

# OVERLEY-WORMAN PARK MASTER PLAN

OVERLEY-WORMAN PARK

VONTERRA SUBDIVISION

ZIONSVILLE PARK TRAIL

STARKEY NATURE PARK

## DESIGN WORKSHOP PRESENTATION MARCH 09, 2017

STARKEY NATURE PARK

INTERSTATE 865



# Project Timeline

## PHASE 1 INVENTORY

- Gather Information
- Existing Document Review

## PHASE 2 ANALYSIS

- Opportunities & Constraints

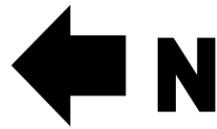
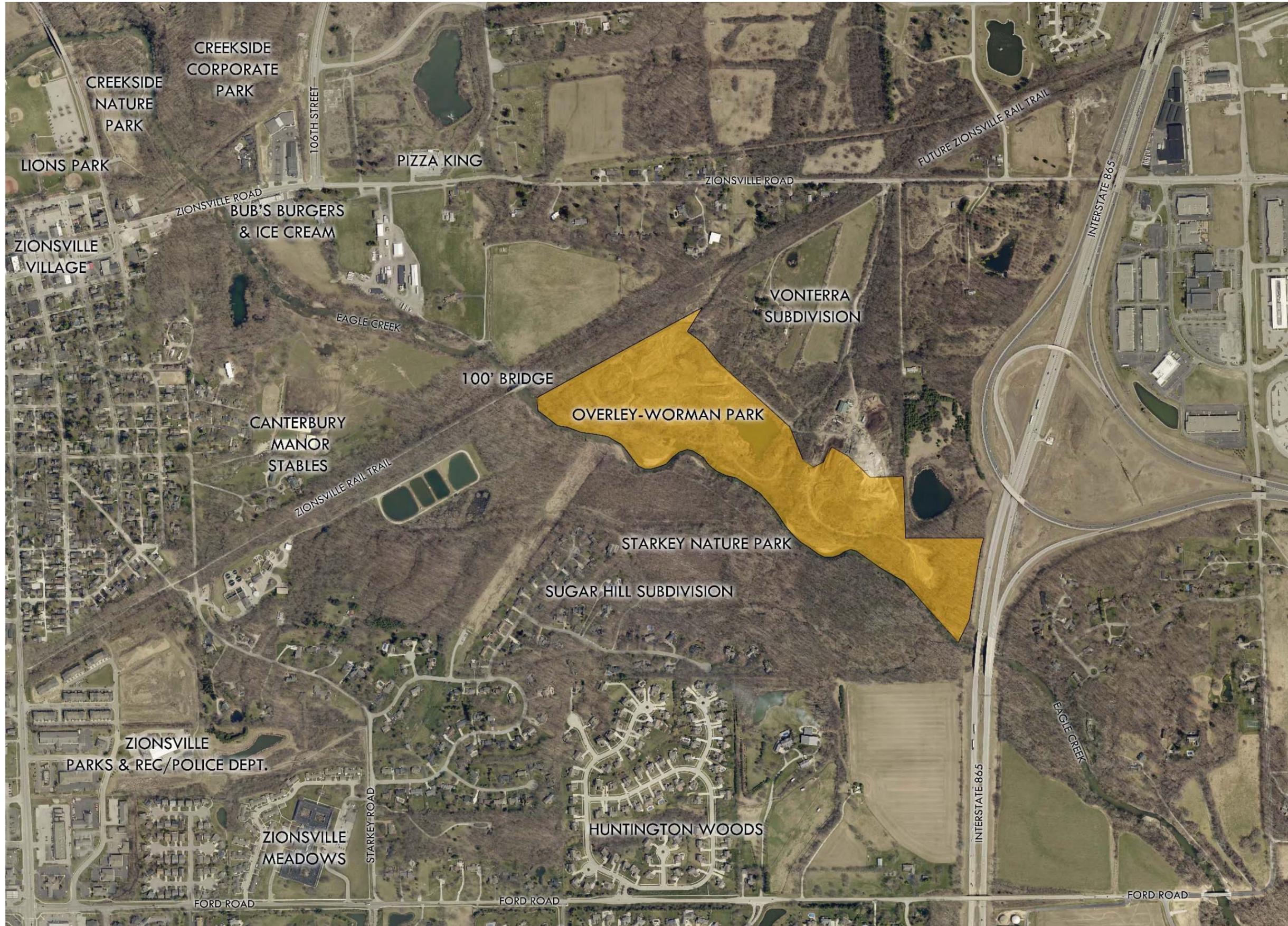
## PHASE 3 DESIGN WORKSHOP

- **March 7<sup>th</sup> - March 9<sup>th</sup> Workshop**

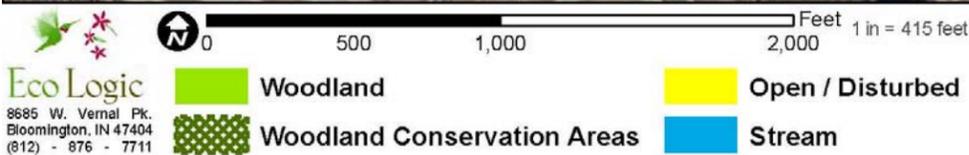
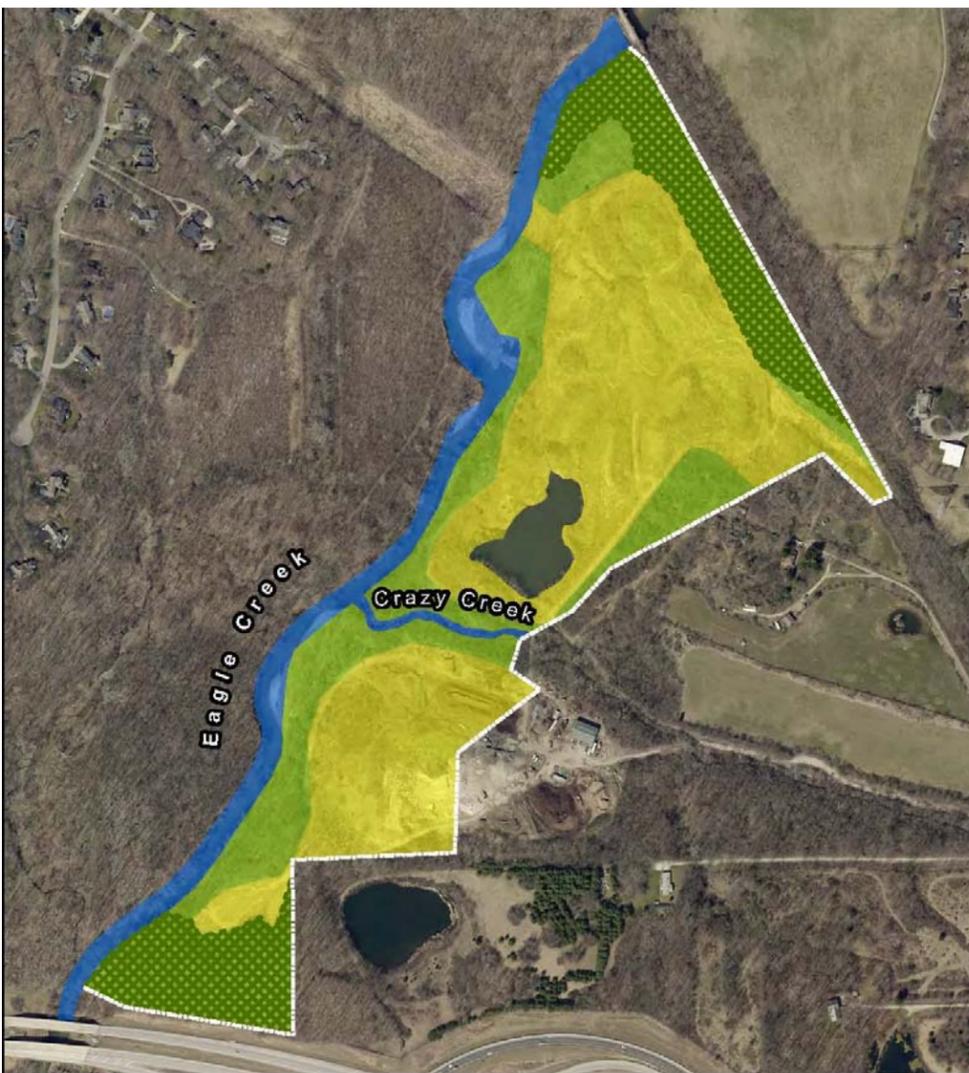
## PHASE 4 MASTER PLAN

