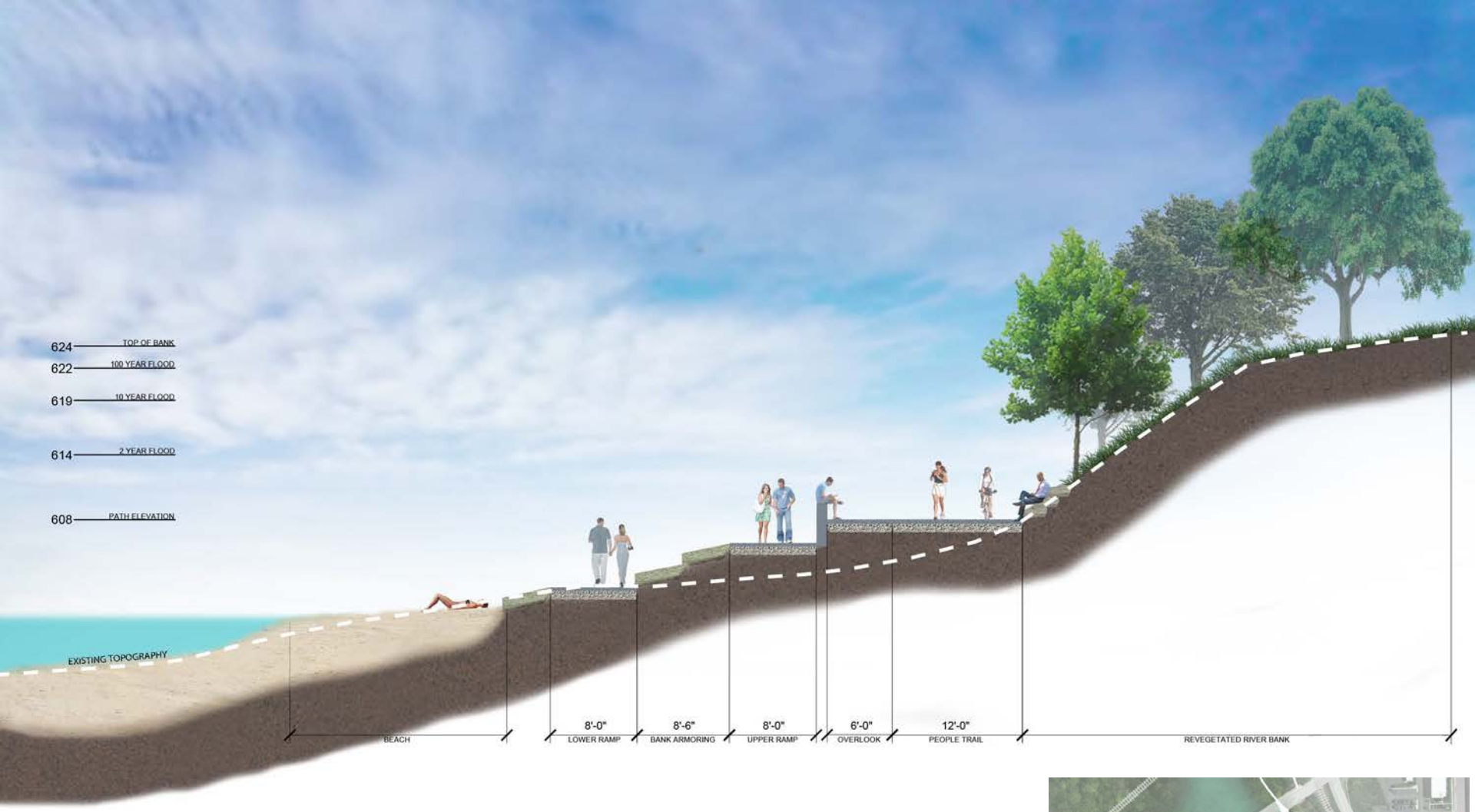
riverfront
tomorrow

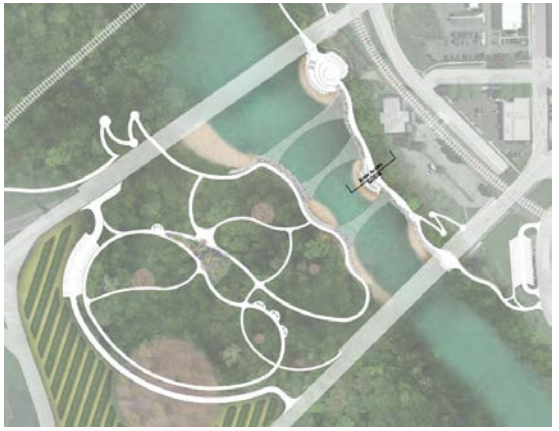
Strategy

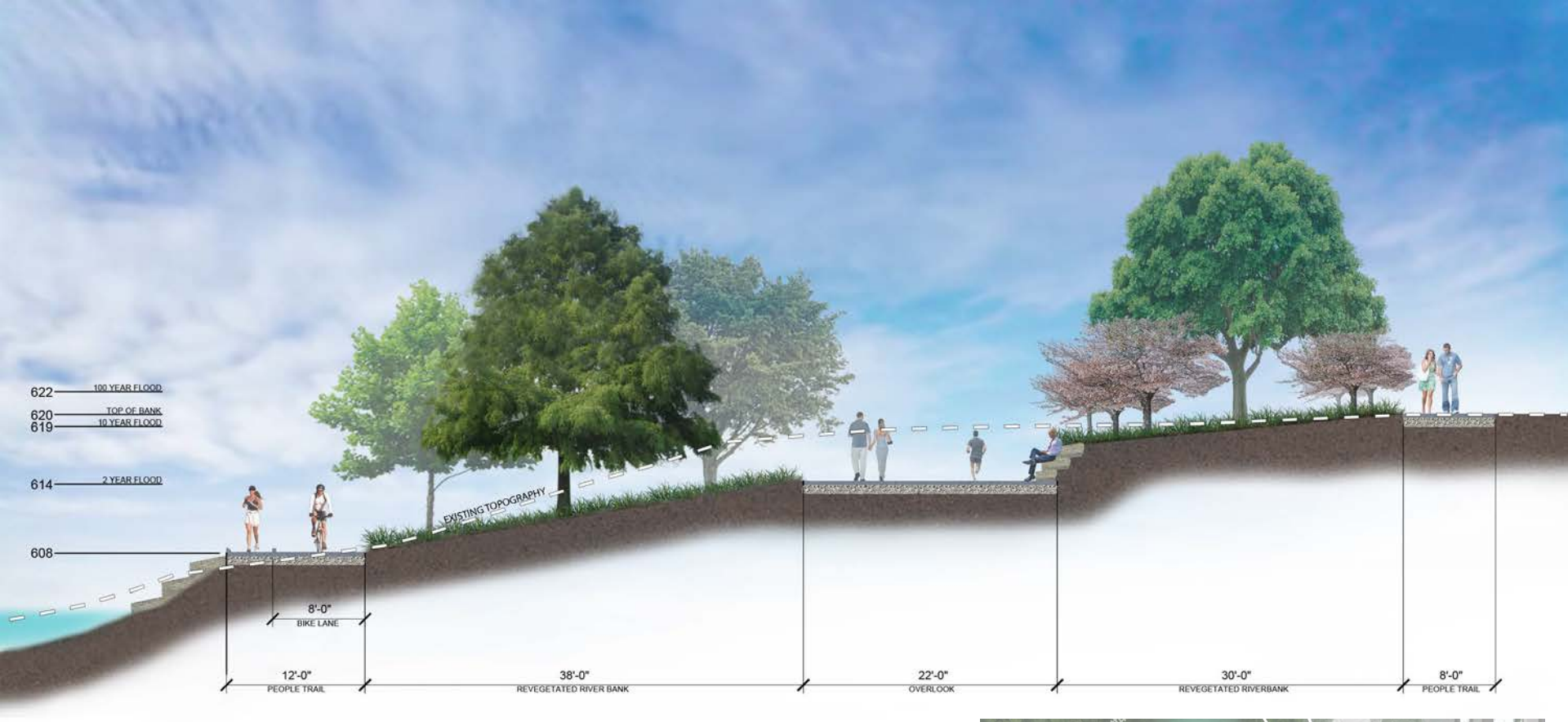
- Construct a network of **3 dimensional connections.**
- Construct several **compelling attractions** that target young professionals and families and will act as catalysts for nearby private investment.
- Create a complementary, **captivating appearance.**
- Create and sustain momentum by carefully synchronizing big picture thinking and systematic **incremental