

# Kinnickinnic River Greenway Recreation Plan

River Falls, Wisconsin



Prepared by:

National Park Service - Rivers, Trails and  
Conservation Assistance Program

# A Kinnickinnic River Greenway Corridor Planning Document for River Falls, Wisconsin

FINAL WORK PACKAGE

SEPTEMBER 2025

This document was prepared by the National Park Service - Rivers, Trails, and Conservation Assistance Program for the City of River Falls, Wisconsin.

The **Rivers, Trails and Conservation Assistance (NPS-RTCA)** program supports locally-led conservation and outdoor recreation projects across the United States. NPS-RTCA assists communities and public land managers in developing or restoring parks, conservation areas, rivers, and wildlife habitats, as well as creating outdoor recreation opportunities and programs that engage future generations in the outdoors. Staff provide professional planning, design, and technical expertise while partnering with the community.

The NPS-RTCA program strives to achieve successful project outcomes by engaging communities in visioning, planning, and implementation of each project we are invited to collaborate on. We encourage strong community partnerships and facilitate meaningful engagement to ensure your conservation and outdoor recreation projects last into perpetuity.



**NPS-RTCA**

Rivers, Trails and Conservation Assistance Program



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# EXECUTIVE SUMMARY

In 2023, the City of River Falls (City) invited the National Park Service's Rivers, Trails, and Conservation Assistance Program (NPS-RTCA) to assist with the development of a greenway plan for the Kinnickinnic River. Key elements in the plan include, but are not limited to recreation opportunities, river and trail access points, ADA considerations, and cost estimates. Further assistance was provided by Kansas State University Landscape Architecture students and faculty, who, working closely with NPS-RTCA and City Staff, developed conceptual renderings for the site.

Over the past two years, a core project team, consisting of the City of River Falls and NPS staff, worked to:

- Review previous public engagement efforts.
- Complete site visits to understand the needs of the community and the landscape.
- Develop maps (found throughout this document) using previously gathered public input and the core team's expertise. The maps illustrate the process of designing for recreation opportunities and access for the public, while restoring and protecting the site's natural resources.
- Provide relevant resources and recommendations to help with plan implementation.
- To help turn the vision of Kinnickinnic Greenway Corridor into reality, the NPS-RTCA team recommends:
  - » Sharing this document with local officials and residents. Use it in fundraising and grant-writing efforts, as well.
  - » Engaging the community to prioritize the elements of the conceptual designs and use the input to help develop a Strategic Plan for project implementation.

It is important to note that throughout the design process, considerable attention was given to maintaining a balance between providing outdoor recreation opportunities for the community, that were responsive to the character of the natural environment, and also ensuring that the placement of such recreation amenities could also contribute to the stewardship and/or restoration of the impacted ecosystems. Ideally, the Kinnickinnic River Greenway Recreation Plan (KRGRP) will serve as an example of how to achieve this balance, while serving residents and protecting the corridor's natural heritage.



# ADDITIONAL COLLABORATORS

**KANSAS STATE UNIVERSITY** LANDSCAPE ARCHITECTURE AND REGIONAL & COMMUNITY PLANNING  
THE COLLEGE of ARCHITECTURE, PLANNING & DESIGN // K-STATE

## Kansas State University

Students provide communities across the Midwest with planning and design support. The University's vision is to bring the time, talent, and energy of students and faculty together with community partners seeking to create robust, vibrant places. These projects strive to protect the health of the environment, enhance quality of life, and build support for open spaces, parks, trails, and community development projects that will make communities stronger and more economically competitive.



## University of Wisconsin - River Falls

The University of Wisconsin - River Falls aimed to provide students enrolled in the Ecological Restoration Institute professional development experience focused on river system health, data collection, and planning processes related to the nearby Kinnickinnic Greenway Corridor. Students provided valuable information based on their experiences with the river, including observations of usage patterns, barriers to access, youth engagement, and more. The photo to the right depicts information gathered from the students about the riverway.



# PLANNING DOCUMENTS

The detailed concept outdoor recreation plans that are illustrated in this document have been informed by previous recent planning work within the Kinnickinnic River corridor and the City of River Falls. On this page are three important recent examples that the core team paid strong attention to.

## Kinni Corridor Plan - 2017

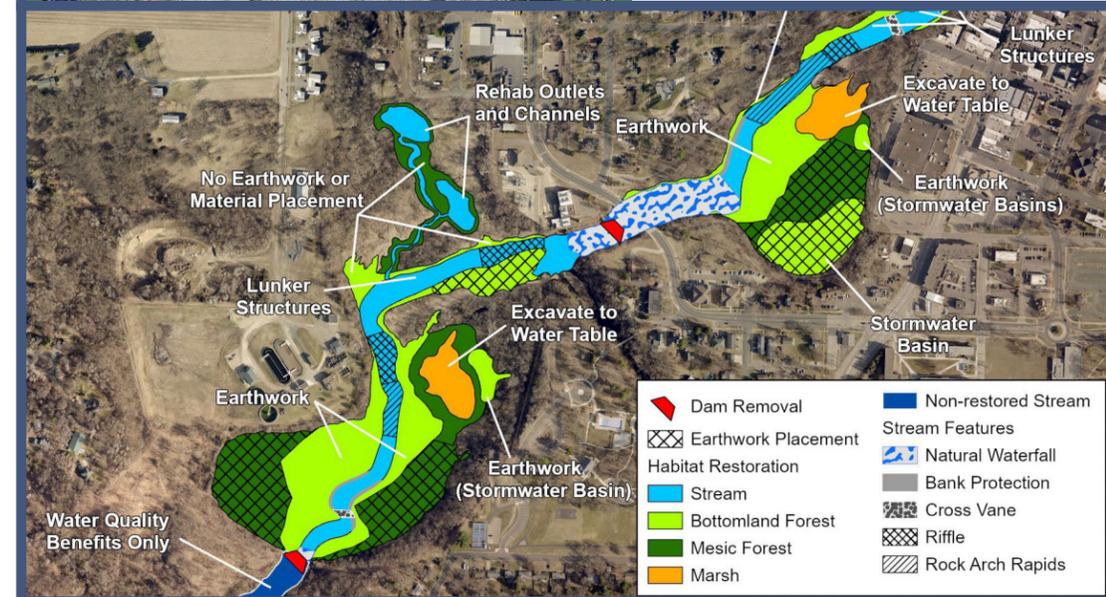
The Kinni Corridor Plan is a high-level concept document. Since its publication, there have been changes in the study area that necessitate modification of some of the elements in the Kinni Corridor Plan. The Park Service and City of River Falls staff worked to understand what the changes were and explore the design and implementation of alternatives based on those changes.

## Focus River Fall: Outdoor Recreation Plan - 2023

The outdoor recreation plan that the city of River Falls developed in 2023 contains the most recent results of a public participation process in which city residents were able to communicate what their priorities are for outdoor recreation. This document compiled the status of the outdoor recreation offerings, gathered the public sentiment about what changes should be implemented concerning outdoor recreation, and summarized the goals around development of future outdoor recreation amenities, citywide.

## Army Corps of Engineers CAP 206 Planning Work – 2024 and Ongoing

The feasibility assessment of dam removal and ecosystem restoration on land within the City of River Falls is the impetus for the outdoor recreation planning work illustrated in this document. The City of River Falls wants to ensure that any large-scale landscape restoration efforts do not happen in isolation but include public access for the enjoyment and appreciation of the enhancements that the US Army Corp of Engineers is designing. The tentatively selected plan served as a foundational layer that undergirded all the detailed recreation concepts that are illustrated and cost-estimated in this document.



# PROJECT TIMELINE

## Spring 2023

Midwest NPS RTCA team scoring, review, and award of technical assistance from RTCA and Hydropower Assistance Program Team.

## 2023-2024

Internal NPS review of planning documents: Kinni Corridor Plan, River Falls planning documents, USACE CAP 206 plan.

## June 2024

Initial site visit and project orientation

## July 2024

Engagement with University of Wisconsin - River Falls students

## Sept 2024 - April 2025

Additional site visits.

## June 2024 - Sept 2025

GIS data assembly and mapping.

## Nov 2024 - Aug 2025

Detailed concept design work.

## July 2025

Open house.

## August 2025 - Present

Regularly scheduled calls between the City of River Falls and NPS RTCA staff to review work and discuss direction.

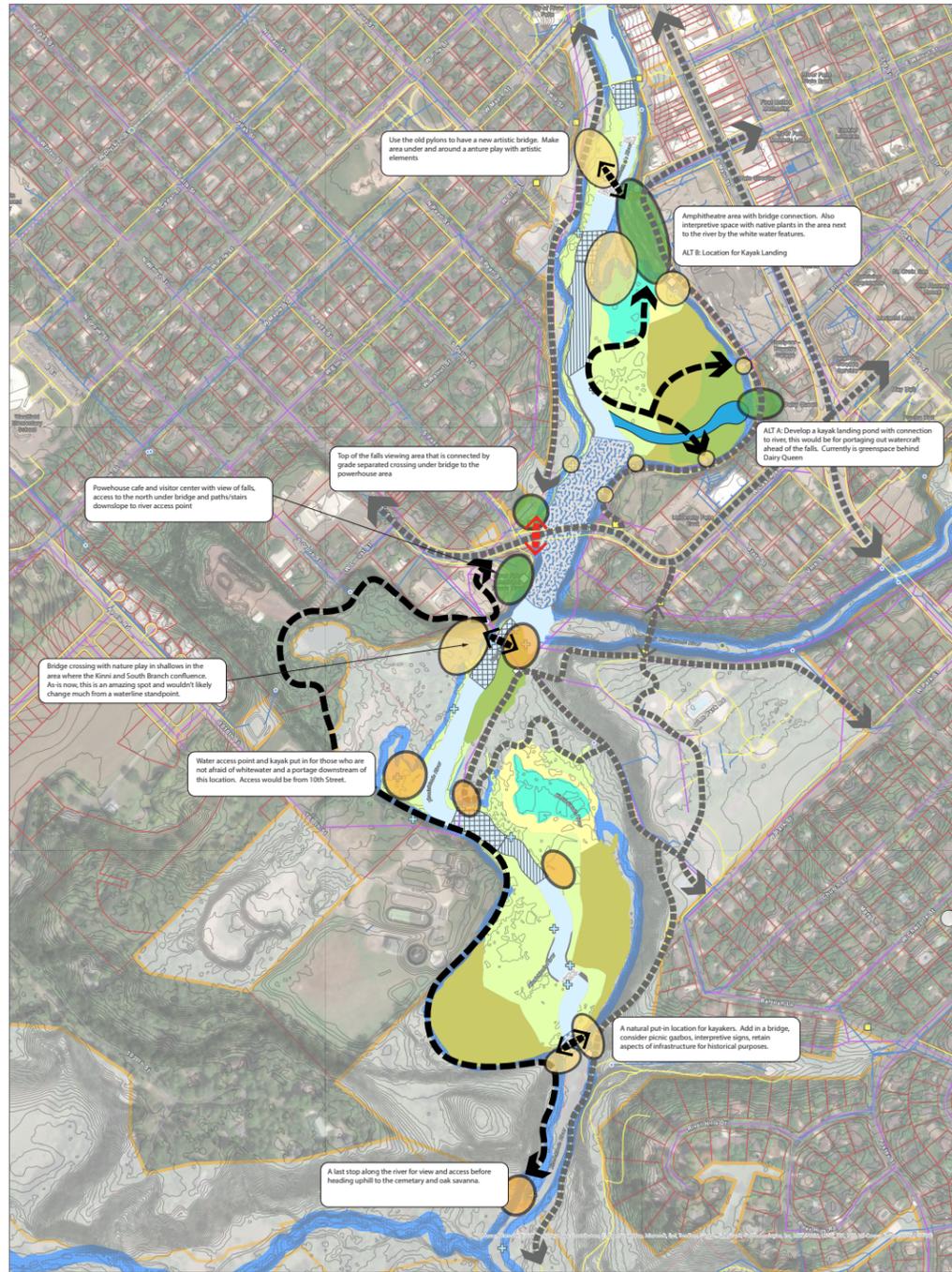
# SECTION I: BUBBLE MAPS

This section includes two (2) bubble maps that served the purpose of recreation opportunity discovery. The NPS assembled all available information about the site into a series of basemaps. Among the foundational inputs for the basemaps were the original Kinni Corder Illustrated Plan maps and available GIS data, including contour lines, street and sidewalk networks, property boundaries, sewer outfalls, trailhead locations, and a 35-foot vegetated buffer along the Connecticut River. Additional layers included the city's transportation loop from the 2023 Recreation Plan, proposed grade-separated crossings, potential bridge locations, proposed intersection improvements, and proposed enhanced pedestrian crossings. The initial preferred alternative from the Army Corps of Engineers' CAP 206 program was also incorporated.

Due to the extensive amount of site information and the visual limitation of including all this information into one clean legible layer, the site information was assembled into a series of basemaps with the designations of A, B and C. All of the map type designations were used for the analysis and proposals that NPS made to the City of River Falls, however, not all of the basemaps are shown. NPS elected to use one of the three basemap types as the basis for communicating about the recreation opportunities; the omitted maps contained alternative data layers that were ultimately deemed less helpful in communicating about the outdoor recreation opportunities.

Overlaying basemap data layers are bubble diagrams featuring iconography and hashed lines to indicate potential outdoor recreation amenities or trail corridor opportunities. The maps displayed are the maps that were shared with the City of River Falls staff for comment and feedback. All feedback received from city staff on these maps was used to inform the detailed concept design work that is illustrated in subsequent work products.

