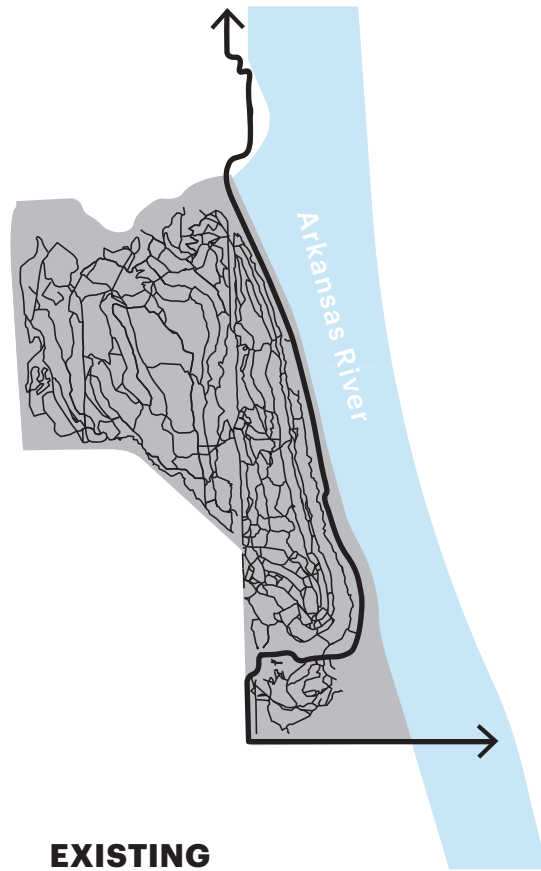
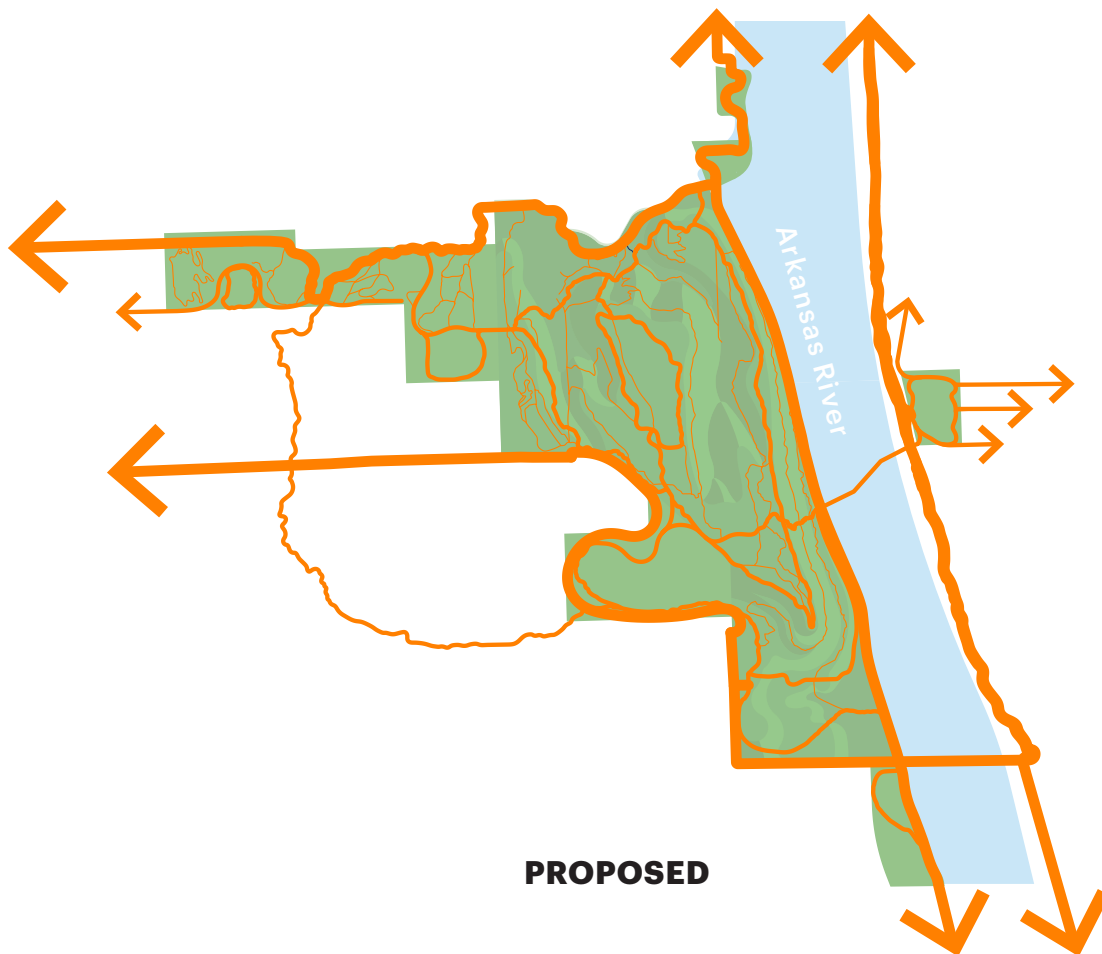


