



# Smoky Hill River Renewal Project

Public Open House  
November 15, 2018  
Tony's Pizza Events Center



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# Agenda

- 01 Introductions / Steering Committee
- 02 Project Overview
- 03 Refined Master Plan
- 04 Source and Quality of Water
- 05 KDOT Bike Trail Funding
- 06 USACE Aquatic Ecosystem Enhancement Funding
- 07 Project Schedule



01

# Introductions / Steering Committee

# Steering Committee Meetings

- Meeting #1 – July 18, 2017
- Meeting #2 – July 19, 2017
- Public Meeting – July 20, 2017
- Meeting #3 – September 26, 2017
- Meeting #4 – September 27, 2017
- Public Meeting – September 28, 2017
- Meeting #5 – October 10, 2017
- Meeting #6 – November 7, 2017
- Meeting #7 – February 13, 2018
- Meeting #8 – April 10, 2018
- Meeting #9 – June 19, 2018
- Meeting #10 – October 9, 2018
- Public Meeting – November 15, 2018



# THANK YOU to our Steering Committee Members

- Marla Aguilar
- Jane Anderson
- Robert Ash
- Daniel Baffa
- Penny Bettles
- Phil Bowman
- Lloyd Davidson
- Tyler Gallagher
- Ken Guest
- Scott Guest
- Kristin Gunn
- Gary Hobbie
- Merle Hodges
- Joe Hokett
- Joan Jerkovich
- Scott Lang
- Angie Lassley
- Michael Mattson
- Paul Myers
- Sylvia Rice
- Archie Riggs
- Bill Rowson
- Brad Stuewe
- David Wedel
- Amanda Weishaar
- Bev Zizumbo
- Charlie Zizumbo



02

## **Project Overview**

# Old Smoky Hill Channel

- Federal Flood Control Levee and By-Pass Channel
- Removed baseflow from 6.8 miles of channel

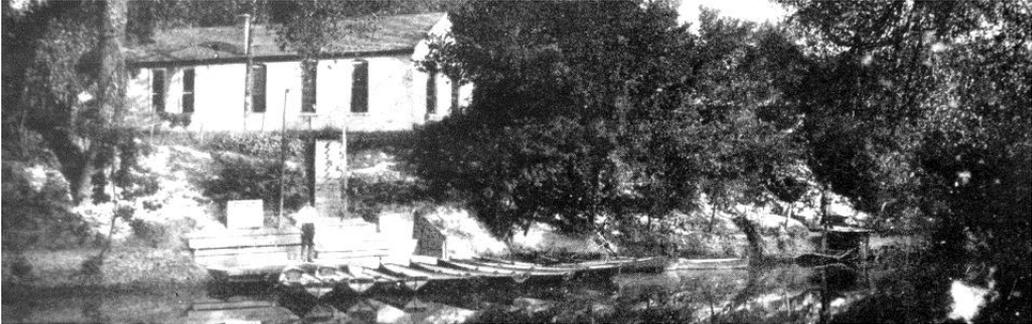


# Today

- 5 sq miles of urban runoff
- Historic= 8,341 sq miles
- No base flow



# Historic Pictures





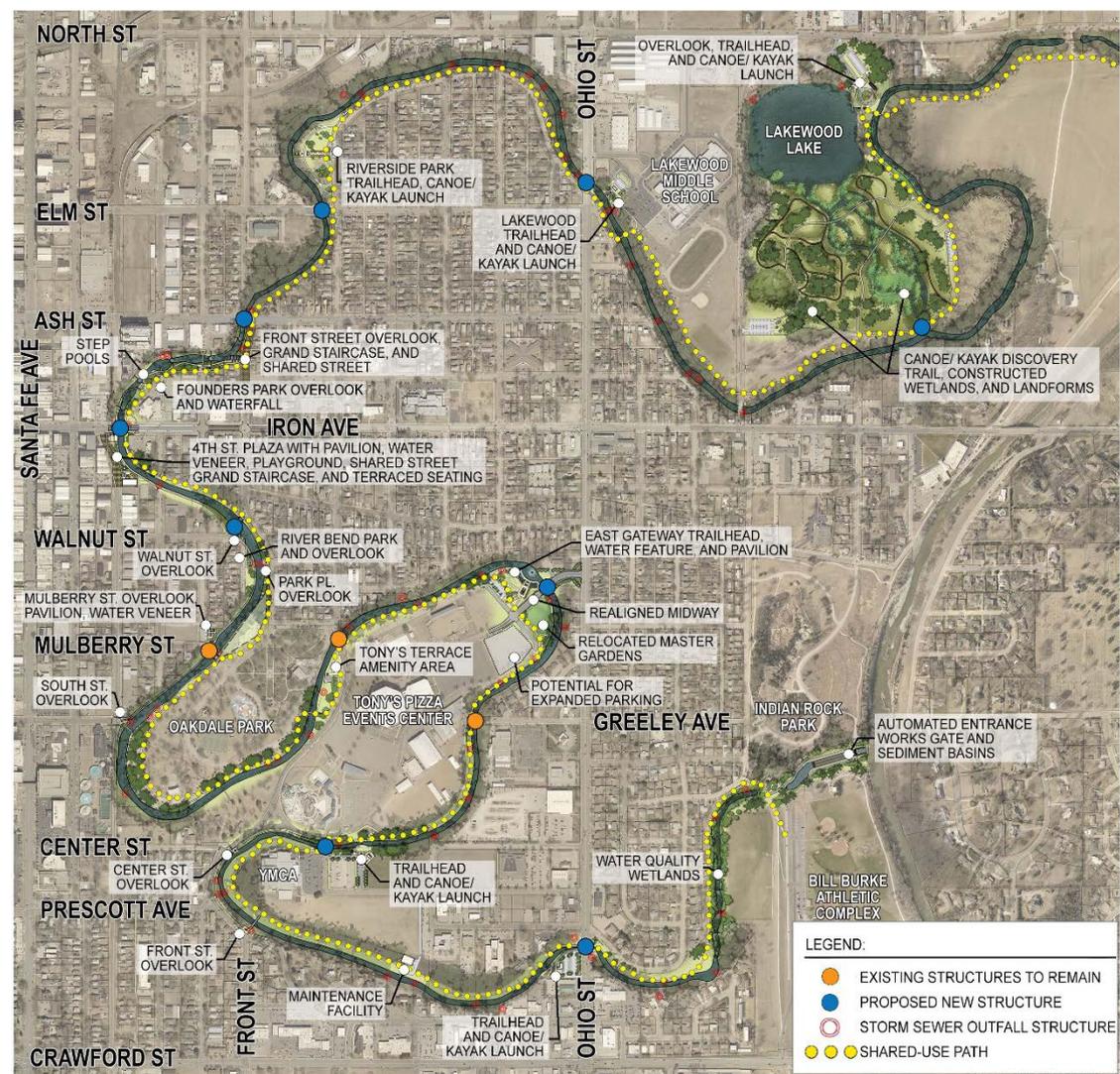
03

## Refined Master Plan

# Overall Master Plan Image

## Project Goals:

- Improve water quality
- Mitigate current algae and odor problems
- Create a community amenity that drives the revitalization of the river, downtown, and adjacent neighborhoods
- Feature a cohesive aesthetic theme