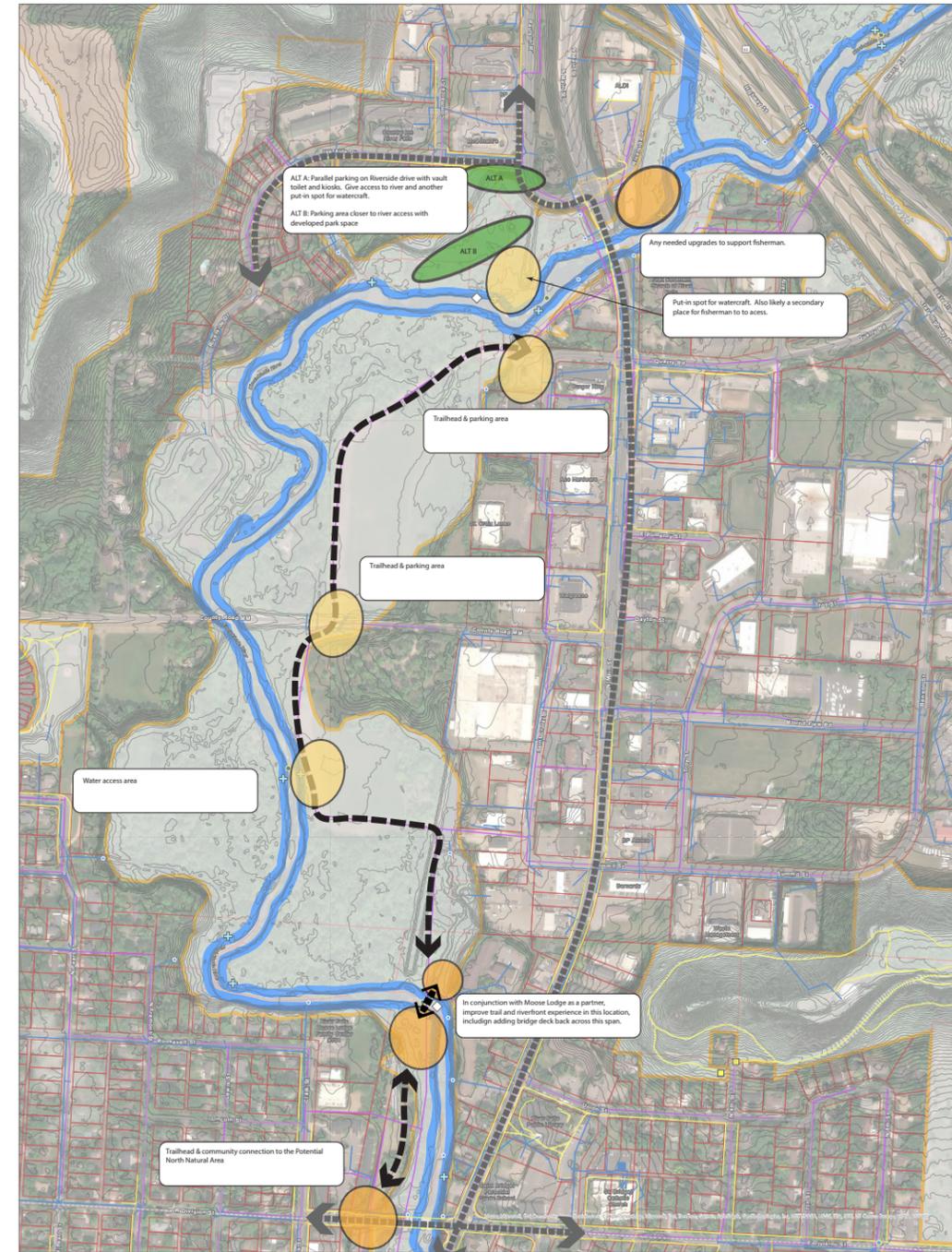
Please see Appendix I for full page bubble maps.



Map 1 (left) depicts the area starting around the Lake George reservoir and below, to a bit south of Powell Dam. The dotted lines and arrows depict proposed trails or bridges. The ovals depict proposed zones for recreation.



Map 2 (right) depicts the area starting around Riverside Drive and below, ending in the South at West Division Street. Again, the dotted lines and arrows depict proposed trails or bridges. The ovals depict proposed zones for recreation.



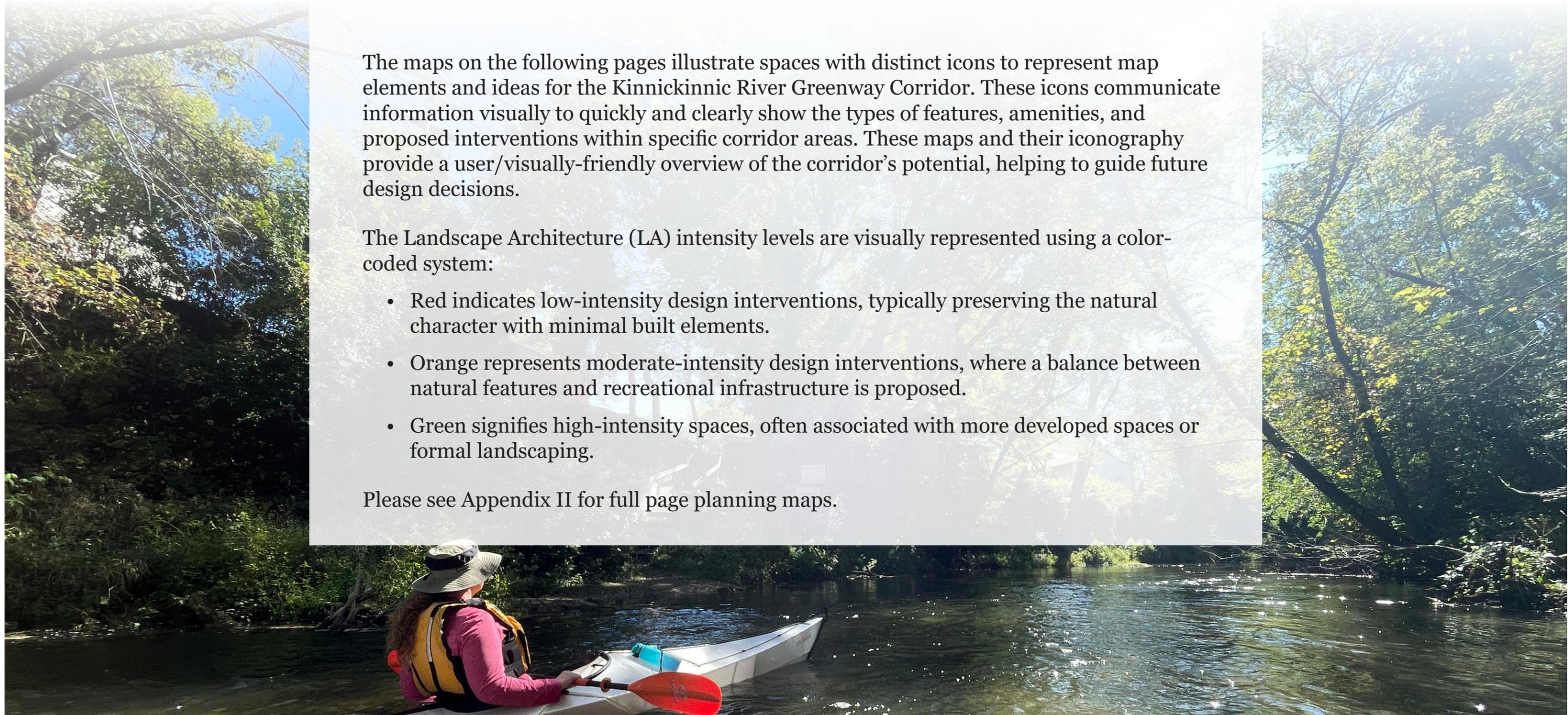
# SECTION II: PLANNING MAPS

The maps on the following pages illustrate spaces with distinct icons to represent map elements and ideas for the Kinnickinnic River Greenway Corridor. These icons communicate information visually to quickly and clearly show the types of features, amenities, and proposed interventions within specific corridor areas. These maps and their iconography provide a user/visually-friendly overview of the corridor's potential, helping to guide future design decisions.

The Landscape Architecture (LA) intensity levels are visually represented using a color-coded system:

- Red indicates low-intensity design interventions, typically preserving the natural character with minimal built elements.
- Orange represents moderate-intensity design interventions, where a balance between natural features and recreational infrastructure is proposed.
- Green signifies high-intensity spaces, often associated with more developed spaces or formal landscaping.

Please see Appendix II for full page planning maps.



Within the three (3) intensity color-coded levels, there are various icons to represent different types of Landscape Architecture treatments, for example, trails, playgrounds, parking, scenic view, amphitheatre, and more. Please see the icon legend to the right for detailed information.

### Light Landscape Architecture Treatment

-  Dining
-  Visitor Center
-  Fishing Access
-  Snowshoeing
-  Restroom
-  Electric Car Charging Station
-  Interpretive Trail/Art Trail
-  Parking
-  ADA Access Built Into Facilities
-  Swimming Area
-  X-Country Skiing
-  Shelter/Pavillion
-  Nature Play Area
-  Play Ground
-  Canoe/Kayak Launch & Landing Site
-  Picnic Area
-  Natural Surface Hiking Trails
-  Mountain Bike Trails or Skills Area
-  First Aid Station
-  Observation Platform
-  Dept of Tourism Selfie Station

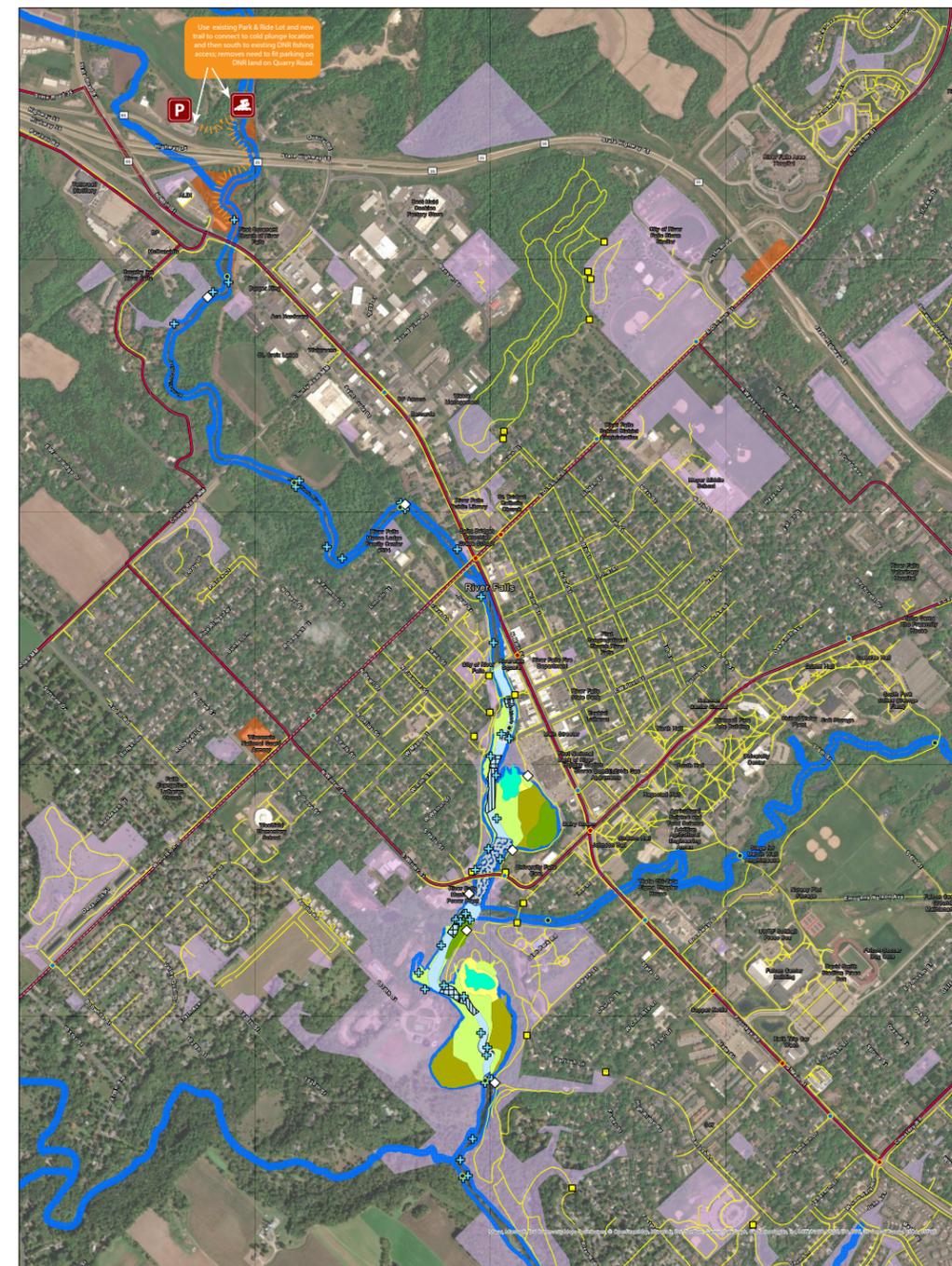
### Moderate Landscape Architecture Treatment

-  Dining
-  Visitor Center
-  Fishing Access
-  Snowshoeing
-  Restroom
-  Electric Car Charging Station
-  Interpretive Trail/Art Trail
-  Parking
-  ADA Access Built Into Facilities
-  Swimming Area
-  X-Country Skiing
-  Shelter/Pavillion
-  Nature Play Area
-  Play Ground
-  Canoe/Kayak Launch & Landing Site
-  Picnic Area
-  Natural Surface Hiking Trails
-  Mountain Bike Trails or Skills Area
-  First Aid Station
-  Observation Platform
-  Dept of Tourism Selfie Station
-  Trailhead
-  Bridge
-  Scenic View
-  Wading Area