implementation** supported by public and private sector funding starting with:
  - Publicly funded People Trail connection
  - Privately funded East Bank features
  - Publicly/privately funded in-river improvements

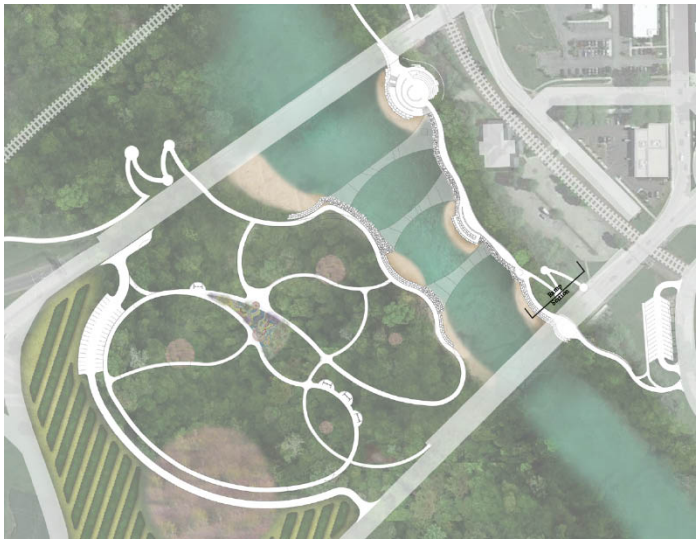
3 Dimensional Connections




624 TOP OF BANK
622 100 YEAR FLOOD
619 10 YEAR FLOOD
614 2 YEAR FLOOD
608 PATH ELEVATION
EXISTING TOPOGRAPHY
BEACH
8'-0"
LOWER RAMP
8'-6"
BANK ARMORING
8'-0"
UPPER RAMP
6'-0"
OVERLOOK
12'-0"
PEOPLE TRAIL
REVEGETATED RIVER BANK

