

CITY OF KNOXVILLE

URBAN WILDERNESS GATEWAY PARK

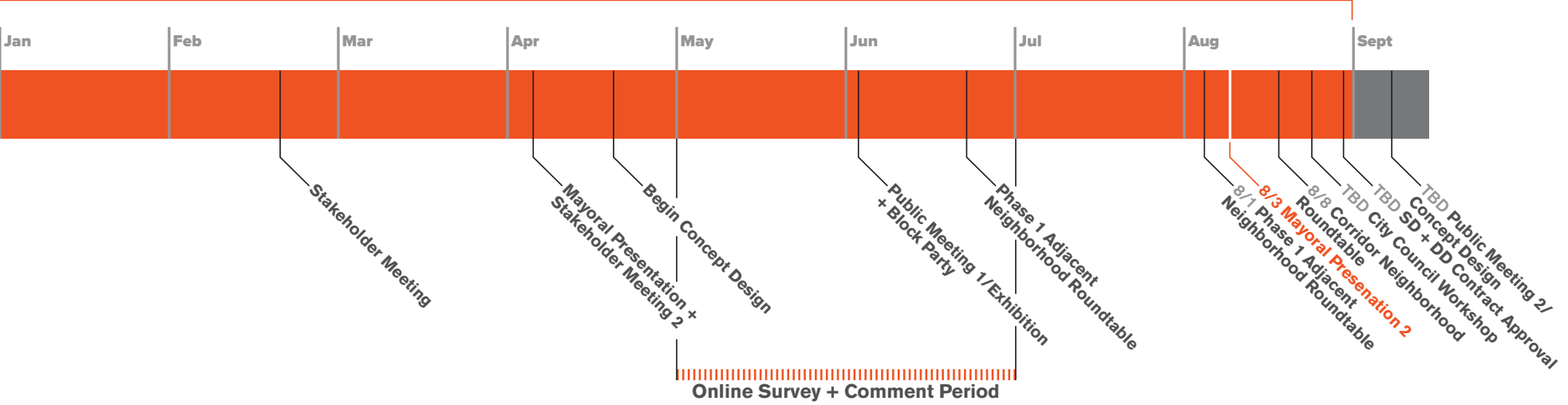
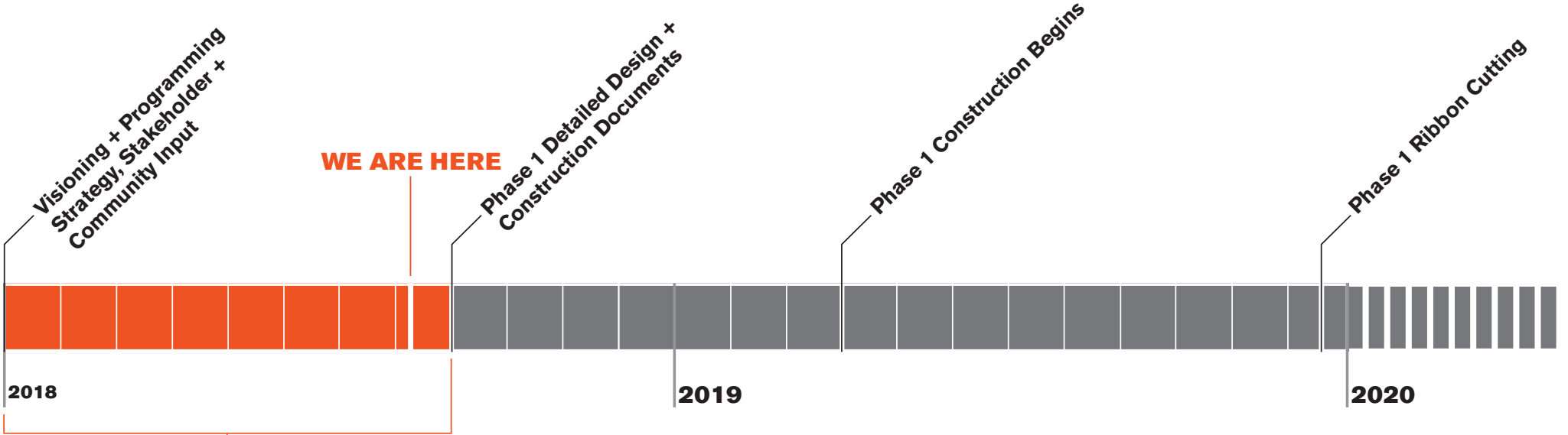
Vision, Framework + Concept Design

Presented: August 8, 2018

V&M | port | SANDERS PACE ARCHITECTURE

EQUINOX | GRESHAM SMITH AND PARTNERS

URBAN WILDERNESS GATEWAY PARK PROJECT SCHEDULE





Outreach + Engagement

STAKEHOLDER WORKSHOPS

Top Project Priorities:

Appalachian Mountain Bike Club (AMBC)

- Constant progress, early wins and maintaining momentum on near and long-term project phases.

Aslan Foundation

- Connecting the Urban Wilderness Gateway and James White Parkway to the Battlefield Loop.

Ijams Nature Center

- Educational components, signage and wayfinding.

Legacy Parks Foundation

- Connectivity; How can a visitor park their car and leave it for the full day? This requires being able to easily get to food and activities.

Knox County Parks & Recreation

- Traffic flow that facilitates the extra load that will happen when events are being held at the BMX course.

Baker Creek Bottoms

- A strategic plan for public infrastructure in the area.

Framework Plan Feedback:

Appalachian Mountain Bike Club (AMBC)

- Very supportive of transforming the James White Parkway into a bike-friendly corridor, and making connections from Baker Creek to the River.

Aslan Foundation

- Very supportive of a green corridor for biking and driving.

Ijams Nature Center

- Volunteered to assist in developing an educational/ interpretive overlay for the project, and to be involved early in the project to ensure successful programming and coordination with their Learning Center and other local institutions

Legacy Parks Foundation

- Very supportive of the park starting north of the river and urged the design team and city to strongly vocalize the importance of this part of the project.

Knox County Parks & Recreation

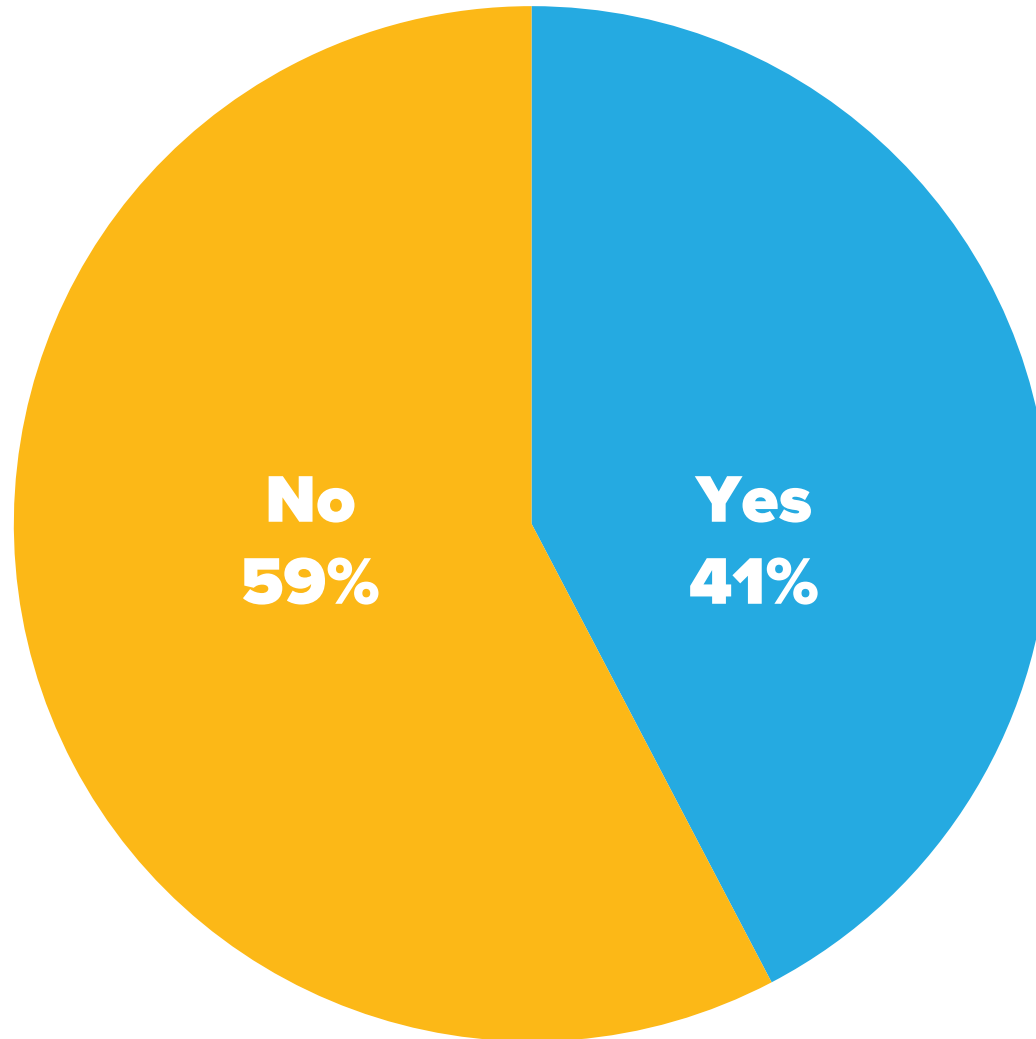
- Supportive of a strong, singular identity for the Gateway project and other UW sites, so visitors know immediately they are in the UW system.

Baker Creek Bottoms

- Anticipated annual visitor volume to the future Baker Creek Bottoms development between 400K and 1M. The area will need increased parking capacity to handle UWG and BCB visitors.

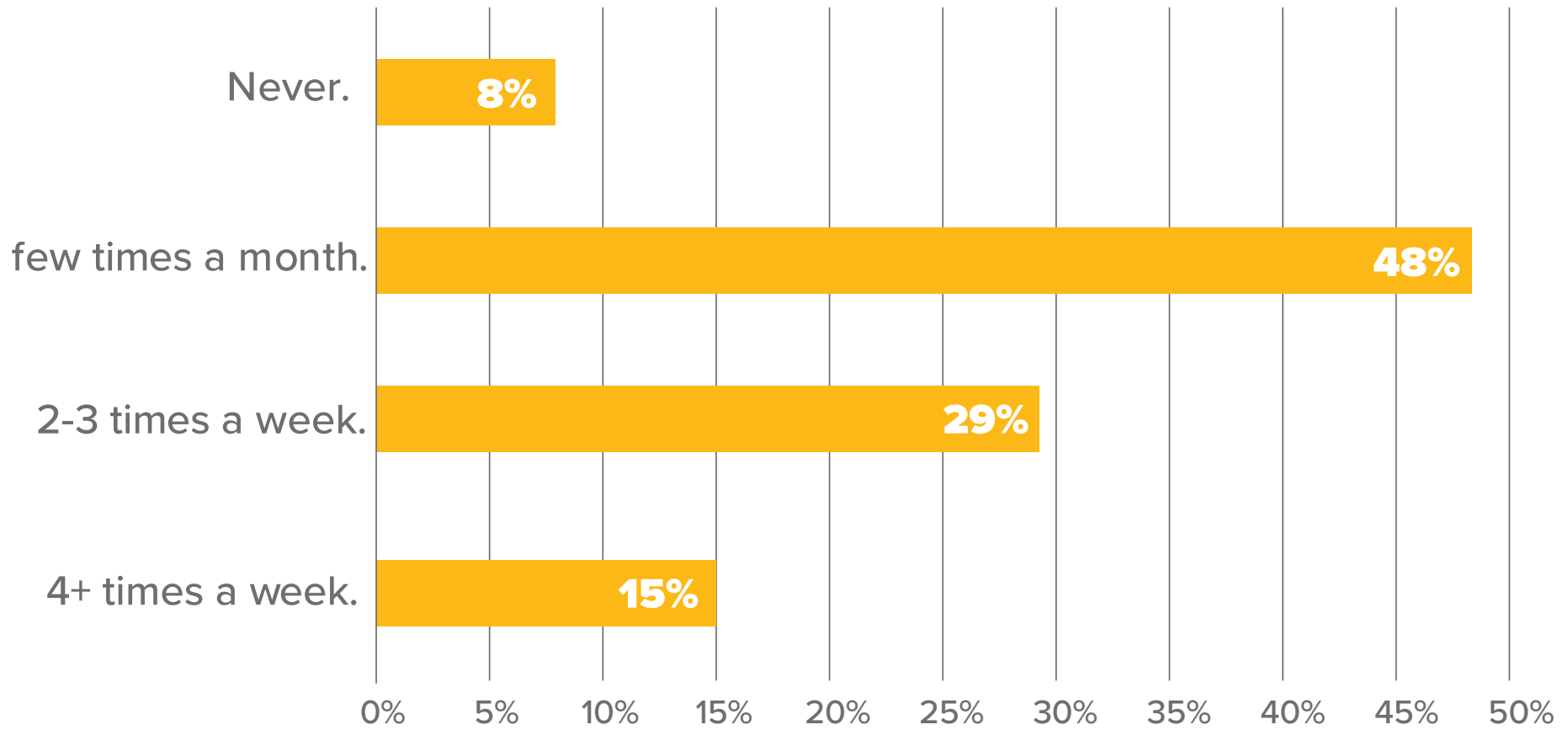
ONLINE SURVEY

Question 1: Do you live in South Knoxville?



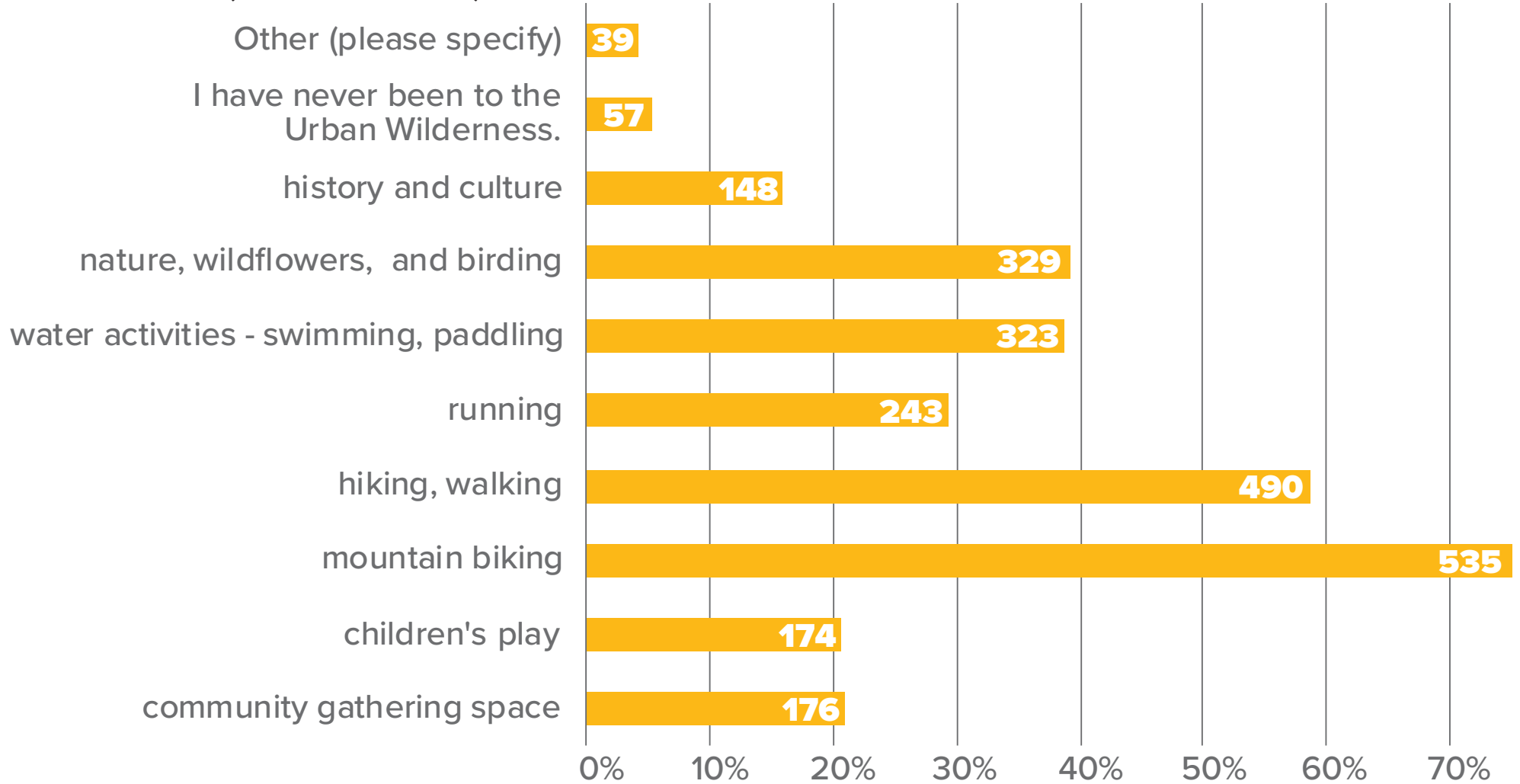
ONLINE SURVEY

Question 2: How often do you use the Urban Wilderness or any other parks, trails, and greenways in South Knoxville?



