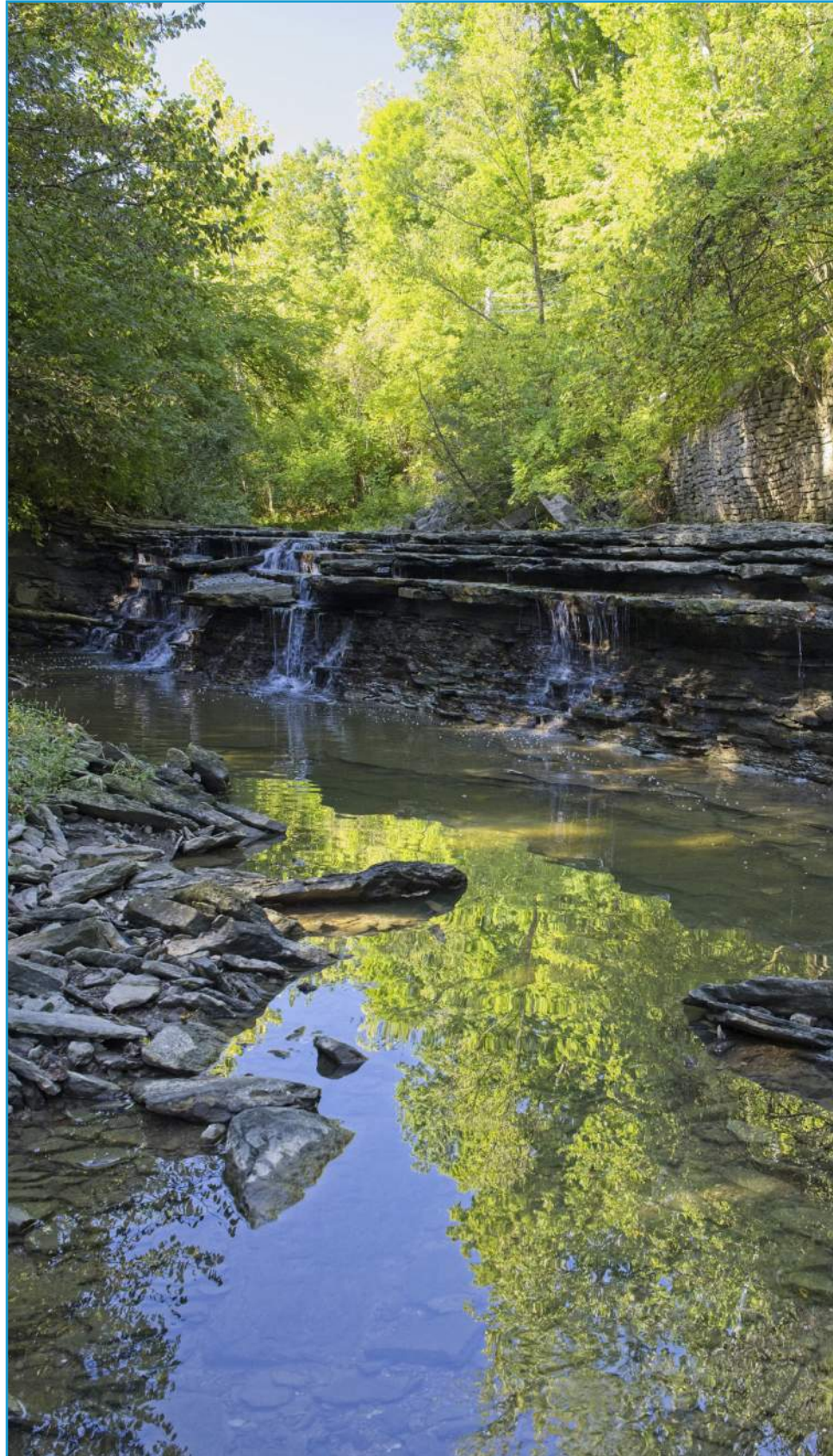




The Greenway at Dry Creek

MASTER PLAN



Vision Statement:

The vision for the Greenway at Dry Creek is to create a community centerpiece and destination like no other in the region; To capitalize on the natural wealth of the site and create strong linkages to/from the surrounding community.

Goals:

The Stitch - Using different pathways and features to interact with the stream and valley in distinct ways of individual exploration.

The Greenway - Linking key locations within Erlanger and neighboring communities through multiple transportation modes within a larger connective strategy.

The Source - Establishing green infrastructure and stakeholder collaboration for improving water quality before it reaches the stream.

The Gallery - Creating a curated collection of nature-inspired features that promote environmental education and recreation.

The Support - Acquiring additional funding through local and regional partnerships.



To Create a Master Plan for a Park in Erlanger that:

- **Celebrates** the unique qualities of the [stream & valley](#);
- **Builds** upon the cohesive brand and architectural vocabulary of the [City of Erlanger](#);
- **Establishes** the park as a [centerpiece](#) for Erlanger and Northern Kentucky;
- **Provides** connections throughout Erlanger and beyond by [linking to local assets and trail systems](#)
- **Promotes** a healthy stream valley of [clean water, native species, and vibrant habitats](#);
- **Creates** a [welcoming and safe space](#) for leisure and exploration;
- **Educates** visitors about the importance of [environmental stewardship](#).

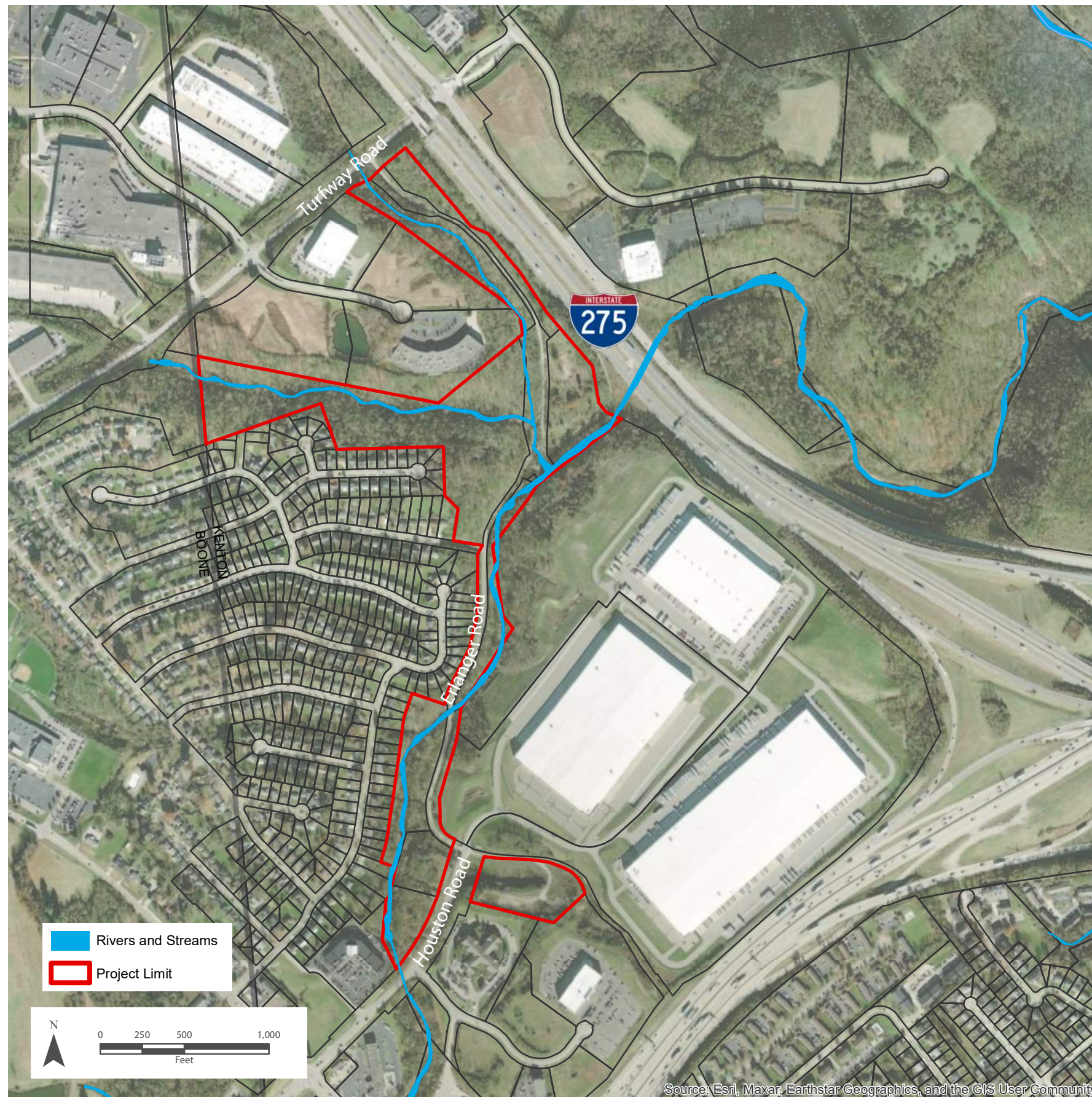


The Greenway at Dry Creek

AWARENESS: INVENTORY & ANALYSIS

Project Boundary

- Project limits follow existing and former Erlanger road and City owned property along the creekbed.



Ohio River Sub-watershed

- Water from along Erlanger Road flows into Dry Creek making its way into the Ohio River.



Existing Creekbed:

- Populated by native and invasive plant life
- Numerous waterfalls, many visible from road/path
- Visible storm and sewer structures

Downstream:

- Flow of creek empties to Dry Creek which passes through the Dry Creek Wastewater Treatment Plant.
- Dry Creek drains into the Ohio River.

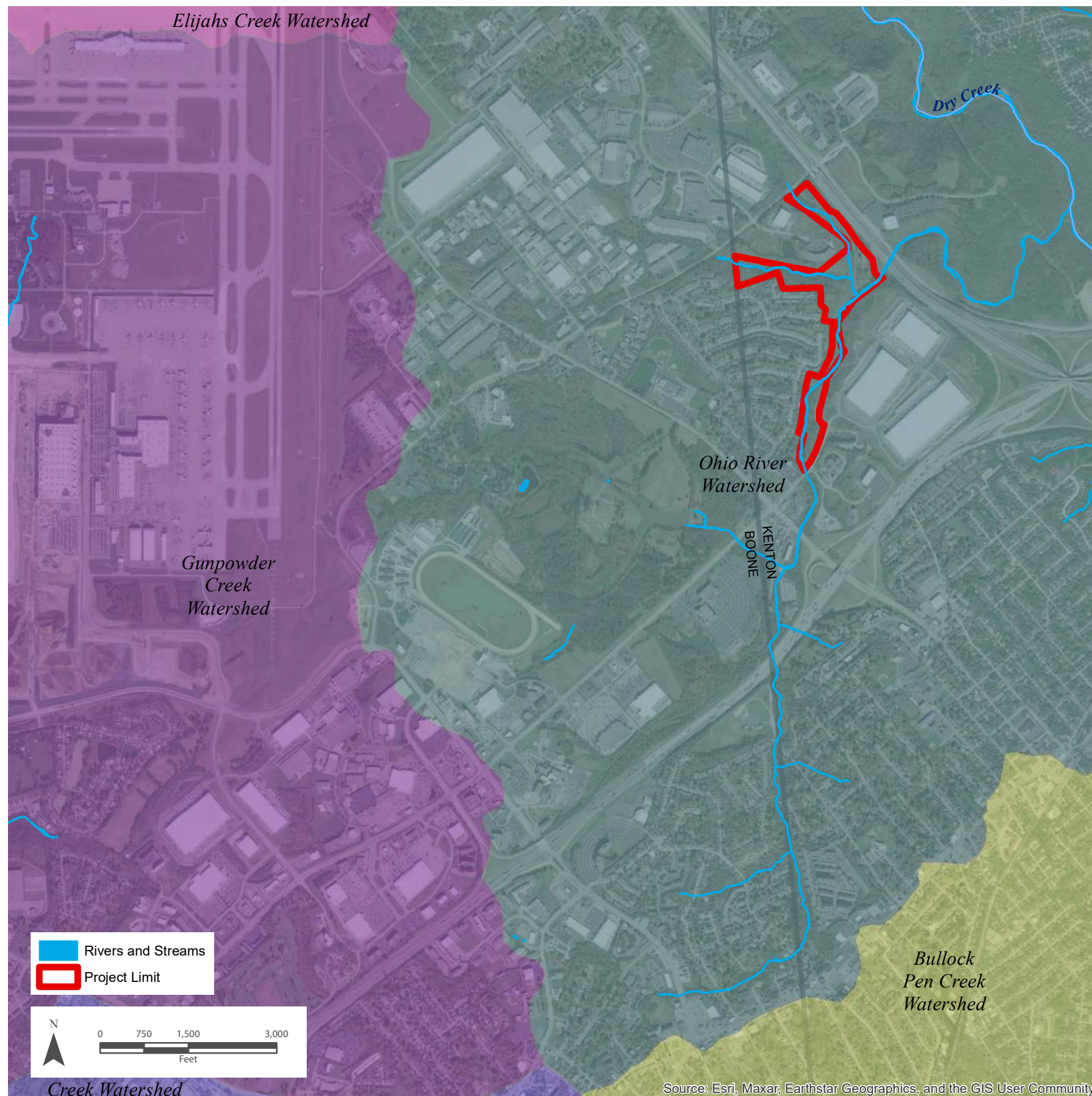


Upstream:

- The creek on the park site flows south from Erlanger, Elsmere and Florence.

Potential Runoff Sources:

- Turfway Park Racing and Gaming
- Cincinnati/Northern Kentucky International Airport
- Interstate 71/75 and Interstate 275
- Adjacent Neighborhoods and Businesses



Ravine Areas:

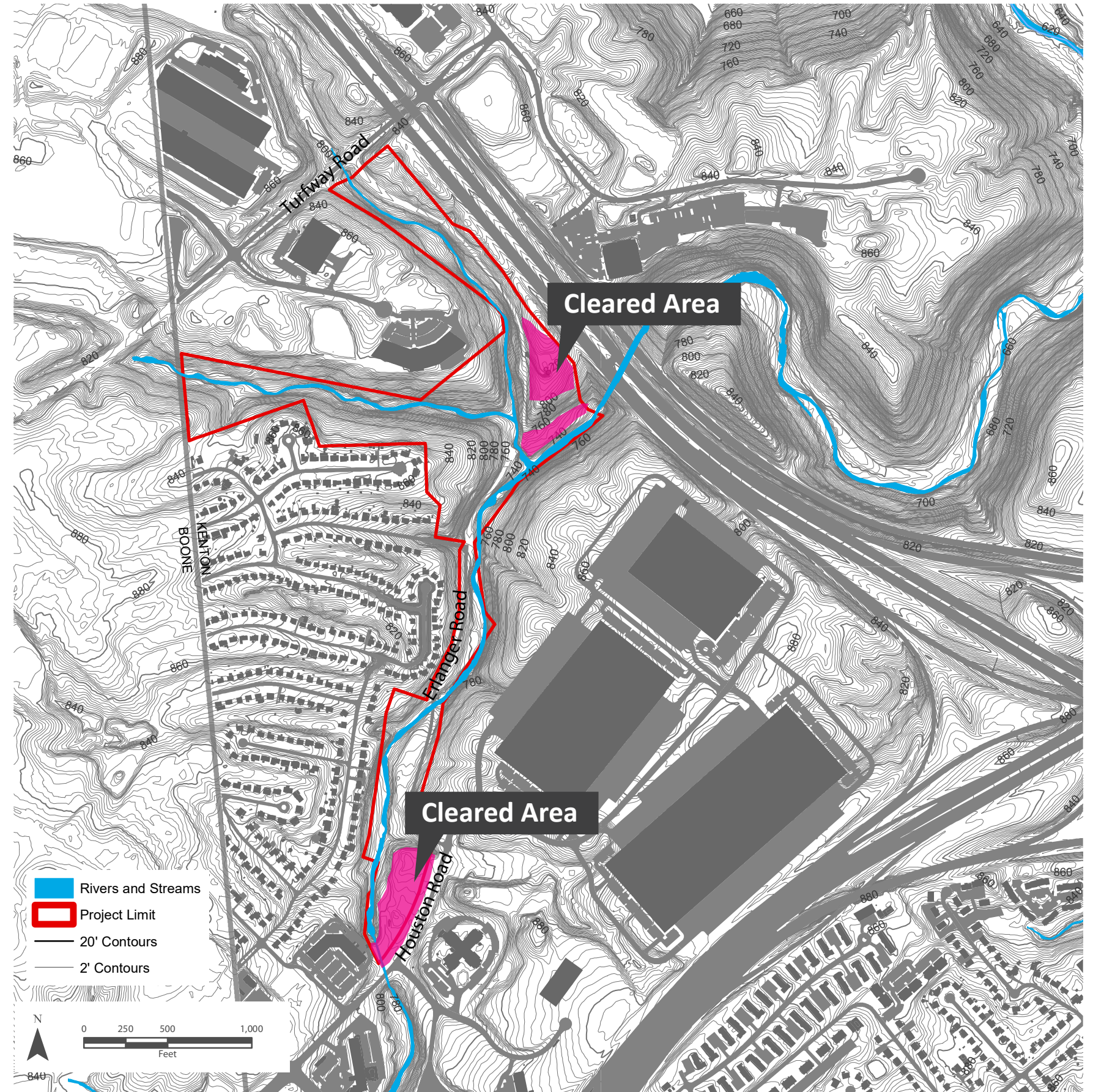
- Proposed park follows creekbed which sits within a ravine.
- The adjacent land next to Erlanger Road is either wooded hills or drops off into the creek.

Clear Areas:

- There are a few cleared areas where structures or parking may be best suited.
- These areas include old homestead areas and a section along Houston Road.

Flooding





- The site is situated within a 500 year flood plain therefore large flooding is a minimal risk

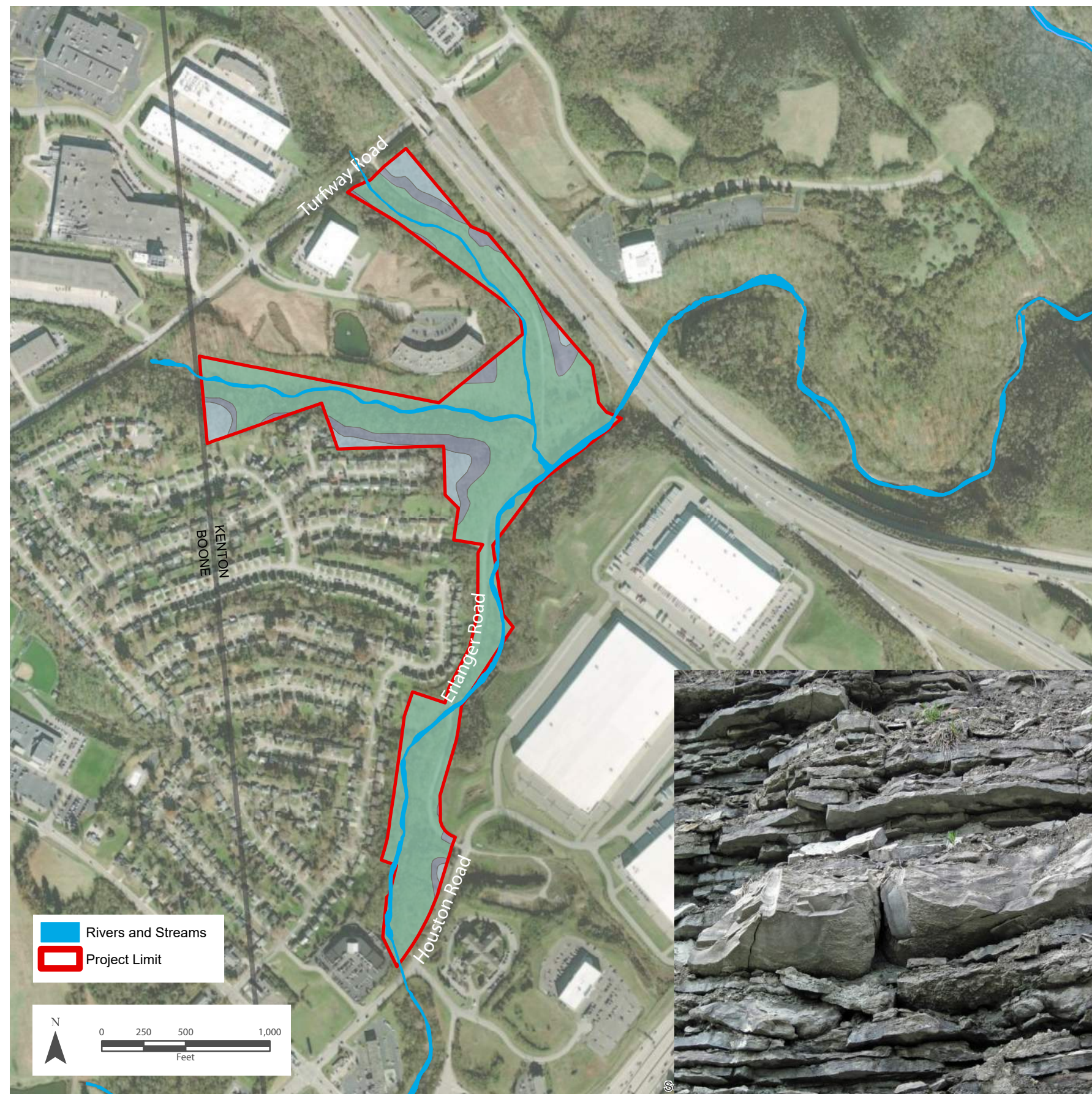


Fairview Formation:

- The primary rock type in our proposed park area is the Fairview Formation.
- Consisting of medium- to coarse-grained skeletal limestone in the lower part and fine-grained, silty limestone in the upper part, both parts being interbedded with shale and minor siltstone.
- This rock type is typical for streams in the area.
- The susceptibility to erosion and brittle shale has already caused parts of the unused Erlanger Road to partially fall.

