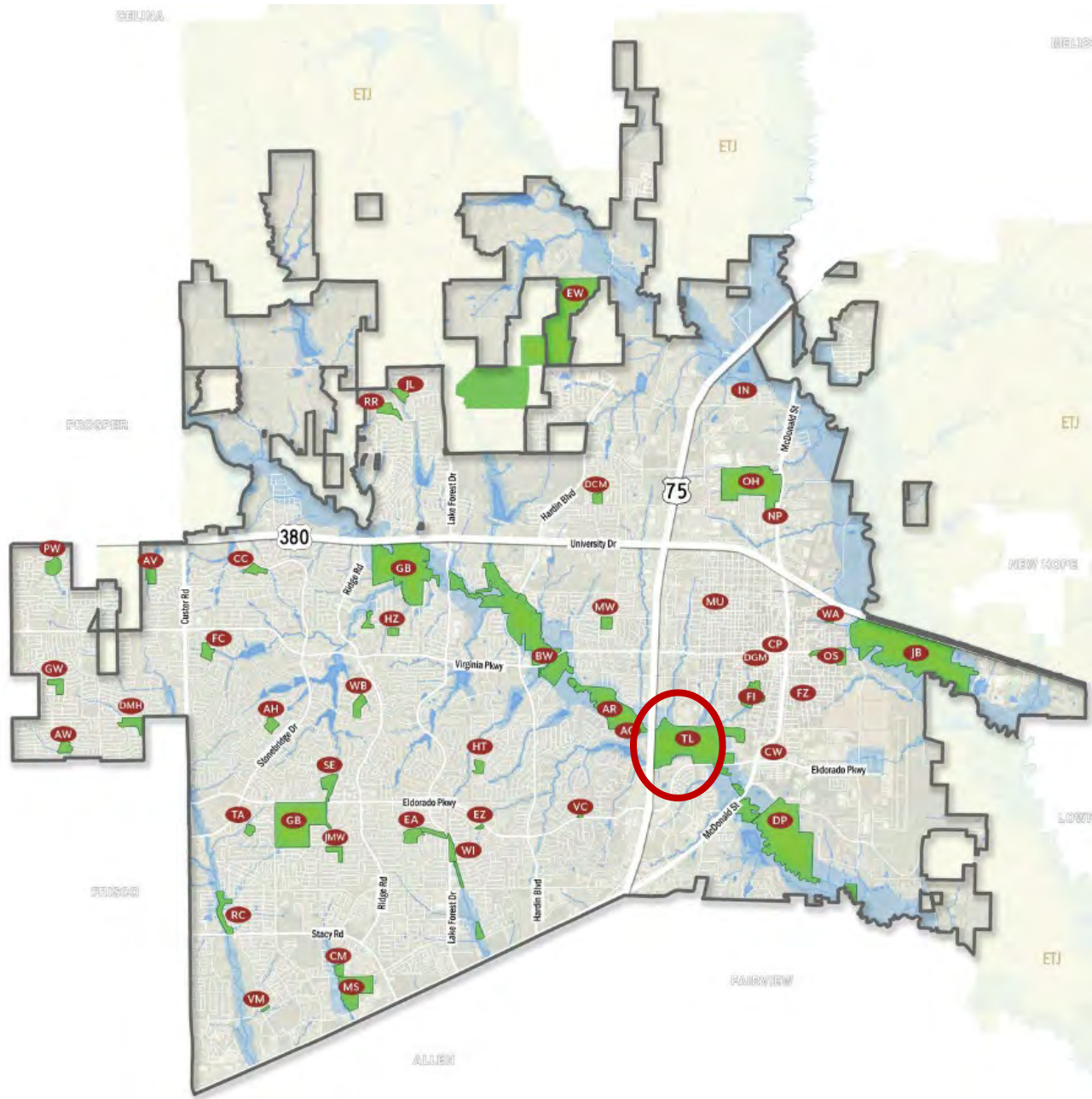
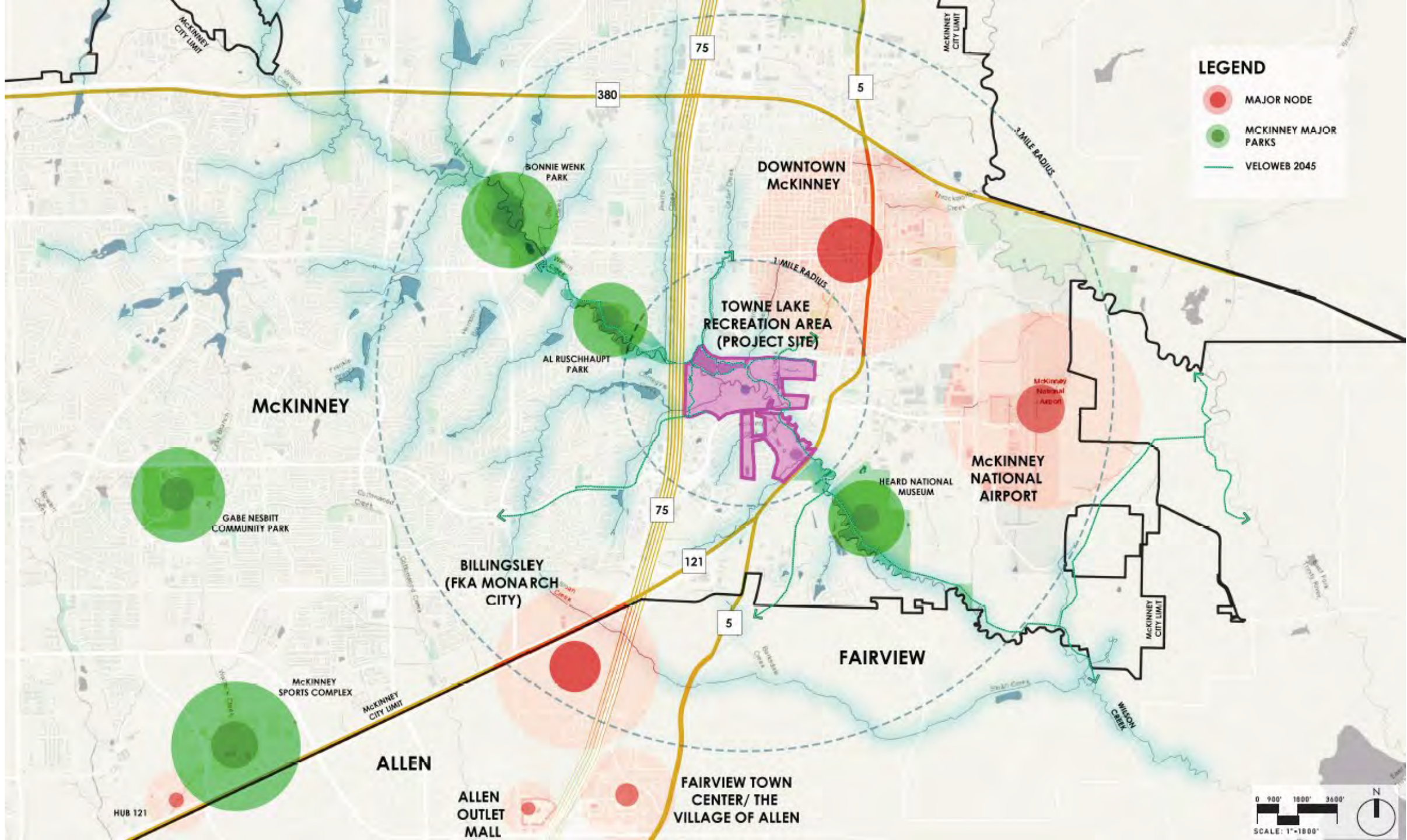


# Parks & Recreation Department

*UPDATE ON TOWNE LAKE PARK MASTER PLAN & CITYWIDE TRAILS PLAN*

**Michael Kowski - Director of Parks and Recreation**





**LEGEND**

- MAJOR NODE
- MCKINNEY MAJOR PARKS
- VELOWEB 2045

**MCKINNEY**

**DOWNTOWN  
MCKINNEY**

**TOWNE LAKE  
RECREATION AREA  
(PROJECT SITE)**

**MCKINNEY  
NATIONAL  
AIRPORT**

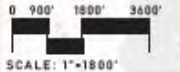
**BILLINGSLEY  
(FKA MONARCH  
CITY)**

**FAIRVIEW**

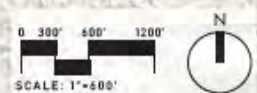
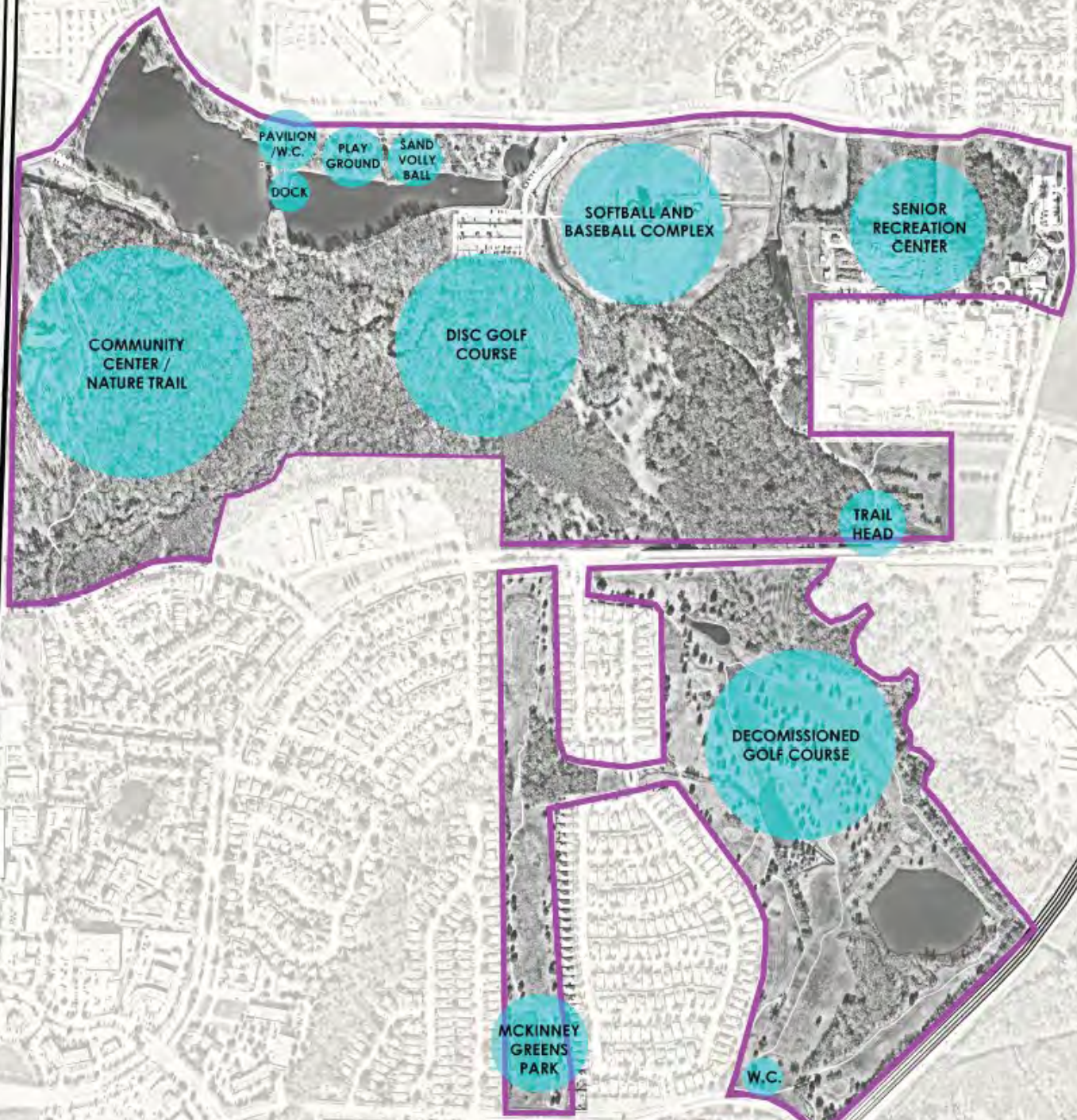
**ALLEN**