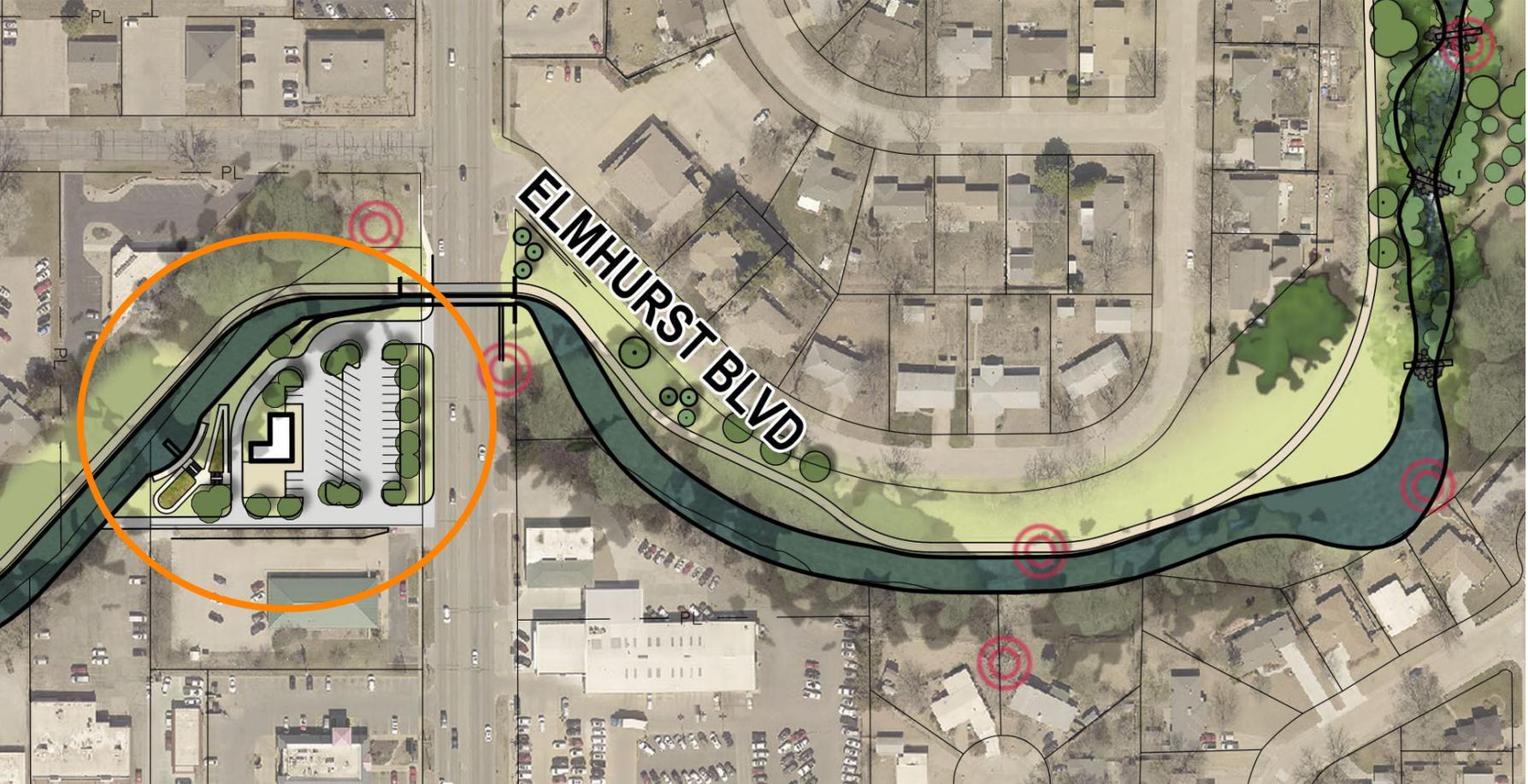
# General Aesthetic Character of Corridor



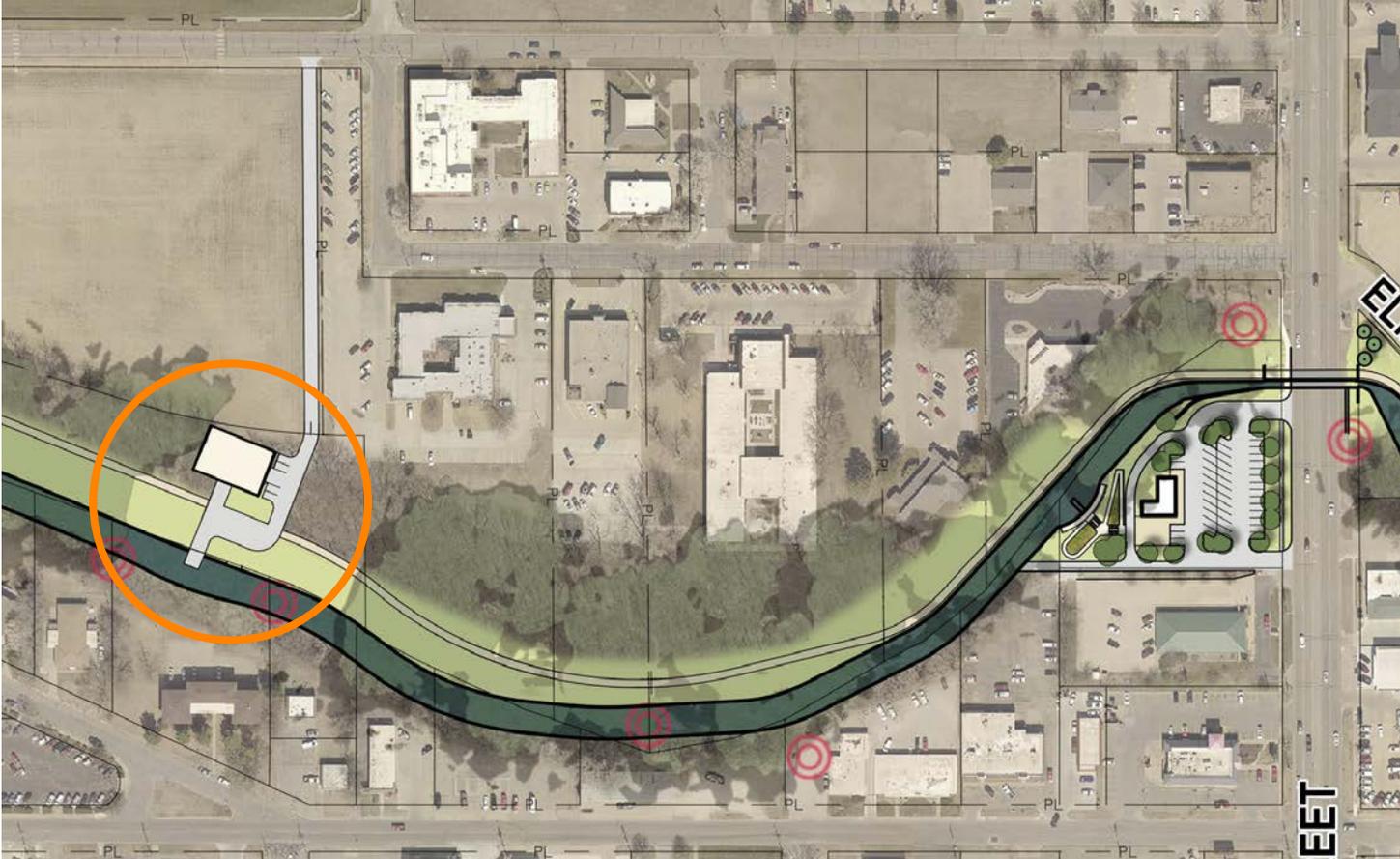
# Entrance Works / Sediment Basins / Water Quality Wetlands