- April - May 2017
- Park Board Review
- Town Council Review

# Location Map



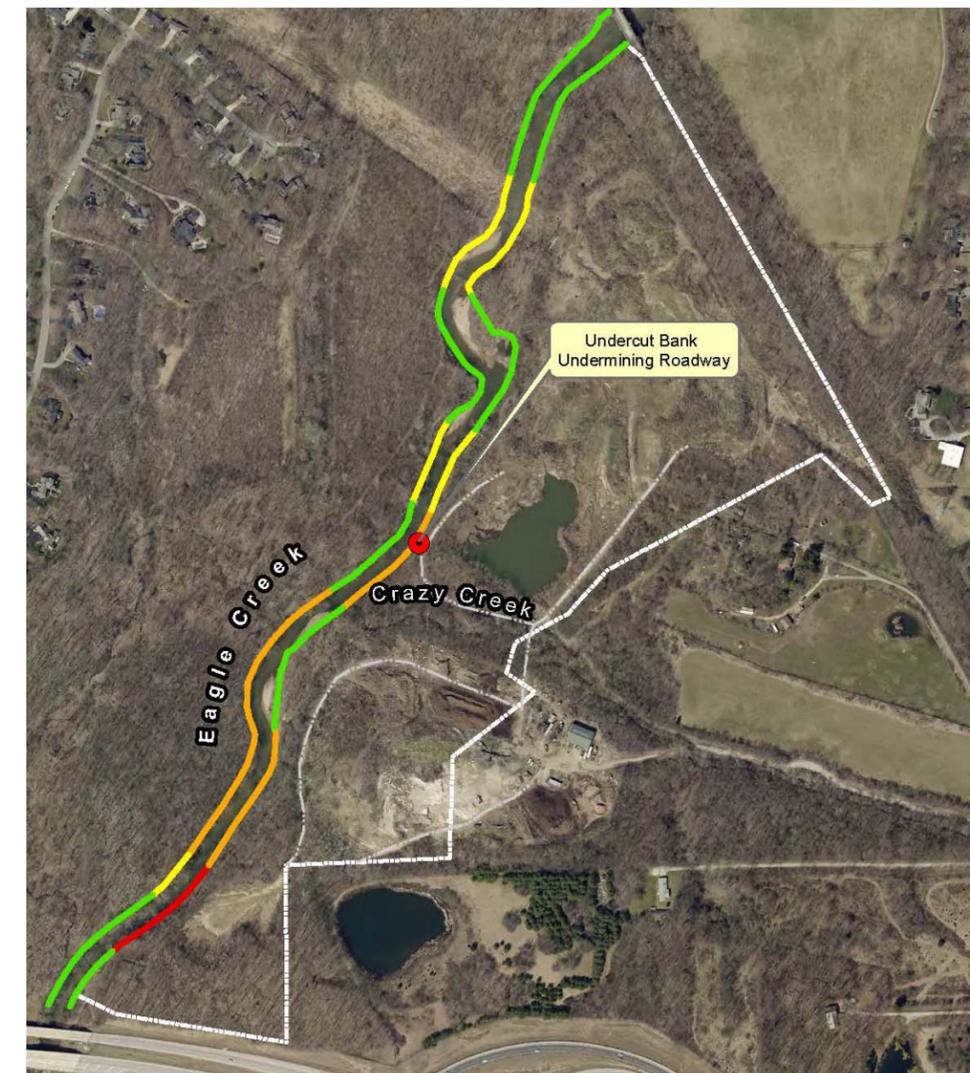
# Inventory & Analysis



Habitat Assessment

| Invasive Plant Inventory                                |                      |                      |                         |
|---|----------------------|----------------------|-------------------------|
| scientific name:  | common name:         | presence on site*    | IISC Invasive Ranking** |
| <i>Ailanthus altissima</i>                              | Tree of Heaven       | present              | High                    |
| <i>Alliaria petiolata</i>                               | Garlic Mustard       | dominant             | High                    |
| <i>Celastrus orbiculatus</i>                            | Oriental Bittersweet | present (Rail Trail) | High                    |
| <i>Cirsium arvense</i>                                  | Canada Thistle       | moderate             | High                    |
| <i>Conium maculatum</i>                                 | Poison Hemlock       | dominant             | High                    |
| <i>Daucus carota</i>                                    | Queen Anne's Lace    | moderate             | Medium                  |
| <i>Dipsacus fullonum</i>                                | Teasle               | moderate             | High                    |
| <i>Eleagnus umbellata</i>                               | Autumn Olive         | present              | High                    |
| <i>Euonymus fortunei</i>                                | Wintercreeper        | present              | High                    |
| <i>Hedera helix</i>                                     | English Ivy          | present              | Medium                  |
| <i>Humulus japonicus</i>                                | Japanese Hops        | present (Rail Trail) | High                    |
| <i>Ligustrum spp.</i>                                   | Privet               | present              | Caution-High            |
| <i>Lonicera japonica</i>                                | Japanese Honeysuckle | moderate             | High                    |
| <i>Lonicera maackii</i>                                 | Bush Honeysuckle     | dominant             | High                    |
| <i>Maclura pomifera</i>                                 | Osage Orange         | moderate             | not listed              |
| <i>Miscanthus sinensis</i>                              | Chinese Silvergrass  | present              | Medium                  |
| <i>Morus alba</i>                                       | Asian Mulberry       | moderate             | High                    |
| <i>Pachysandra terminalis</i>                           | Japanese Pachysandra | present              | not listed              |
| <i>Phalaris arundinacea</i>                             | Reed Canary Grass    | moderate             | High                    |
| <i>Phragmites australis</i>                             | Common Reed          | moderate             | High                    |
| <i>Pyrus calleryana</i>                                 | Callery Pear         | moderate             | High                    |
| <i>Ranunculus ficaria</i>                               | Lesser Celandine     | dominant             | Caution                 |
| <i>Robinia pseudoacacia</i>                             | Black Locust         | moderate             | not listed              |
| <i>Rosa multiflora</i>                                  | Multiflora Rose      | moderate             | High                    |
| <i>Rumex crispus</i>                                    | Curly Dock           | moderate             | not listed              |
| <i>Schenodorus arundinaceus</i>                         | Tall Fescue          | dominant             | Medium                  |
| <i>Setaria faberi</i>                                   | Giant Foxtail        | moderate             | not listed              |
| <i>Trifolium repens</i>                                 | White Clover         | dominant             | not listed              |
| <i>Verbascum thapsus</i>                                | Common Mullein       | moderate             | not listed              |
| <i>Viburnum rhytidophyllum</i>                          | Leatherwood Viburnum | present              | not listed              |
| <i>Vinca minor</i>                                      | Lesser Periwinkle    | present              | Medium                  |
| *present (EDRR)- one to several individuals             |                      |                      |                         |
| **IISC - Indiana Invasive Specil Council Ranking System |                      |                      |                         |
| moderate - several to numerous individuals              |                      |                      |                         |
| dominant - numerous/countless individuals               |                      |                      |                         |

Invasive Plant Inventory



Stream Bank Assessment

**MAP LEGEND**

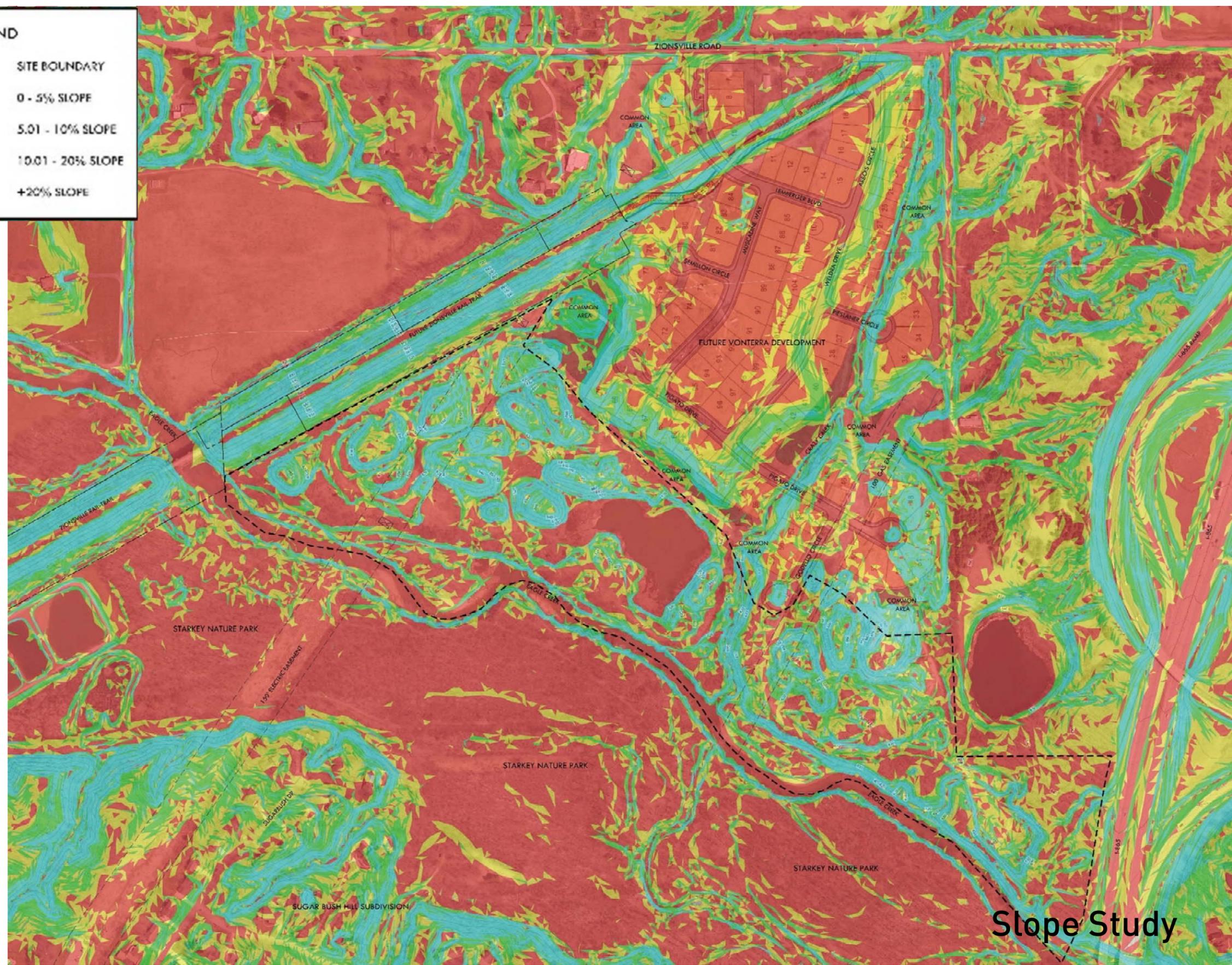
-  SITE BOUNDARY
-  WATER
-  FLOODPLAIN
-  WETLAND



Floodplain

**MAP LEGEND**

-  SITE BOUNDARY
-  0 - 5% SLOPE
-  5.01 - 10% SLOPE
-  10.01 - 20% SLOPE
-  +20% SLOPE



**Slope Study**

# Stakeholders

- Zionsville Elected Officials
- Zionsville Town Staff
- Business Owners
- Neighborhoods & Homeowners Associations
- Environmental Groups
- Recreation Clubs
- Sports Clubs