### Intensive Landscape Architecture Treatment

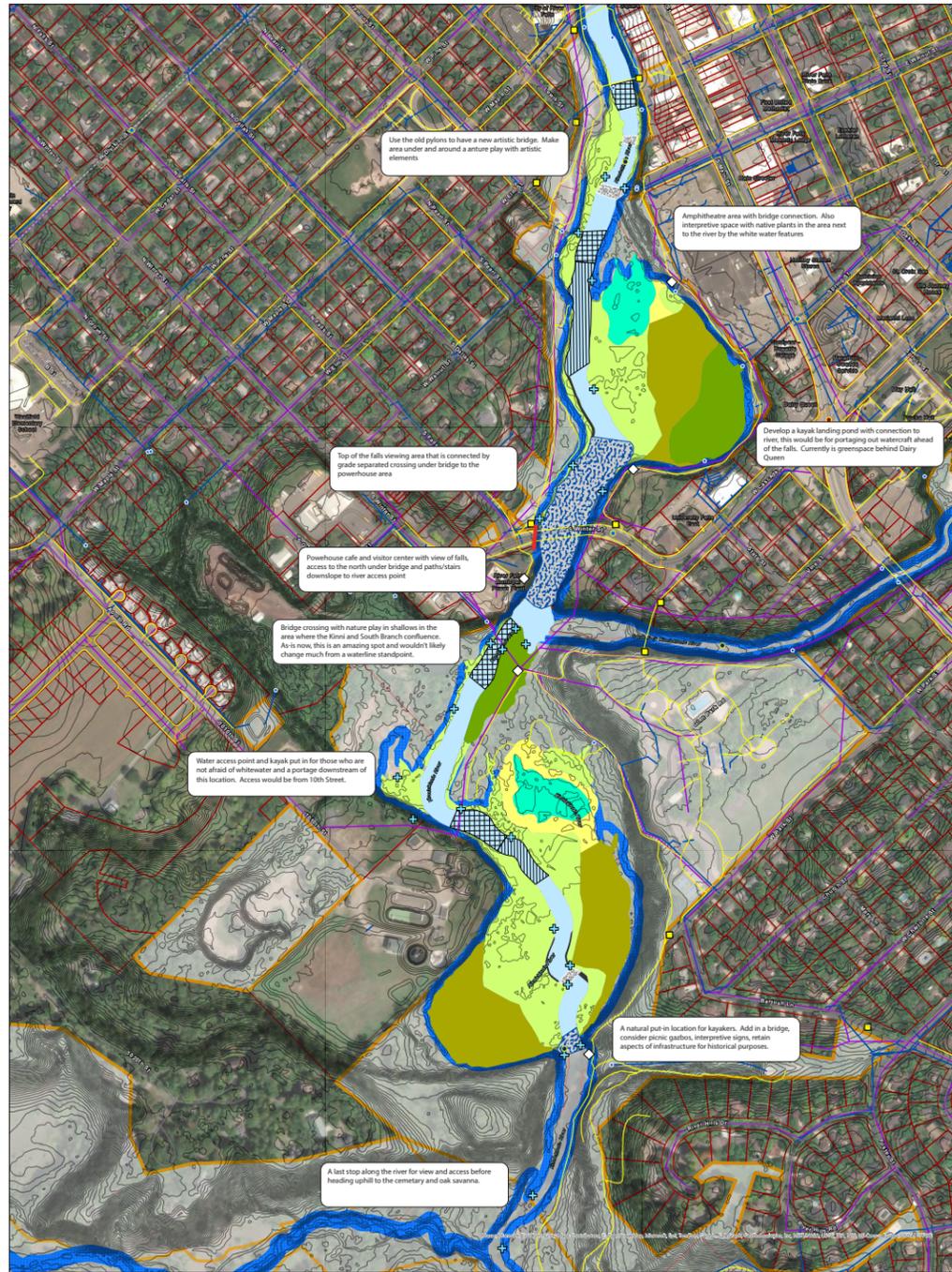
-  Dining
-  Visitor Center
-  Fishing Access
-  Restroom
-  Electric Car Charging Station
-  Interpretive Trail/Art Trail
-  Parking
-  ADA Access Built Into Facilities
-  Swimming Area
-  X-Country Skiing
-  Shelter/Pavillion
-  Nature Play Area
-  Play Ground
-  Canoe/Kayak Launch & Landing Site
-  Picnic Area
-  Natural Surface Hiking Trails
-  Mountain Bike Trails or Skills Area
-  First Aid Station
-  Observation Platform
-  Dept of Tourism Selfie Station
-  Trailhead
-  Bridge
-  Scenic View
-  Amphitheatre
-  Under Bridge Pedestrian Crossing
-  Elevated Structural Walkway

Overview Map B depicts the overall overview of the Corridor. This map focuses on illustrating land ownership, USACE CAP206 restoration efforts, transportation information, NPS proposed access sites, recreation improvements, and scene rendering locations.



**NPS & River Falls Kinnickinnic River Overview Map B | September 2024** 1,000 Feet

<p><b>Spot Bike Ped Improvements Recommendation</b></p> <ul style="list-style-type: none"> <li>● Enhanced Crossing</li> <li>● Intersection Improvement</li> <li>● Grade Separated Crossing</li> <li>● Bridge</li> </ul> <p>⊕ NPS Proposed River Access Sites</p> <p><b>Scene Renders</b></p> <ul style="list-style-type: none"> <li>◇ KState</li> </ul>	<ul style="list-style-type: none"> <li>■ City of River Falls Land</li> <li>■ Wisconsin DNR Land</li> <li>— Sidewalks and Trails</li> <li>— Comp Plan 2023 City Transp. Loop</li> <li>— 35' Vegetation Buffer</li> <li>— Hard Surface Trail</li> <li>— Corridor Opportunity</li> <li>■ Trailhead</li> </ul>	<p><b>CAP206 Restoration Categories</b></p> <ul style="list-style-type: none"> <li>■ Stream</li> <li>■ Bottomland Forest + Earthwork</li> <li>■ Mesic Forest + Earthwork</li> <li>■ Marsh</li> <li>■ Bottomland Forest</li> <li>■ Mesic Forest</li> </ul> <ul style="list-style-type: none"> <li>■ Rock Arch Rapids</li> <li>■ Riffle</li> <li>■ Natural Waterfall</li> <li>■ Cross Vane</li> <li>■ Bank Protection</li> </ul>
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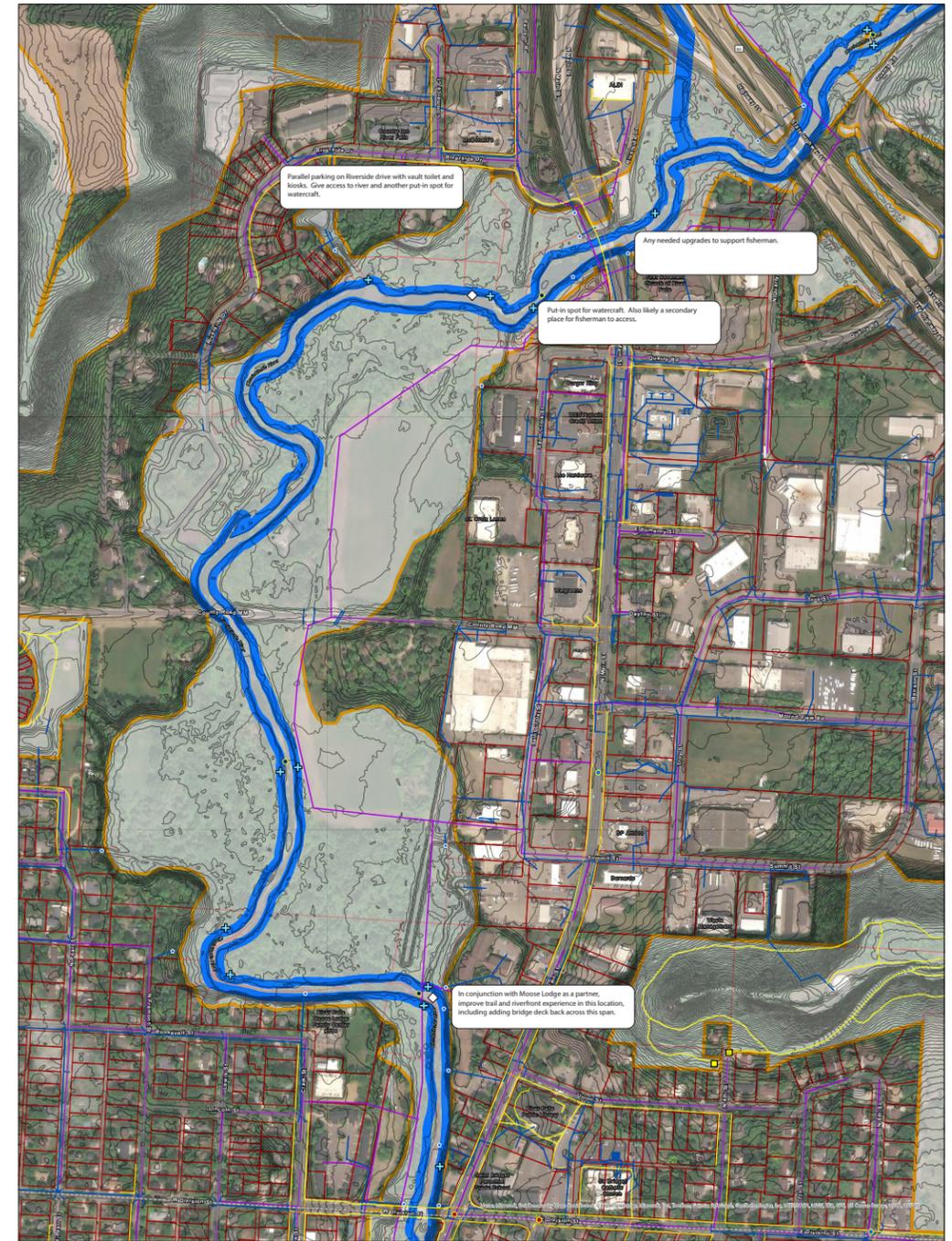


NPS & River Falls Kinnickinnic River Planning | Map 1 | September 2024 400 Feet

- |  |   |   |
|--|---|---|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> <li>NPS Proposed River Access Sites</li> </ul> | <ul style="list-style-type: none"> <li>Outfalls</li> <li>Stormwater Pipes</li> <li>Sanitary Sewer Lines</li> <li>Crosswalks</li> <li>Sidewalks and Trails</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>Green Corridors</li> <li>Parcel Boundaries</li> <li>Trailhead</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul> |
| <b>Scene Renders</b><br><ul style="list-style-type: none"> <li>KState</li> </ul>   |   |   |

Map 1 (left) depicts the area of the Corridor from a bit north of West Maple Street to a bit south of Powell Falls Dam. This map focuses on illustrating land ownership, forest types, USACE CAP206 restoration efforts, contour lines, stormwater pipes, outfalls, sewer lines, NPS proposed access sites, river view image locations, and proposed scene rendering locations.

Map 2 (right) depicts the area of the Corridor from Riverside Drive to a West Maple Street. Similar to Map1B, this map focuses on illustrating land ownership, forest types, USACE CAP206 restoration efforts, contour lines, stormwater pipes, outfalls, sewer lines, NPS proposed access sites, river view image locations, and proposed scene rendering locations.



NPS & River Falls Kinnickinnic River Planning | Map 2 | September 2024 480 Feet

- |  |   |   |
|--|---|---|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> <li>NPS Proposed River Access Sites</li> </ul> | <ul style="list-style-type: none"> <li>Outfalls</li> <li>Stormwater Pipes</li> <li>Sanitary Sewer Lines</li> <li>Crosswalks</li> <li>Sidewalks and Trails</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>Green Corridors</li> <li>Parcel Boundaries</li> <li>Trailhead</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul> |
| <b>Scene Renders</b><br><ul style="list-style-type: none"> <li>KState</li> </ul>   |   |   |



Map 1C (left) depicts the area of the Corridor from north of West Maple Street to a bit south of Powell Falls Dam. This map was developed to visualize valid recreation ideas as called for in the Kinni Corridor Plan (map overlaid from page 5-20), adopted city plans, the USACE CAP206 plan, and new ideas from the NPS. This map with all of the valid recreation ideas served as the basis for outdoor recreation planning.



Map 2C (right) depicts the area of the Corridor from Riverside Drive in the north down to West Maple Street. This map was developed to visualize proposed recreation concepts, drawing from the Kinni Corridor Plan (map overlaid from page 5-20) and the Focus River Fall: Outdoor Recreation Plan. This map served as a planning tool to assess existing conditions, identify gaps, and highlight areas requiring updates or further consideration.

**NPS & River Falls Kinnickinnic River Planning Map 1C | September 2024**

Kinni Corridor Plan Map Overlay is Displayed  
 35' Vegetation Buffer  
 CAP206 Stream Extent  
 Bottomland Forest + Earthwork  
 Mesic Forest + Earthwork  
 Marsh  
 Bottomland Forest  
 Mesic Forest  
 Rock Arch Rapids  
 Riffle  
 Natural Waterfall  
 Cross Vane  
 Bank Protection  
 NPS Proposed River Access Sites  
 Trailhead  
 Proposed KState Scene Renders  
**Spot Bike Ped Improvements Recommendation**  
 Enhanced Crossing  
 Intersection Improvement  
 Sidewalks and Trails  
 Grade Separated Crossing  
 Bridge  
 Comp Plan 2023 City Transp. Loop

**NPS & River Falls Kinnickinnic River Planning Map 2C | September 2024**

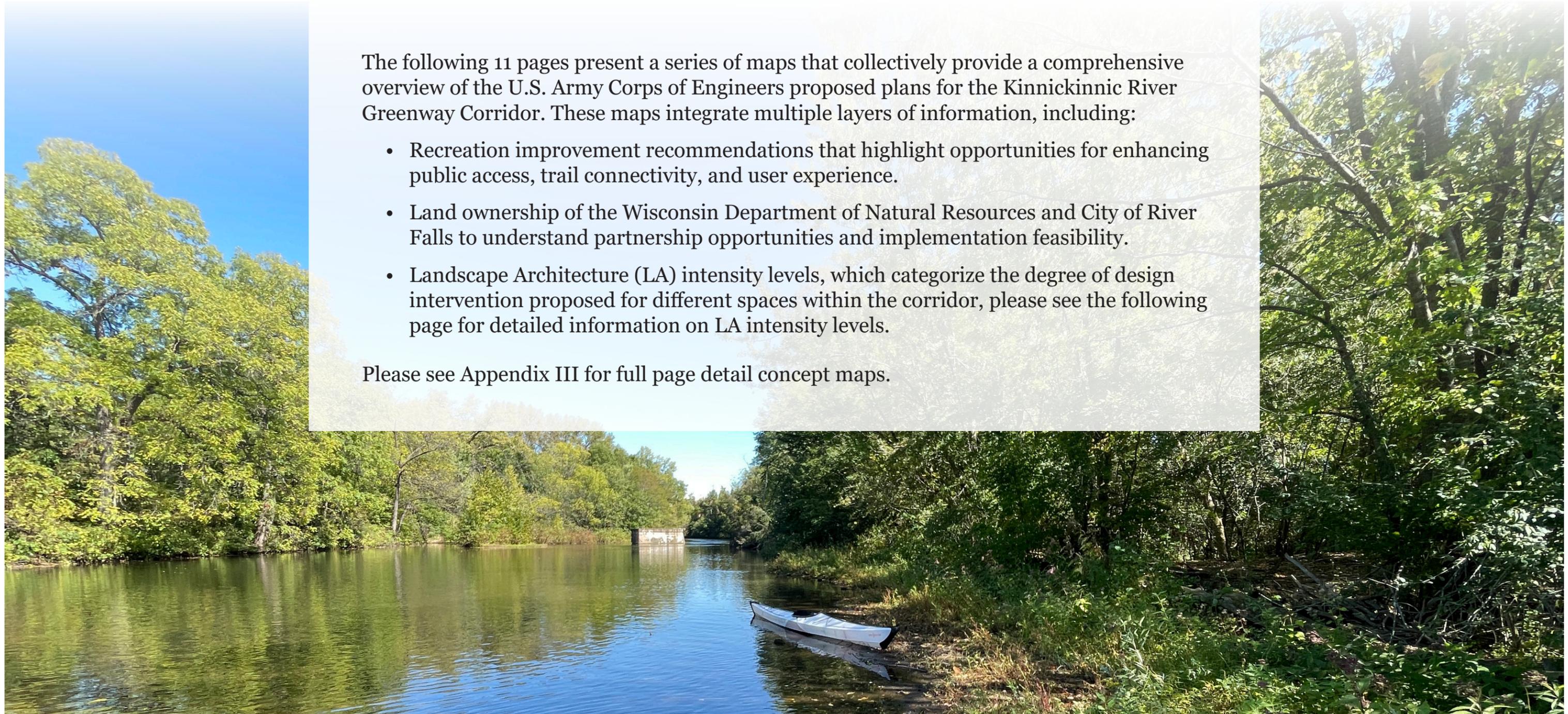
Kinni Corridor Plan Map Overlay is Displayed  
 35' Vegetation Buffer  
 CAP206 Stream Extent  
 Bottomland Forest + Earthwork  
 Mesic Forest + Earthwork  
 Marsh  
 Bottomland Forest  
 Mesic Forest  
 Rock Arch Rapids  
 Riffle  
 Natural Waterfall  
 Cross Vane  
 Bank Protection  
 NPS Proposed River Access Sites  
 Trailhead  
 Proposed KState Scene Renders  
**Spot Bike Ped Improvements Recommendation**  
 Enhanced Crossing  
 Intersection Improvement  
 Sidewalks and Trails  
 Grade Separated Crossing  
 Bridge  
 Comp Plan 2023 City Transp. Loop  
 Hard Surface Trail  
 Corridor Opportunity