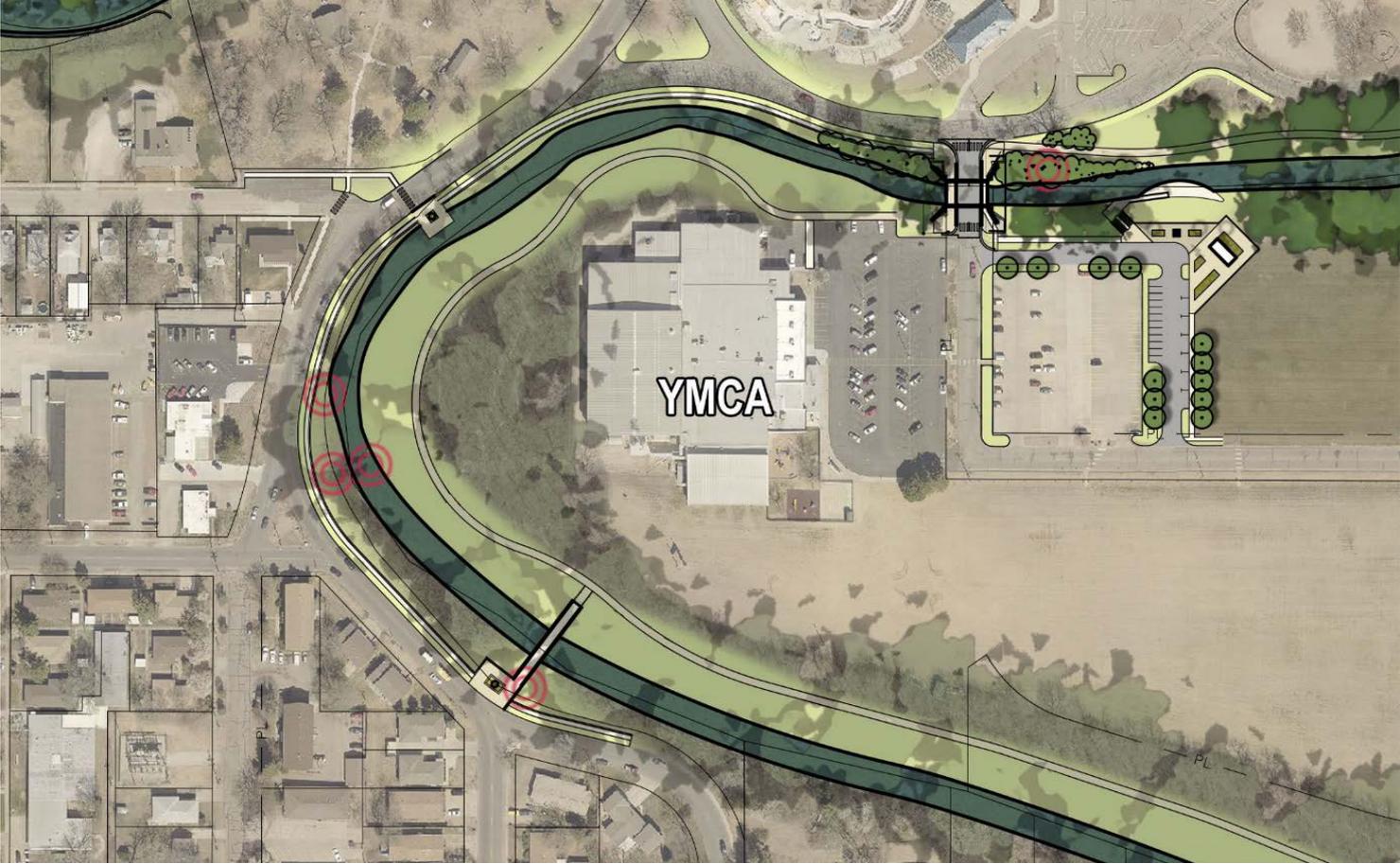
# South Ohio Trailhead Relocation



# Maintenance Facility



# South Front Street, Center Street, YMCA



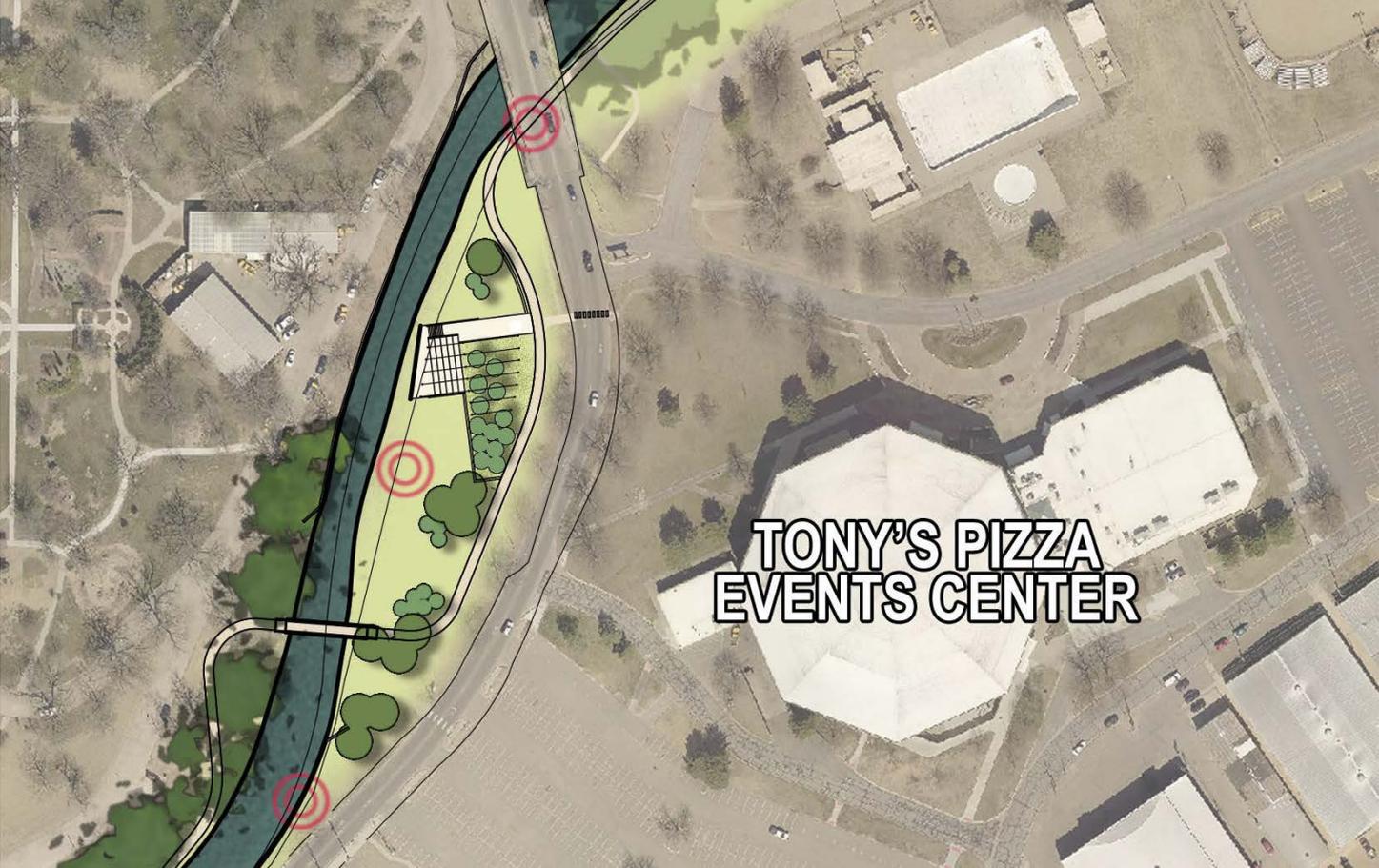
# Kenwood Park / East Gateway / The Midway