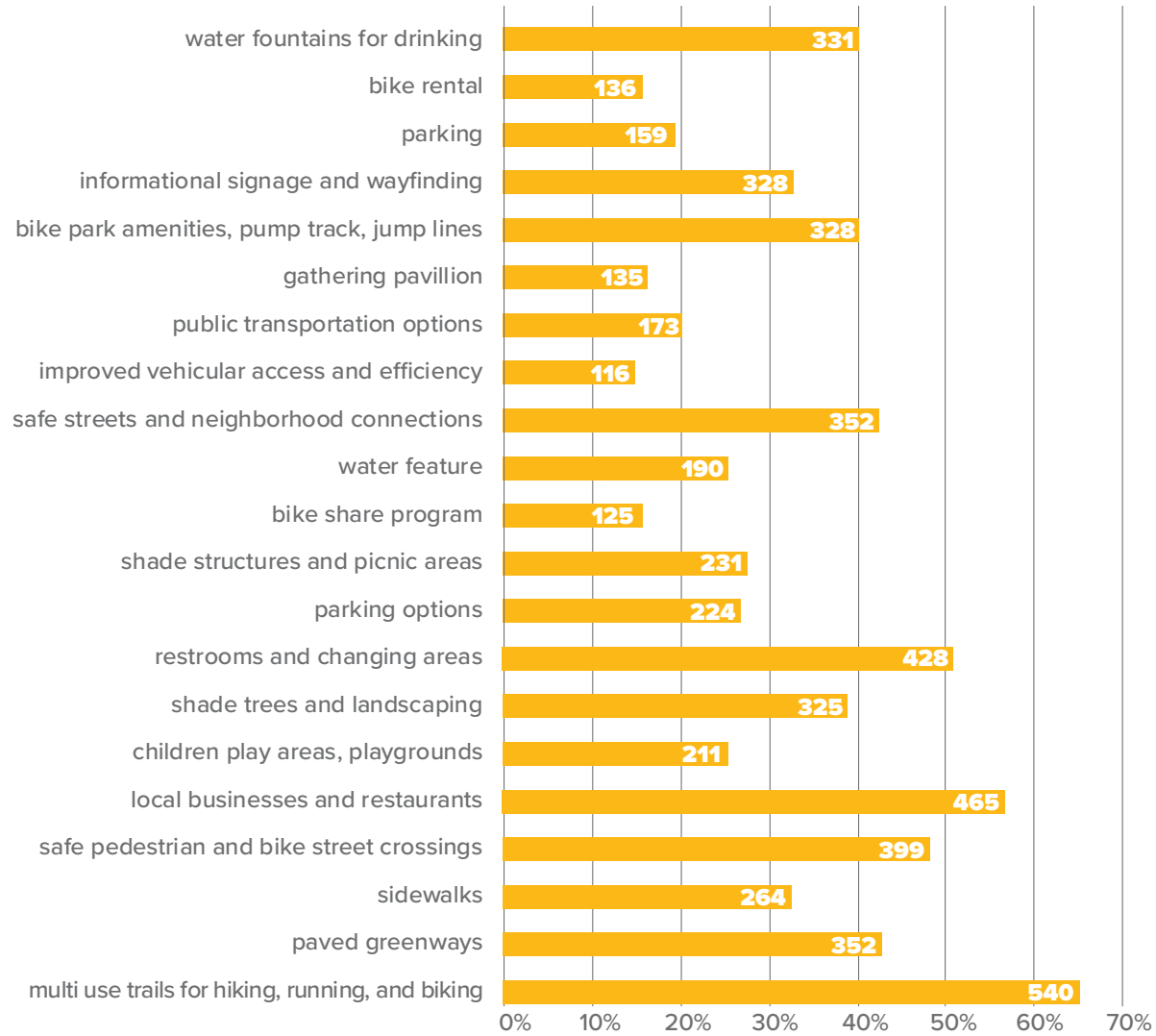
ONLINE SURVEY

Question 3: What are your favorite experiences in the Urban Wilderness? (choose at least one)



ONLINE SURVEY

**Question 4: What would you like to see more of in this area?
(choose at least one)**



PUBLIC EXHIBITION + BLOCK PARTY



ADDITIONAL COMMUNITY OUTREACH + PAST AND CURRENT PARALLEL PROJECTS

Additional Community Outreach:

Neighborhood Roundtables “Phase One Adjacent Neighborhoods”

- South Haven
- South Woodlawn
- Old Sevier
- Lindbergh Forest
- Councilwoman Stephanie Welch
- COK Office of Neighborhoods

Neighborhood Roundtable “Urban Wilderness Gateway Corridor Neighborhoods”

- Island Home
- Southside Waterfront
- Morningside
- RiverHill Gateway
- Councilwoman Stephanie Welch
- COK Office of Neighborhoods

Baker Creek Area Vision Plan

- COK participation on steering committee

Open Public Meeting

- South Doyle Middle School
- Presentation of Vision Plan and Phase 1 Scope
- Anticipated September 2018

Past and Current Parallel Projects:

South Haven Baker Creek Area Vision Plan

Knoxville’s Urban Wilderness Four-Year Implementation Plan

Knoxville South Waterfront Vision Plan + ongoing projects

Dogwood Outdoor Coalition

- Dogwood Elementary outdoor classroom + trails
- Connection to Lippencott Ridge Park

Lindberg Forest Traffic Calming Initiative

Transportation Planning Organization Chapman Highway Implementation Plan

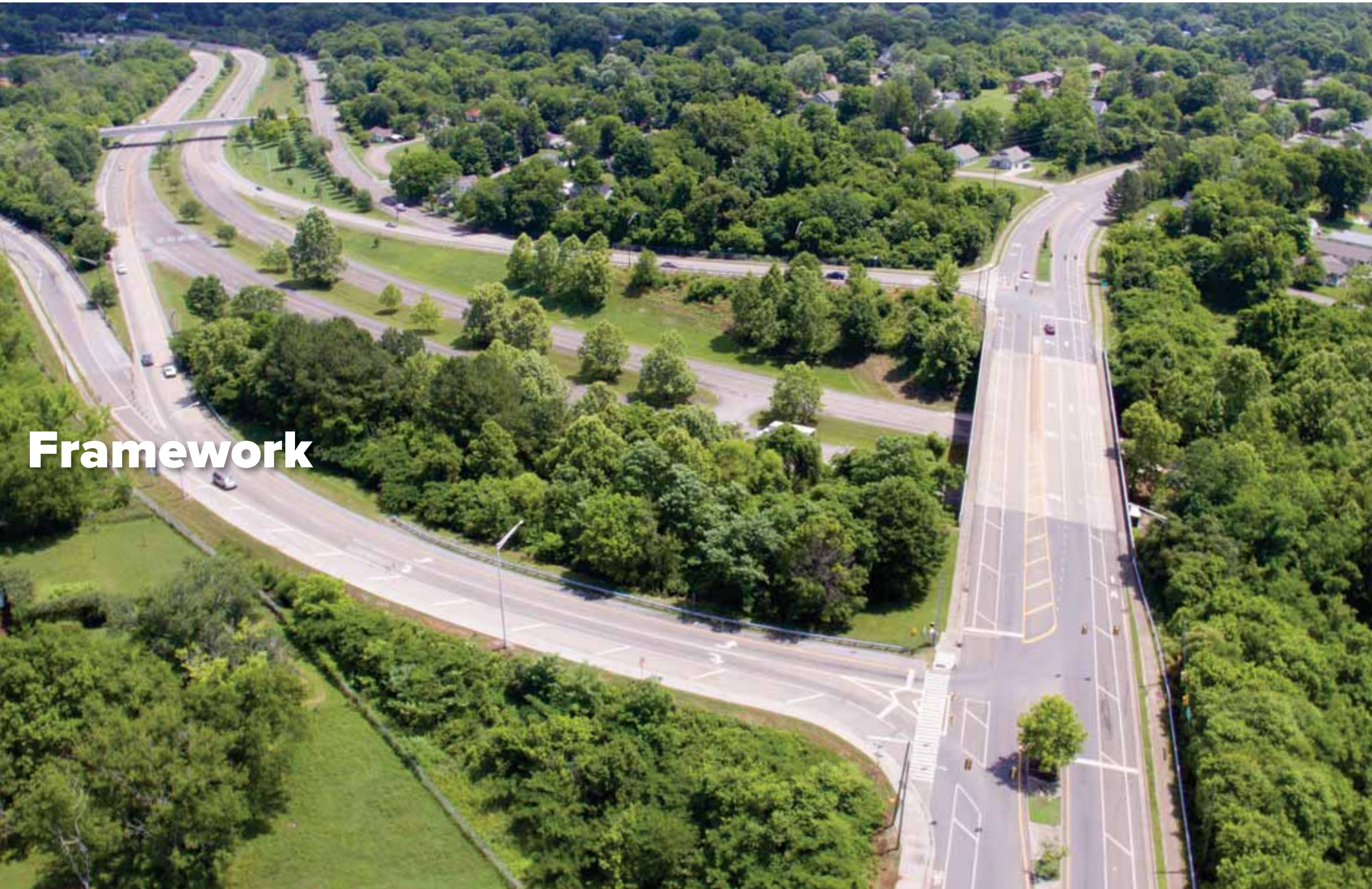
COK/Knoxville Regional Transportation Planning Organization Bicycle Facilities Plan 2015

Aslan Foundation Battlefield Loop Master Plan

Legacy Parks Foundation South Knoxville Linkages Study 2013

South Waterfront Traffic Study

COK James White Parkway Study



Framework

KNOXVILLE'S URBAN WILDERNESS



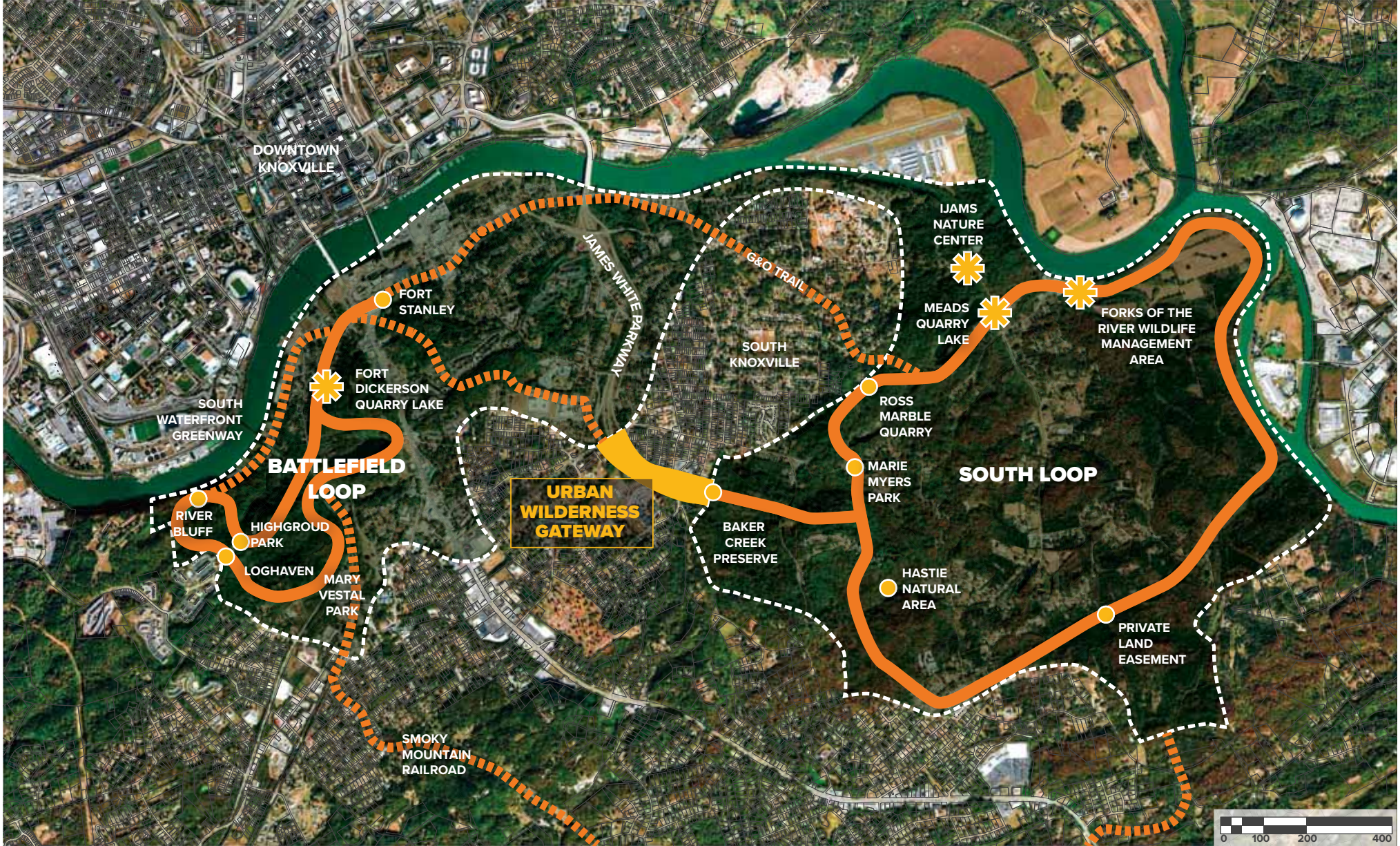
Knoxville's Urban Wilderness has 4 Primary Challenges

- 1) No primary access point**
- 2) Unclear sense of entry & lack of hierarchy**
- 3) Lack of connectivity between the systems / loops**
- 4) Varying identities across the Urban Wilderness sites**

CENTRAL LOCATION OF THE GATEWAY SITE



FUTURE CONNECTIONS BETWEEN THE GATEWAY AND THE LOOPS



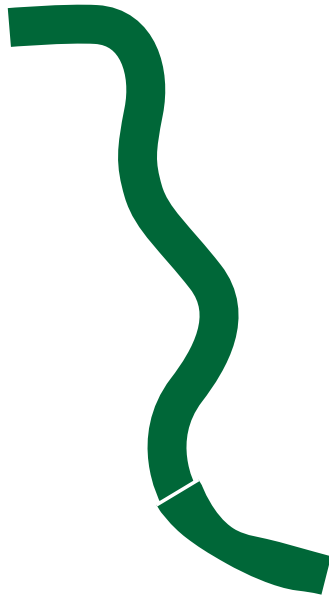
URBAN WILDERNESS GATEWAY AND THE JAMES WHITE PARKWAY



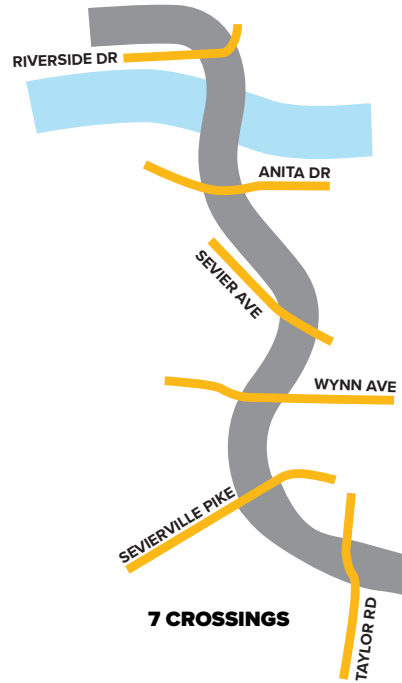
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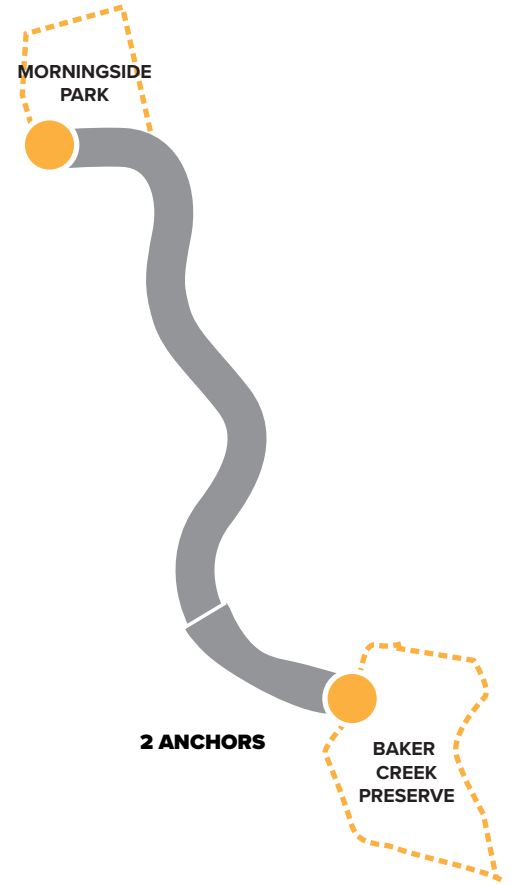
2.2 MILES