# SECTION III: DETAIL CONCEPT MAPS

The following 11 pages present a series of maps that collectively provide a comprehensive overview of the U.S. Army Corps of Engineers proposed plans for the Kinnickinnic River Greenway Corridor. These maps integrate multiple layers of information, including:

- Recreation improvement recommendations that highlight opportunities for enhancing public access, trail connectivity, and user experience.
- Land ownership of the Wisconsin Department of Natural Resources and City of River Falls to understand partnership opportunities and implementation feasibility.
- Landscape Architecture (LA) intensity levels, which categorize the degree of design intervention proposed for different spaces within the corridor, please see the following page for detailed information on LA intensity levels.

Please see Appendix III for full page detail concept maps.



Overview Map A provides an entire overview planning ideas including linework of detailed concept plans and recreation ideas. Map A strives to bring all of the planning process together in a completed vision. The extent of the map starts in the north around West Division Street, and it ends south of Powell Falls Dam.

Quarry Road Area

Riverside Drive

Powell Ave

Cedar Street Area

Compost Site

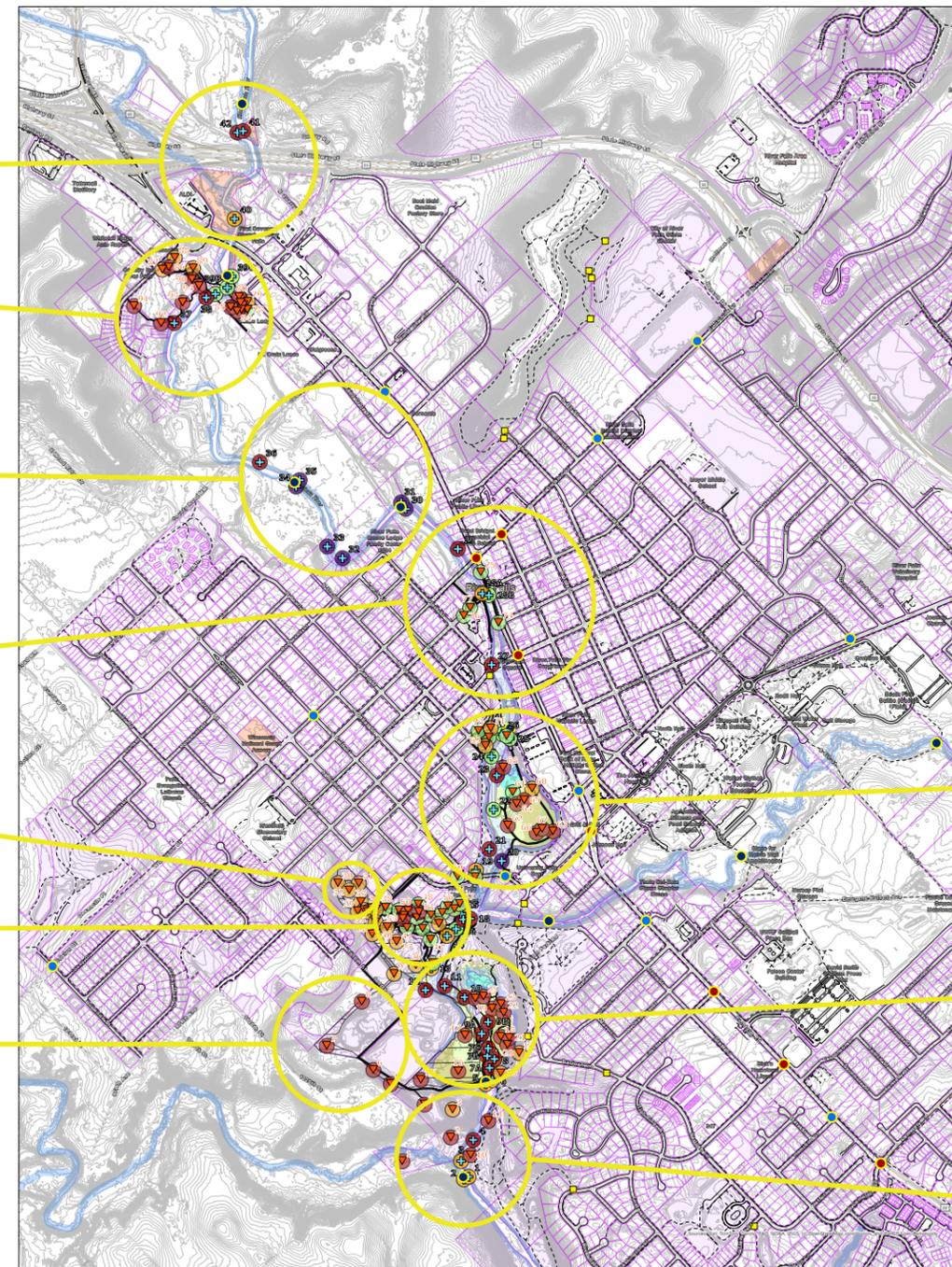
Spring Ponds

Treatment Plant

Lake George

Lake Louise

South of Powell Dam



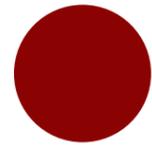
NPS & River Falls Kinnickinnic River Overview Map A | September 2025

1,000 Feet

- |   |   |   |   |  |
|---|---|---|---|--|
| <p><b>Spot Bike Ped Improvements Recommendation</b></p> <ul style="list-style-type: none"> <li>● Enhanced Crossing</li> <li>● Intersection Improvement</li> <li>● Grade Separated Crossing</li> <li>● Bridge</li> </ul> | <p>▲ NPS Proposed Recreation Programs</p> <p>⊕ NPS Proposed River Access Sites</p> <p><b>Landscape Architecture Intensity Level</b></p> <ul style="list-style-type: none"> <li>● Low</li> <li>● Moderate</li> <li>● High</li> <li>● Future Opportunity</li> </ul> | <p>— Outdoor Recreation Amenities</p> <ul style="list-style-type: none"> <li>--- Sidewalks and Trails</li> <li>■ Trailhead</li> <li>— Street Outlines</li> <li>— 2' Contour Line</li> <li>■ 35' Vegetation Buffer</li> <li>■ City of River Falls Land</li> <li>■ Wisconsin DNR Land</li> <li>■ Parcel Boundaries</li> </ul> | <p><b>CAP206 Restoration Categories</b></p> <ul style="list-style-type: none"> <li>■ Stream</li> <li>■ Bottomland Forest + Earthwork</li> <li>■ Mesic Forest + Earthwork</li> <li>■ Marsh</li> <li>■ Bottomland Forest</li> <li>■ Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>■ Rock Arch Rapids</li> <li>■ Riffle</li> <li>■ Natural Waterfall</li> <li>■ Cross Vane</li> <li>■ Bank Protection</li> </ul> |
|---|---|---|---|--|

# INTENSITY LEVELS

The Landscape Architecture (LA) intensity levels are visually represented using a color-coded system:



Red indicates low-intensity design interventions, integrating human-made features into the landscape that provide recreation access in a way that does not appear overly engineered or heavy-handed. It may involve movable or temporary elements as well as permanent elements that use natural materials such as stone or wood in creative ways.



Orange represents moderate-intensity design interventions, integrating human-made features into the landscape to provide recreation access in a way that is clearly visible, but not dominant; edges are clearly defined, topography is clearer, and construction detailing is more precise.



Green signifies high-intensity spaces, often involving human-made features into the landscape to provide recreation access in a way that is highly architectural with strong form. Natural materials, such as plants, stone, and wood are fitted into the overall design. Materials such as cut stone, dark colored metals, and hardened surfaces (concrete/asphalt) and well-behaved plant varieties are likely materials



Purple represents a future opportunity, where future analysis and decisions may be needed.

# RIVER ACCESS LOCATIONS TABLE

The River Access Locations table provides a detailed reference for NPS-RTCA proposed access points along the Kinnickinnic River Corridor. Each access point is assigned a unique number that corresponds to a blue plus symbol on the accompanying map. This system enables planning and design team members to efficiently cross-reference between mapped features and descriptive site information.

The table supports planning, design, and operational coordination by clearly identifying where river-based recreation infrastructure is concentrated or needed. It also facilitates communication among project partners by linking mapped features to specific site information. The inclusion of both existing and proposed access points allows for a comprehensive understanding of current conditions and future opportunities.

Location	LA Level	Notes	Inspiration Precedent
1	Moderate	Landowner has expressed interest, crossing opportunity	
2	Moderate	Landowner has expressed interest, crossing opportunity	Shirley Chisolm State Park bridge
3	Moderate	Use is uncertain, but access is desired	
4	Low	Hiking trail, descends from former dam and connects to Foster Cemetery	
5	Moderate	Bridge crossing across remnant dam foundation; trail access down to river	La Rosa Reserve Stream daylighting
6	Moderate	Bridge crossing across remnant dam foundation; improved kayak launch	
7A	Low	Fishing access along shoreline; grading and stonework to delineate up and down stream access extent	
7B	Low	Fishing access along shoreline; grading and stonework to delineate up and down stream access extent	
7C	Low	Fishing access along shoreline; grading and stonework to delineate up and down stream access extent	
8	Low	Gathering space OR outdoor classroom.	
9A	Low	Fishing access along shoreline; grading and stonework to delineate up and down stream access extent	
9B	Low	Fishing access along shoreline; grading and stonework to delineate up and down stream access extent	
10	Low	Contemplative space/seating element	Shirley Chisolm State Park shoreline
11	Low	Hiking trail	River Forest Island
12	Low	Upland viewing area AND/OR riverside trail/boardwalk for MTB access	Trailhead, nature center, parking, art, overlook; mountain bike trails, outlook
13	Moderate	Viewing area with seating near to stream confluence with river; elevated deck with boardwalk approach	
14	Moderate	Viewing area with seating near pond overflow into river; elevated deck	
15	Moderate	Viewing area with seating near spring seep	Tikkurila waterfront eastern park area - rocky access
16	High	Suspension Bridge	Tikkurila waterfront eastern park area - rocky access
17	Low	Packed aggregate ADA trail loop providing access to riverbank	Tikkurila waterfront eastern park area - rocky access
18	Low	Packed aggregate ADA trail loop providing access to riverbank	Tikkurila waterfront eastern park area - rocky access
19	Moderate	Improved trailhead with view to falls	Tikkurila waterfront eastern park area - rocky access; wide view pg 56
20	Future Potential	Access type TBD	(NPS has notes to remove this from consideration)
21	Low	Viewing area to falls	White pathway low access/overlook; Meshersky Forest pg 22
22	High	Shoreline fishing pier	Girona's shores pg 11; Meshersky Forest pg 20 (and the fishing dock)
23	Low	Picnic and gathering area	Classroom; Girona's shores pg 9
24	High	Kayak landing or swimming area; swimming area may be preferred	Market square and river garden pg 79; but cut limestone, rougher edge look
25	High	Bridge over river and potential riverfront stairs/ramp to access shoreline	Market square and river garden pg 79; but cut limestone, rougher edge look
26	High	Kayak landing or swimming area; kayak landing area may be preferred	this whole area: Vancouver waterfront park pg 102 & 105 & 100, Recover Tison pg 80, Manfallpark Rsenheim pg 37
27	Low	Viewing area; above OR at shoreline	Tikkurila Waterfront Eastern Park Area pg 54 & 55
28A	Moderate	Full access kayak launch or landing site	Tikkurila Waterfront Eastern Park Area pg 54 & 55
28B	High	Cantilevered boardwalk	
29	Low	Viewing area from the parking lot area	Overlook
30	Future Potential	Bridge across old RR crossing	Bridge to handle emergency services; La Rosa Reserve Stream Daylighting pg 30
31	Future Potential	Bridge across old RR crossing	Bridge to handle emergency services; La Rosa Reserve Stream Daylighting pg 30
32	Future Potential	Access type TBD	
33	Future Potential	Access type TBD	
34	Future Potential	Access type TBD	
35	Future Potential	Access type TBD	
36	Low	Fishing Access	
37	Low	Natural surface trail to stone riverbank	(Not indicated, but likely the same as location 38)
38	Low	Natural surface trail to stone riverbank	Gironas shores pg 11 & 9 & 7, Sandgrund park pg 52, Meshersky Forest pg 21 & 19, Les Jardins de Metis pg 4
39A	High	Bridge alignment option A	
39B	High	Bridge alignment option B	
39C	High	Bridge alignment option C	classroom space; Girona's shores pg 11; Meshersky Forest pg 20
40	Moderate	Riverbank improvements for fishing in conjunction with DNR	
41	Low	Cold plunge access from Quarry Road via trail	
42	Low	Shoreline trail from Park & Ride and continues downstream	