# What We Heard

## Connectivity:

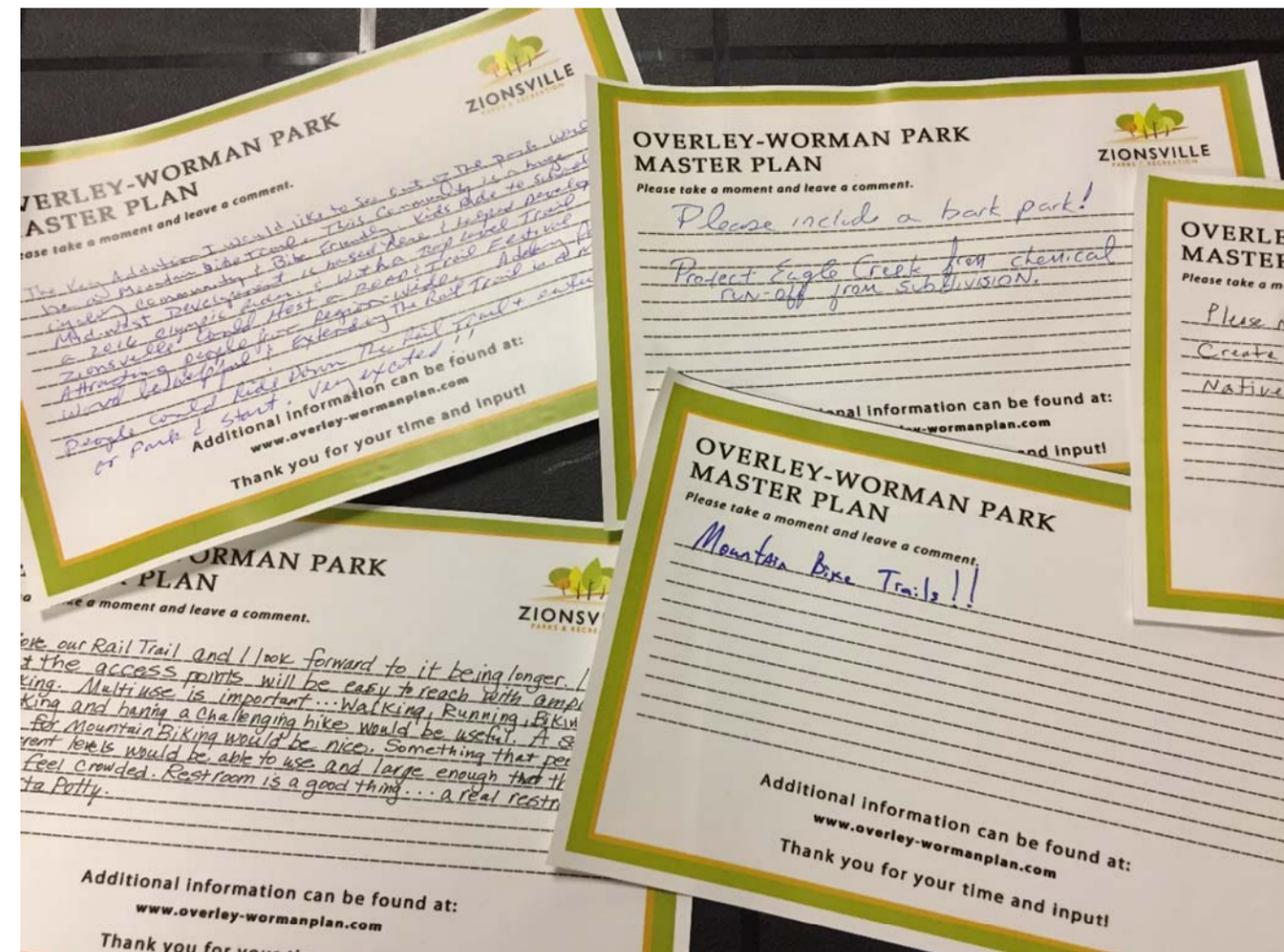
- Extend Big-4 Rail-Trail
- Connect to Big-4 Rail-Trail
- Connect to Starkey Park
- Connect to Village/Zionsville Community



# What We Heard

## Recreational Use:

- Trails: wide variety: Off-road biking & running, paved, boardwalk, fitness/exercise, trail loops
- Adventure play course, rope course
- Canoe/kayak – put-in/take-out
- Access to Eagle Creek
- Pond access – boardwalks, fishing



# What We Heard

## Recreational Use:

- Play area – playground
- Trailhead – restroom, parking, drinking fountain, bike repair station
- Picnic areas – picnic tables, grills
- Shelter



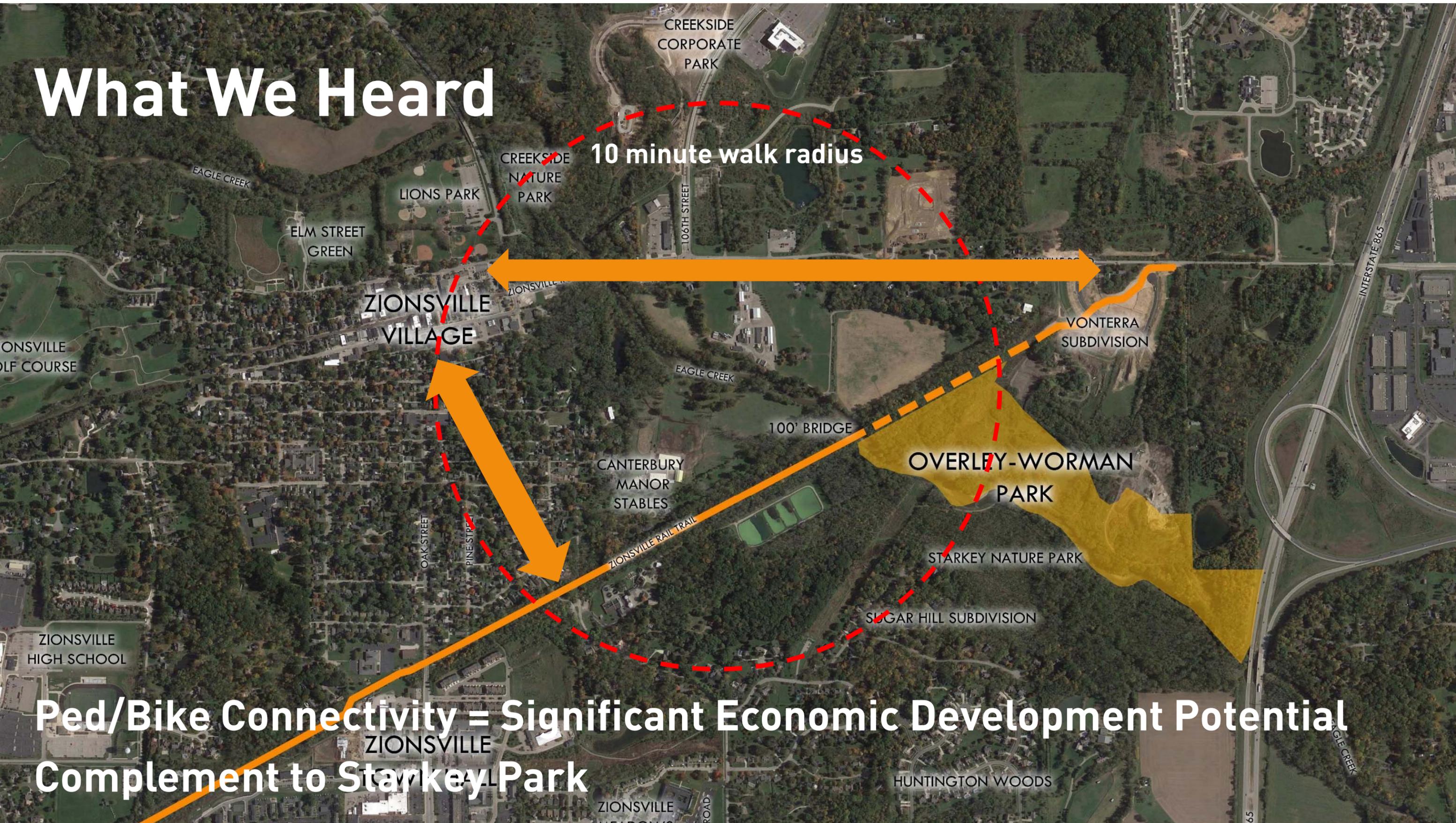
# What We Heard

## Reclamation:

- Protect riparian buffer
- Preserve woodlands
- Remove invasive/habitat restoration



# What We Heard



10 minute walk radius

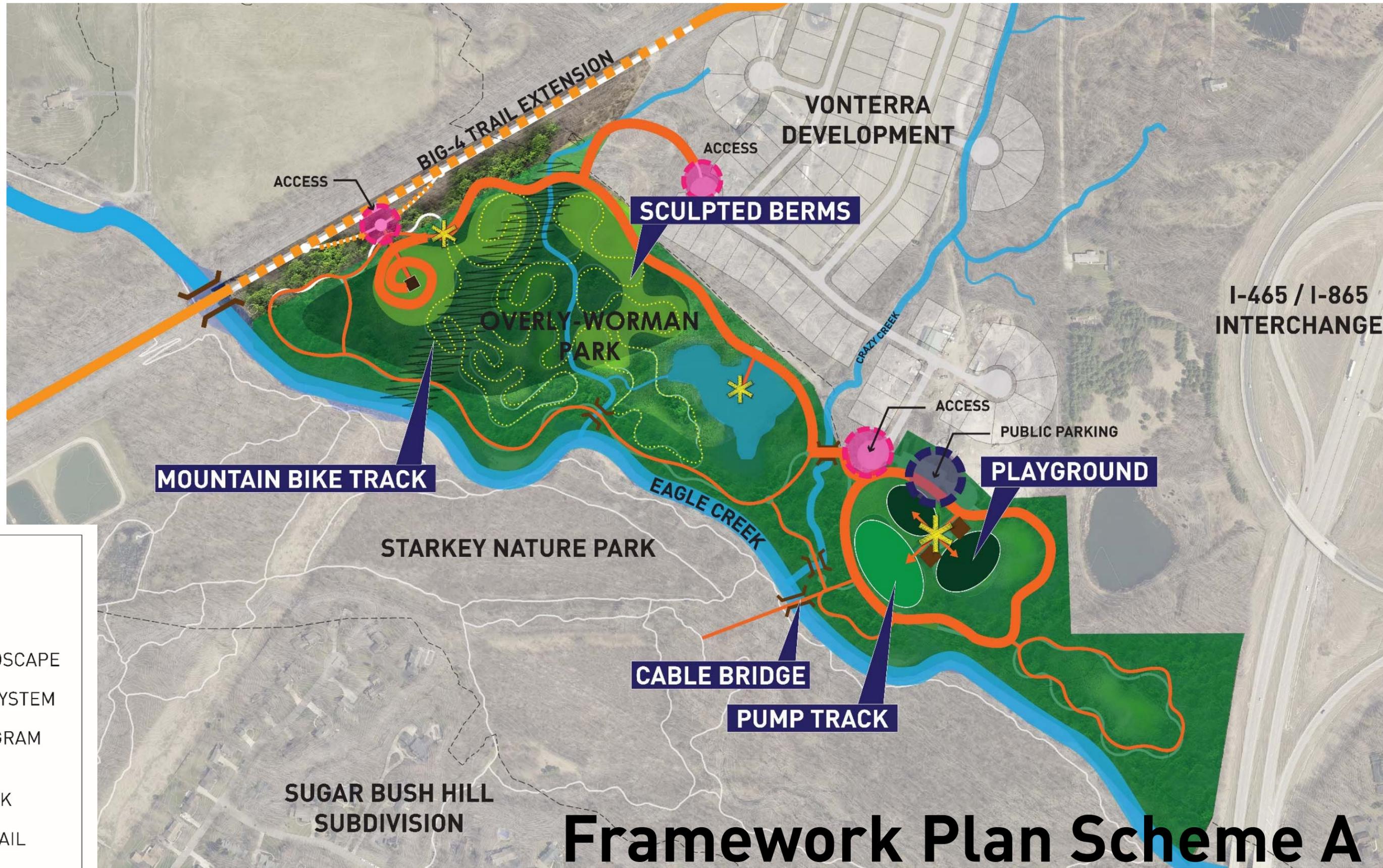
**Ped/Bike Connectivity = Significant Economic Development Potential  
Complement to Starkey Park**