113 ACRES



7 CROSSINGS



2 ANCHORS

1. Transform the northbound lanes of James White Parkway into a continuous bike and pedestrian greenway.



2. Create a procession from urban to wild.



3. Define a singular corridor character.



4. Punctuate the corridor with unique moments and experiences.



5. Define key access points and connect to surrounding destinations and neighborhoods.

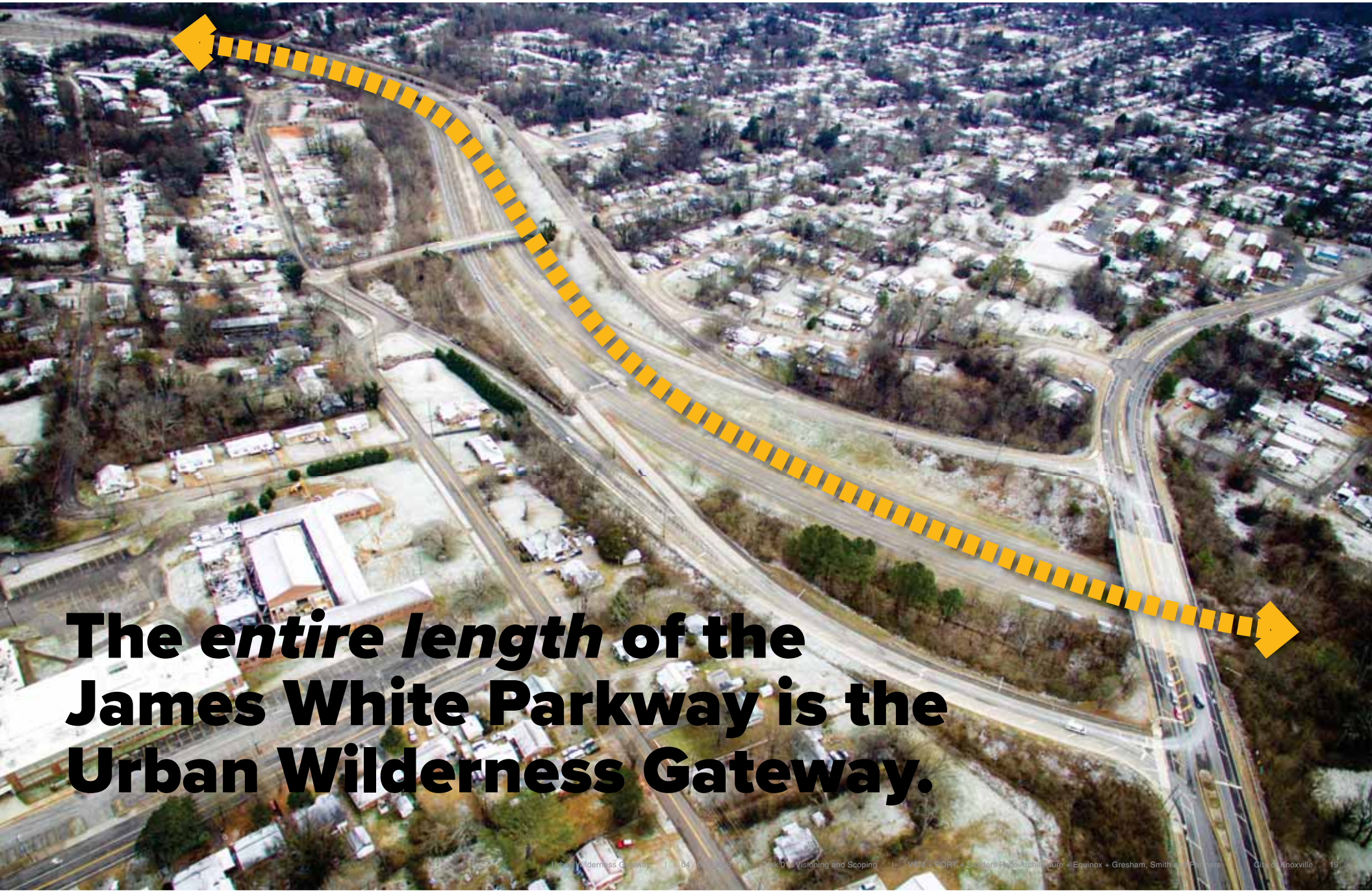


6. Green the corridor.



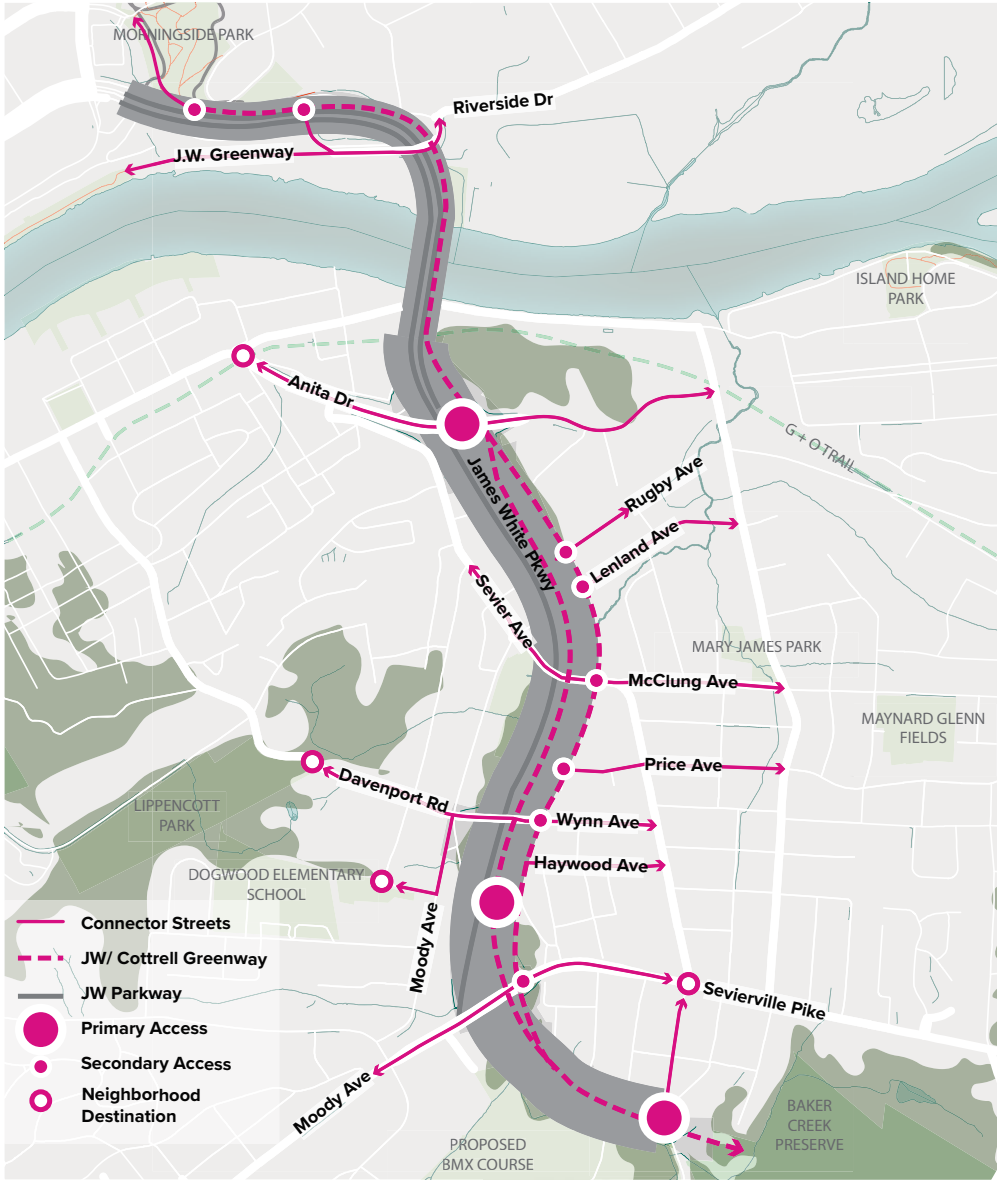


The Urban Wilderness Gateway is more than a single threshold.



The *entire length* of the James White Parkway is the Urban Wilderness Gateway.

ACCESS + CONNECTIONS



PROGRAMMING: CONTINUOUS AMENITIES



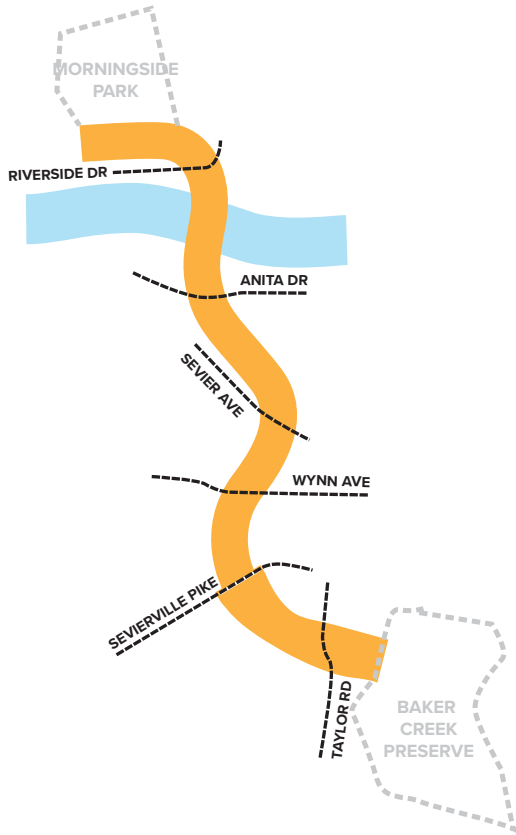
PROGRAMMING: NODES + DESTINATIONS



PROJECT PHASING

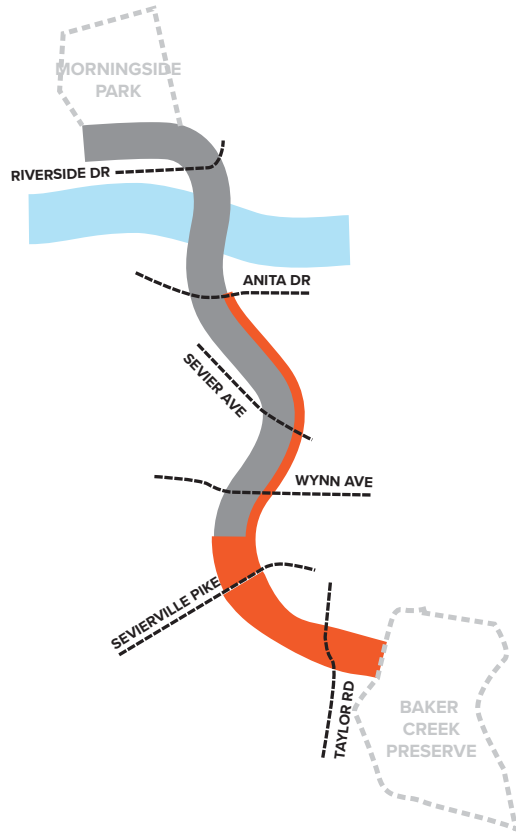
Task 1 + 2

Concept Design
Set Framework and Vision
Identify Priorities & Phasing



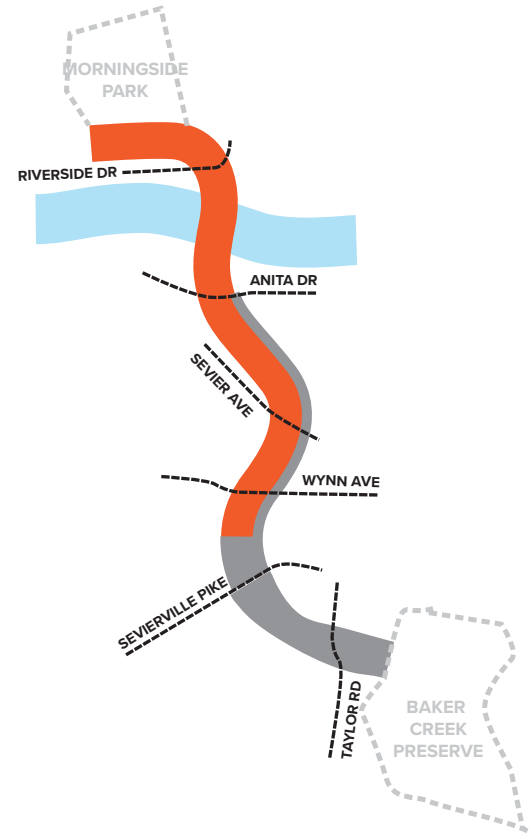
Task 3 + Phase 1

Capital Funding Requested
TDOT Agreement In-Process
Constructed by 2020



Future Phases

Potential Future Work
Funds Not Allocated
Contingent on TDOT Approval

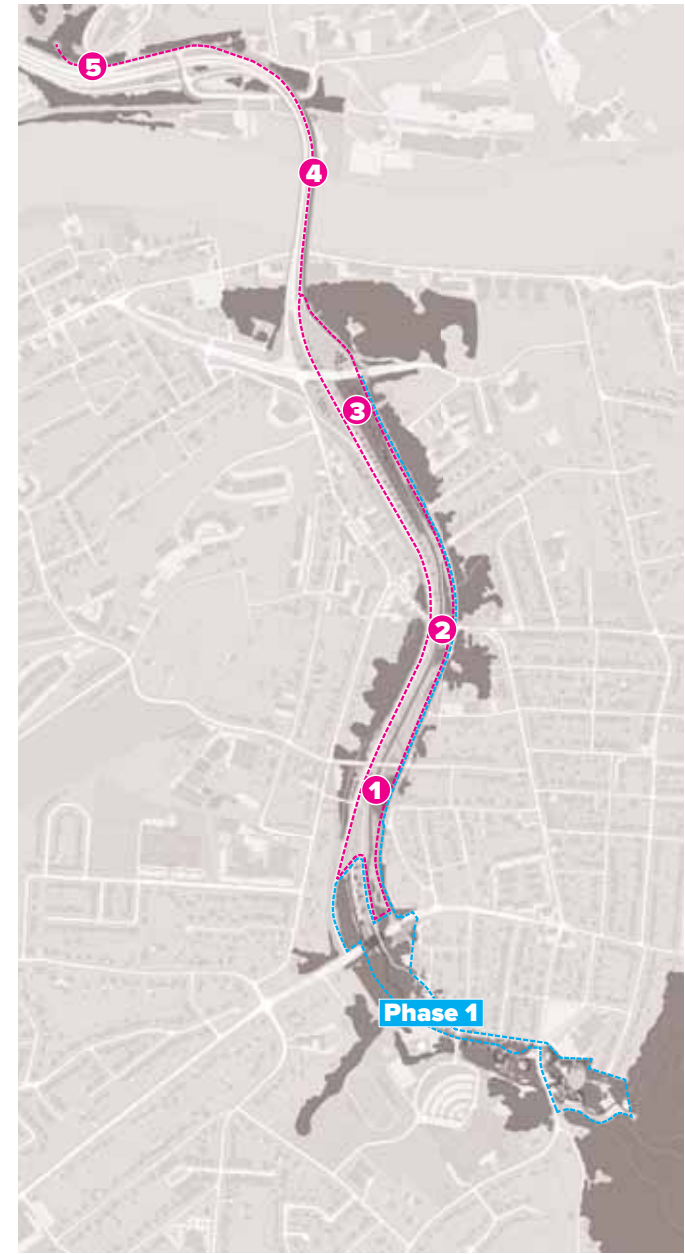




Future Phase Projects

FUTURE PHASE PROJECTS

- 1. James White Parkway Terminus + Wynn Avenue**
- 2. Sevier Avenue**
- 3. Anita Drive**
- 4. James White Parkway Bridge**
- 5. Connection to Morningside Park**