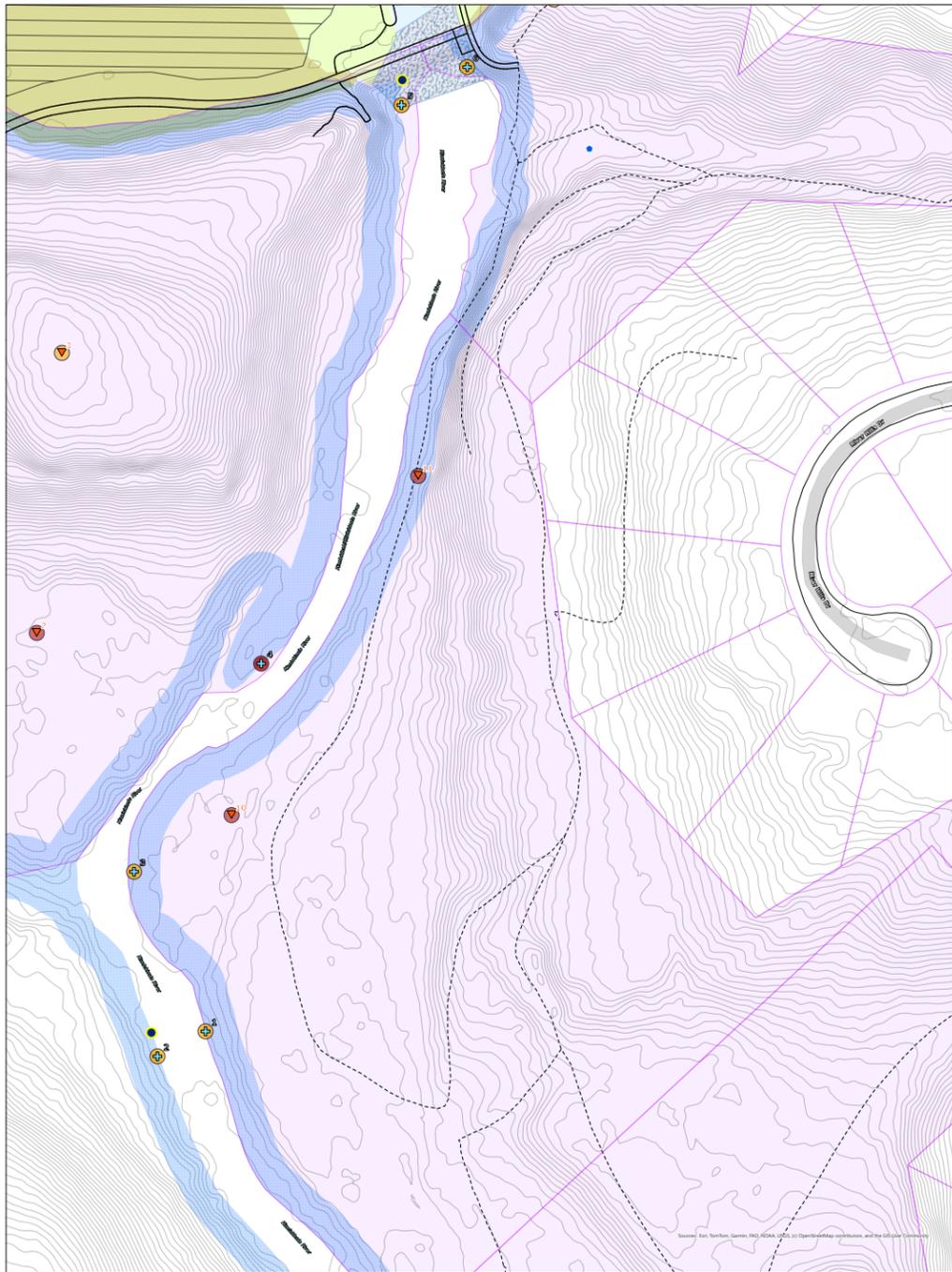
# LANDSCAPE RECREATION AMENITIES TABLE

The Landscape Recreation Amenities table provides a detailed reference for NPS-RTCA proposed land-based recreation features located within the broader Kinnickinnic River Corridor. Each amenity is represented by an orange triangle on the map and is assigned a corresponding number in the table. This system enables planning and design team members to efficiently cross-reference between mapped features and descriptive site information.

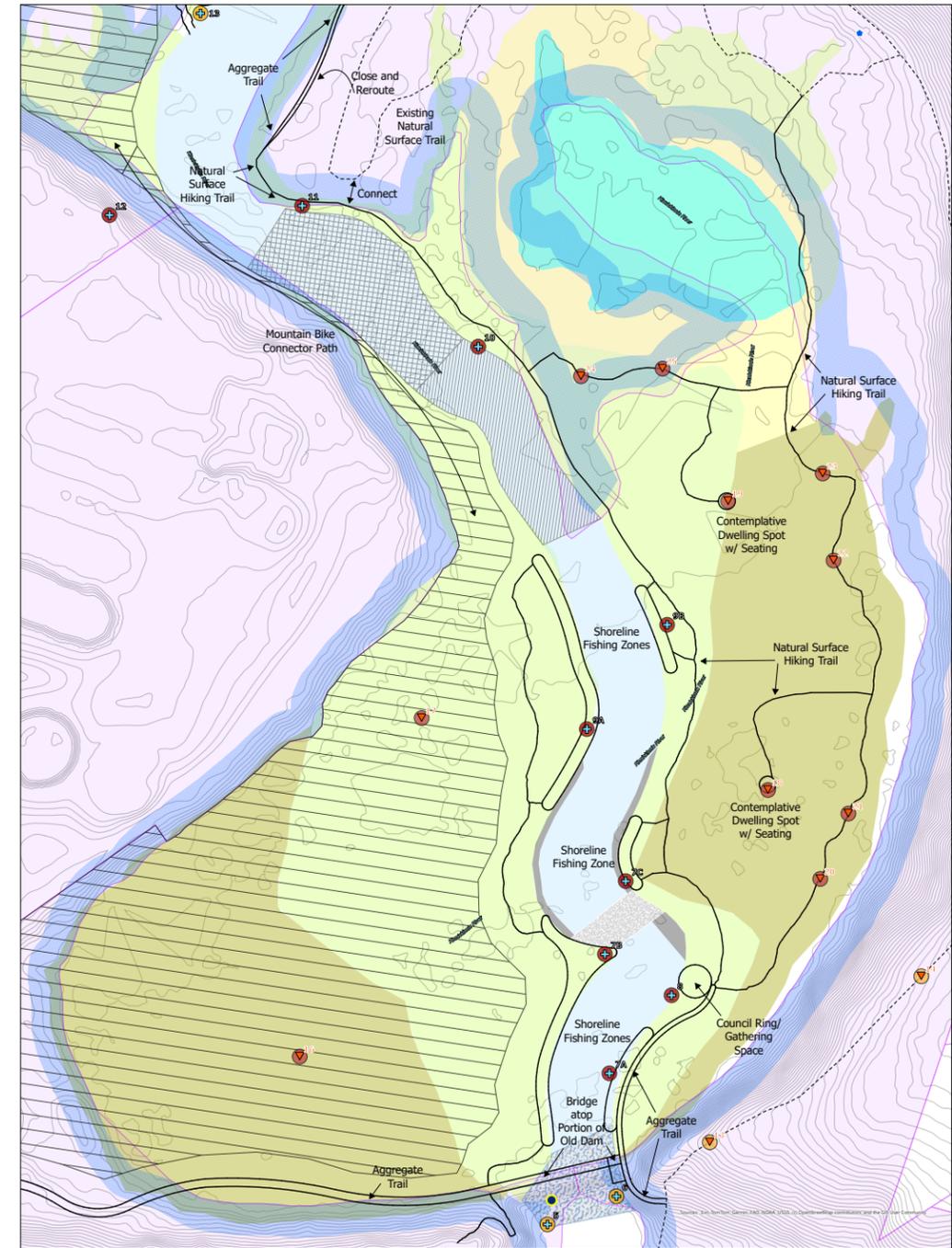
The table supports strategic planning and partnership coordination by highlighting the distribution of non-river recreation assets across the landscape. These amenities may include trails, overlooks, gathering spaces, or interpretive features that enhance the recreational value of the corridor beyond direct river access.

Location	LA Level	Programs
1	Low	Hiking Trail
2	Low	Hiking Trail
3	Moderate	Interpretive Walk
4	Low	Hiking Trail
5	Low	Hiking & MTB Trails
6	Low	Hiking & MTB Trails
7	Low	MTB Trail
8	Low	MTB Trail
9	Moderate	MTB Trail
10	Low	Hiking Trail & View Point
11	Low	Hiking Trail & View Point
13	Moderate	Portage Trail
14	Moderate	Portage Trail
15	Low	MTB Trail
16	Low	MTB Trail
17	Low	MTB Trail
18	Low	Contemplative Seating Area
19	Low	Contemplative Seating Area
20	Low	Hiking Trail
21	Low	Snowshoeing Trail
22	Low	Hiking Trail
23	Low	Snowshoeing Trail
24	Low	Hiking Trail
25	Low	Snowshoeing Trail
26	Moderate	MTB Trail & Stormwater Basins
27	Moderate	MTB Trail
28	Moderate	MTB Trail
29	Moderate	MTB Trail
30	Moderate	MTB Trail
31	Moderate	MTB Trail
32	Moderate	Pump Track & MTB Skills Course
33	Moderate	Pump Track & MTB Skills Course
34	Moderate	Pavilion & Restroom
35	Moderate	Trailhead Kiosk(s)
36	High	Parking Lot
37	Moderate	Stormwater Wetland
38	High	Trailhead Kiosk(s)
39	Moderate	ADA Aggregate Trail
40	Moderate	ADA Aggregate Trail
41	High	Bridge
42	High	Boardwalk
43	High	Boardwalk
44	High	Boardwalk
45	Moderate	Picnic Area

Location	LA Level	Programs
46	High	Trailhead Kiosk(s)
47	High	ADA Hard Surface Trail
48	High	ADA Hard Surface Trail
49	High	ADA Hard Surface Trail
50	Low	Oak Savanna Restoration
51	Low	Oak Savanna Restoration
52	Moderate	Interpretive Overlook
53	Low	Historic Features
54	High	ADA Hard Surface Ramp with Rest Intervals
55	High	View Point
56	High	Outdoor Features of Powerhouse Visitor Center
57	High	Outdoor Features of Powerhouse Visitor Center
58	High	Under Bridge Trail Crossing
59	High	Parking Lot
60	Moderate	ADA Aggregate Trail
61	High	Boardwalk
62	Low	ADA Aggregate Trail
63	Low	ADA Aggregate Trail
64	Low	Interpretive Walk
65	Low	Snowshoeing Trail
66	Low	Interpretive Walk
67	Low	Snowshoeing Trail
68	Low	Picnic Area
69	Moderate	Nature Play Area
70	High	Amphitheater
71	Moderate	Nature Play Area
72	High	Bridge
73	High	On-Street Parking
74	High	Cantilevered Boardwalk
75	High	Cantilevered Boardwalk
76	High	On-Street Parking
77	High	Watercraft Loading Zone
78	High	Parking Lot
79	Moderate	Picnic Area
80	Low	Nature Play Area
81	High	Pavillion & Restroom
82	Moderate	Trailhead Kiosk(s)
83	Low	Land Art Installation
84	Low	Hiking Trail
85	Low	Land Art Installation
86	Low	Land Art Installation
87	Moderate	ADA Hard Surface Trail Option 1
88	Moderate	ADA Hard Surface Trail Option 2
89	Moderate	ADA Hard Surface Trail
90	Low	Nature Play Area
91	Low	Aggregate Maintenance Access & Hiking Trail
92	Low	Hiking Trail
93	Low	Hiking Trail
94	Low	Hiking Trail



The South of Powell Dam map (left) depicts the extent from south of Powell Dam, to a bit north of Powell Dam. There are 6 points that were reviewed in this section of the corridor.



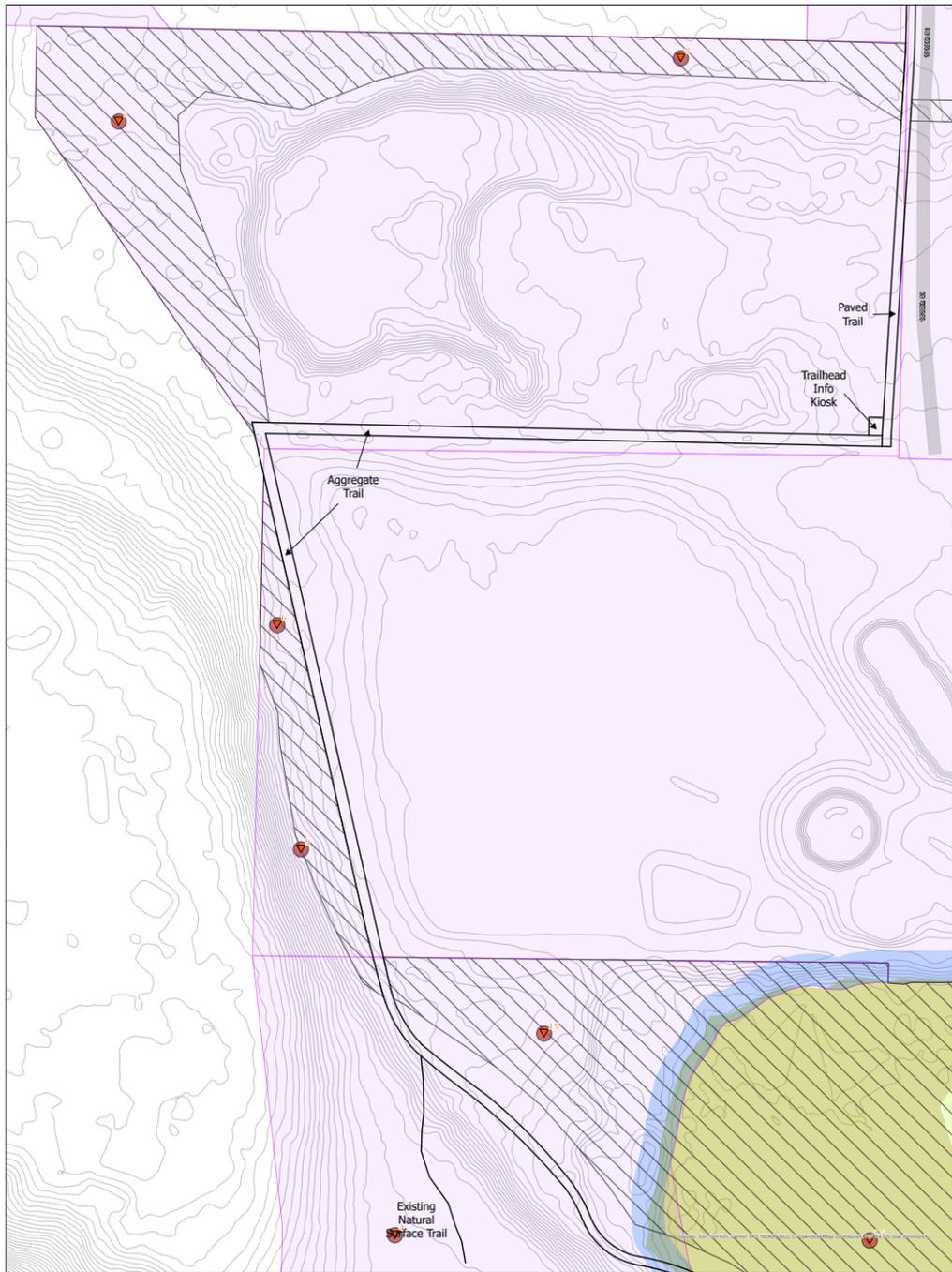
The Lake Louise map (right) begins at Powell Dam and heads north through the previous reservoir area to a sharp river bend.