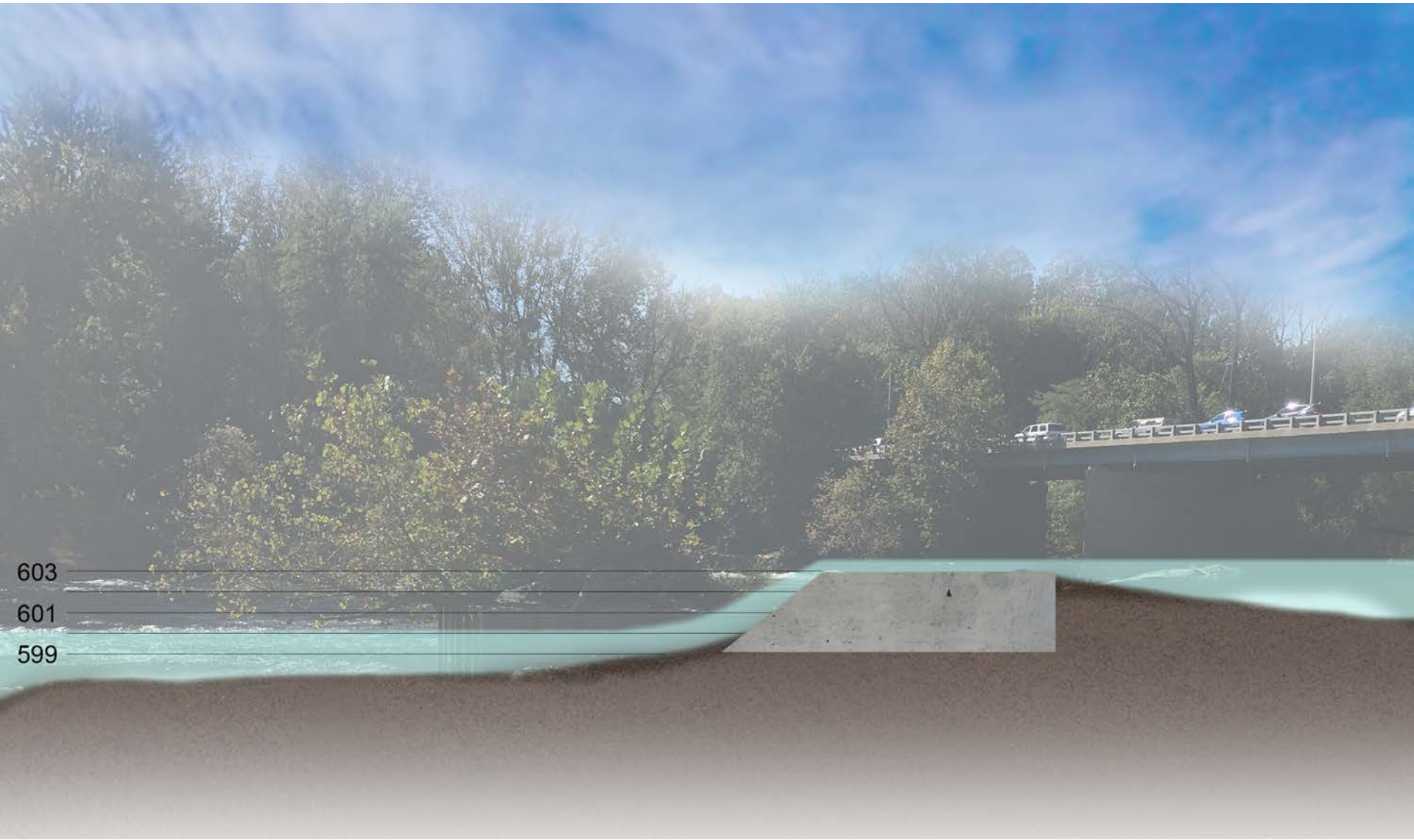


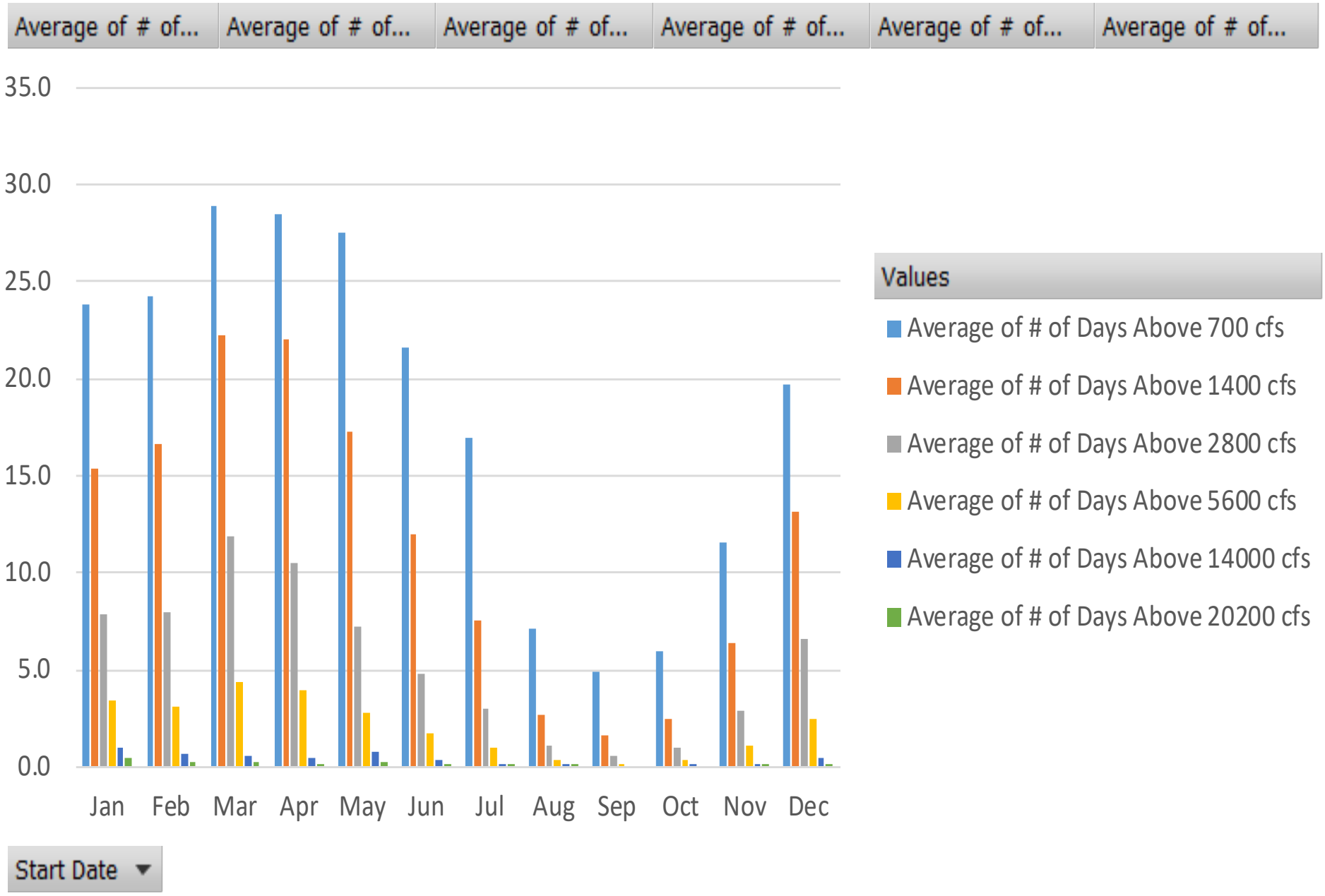

622
100 YEAR FLOOD
620
TOP OF BANK
619
10 YEAR FLOOD
614
2 YEAR FLOOD
608
EXISTING TOPOGRAPHY
8'-0"
BIKE LANE
12'-0"
PEOPLE TRAIL
38'-0"
REVEGETATED RIVER BANK
22'-0"
OVERLOOK
30'-0"
REVEGETATED RIVERBANK
8'-0"
PEOPLE TRAIL