# East Gateway Rendering



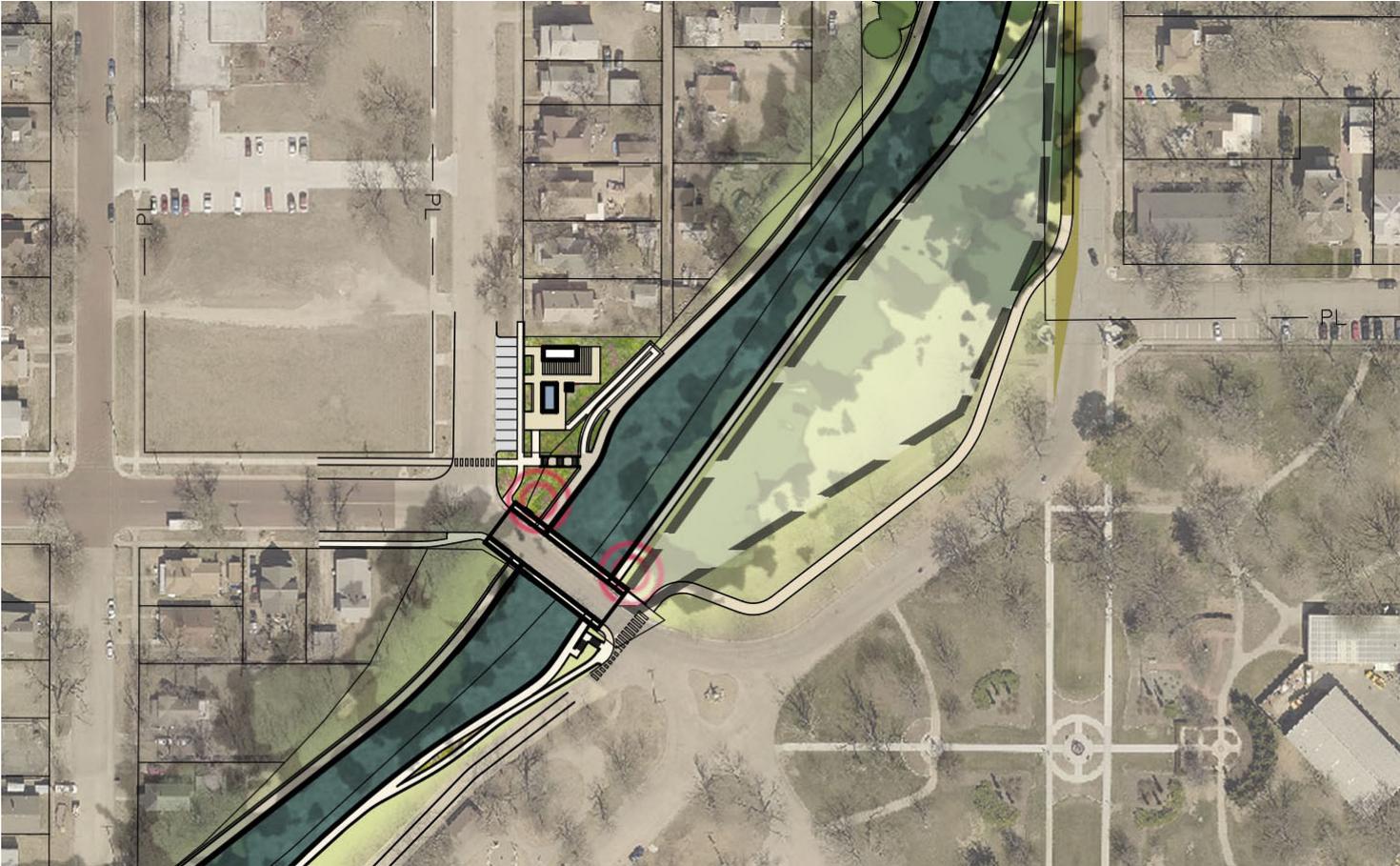
# Tony's Terrace and Pedestrian Crossing



# South Street Overlook and Pedestrian Crossing



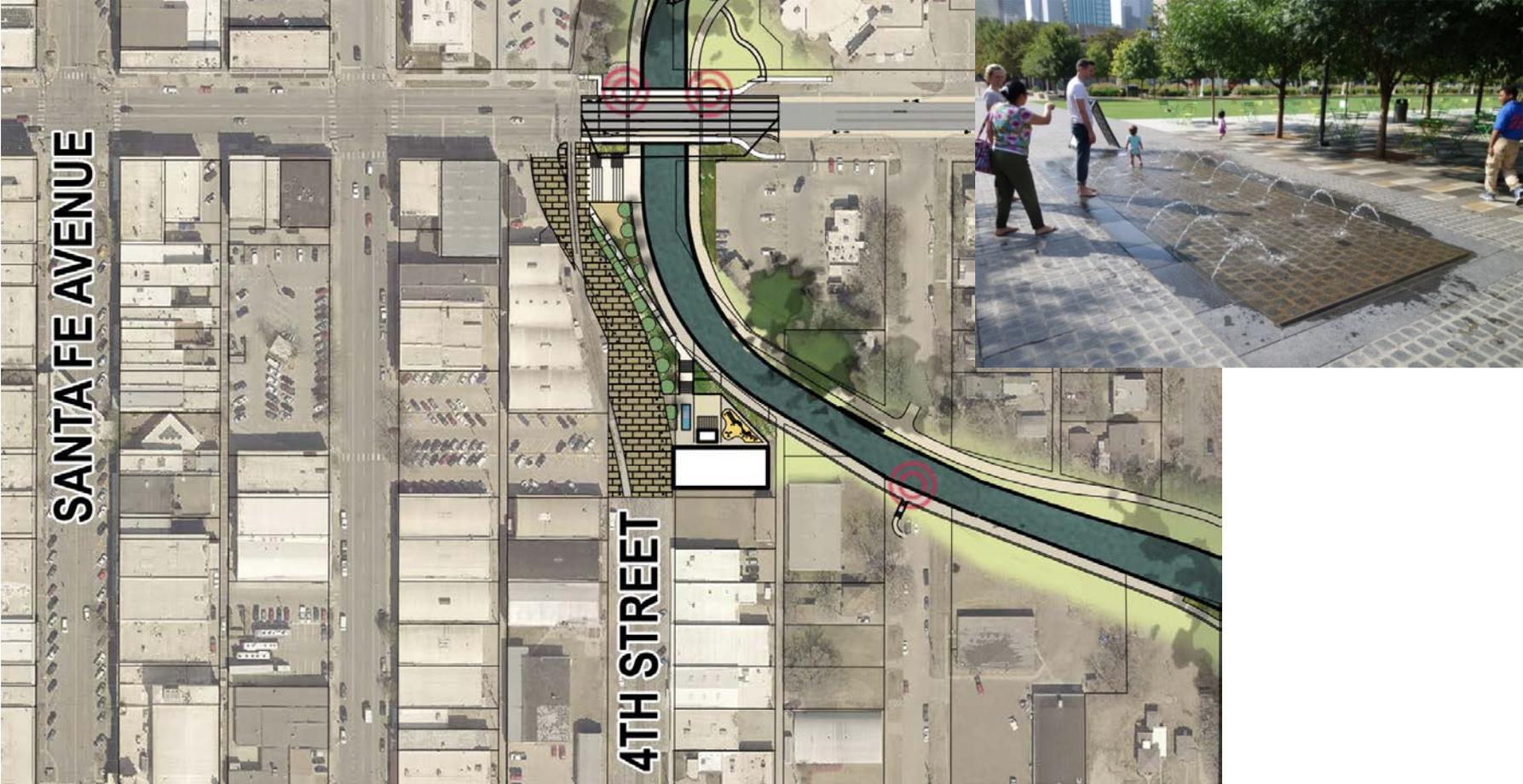
# Mulberry Street Overlook and Boathouse