3. Enhance Trails





EXISTING



PROPOSED

Establishing a Baseline

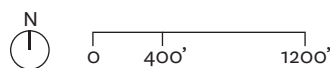
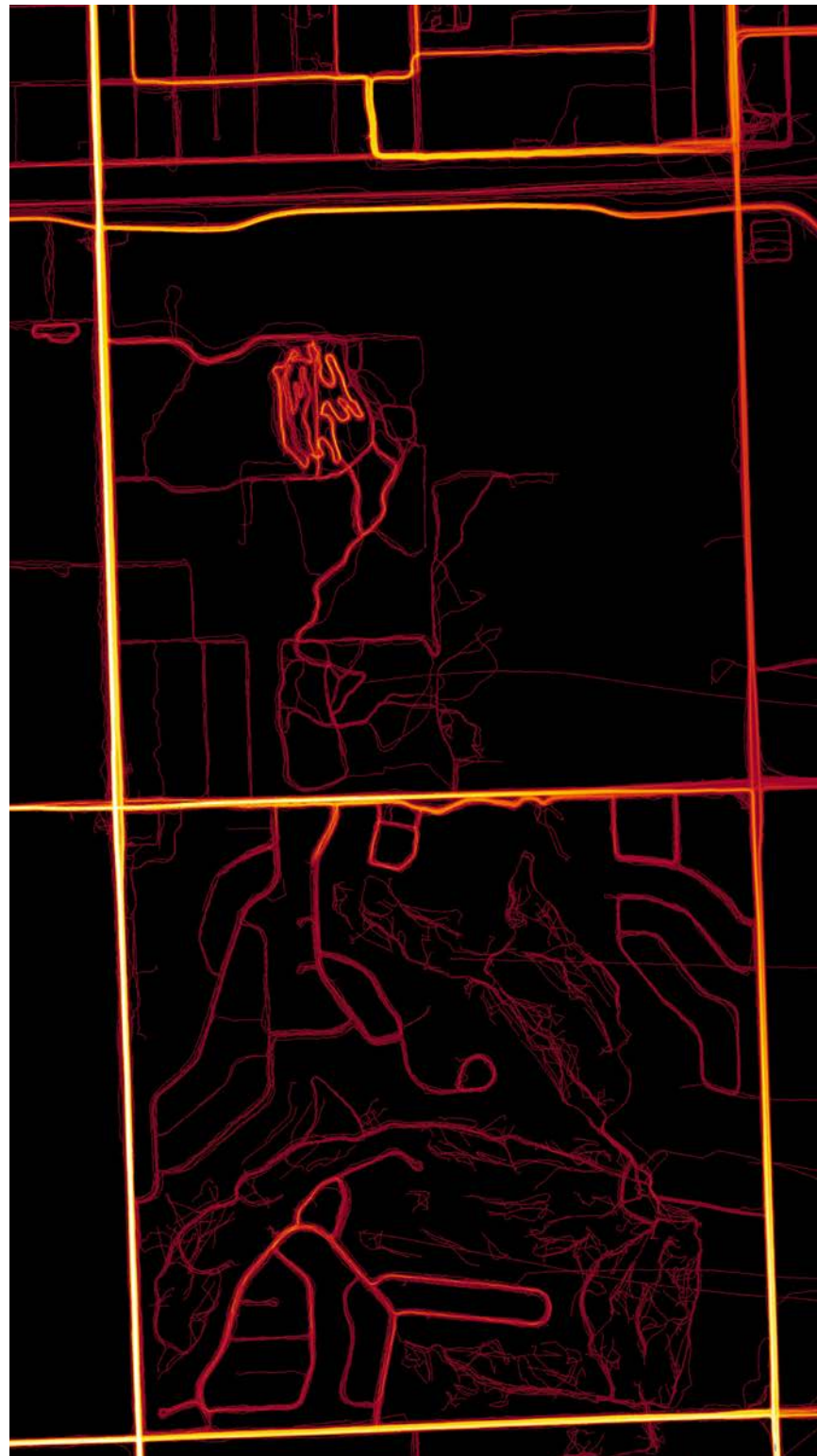
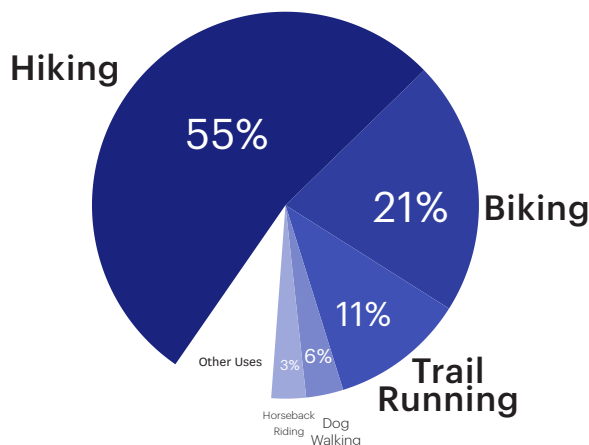
Understanding Trail Use Today