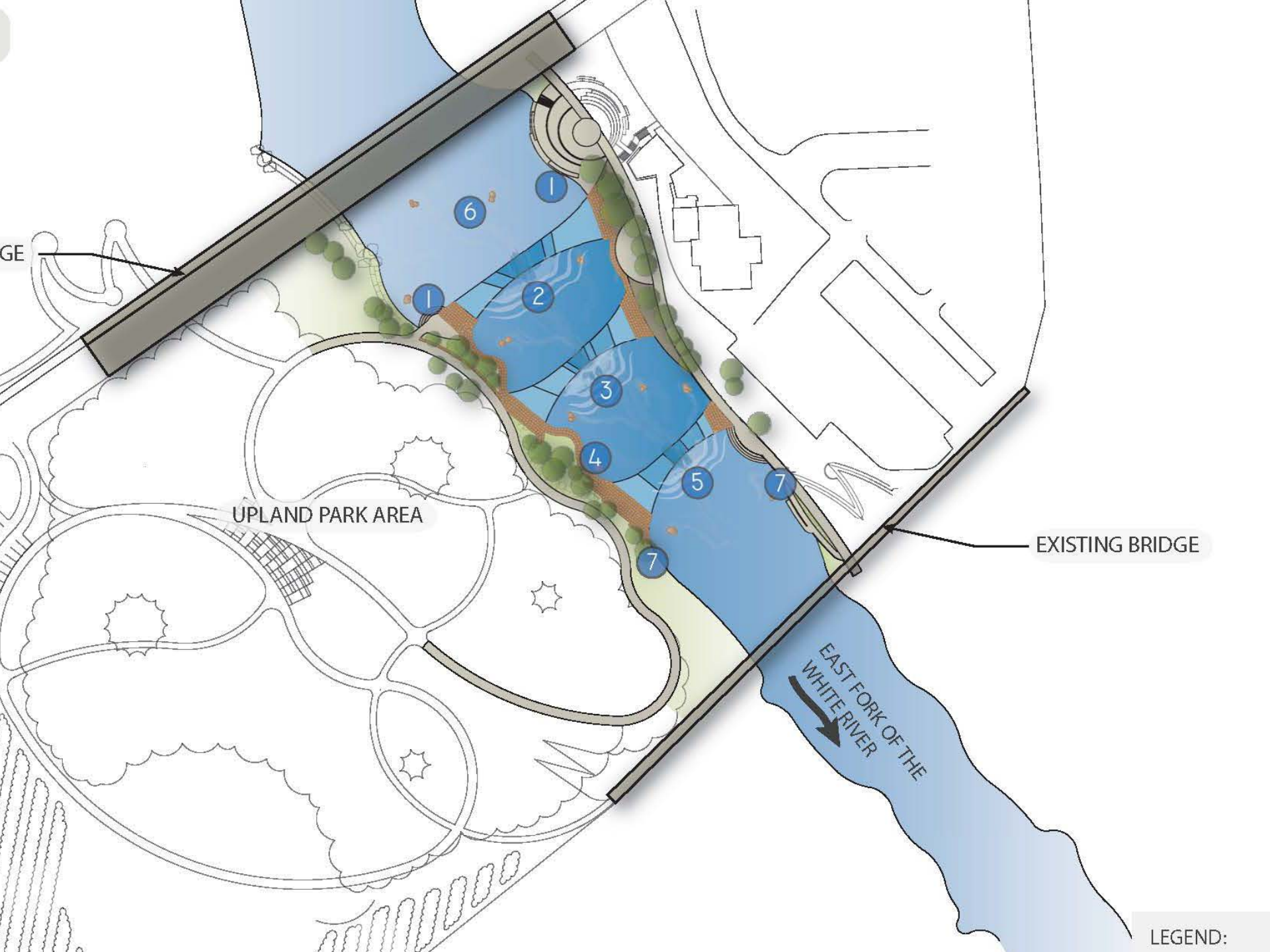


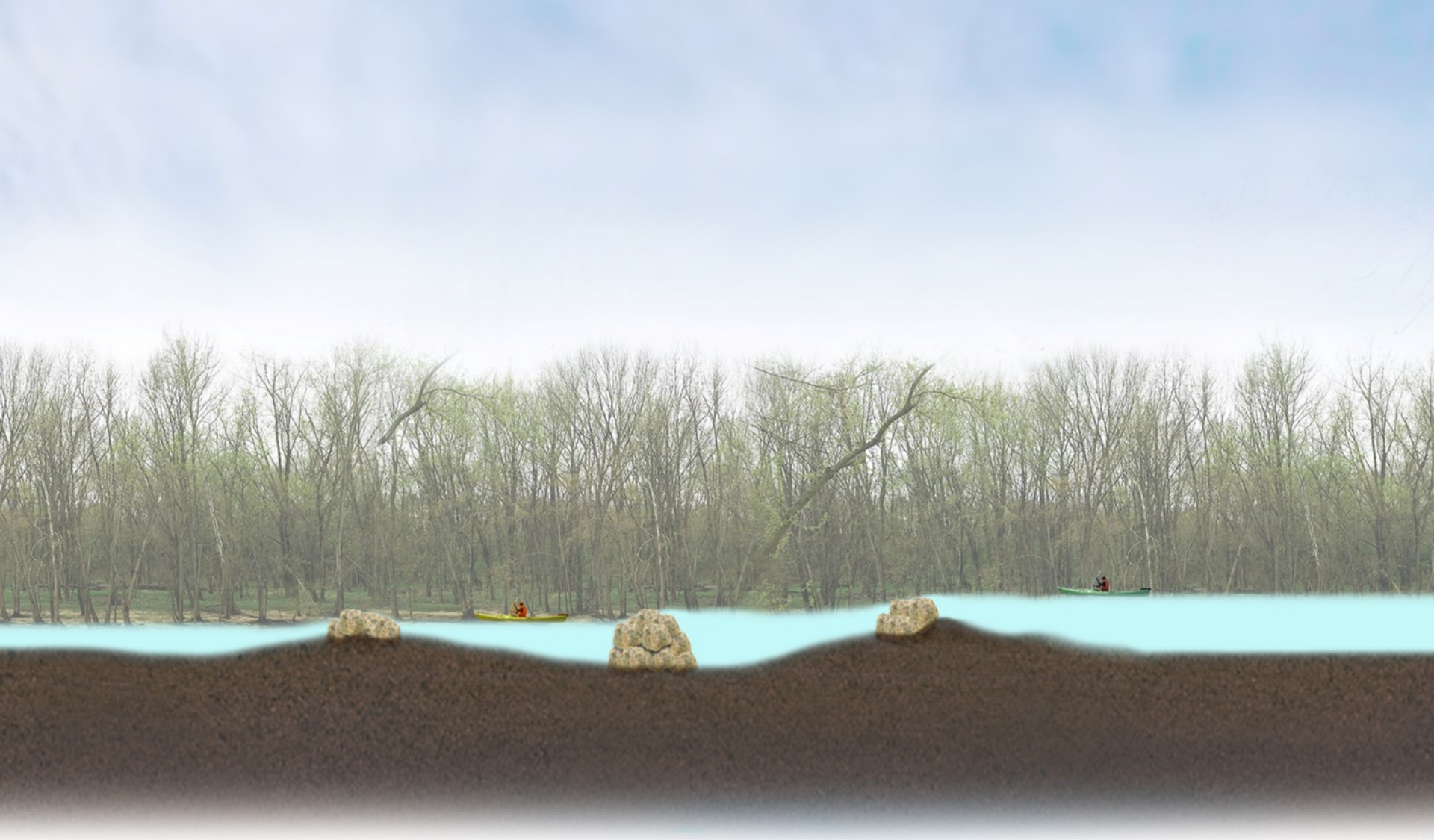
Compelling Attractions

625 TOP OF BANK
622 100 YEAR FLOOD
619 10 YEAR FLOOD
614 2 YEAR FLOOD
608 MAIN PATH ELEVATION
EXISTING TOPOGRAPHY
7'-0" STEP TO BEACH
12'-0" LOWER WALK
8'-0" RAMP TO BEACH
13'-0" OVERLOOK
16'-0" LANDSCAPE BED
35'-0" PLAZA SPACE
16'-0" AMPHITHEATER SEATING
7'-0" UPPER RAMP
23'-9" REVEGETATED BANK