**ALLEN  
OUTLET  
MALL**

**FAIRVIEW TOWN  
CENTER/  
THE VILLAGE OF ALLEN**



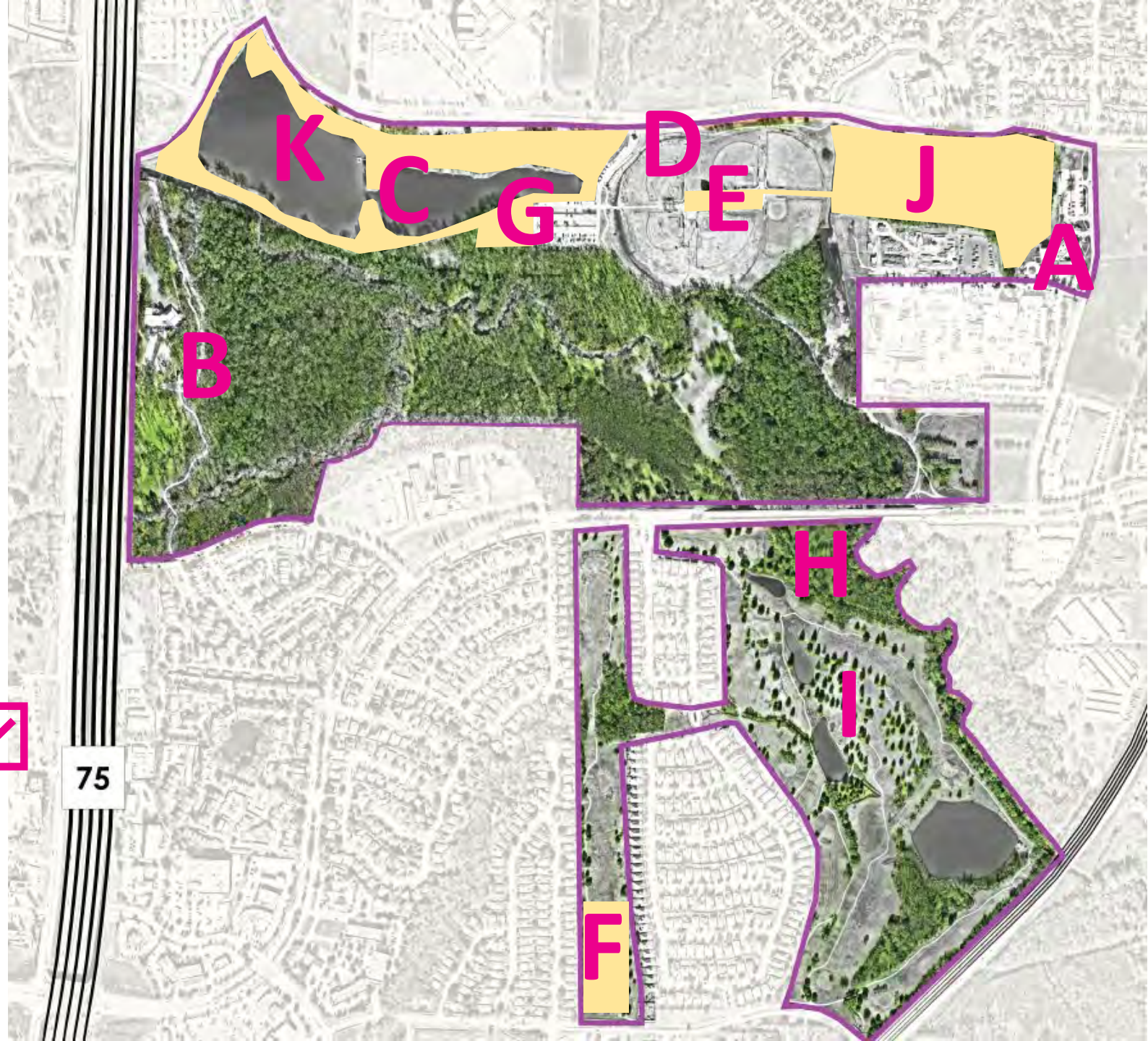








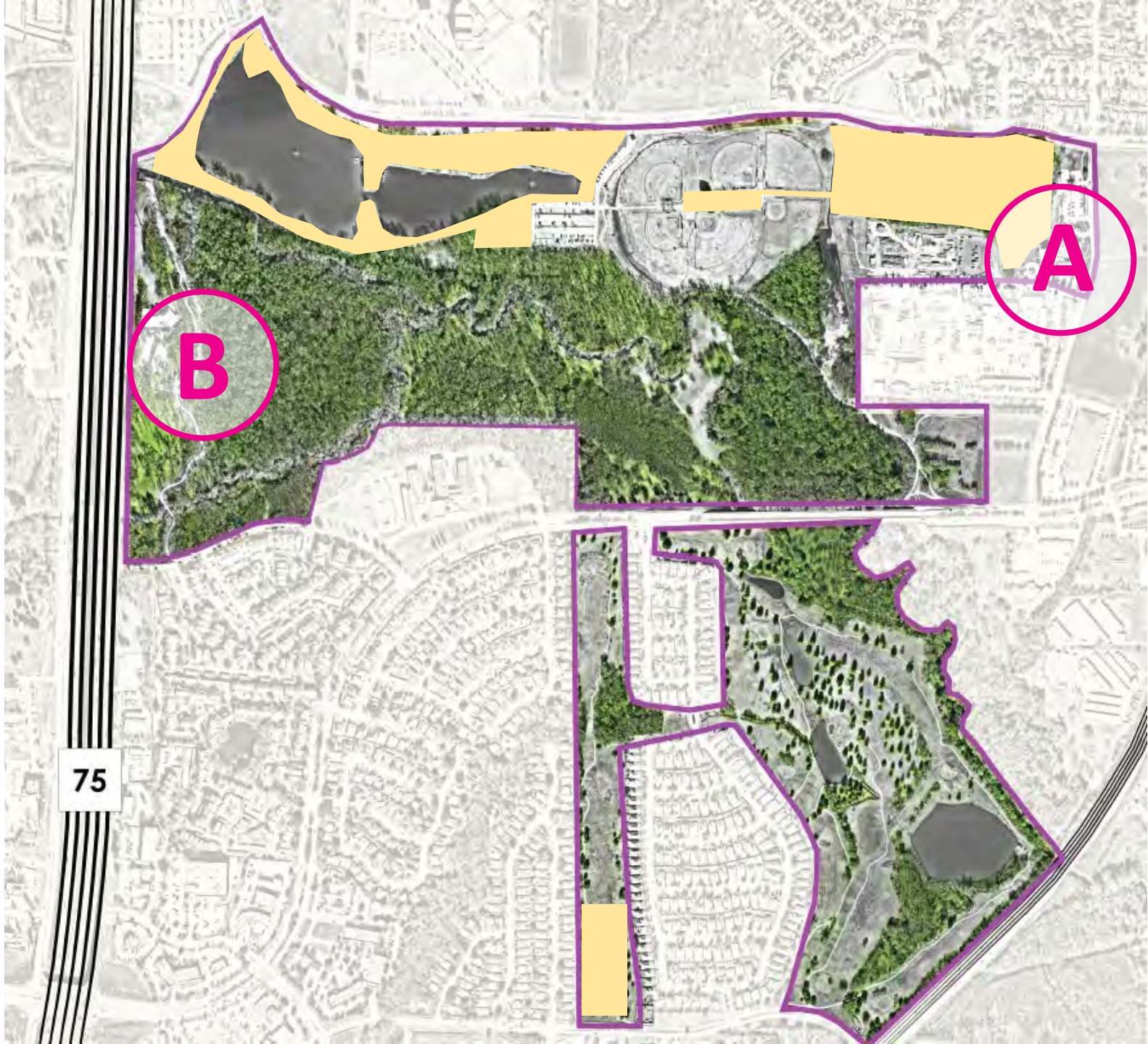
- A** SRC Renovations
- B** RCTL Renovations
- C** Kayak Launch
- D** Field Upgrades
- E** Playground/Shade
- F** Greens Park
- G** Lighted Woods
- H** Trail Connections
- I** Restore the Canopy
- J** Phase 1 – Dog Park
- K** Next Phase(s)