FUTURE PHASE PROJECTS

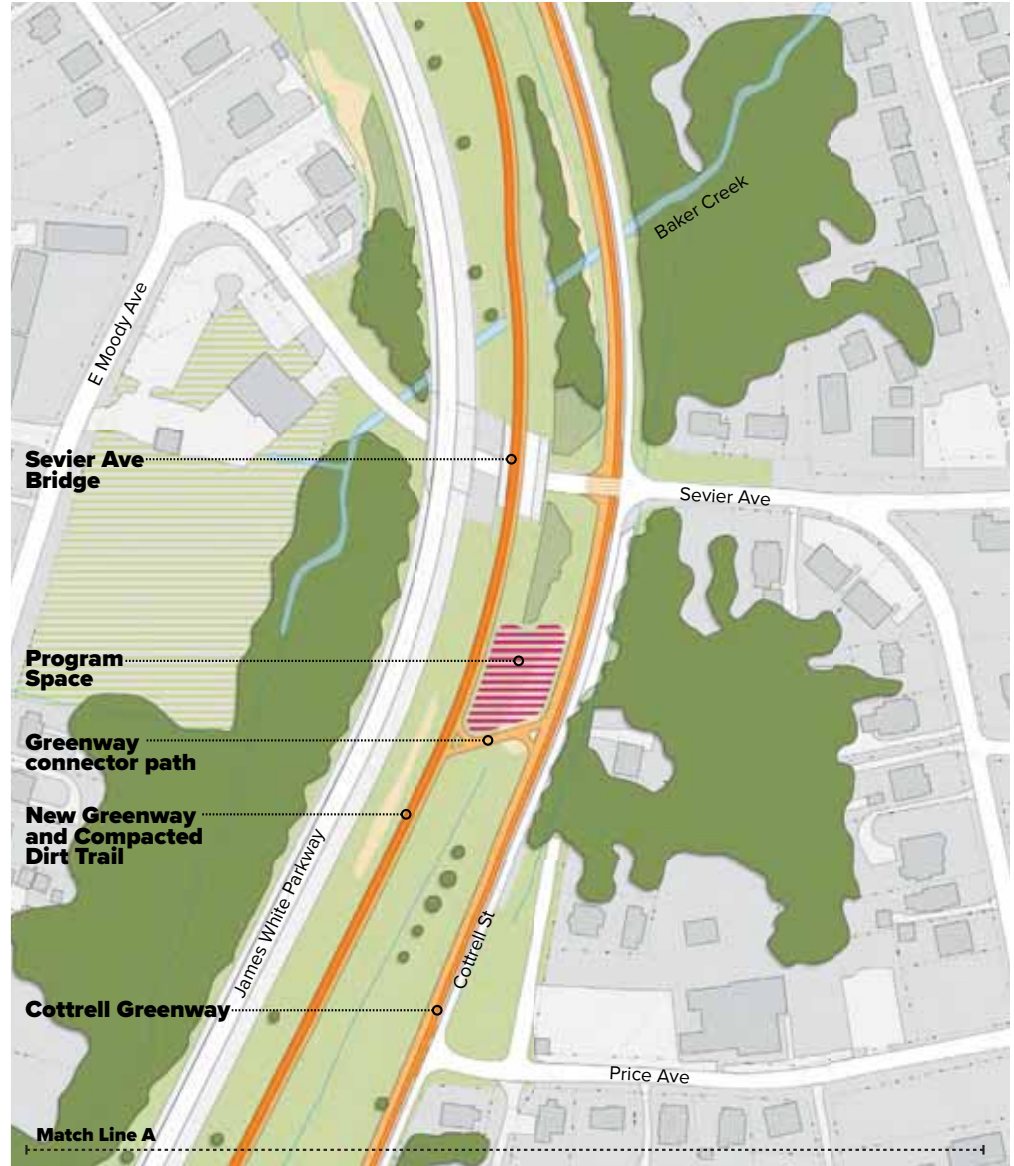
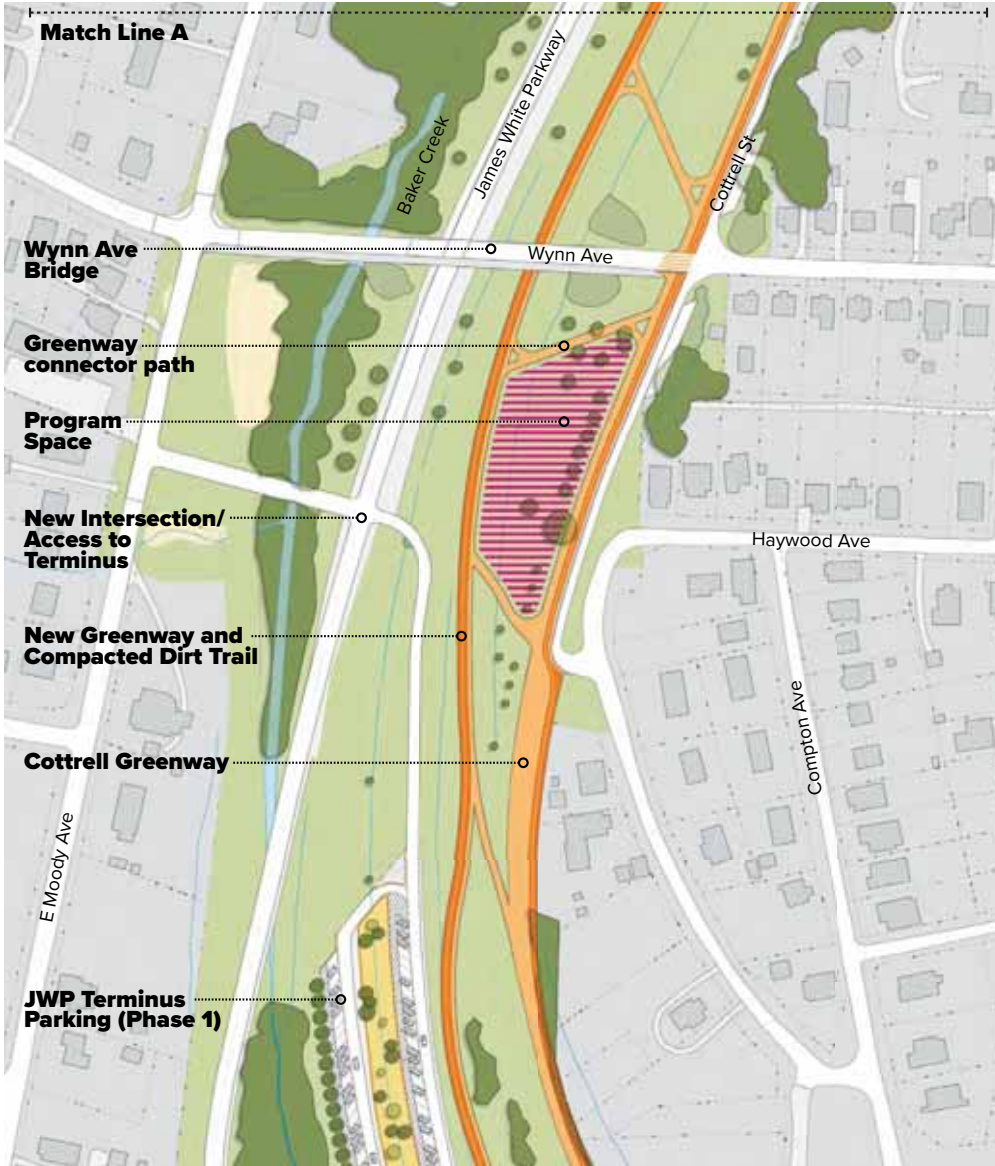


Existing Typical Section



Proposed Typical Section

FUTURE PHASE PROJECTS



FUTURE PHASE PROJECTS

Non-traditional, integrated, large-scale wayfinding.



**Midtown Greenway, Minneapolis
Dequindre Cut, Detroit**



FUTURE PHASE PROJECTS

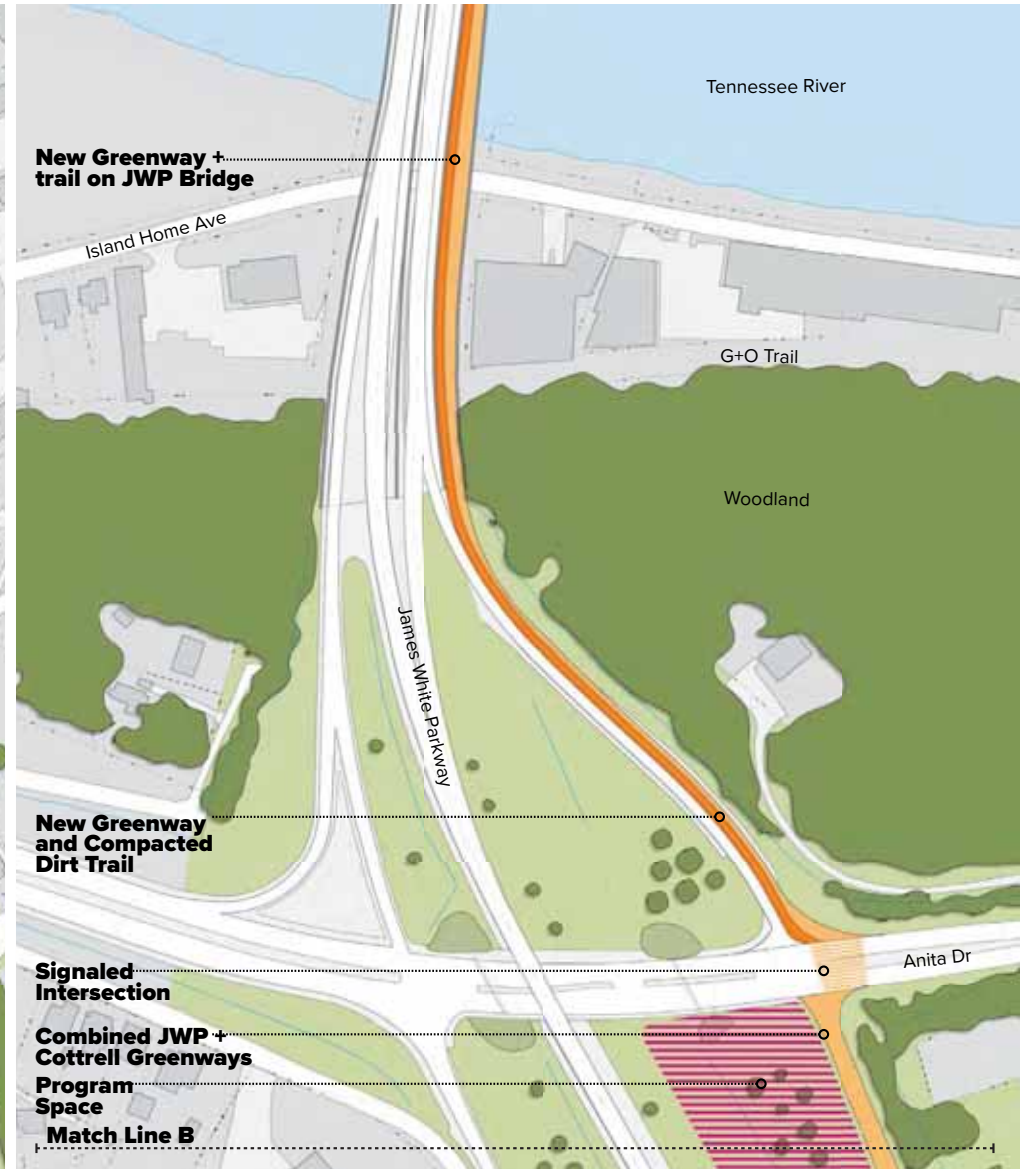
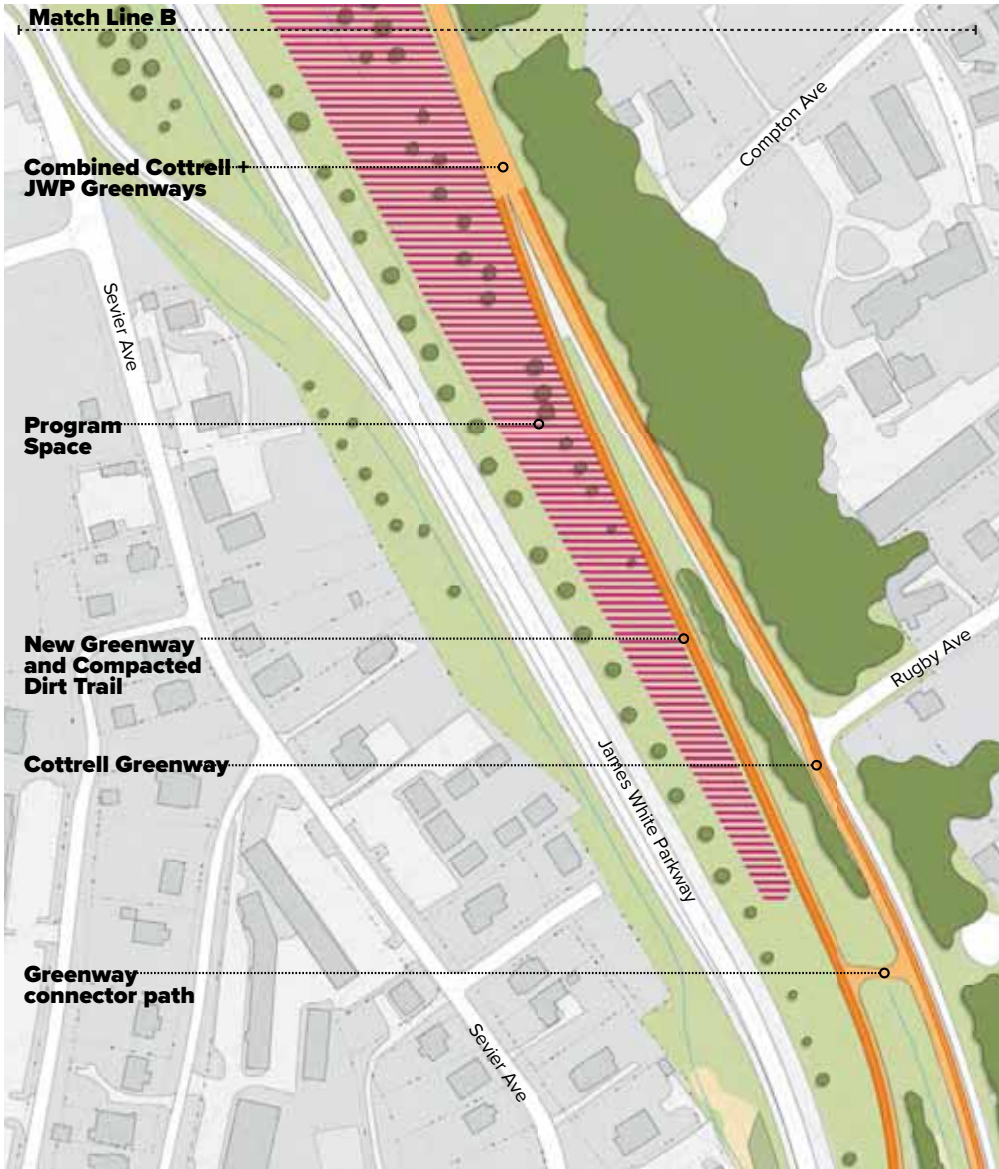
Sloped Lawn Dog Park