# What We Heard

## General Themes:

- Dual use trails
- One-directional
- Variety of ages and skill levels
- “Gateway” to the sport





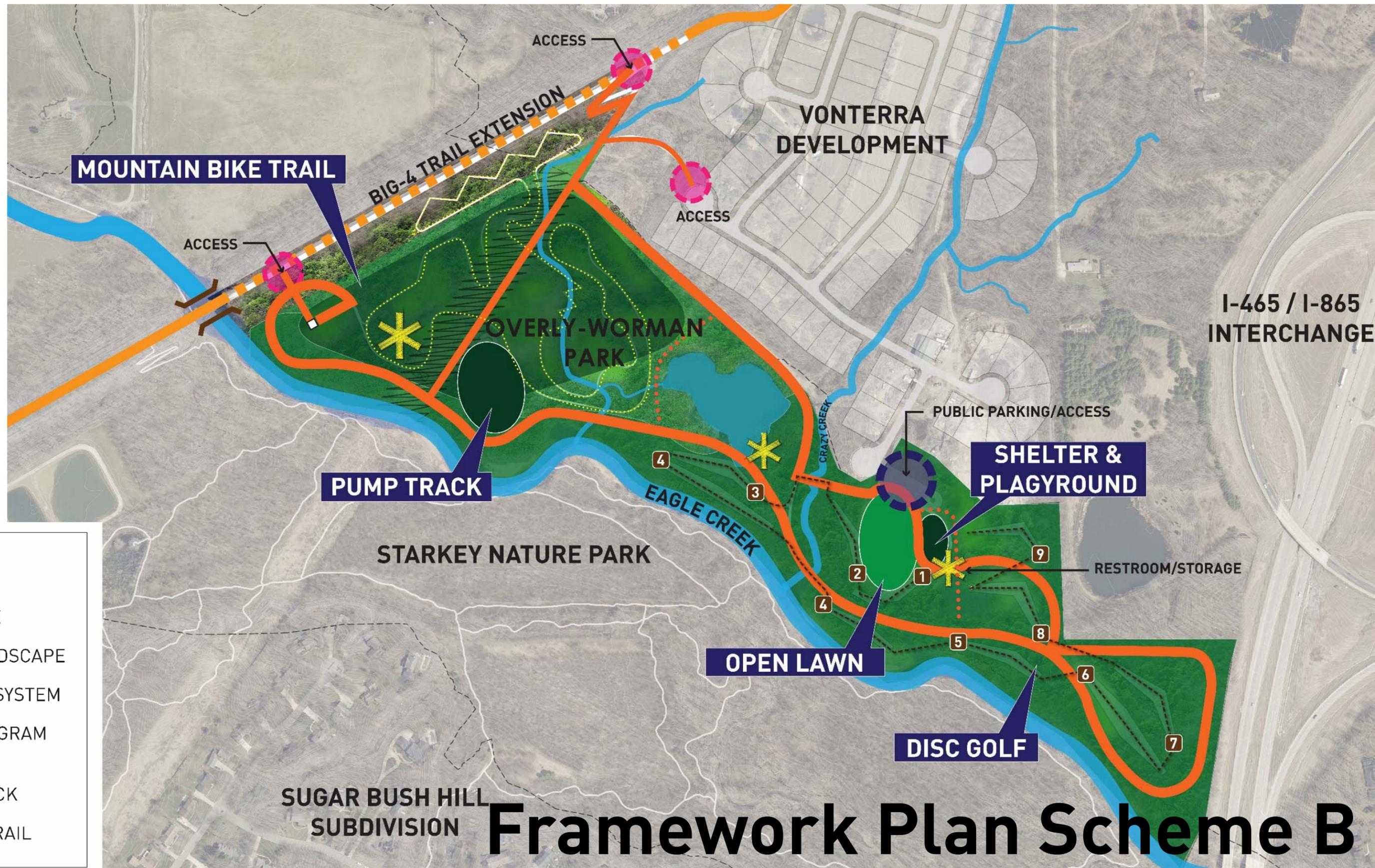
# Framework Plan Scheme A

# MAP LEGEND

- ① PARK ACCESS
- ② PAVED MULTI-USE TRAILS
- ③ MOUNTAIN BIKE TRAILS
- ④ HIKING TRAILS
- ⑤ DUAL USE TRAILS
- ⑥ PUMP TRACK
- ⑦ BEGINNER SKILLS COURSE
- ⑧ BOARDWALK
- ⑨ FISHING PIER
- ⑩ CABLE BRIDGE
- ⑪ TREE TROT
- ⑫ KAYAK/CANOE LAUNCH
- ⑬ BIG FOUR RAIL TRAIL EXTENSION
- ⑭ PARKING
- ⑮ RESTROOMS
- ⑯ SHELTER/PICNIC AREA
- ⑰ PLAY AREA
- ⑱ OBSERVATION POINT
- ⑲ MEADOW WALK
- ⑳ EARTH FORMS

# Scheme A



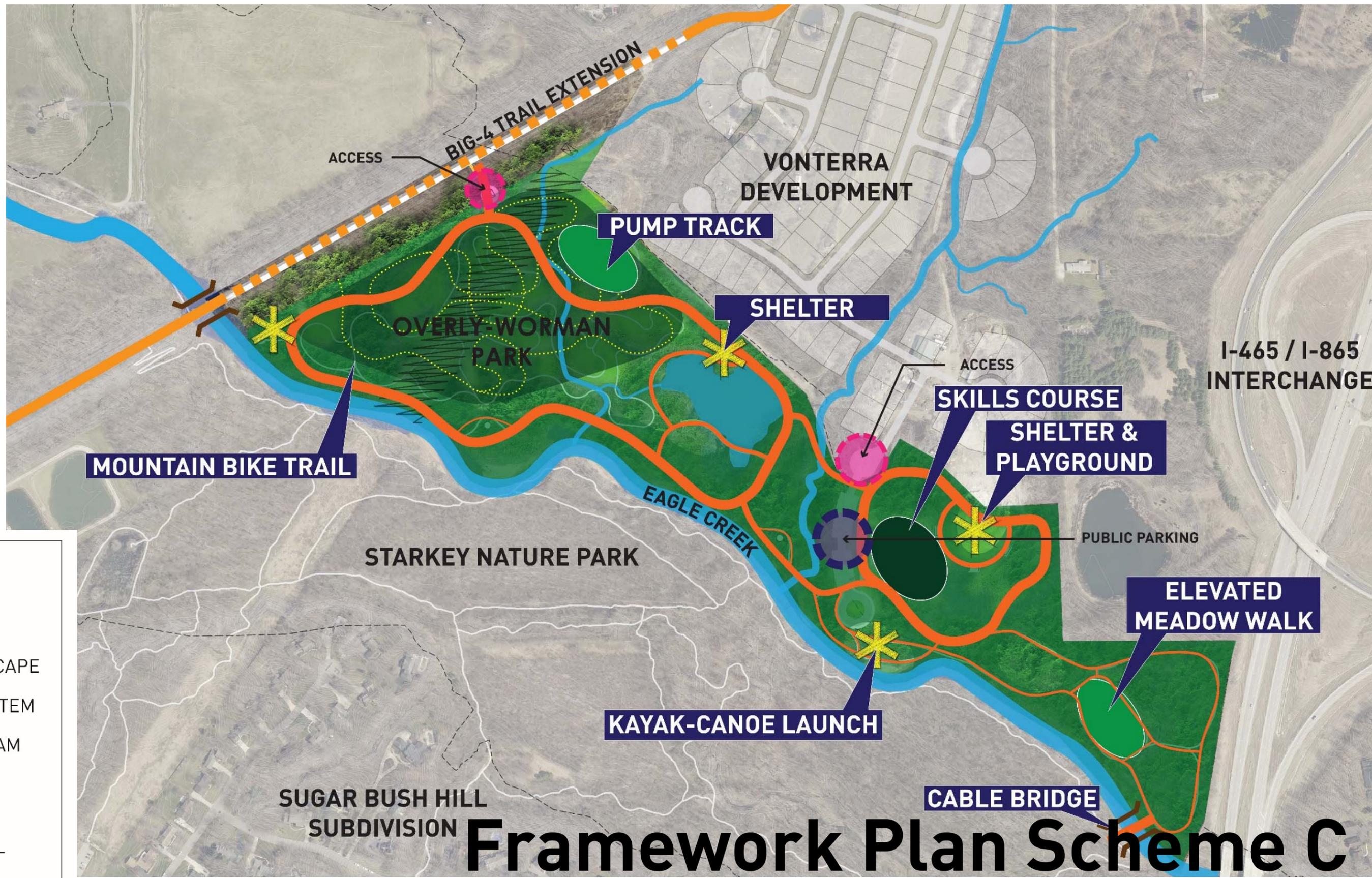


# MAP LEGEND

- ① PARK ACCESS
- ② PAVED MULTI-USE TRAILS
- ③ MOUNTAIN BIKE TRAILS
- ④ HIKING TRAILS
- ⑤ DUAL USE TRAILS
- ⑥ PUMP TRACK
- ⑦ BEGINNER SKILLS COURSE
- ⑧ BOARDWALK
- ⑨ FISHING PIER
- ⑩ CABLE BRIDGE
- ⑪ TREE TROT
- ⑫ KAYAK/CANOE LAUNCH
- ⑬ BIG FOUR RAIL TRAIL EXTENSION
- ⑭ PARKING
- ⑮ RESTROOMS
- ⑯ SHELTER/PICNIC AREA
- ⑰ PLAY AREA
- ⑱ OBSERVATION TOWER
- ⑲ DISC GOLF COURSE
- ⑳ EARTH FORMS