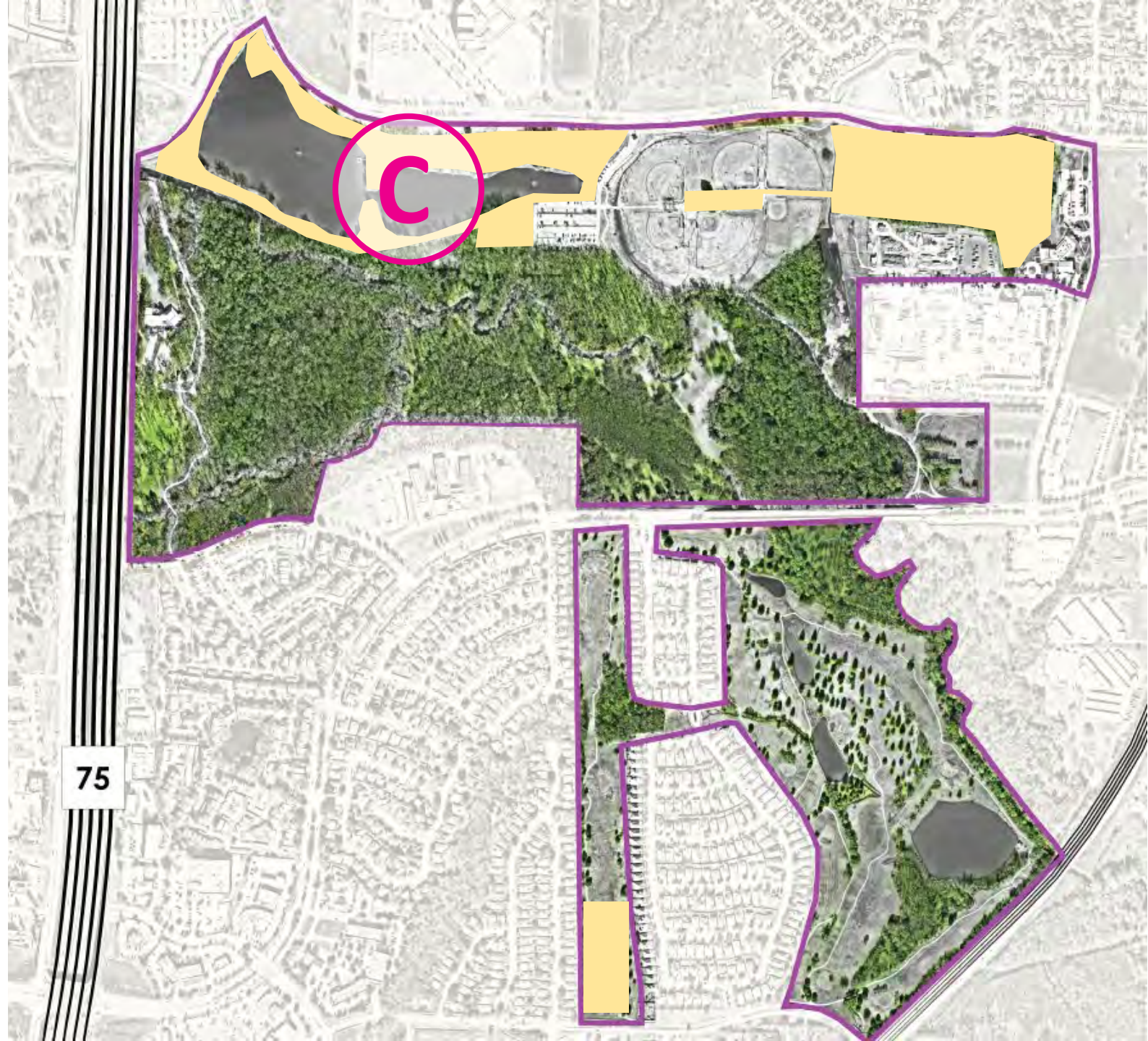
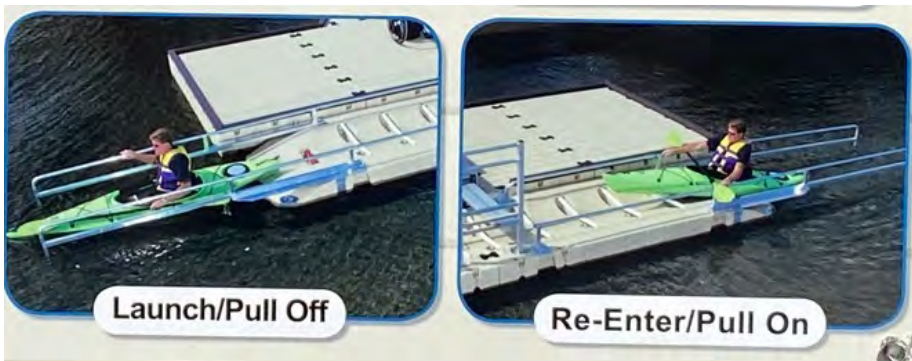