Public Art, Basketball Outdoor Classroom



FUTURE PHASE PROJECTS



FUTURE PHASE PROJECTS



FUTURE PHASE PROJECTS

Connection to Morningside Greenway



Connection to James White Greenway

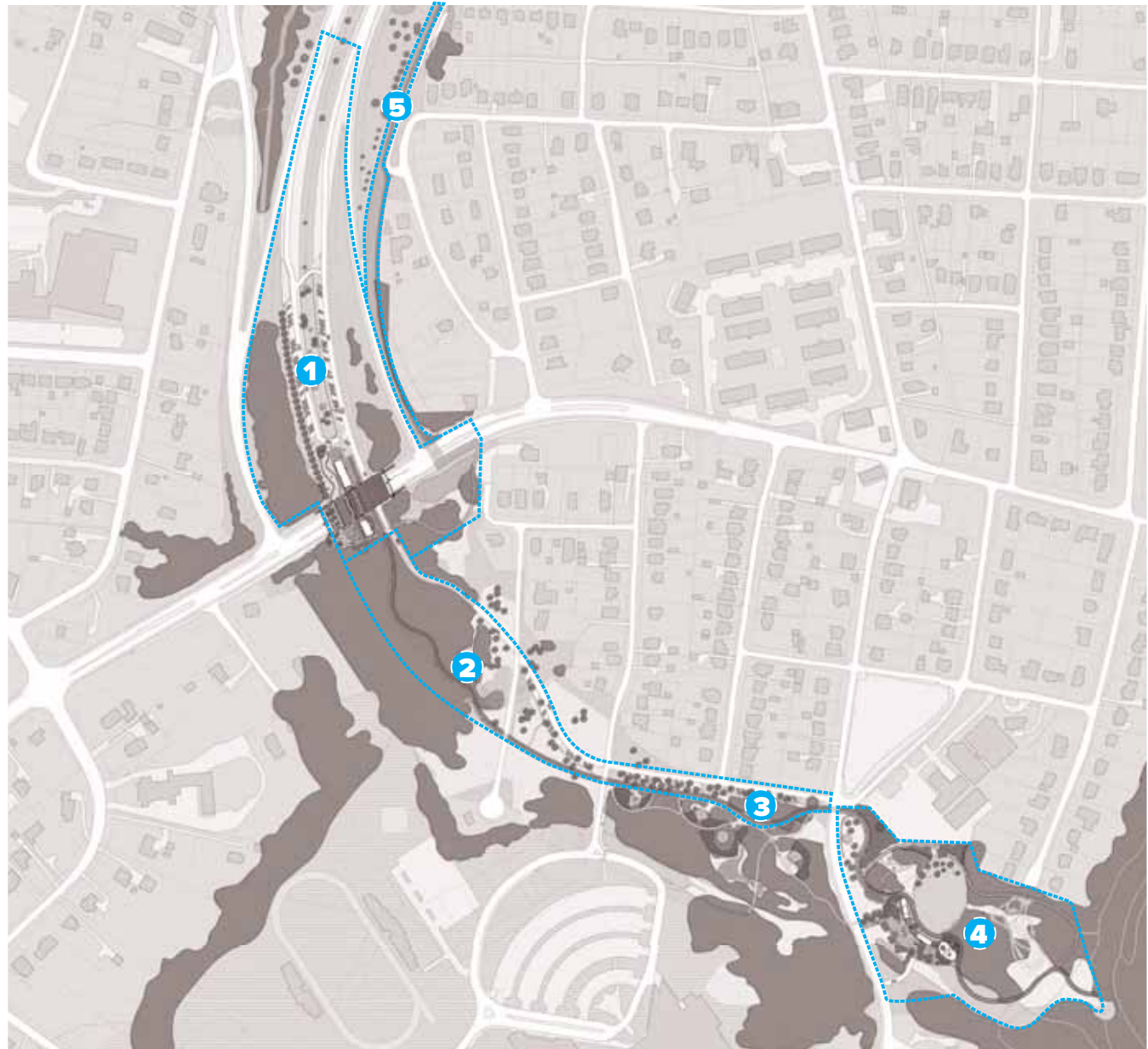




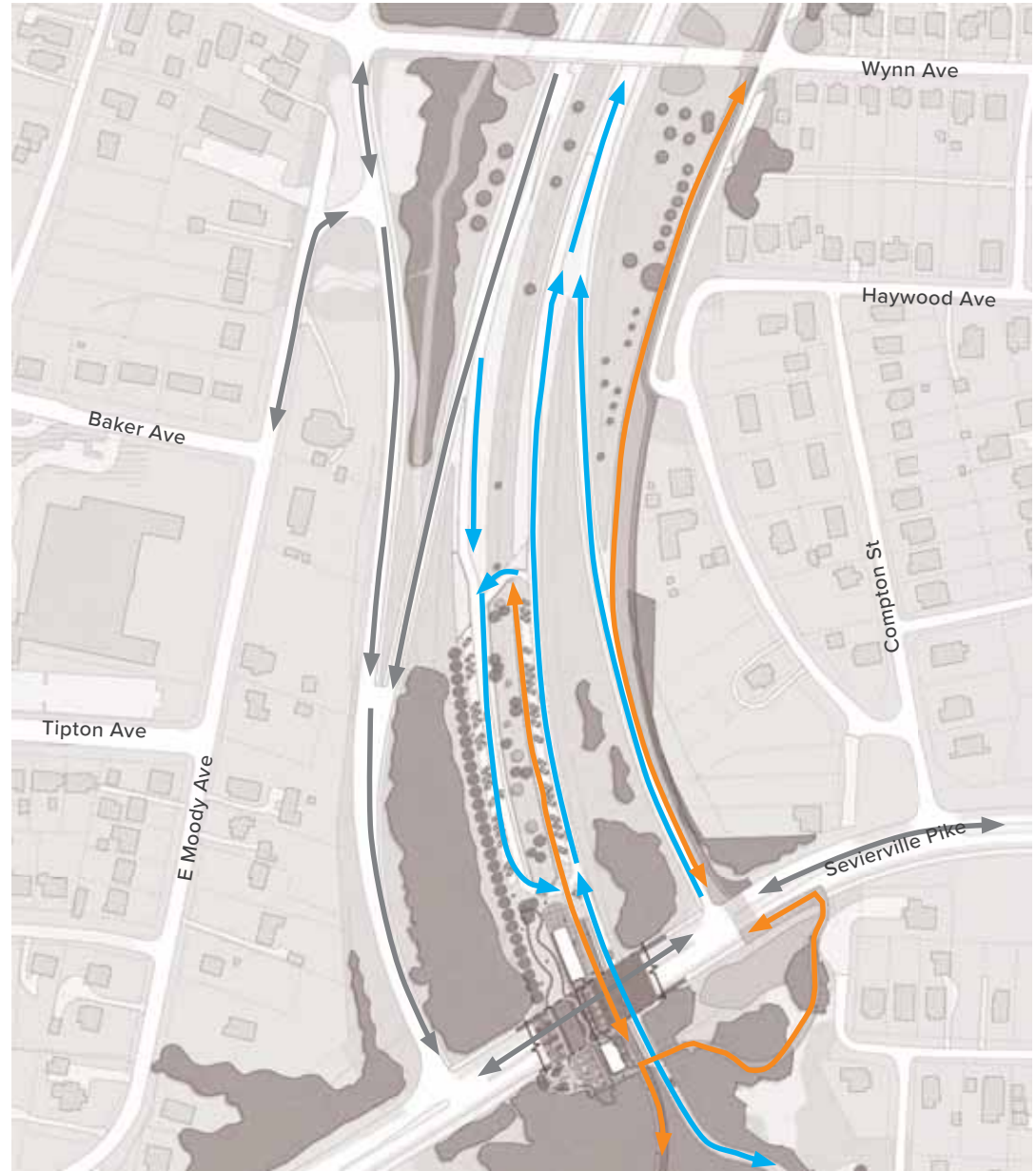
Phase 1 Projects

PHASE 1 PROJECTS

- 1. James White Parkway Terminus**
- 2. Park Drive + Greenway**
- 3. Tilson Connector + Play Forest**
- 4. Baker Creek Preserve**
- 5. Cottrell St.**



PHASE 1 CIRCULATION



- ← → UNAFFECTED VEHICULAR MOVEMENT
- ← → NEW VEHICULAR MOVEMENT
- ← → NEW BIKE/PED GREENWAY MOVEMENT

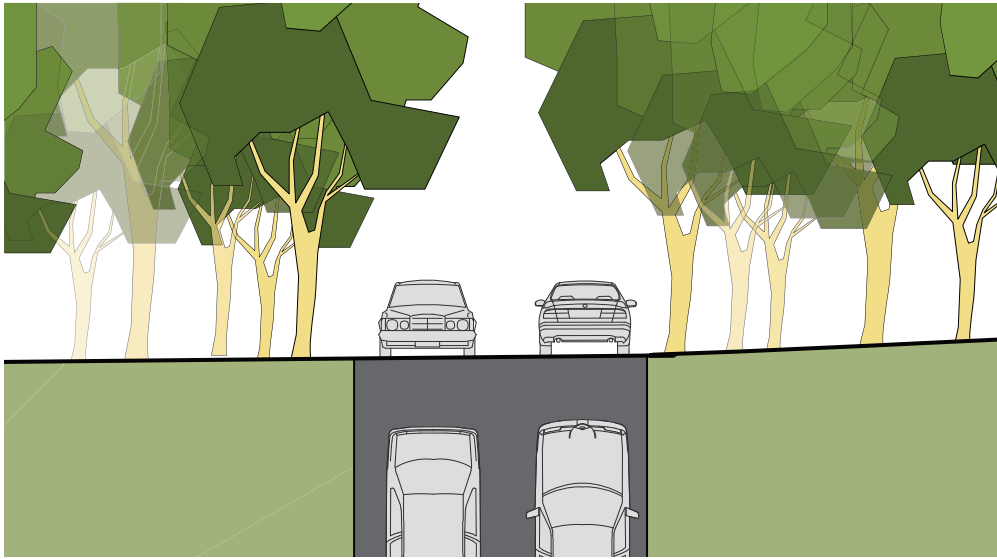
PHASE 1 CIRCULATION



- ↔ UNAFFECTED VEHICULAR MOVEMENT
- ↔ NEW VEHICULAR MOVEMENT
- ↔ NEW BIKE/PED GREENWAY MOVEMENT

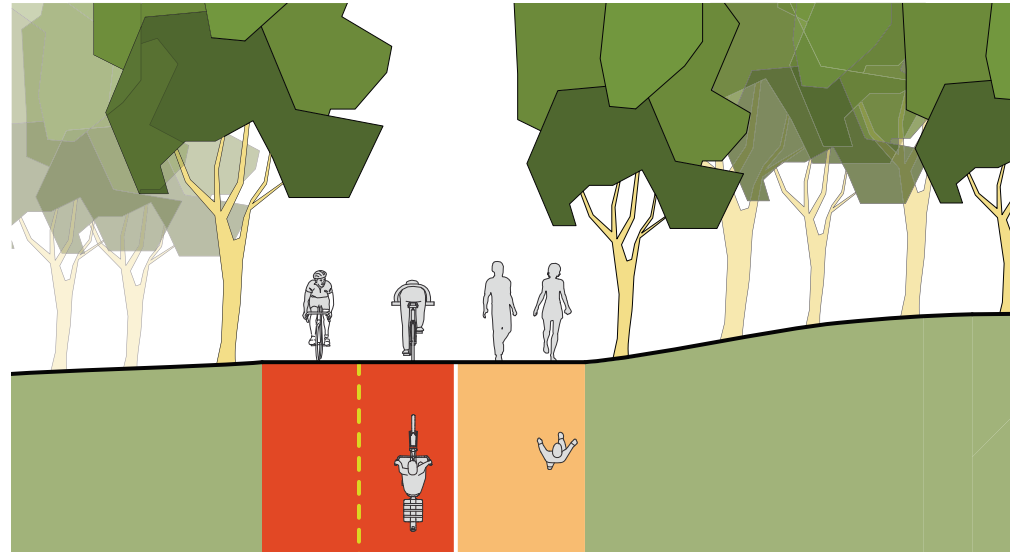
PHASE 1 CIRCULATION

Park Drive



Two-way traffic

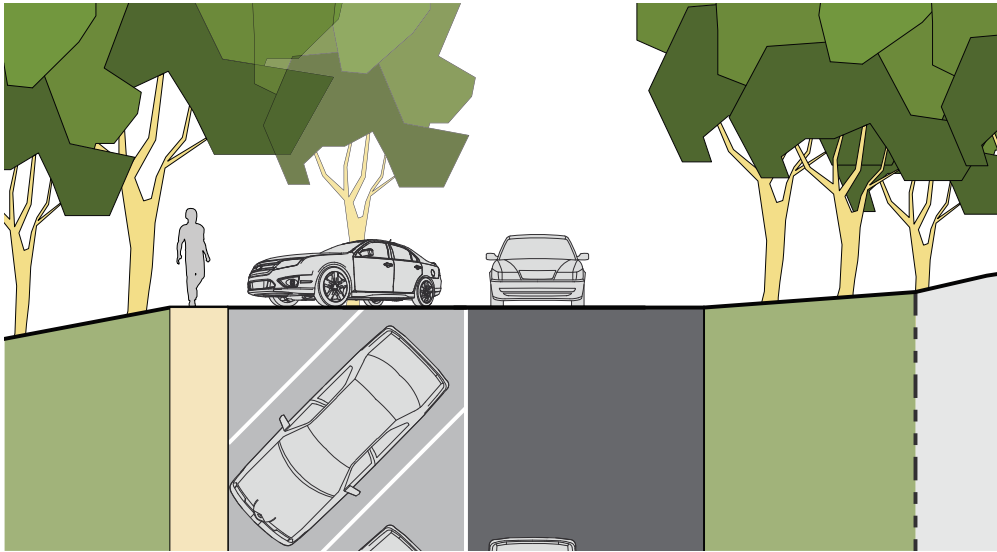
Bike + Pedestrian Greenway



Two-way Paved Greenway
Compacted Dirt Trail

PHASE 1 CIRCULATION

Tilson Street

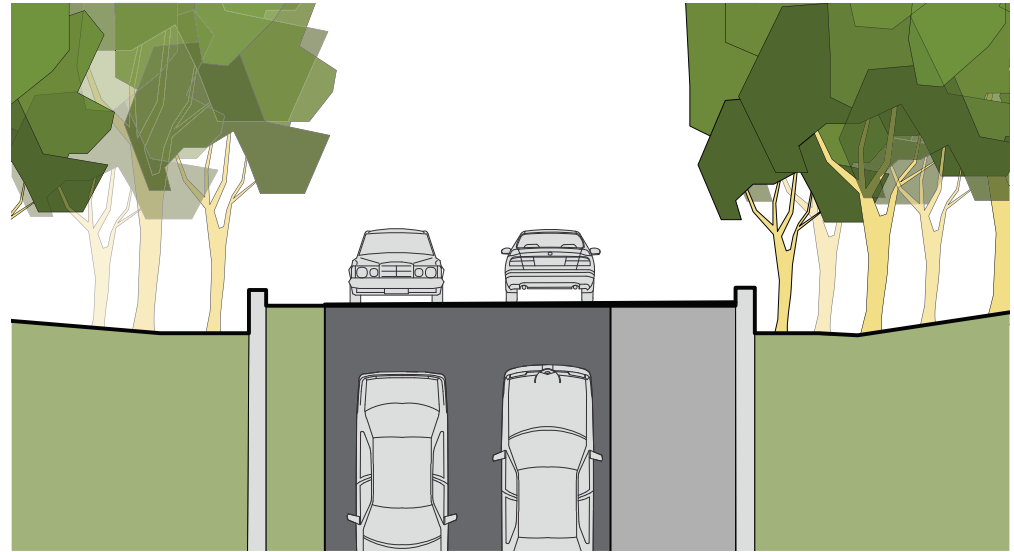


**New
Footpath**

**New
Angled
Parking**

**Existing
Two-way
Traffic**

Decatur Drive- South Doyle Connection



**Existing
Shoulder**

**Existing
Two-way
Traffic**

**New
Sidewalk +
Bike Path**

JAMES WHITE PARKWAY TERMINUS



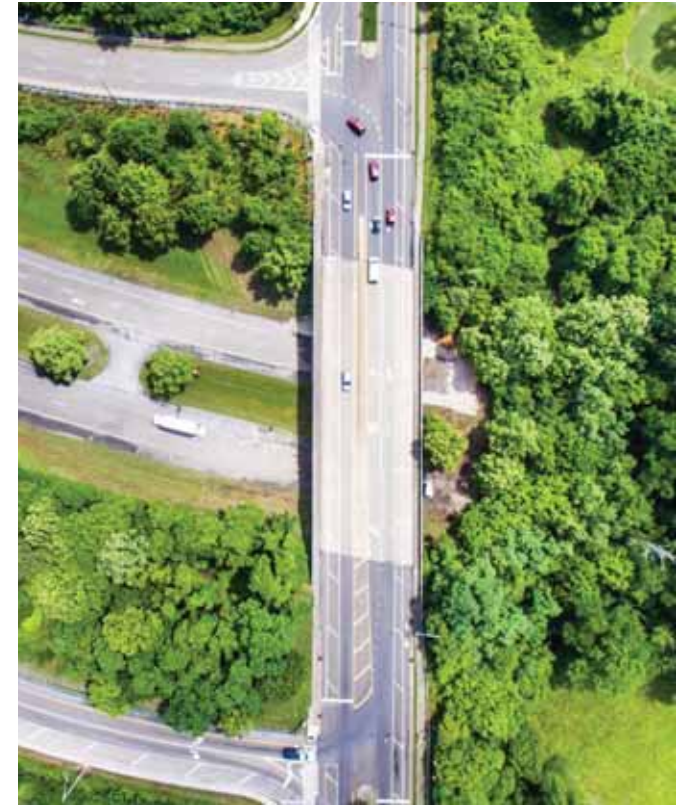
Enhance the infrastructural character north of the Sevierville Pike bridge.



Enhance the natural character south of the Sevierville Pike bridge.



Maintain the existing abrupt transition from urban to wild.



Repurpose existing highway infrastructure.



Make the underpass a unique experience.

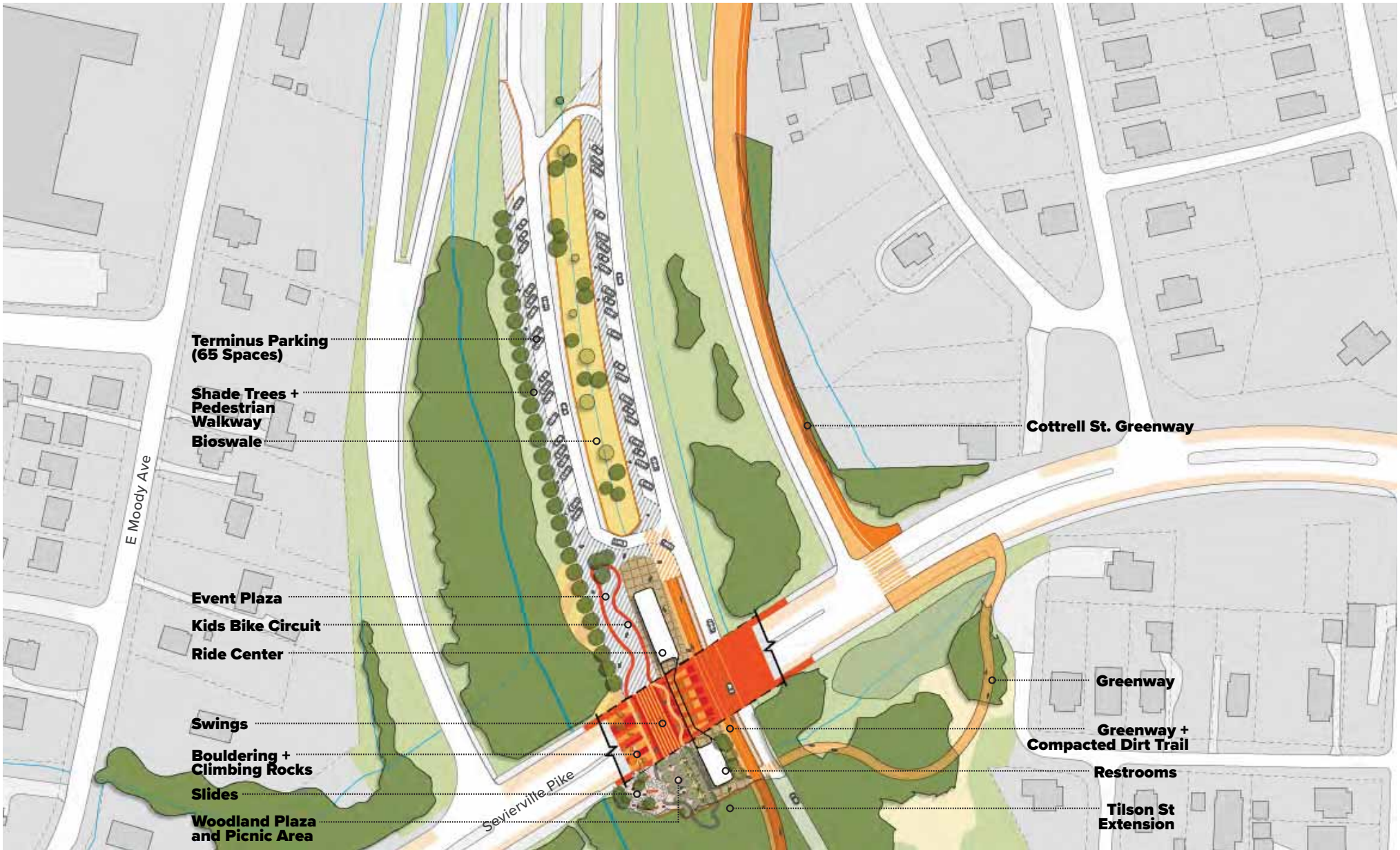


Create a destination for play + gathering.