# Park Place and Walnut Overlooks



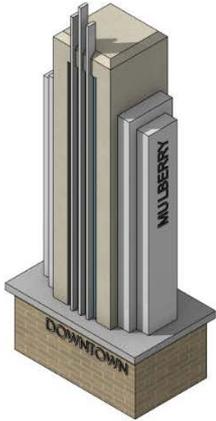
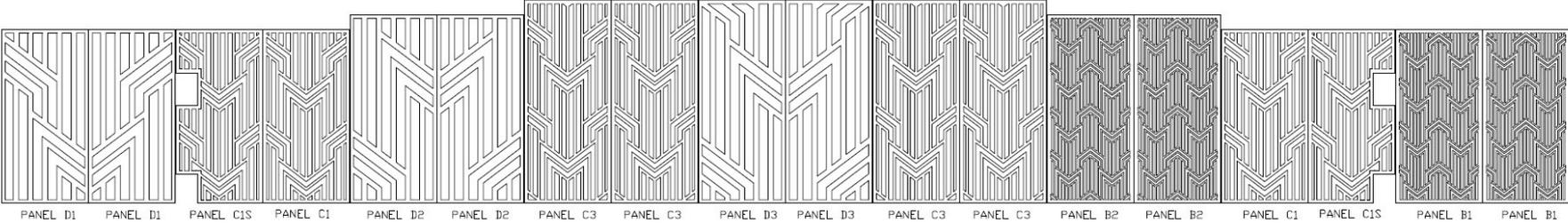
# 4<sup>th</sup> Street Plaza and Iron Avenue Bridge



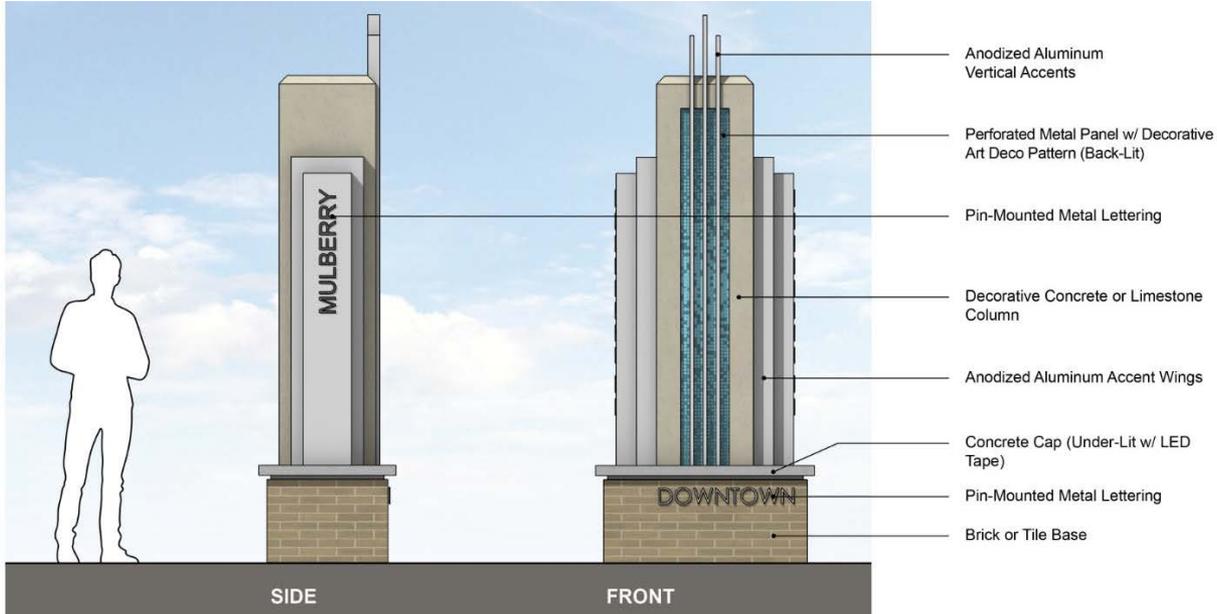
# 4<sup>th</sup> Street Plaza and Shared Space Street