**A** SRC Renovations

**B** RCTL Renovations

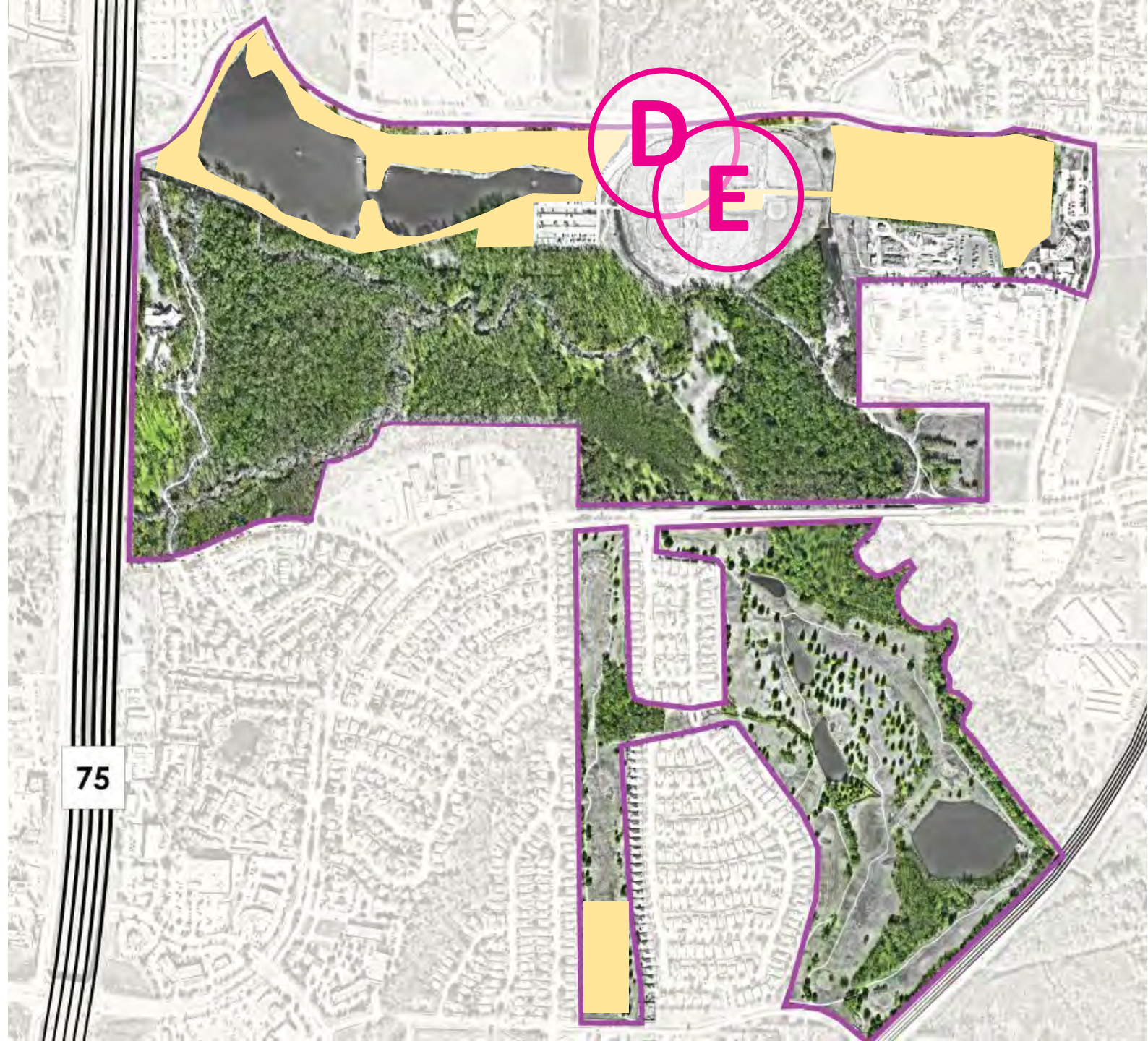


# C Kayak Launch

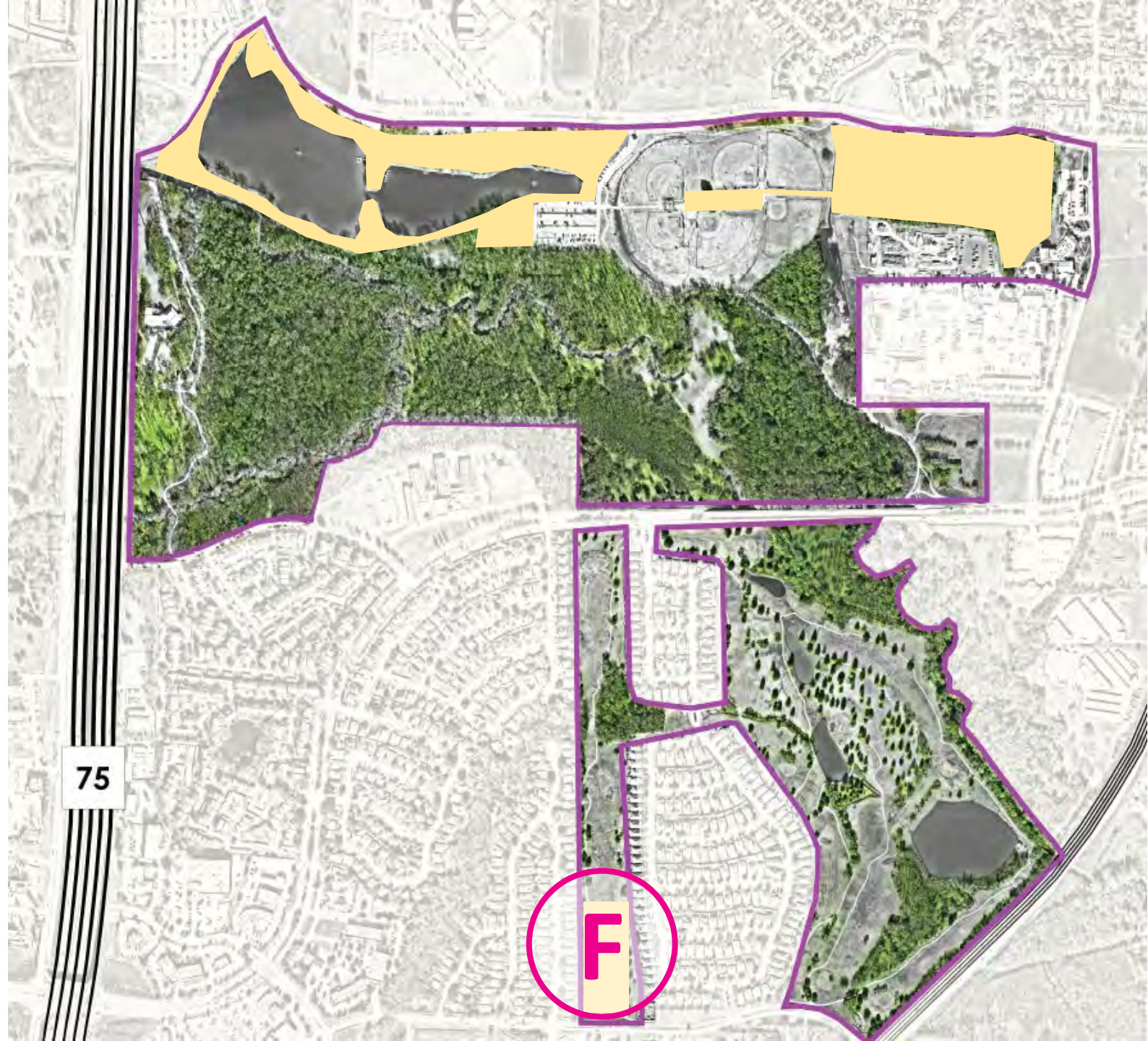


D Field Upgrades

E Playground/Shade



# F Greens Park

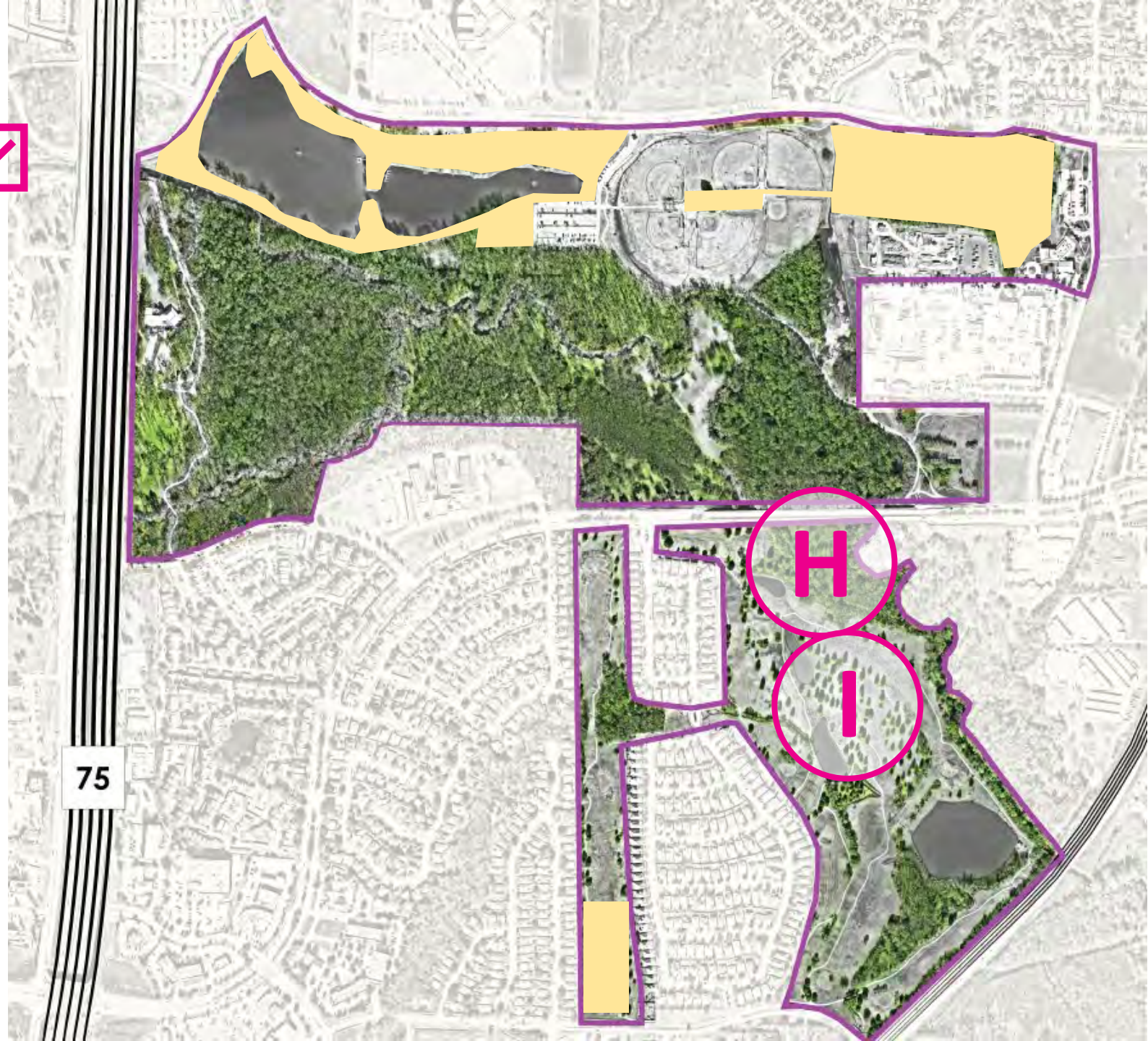


# G Lighted Woods



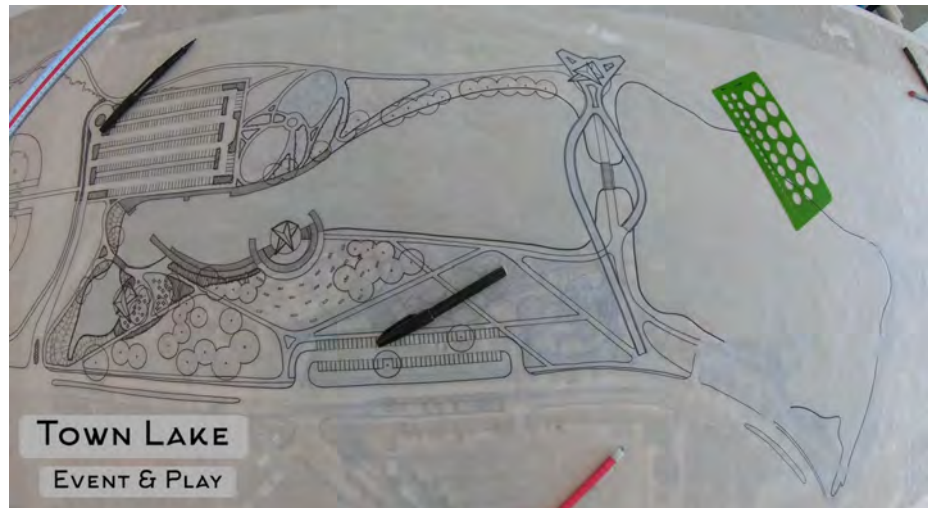
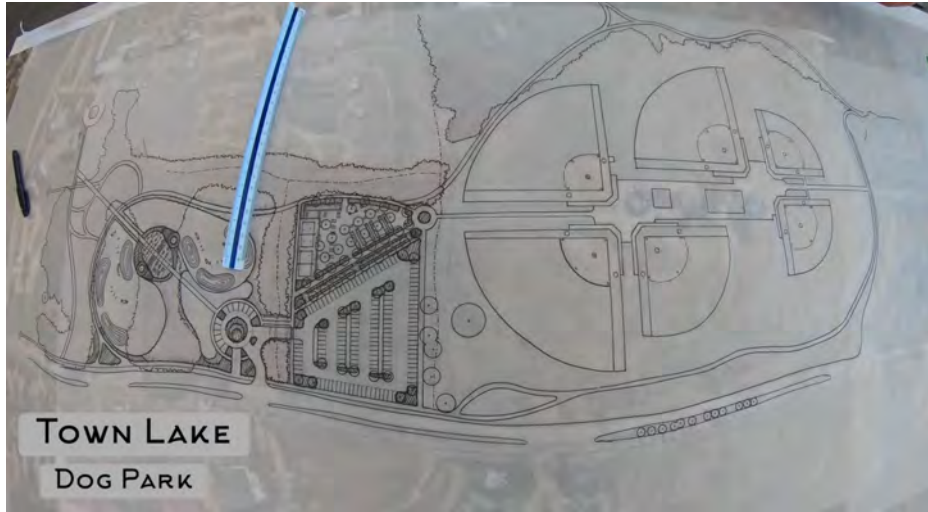
**H** Trail Connections