# Scheme B





# Framework Plan Scheme C

# MAP LEGEND

- ① PARK ACCESS
- ② PAVED MULTI-USE TRAILS
- ③ MOUNTAIN BIKE TRAILS
- ④ HIKING TRAILS
- ⑤ DUAL USE TRAILS
- ⑥ PUMP TRACK
- ⑦ BEGINNER SKILLS COURSE
- ⑧ BOARDWALK
- ⑨ FISHING PIER
- ⑩ CABLE BRIDGE
- ⑪ TREE TROT
- ⑫ KAYAK/CANOE LAUNCH
- ⑬ BIG FOUR RAIL TRAIL EXTENSION
- ⑭ PARKING
- ⑮ RESTROOMS
- ⑯ SHELTER/PICNIC AREA
- ⑰ PLAY AREA
- ⑱ OBSERVATION POINT
- ⑲ ELEVATED MEADOW WALK
- ⑳ EARTH FORMS

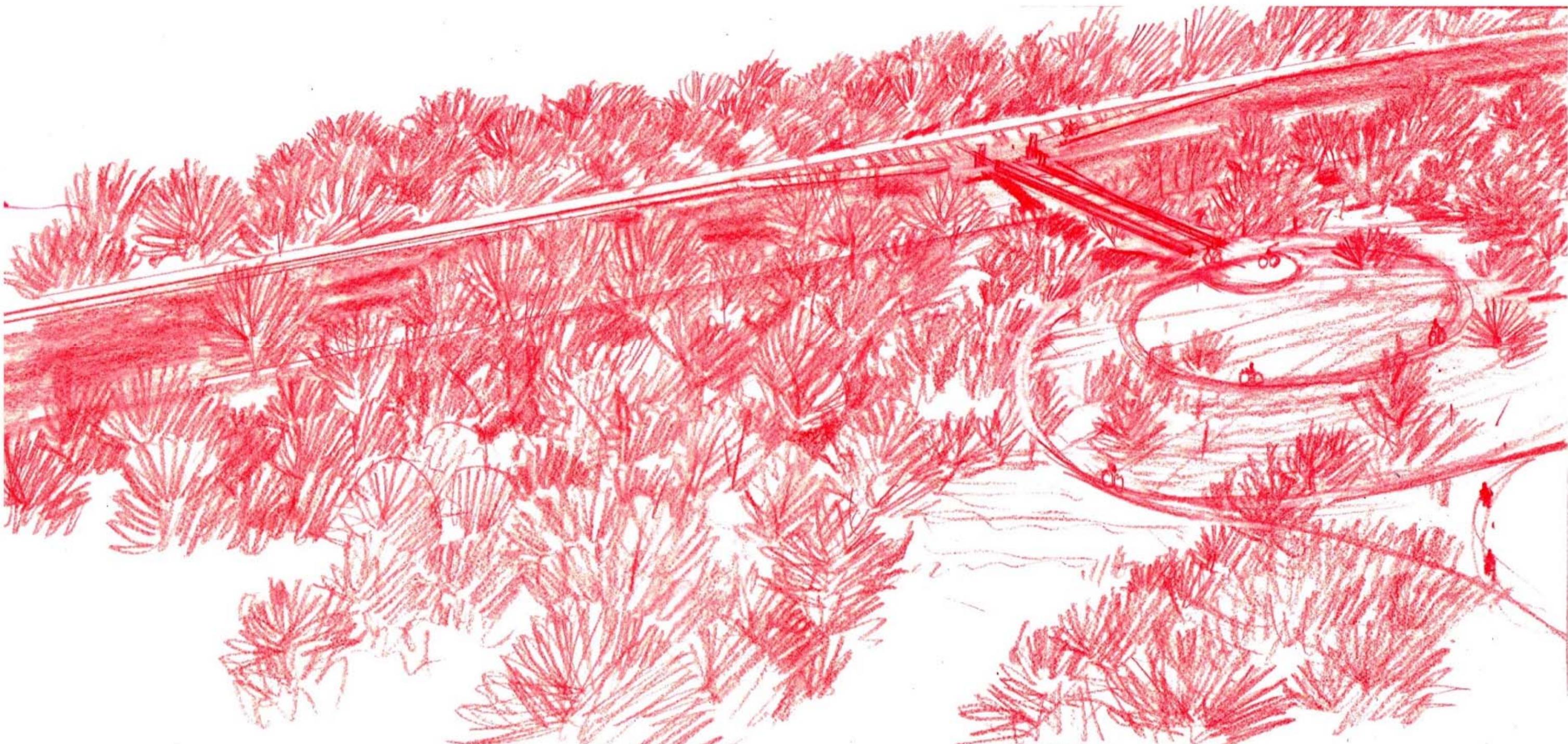
# Scheme C





*Big-Four Rail Trail  
across 100' Bridge*

**Big-4 Rail Trail Across 100' Bridge**



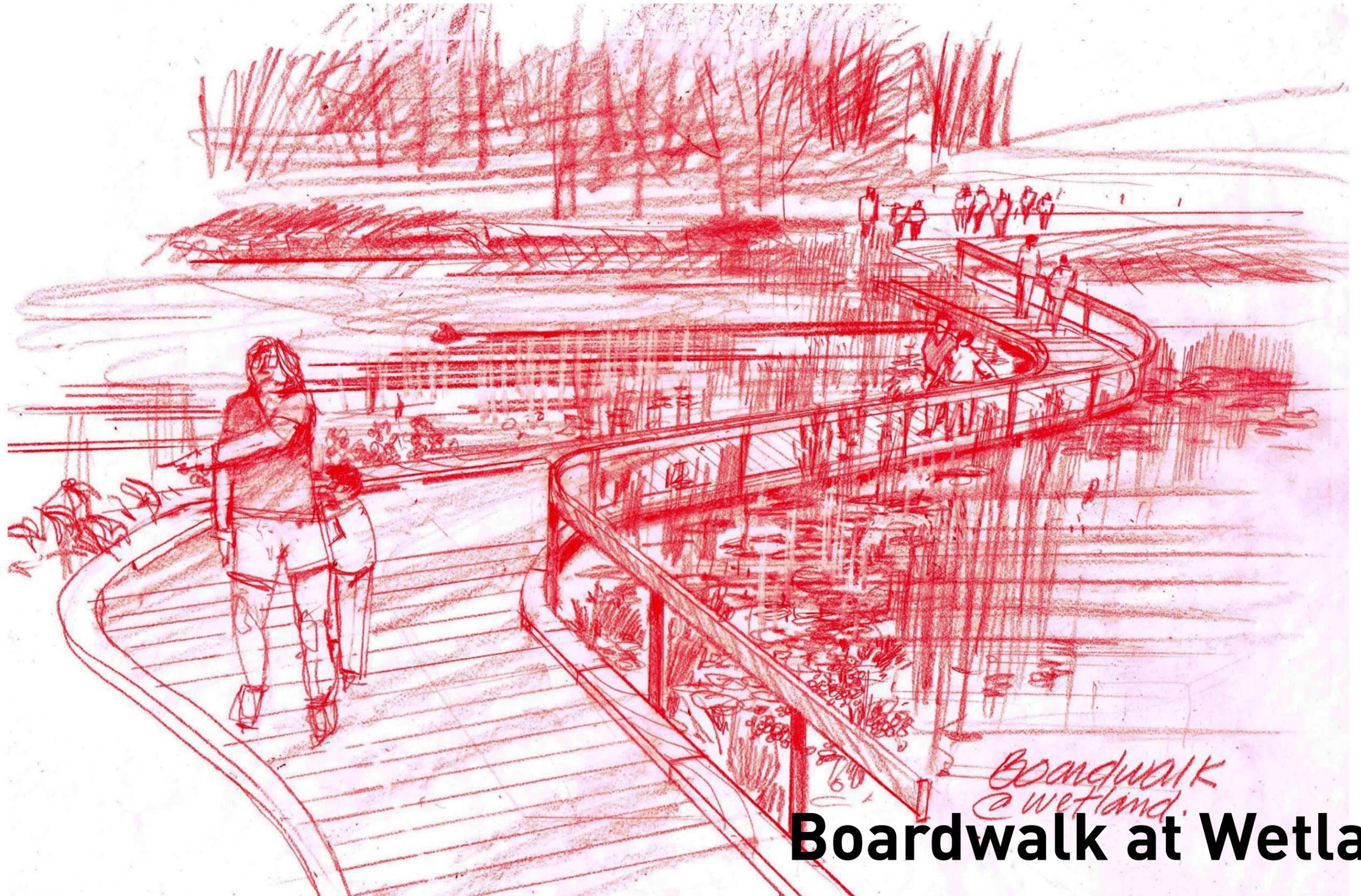
**Park Access from Rail Trail**



**Cable Bridge from Big-4 Rail-Trail**



# Mountain Bike Trails



**Boardwalk at Wetland**



**Cable Bridge Over Eagle Creek**



*Tree Trot System*  
**Tree Trot System**



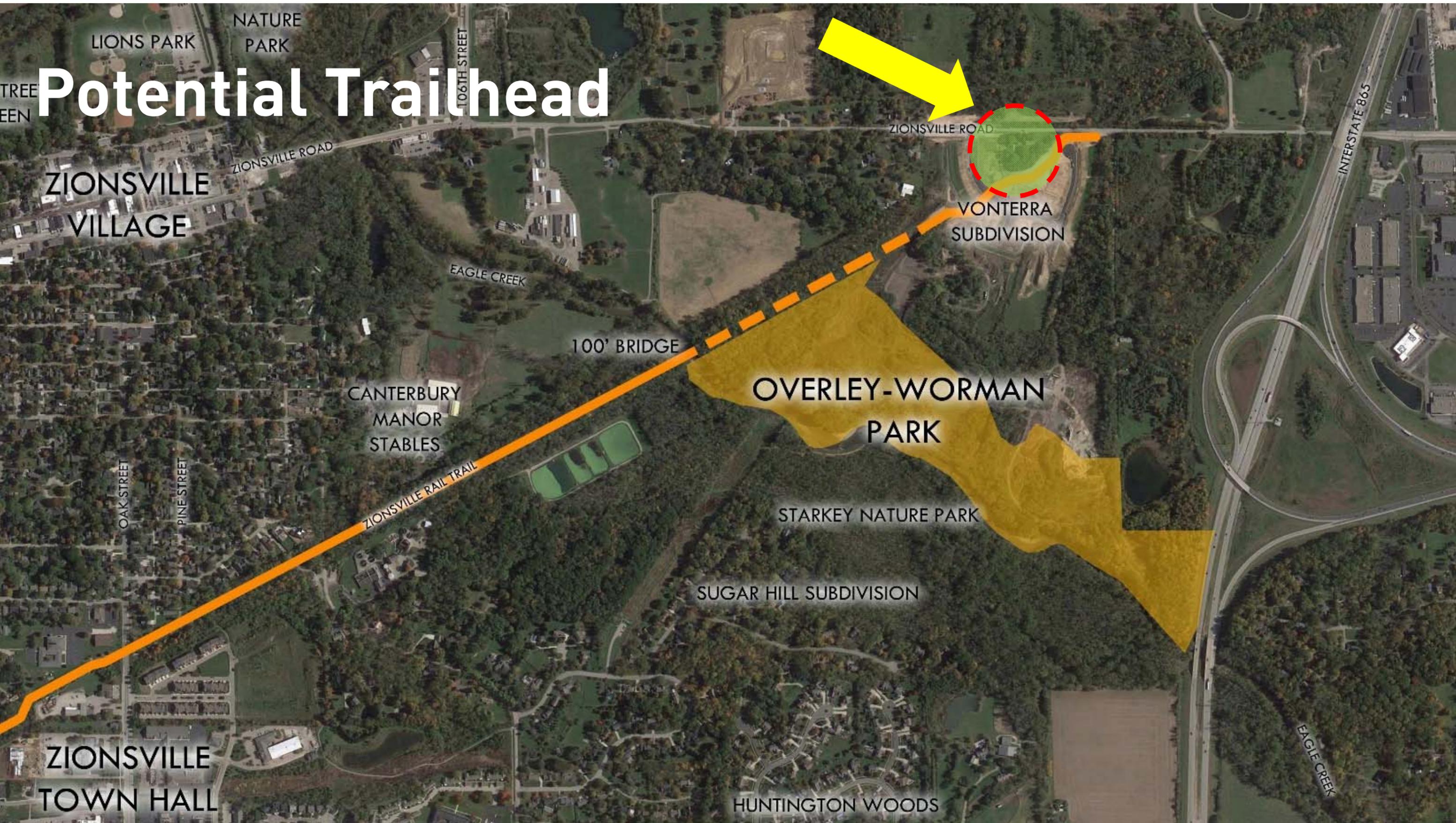
**Park and Play**

*Parking*



**Disc Golf**

# Potential Trailhead



ZIONSVILLE  
TOWN HALL

ZIONSVILLE  
VILLAGE

OVERLEY-WORMAN  
PARK

VONTERRA  
SUBDIVISION

STARKEY NATURE PARK