# Iron Avenue Bridge Inspiration



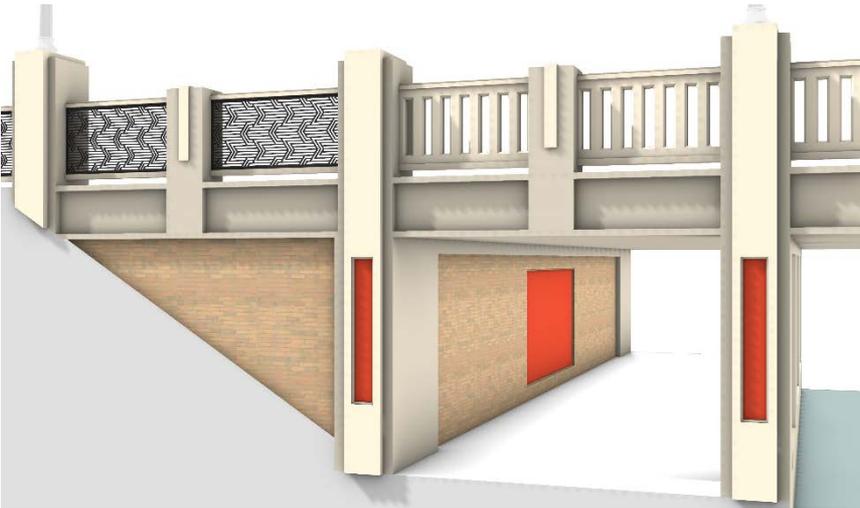
3D VIEW



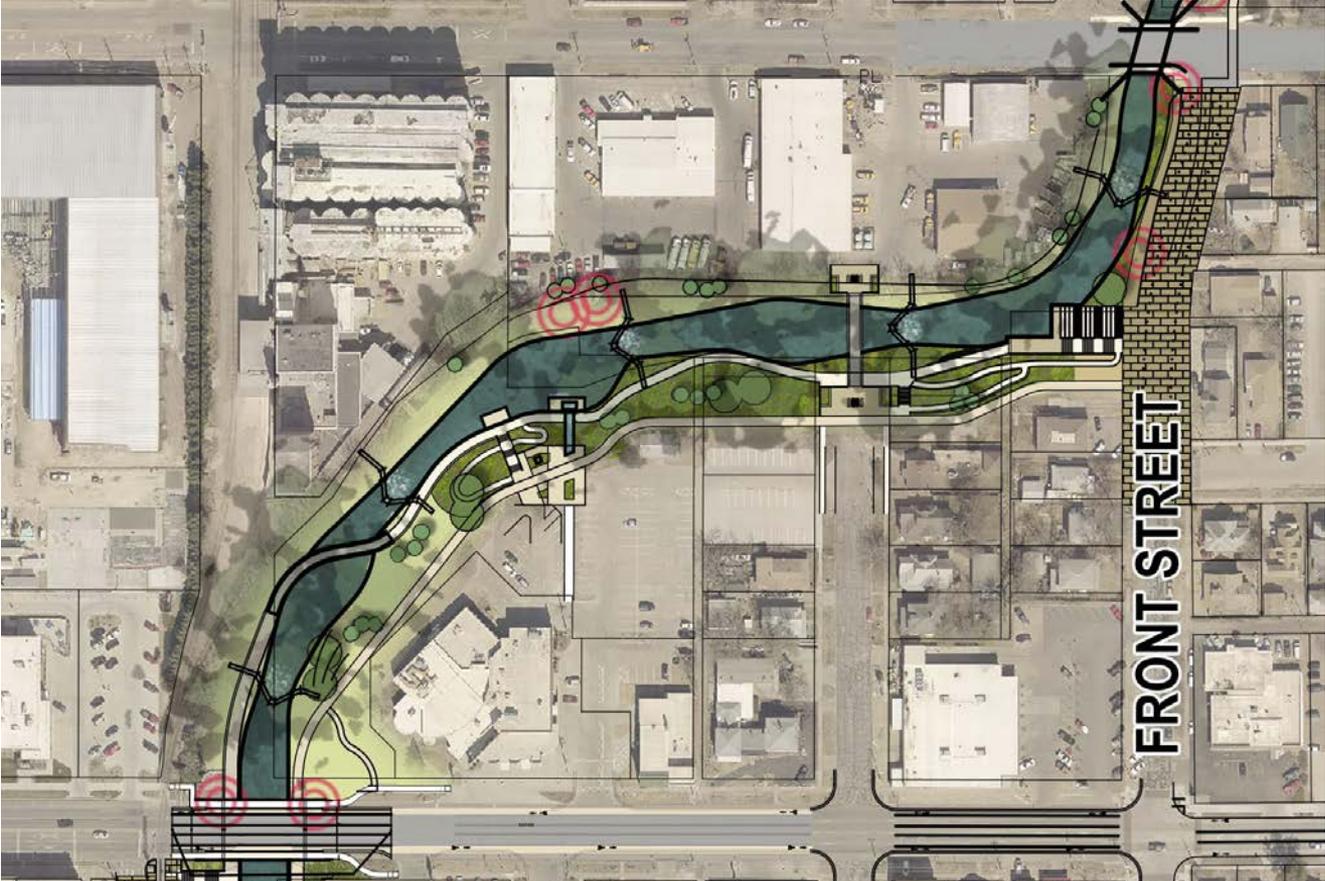
SIDE

FRONT

# Iron Avenue Bridge



# Founders Park and Front Street Plaza



# Founders Park



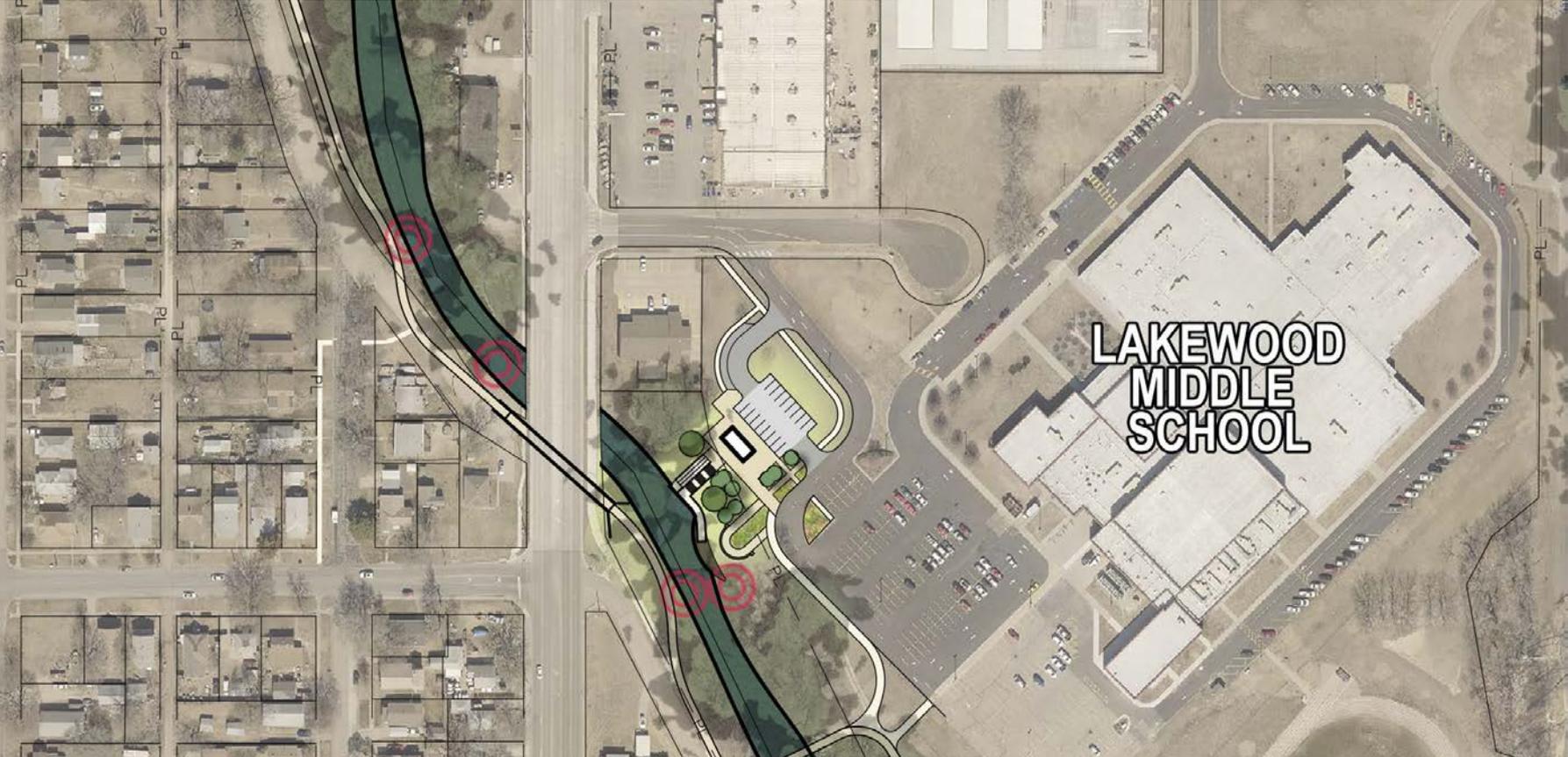
# Founders Park Canoe Slides



# Riverside Park



# Lakewood Middle School Trailhead and Launch



# Lakewood Lake Park



# Lakewood Canoe Discovery Trail



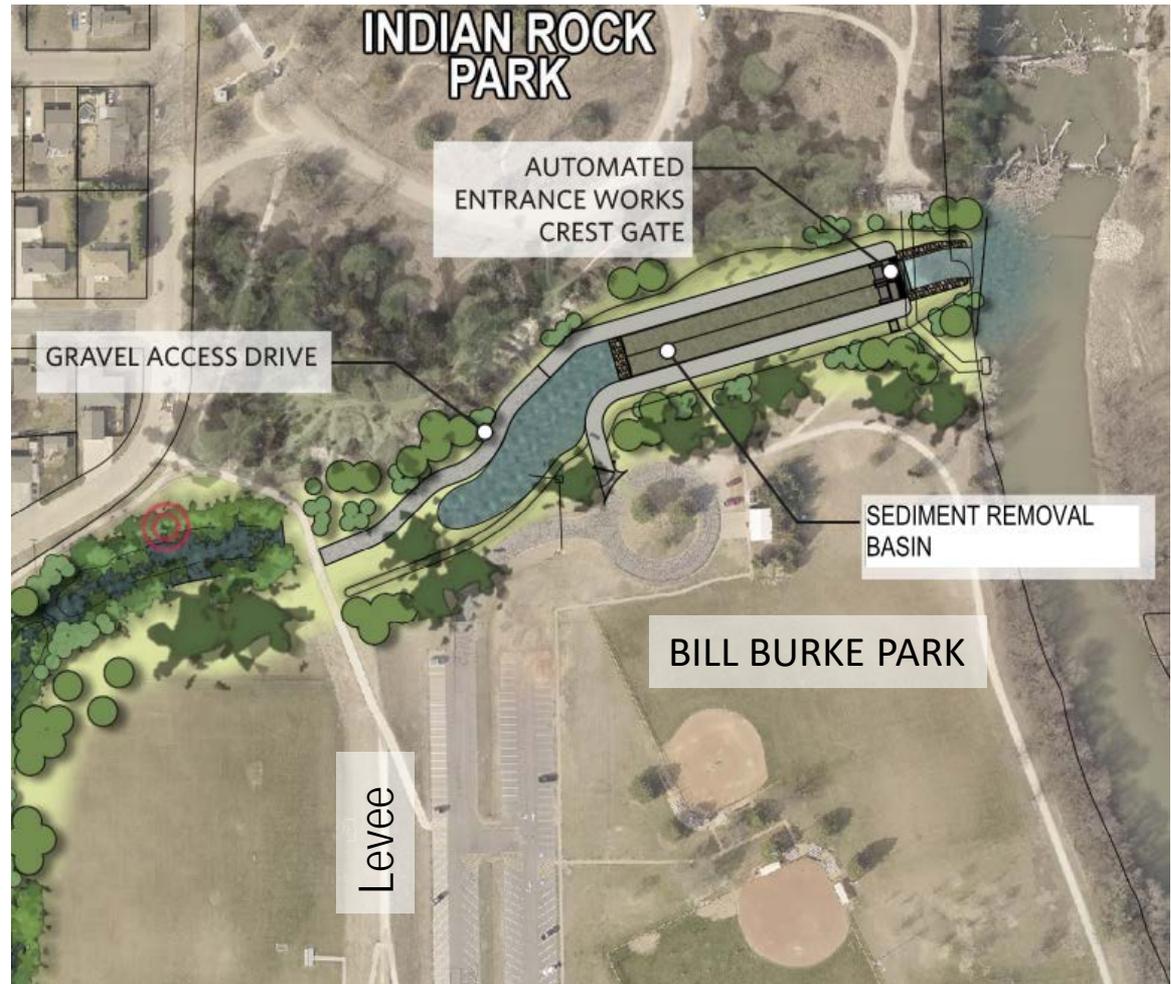


04

## Source and Quality of Water

# Source of Water

- Water Right #47,510
  - 100 cfs Maximum
  - 28,952 ac-ft/ yr
  - $\geq 40$  cfs at Mentor Gauge
- Alternative Water Supplies
- Kannapolis Reservoir Storage Purchase



# Water Quality

- Avoid mud and sediment at bottom
- 2018 summer sampling
- Low total suspended solids at top





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## **KDOT Bike Trail Funding**

# Trail Funding Opportunity – KDOT TAP

- KDOT Transportation Alternative Program (TAP)
  - Federally Funded Program
  - Focus on non-traditional projects
    - Pedestrian and bicycle / non-motorized
    - Safe Routes to School
    - Historic and Archaeological
    - Scenic and Environmental
  - \$1.75M available (2020 Construction)
  - South Ohio Street Pedestrian Undercrossing



**Transportation Alternatives (TA) Program**  
2020 TA PROJECT APPLICATION FORM

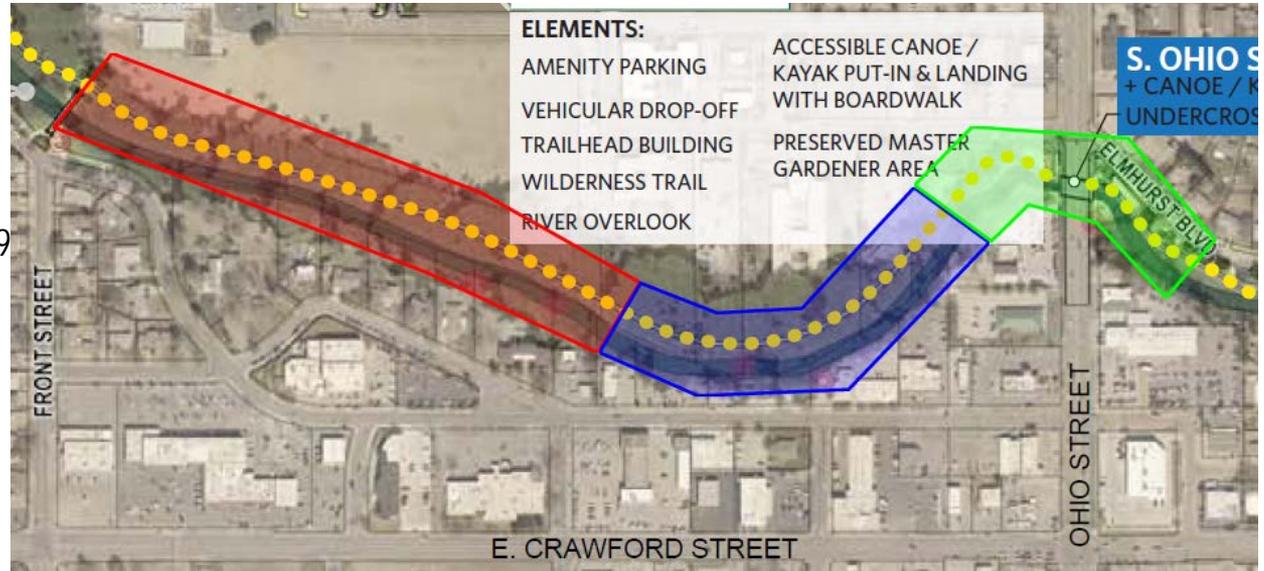
| REQUIRED DOCUMENTS   |                                |  |
|--|--------------------------------|--|
| 21. REQUIRED ATTACHMENTS – please attach the following items to this application with the corresponding letter (A thru I) in the upper right-hand corner of each item. |                                |  |
| A  | NARRATIVE                      | Prepare 1 to 2 pages of text that describe existing conditions, needs, project scope, and benefits related to the proposed project.  |