River Falls Kinnickinnic River Concept | South of Powell Dam | July 2025

- |   |   |  |   |  |
|---|---|--|---|--|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>● Enhanced Crossing</li> <li>● Intersection Improvement</li> <li>● Grade Separated Crossing</li> <li>● Bridge</li> </ul> | <ul style="list-style-type: none"> <li>▼ NPS Proposed Recreation Programs</li> <li>⊕ NPS Proposed River Access Sites</li> </ul> | <b>Outdoor Recreation Amenities</b><br><ul style="list-style-type: none"> <li>- - - Sidewalks and Trails</li> <li>□ Trailhead</li> <li>— Street Outlines</li> <li>— 2' Contour Line</li> <li>■ 35' Vegetation Buffer</li> <li>■ City of River Falls Land</li> <li>■ Wisconsin DNR Land</li> <li>□ Parcel Boundaries</li> <li>● Storm Sewer Outfalls</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>■ Stream</li> <li>■ Bottomland Forest + Earthwork</li> <li>■ Mesic Forest + Earthwork</li> <li>■ Marsh</li> <li>■ Bottomland Forest</li> <li>■ Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>■ Rock Arch Rapids</li> <li>■ Riffle</li> <li>■ Natural Waterfall</li> <li>■ Cross Vane</li> <li>■ Bank Protection</li> </ul> |
| <b>Landscape Architecture Intensity Level</b><br><ul style="list-style-type: none"> <li>● Low</li> <li>● Moderate</li> <li>● High</li> <li>● Future Opportunity</li> </ul>  |   |  |   |  |

River Falls Kinnickinnic River Concept | Lake Louise | July 2025

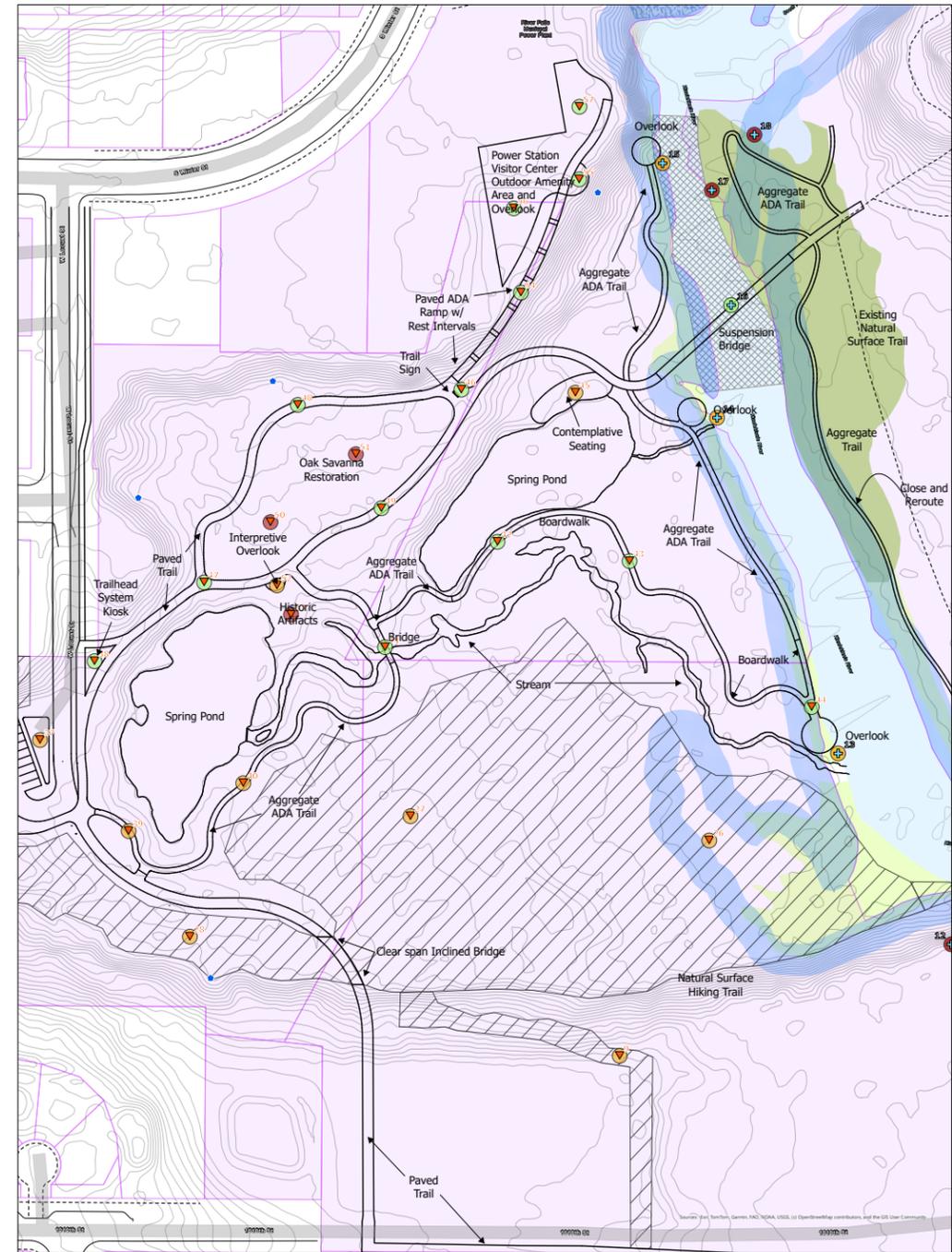
- |   |   |  |   |  |
|---|---|--|---|--|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>● Enhanced Crossing</li> <li>● Intersection Improvement</li> <li>● Grade Separated Crossing</li> <li>● Bridge</li> </ul> | <ul style="list-style-type: none"> <li>▼ NPS Proposed Recreation Programs</li> <li>⊕ NPS Proposed River Access Sites</li> </ul> | <b>Outdoor Recreation Amenities</b><br><ul style="list-style-type: none"> <li>- - - Sidewalks and Trails</li> <li>□ Trailhead</li> <li>— Street Outlines</li> <li>— 2' Contour Line</li> <li>■ 35' Vegetation Buffer</li> <li>■ City of River Falls Land</li> <li>■ Wisconsin DNR Land</li> <li>□ Parcel Boundaries</li> <li>● Storm Sewer Outfalls</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>■ Stream</li> <li>■ Bottomland Forest + Earthwork</li> <li>■ Mesic Forest + Earthwork</li> <li>■ Marsh</li> <li>■ Bottomland Forest</li> <li>■ Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>■ Rock Arch Rapids</li> <li>■ Riffle</li> <li>■ Natural Waterfall</li> <li>■ Cross Vane</li> <li>■ Bank Protection</li> </ul> |
| <b>Landscape Architecture Intensity Level</b><br><ul style="list-style-type: none"> <li>● Low</li> <li>● Moderate</li> <li>● High</li> <li>● Future Opportunity</li> </ul>  |   |  |   |  |



River Falls Kinnickinnic River Concept | Treatment Plant | July 2025

- |   |   |  |   |  |
|---|---|--|---|--|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> </ul> | <ul style="list-style-type: none"> <li>NPS Proposed Recreation Programs</li> <li>NPS Proposed River Access Sites</li> </ul> | <b>Outdoor Recreation Amenities</b><br><ul style="list-style-type: none"> <li>Sidewalks and Trails</li> <li>Trailhead</li> <li>Street Outlines</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>City of River Falls Land</li> <li>Wisconsin DNR Land</li> <li>Parcel Boundaries</li> <li>Storm Sewer Outfalls</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul> |
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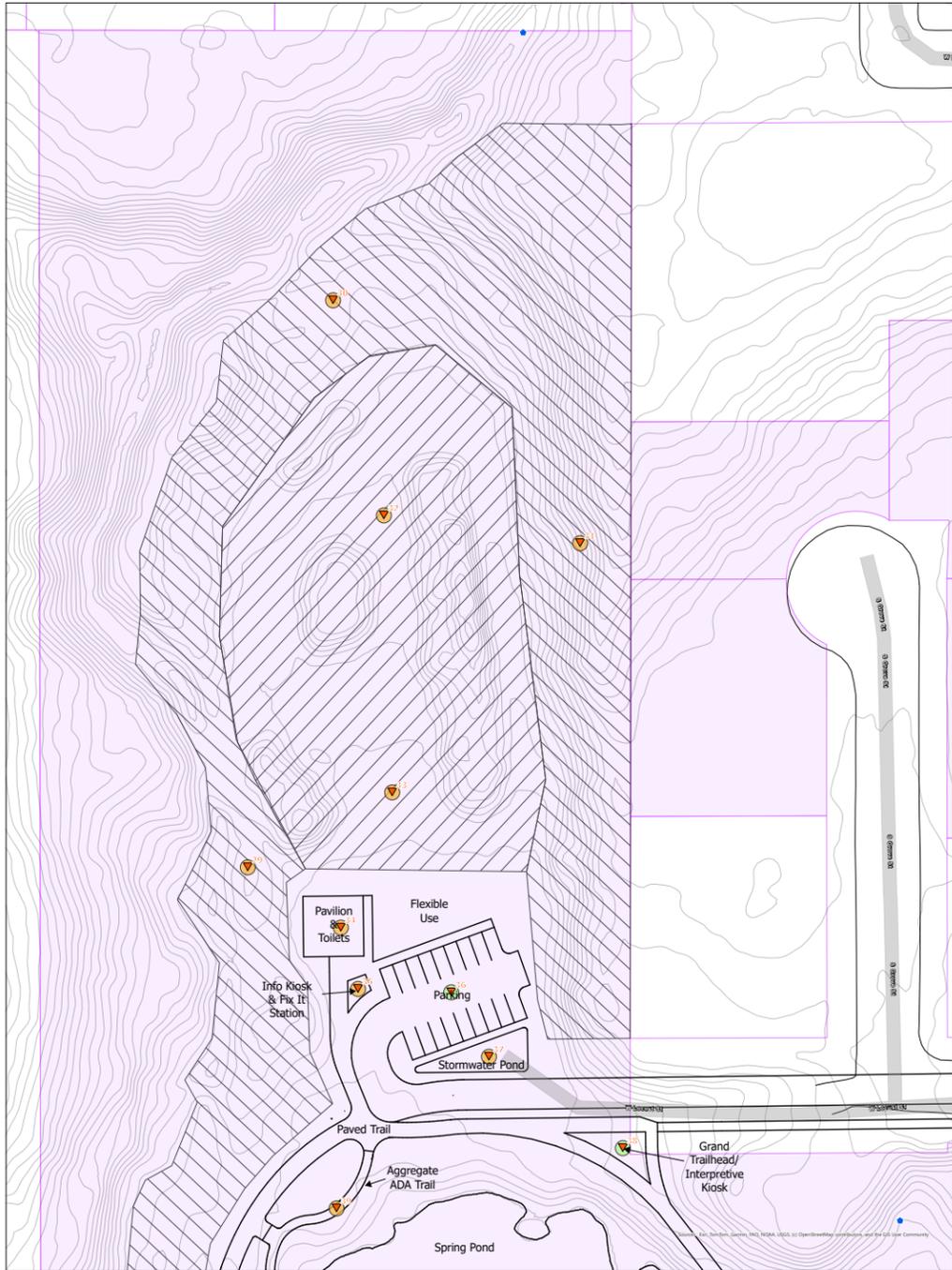
Within the Treatment Plant map extent (left), the treatment plant area is depicted with current and proposed concepts like trails and mountain bike zones. This area is located to the West of the Kinnickinnic River.