JAMES WHITE PARKWAY TERMINUS



**Terminus Parking
(65 Spaces)**

**Shade Trees +
Pedestrian
Walkway
Bioswale**

E Moody Ave

Cottrell St. Greenway

**Event Plaza
Kids Bike Circuit
Ride Center**

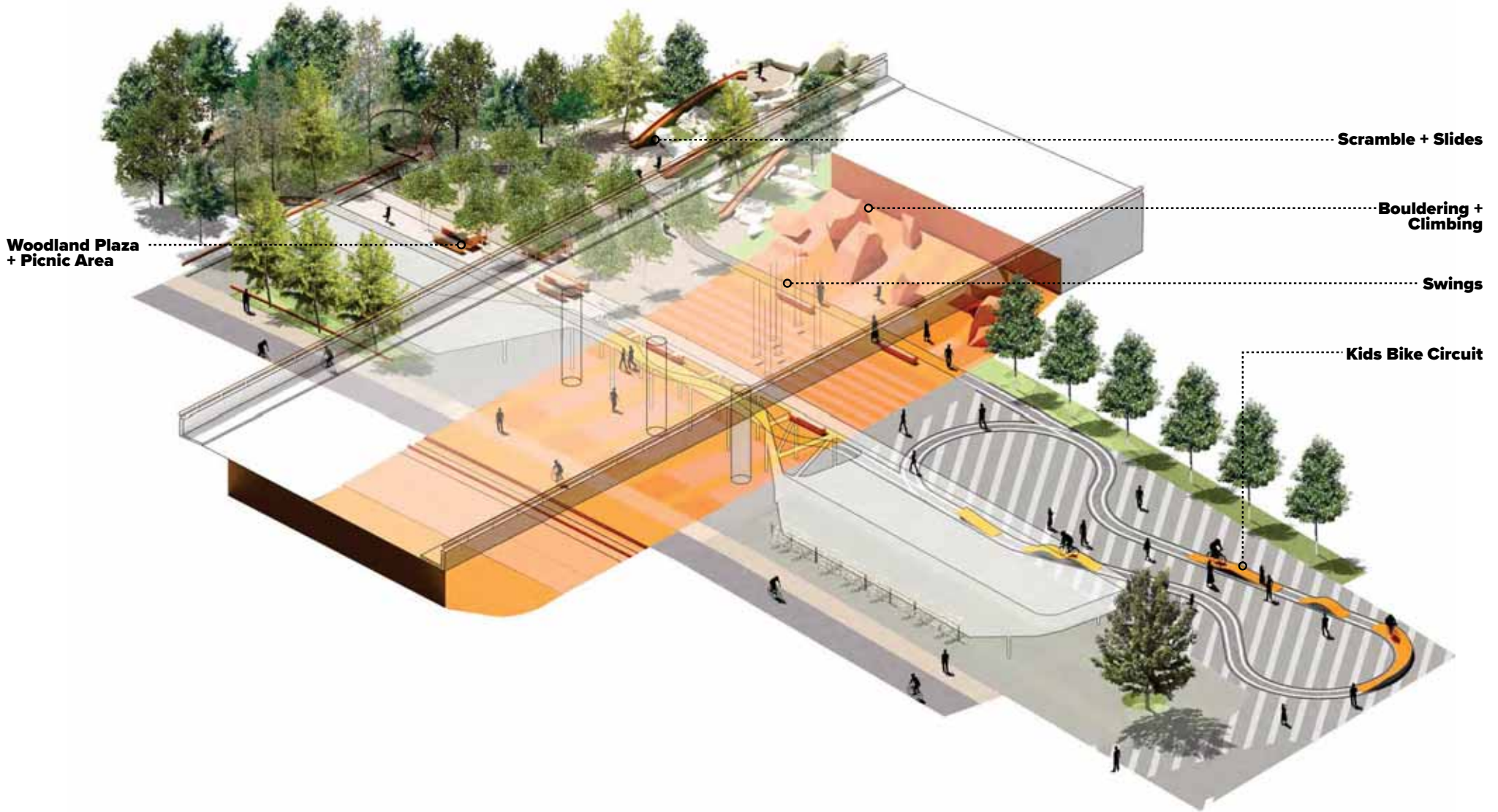
**Swings
Bouldering +
Climbing Rocks
Slides
Woodland Plaza
and Picnic Area**

Sevierville Pike

**Greenway
Greenway +
Compacted Dirt Trail
Restrooms
Tilson St
Extension**

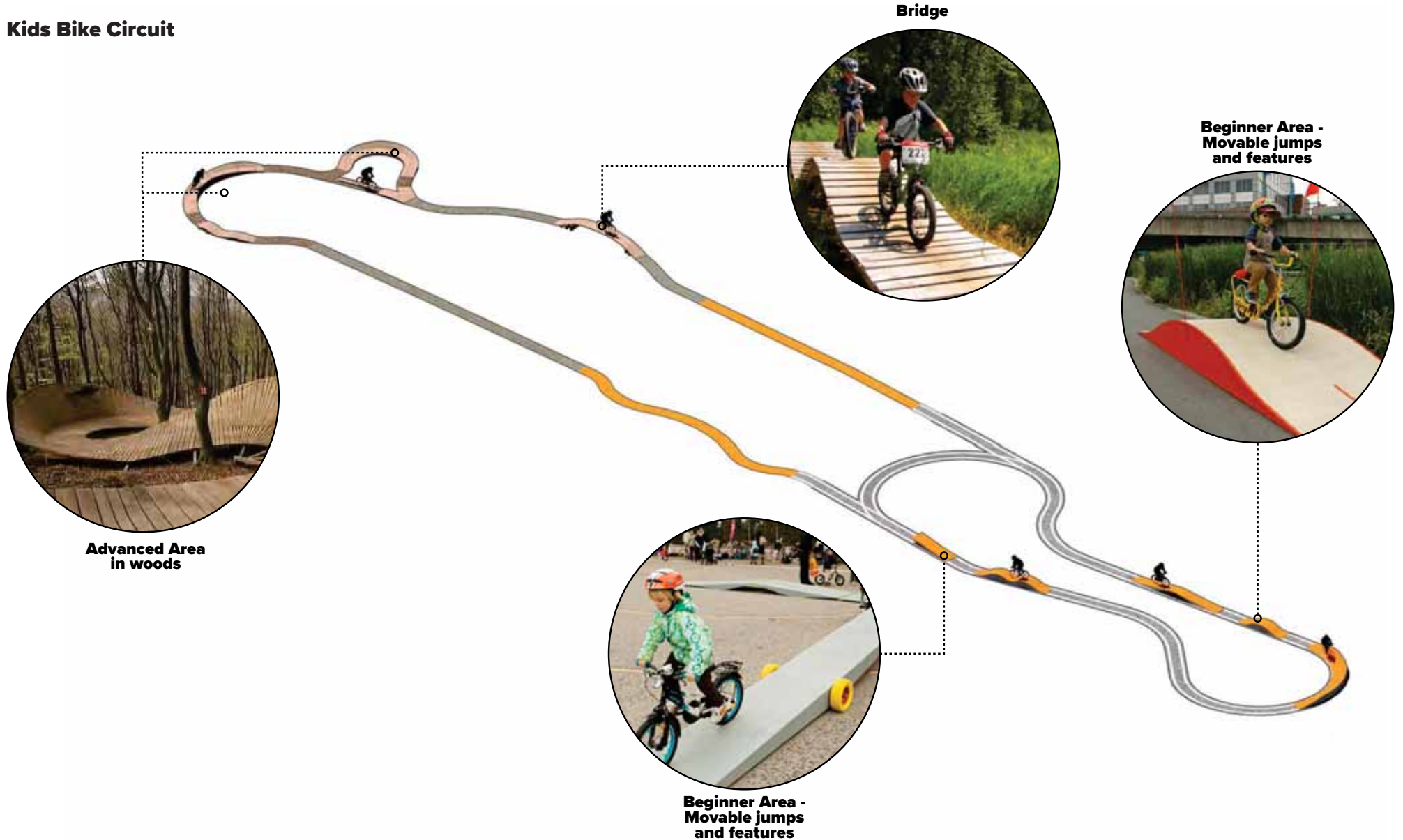
JAMES WHITE PARKWAY TERMINUS

Play Features



JAMES WHITE PARKWAY TERMINUS

Kids Bike Circuit





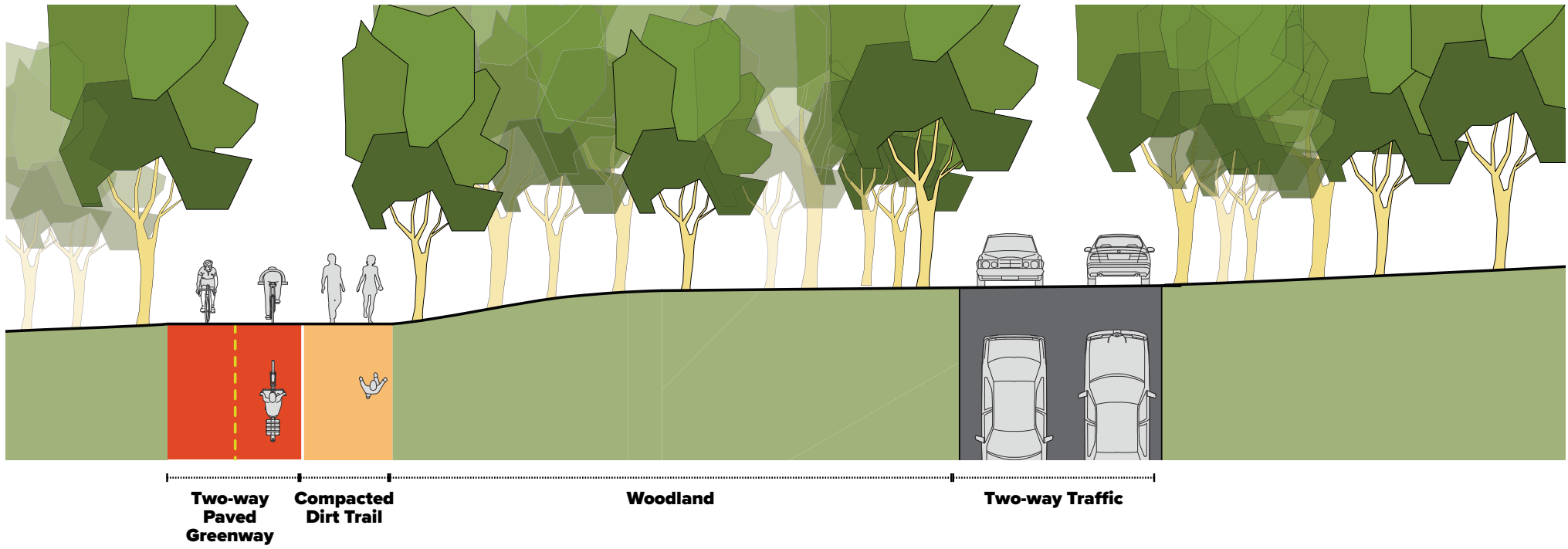




TILSON CONNECTOR + GREENWAY



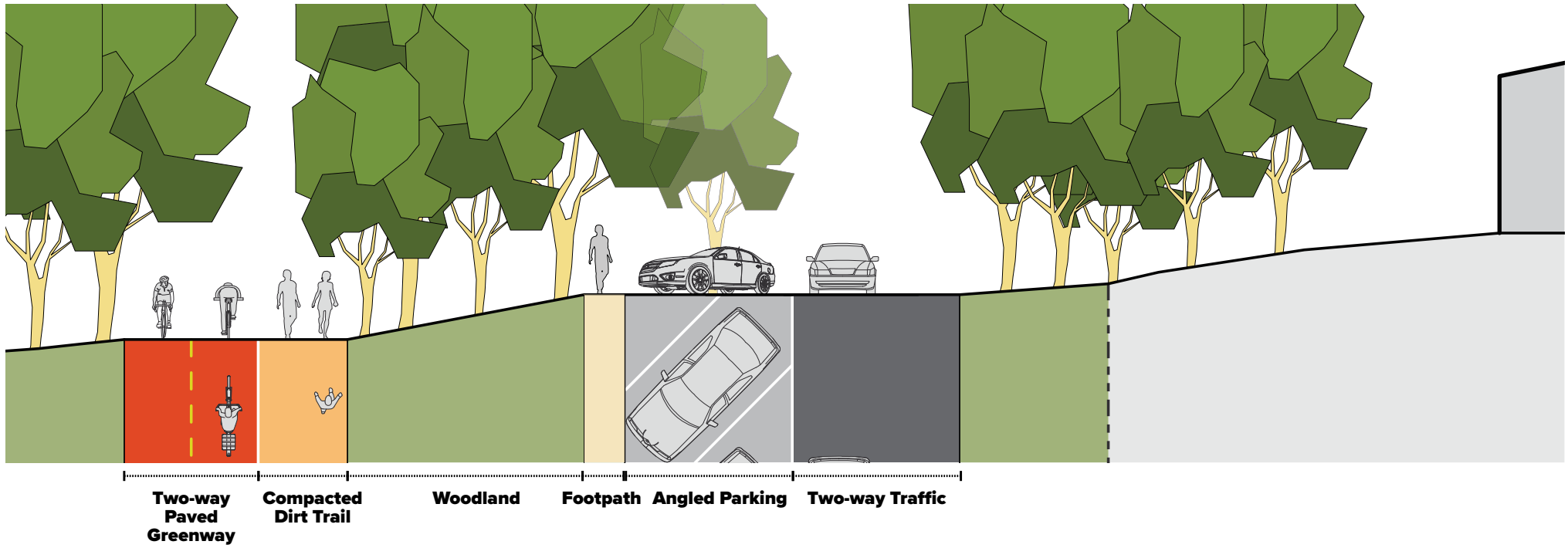
TILSON CONNECTOR + GREENWAY



TILSON STREET + PLAY FOREST



TILSON STREET + PLAY FOREST



BAKER CREEK PRESERVE



Enhance + organize existing site uses.



Enhance the existing natural character and preserve existing trees + woodlands.



Create an appropriate entry space to the world-class bike trails at Baker Creek Preserve.



Provide formal parking opportunities at Baker Creek Preserve.



Create space for events and gathering.



Provide accessible paths + loops for all ages, mobility + skill levels.