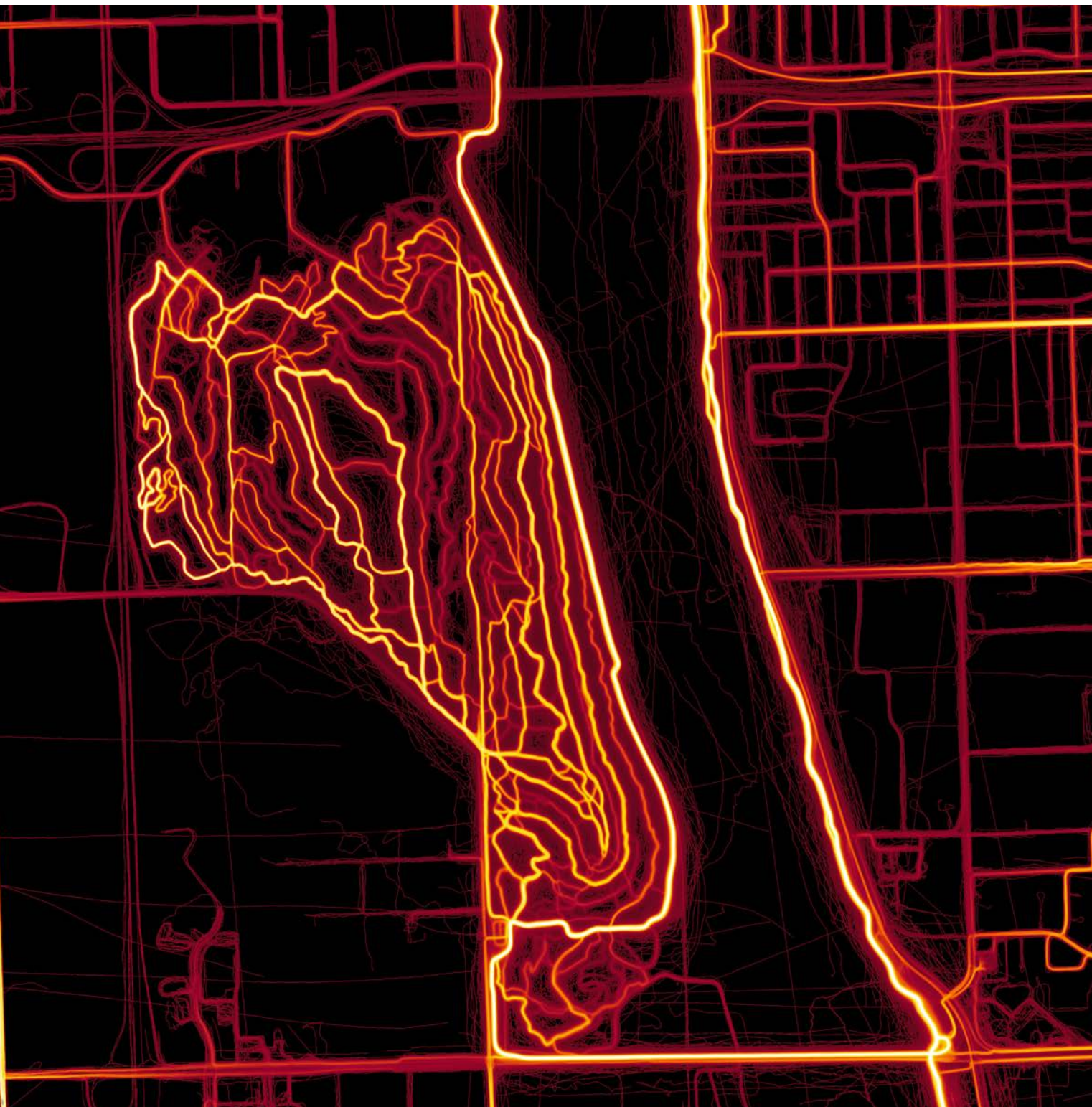
Existing Patterns of Use

Thousands of users record their paths while biking or running through Turkey Mountain using the social fitness app Strava. The heatmap generated from this data provides a means of understanding the existing patterns of use in Turkey Mountain today—which trails are most-used, which are more popular for biking versus trail running, even the location of many trails that are otherwise unmapped.

Use Types

There are 12.69 miles of formally mapped trails in Turkey Mountain according to Trailforks, a popular trail mapping website and app. The Master Plan online survey responses indicate the following use types on these trail:





Strava Global Heatmap Running and Biking Data, 2018

A Complementary Set of Trails

Engineered for Use

A Multi-Use Trail Framework

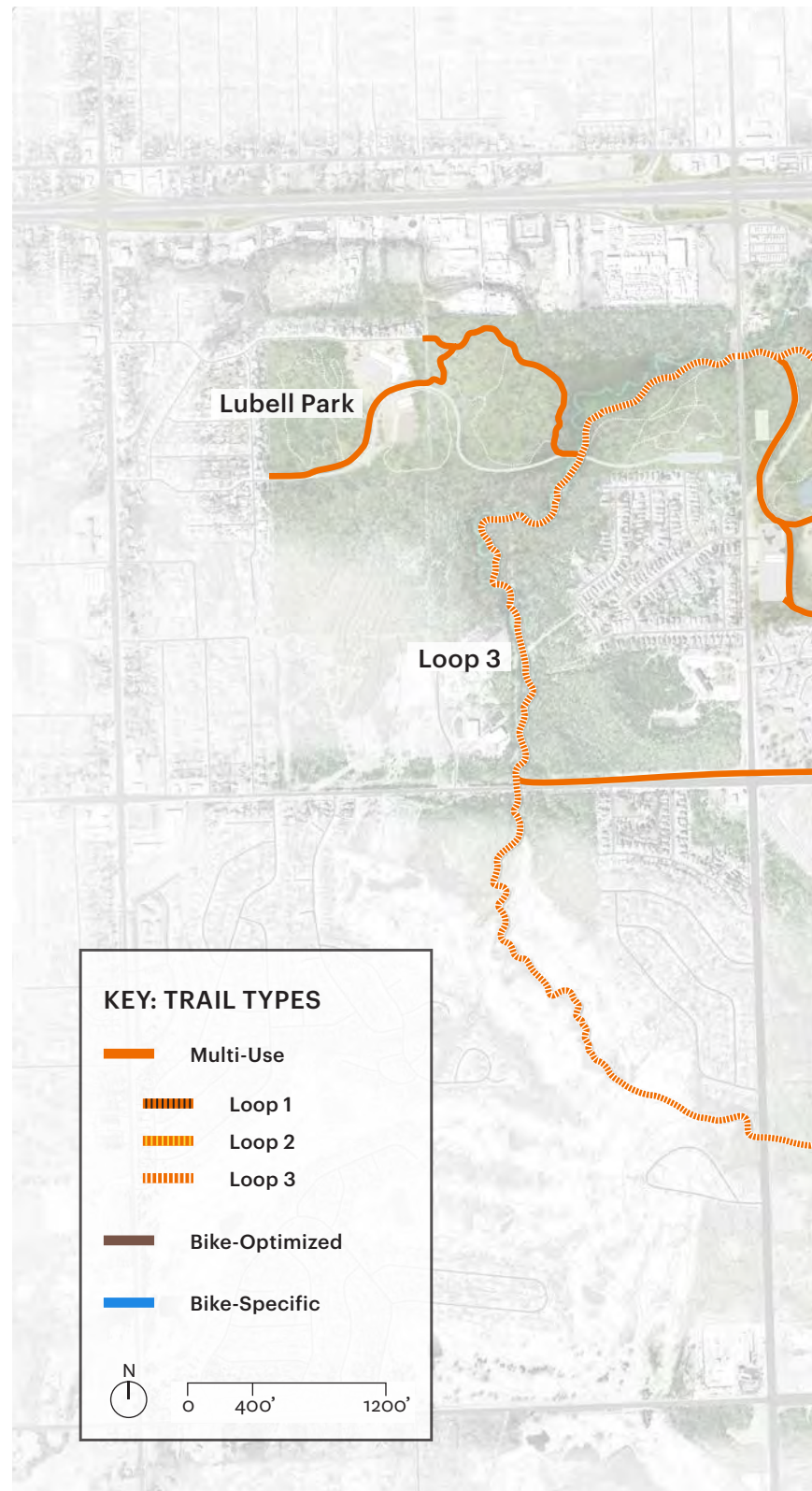
The backbone of the proposed Turkey Mountain trail system consists of wide, two-directional, dirt trails that accommodate all uses. Largely created by enhancing existing high-traffic trails, the multi-use trails form three concentric loops that connect to each other and major entry points. Narrower trails are designed for more specific uses. The system of loops and hierarchy of trail widths will improve users' sense of place—narrow trails lead back to wide trail loops, which lead back to entrances and parking lots—a form of intuitive wayfinding.