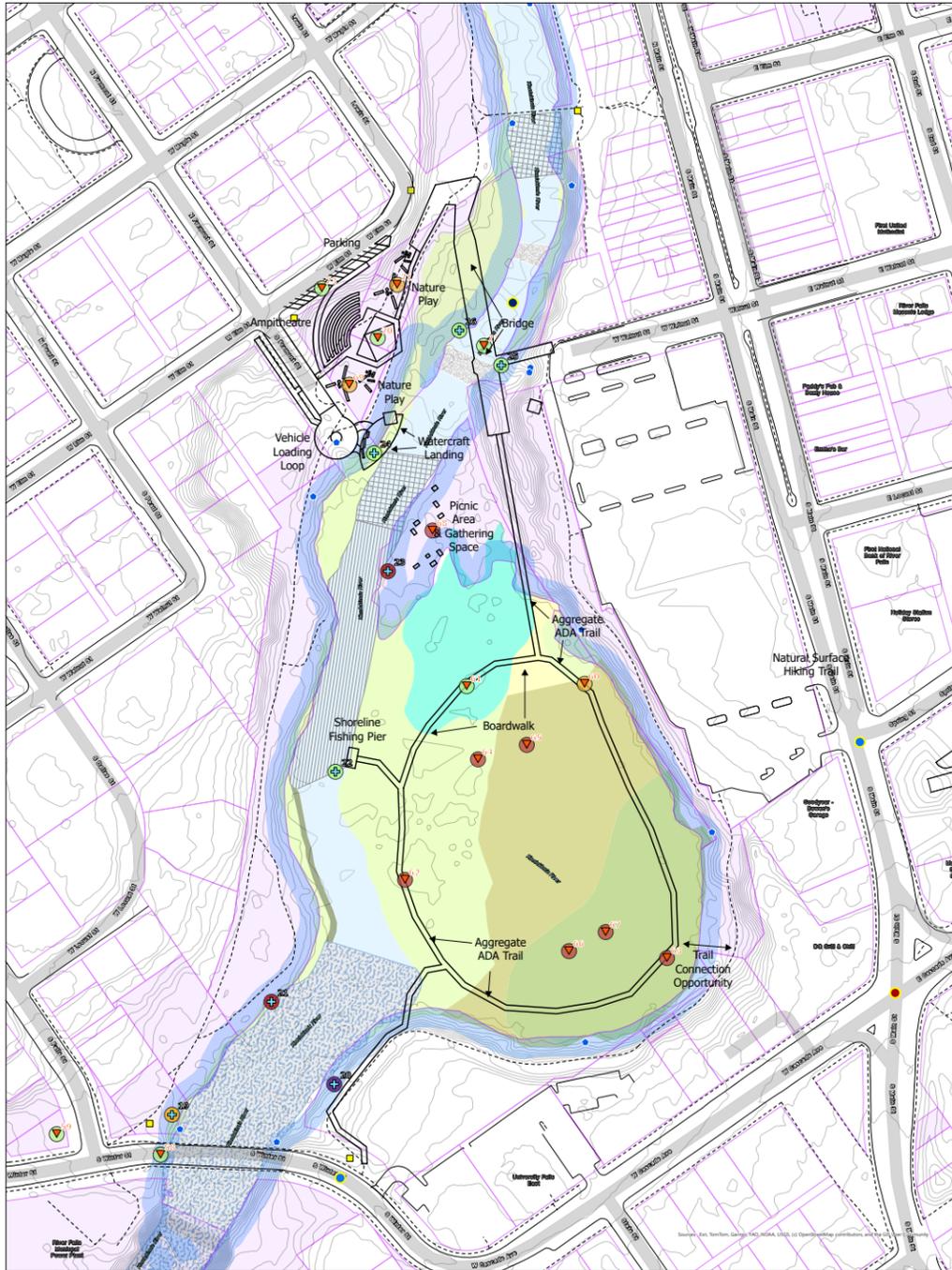
River Falls Kinnickinnic River Concept | Spring Pond Area | July 2025

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|---|---|--|---|--|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> </ul> | <ul style="list-style-type: none"> <li>NPS Proposed Recreation Programs</li> <li>NPS Proposed River Access Sites</li> </ul> | <b>Outdoor Recreation Amenities</b><br><ul style="list-style-type: none"> <li>Sidewalks and Trails</li> <li>Trailhead</li> <li>Street Outlines</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>City of River Falls Land</li> <li>Wisconsin DNR Land</li> <li>Parcel Boundaries</li> <li>Storm Sewer Outfalls</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul> |
|---|---|--|---|--|

The Spring Pond map (right) map depicts the Spring Pond area, located to the West of the Kinnickinnic River. It illustrates potential and current recommendations for this space.



The Compost Site map extent (left) shows west of the Spring Ponds area. Within this section are concepts areas for parking, trailhead, trail, and a pumptrack.



The Lake George map extent (right) starts in the South, just below Junction Falls Dam, continues North above the dam, through the reservoir (Lake George), and continues up around West Maple Street.

**River Falls Kinnickinnic River Concept | Compost Site | July 2025**

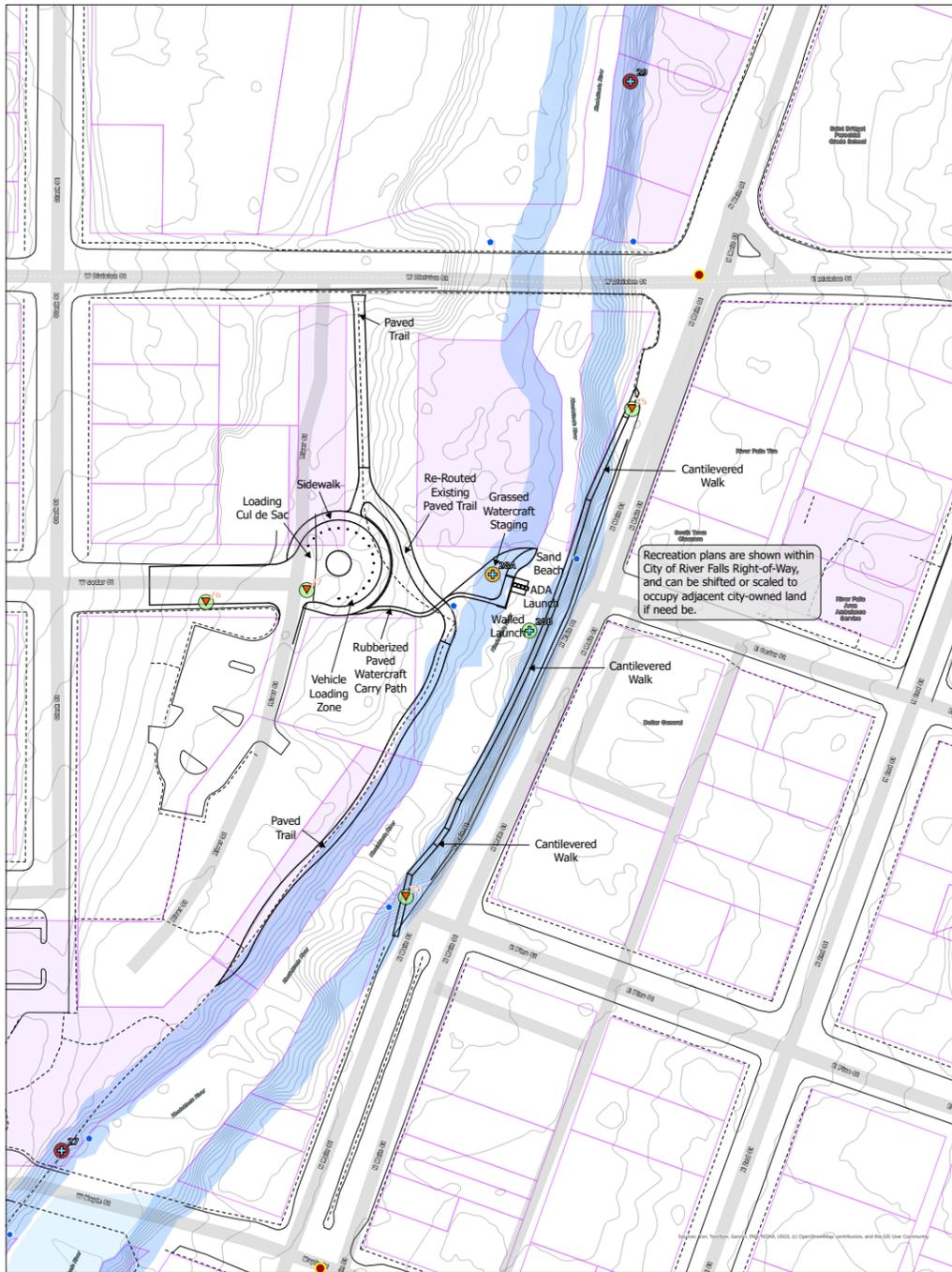
60 Feet

<b>Spot Bike Ped Improvements Recommendation</b> <ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> </ul>	<ul style="list-style-type: none"> <li>NPS Proposed Recreation Programs</li> <li>NPS Proposed River Access Sites</li> </ul>	<b>Outdoor Recreation Amenities</b> <ul style="list-style-type: none"> <li>Sidewalks and Trails</li> <li>Trailhead</li> <li>Street Outlines</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>City of River Falls Land</li> <li>Wisconsin DNR Land</li> <li>Parcel Boundaries</li> <li>Storm Sewer Outfalls</li> </ul>	<b>CAP206 Restoration Categories</b> <ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> </ul>	<ul style="list-style-type: none"> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul>
<b>Landscape Architecture Intensity Level</b> <ul style="list-style-type: none"> <li>Low</li> <li>Moderate</li> <li>High</li> <li>Future Opportunity</li> </ul>				

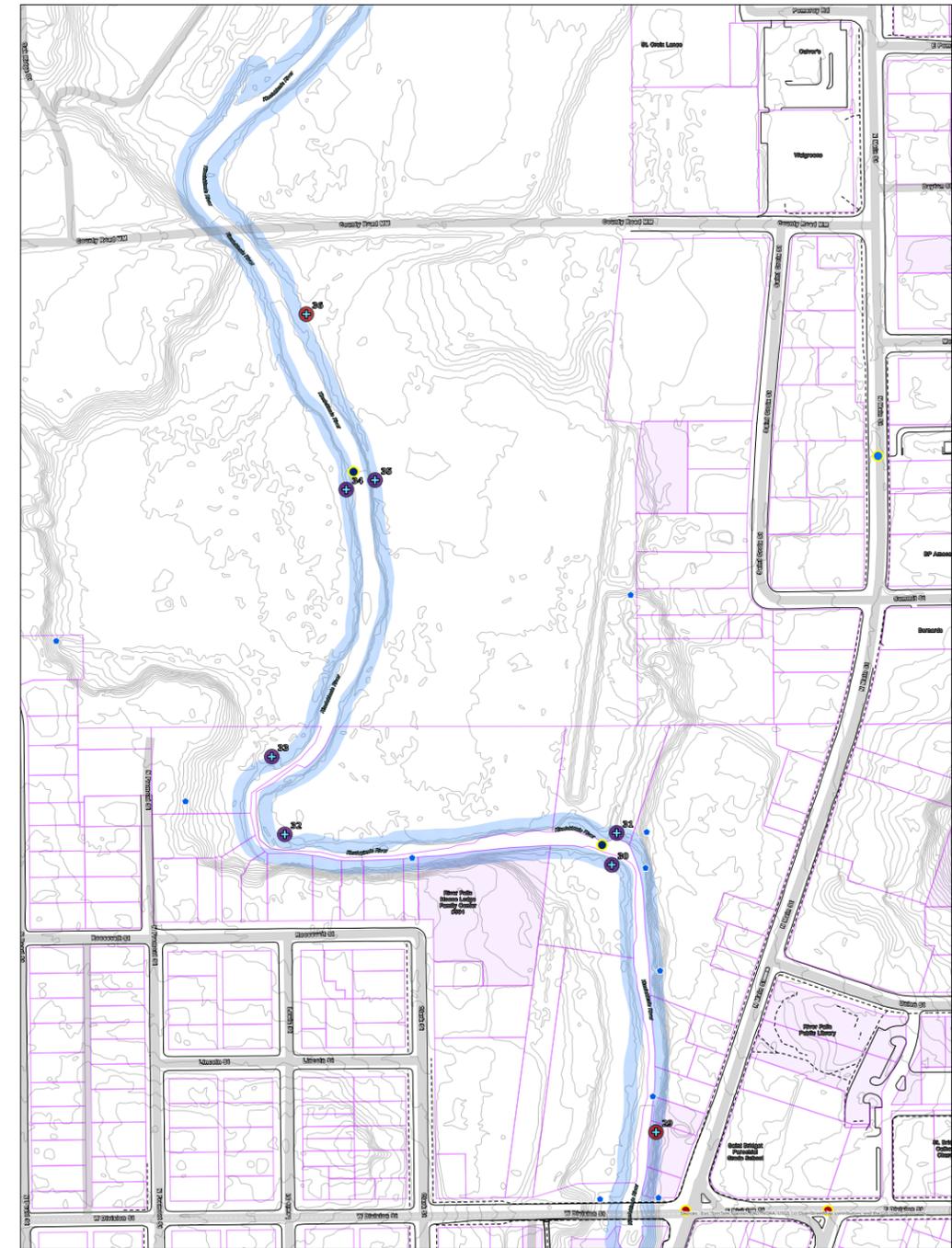
**River Falls Kinnickinnic River Concept | Lake George | July 2025**

160 Feet

<b>Spot Bike Ped Improvements Recommendation</b> <ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> </ul>	<ul style="list-style-type: none"> <li>NPS Proposed Recreation Programs</li> <li>NPS Proposed River Access Sites</li> </ul>	<b>Outdoor Recreation Amenities</b> <ul style="list-style-type: none"> <li>Sidewalks and Trails</li> <li>Trailhead</li> <li>Street Outlines</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>City of River Falls Land</li> <li>Wisconsin DNR Land</li> <li>Parcel Boundaries</li> <li>Storm Sewer Outfalls</li> </ul>	<b>CAP206 Restoration Categories</b> <ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> </ul>	<ul style="list-style-type: none"> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul>
<b>Landscape Architecture Intensity Level</b> <ul style="list-style-type: none"> <li>Low</li> <li>Moderate</li> <li>High</li> <li>Future Opportunity</li> </ul>				



The Cedar Street Area map (left) starts around West Maple Street. The map extent ends a bit above West Division Street.



The Powell Ave Area map (right) starts at West Division Street in the South and continues North until around County Road MM.