| B  | DETAILED MAPS & PHOTOS         | Provide maps and photos that identify the project location, boundaries, and existing conditions.   |
| C  | SKETCH-PLAN/PRELIMINARY DESIGN | Provide documents that illustrate the completed project, include cross-sections and preliminary plans for proposed facility types.   |
| D  | COST ESTIMATES                 | Prepare a detailed itemization of the estimated total project costs and the associated work phase(s).  |
| E  | PROJECT TIMELINE               | Prepare a project timeline for the total duration of the project or program. Please anticipate awards being announced in December 2018 and beginning the design process once awards are announced.   |
| F  | RESOLUTION OF SUPPORT          | Provide an official endorsement of the project from the authority to be responsible for providing the matching funds, maintenance and operation. The authority <b>must</b> provide written assurance that it will adequately maintain the completed project for its intended public use.                         |
| G  | LETTERS OF SUPPORT             | Provide Letters of Support for the project from the public, community organizations and businesses, or property owners regarding right-of-way. If applicable, a Letter of Support will also be required from any historical society, scenic or historic byway board, or MPO that addresses the project's impact. |
| H  | SAFE ROUTES TO SCHOOL PLAN     | All SRTS Phase 2 applicants <b>must</b> submit a Safe Routes to School Plan that supports the proposed project.  |
| I  | PLANNING DOCUMENT              | If available, provide the section from any eligible planning document that supports the proposed project.  |

# Trail Funding Opportunity – KDOT TAP

- Ohio to YMCA (3,130 ft)
- TAP Funds Requested - \$1.23M

- Schedule

- Application: Sept 2019
- Site Review: Oct 2019
- Ranking Applications: Dec 2019
- Award: January 2019
- Design: 2019
- Construction: 2020