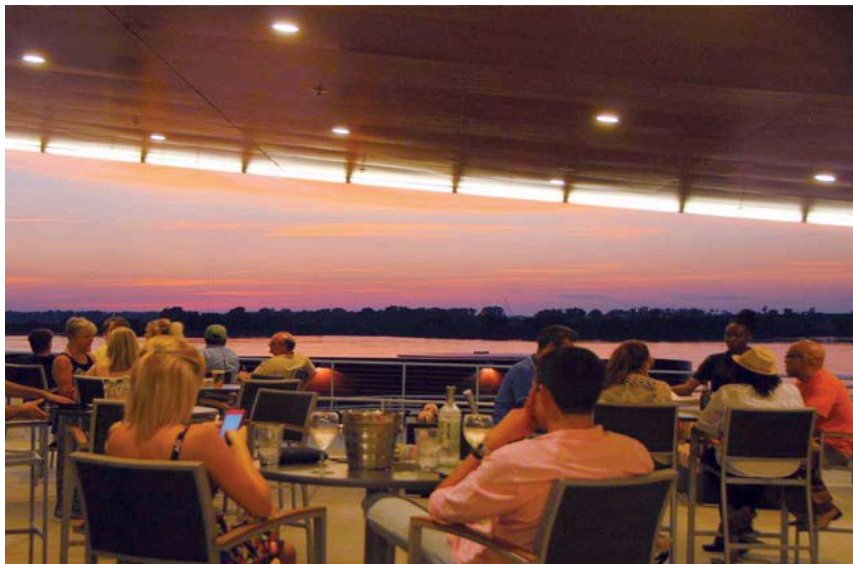

603
601
599


Average of # of...
Average of # of...
Average of # of...
Average of # of...
Average of # of...
Average of # of...
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Values
Average of # of Days Above 700 cfs
Average of # of Days Above 1400 cfs
Average of # of Days Above 2800 cfs
Average of # of Days Above 5600 cfs
Average of # of Days Above 14000 cfs
Average of # of Days Above 20200 cfs
Start Date


GE
6
1
1
2
3
4
5
7
7
UPLAND PARK AREA
EXISTING BRIDGE
EAST FORK OF THE WHITE RIVER
LEGEND:

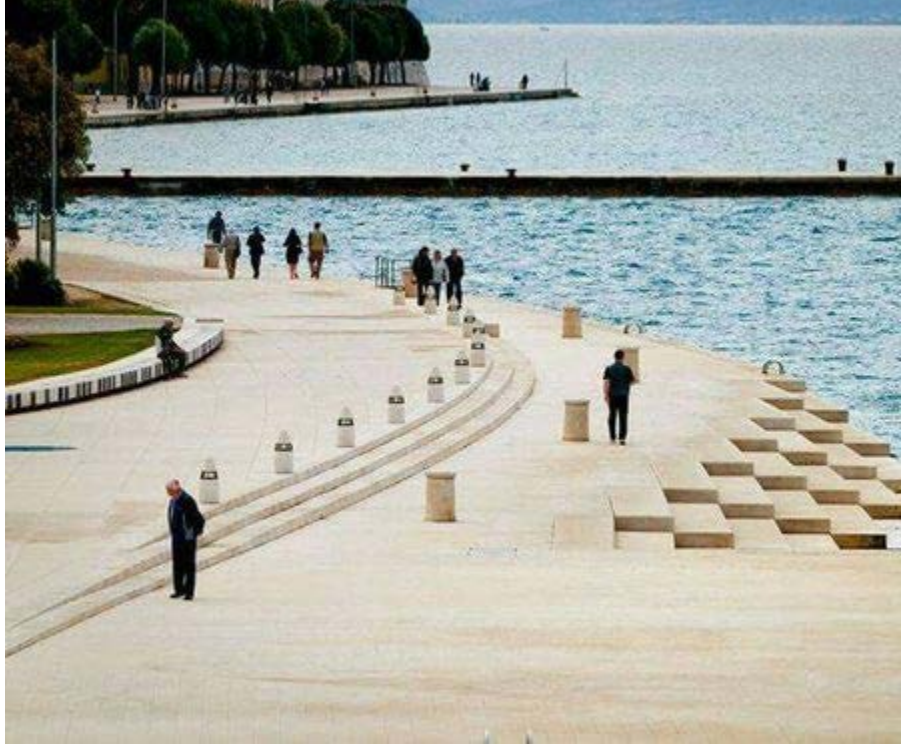


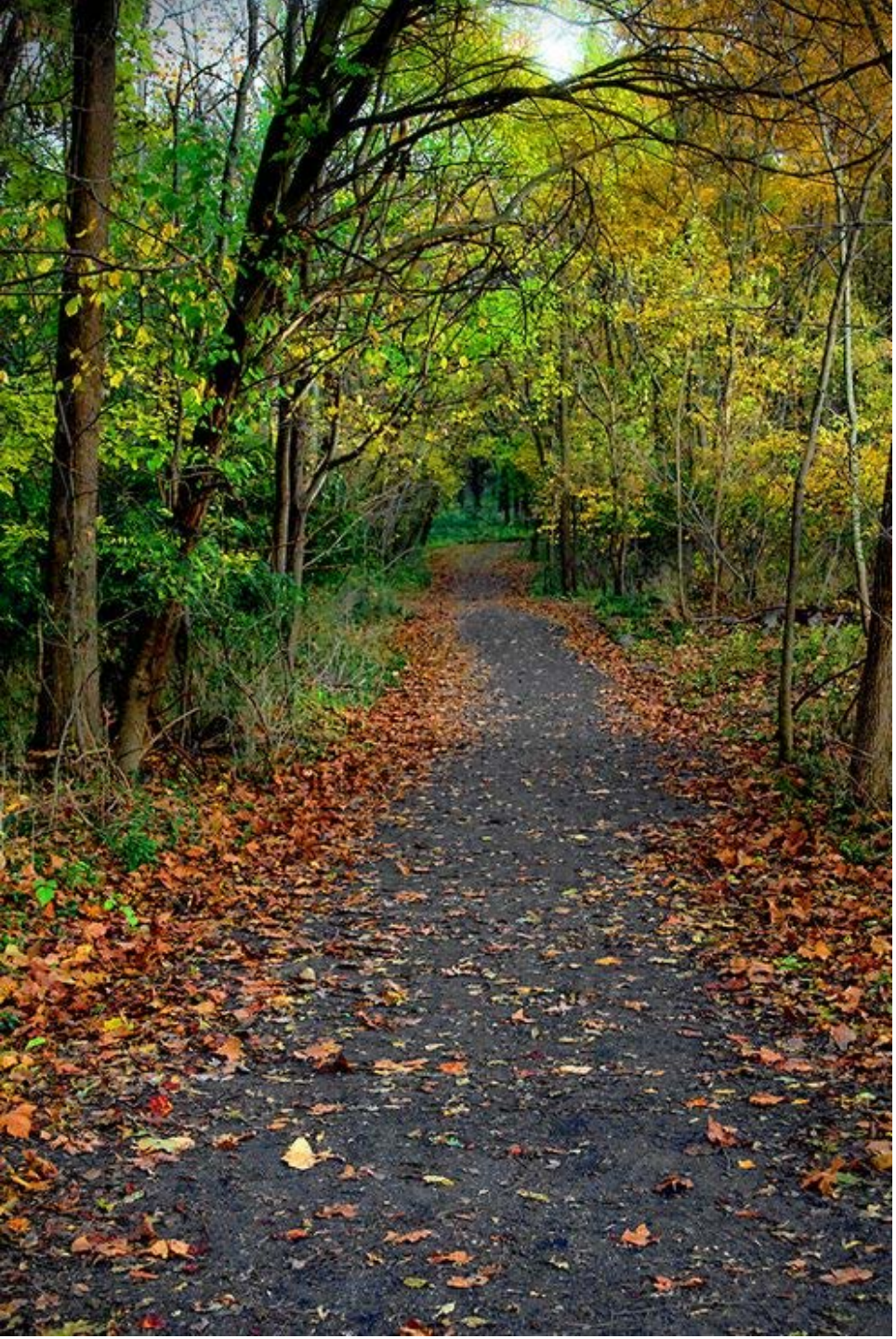
Dagger
WAVE SPORT
Dagger

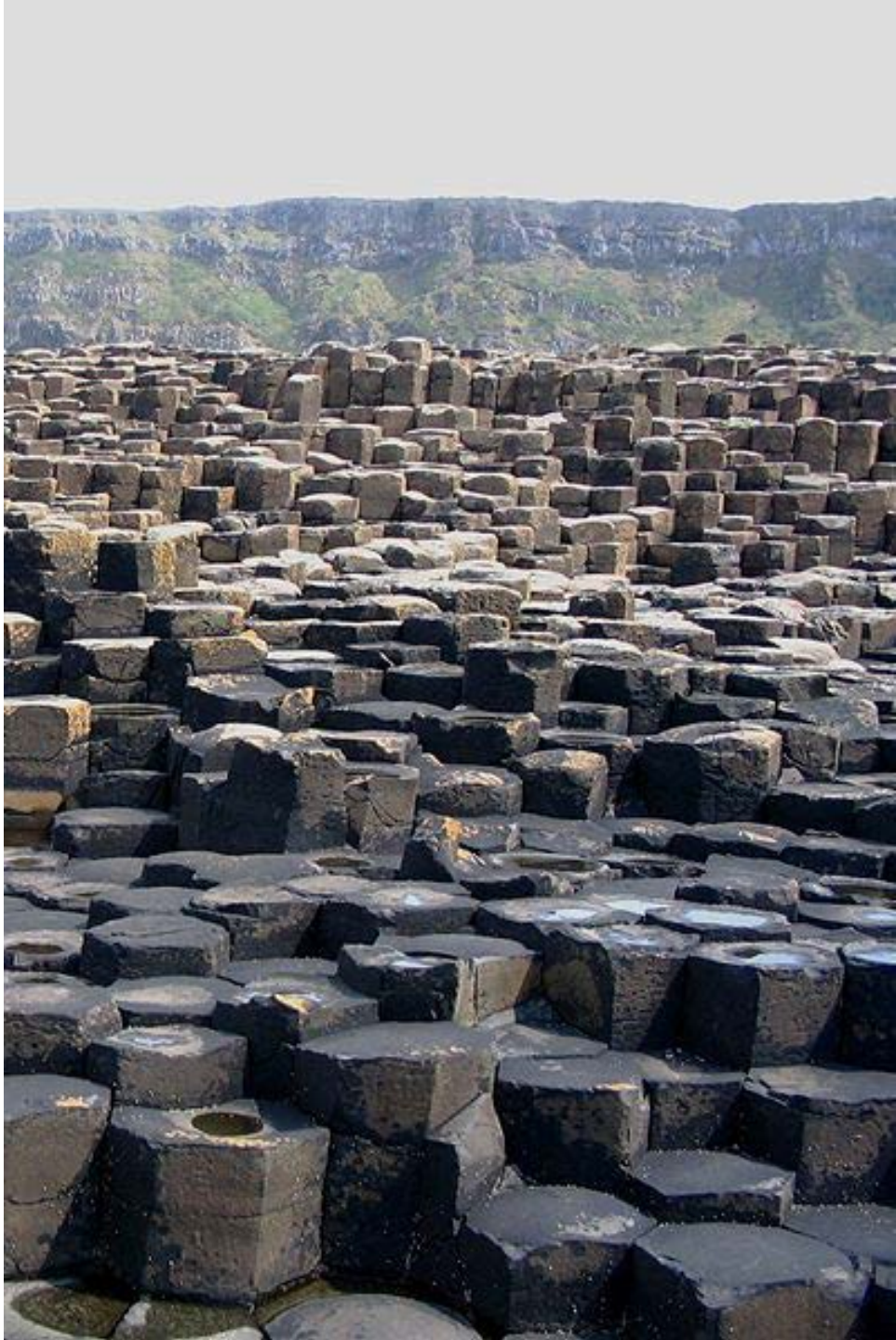


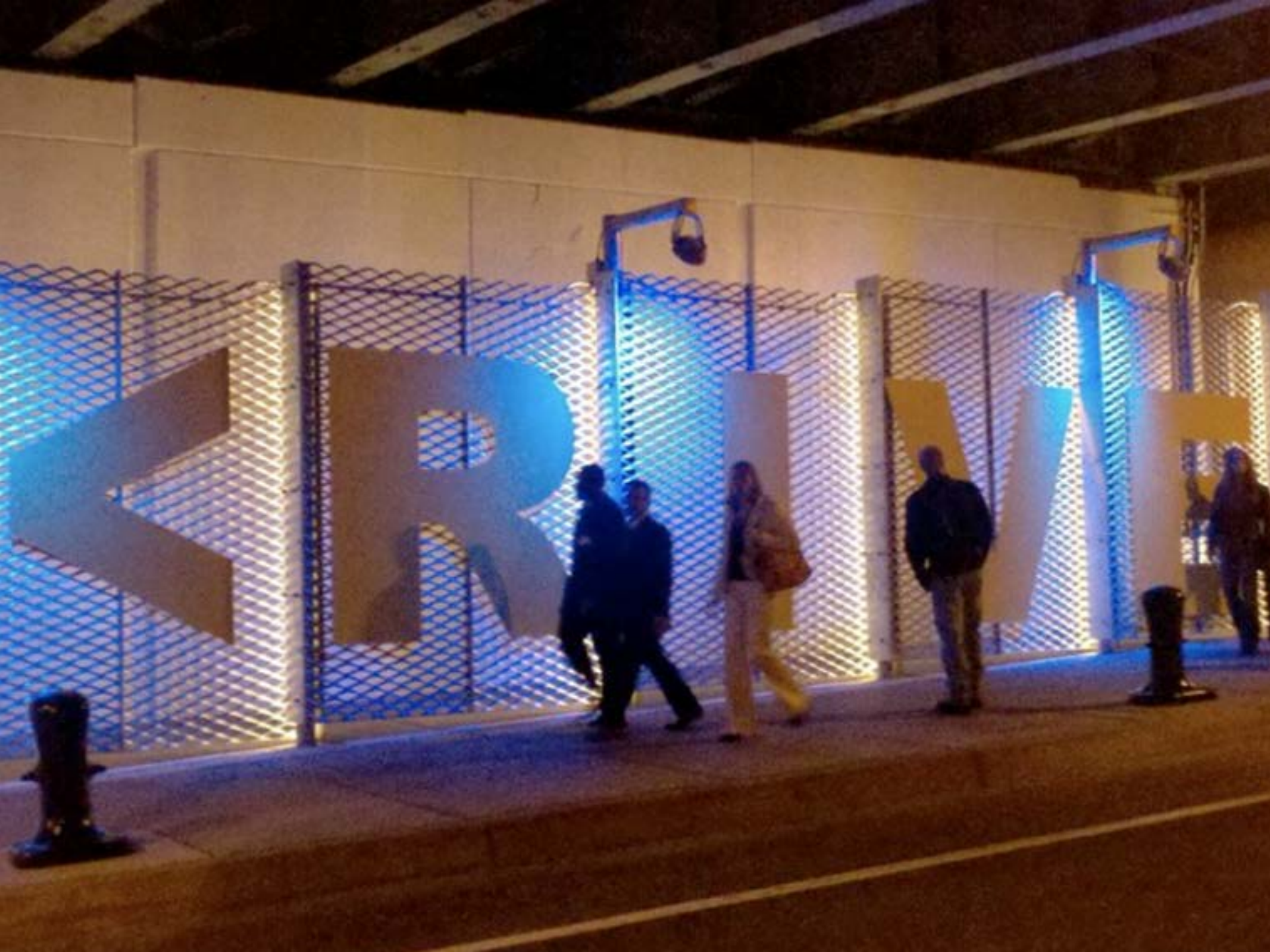
Captivating Appearance

"Sinuosity"








SERVER

Economic impacts

Construction

Operations

Related real estate development

Tax revenue

implementation

Implementation

Public policy

Operations

Capital Improvements

3rd Street Bridge
Brown Street
Lindsey Street
Pump House
1st Street
2nd Street Bridge
Water Street
1 Trail Connection
1a. Riverfront People Trail
2 Other East Bank Improvements
2a. Bank armoring with large stone blocks
2b. ADA ramp from path to water's edge
2c. Riverfront Plaza
2d. Ramp & Overlooks
3 In-River Improvements
3a. Remove dam
3b. Whitewater Feature
4 West Bank Improvements
4a. Trail system
4b. Swing overlooks
4c. Meadow
4d. Continuation of "Front Door" tree plantings
4e. On-site parking
4f. Meadow clearings throughout woods
4g. Switchback connection to People Trail along SR 46
4h. Nature playground
4i. Connection to sidewalk along 2nd Street Bridge
5 Off-Site Improvements
5a. Off-site parking with access to People Trail
5b. Off-site parking with river access
Vision Plan
Columbus Riverfront
Columbus, Indiana
HITCHCOCK DESIGN GROUP
creating better places

Schedule

Columbus Redevelopment Commission

6:00pm, November 30th, City Hall

Stay Connected

- Project webpage:

  www.columbusriverfront.org

- Email:

  Heather Pope: hpope@columbus.in.gov

  Randy Royer: rroyer@hitchcockdesigngroup.com

Columbus
RIVERFRONT
thank you!