**I** Restore the Canopy



**J** Phase 1 – Dog Park

**K** Next Phase(s)













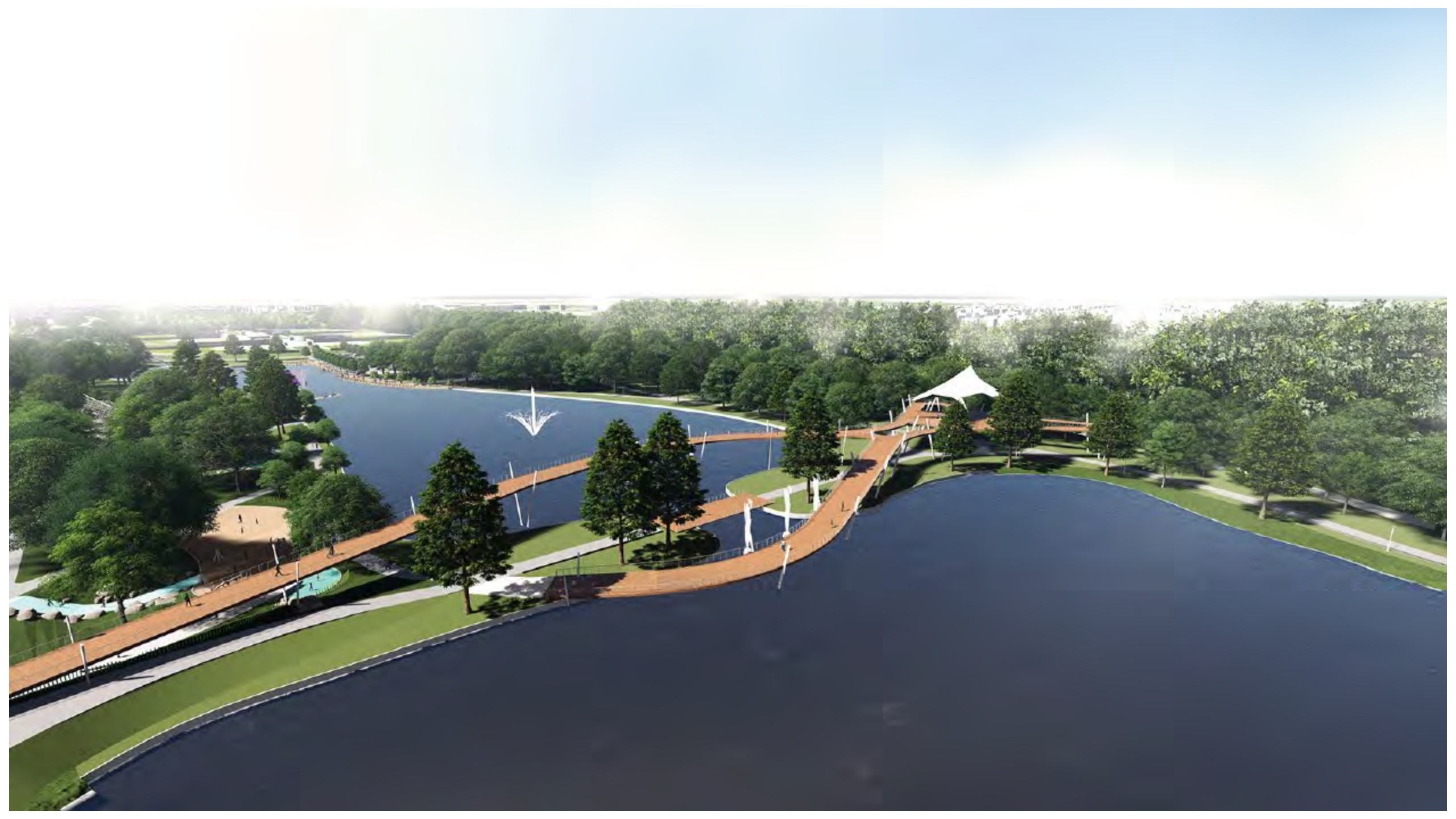


TOWNE LAKE PARK IN MCKINNEY

GIOVANNI GARCIA









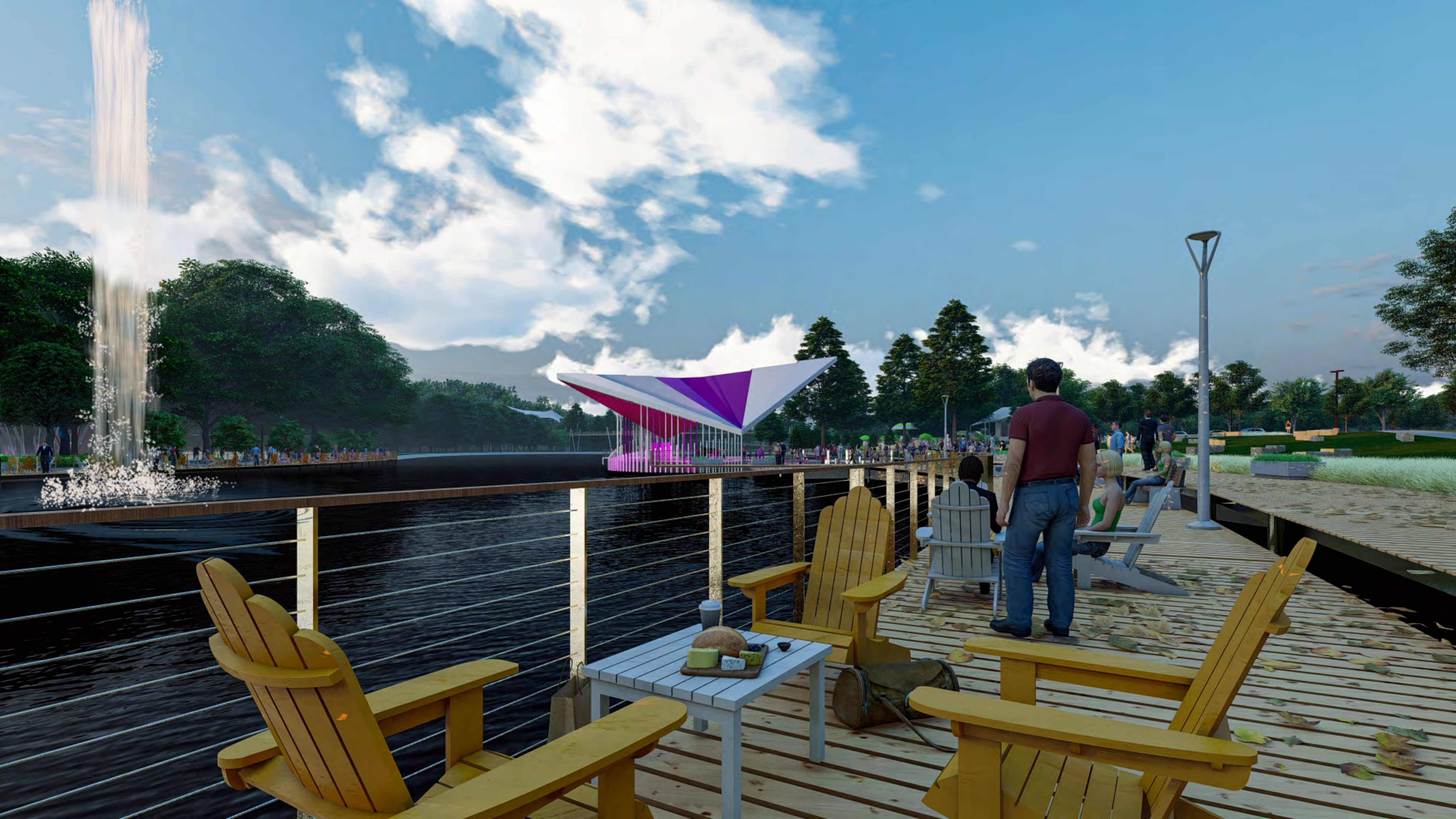














LIN QUE



















An aerial photograph of a lush green landscape. A dirt path winds through a grassy field, leading towards a dense forest of trees in the background. The scene is bright and sunny, with vibrant green grass and foliage. A large, white, stylized number '01' is overlaid on the right side of the image, with a thin green outline around it.

01

PLANNING PROCESS

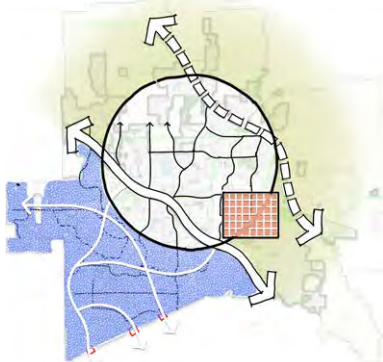
# Planning Process

Throughout the master planning process, the Team worked closely with City staff and leaders to examine opportunities to expand the vibrant, connected McKinney trail network. During the planning process, development of this trail network plan was achieved using a three-phase approach, as follows:



## Analysis

- *Project Initiation*
- *Data Gathering & Inventory*
- *Site Review / Existing Conditions*
- *Opportunities & Considerations*
- *Benchmark Tour*



## Planning

- *Concept Trail Plan*
- *Public Engagement*
- *Implementation Strategies*
- *Preliminary Trail Master Plan*



## Recommendations

- *Roadside & Parkways*
- *Greenbelts & Parks*
- *On-Street Bike Strategy*
- *Crossings & Trailheads*
- *Portals & Branding*
- *Final Trail Master Plan*
- *Implementation*





# 03

PLANNING

# Planning

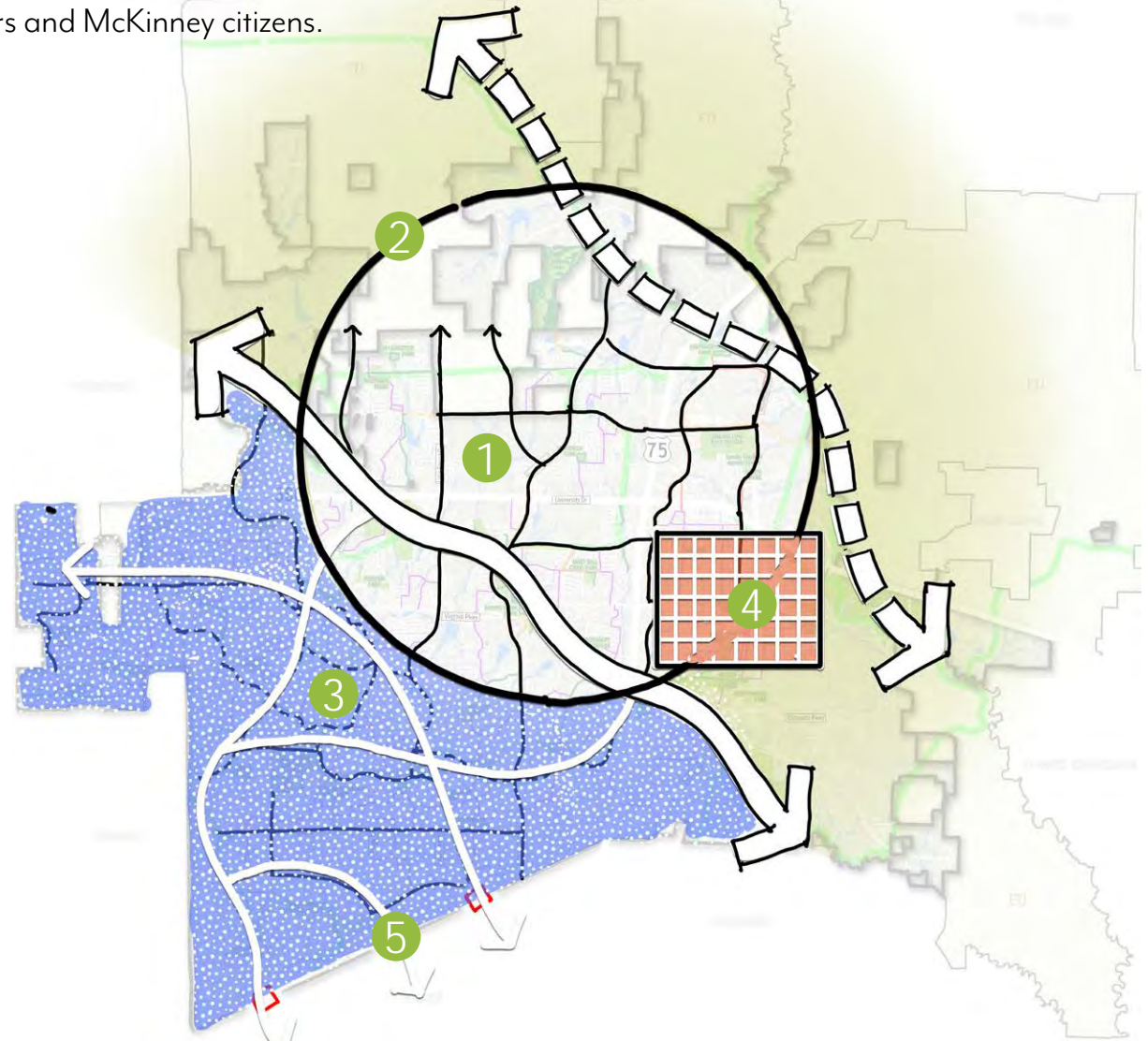
Equipped with information gathered during the analysis phase, the Dunaway team proceeded into the planning phase of the Trails Master Plan. These steps included outlining plan objectives for McKinney, development of a Conceptual Trail Network Plan, and review meetings with City leaders and McKinney citizens.

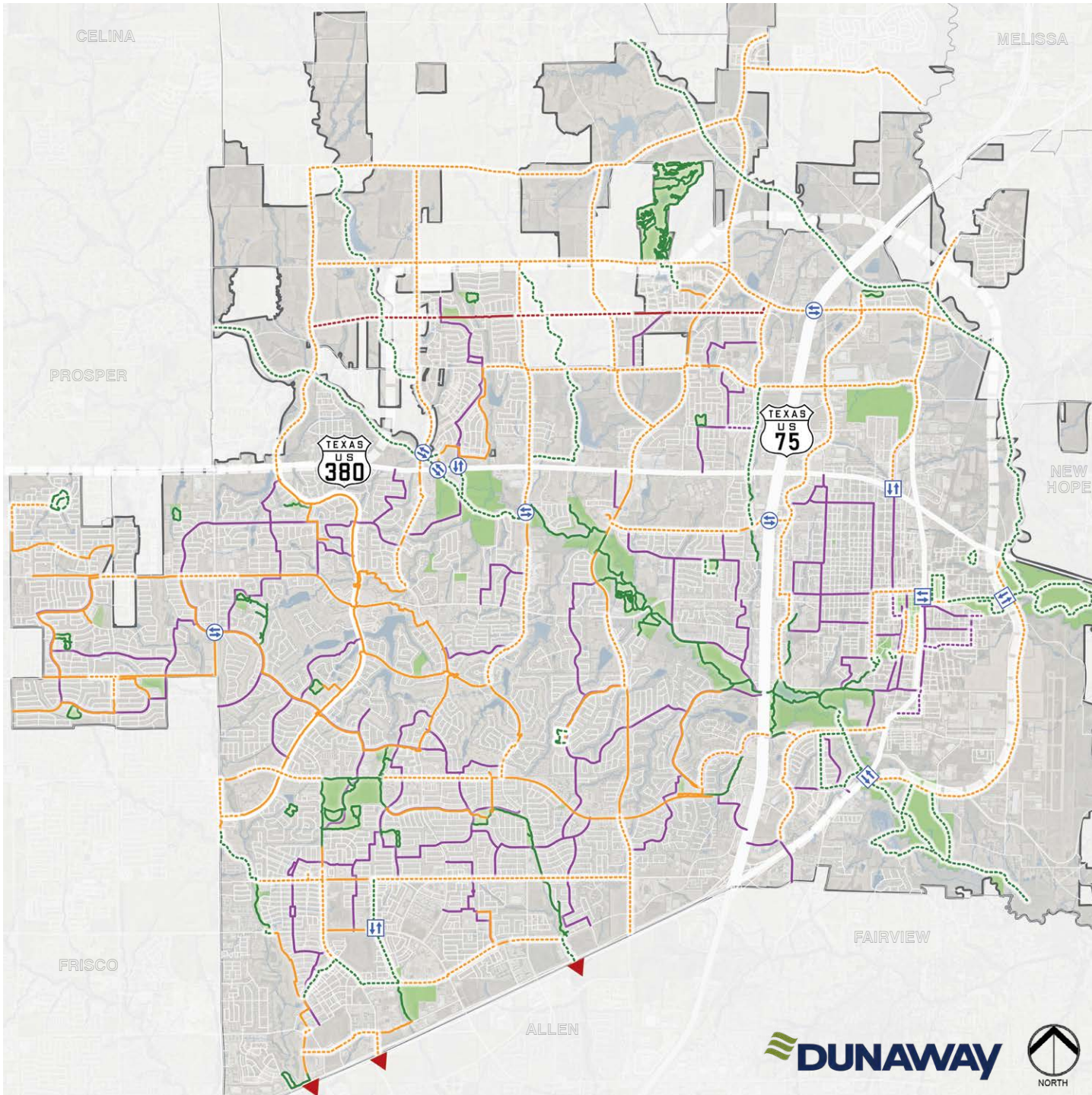
## CONCEPT DIAGRAM

Dunaway worked with City staff to develop an intentional strategy that will guide the expansion of McKinney's trail network. The diagram below organizes these growth strategies into five objectives, which reflect the land uses, growth dynamics, infrastructure expansion and natural resources of the City. The objectives illustrated in the concept diagram, and listed below, were presented to City Leaders and the community for discussion and input then used to inform the Trail Network Plan.