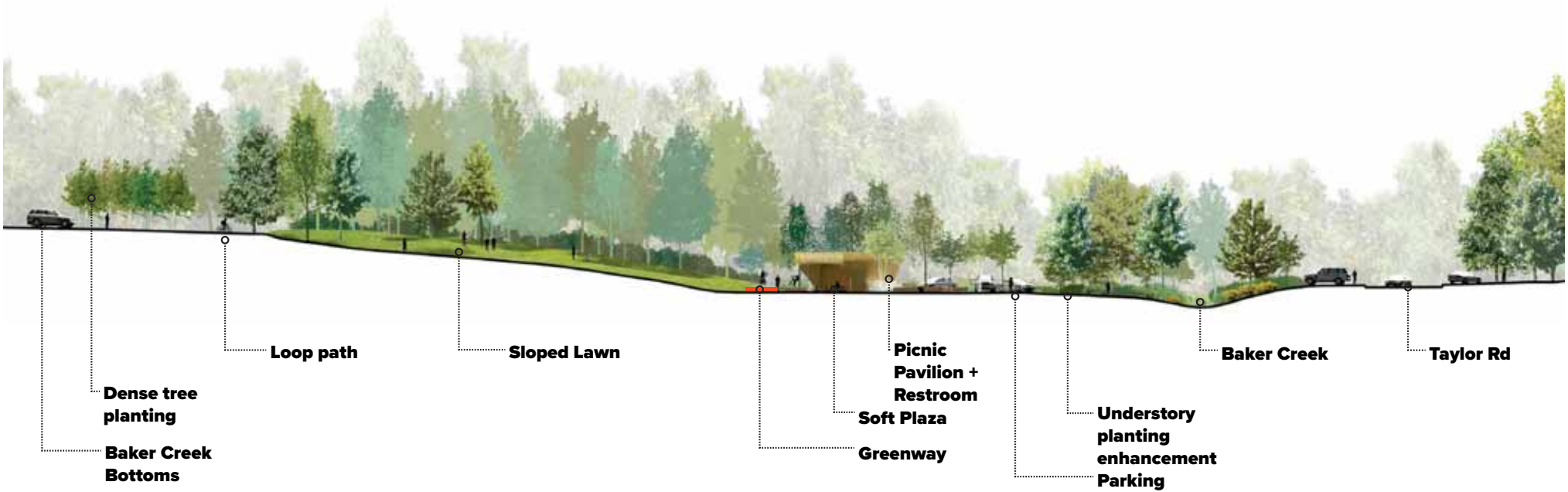




BAKER CREEK PRESERVE



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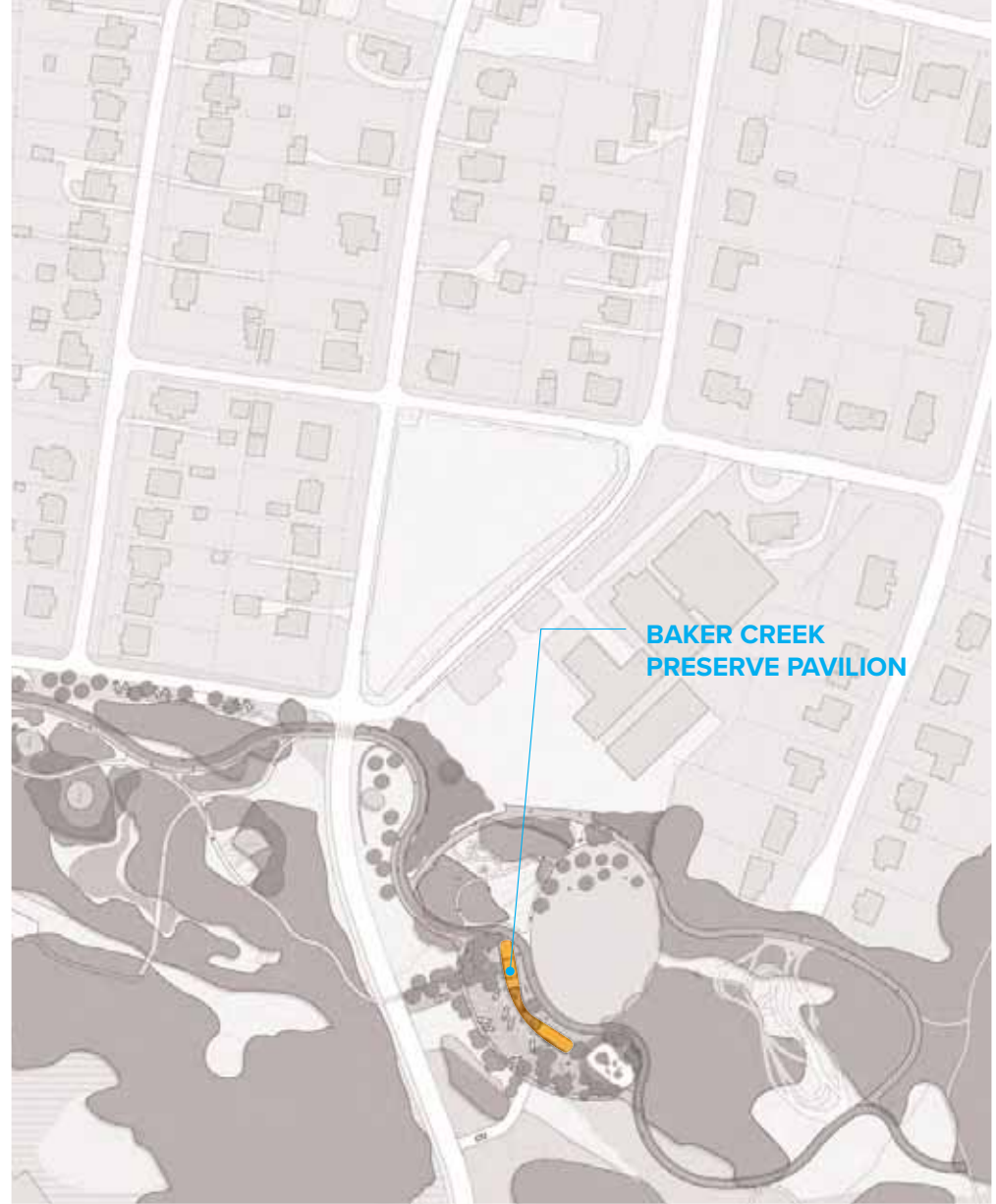








PHASE 1 PAVILIONS



PAVILION PROGRAM

Ride Center



Bikestation - Sudio FV



Glentress Park Visitor Center, Scotland - Gaia Group



Radhaus - Osterwold + Schmidt

Picnic + Shade Pavilion



Naples Botanical Garden Visitor Center - Lake Flato

PAVILION PROGRAM

Comfort Station



Wayfinding + Orientation



TERMINUS PAVILION

BUILDING PROGRAM (4,400 SF):

01 RIDE CENTER

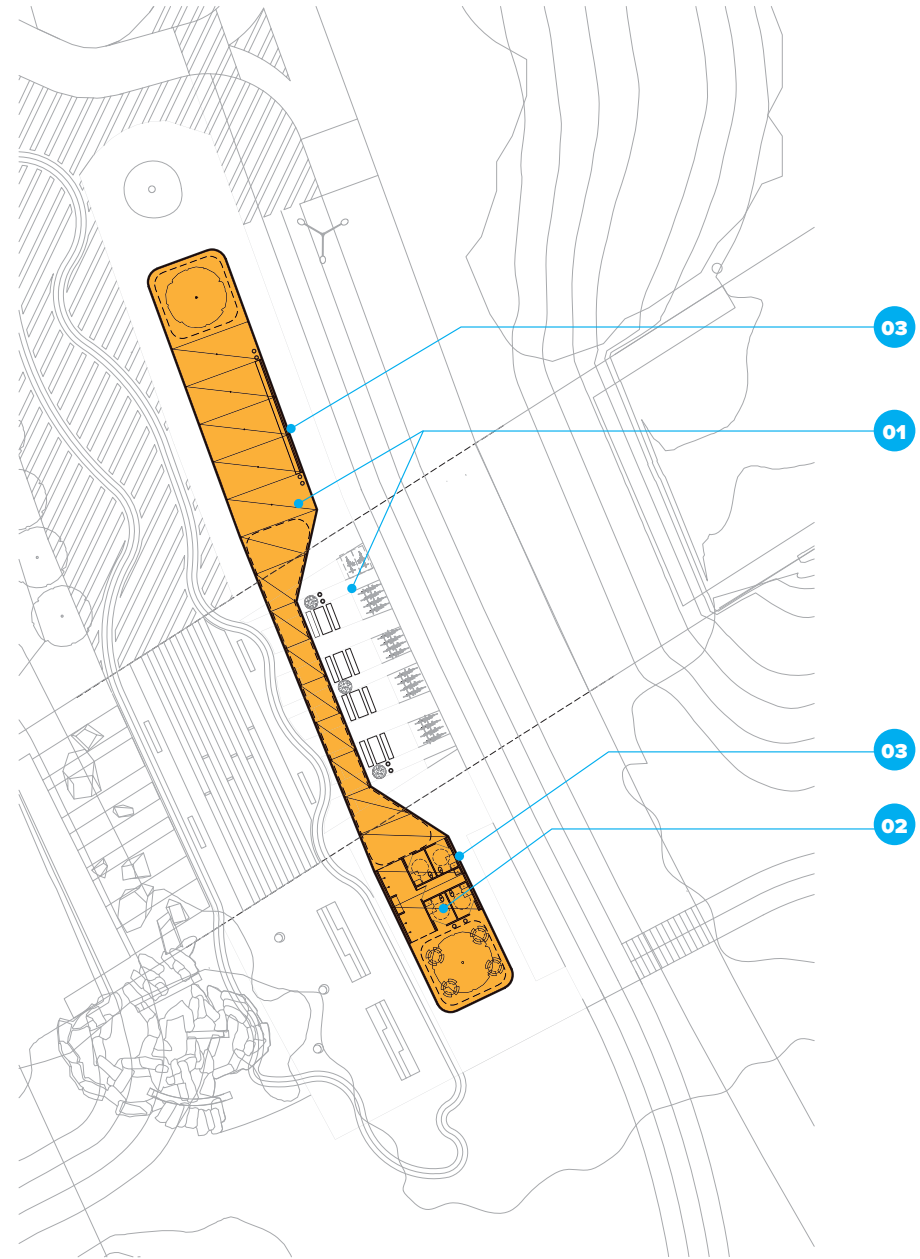
- Bike concierge/learning center
- Bike share station
- Bike service station (repair + wash)
- Bike storage
- Events pavilion/meeting space
- Picnic Tables
- Trash + Recycling

02 COMFORT STATION

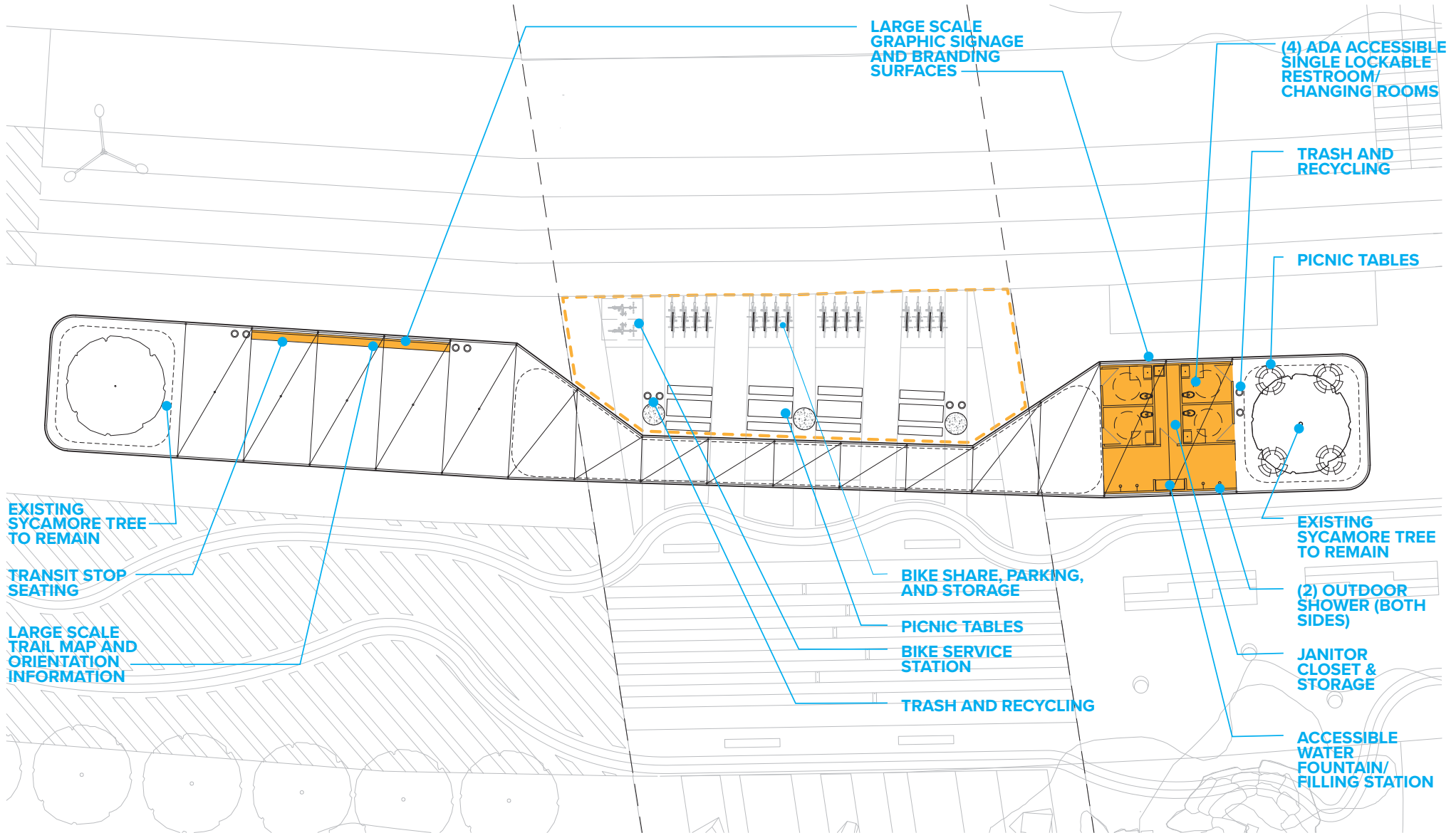
- Bathrooms (Heated)
 - 4 lockable non-gender
- Janitor Closet (Heated)
 - Mop sink
 - Storage area & plumbing access
- Water station
 - Bottle filling + fountain
 - Outdoor shower
- Picnic Tables
- Trash + Recycling

03 ORIENTATION AND WAYFINDING

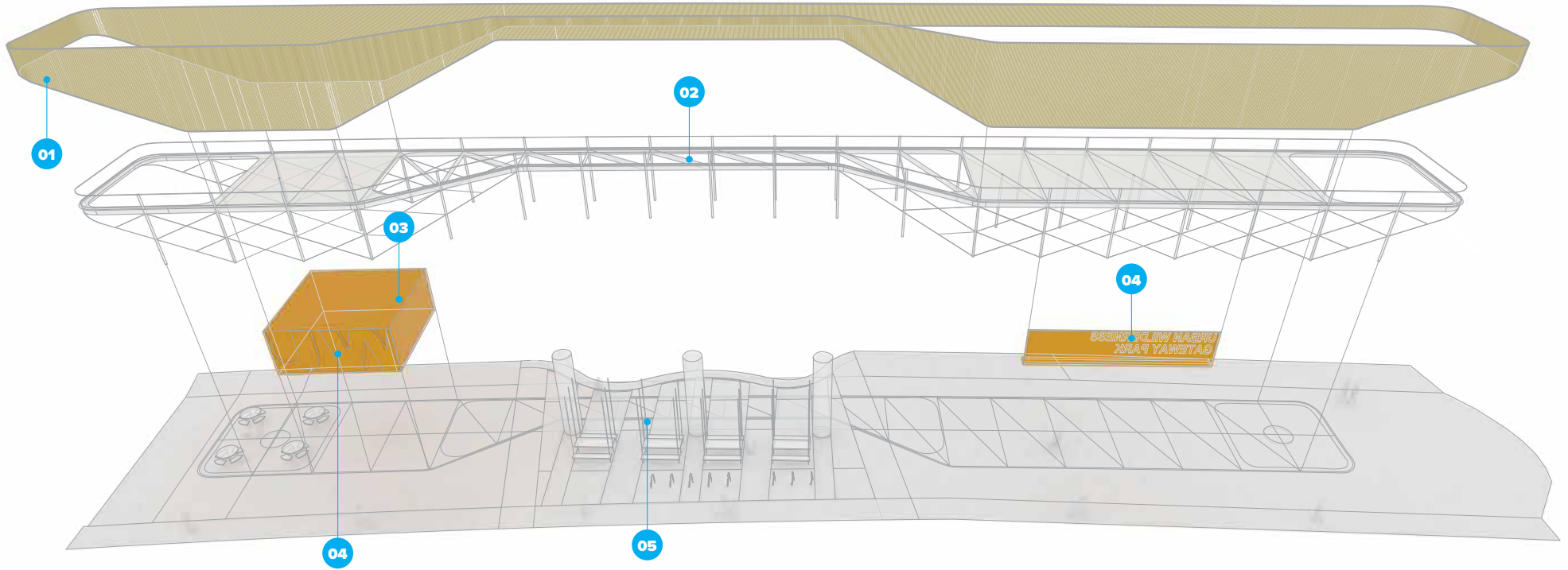
- Urban Wilderness Gateway Park Branding
- Trail map + information kiosk
- Transit Stop



TERMINUS PAVILION



TERMINUS PAVILION



01 Building Skin
A lightweight translucent or perforated system defines space and diffuses natural light while opening up to landscape program.