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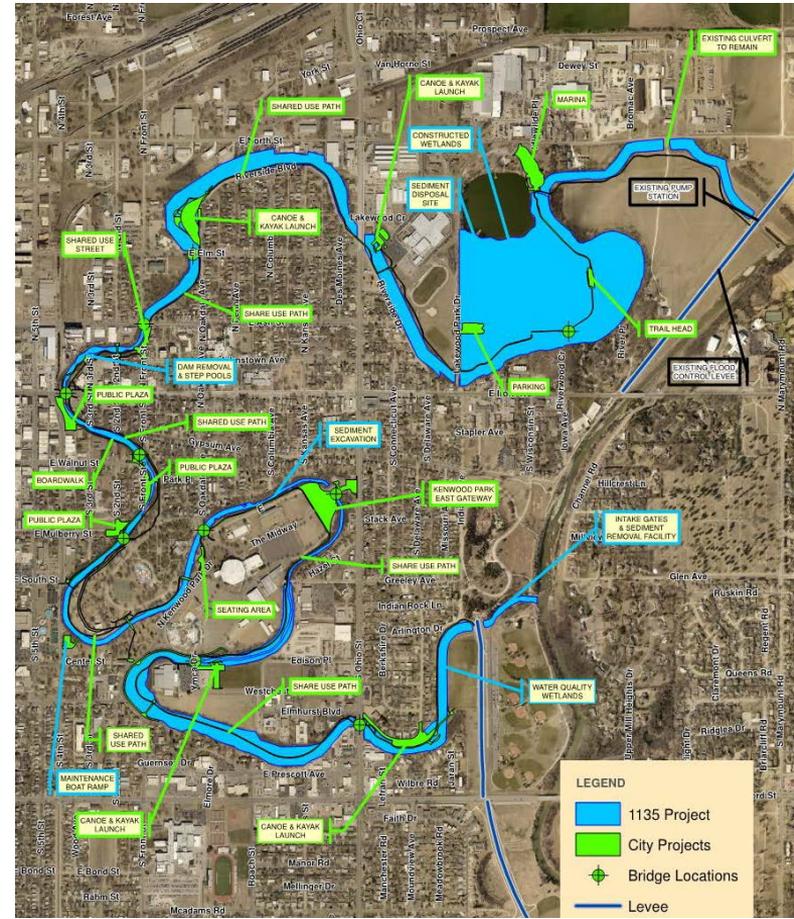
# **USACE 1135 Aquatic Ecosystem Enhancement Funding**

# Potential 1135 Aquatic Ecosystem Program Areas

- 1135 Ecosystem Major Elements
  - Entrance works
  - Sediment Excavation and Disposal
  - Channel Shaping (6 miles)
  - Bank Stability & Vegetation Management
- 75-25 Construction Cost Share (existing lands count toward cost share)
- \$10 Million Federal Limit



U.S. Army Corps of Engineers  
Northwestern Division  
Kansas City District  
801 East 12<sup>th</sup> Street  
Kansas City, Missouri 64106



# USACE Funding Process

- 1) USACE/ City Cost Share Agreement
- 2) Environmental Clearance (NEPA) & Preliminary Design
  - \$350,000 City Cost Share
  - \$450,000 USACE Funding
  - Fully Funded!
- 3) Final Design (pending funding)
- 4) Construction (multi-year, pending funding)

BETWEEN  
THE DEPARTMENT OF THE ARMY  
AND  
THE CITY OF SALINA, KANSAS  
FOR THE  
**SECTION 1135 SMOKY HILL RIVER  
AQUATIC ECOSYSTEM RESTORATION FEASIBILITY STUDY**

THIS AGREEMENT is entered into this 5<sup>th</sup> day of January, 2018, by and between the Department of the Army (hereinafter the "Government"), represented by the U.S. Army Engineer, Kansas City District (hereinafter the "District Engineer") and the City of Salina, Kansas (hereinafter the "Non-Federal Sponsor"), represented by the Mayor of Salina, Kansas.

WITNESSETH, THAT:

WHEREAS, Section 1135 of the Water Resources Development Act of 1986, Public Law 99-662, as amended (33 U.S.C. 2309a), authorizes the study to restore degraded aquatic habitats at Salina, Kansas. The study will result in a plan to restore degraded wetland and stream habitat. Degraded wetland habitat would be restored by implementing increased water level control to manage hydrology and invasive species and reestablish native plant species. Wetland functions would be improved for increased waterfowl and other migratory bird habitat and food sources and would provide incidental water quality benefits such as sediment retention. Stream restoration along the Smoky Hill River would prevent the erosion of adjacent wetland areas, increase the acreage of aquatic habitat and prevent downstream sedimentation of existing aquatic habitat;

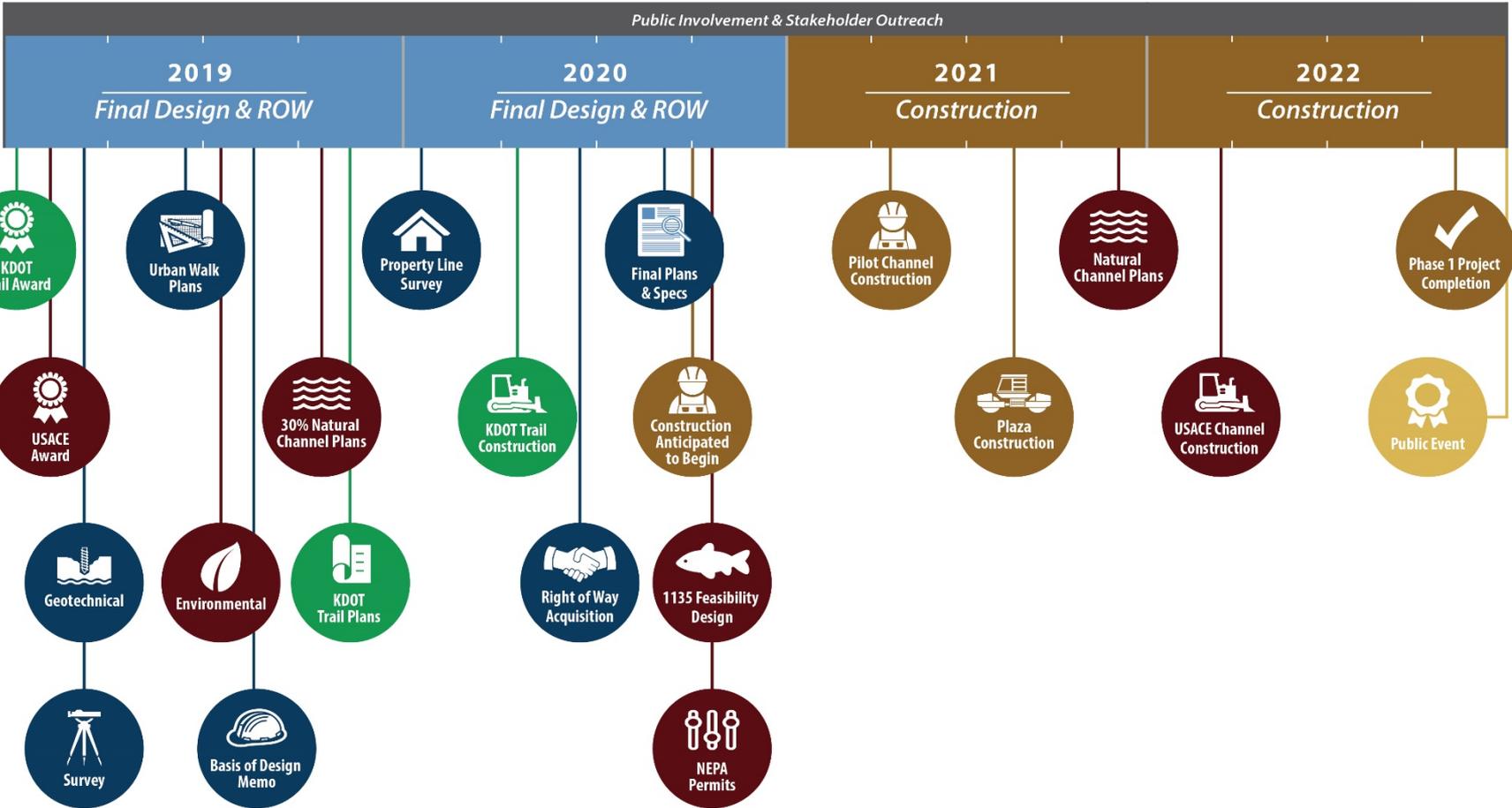
WHEREAS, Section 105(a) of the Water Resources Development Act of 1986, Public Law 99-662, as amended (33 U.S.C. 2215(a)), specifies the cost-sharing requirements; and

WHEREAS, the Government and the Non-Federal Sponsor have the full authority and capability to perform in accordance with the terms of this Agreement.



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## **Project Schedule**





**Thank You!**