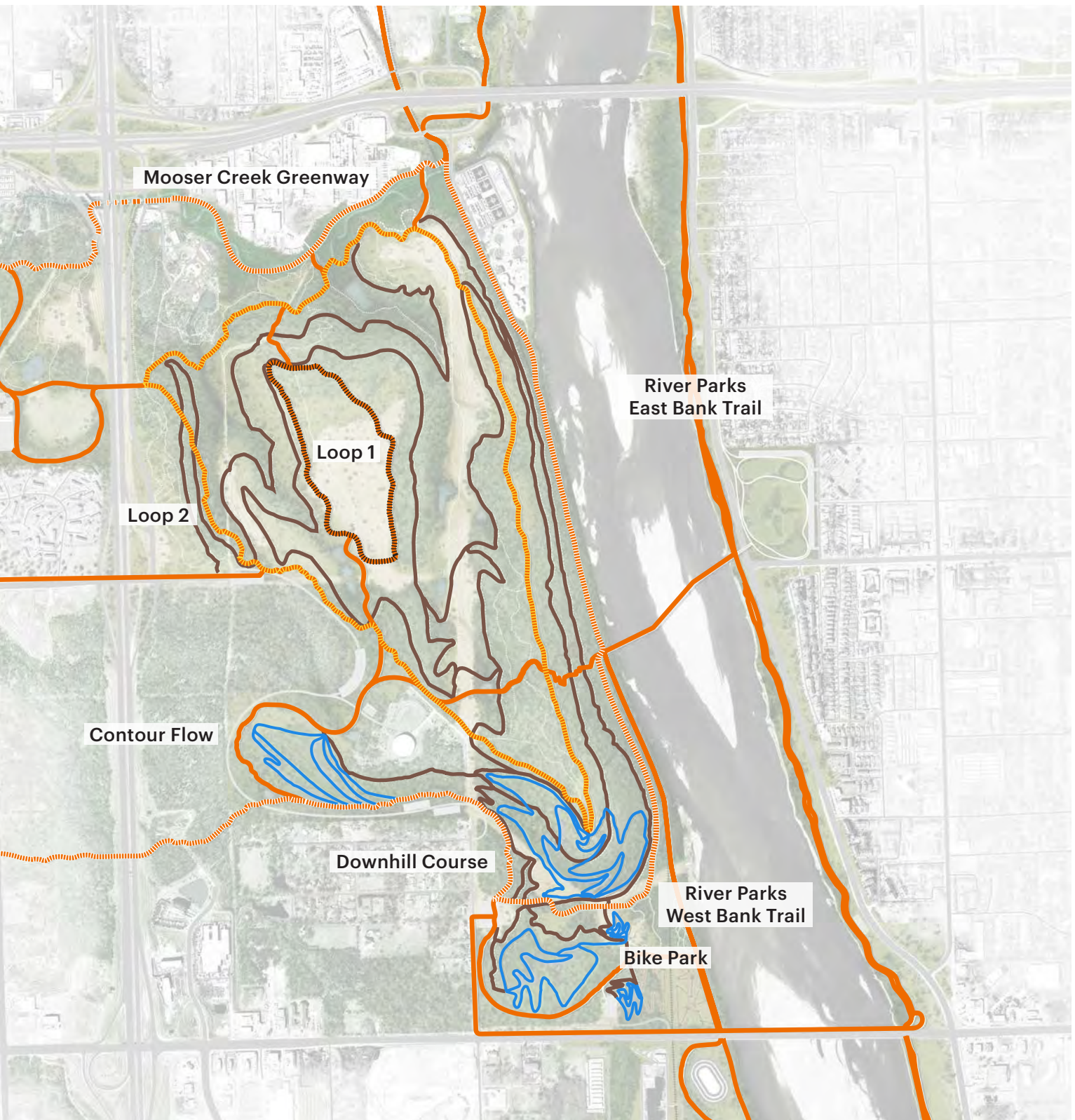
Bike-Optimized Trails Open to All

The narrower, secondary system of two-directional, shared, multi-use dirt trails are safe for all users, but are engineered with bikers in mind. These trails include features such as logs, boardwalks, small obstacles, drops, jumps, and contouring designed for riders, but are always equipped with bailouts and safe paths alongside for runners and hikers to use without conflict.