Geology Legend

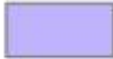
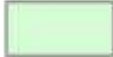

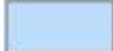
-  af - Artificial fill: Anthropogenic material
-  Ob - Bull Fork Formation: limestone | shale
-  Of - Fairview Formation: shale | limestone
-  Ogl - Grant Lake Limestone: coquinoid limestone

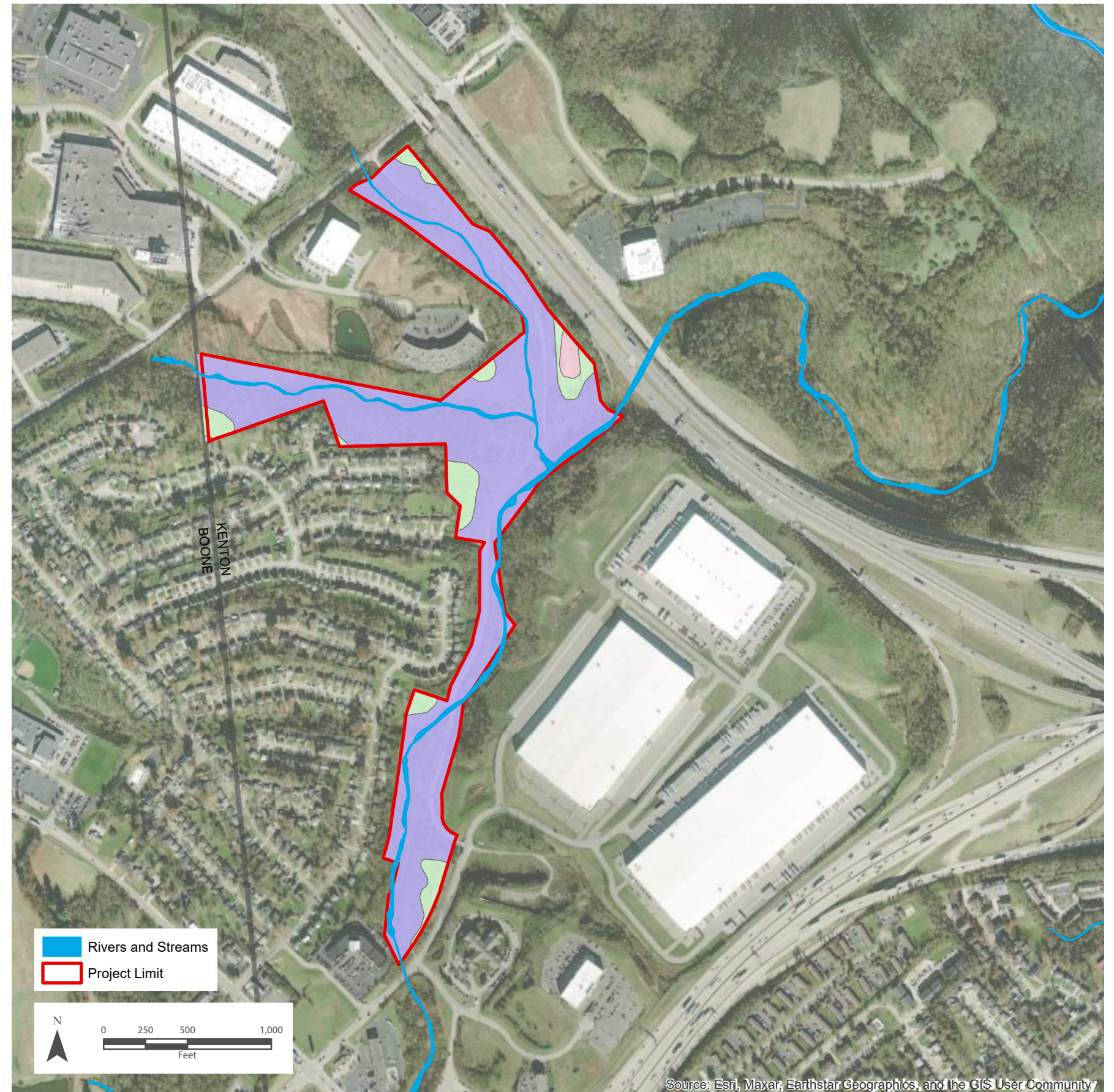


Eden Silty Clay Loam:

- The primary soil type in the proposed park area is the Eden Silty Clay Loam.
- This soil is common on hillsides and consists of well-drained, droughty soil that have a clayey subsoil.
- Provides adequate drainage and should be good for shrubs, grasses and perennials as well as healthy forest along the creek bed.

Soil Legend

-  Eden silty clay loam, 20 to 35 percent slopes, eroded
-  Jessup silt loam, 12 to 20 percent slopes
-  Rossmoyne silt loam, 0 to 6 percent slopes
-  Rossmoyne silt loam, 6 to 12 percent slopes



Mature Forest:

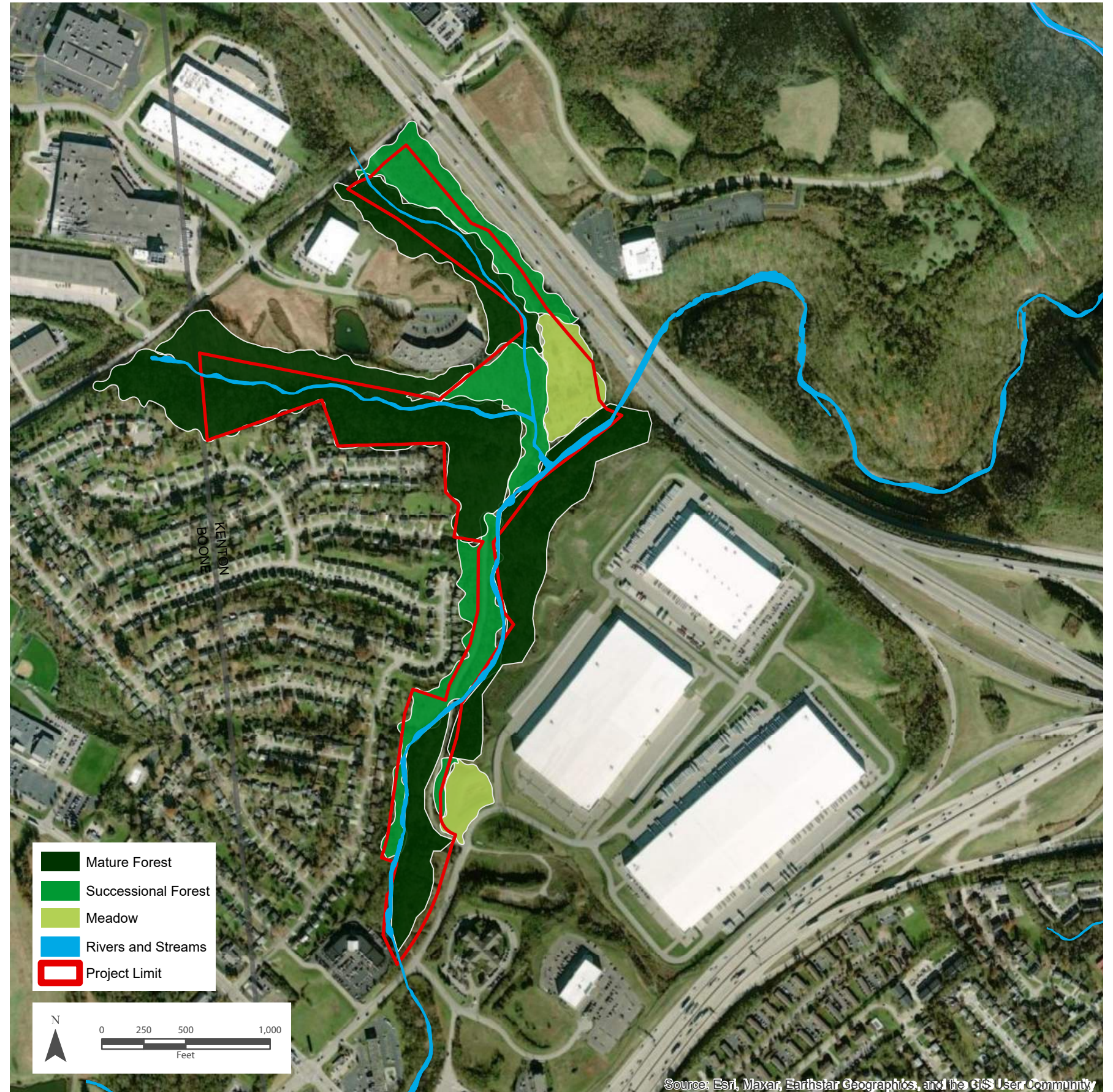
- Populated with older significantly sized native trees
- Significant number of Sycamores and Maples

Successional Forest

- Understory vegetation with a mix of natives and invasive shrubs.
- Typically occurs where landscapes have been disturbed for construction or on the sides of the creek bed.
- Invasive removal recommended.

Meadow

- Flatter areas with grasses and wild flower.
- Great daylight and good sightlines for views and vistas.



Storm:

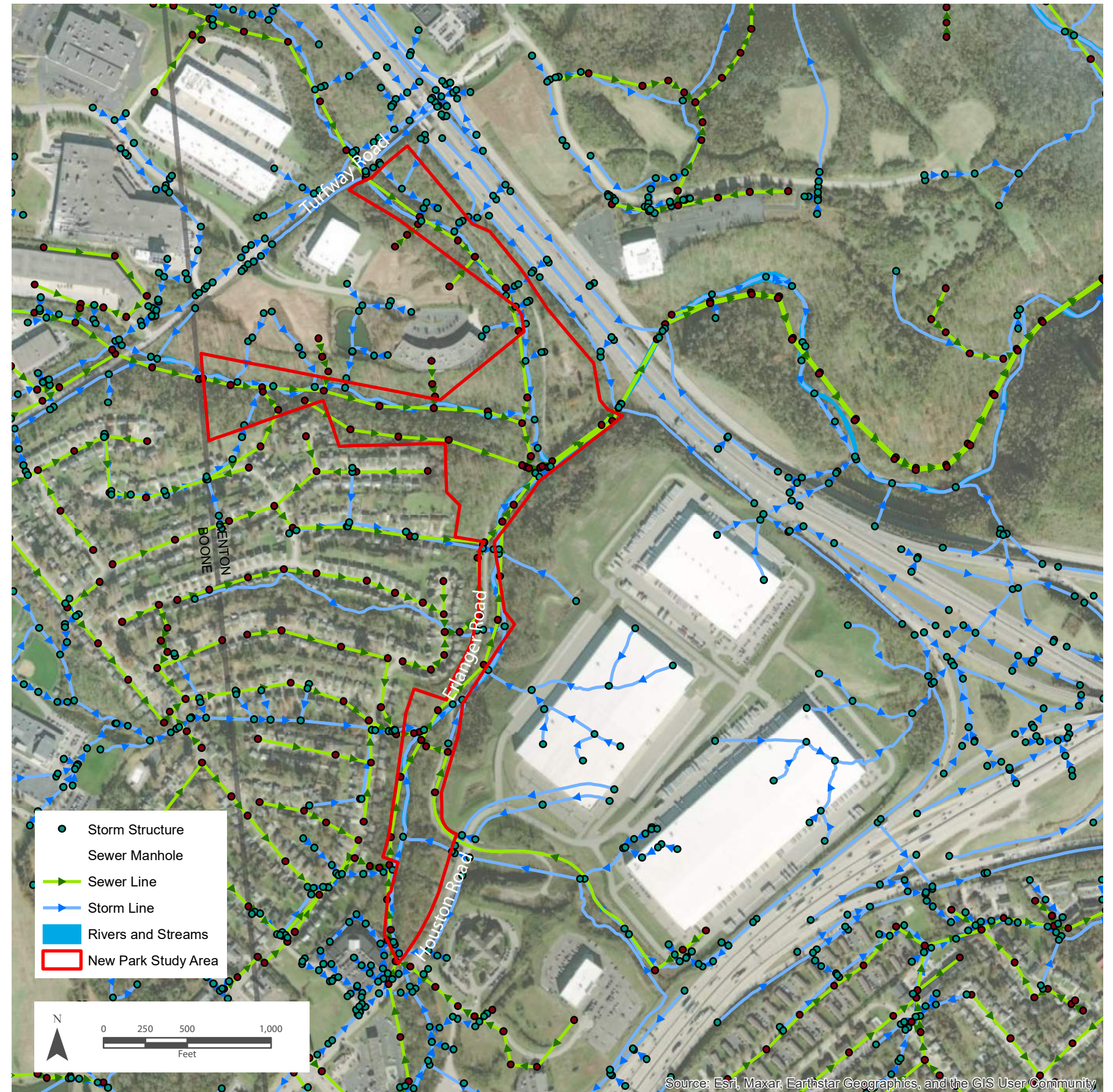
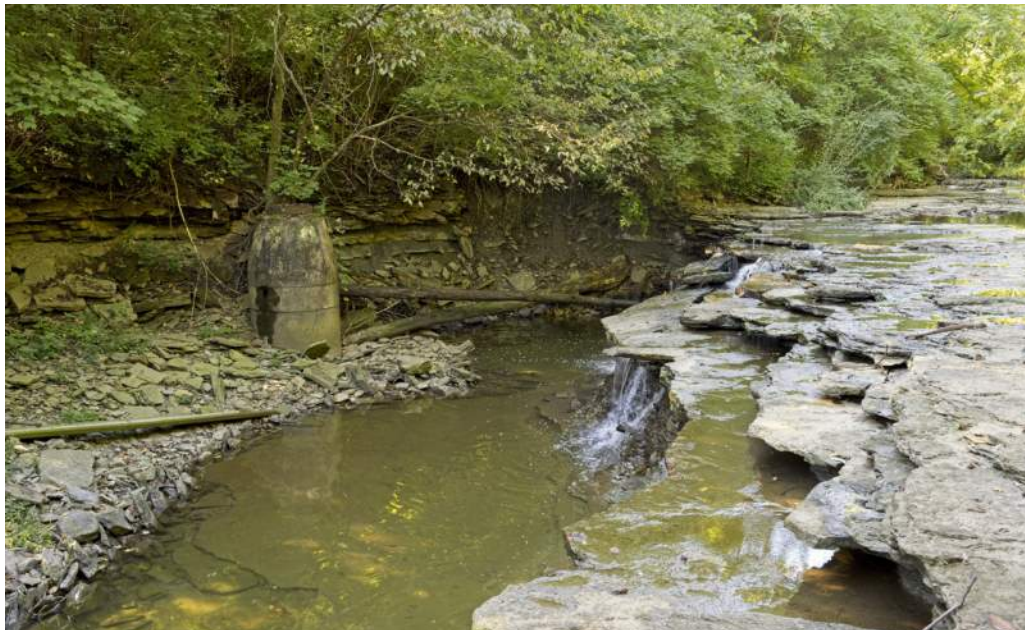
- Storm Water Infrastructure exists following the creek bed branches

Waste Sewer:

- Sewer Infrastructure also follows the creek bed through the proposed park site

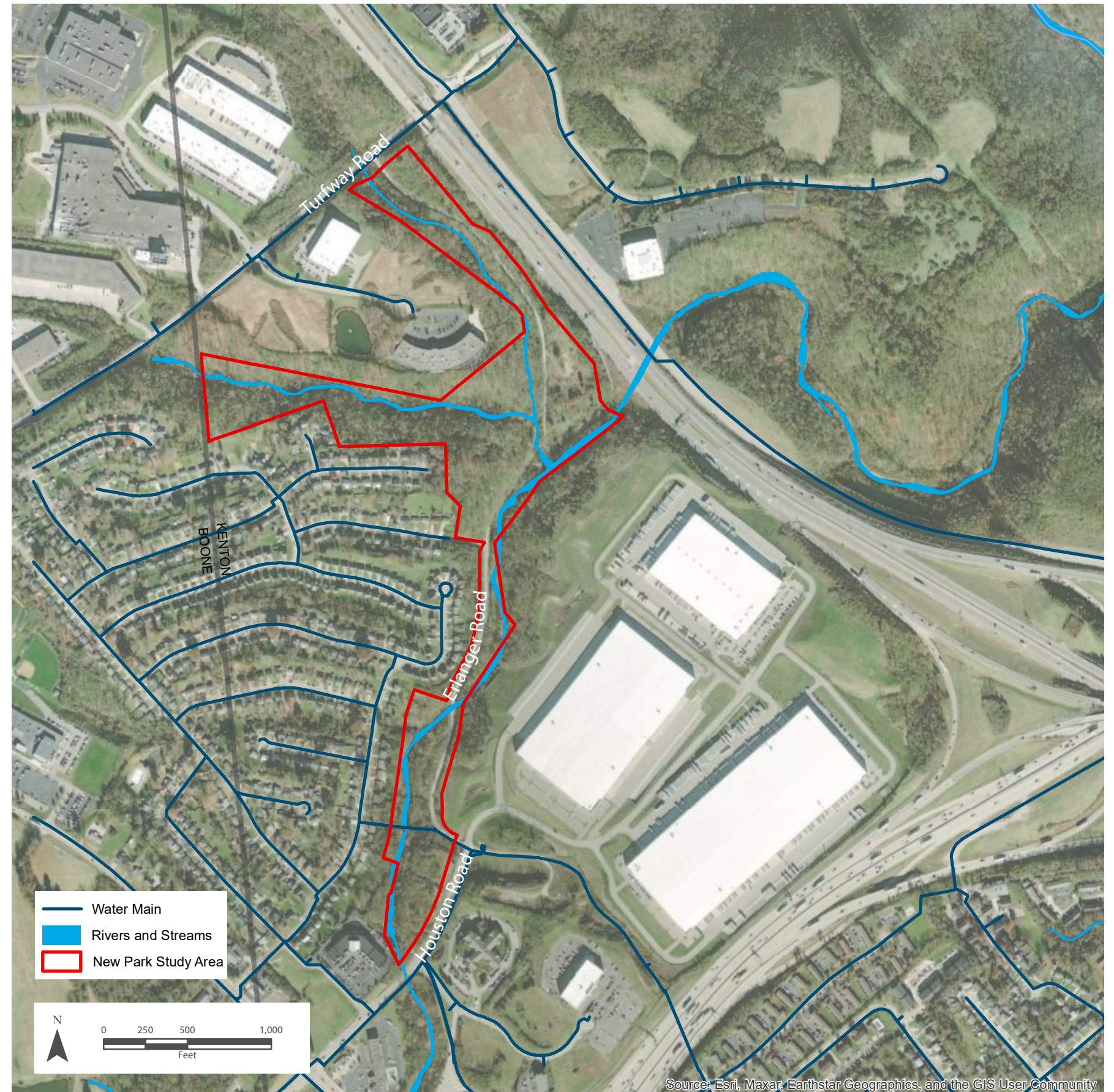
Structures:

- Storm and Sewer Structures are visible in creek bed after years of erosion



Potable Water:

- Water mains exist in the existing residential area to the west.
- Possible potable water connections at the south of the proposed park site at Houston Road and to the north at Turfway road.