Objectives:

- 1 Build the Framework
- 2 City Wide Loop Trail
- 3 Fill the Grid
- 4 Downtown Strategy
- 5 Regional Connectivity





## TRAIL NETWORK PLAN

### Trails (Existing & Proposed)

- Parkway Trail
- Bicycle Boulevard
- Greenbelt & Park Trail
- Easement Trail

### Crossings & Connections

- At-Grade Crossing
- Grade Separated Crossing
- Regional Connection



# 1

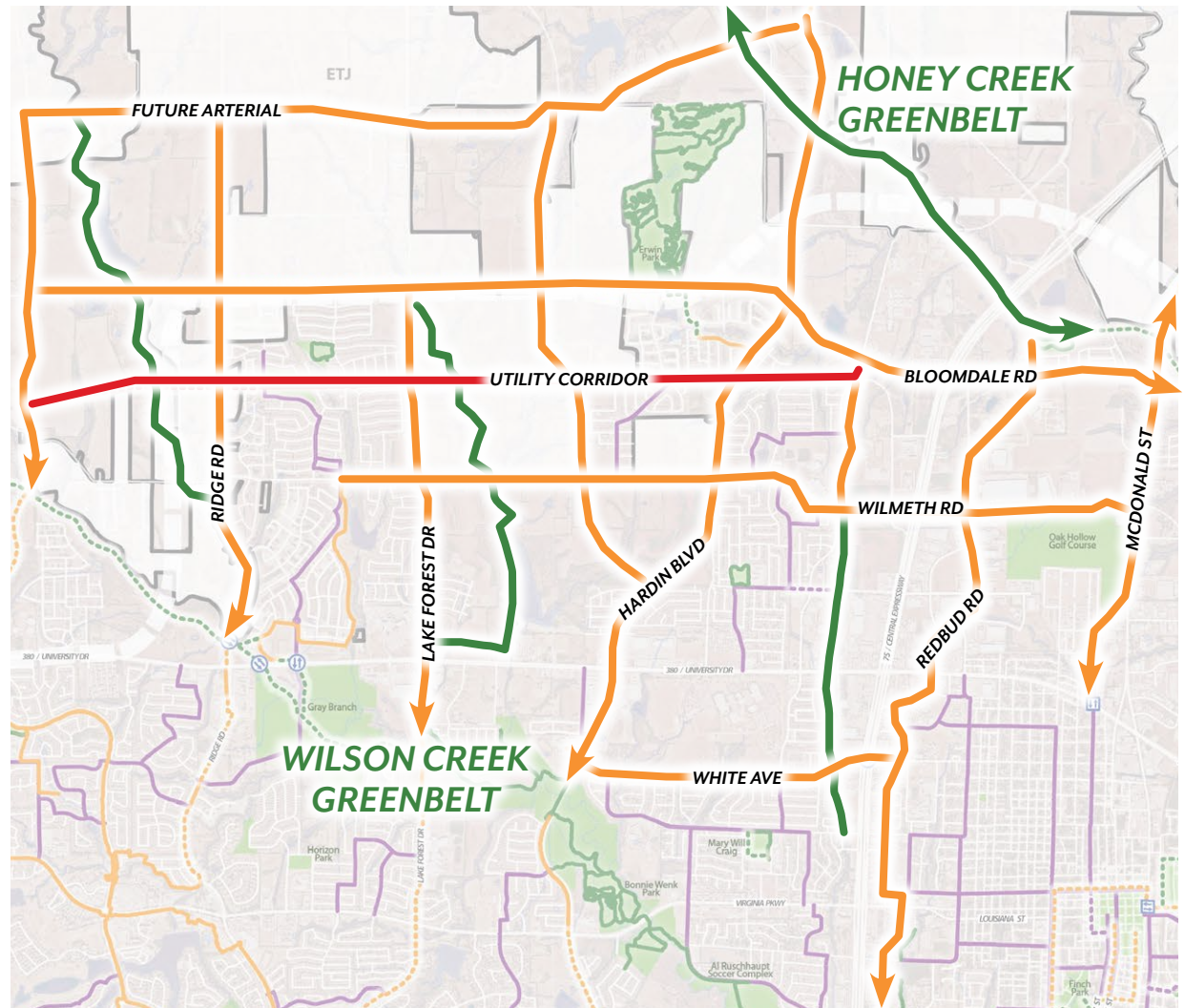
## BUILD THE FRAMEWORK

As residential development moves north so does the need for trails. Partnering with developers and constructing strategic segments in utility easements and beside new arterials, will establish a framework for the network in this fast developing area.



### Key Segments:

- **North Expansion**
  - Ridge Road, Lake Forest Drive, Hardin Boulevard, Redbud Road
- **East West Connection**
  - Wilmeth Road, Bloomdale Road, Cross US 75, White Avenue
- **Utilize Drainageways/ Easements**
  - North from White to Wilmeth
  - East from Ridge to Bloomdale



# 2

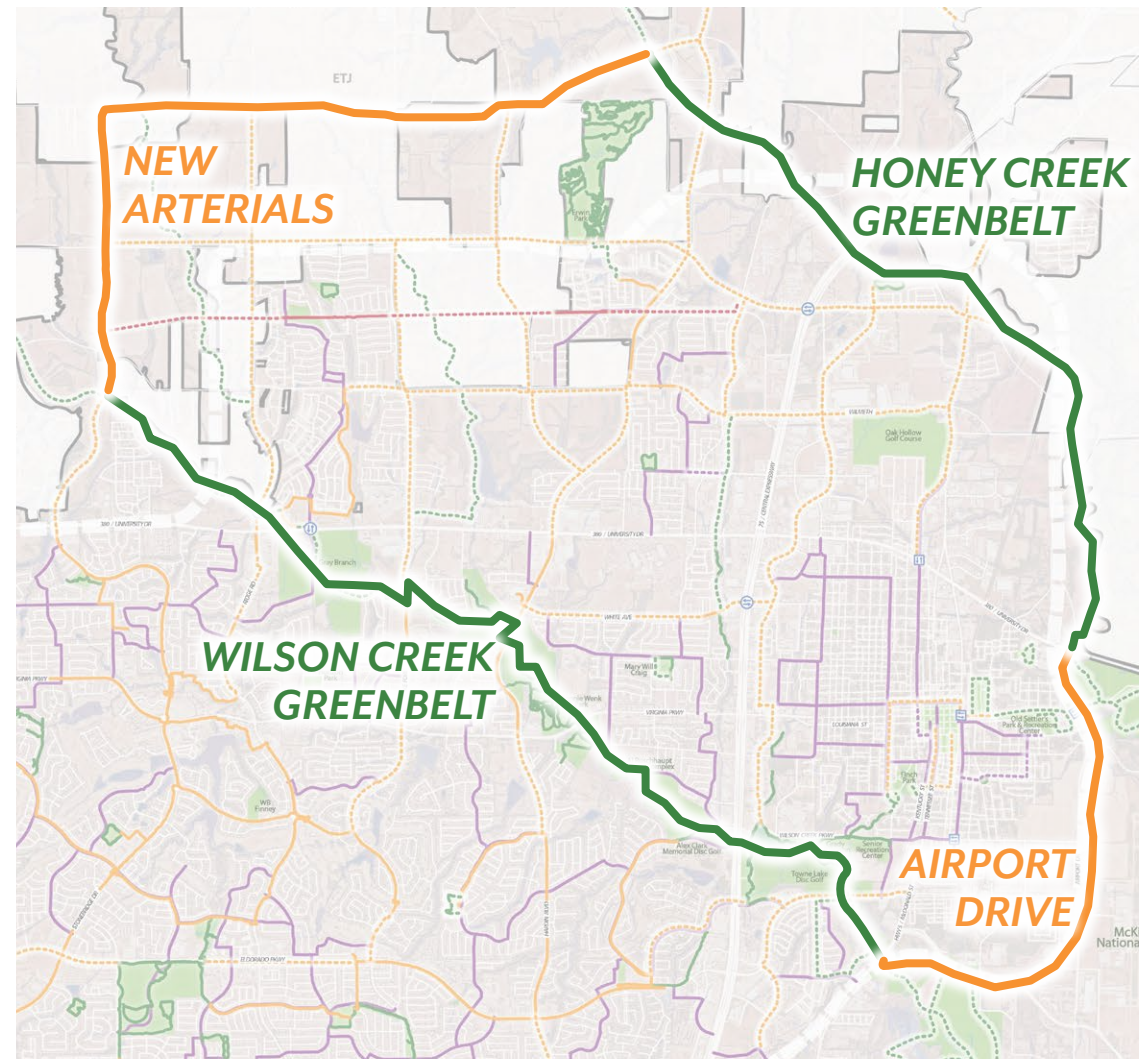
## CITY-WIDE LOOP

The loop trail will link many of McKinney's districts and natural areas with a continuous 25 mile trail experience for residents and visitors alike. Existing parks and new trail heads will provide rest points and access to the loop at key locations. This loop will utilize existing trails in both the Wilson Creek & Honey Creek Greenbelts as well as trails adjacent to new greenway arterials identified in the thoroughfare plan.