Bike-Specific Trails

Certain styles of bike trails are unsafe for other users and must be designed as one-directional, bikes-only trails, and clearly marked as such. Turkey Mountain's bike-specific trail system is strategically clustered across the bike park, the steepest terrain on the prow of the mountain, and the property surrounding the water tank in order to reduce conflict with other uses, minimize effort riding between routes and maximize fun for riders.





Trail Types

Diversifying Difficulties, Uses, and Users

Trail Types

Turkey Mountain's core program is its trails. The improved quality and range of trail types has the potential to revive Turkey Mountain as a tourist destination. Biking, hiking, trail running, and horseback riding are the four most popular activities at Turkey Mountain according to the Master Plan survey, and today they take place on the same trails. Years of sharing trails have proven that it's possible to do all of these activities on a shared multi-use trail network, but tailoring sections of trail to each mode of use will broaden the range of challenges, experiences, and fun to be had by each user group. Other routes are designed with the appropriate challenges and needs of adaptive sports participants and disabled users in mind—groups who today have little to no access to Turkey Mountain.

Trail Difficulty

The Master Plan proposes trails of progressive difficulty—easy main trails that everyone can use, and intermediate and advanced trails for veteran users. Whether beginner or advanced, trails will encompass a range of challenges that build the various skills required to tackle more difficult routes. An easy trail does not have to be boring, and an advanced trail does not need to be repetitive. Riders prefer to be challenged by a range of demands.

New Users

Diversifying the type and difficulty of trails will attract new users to Turkey Mountain. Beginner trails enable children and novice adult riders to participate, and the improved quality and range of types has the potential to revive Turkey Mountain as a tourist destination for mountain biking.