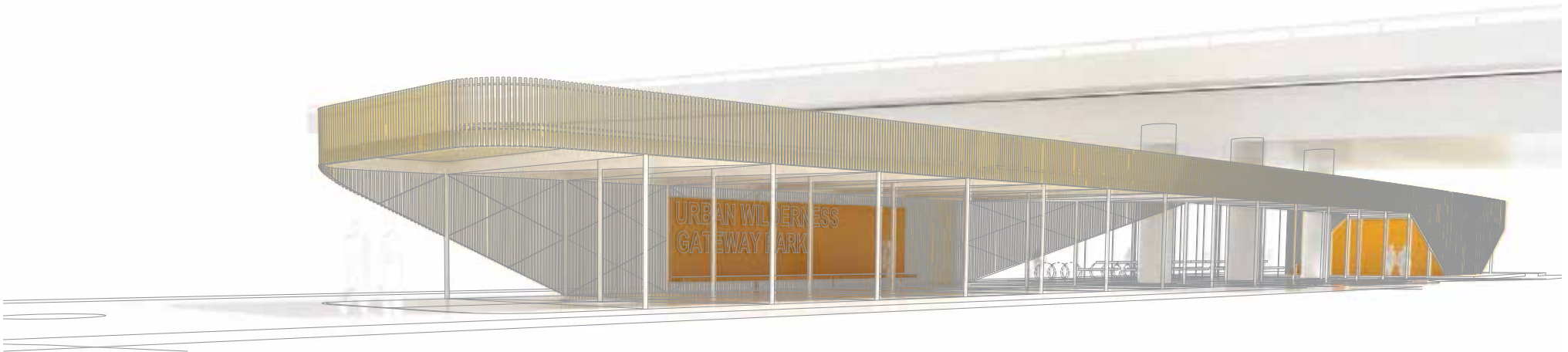
02 Building Structure
Steel columns and beams are the primary structural system with a lattice steel substructure providing support for the building skin

03 Building Program
Independent solid elements with integrated infrastructure support adjacent park activities

04 Branding and Wayfinding
Branding and wayfinding unique to each Urban Wilderness location is integrated into building program elements

05 Plaza Surface
Landscape program at the terminus extends through the open areas of the Gateway Pavilion

TERMINUS PAVILION



TERMINUS PAVILION



BAKER CREEK PRESERVE PAVILION

BUILDING PROGRAM (2,200 SF):

01

PICNIC AND SHADE PAVILION

- Picnic pavilion/meeting space
- Covered Seating Area
- Bike service station (repair + air only)
- Trash + Recycling

02

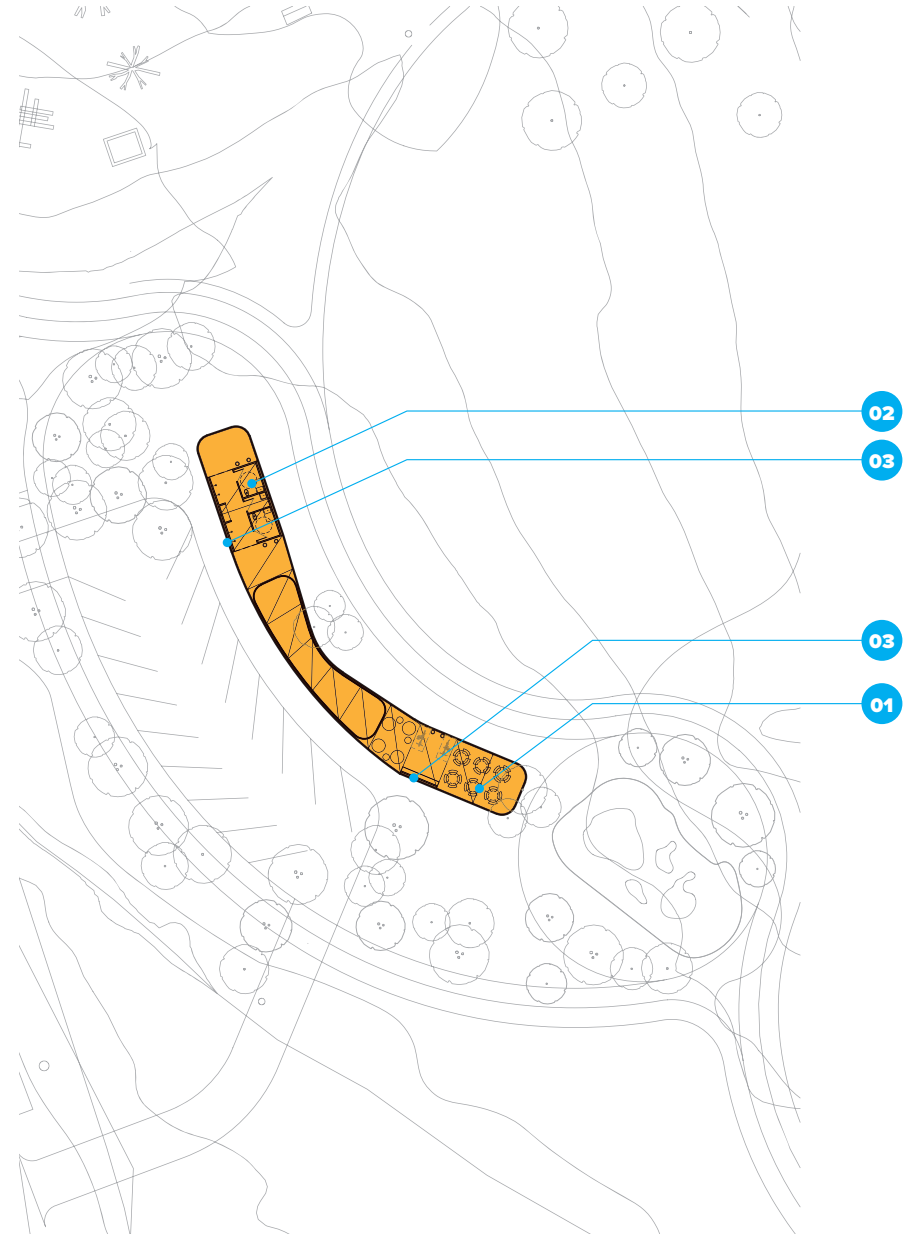
COMFORT STATION

- Bathrooms (Heated)
 - 2 lockable non-gender
- Janitor Closet (Heated)
 - Mop sink
- Water station
 - Bottle filling + fountain
 - Outdoor shower
- Trash + Recycling

03

ORIENTATION AND WAYFINDING

- Urban Wilderness Gateway Park Branding
- Trail map + information kiosk



BAKER CREEK PRESERVE PAVILION

(2) ADA ACCESSIBLE SINGLE LOCKABLE RESTROOM/CHANGING ROOMS

(2) OUTDOOR SHOWERS (BOTH SIDES)

ACCESSIBLE WATER FOUNTAIN/FILLING STATION

JANITOR CLOSET & STORAGE

TRASH AND RECYCLING

COVERED SEATING AREA

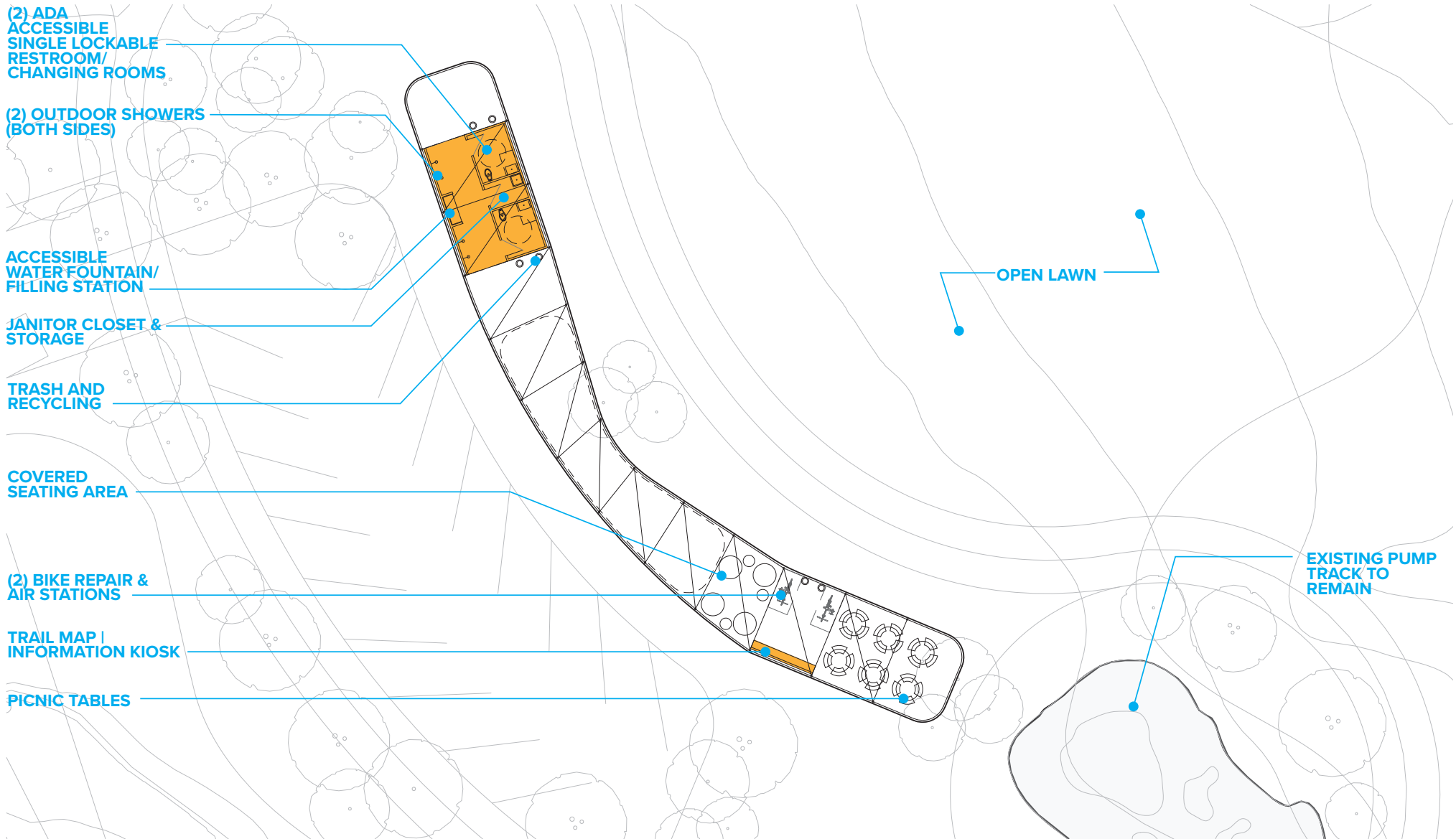
(2) BIKE REPAIR & AIR STATIONS

TRAIL MAP | INFORMATION KIOSK

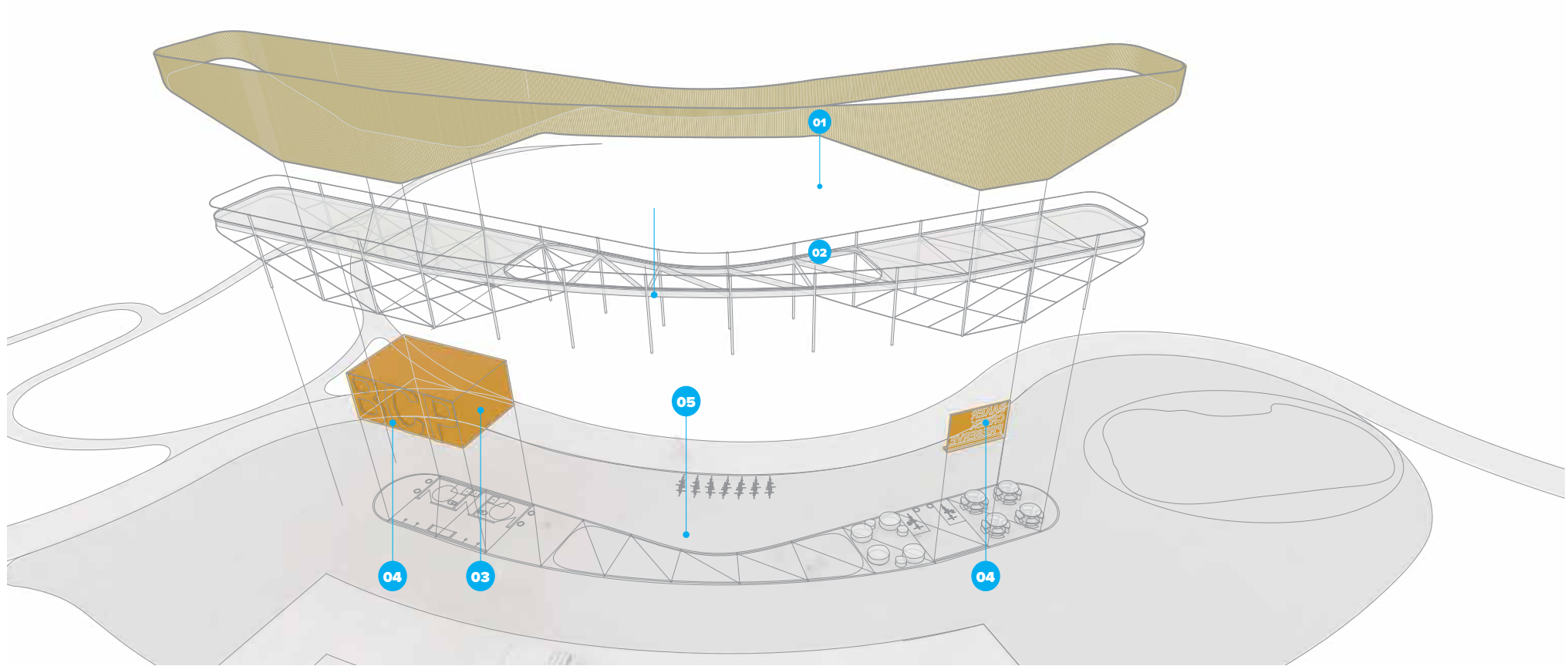
PICNIC TABLES

OPEN LAWN

EXISTING PUMP TRACK TO REMAIN



BAKER CREEK PRESERVE PAVILION



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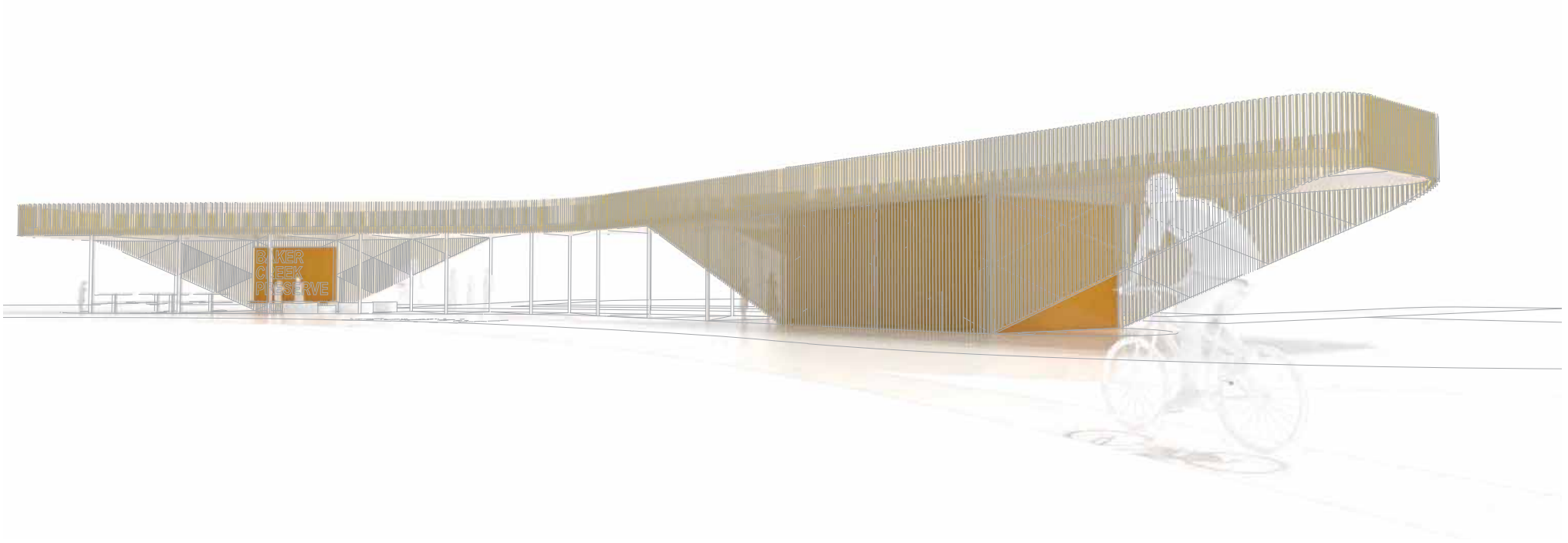
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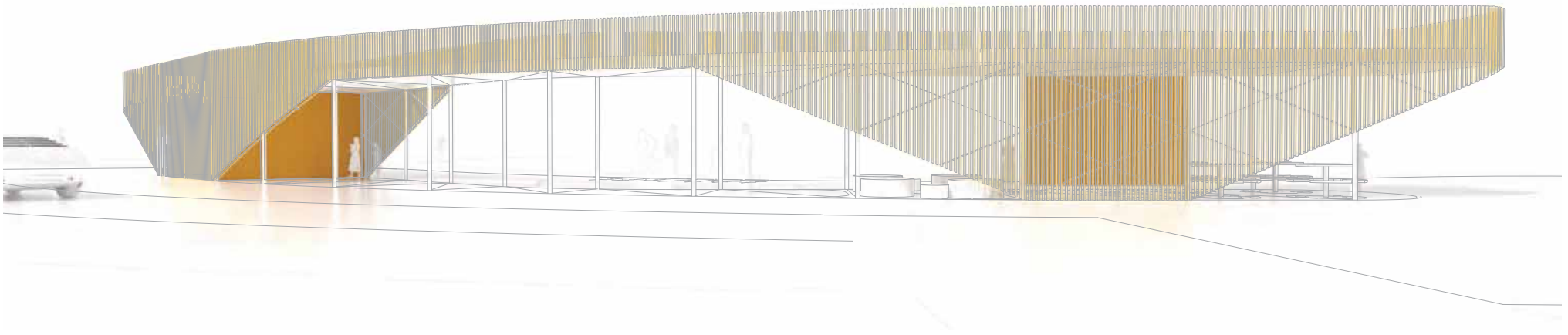
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Landscape program at the terminus extends through the open areas of the Gateway Pavilion

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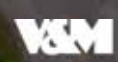


BAKER CREEK PRESERVE PAVILION





CITY OF KNOXVILLE



SANDERS PACE ARCHITECTURE

EQUINOX



GRESHAM
SMITH AND
PARTNERS