### Key Segments:

- Utilize arterial construction to develop the framework of the system
- Establish method for developing Honey Creek Corridor
- Link Recreational Trails
- Rest Stops at Strategic Locations Around Loop



# 3

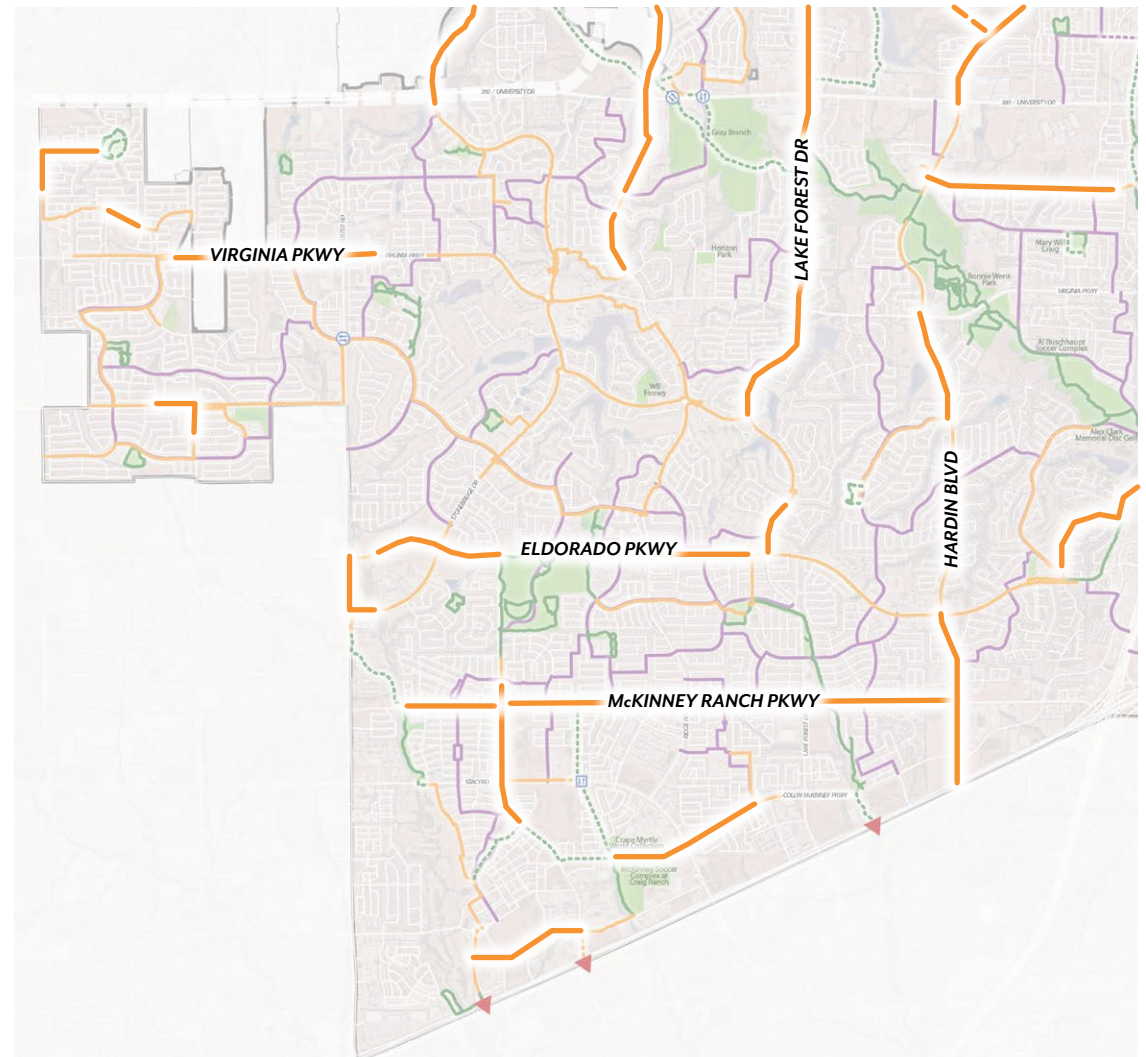
## FILL THE GAPS (WEST OF US 75)

Many of McKinney's residential neighborhoods west of US 75 were developed with the trail user in mind resulting in a high level of connectivity between neighborhoods, parks and schools. In these areas, major projects are not required rather a focused effort on maintenance and construction of strategic segments that will expand the network and complete the grid.



### Key Segments:

- **Extend Network South**
  - Utilize Watters Creek (Silverado Parkway to Collin McKinney Parkway)
  - Silverado East-West Segment
  - Under Bridge Crossings
- **Close gaps in the existing network**
- **Regional Connections**
  - Promote Bike Friendly Streetscapes in Craig Ranch



# 3

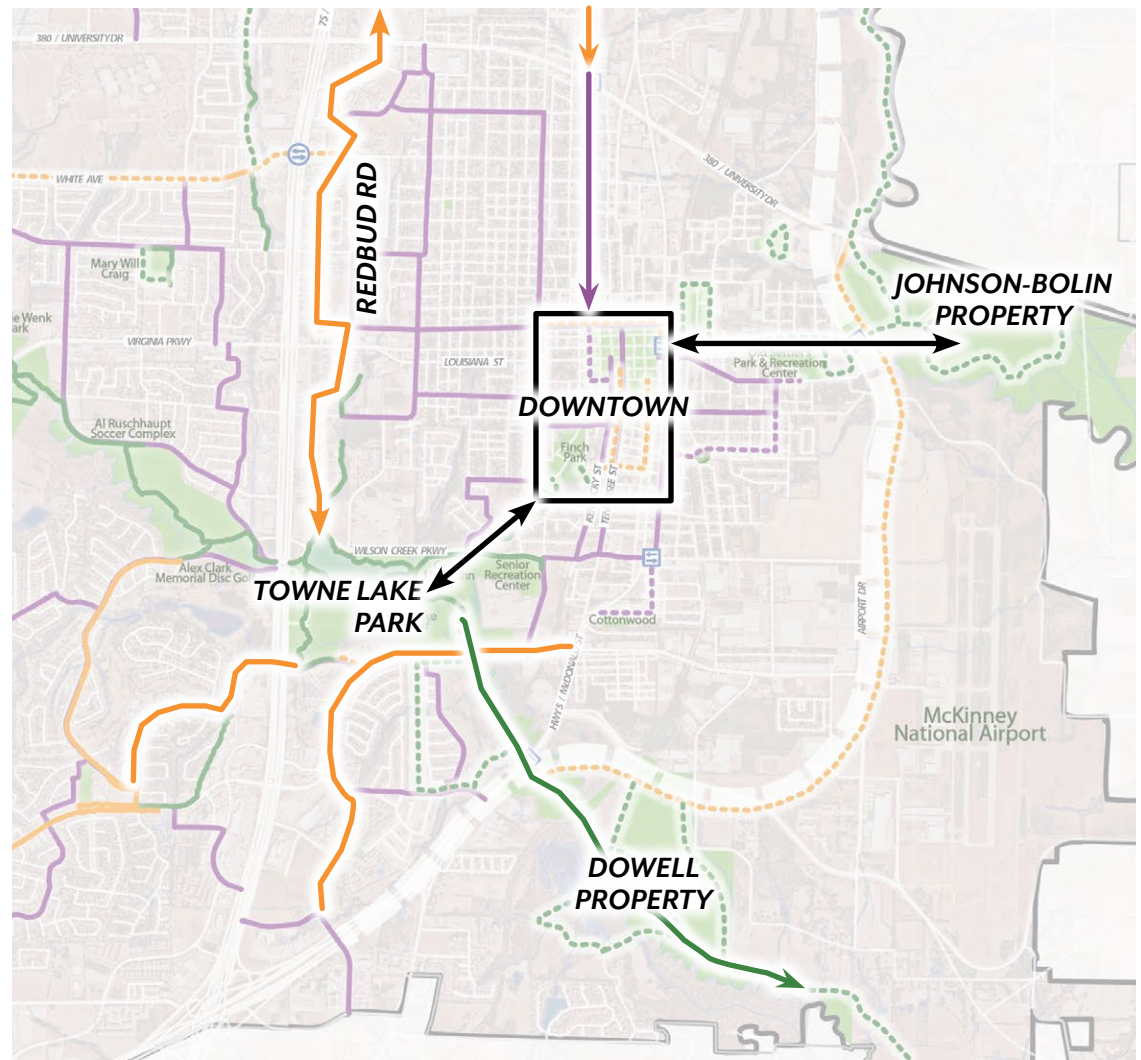
## FILL THE GAPS (EAST OF US 75)

Neighborhoods east of US 75 were developed on traditional gridded streets, allowing for an extensive bicycle boulevard in this district. The close proximity to signature parks and cultural destinations, like Towne Lake Park, Old Settler's and downtown, however critical trail connections between these destinations need to be established.



### Key Segments:

- **Greenbelt Links**
  - To Downtown
  - Airport Drive
- **Accessing Park Properties**
  - Dowell Property
  - Johnson-Bolin Property
  - Nature Trails



# 4 DOWNTOWN STRATEGY



McKinney's historic downtown is a vibrant center of activity. The county courthouse, unique businesses, and beautiful neighborhoods make this zone the cultural heart of the community. With an authentic sense of place, the traditional town layout and street grid offer a predominant pedestrian circulation system along sidewalks. The primary objectives for additional connectivity and placemaking throughout the downtown include:

Objectives:

- **A clearly defined trail hierarchy**
  - enhanced streetscapes
  - widened sidewalks
  - upgraded finishes
  - and distinct identity & wayfinding
- **Attracting year-round tourism**
  - identity loop, art & sculptures
  - history & culture
  - and trail stations & kiosks





# 4 DOWNTOWN STRATEGY (CONT.)



Within the historic core a combination of on-street bicycle boulevards and sidewalk connections will provide bike and pedestrian circulation. Park and Downtown staff should coordinate locations for bike racks, storage facilities, and potential bicycle rental opportunities to promote bicycle tourism and recreation.

Architectural elements such as enhanced pavement, kiosks, low walls, site furnishing that complement the historic area can be utilized to mark entry to the district, rest stops, public art, historical markers or other key point of interest. Maps can be developed to identify destinations and routes that highlight specific educational, cultural, or tourism interests. Examples of successful cultural tourism trails include Boston's Freedom Trail and Raleigh, North Carolina's Urban Trail.