Hiking



Horseback Riding



Adaptive Sports / Hand Cycling



Trail Running



Biking



Shared Multi-Use



Technical / Rock Garden



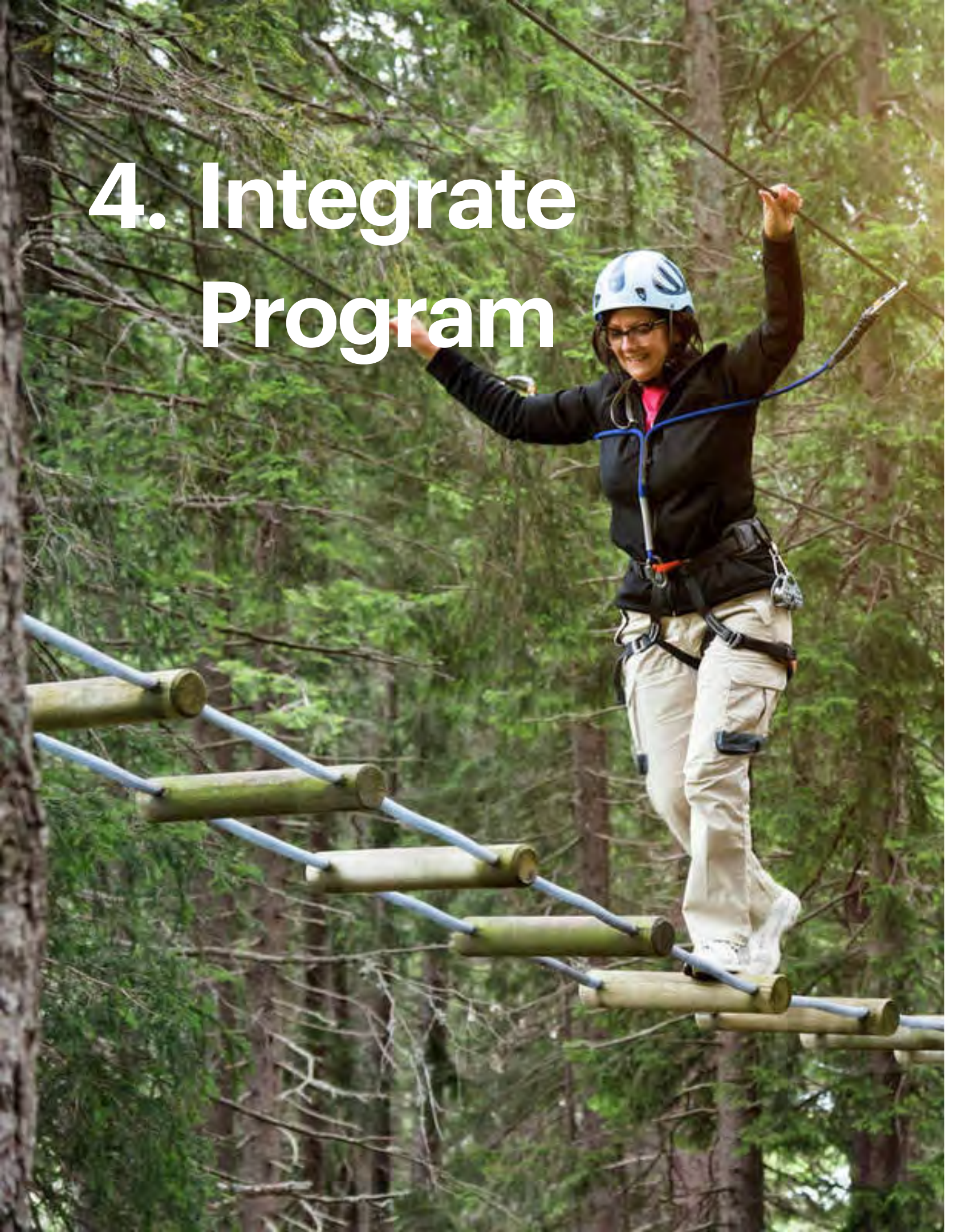
ADA Accessible

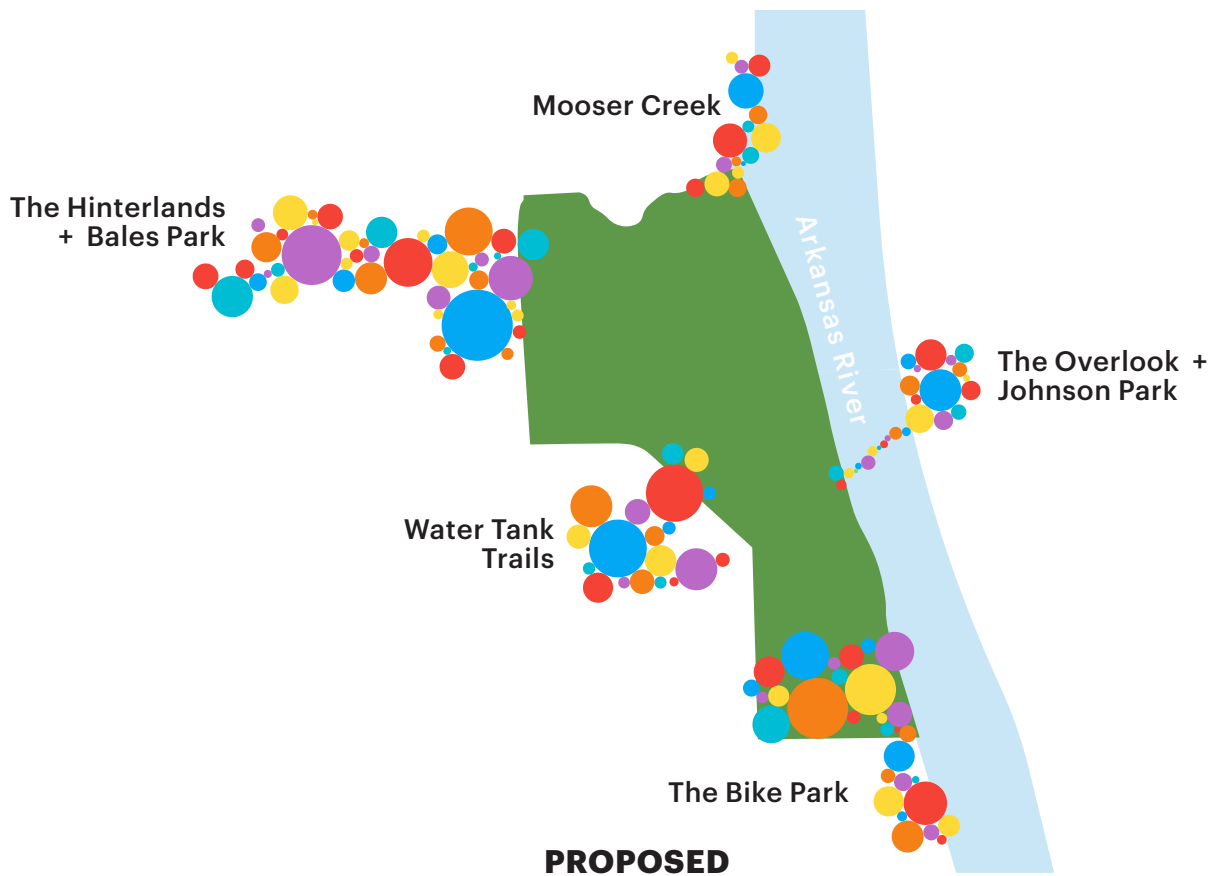
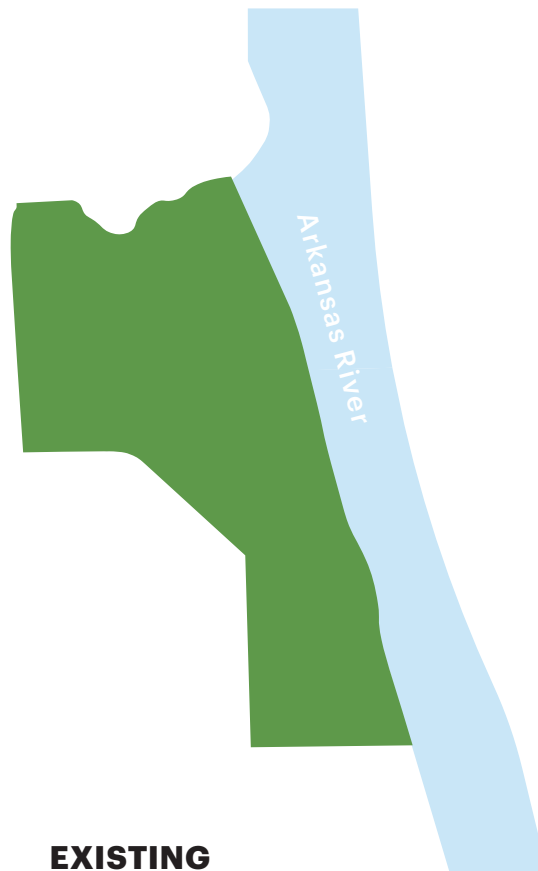


Contour Flow



4. Integrate Program





Mooser Creek and Northern Access

Accessing a Hidden Creek

Greenway and Adaptive Reuse

Restoring the currently inaccessible Mooser Creek corridor with the addition of a multi-use greenway and boardwalks along its length, and a bridge that crosses directly into Turkey Mountain from the north, will provide new access and opportunities to fish and get-downs to experience a lowland riparian landscape that Tulsans have never encountered.

Extending the greenway along the back side of the industrial park to the north has the potential to improve the industrial park site itself. The back of the site could accommodate new facilities that benefit from access to a well-used regional multi-use path.

Northern Approach

North of the creek, along the River Parks West Bank Trail, additional parking lots open onto riverfront picnic areas and boardwalks, enabling families to experience the Arkansas River up close.