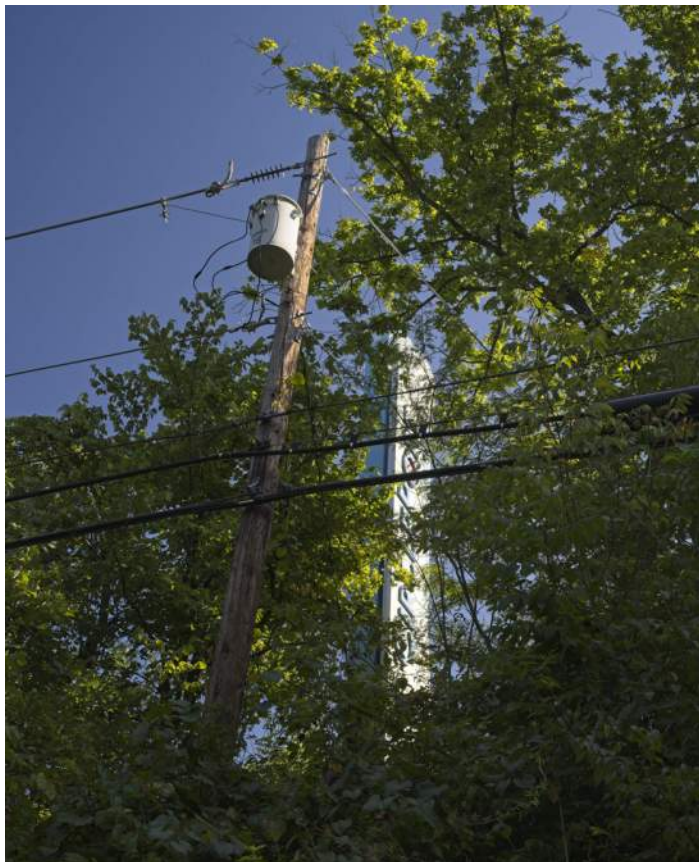


Height of Overhead Lines

- Overhead lines follow Erlanger Road
- Height of lines is low in many areas of proposed park site

Duke Energy Easement

- Along Erlanger Road an easement for Duke Energy to service the overhead electric line.



Overhead Electric Line along Erlanger Road
Looking at CirclePort Signage

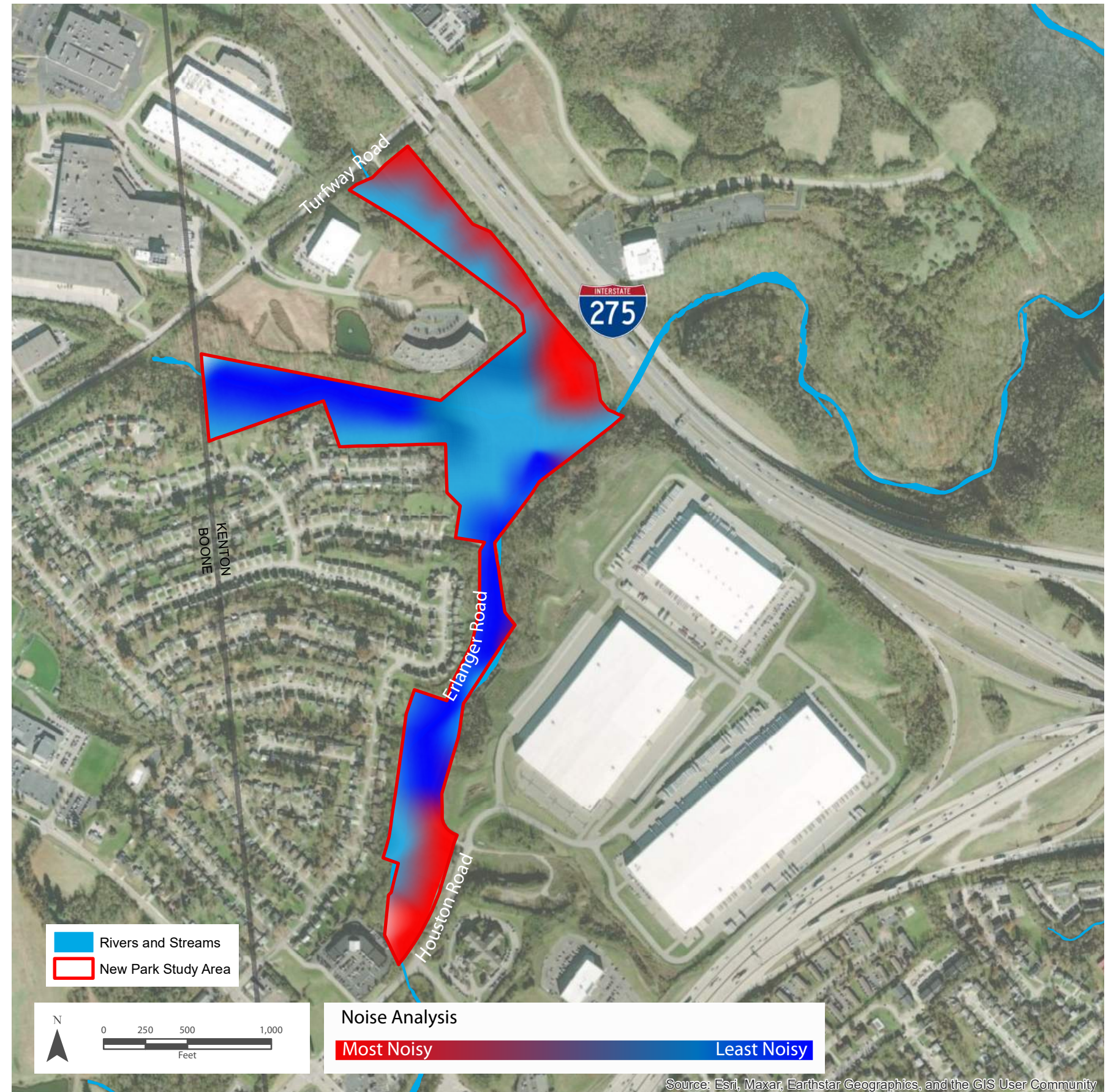


Noisy Areas:

- The main source of harsh noise comes from Interstate 275. This noise becomes more apparent the higher up you are and with less vegetation around you.
- Other harsh noise comes from trucks accessing the new warehouses to the East. This noise is only apparent when near Houston road

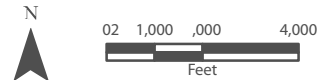
Quieter Areas:

- Multiple small waterfalls across the site provide significant masking of harsh noise while providing the sound of moving water
- Denser forest areas provide noise of wildlife.



CVG Loop Trail

- Proposed multi-use path circling the airport .
- Connects to other multi-use and on street bike paths in the area.
- Connections to larger trail networks to Covington and Cincinnati.
- Potential new mountain bike trail along Dry Creek.

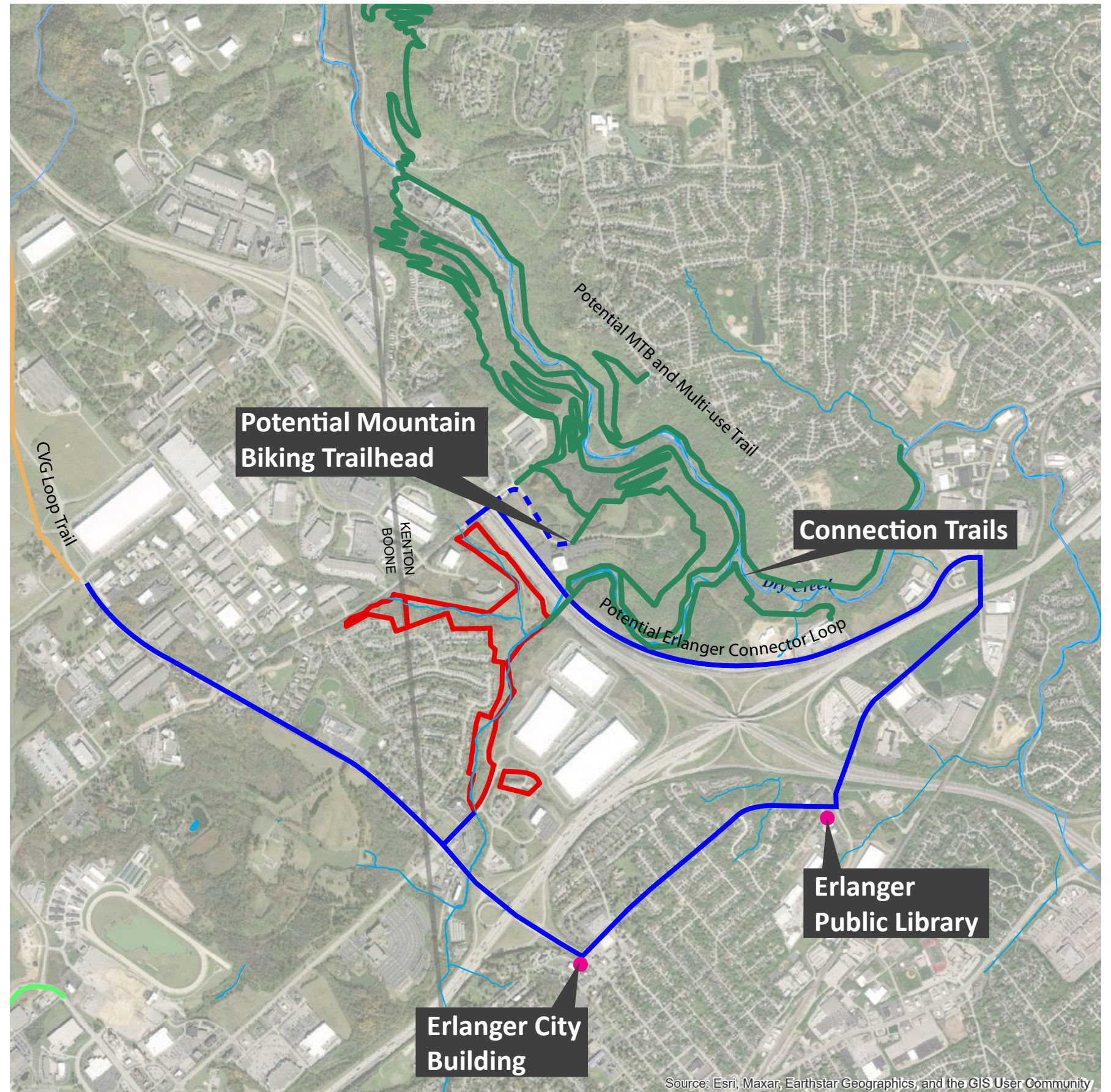
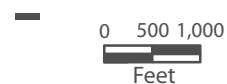


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

ERLANGER LOOP TRAIL

Connecting Public Amenities in Erlanger

- Creation of new multi-use path through proposed park site to connect to existing key Erlanger locations.
- Erlanger City Building.
- Kenton County Public Library Erlanger Branch.
- Potential new mountain biking trailhead.



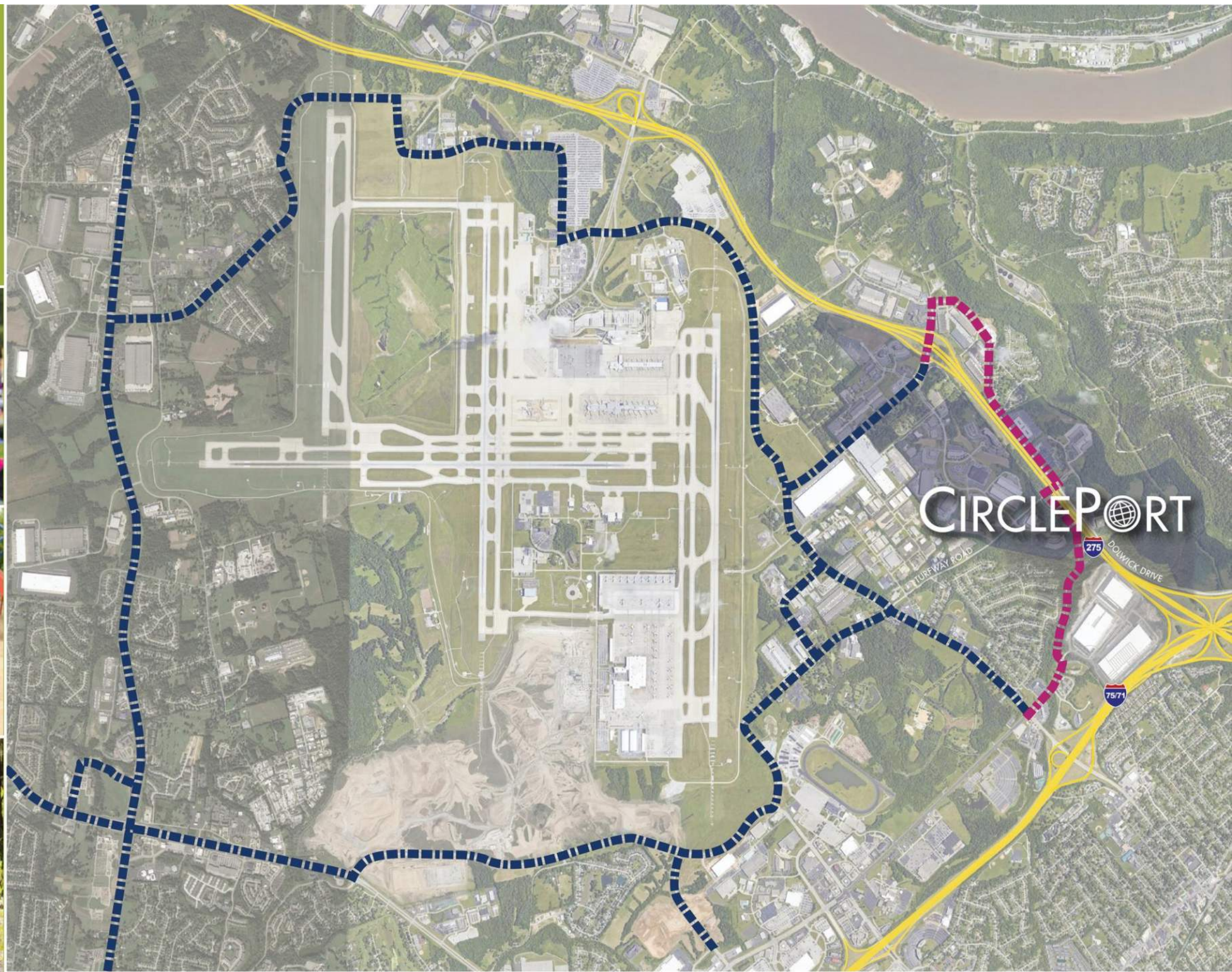
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