Historical Markers / Public Art



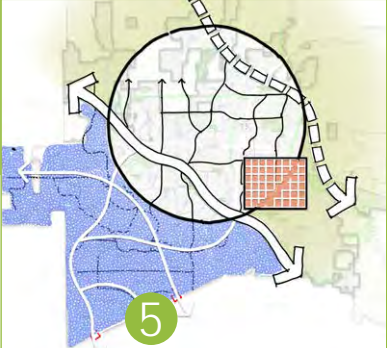
Bicycle Tours



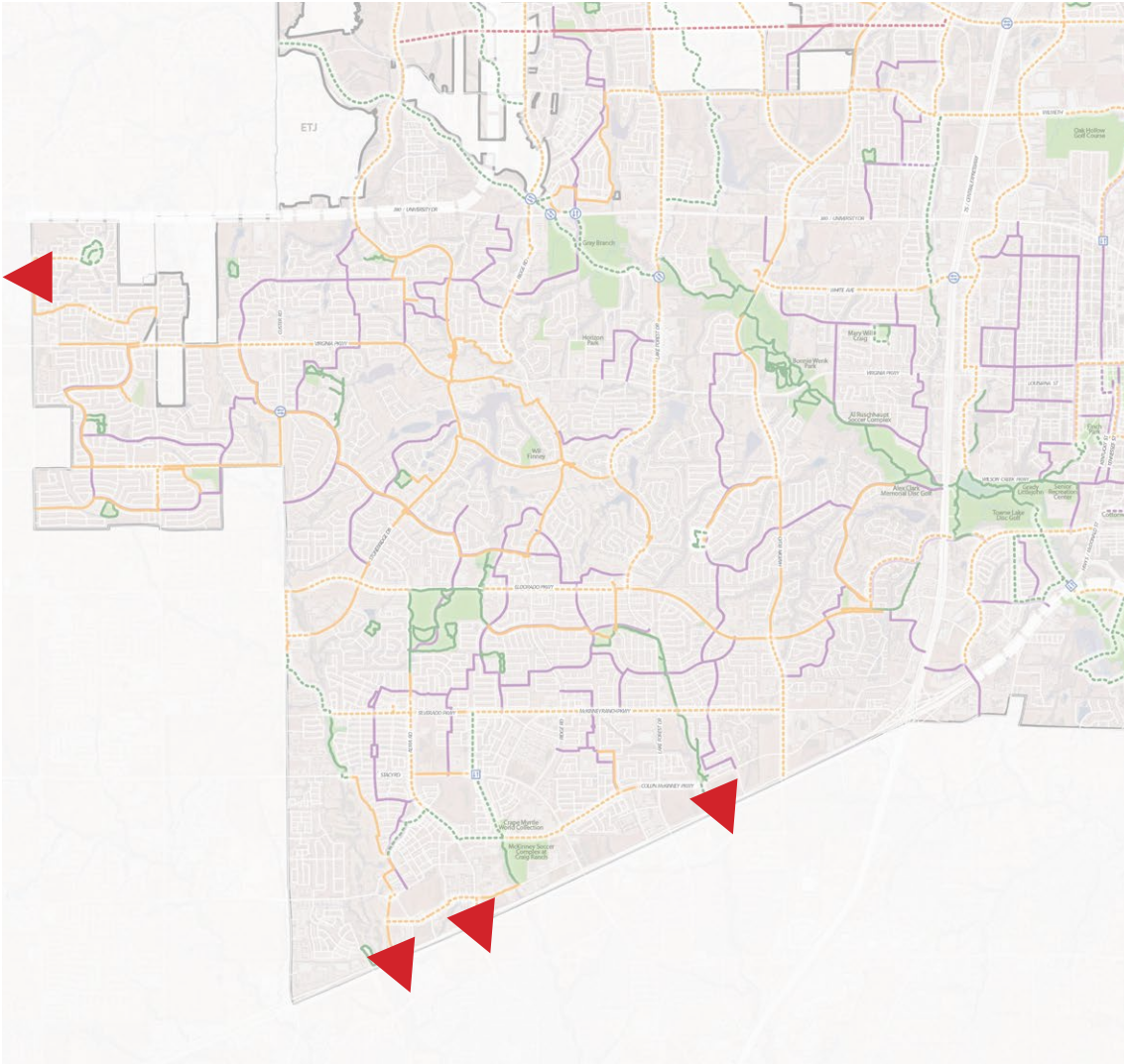
Bike Rentals

# 5

## REGIONAL CONNECTIONS



Surrounded by established and growing communities like Allen, Frisco and Prosper. McKinney is positioned to make critical regional trail connections to that will expand recreational and mobility trail options for residents and visitors. The Veloweb and six-Cities Trail Plan both have planned routes through McKinney. In three locations near SH121 neighboring Allen has extended trails to City boundary.



A photograph of a dirt path winding through a dense forest of tall, thin trees with vibrant green foliage. Sunlight filters through the canopy, creating dappled shadows on the path. On the right side of the image, the numbers '05' are overlaid in a large, white, sans-serif font. The numbers have a thin green outline and are semi-transparent, allowing the forest scene to be seen through them.

# 05

**IMPLEMENTATION**



# Implementation

City leaders should utilize this document to prioritize, plan, and budget the implementation future trail projects. McKinney's implementation strategy should be prioritized into immediate projects, short-term priorities, and future goals. This section also summarizes probable costs of trail construction and identifies potential funding sources to supplement city capital dollars.

## ***IMMEDIATE PRIORITIES (1 TO 2 YEARS)***

Projects that provide strategic connections and greatly increase the impact the trail network for McKinney citizens and visitors should be identified as immediate priorities. Typically a high-priority for current trail users these segments make critical links and address a direct mobility or safety need.

## ***SHORT-TERM PRIORITIES (3 TO 9 YEARS)***

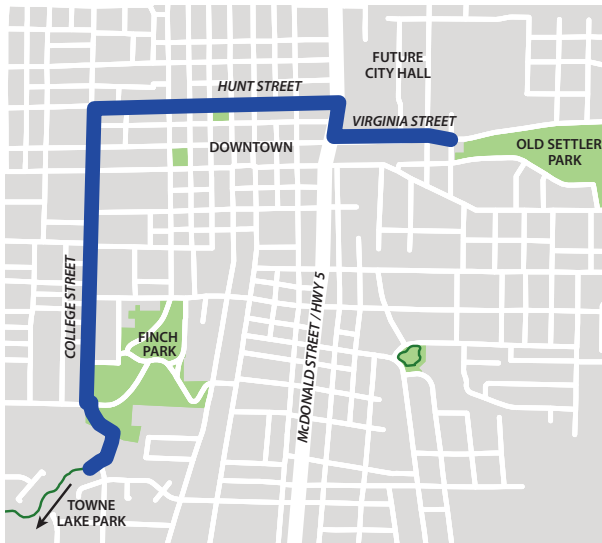
Short term projects are those which there is a current need but require additional time for design, coordination and execution. Examples of these project types include signature trail extensions, park loops associated with new park development, and critical links between established districts.

## ***FUTURE PRIORITIES (10+ YEARS)***

Trail segment priorities beyond those listed as initial priorities may be planned as longer-term goals (10 or more years) for trail network development in McKinney. The order of these future projects will depend on an assortment of variables related to overall development in the city including phasing and implementation of the thoroughfare plan, development patterns / community growth, land acquisitions and the availability of unforeseen funding sources such as grants, partnerships, donations, etc.

## CATALYST PROJECTS

This plan recommends an extensive network of trails that will be constructed over time. These proposed trails will be implemented through collaboration and commitment by the City and development partners. The following pages identify six catalyst projects that will make immediate critical connections. Projects were determined using stakeholder input, staff recommendations and site observations. The proposed trail segments will provide improved network connectivity, comfort and safety for trail users along these key connections.



### Downtown Connection

Extending from Old Settlers Park to Towne Lake Park, this project will connect the Downtown Districts neighborhoods and destinations to trails in the Wilson Street greenbelt. From Old Settlers Park, 1.5 miles of roadside trails will follow Virginia Parkway, cross McDonald then head east along Hunt, turn south next to College Street then connect to Finch Park. An additional ¼ mile trail will follow the creek linking Finch Park and existing trails that extend to Towne Lake Park. Trails and extend along the creek to existing trails at Towne Lake Park.



### McKinney Greens

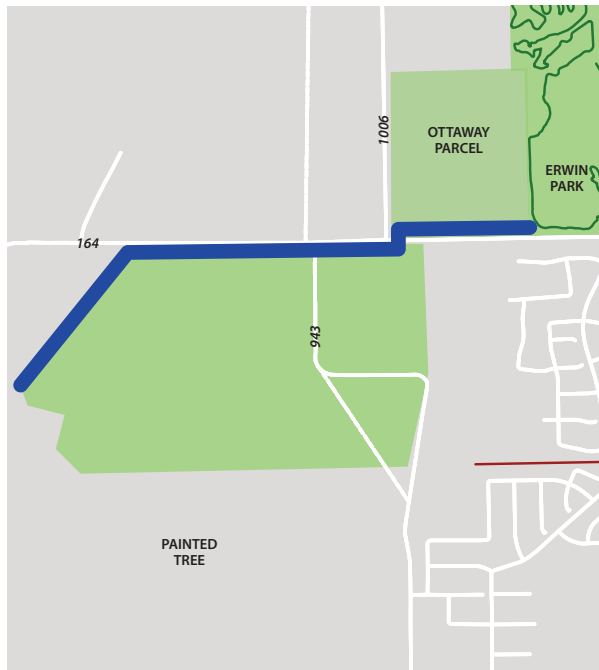
This former golf course property around the McKinney Green's neighborhood currently has undulating asphalt cart paths which function as nature trails. This project proposes to reconstruct these pathways to meet current trail design standards into a 2 mile trail loop that then connects the Towne Lake Park trail system via an underbridge crossing of Eldorado Pkwy.



### Rowlett Creek Extension Craig Ranch

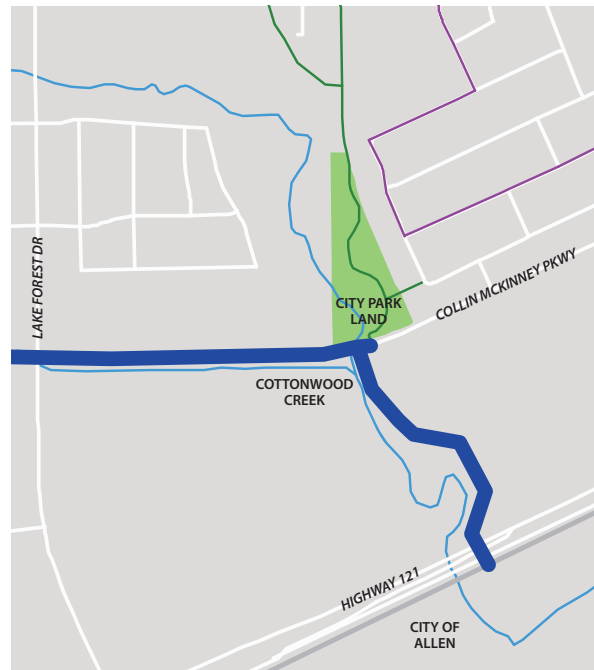
Rowlett Creek Park includes a ¾ mile trail that follows the creek. This project includes new trails in both directions. The North trail extension is ¾ mile, crossing under Silverado, the alignment then crosses the creek via pedestrian bridge then extends along the west side of the creek until Custer Road. The south extension includes a short 350 lf link between the Stacy Road under-bridge crossing and the existing trails along Settlement Way. This project creates continuous trail from US 380 to McKinney's southern City limit.

## CATALYST PROJECTS



### Erwin Park Connection

This project includes 1.5 miles of trail connecting trails and recreation opportunities at Erwin Park, the Ottaway Parcel, and Park Property to planned trail segments and new residential neighborhoods. The trail will follow the new alignment of Bloomdale Rd with one crossing at CR 1006, then extend in through the park property where it will connect to the Painted Tree spine trail.



### Cottonwood Creek Connection

The trail along Collin McKinney Parkway provides an east-west travel in south McKinney, connecting neighborhoods to Emerson High School and the Craig Ranch Sport Complex. The trail currently ends at the Lake Forest intersection. This project will extend the trail east to Cottonwood Creek where the alignment will run south, along the east side of the creek and under the SH 121 bridge to the city limits. The  $\frac{3}{4}$  mile segment will connect to Allen's existing 3-mile Cottonwood Creek Trail creating a significant regional connection for McKinney.



### Auburn Hills - Gray Branch Connection

Heavy vehicular traffic on US 380 is an imposing barrier for many bicyclists and pedestrian, effectively separating north and south Mckinney. This project includes a .23 mile trail and grade separated crossing beneath US 380, linking the Auburn Hills neighborhood to the Gray's Branch Park property eventually connecting to the trails in the Wilson Creek Greenbelt.