SUGAR HILL SUBDIVISION

HUNTINGTON WOODS

ZIONSVILLE ROAD

INTERSTATE 865

100' BRIDGE

CANTERBURY  
MANOR  
STABLES

ZIONSVILLE RAIL TRAIL

EAGLE CREEK

EAGLE CREEK

NATURE  
PARK

LIONS PARK

TREE  
EEN

OAK STREET

PINE STREET

106TH STREET

# MAP LEGEND

- ① PARKING
- ② RESTROOMS
- ③ BIG FOUR RAIL TRAIL ACCESS
- ④ ZIONSVILLE ROAD CROSSING
- ⑤ EMERGENCY ACCESS ONLY



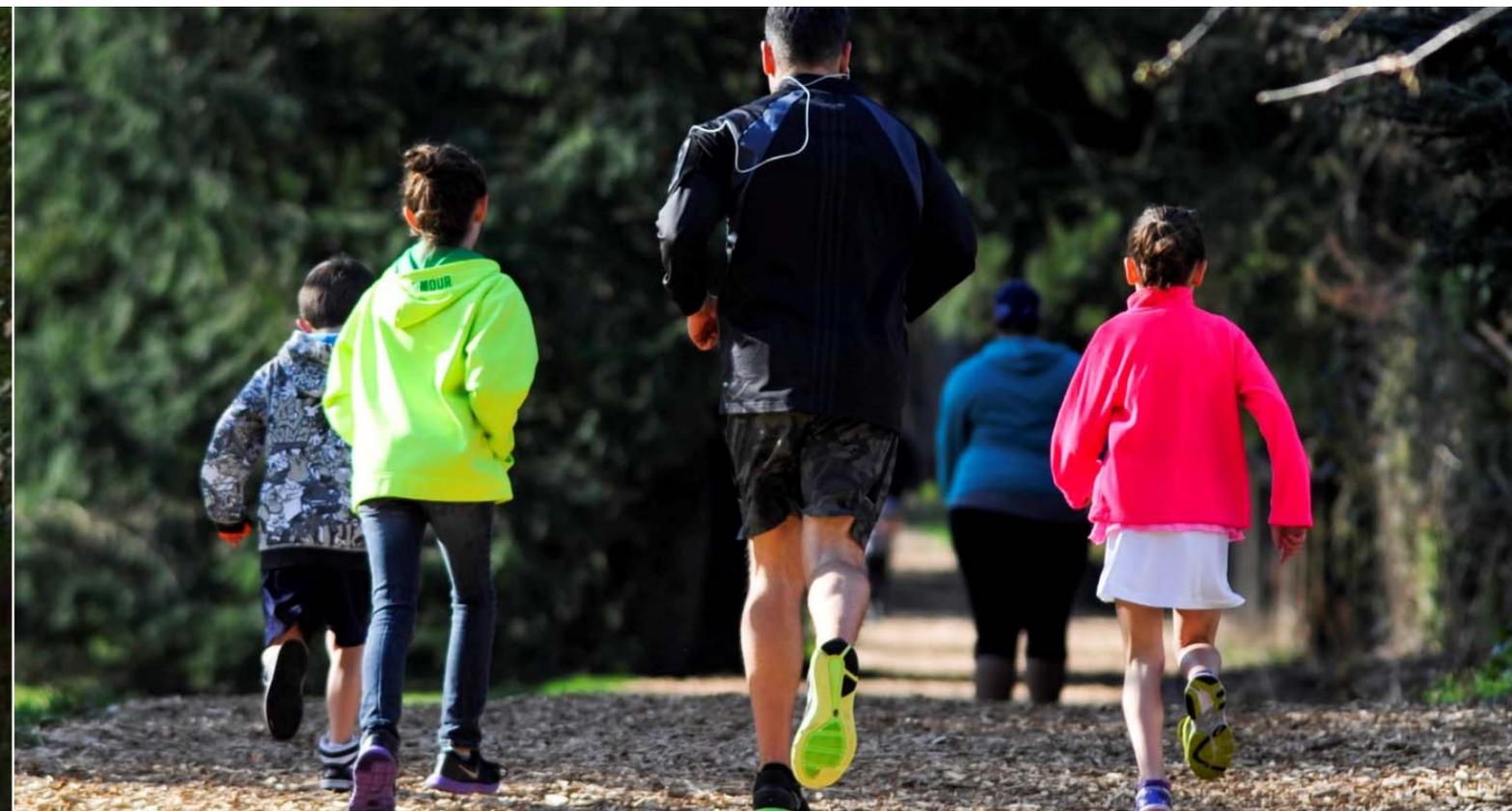
# Zionsville Road Trailhead Concept



# Mountain Bike Trails



# Trail Running

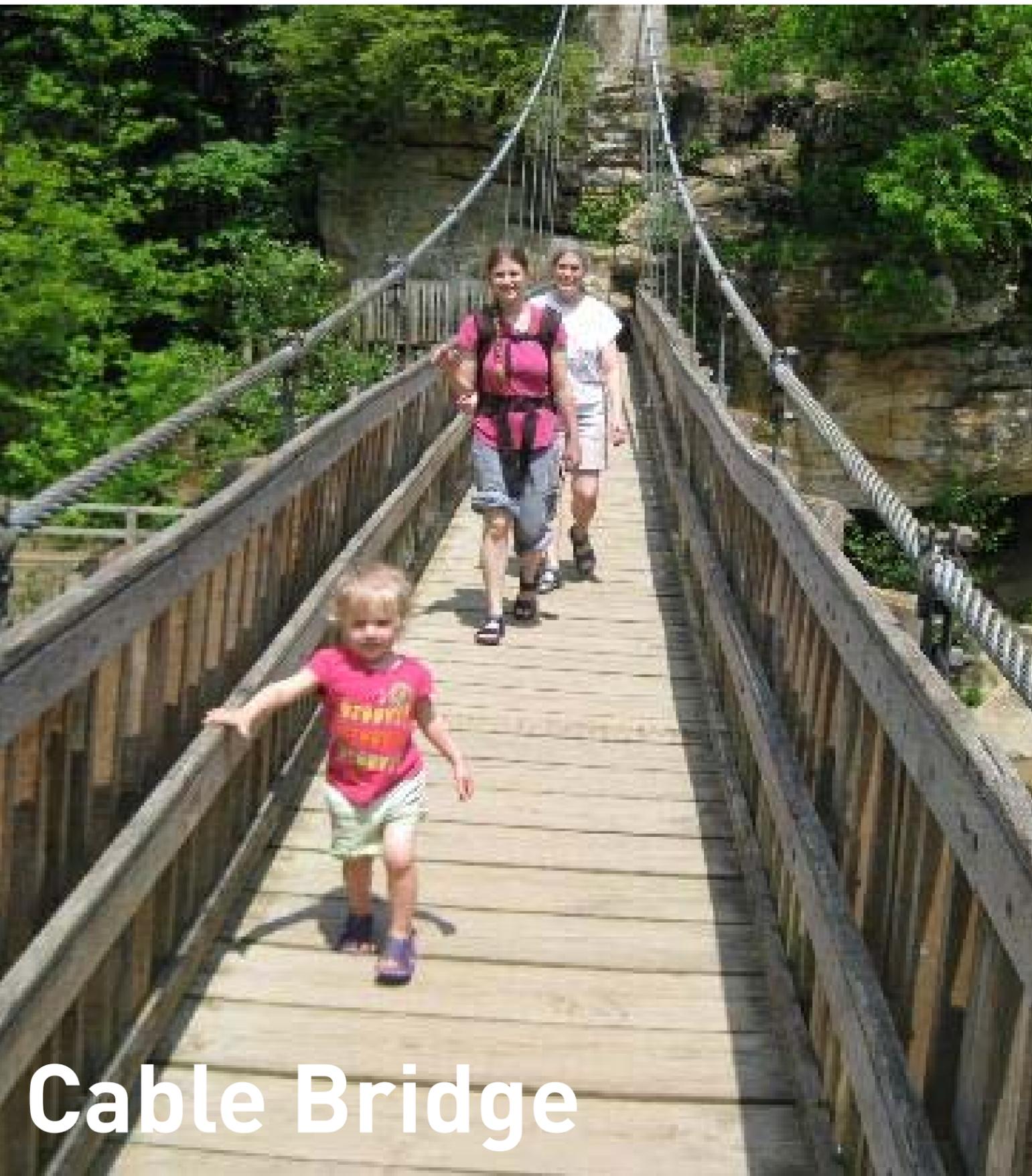




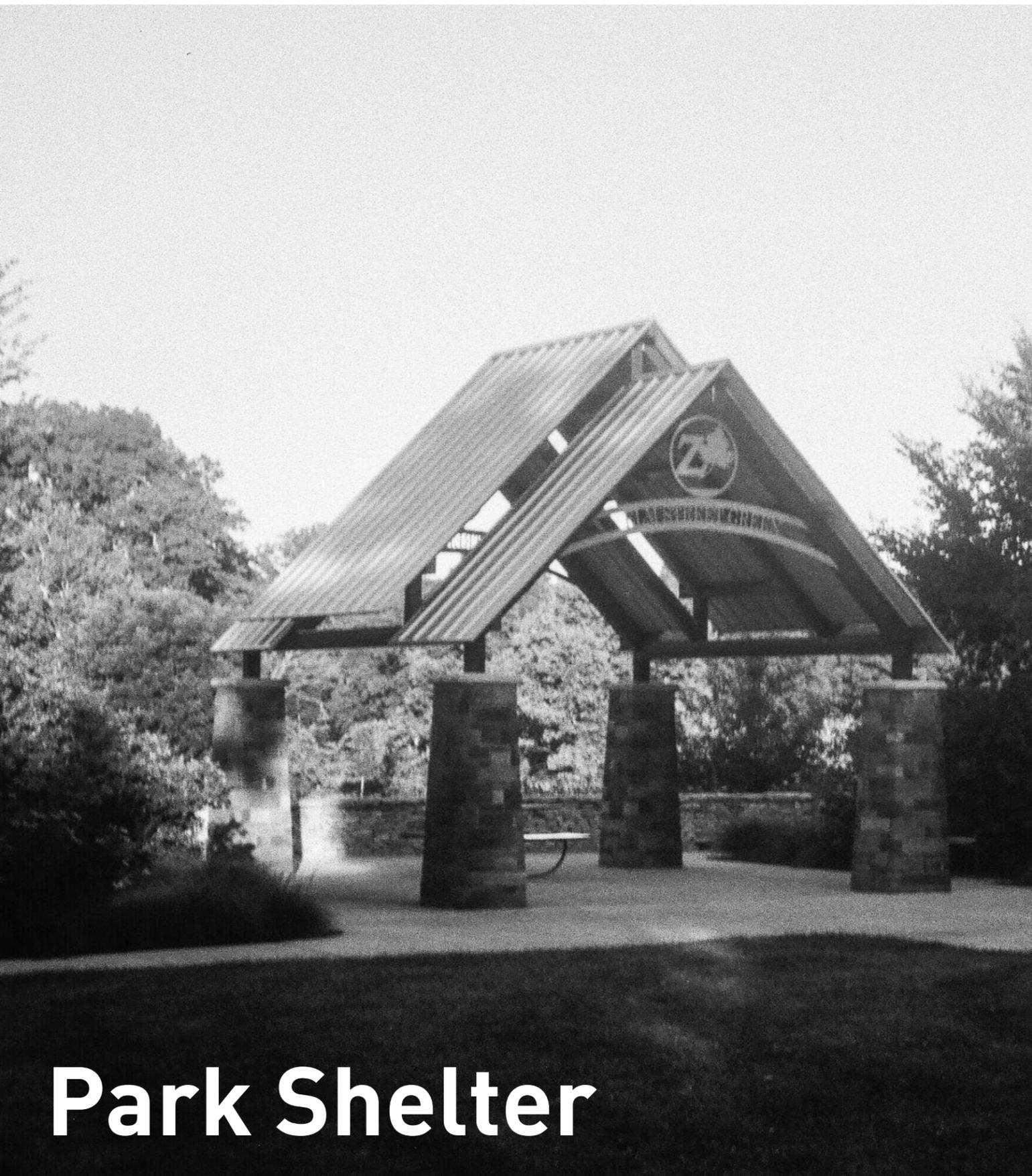
**Mountain Bike Skills Course**



**Pump Track**



Cable Bridge



**Park Shelter**

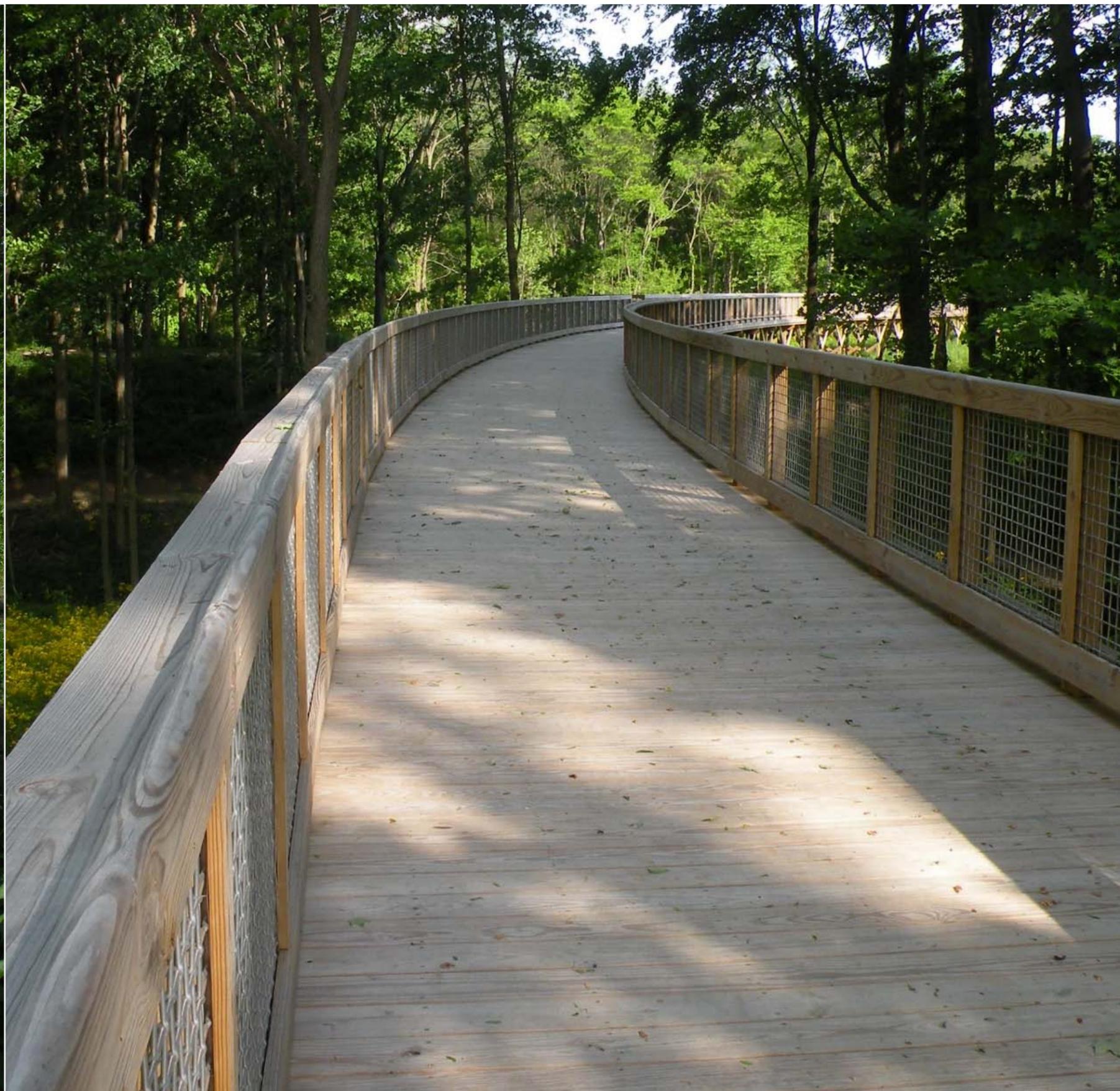




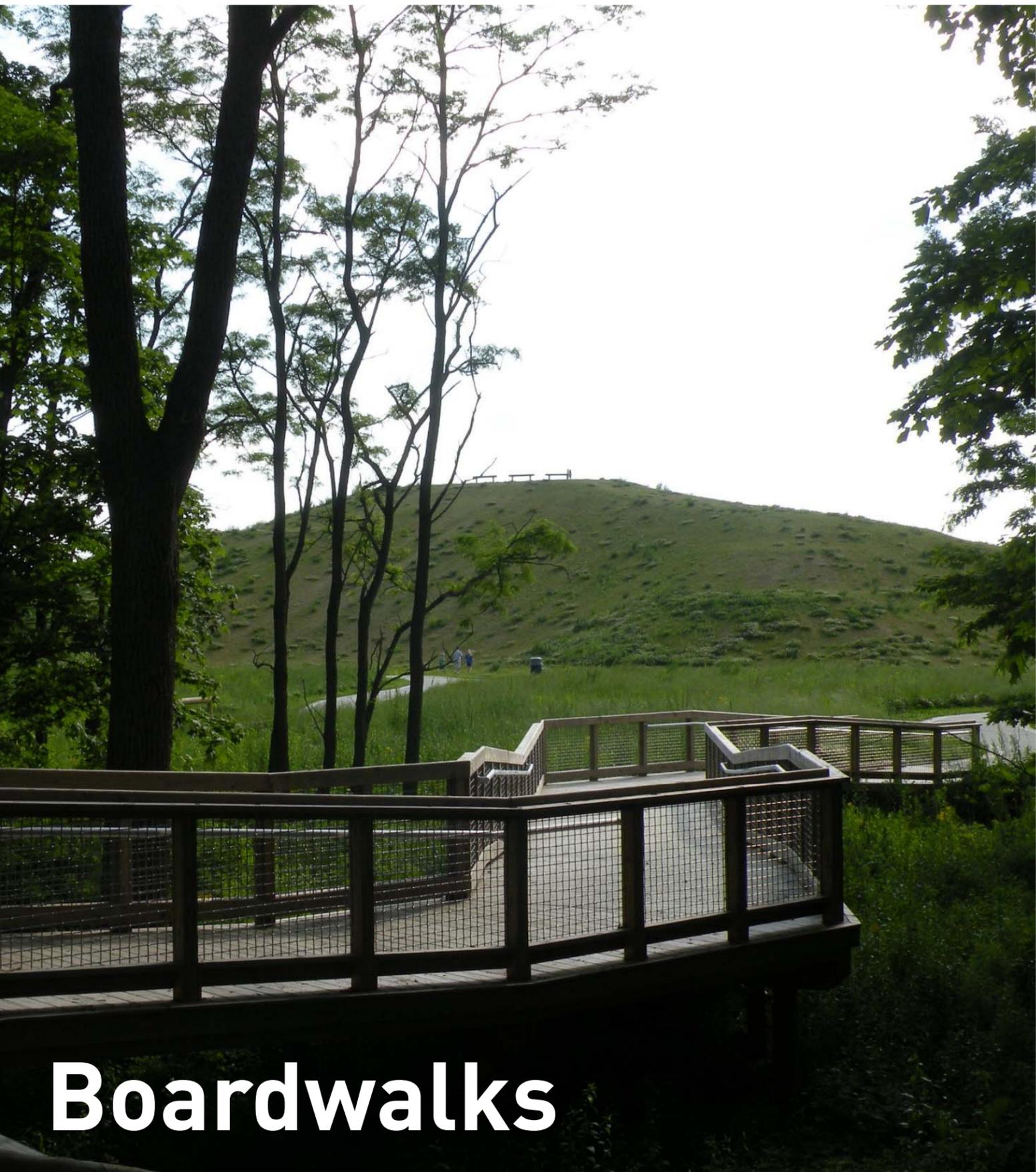
# Restrooms / Shelter



**Parking / Play / Picnic Area**



**Boardwalks**



**Boardwalks**





Fishing Pier



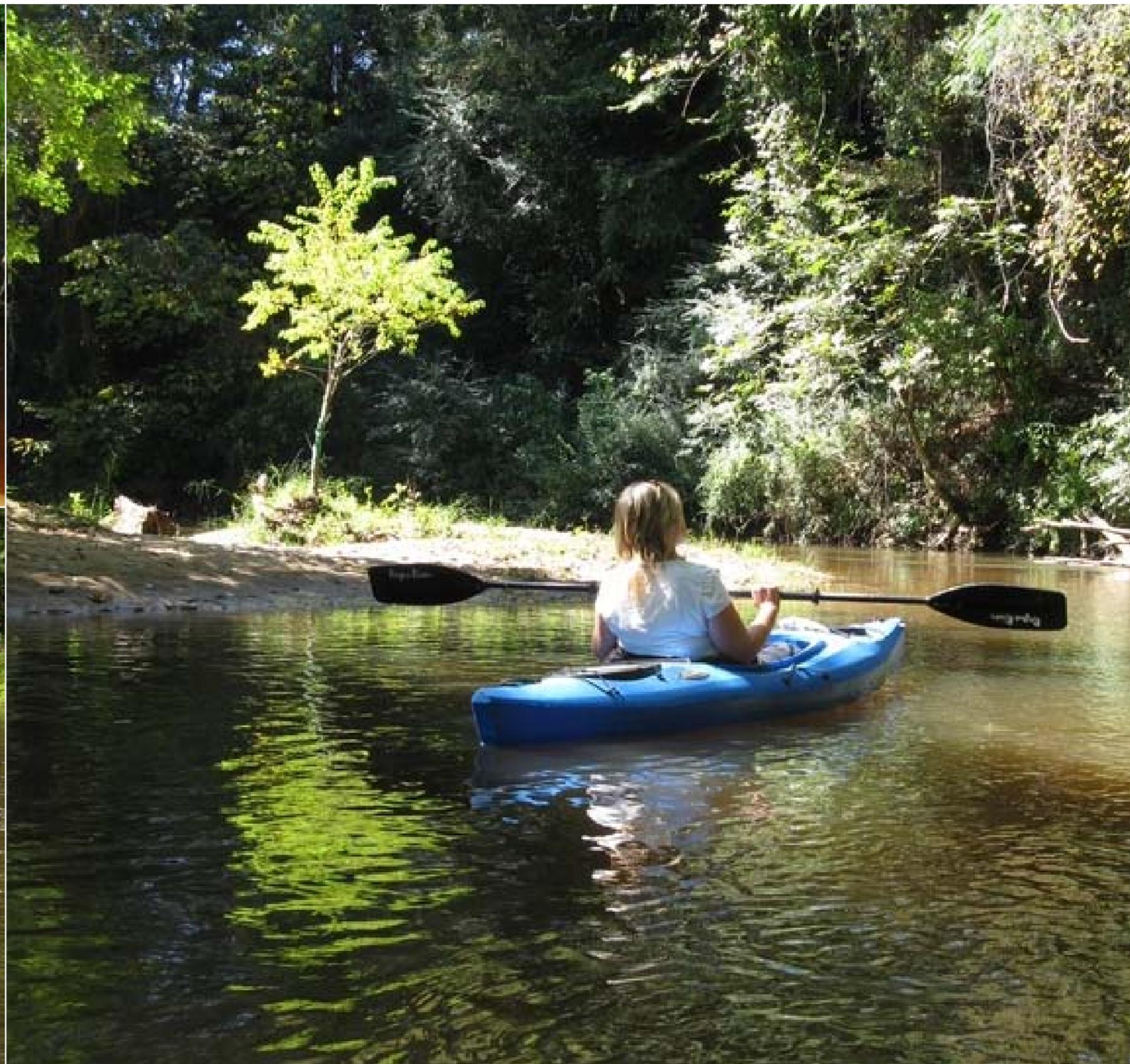
POND RULES

- NO SWIMMING-NO WADING
- NO MOTORIZED WATERCRAFT
- NO DUMPING
- PLEASE CATCH & RELEASE
- NO DOGS OR PETS IN POND

FISH SPECIES

|   |  |