CIRCLEPORT

MULTI-USE PATH

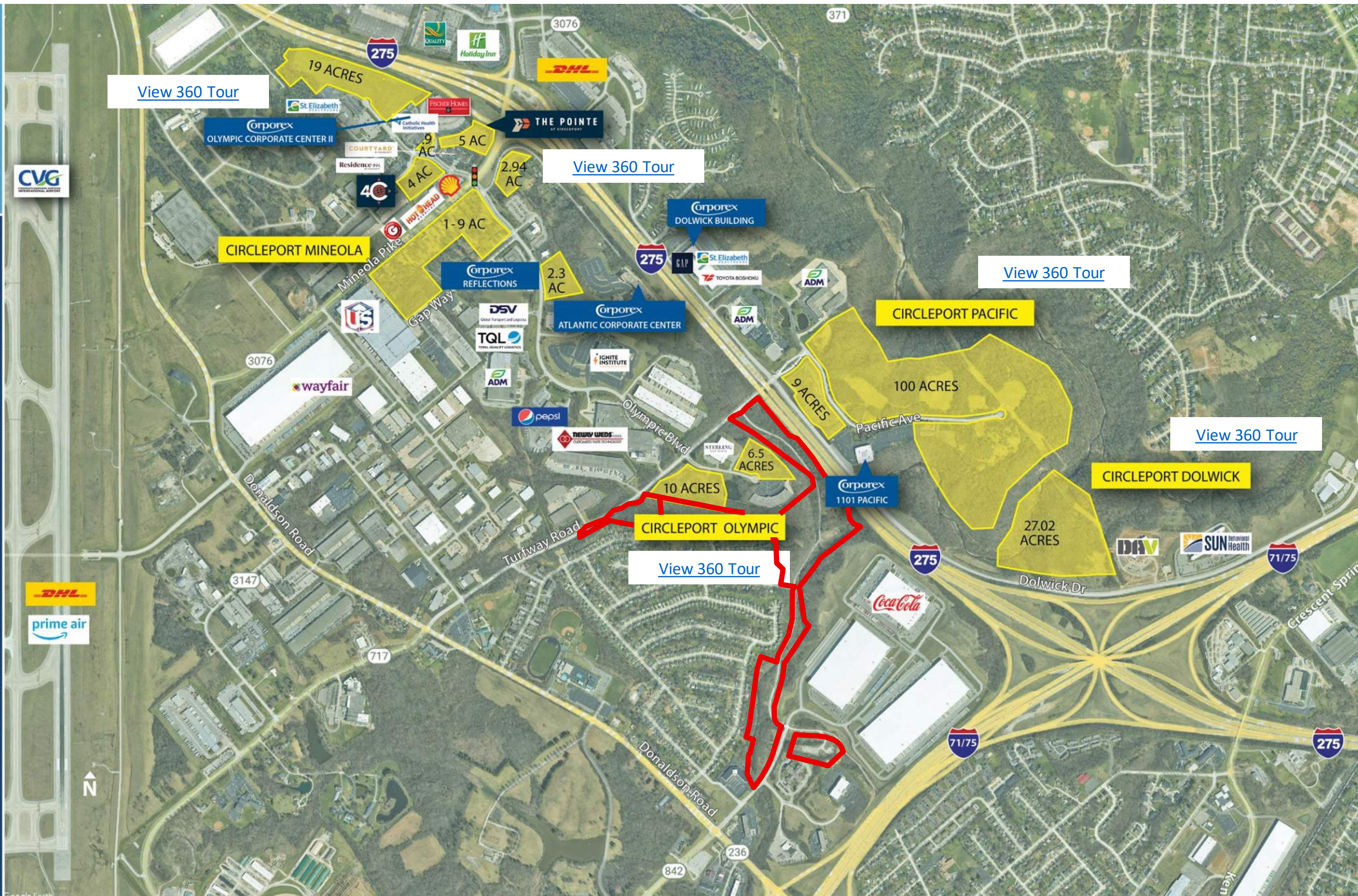
 NKY TRAIL Existing/Funded

 PROPOSED



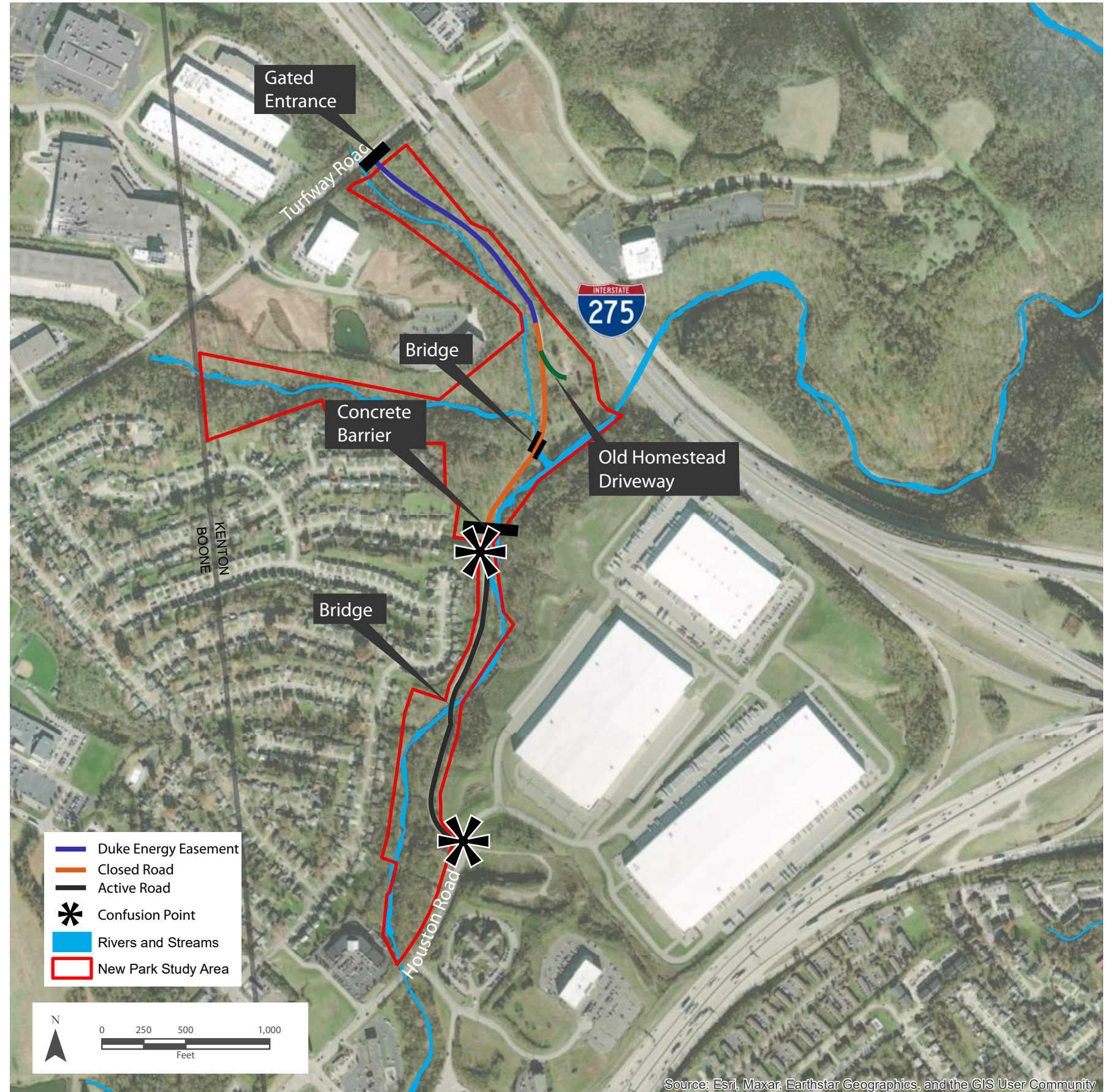
DEVELOPMENT OVERVIEW

CIRCLEPORT



Vehicles:

- Currently Erlanger road is publicly accessible from Houston Road to Sycamore Tree Lane.
- There is gated access to Erlanger Road at Turfway
- There are areas of deterioration of Erlanger Road where the road is eroding into the creek bed.
- Confusion point on Houston Road where trucks headed to the warehouses mistake Erlanger Road as the entrance. Along with another confusion point at Sycamore Tree Lane and Erlanger Road.



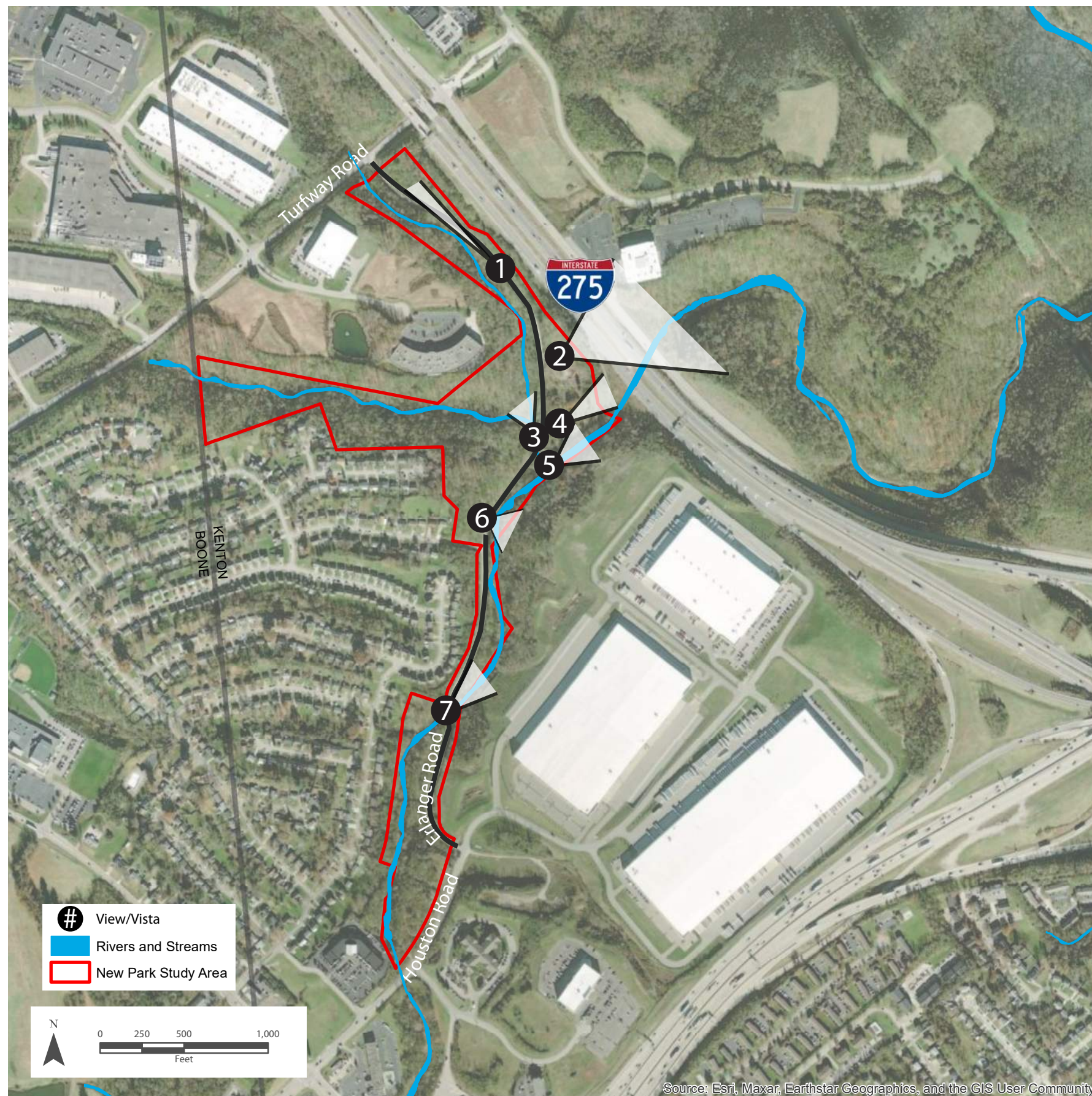
VIEWS AND VISTAS

Views:

- The ravine quality of the proposed park site obscures most distant views.
- Views at the upland area of the old homestead looking out across interstate 275
- looking inward back down Erlanger Road at the center of the park.

Other views include:

- Looking over the bridges into the creek bed.
- Looking up and down Erlanger road.

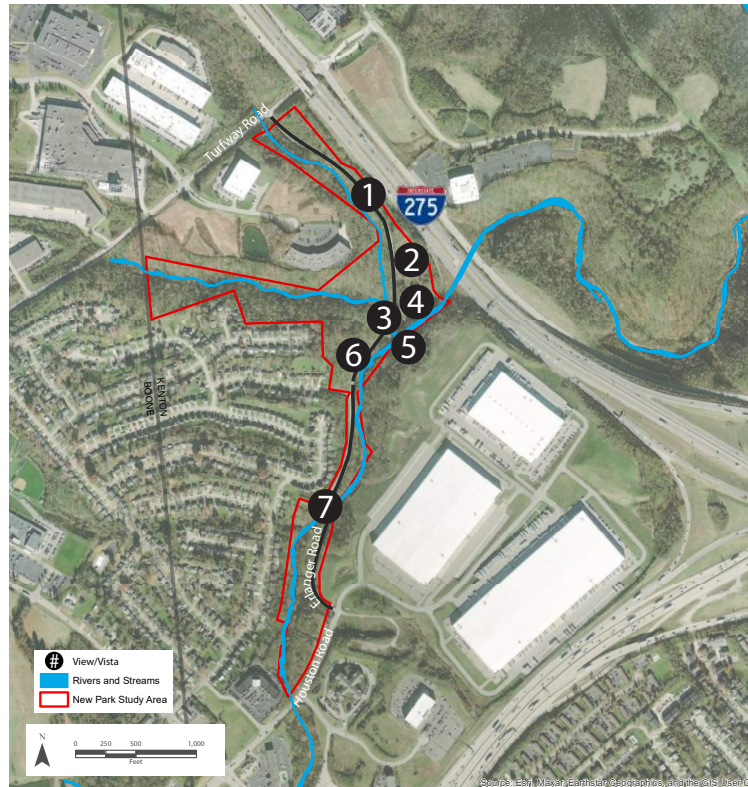




View at Creekbed looking North



View of Meadow at Floodplain Terrace Zone



1. Looking north up toward Turfway Road



2. The old homestead site looking toward I-275



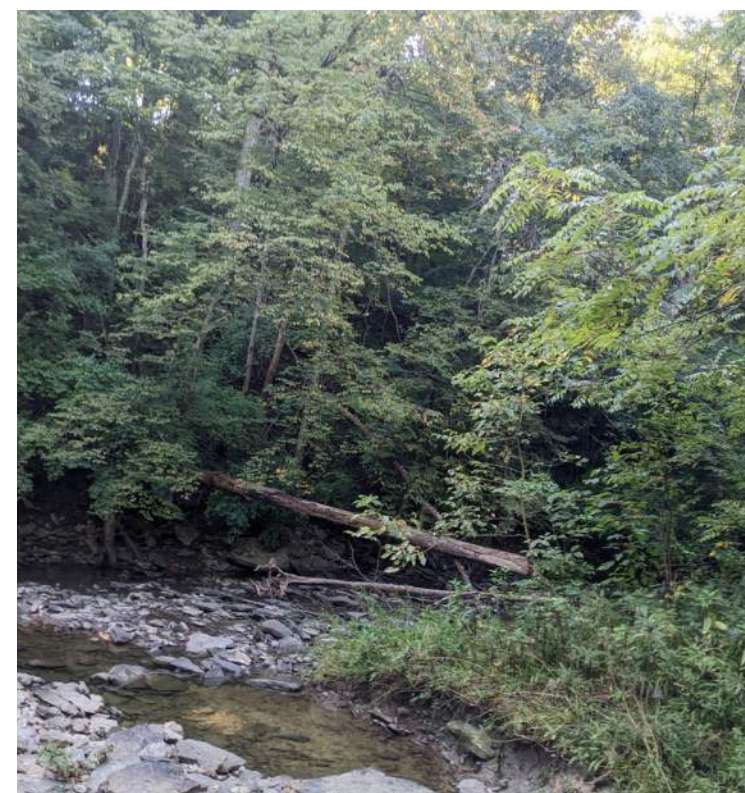
3. The bridge where the creek forks join together



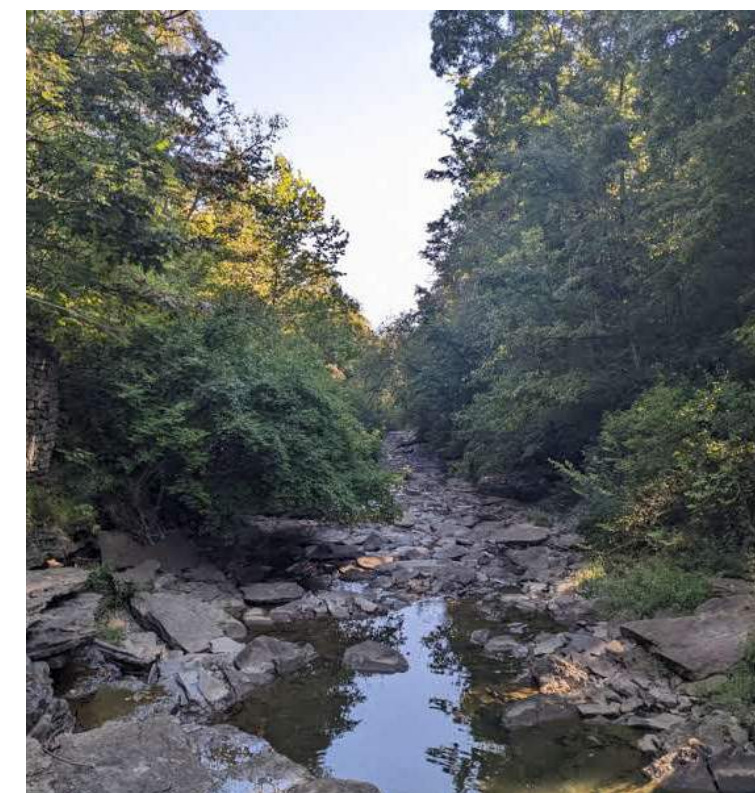
4. The meadow at the lower homestead site



5. In the creek; looking underneath the bridge from image 3



6. Wooded Hillside, east side of creek



7. In the Creek; creekbed character looking north

Gateway Zone:

- Access point to site
- Needs wayfinding and landscape enhancements to improve visibility

Transition Zone:

- Experience of descent into or ascent out of stream valley

Ravine Zone:

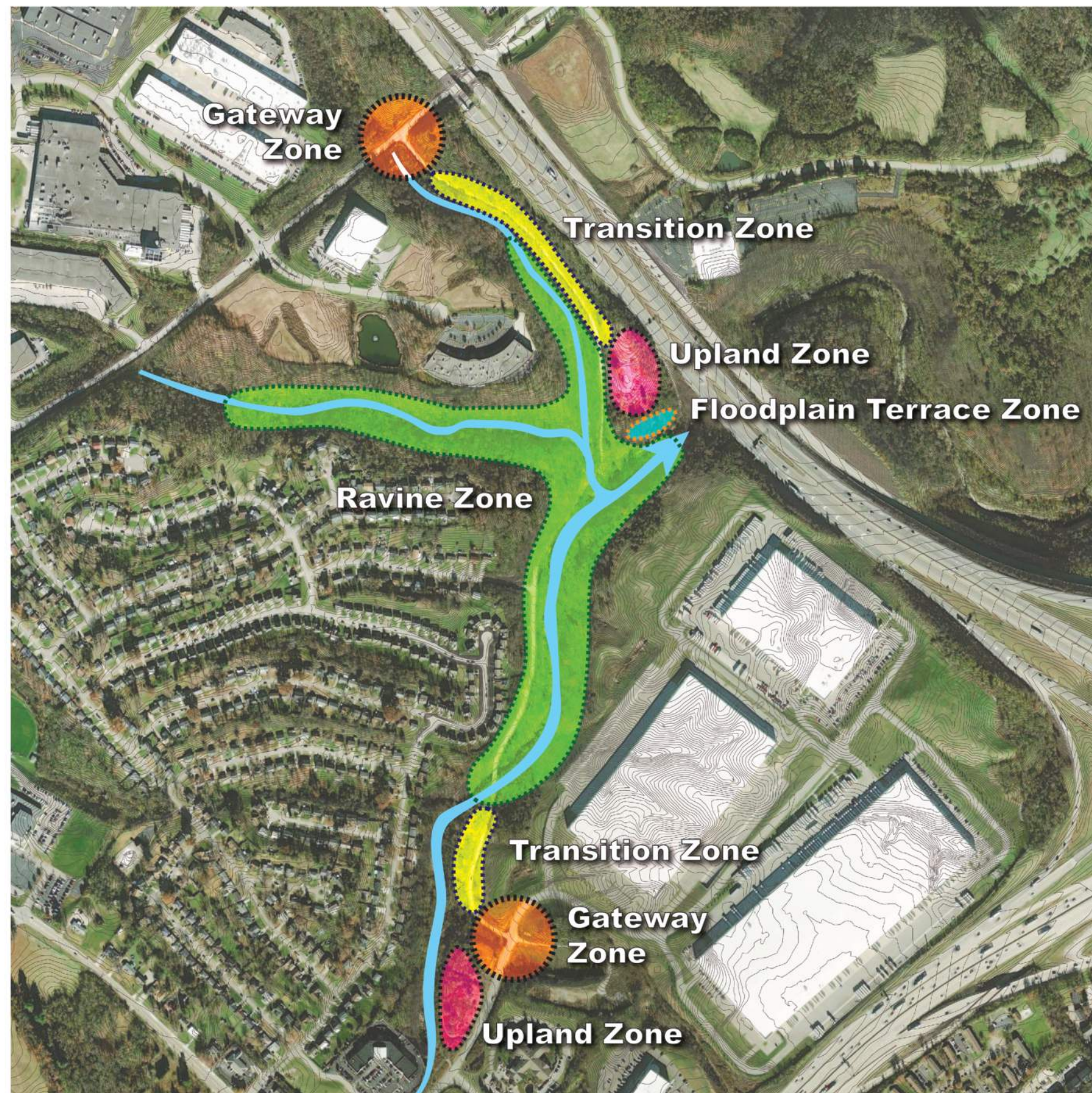
- Experience of intimacy and being enclosed by forest; **inward focus**
- Core of park

Upland Zone:

- Experience of being outside of the valley and adjacent to activity areas; **outward focus**

Floodplain Terrace Zone:

- Experience of being in a valley glade and meadow

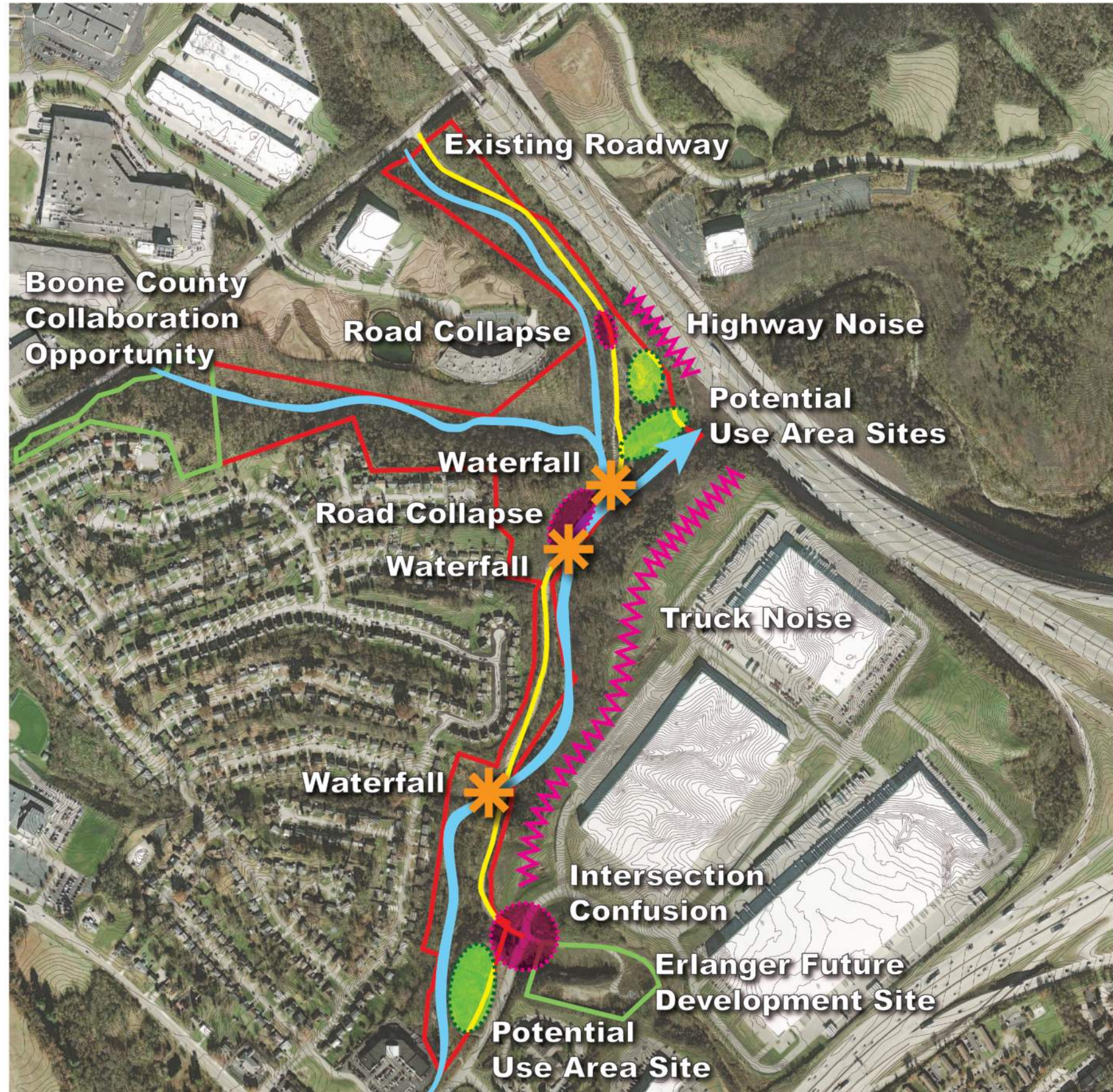


Opportunities:

- Existing roadway can be modified/enhanced for a multi-use trail
- Streams have multiple waterfalls
- Bridges overlook streams
- Park is visible from the interstate
- Some flatter areas for parking, structures, and/or other activities
- Explore Linkages: Neighborhoods, Professional Offices and Warehouses

Challenges:

- Noise from the interstate and distribution center
- Interstate is visible from the park
- Stream erosion
- Steep topography
- Existing roadway is collapsing in a couple of areas
- Potential confusion at south intersection





City of Erlanger Materials

Typical Stone utilized on City Buildings, Park Restroom and Gateway Sign

- Manufacturer - Arriscraft
- Style - Ivory White Laurier
- Pattern - Ashlar

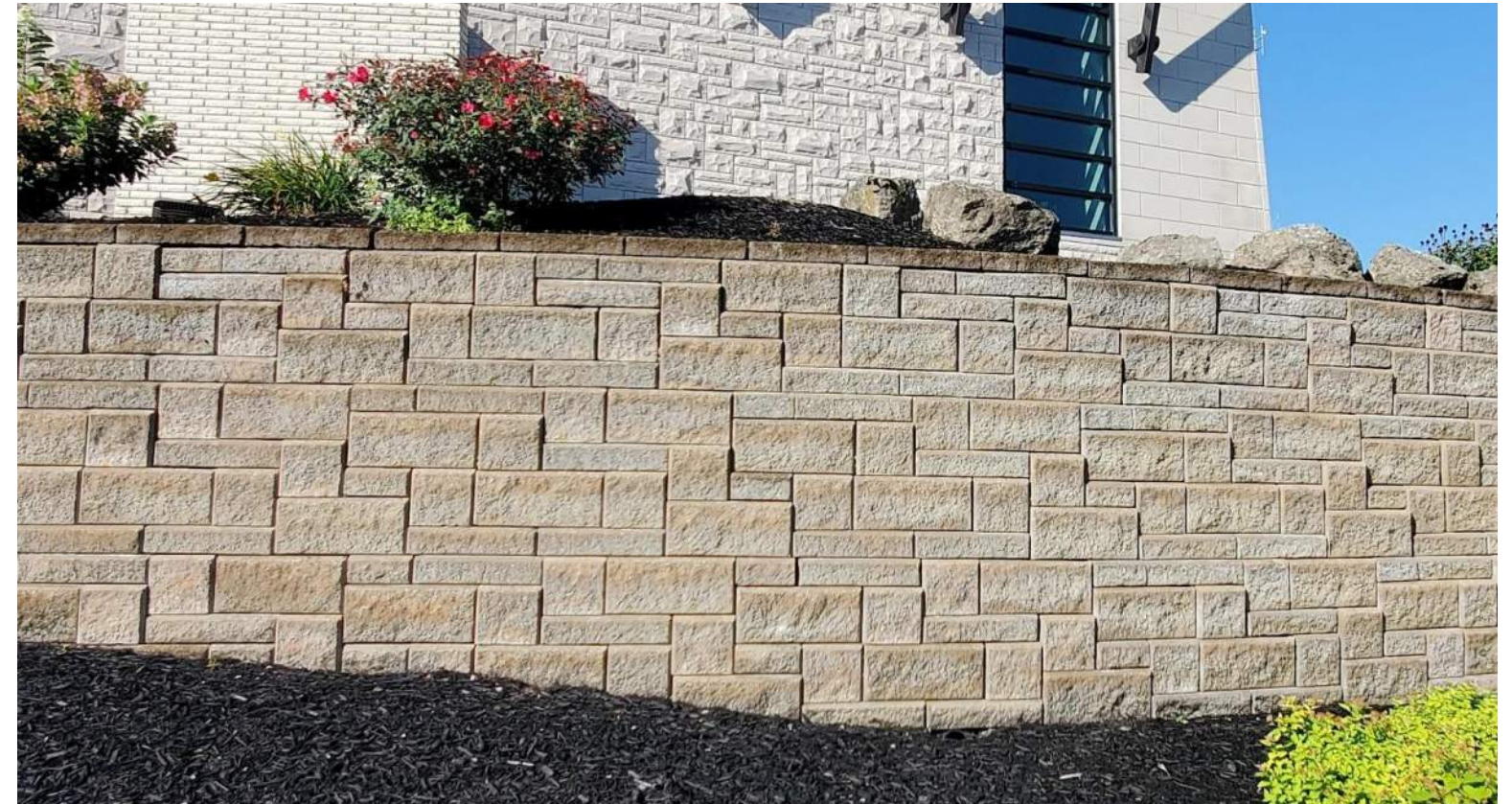


Typical Retaining Walls Specifications

- Manufacturer - Reading Rock
- Style - AB Classic, Hickory Blend
- Pattern - Ashlar

Typical Park Bench Specifications

- Manufacturer - DuMor
- Style - Bench 19
- Model # - 19-6 (6' Bench) 19-8 (8' Bench)

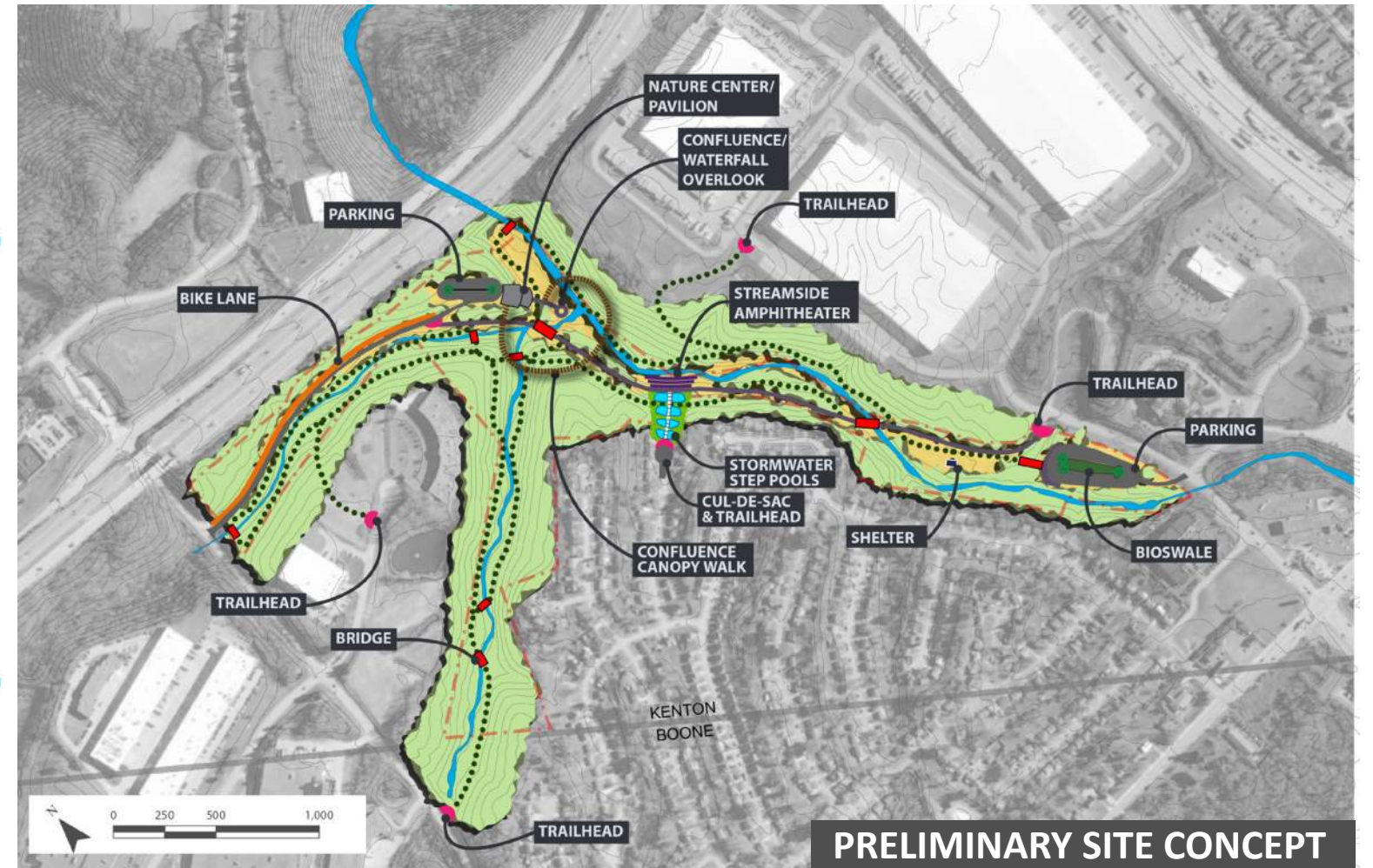
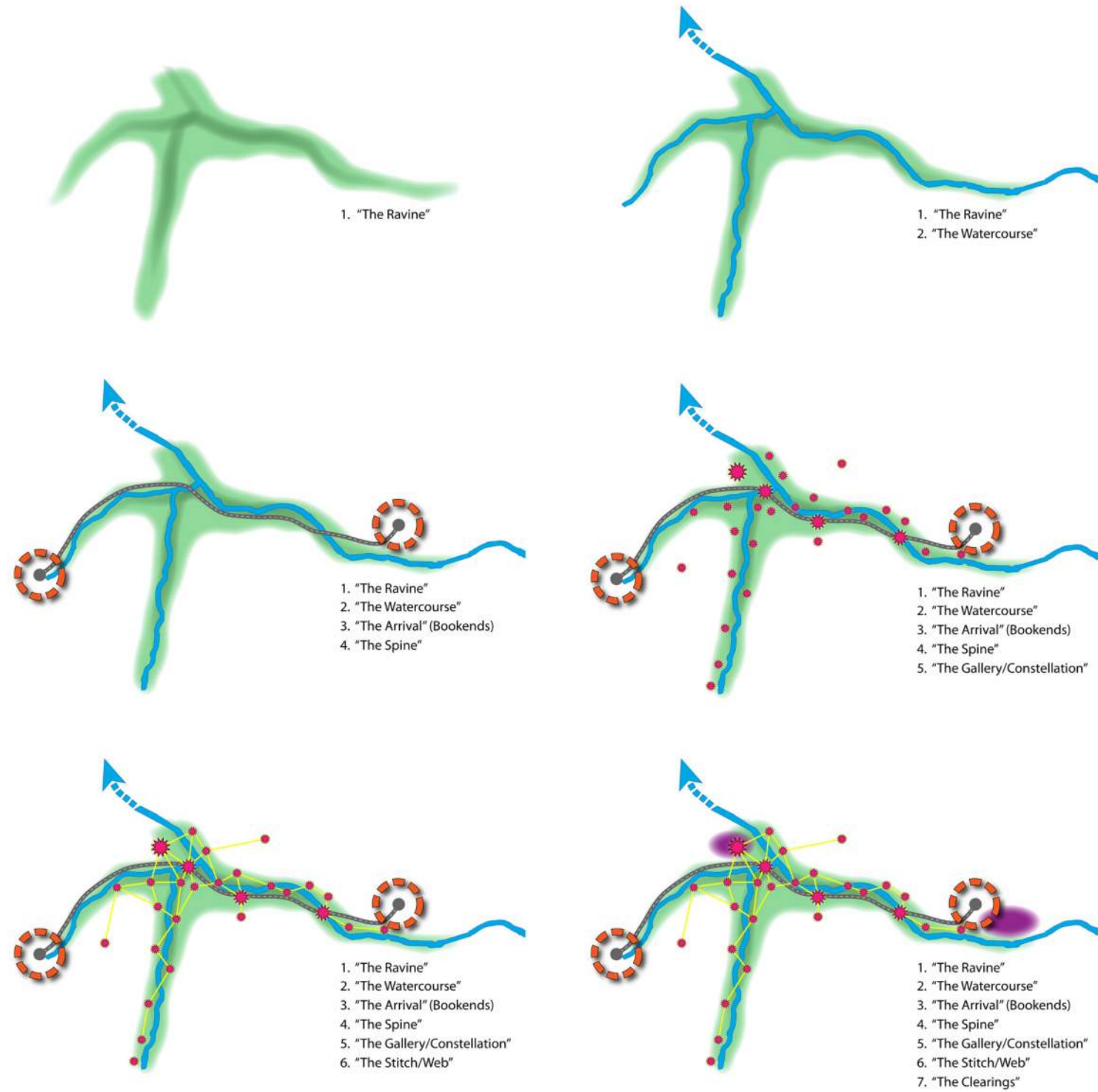