Existing Condition





**Restored
Riparian Corridor**

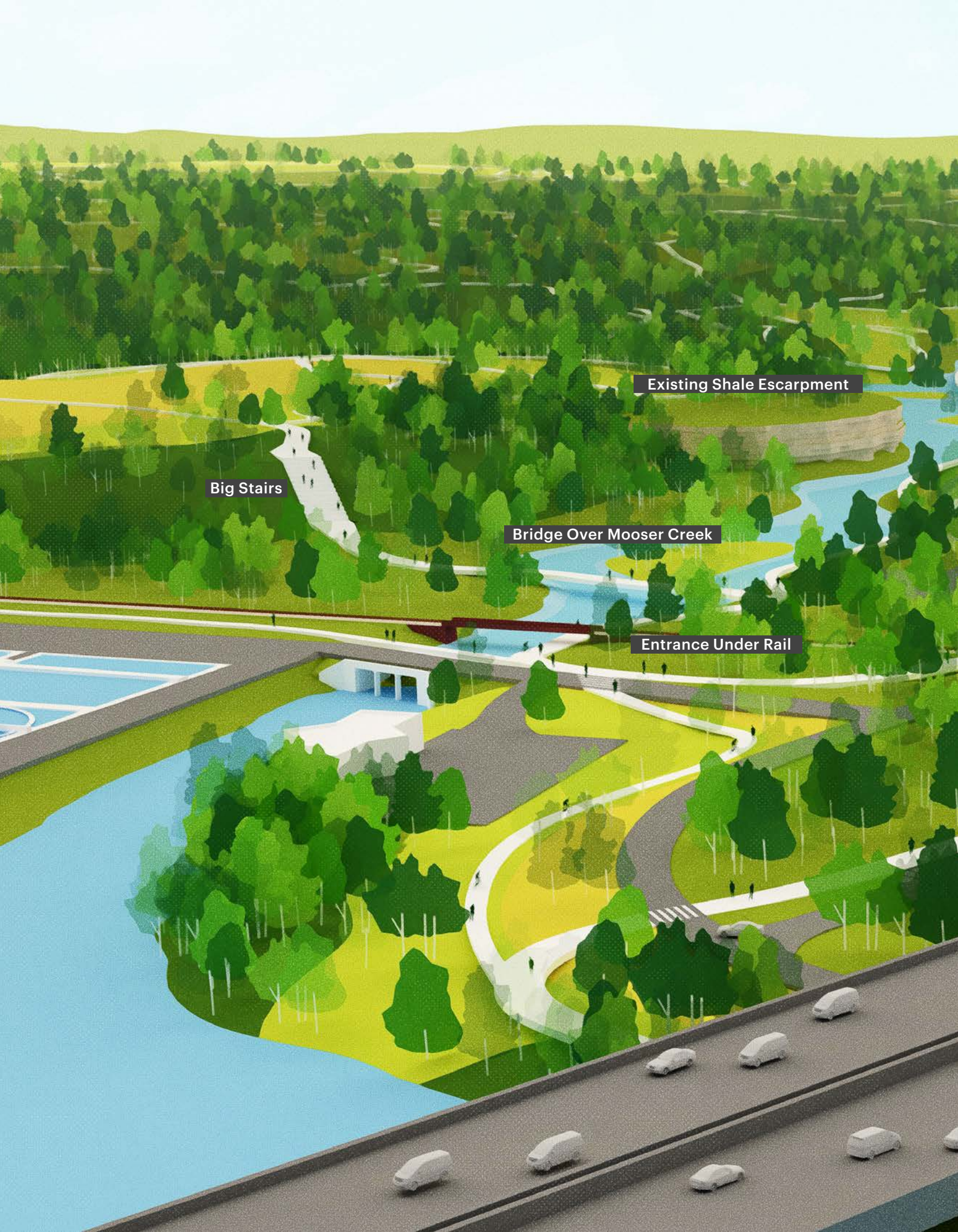
Family Picnicking

Boardwalks

Mooser Bridge

Big Stairs

**Existing Shale
Escarpment**

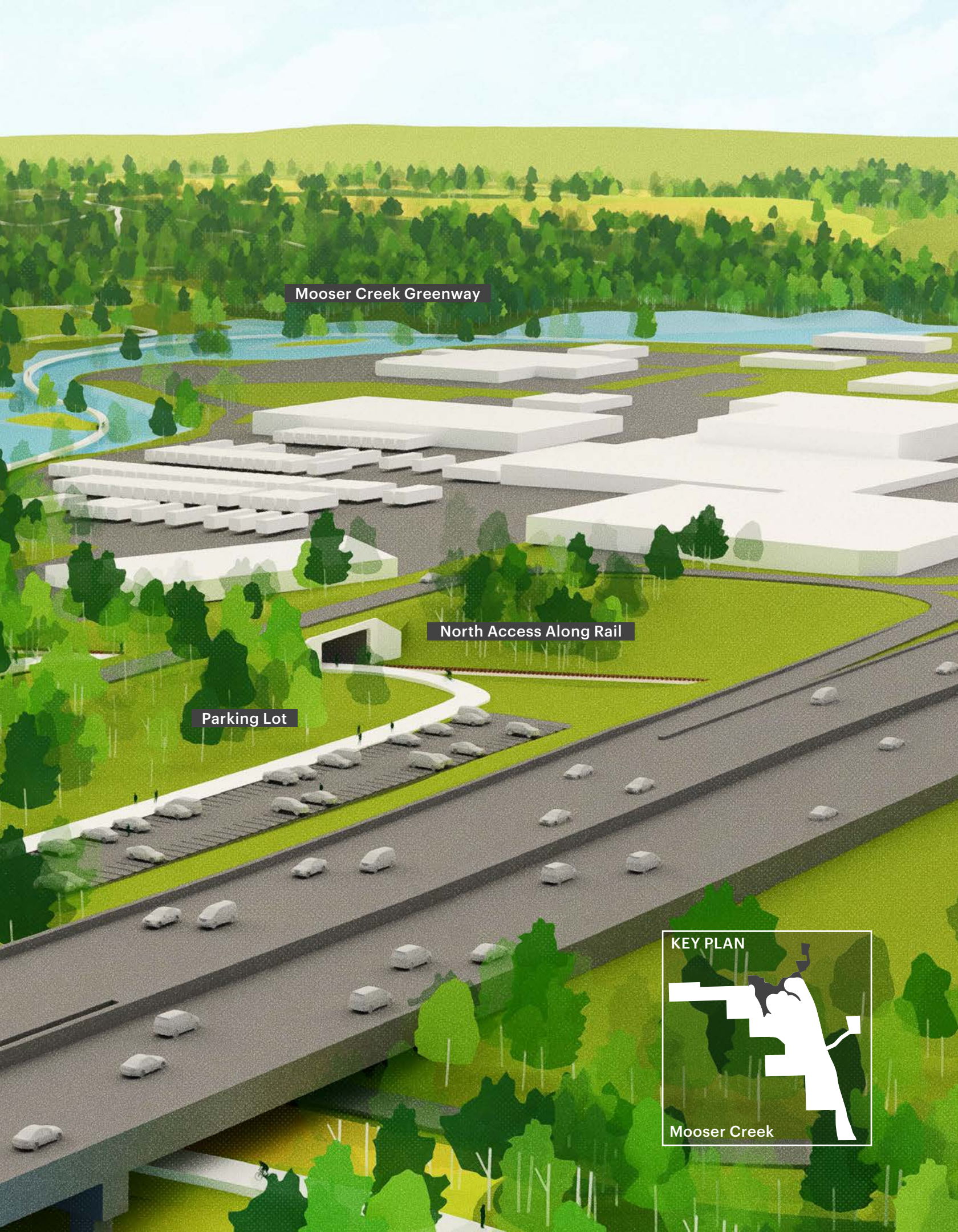


Existing Shale Escarpment

Big Stairs

Bridge Over Mooser Creek

Entrance Under Rail



Mooser Creek Greenway

North Access Along Rail

Parking Lot

KEY PLAN



Mooser Creek

The Hinterlands and Bales Park

Adventure Play and Group Activities

Clustering Supervised Programs

Adventure recreation programming, such as a canopy course or planned group camping, require greater staff involvement. These more intensive programs will be clustered in Bales Park and the Hinterlands where they can be easily supervised from the proposed base of operations in the repurposed Remington School. (Remington would also include a trade school with a maker space.) The Aerial Adventure zip lines and ropes course zigzag through the forest canopy beside a team-building agility course. The proposed youth cooperative equestrian center will expose Tulsa youth to horseback riding as well as the responsibility involved in caring for the horses. Wending their way through these facilities, more miles of trail connect Lubell Park in the west to Turkey Mountain.

A City Park for Civic Events

The proposed relocation of city baseball fields from Bales Park to Johnson Park makes way for an “event lawn” and expanded parking lot that will facilitate large gatherings. An interconnected group of tree houses occupies the woods alongside the event lawn. Beyond the tree houses are picnic pavilions that take advantage of the big view of downtown from the high point of the prairie north of the proposed Bales Bridge. Active programs such as the swimming hole and the archery range are strategically sited adjacent to the other supervised programs in The Hinterlands.

Existing Condition







Picnic Pavilions

Tree House
Village

Bales Bridge

Swimming Hole

Archery Range

Group Camping

Gathering
Lawn Bowl

Flexible Parking
and Event Space

Aerial Adventure

KEY PLAN



The Hinterlands
and Bales Park

The Overlook and Johnson Park

A Route from River to Ridge

Facilitating Easy Visits

For those wanting a brief and easy experience, an ADA-accessible path leads from the water tank parking lot to nearby boardwalks over ponds and then through each landscape—wetland, prairie, savanna, woodland, and forest. These accessible routes then lead to The Overlook, with views of the Arkansas River and Downtown Tulsa. All of this can be experienced in under 30 minutes.