|---|--|
| <p><b>BLUEGILL</b><br/>The bluegill is a member of the sunfish family. It is native to the eastern United States and is found in ponds, lakes, and streams. It is a popular sport fish and is known for its colorful scales. They can grow up to 12 inches long and weigh about 4.5 pounds.</p> | <p><b>LARGEMOUTH BASS</b><br/>The largemouth bass is a popular sport fish found in the Flat Fork Creek. It is an olive green to dark blue fish, usually with a lighter lateral stripe. They have a large mouth and are known for their fighting ability. The largemouth bass has a maximum length of 28 inches and an average weight of 2.4 pounds. The fish live to over 10 years of age.</p> |
| <p><b>CHANNEL CATFISH</b><br/>Channel catfish are found in the Flat Fork Creek. They have a long, slender body and a large mouth. They are known for their fighting ability and are a popular sport fish. They can grow up to 30 inches long and weigh up to 15 pounds.</p>                     | <p><b>REDEAR SUNFISH</b><br/>The redear sunfish is a freshwater fish native to the eastern United States. It is a popular sport fish and is known for its distinctive red ear flap. They are found in ponds, lakes, and streams. They can grow up to 12 inches long and weigh up to 4 pounds.</p>  |
| <p><b>GRASS CARP</b><br/>The grass carp is a freshwater fish that can be found in the Flat Fork Creek. It is a popular sport fish and is known for its fighting ability. They are found in ponds, lakes, and streams. They can grow up to 30 inches long and weigh up to 15 pounds.</p>         |  |





**Creek Access**



**Earthworks**

An aerial photograph of a park area with various labels overlaid. The labels include 'VONTERRA SUBDIVISION' at the top, 'OVERLEY-WORMAN PARK' in the center, 'STARKEY NATURE PARK' in two locations (bottom left and bottom right), and 'INTERSTATE 865' on the right side. A road on the left is labeled 'ZONSVILLE HALL TRAIL'. The main title 'OVERLEY-WORMAN PARK MASTER PLAN' is prominently displayed in the upper left quadrant.

# OVERLEY-WORMAN PARK MASTER PLAN

*Comments? Feedback?*

DESIGN WORKSHOP PRESENTATION  
MARCH 9, 2017