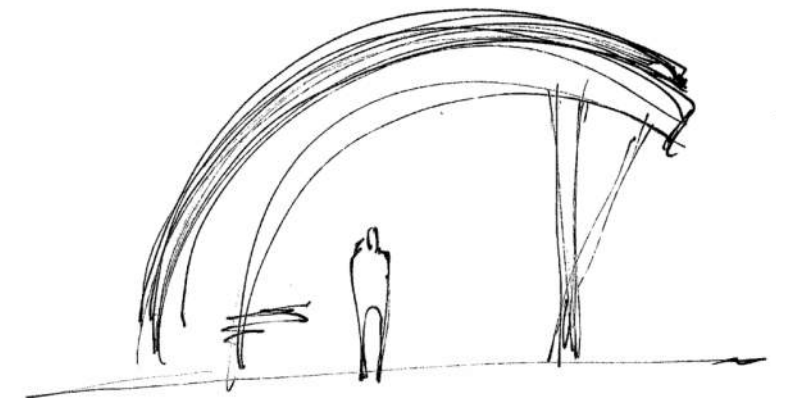
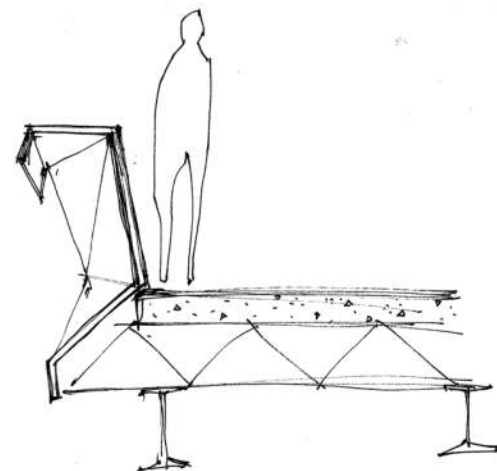
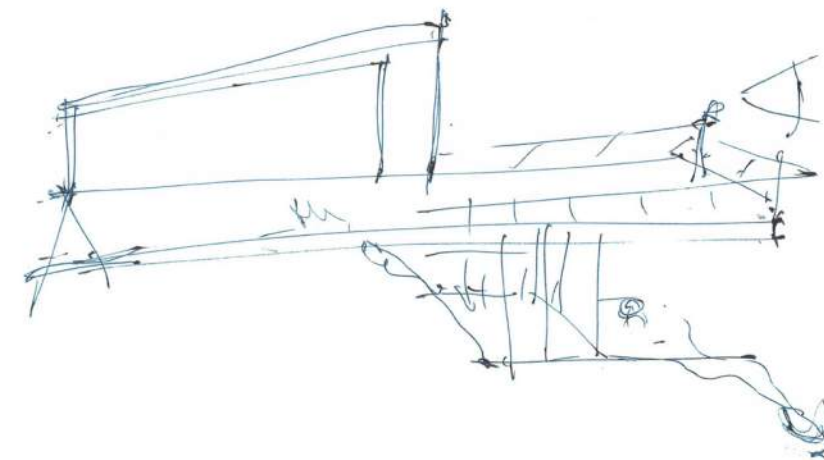
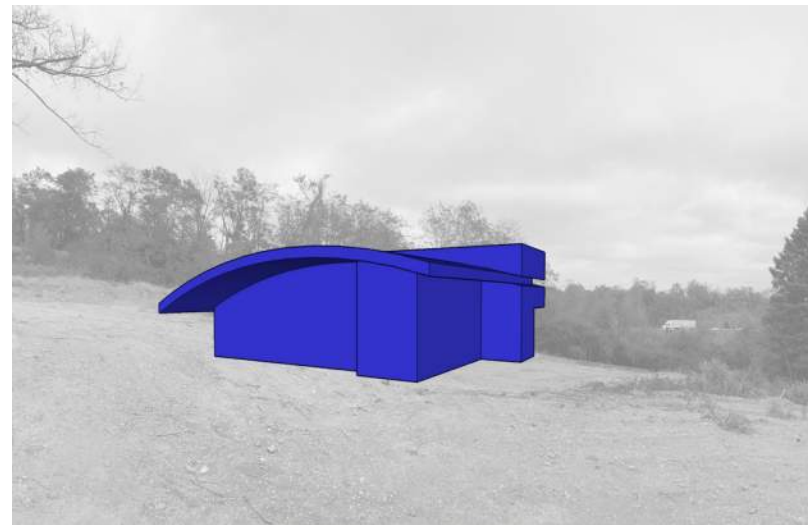
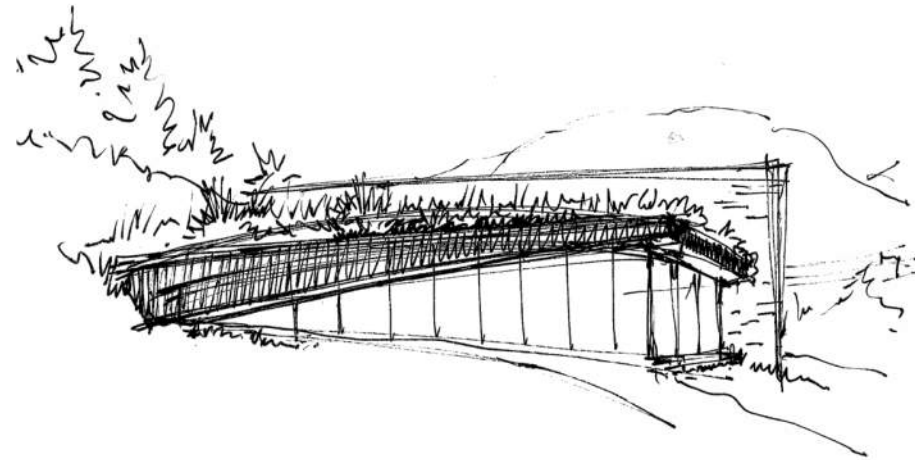
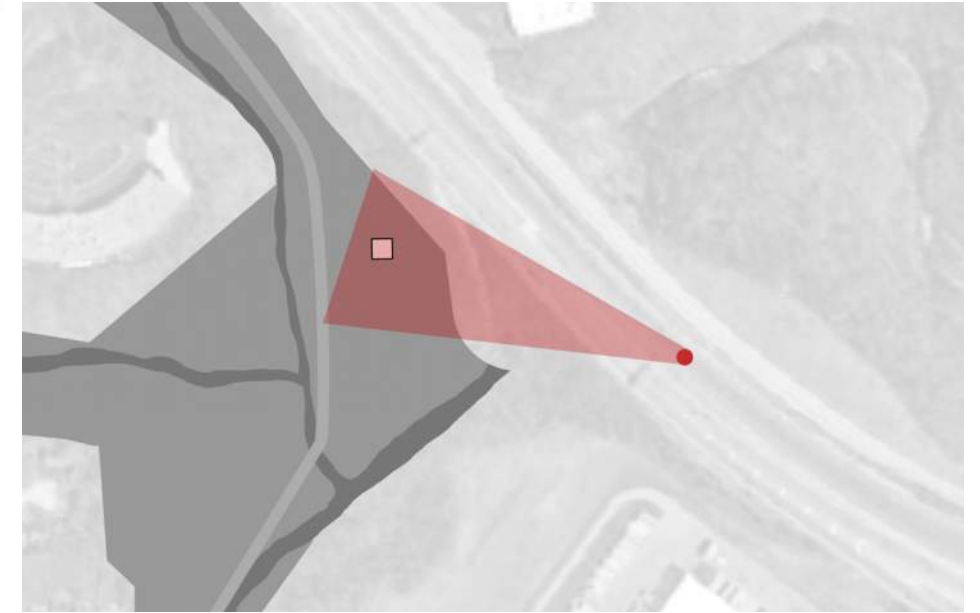
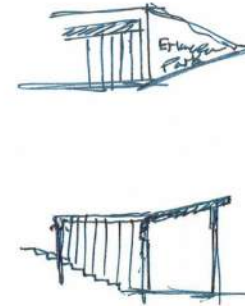
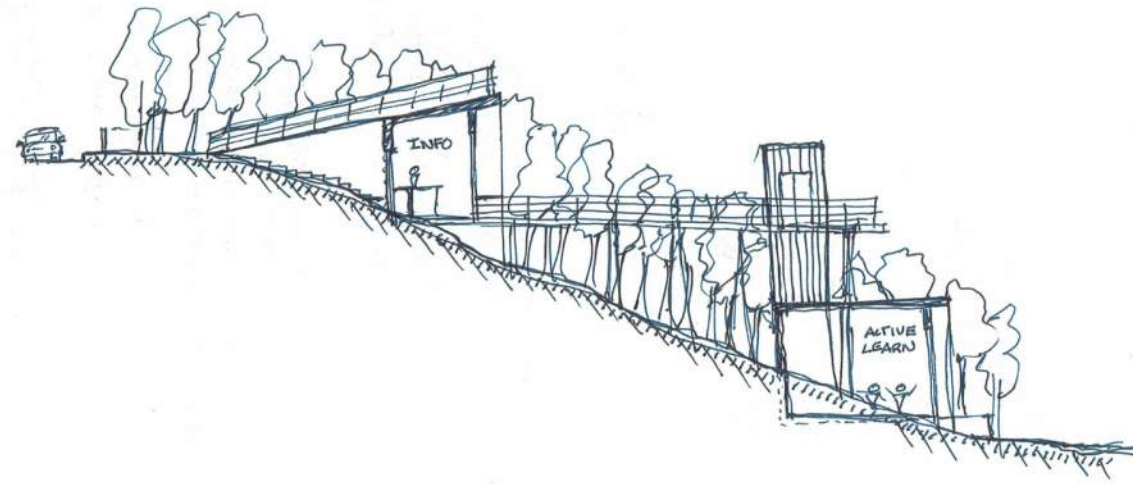
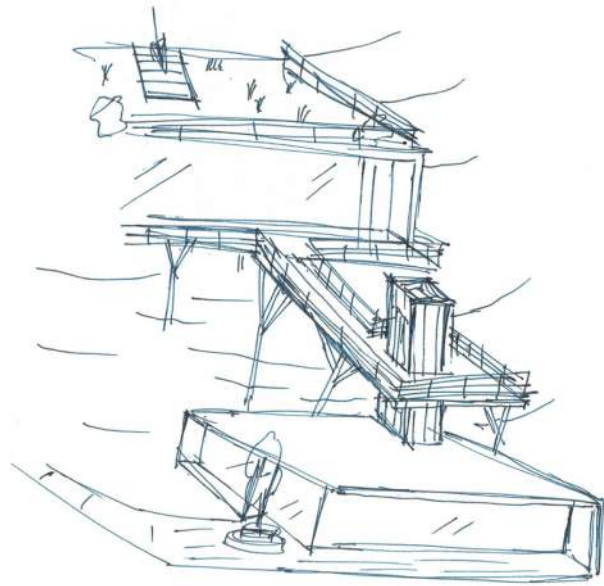
The Greenway at Dry Creek

**EXPLORATION:
EARLY DESIGN
CONCEPTS**

BUILDING A PARK STORY & SITE CONCEPT



ARCHITECTURE CONCEPTUAL EXPLORATION





BRANDING CONCEPTUAL EXPLORATION

Erlanger History

A suburban city located in northwestern Kenton County, was first settled around 1807, when **Bartlett Graves** built a log cabin on land he had purchased there in prior years. A large-scale settlement occurred after the Covington-Lexington turnpike was chartered in 1829. The small community that **grew up around a tollgate** was **originally known as Timberlake in honor of local physician, William Timberlake**. When the Southern Railroad arrived in 1873, the **depot was named Greenwood** after the president of the railroad. **The depot was renamed Silver Lake** to avoid confusion with five other cities along the rail line. When a post office was established in 1882, **both the post office and the depot were named Erlanger in honor of Baron Frederic Emile D'Erlanger**. The Baron was a German-born English financier who headed up a land syndicate created to develop the city. The land syndicate persuaded the railroad to make Erlanger a stop for all passenger trains and it offered one year of free rail transportation to anyone who located there

There is also a You Tube Erlanger History Interview

History in Your Own Backyard
<https://www.youtube.com/watch?v=FzM8YKS4ZmE>

Park Naming Exploration

Timberlake...Timber

Timberlake Falls
 Timberlake Park
 Timber Falls
 Timber Glen (s)
 Timber Valley
 Timber Trails

Sycamore

Sycamore Creek
 Sycamore Falls
 Sycamore Park
 Sycamore Glen (s)
 Sycamore Trails

Greenwood

Greenwood Falls
 Greenwood Trails

Silverlake

Silverlake Falls
 Silverlake Park
 Silverlake Reserve
 Silverlake Glen (s)
 Silverlake Valley
 Silverlake Trails

Homestead

Homestead Falls
 Homestead Park
 Homestead Glen (s)
 Homestead Trails

Erlanger

Erlanger Falls
 Erlanger Glen (s)
 Erlanger Trails

Butler

Butler Falls
 Butler Park
 Butler Glen (s)
 Butler Valley
 Butler Trails
 Butler Creek
 Butler Run

Glen

Discovery Glens
 Woodside Glens
 Peter's Glen

Hidden

Hidden Falls
 Hidden Run
 Hidden Trails
 Can't do Valley

West Fork

West Fork Falls
 West Fork Park
 West Fork Glen (s)
 West Fork Valley
 West Fork Trails

Dry Creek

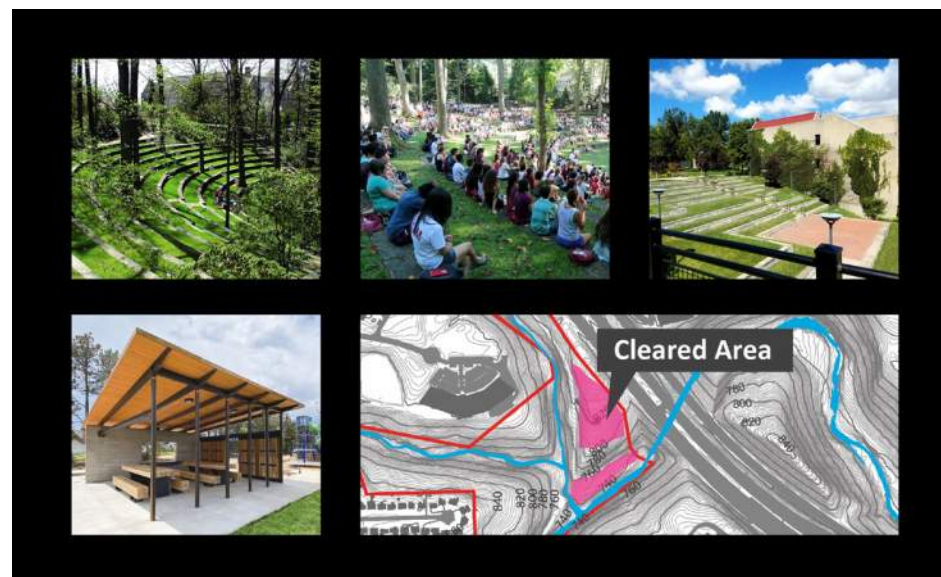
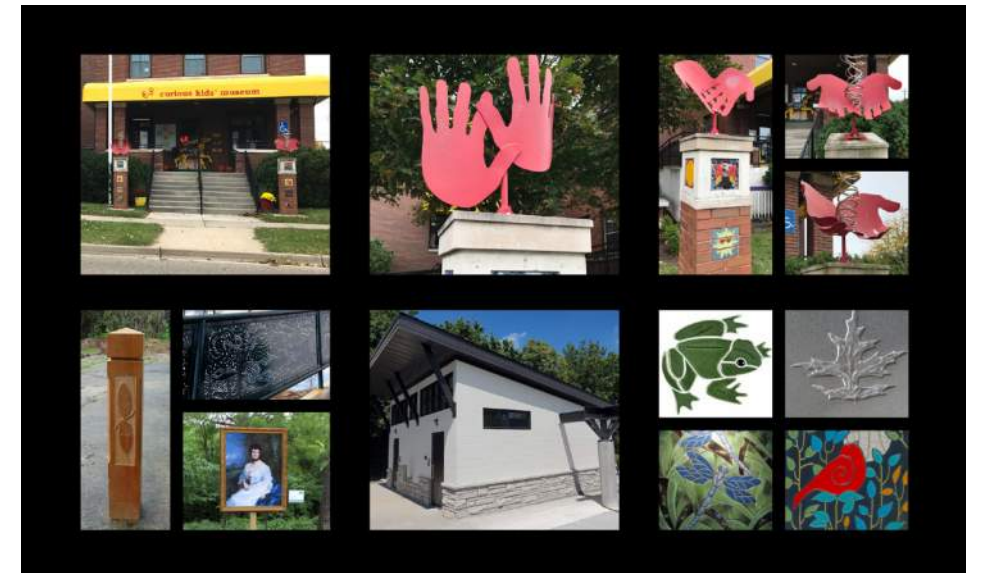
Dry Creek Glen (s)
 Dry Creek Falls
 Dry Creek Park

Gallery

Gallery Falls
 Gallery Park

Queen & Crescent

Queen & Crescent Station Park
 Q & C Station Park





Human Nature, Inc.
990 St. Paul Drive
Cincinnati, OH 45206
T: 513.281.2211
www.humannature.cc

Meeting Notes

DATE: 13 December 2022	FROM:
PARTICIPANTS: Peter Glenn, City of Erlanger Kevin Quinn, City of Erlanger	Chris Manning, Human Nature David Whittaker, Human Nature Sean Buckley, Human Nature
DISTRIBUTION: Design Team	PAGE 1/2
RE: Erlanger Park Master Planning Meeting	

Comments from City of Erlanger

The City was very excited about all of the ideas that we shared with them. After a few days to digest, they met as a group and agreed upon feedback for the team. The following summarizes their feedback, for the purposes of advancing the project and creating a Preliminary Master Plan with all of the preferred ideas and feedback integrated:

Overall Park Anatomy

- They like the idea of a central spine with parking at both ends and nodes where features happen and pathways for different adventures connect and branch off into the site. "Knuckles" points of increased interest where a road or path intersects with another feature.
 - They would like to see:
 - benches/swings overlooking the creek similar to Smale Riverfront Park.
 - Stairs/seating along creek for access - engaging the creek desirable
 - Opportunities for works of art and interpretive features.
 - They would like these features to act as breadcrumbs connecting people to things and places to people
 - Connections should be a central theme of the park
- Parking would be near the entrance off of Houston and at the Nature Center (old home site) on the other end.
- The main path/spine would be called "The Queen & Crescent"

Houston Road

- The existing Road from Houston to Sycamore Tree Lane should be split into a one-way road and a trail/path, using black Kentucky 4 board fencing to buffer the 2 uses.
- Transition to a 1 way could help sell the park to the community if they are only losing an exit for the few individuals who use Erlanger Road.

I-275 Culvert Pipe

- There is concern about safety, but the city is interested in exploring how to make this location accessible and the mayor especially is interested in providing a place for individuals to create public art/graffiti.

Play Areas

- Desire for a playground near the nature center/shelter on Houston Road + a clubhouse near the event center in the central clear zone.
- Playground and clubhouse should blend with nature with an emphasis on wood/natural materials.
- Desire for a water play feature somewhere in the park
- Paths throughout the park can lead to different age-appropriate facilities.

Nature/Event Center

- Rather than a fully built out nature center there is interest in a scaled back open-air structure with restrooms and service/catering facilities; fireplace; seating for 50 people
- Desired to be an organic space that makes use of the hillside.
- 3 season use, garage doors to open and close depending on weather
- Name Idea: "Eagle's Nest"

Dog Park

- Inception of the park idea began with a dog park the City expressed desire that the dog park should return in some capacity
- Our idea is to be off/on leash friendly throughout entire park similar to Alms Park and Stanbery Park.
- If the City were to forego selling the parcel on Houston Road there is potential to use that as a designated dog park area with facilities such as dog washing stations.

Turfway Road

- There should be at least a small amount of parking on this side of park
- 2-way road and a multi-use path to get to nature center.
- Protected trail connection under I-275 to Dolwick Drive pedestrian/streetscape improvements. This connects to hundreds of employees and millions of dollars of investment.

Mountain Biking

- There is interest in Mountain Biking trails, but we think the scale of the current park is too small.
- If there is momentum later in expanding the park along Dry Creek, there would be significantly more space for Mountain Biking
- Potentially partner with Cincinnati Off-Road Alliance – Mountain Biking should be mentioned in the next meeting

Park Name

- "Engagement Glen" or Valley is a well-liked name from the City of Erlanger.

Signature Feature(s) of the Park

- What can be the unique feature or landmark in the park that serves as a draw?
- Great Smokey Mountains Sky Bridge was brought up as an example with glass bridge elements to look into the valley. Something over the stream that has drama is desired.
- Can this feature stand out and be impactful while in use but when looking up from the creek it blends with nature?