Others approaching from the east and looking for a challenge can enter Turkey Mountain from Johnson Bridge or the River Parks West Bank Trail, climb the Rock Scramble—a steep training feature for runners and a light challenge for the average hiker—and arrive at The Overlook.

Civic Sports Park

The Master Plan positions Johnson Park as a point of entry into Turkey Mountain and as a neighborhood park that is a destination itself. Relocating the baseball fields from Bales Park in conjunction with other new team sports facilities has the potential to remake Johnson Park as a civic sports park capable of holding citywide events. The redesign of Johnson Park would follow a city-led process of public engagement to determine an appropriate mix of sports and other uses.

Existing Condition







Restored Trails

Johnson Bridge

Neighborhood
Sports Park



The Overlook

Rock Scramble

KEY PLAN



The Overlook and
Johnson Park

The Bike Park and Water Tank Trails

A Destination for Riders

More Bikeable Miles of Trail

The Water Tank Trails area expands the core site and reestablishes multi-use trails where the “Lolli-Pop Trails” once were. Top quality bike-specific trails crisscross southern slopes and connect up to the high point of Turkey Mountain’s ridgeline.

Downhill bike trails, cutting through dense forest on the prow of Turkey Mountain’s steepest and most prominent slope, flow directly into The Bike Park, which offers a huge variety of bike trails in one place.


A Destination Bike Park

The main multi-use trail extends through the Bike Park connecting no-pedal, no-brake contour trails; a skills area where riders can practice their technical abilities; the “Northshore” boardwalk course packed with elevated wooden tracks; two jumps parks, poised to host races in collaboration with Tulsa-headquartered BMX USA; and the new outdoor velodrome, offering a potential site for NICA races and other large track cycling events. These two major event venues—the jumps parks and velodrome—flank the 71st Street Bridge, making them highly visible, iconic aspects of Turkey Mountain.

Existing Condition







Bike-Optimized Trails

Downhill
Bike Trails

Spectator
Pavilion

Contour Flow Trail



"Northshore"
Boardwalks

Jumps Park

KEY PLAN



Bike Park and
Watertank Trails