The Greenway at Dry Creek

VISION: MASTER PLAN

GREENWAY SITE



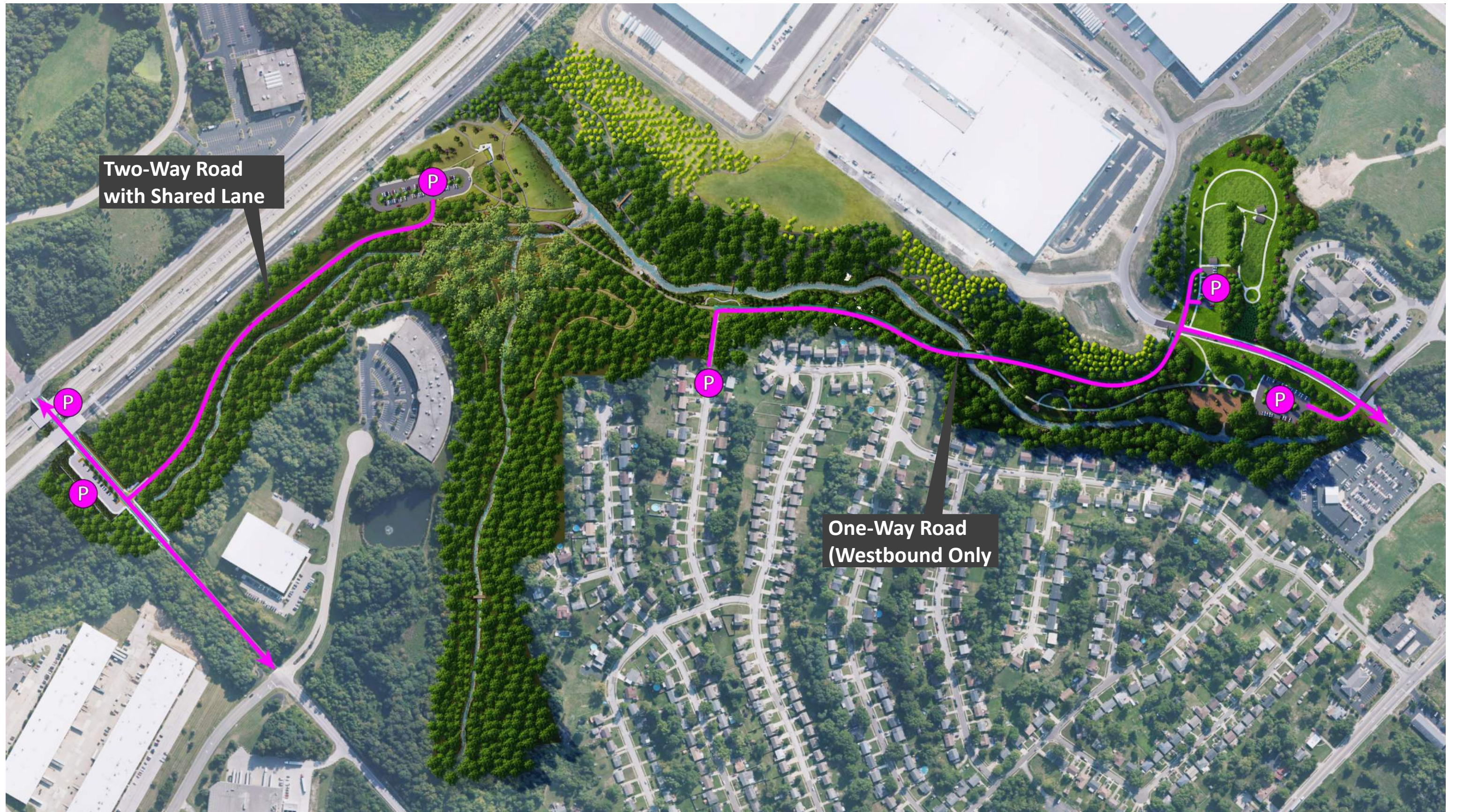
GREENWAY MASTER PLAN



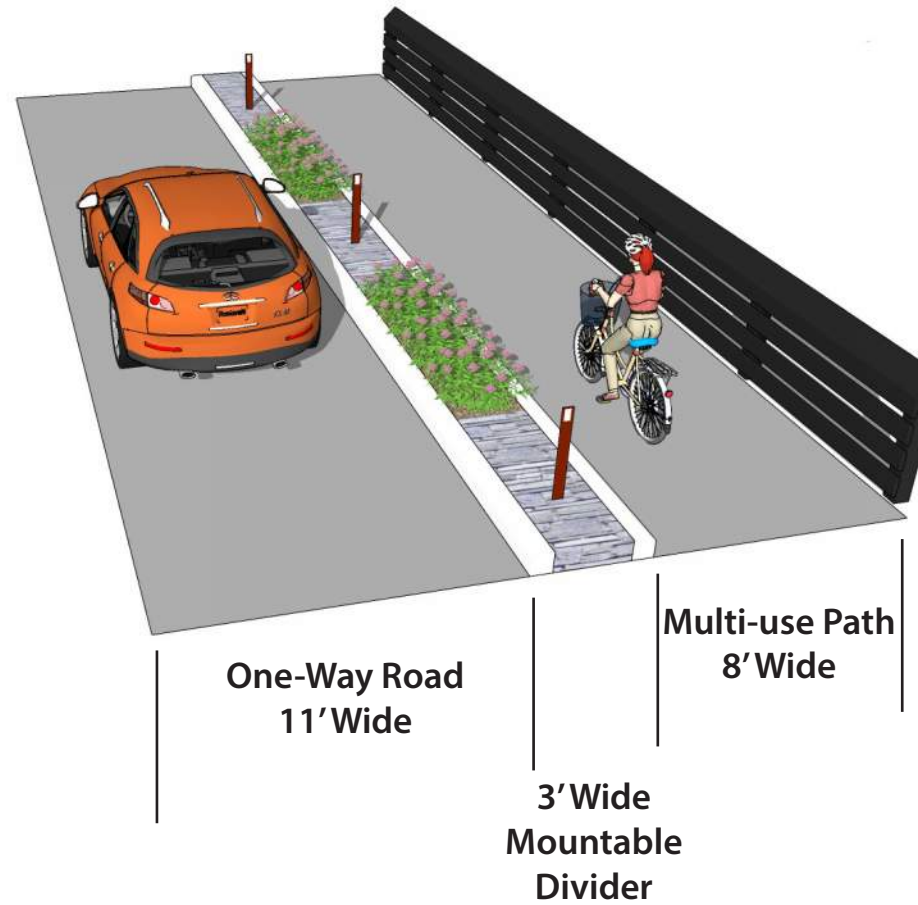
SITE SYSTEMS - QUEEN & CRESCENT PATH



SITE SYSTEMS - ROADS AND PARKING



Houston Road to Sycamore Lane Roadway Concept



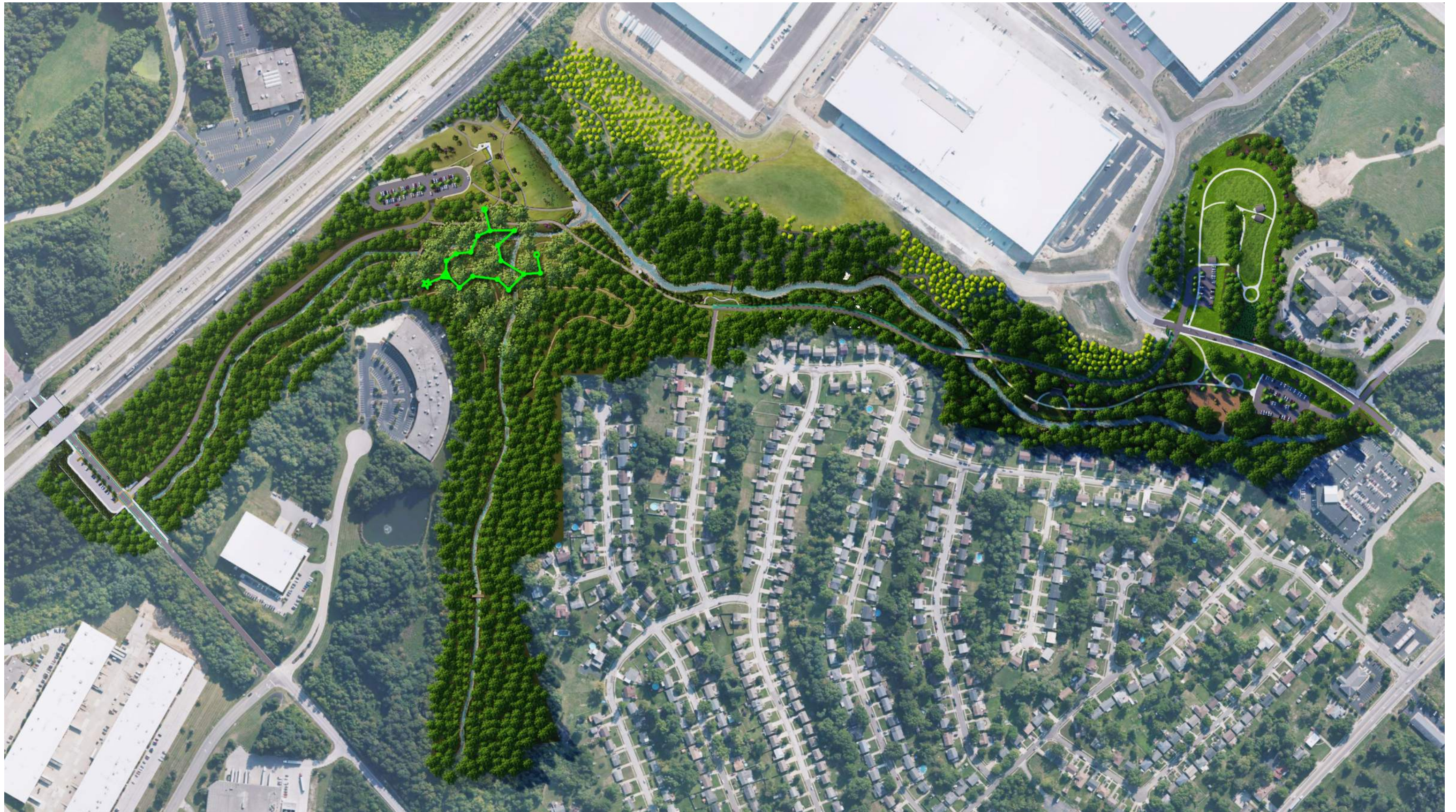
Turfway Road to Park Center Shared Roadway Concept



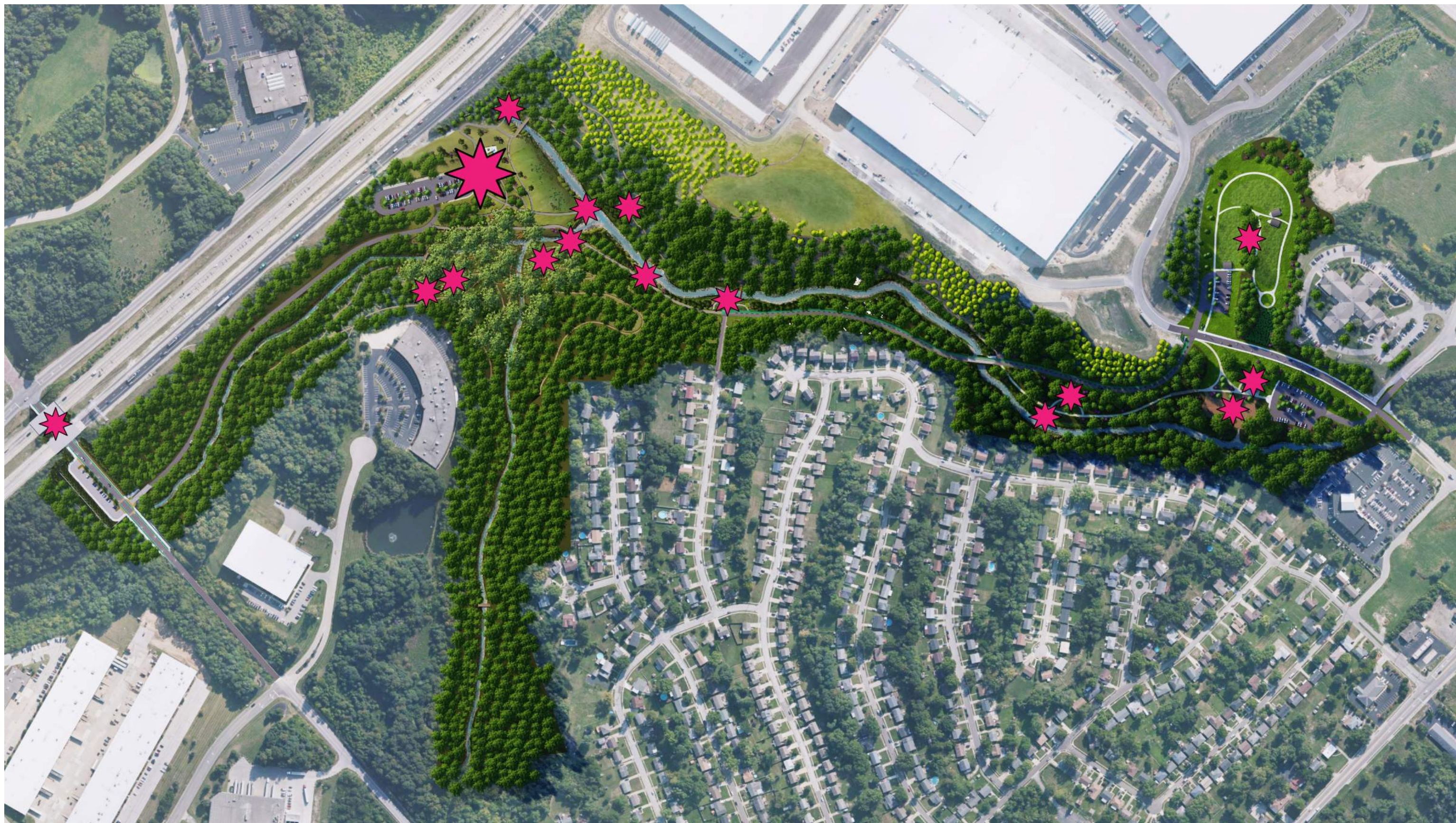
SITE SYSTEMS - TRAILS AND WALKWAYS



SITE SYSTEMS - CANOPY WALK



SITE SYSTEMS - GALLERY OF SITE FEATURES



SITE SYSTEMS - ALL FEATURES AND TRAILS



MASTER PLAN



SITE FEATURES - SITE INSPIRATION



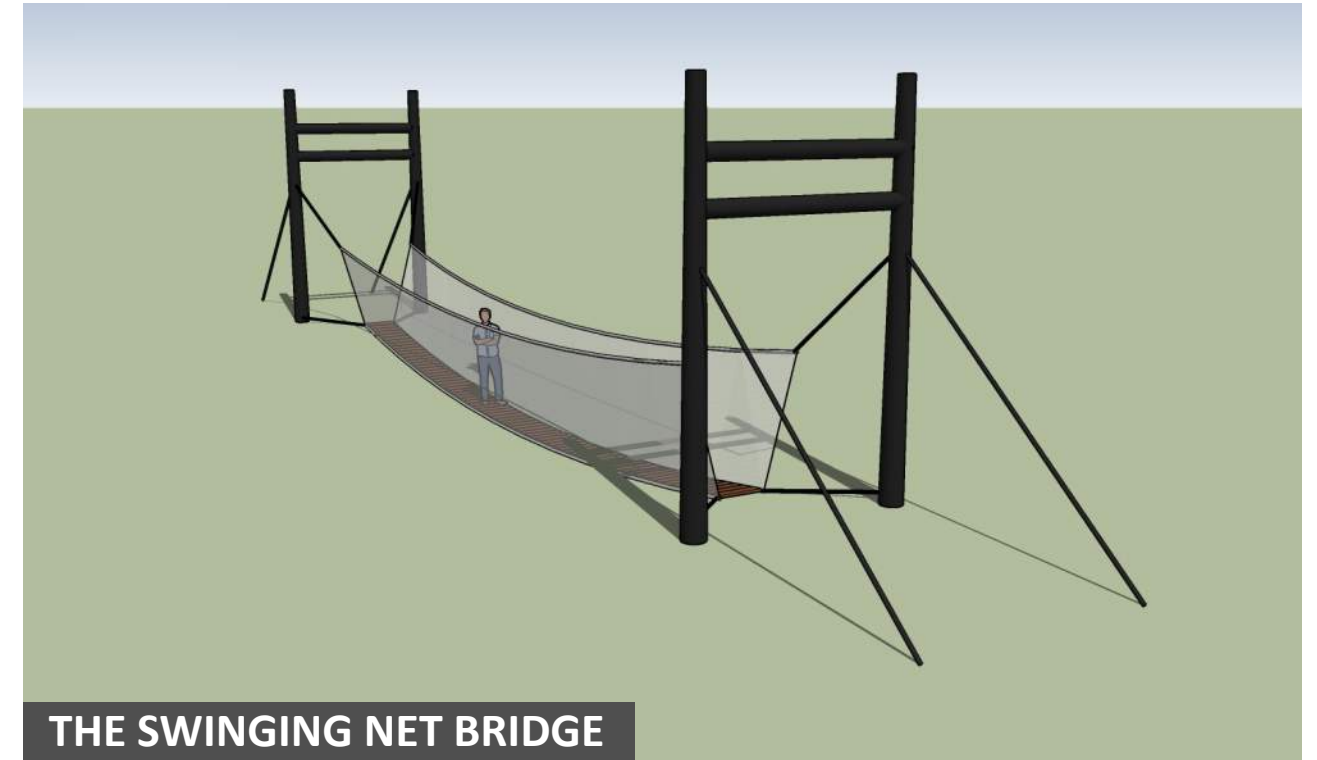
SITE FEATURES - SITE ELEMENTS



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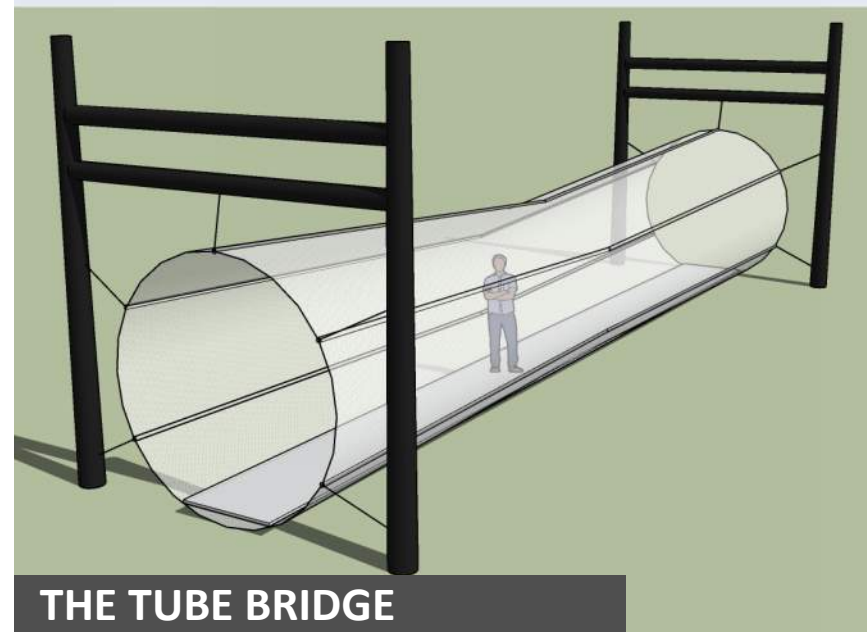
THE STREAMSIDE CLASSROOM



THE SWINGING NET BRIDGE



THE LEAF SWING



THE TUBE BRIDGE



THE LOBELIA STREAM OVERLOOK

Civic Architecture of Erlanger



ASHLAR STONE WALL

Solid and massive, Ashlar-laid stone walls retain soil and form solid foundations that other elements are built upon



BLOCK/BRICK/CONCRETE

Opaque and regular, neutral-color units make up secondary planes and masses of the buildings



GLAZING OR TRANSPARENCY

Clear or translucent, glass and wire mesh break up the masses and separate the heavy elements from the light planes of the roofs



STRUCTURAL MEMBERS

Dark-colored and angular, columns in varying angles mimic the surround tree trunks and contrast the heavy elements.



EDGE TRIM

Dark-colored trim defines the edges of roof and overhanging planes. The dark color relates to the structure supporting it

Park Material Addition



WOOD "INNER" FACES

Warm and middle-toned, wood on ceilings and undersides of planes differentiates the park structures from other civic buildings



- ASHLAR STONE WALL
- STANDARD BLOCK OR BRICK
- GLAZING OR TRANSPARENCY
- STRUCTURAL MEMBERS
- PLANAR EDGES

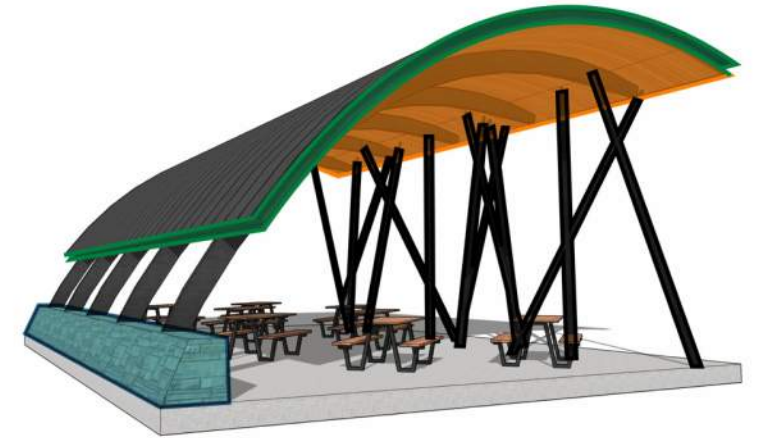
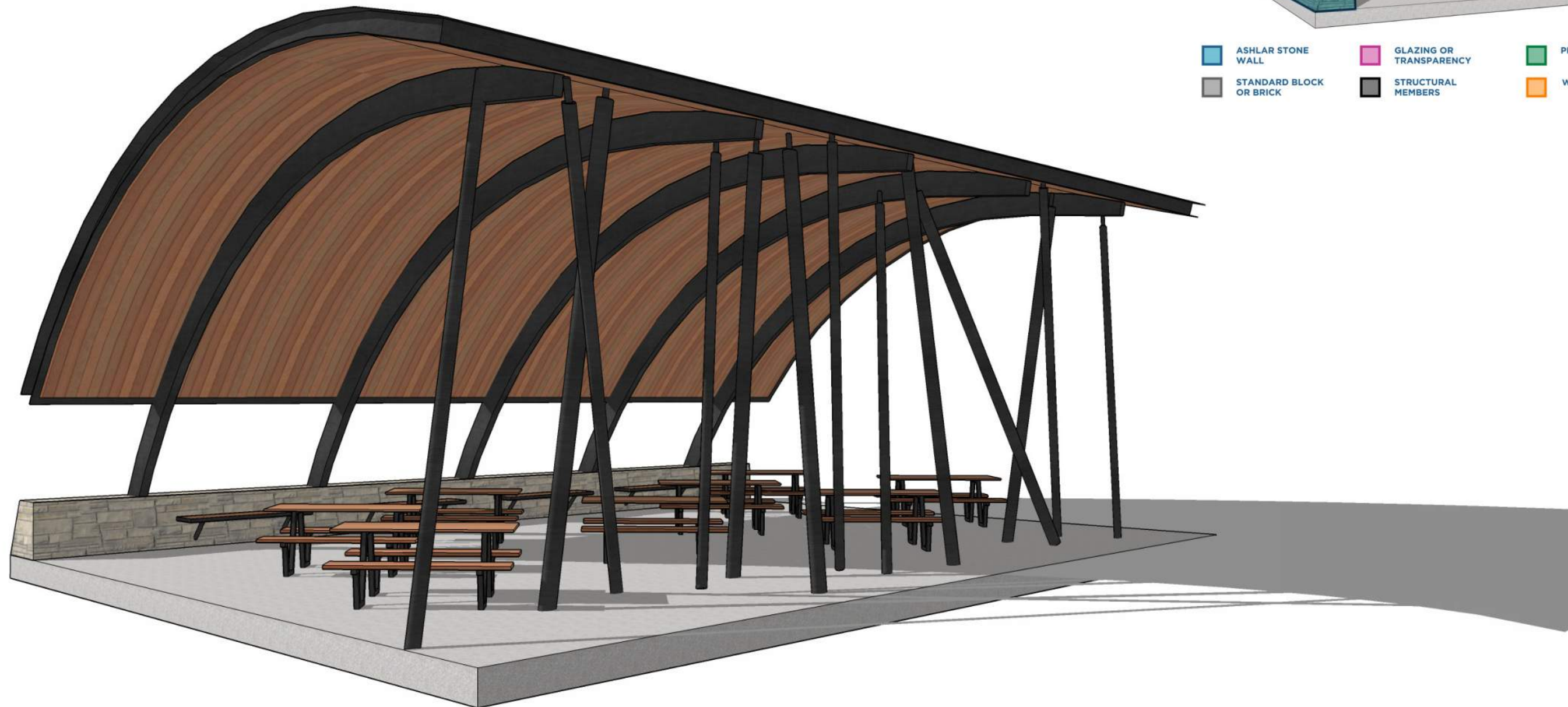


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SITE FEATURES - ARCHITECTURAL ELEMENTS



- | | | |
|---|---|--|
|  ASHLAR STONE WALL |  GLAZING OR TRANSPARENCY |  PLANAR EDGES |
|  STANDARD BLOCK OR BRICK |  STRUCTURAL MEMBERS |  WOOD "INNER" FACES |

PICNIC SHELTER

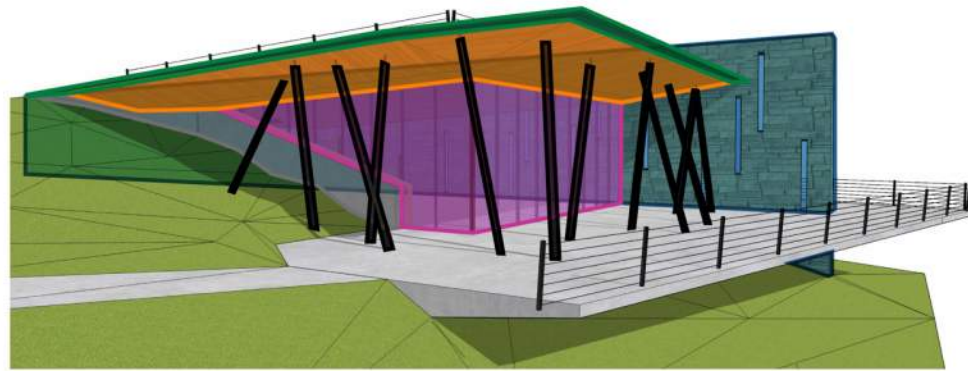
SITE FEATURES - ARCHITECTURAL ELEMENTS



- ASHLAR STONE WALL
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PICNIC SHELTER/RESTROOM

SITE FEATURES - ARCHITECTURAL ELEMENTS



- | | | |
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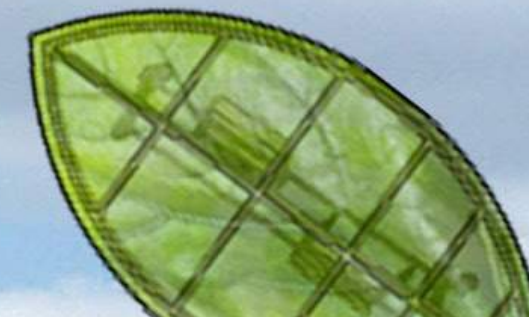
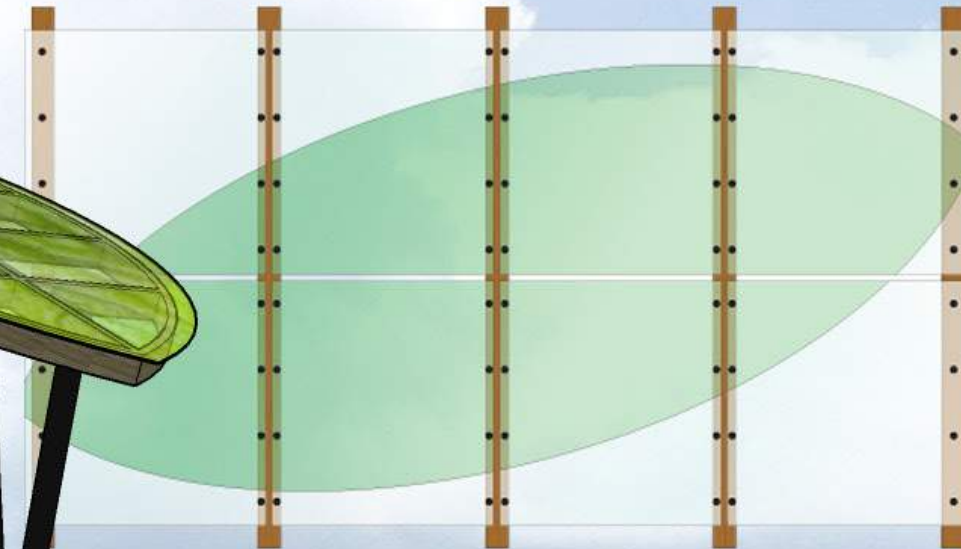
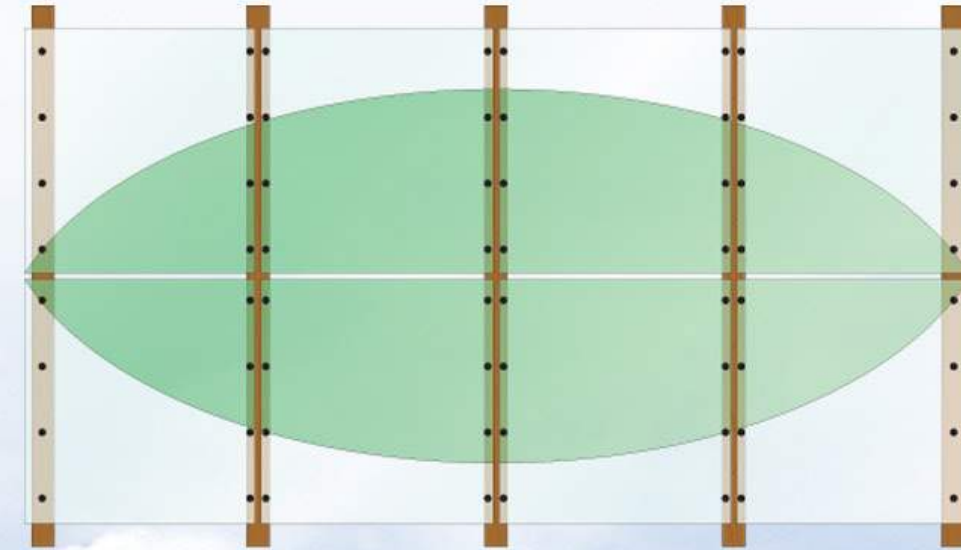
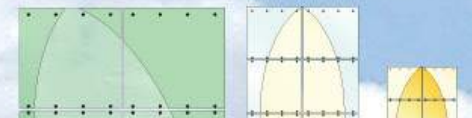
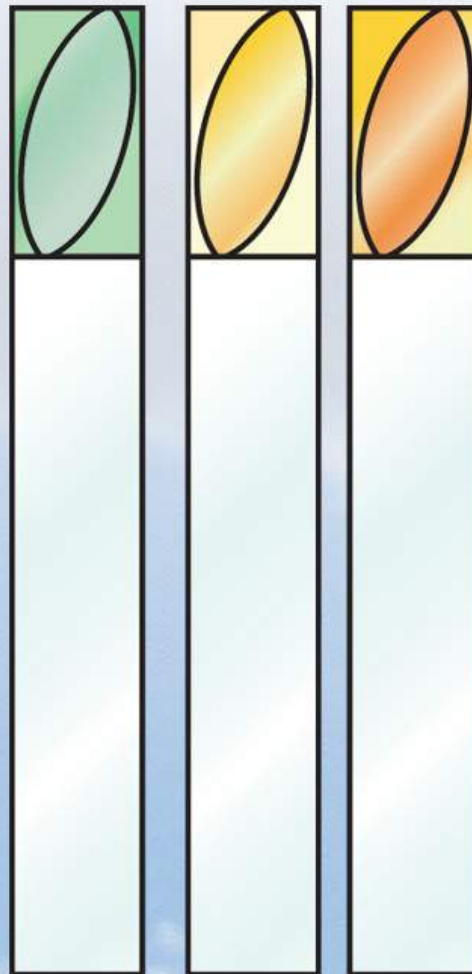
THE CROWN PAVILION



THE CROWN PAVILION

SITE FEATURES - CROWN BEACON INSPIRATION

KENTUCKY STATE TREE - TULIP POPLAR BLOSSOM



SITE FEATURES - ARCHITECTURAL ELEMENTS



Potential Family of Signage Elements

Approach & Vehicular

Streetscape "Banner" Elements
Park Main Entrance Monument
Vehicle Directional Signage
Regulatory Signage

Trails

Trailhead Signage
Trail Directional Markers
Trail Distance Markers
Trail Rules Signage

Pavilion

Lot Entrance Sign
"Building" Signage
Donor Recognition

Play Area

Entrance Sign
Playground Rules

Dog Park

Entrance Sign
Dog Park Rules

Interpretative Signage

In the Trailhead Signs
Along the Trails
At the Pavilion

Regulatory & ADA Signage

Park Rules
Disclaimer Signage
Facilities Signage
ADA Signage

SITE FEATURES - SIGNAGE ELEMENTS



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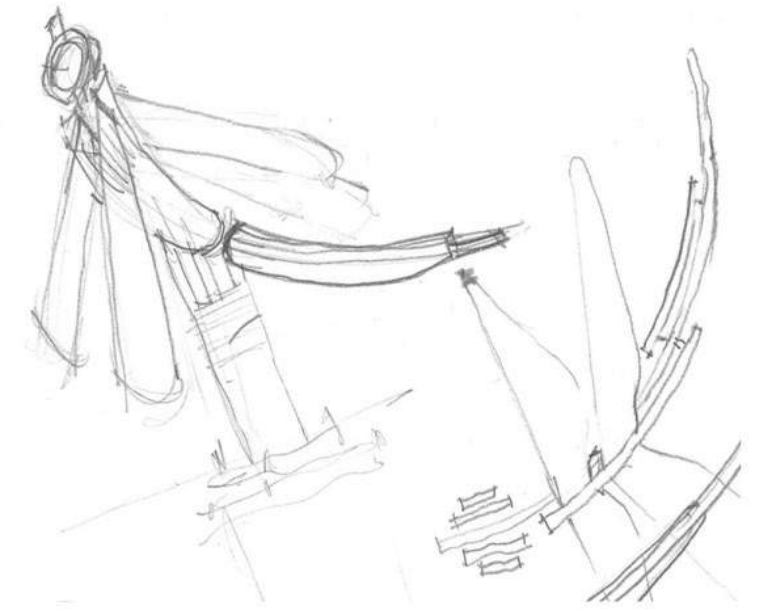


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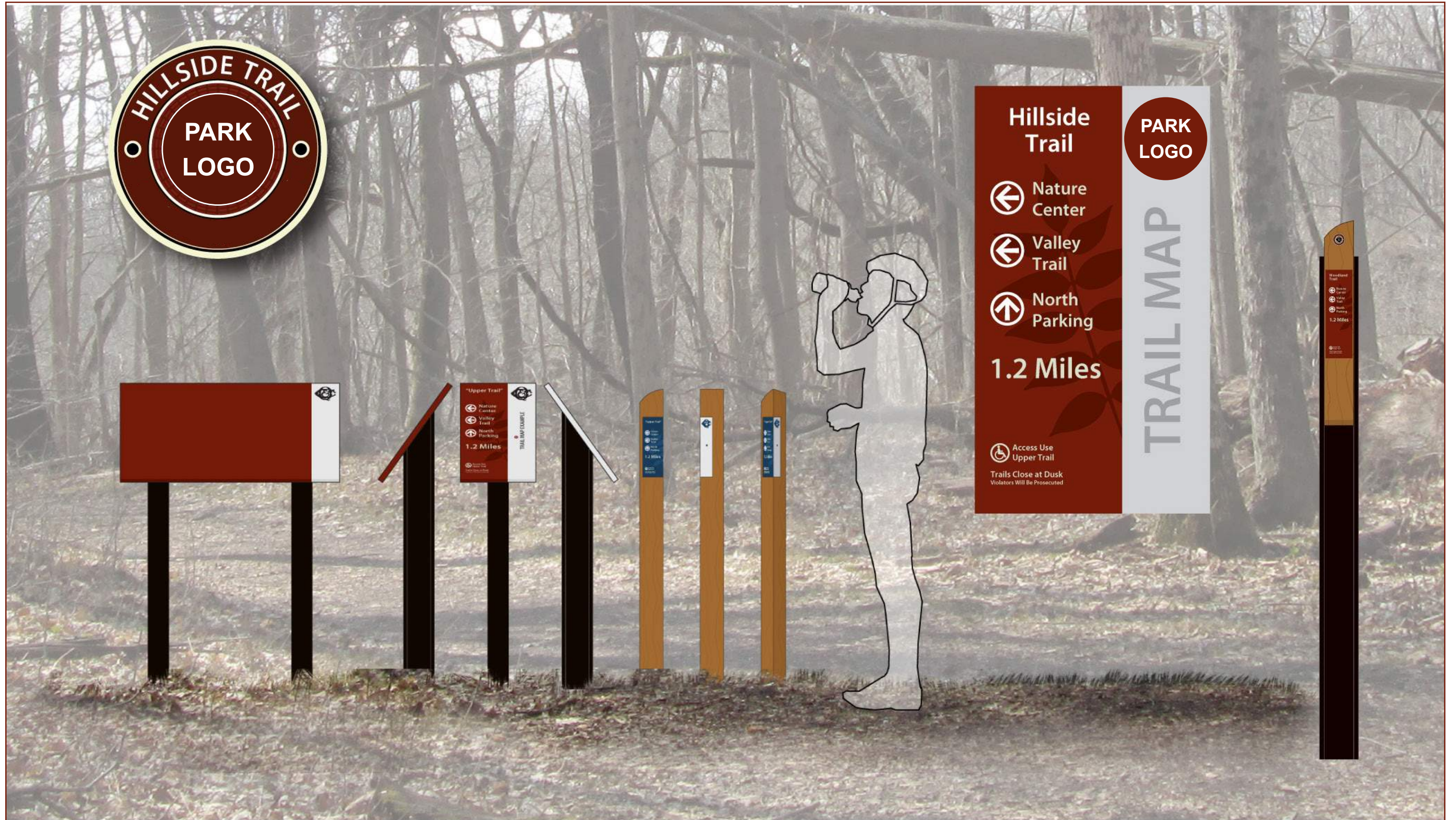


A Poem For Autumn: "Grace" by Wendell Berry

The woods is shining this morning.
Red, gold and green, the leaves
lie on the ground, or fall,
or hang full of light in the air still.
Perfect in its rise and in its fall, it takes
the place it has been coming to forever.
It has not hastened here, or lagged.
See how surely it has sought itself,
its roots passing lordly through the earth.
See how without confusion it is
all that it is, and how flawless
its grace is. Running or walking, the way
is the same. Be still. Be still.
"He moves your bones, and the way is clear."



SITE FEATURES - SIGNAGE ELEMENTS



SITE FEATURES - SIGNAGE ELEMENTS



SITE FEATURES - SIGNAGE ELEMENTS



SITE FEATURES - SIGNAGE ELEMENTS



SITE FEATURES - CULVERT CANVAS



CONCEPT HIGHLIGHTS - UNDERPASS CANVAS



CONCEPT HIGHLIGHTS - THE CROWN PAVILION





CONCEPT HIGHLIGHTS - CANOPY TRAIL



CONCEPT HIGHLIGHTS - EAST GATEWAY HUB

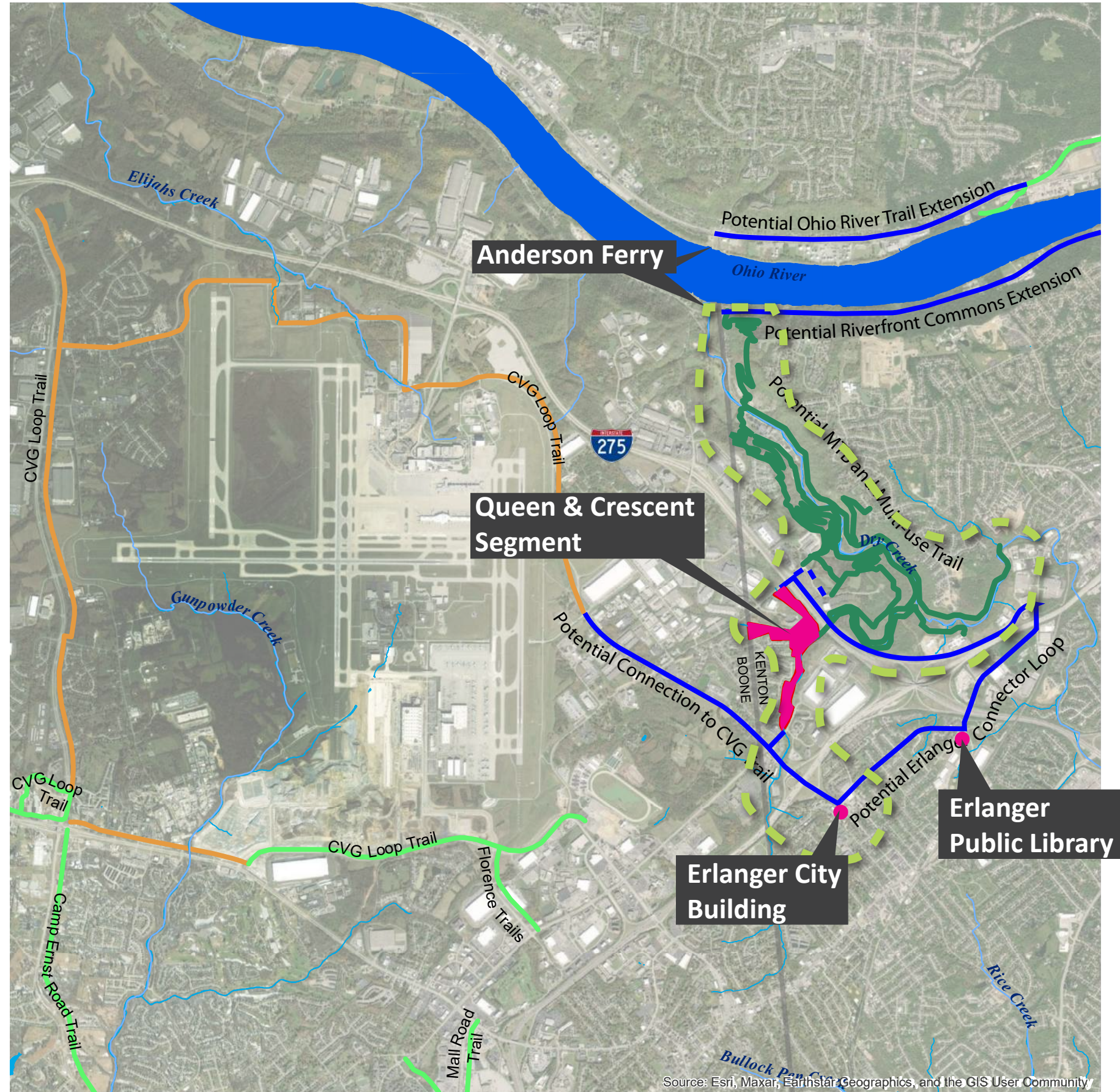
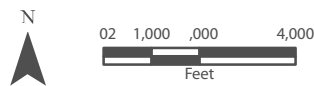


CONCEPT HIGHLIGHTS - DOG PARK



DRY CREEK GREENWAY

-  Rivers and Streams
-  Project Area
- Multi-Use Trails**
-  Existing Trails
-  Proposed Trails
-  Potential Multi-Use Trail
-  Potential Mountain Bike Trail



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community