River Falls Kinnickinnic River Concept | Cedar Street Area | July 2025

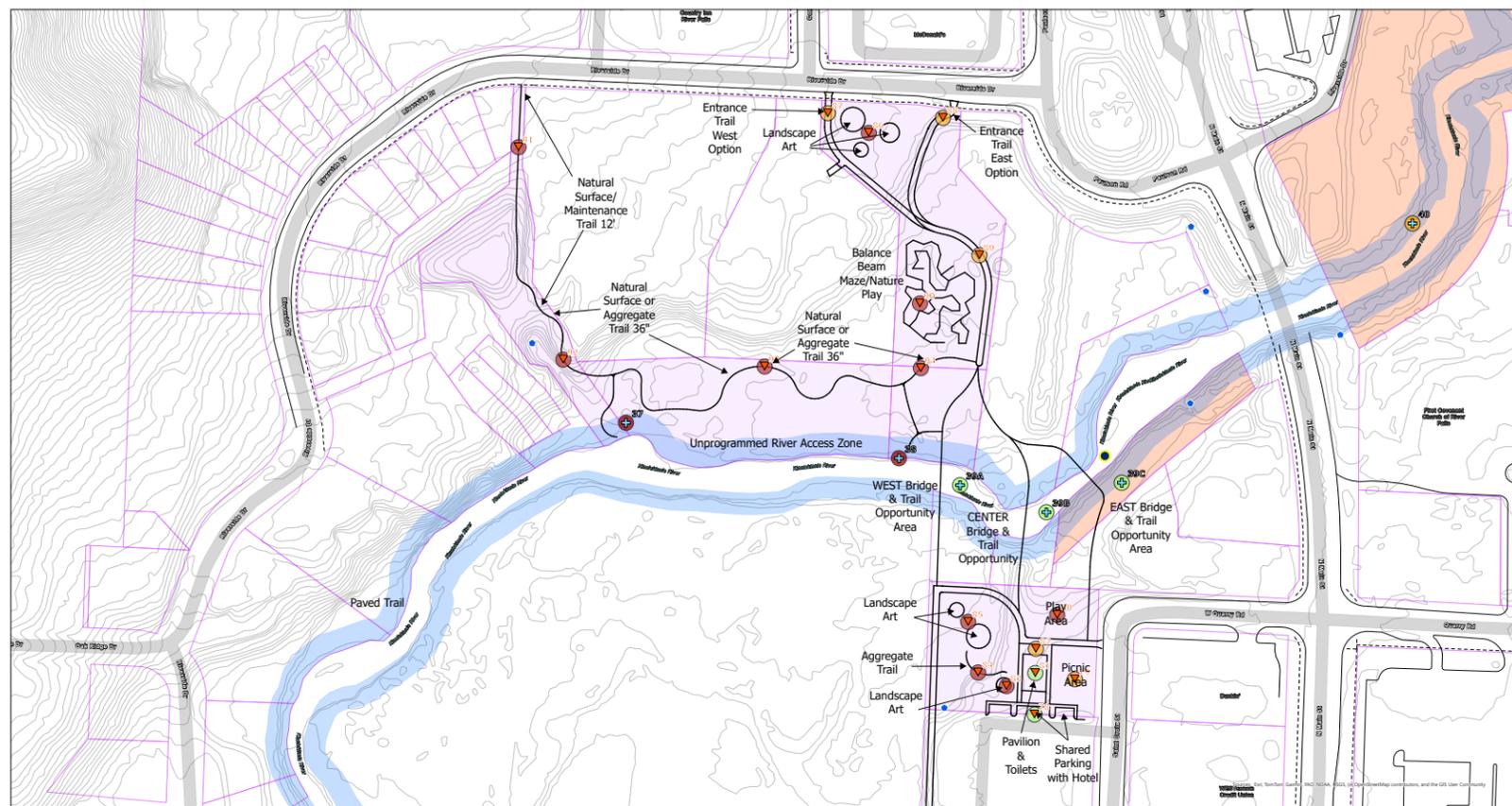


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|---|---|--|---|--|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> </ul> | <ul style="list-style-type: none"> <li>NPS Proposed Recreation Programs</li> <li>NPS Proposed River Access Sites</li> </ul> | <b>Outdoor Recreation Amenities</b><br><ul style="list-style-type: none"> <li>Sidewalks and Trails</li> <li>Trailhead</li> <li>Street Outlines</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>City of River Falls Land</li> <li>Wisconsin DNR Land</li> <li>Parcel Boundaries</li> <li>Storm Sewer Outfalls</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul> |
| <b>Landscape Architecture Intensity Level</b><br><ul style="list-style-type: none"> <li>Low</li> <li>Moderate</li> <li>High</li> <li>Future Opportunity</li> </ul>  |   |  |   |  |

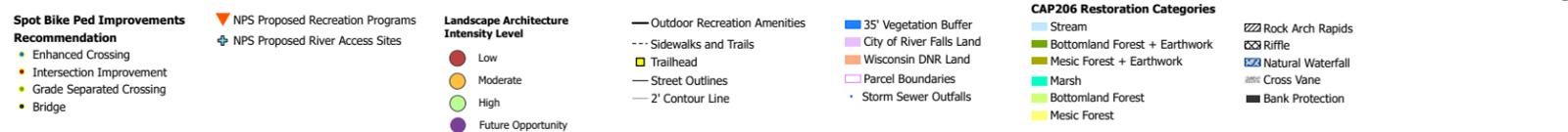
River Falls Kinnickinnic River Concept | Powell Ave Area | July 2025



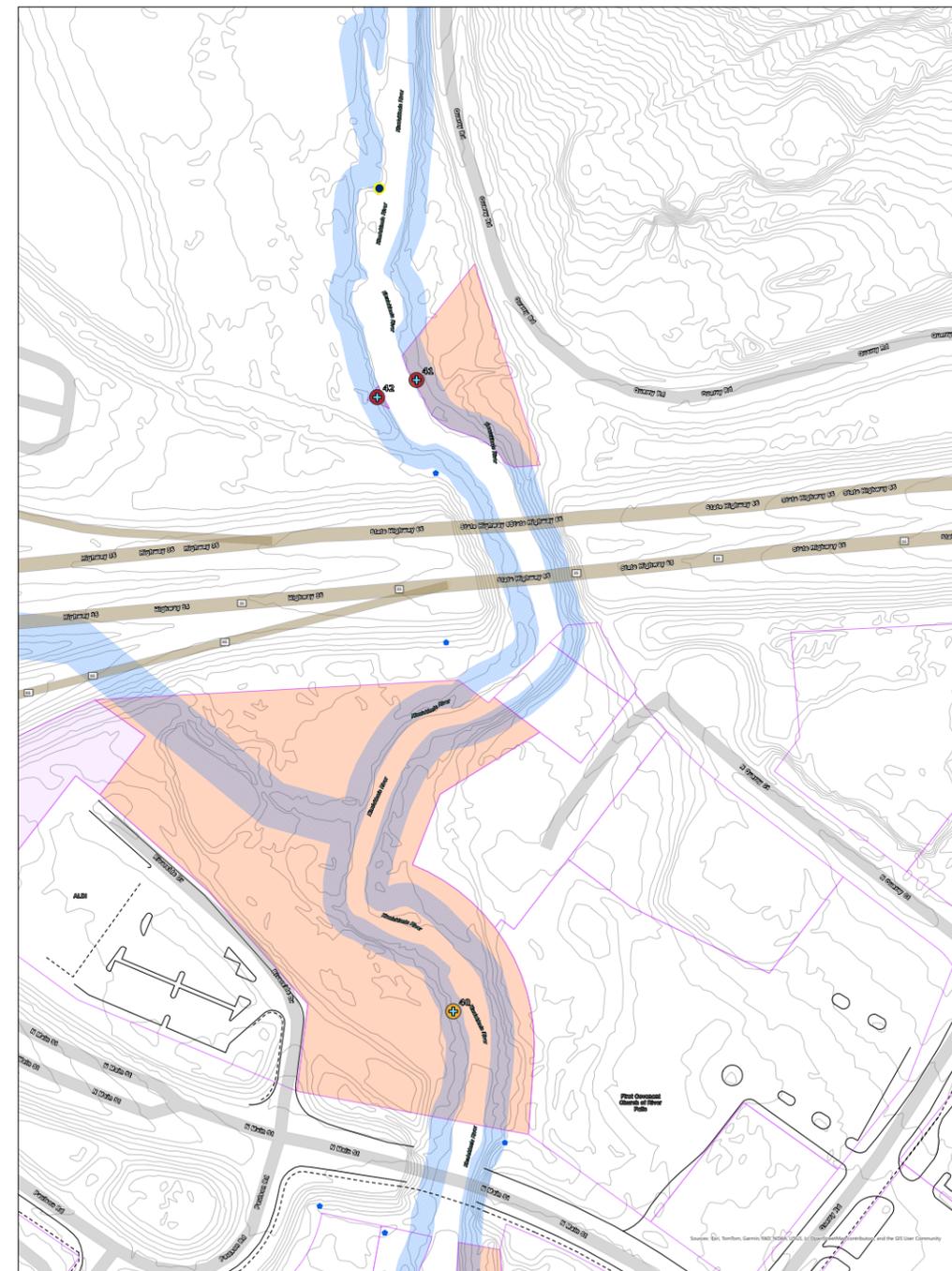
- |   |   |  |   |  |
|---|---|--|---|--|
| <b>Spot Bike Ped Improvements Recommendation</b><br><ul style="list-style-type: none"> <li>Enhanced Crossing</li> <li>Intersection Improvement</li> <li>Grade Separated Crossing</li> <li>Bridge</li> </ul> | <ul style="list-style-type: none"> <li>NPS Proposed Recreation Programs</li> <li>NPS Proposed River Access Sites</li> </ul> | <b>Outdoor Recreation Amenities</b><br><ul style="list-style-type: none"> <li>Sidewalks and Trails</li> <li>Trailhead</li> <li>Street Outlines</li> <li>2' Contour Line</li> <li>35' Vegetation Buffer</li> <li>City of River Falls Land</li> <li>Wisconsin DNR Land</li> <li>Parcel Boundaries</li> <li>Storm Sewer Outfalls</li> </ul> | <b>CAP206 Restoration Categories</b><br><ul style="list-style-type: none"> <li>Stream</li> <li>Bottomland Forest + Earthwork</li> <li>Mesic Forest + Earthwork</li> <li>Marsh</li> <li>Bottomland Forest</li> <li>Mesic Forest</li> </ul> | <ul style="list-style-type: none"> <li>Rock Arch Rapids</li> <li>Riffle</li> <li>Natural Waterfall</li> <li>Cross Vane</li> <li>Bank Protection</li> </ul> |
| <b>Landscape Architecture Intensity Level</b><br><ul style="list-style-type: none"> <li>Low</li> <li>Moderate</li> <li>High</li> <li>Future Opportunity</li> </ul>  |   |  |   |  |



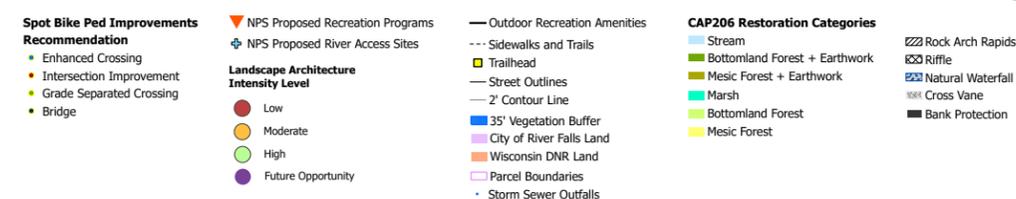
River Falls Kinnickinnic River Concept | Riverside Drive | July 2025



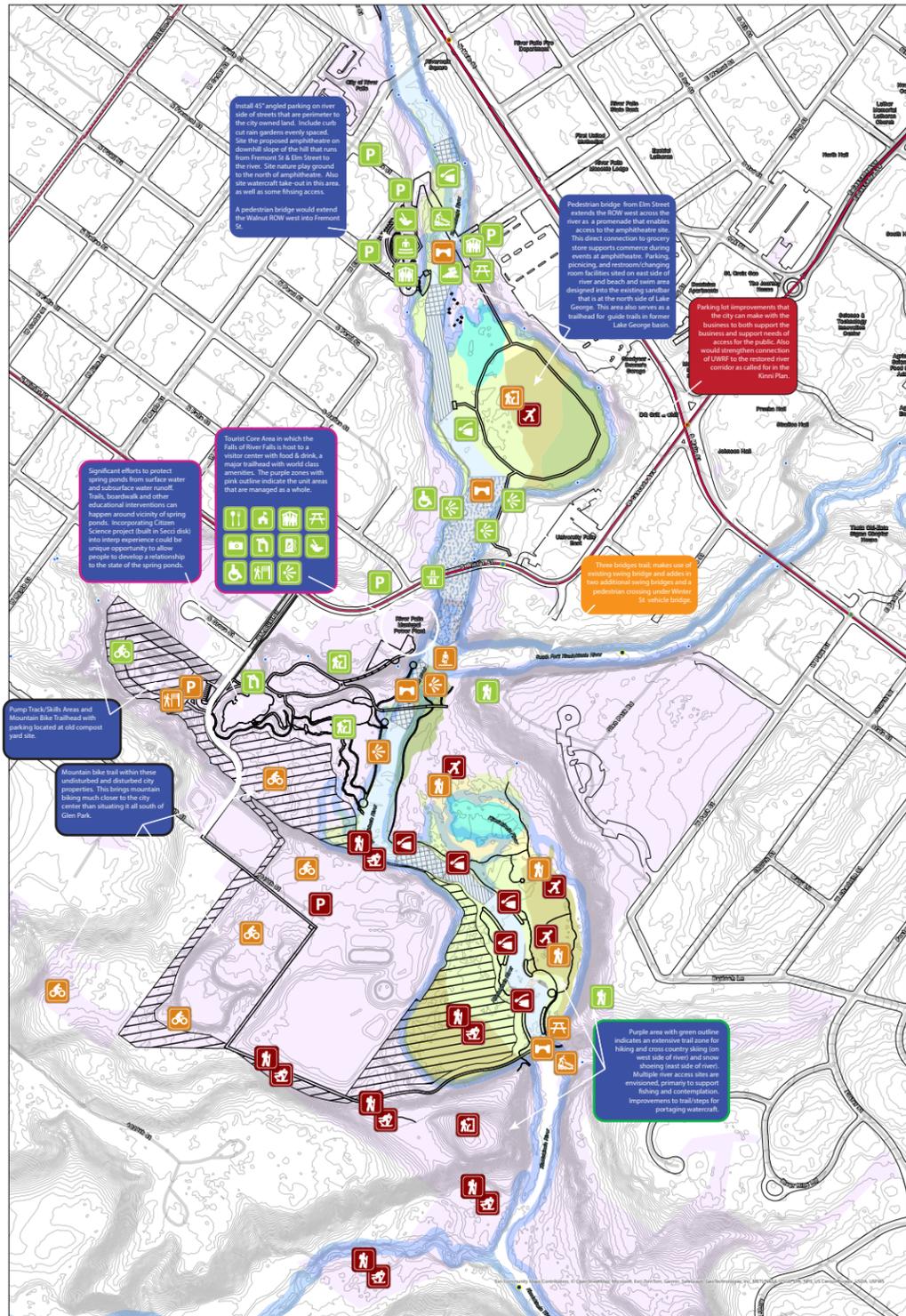
Within the Riverside Drive map extent (above), it starts in the South near Riverside Drive and goes North to Main Street and Riverside Drive crossroad.



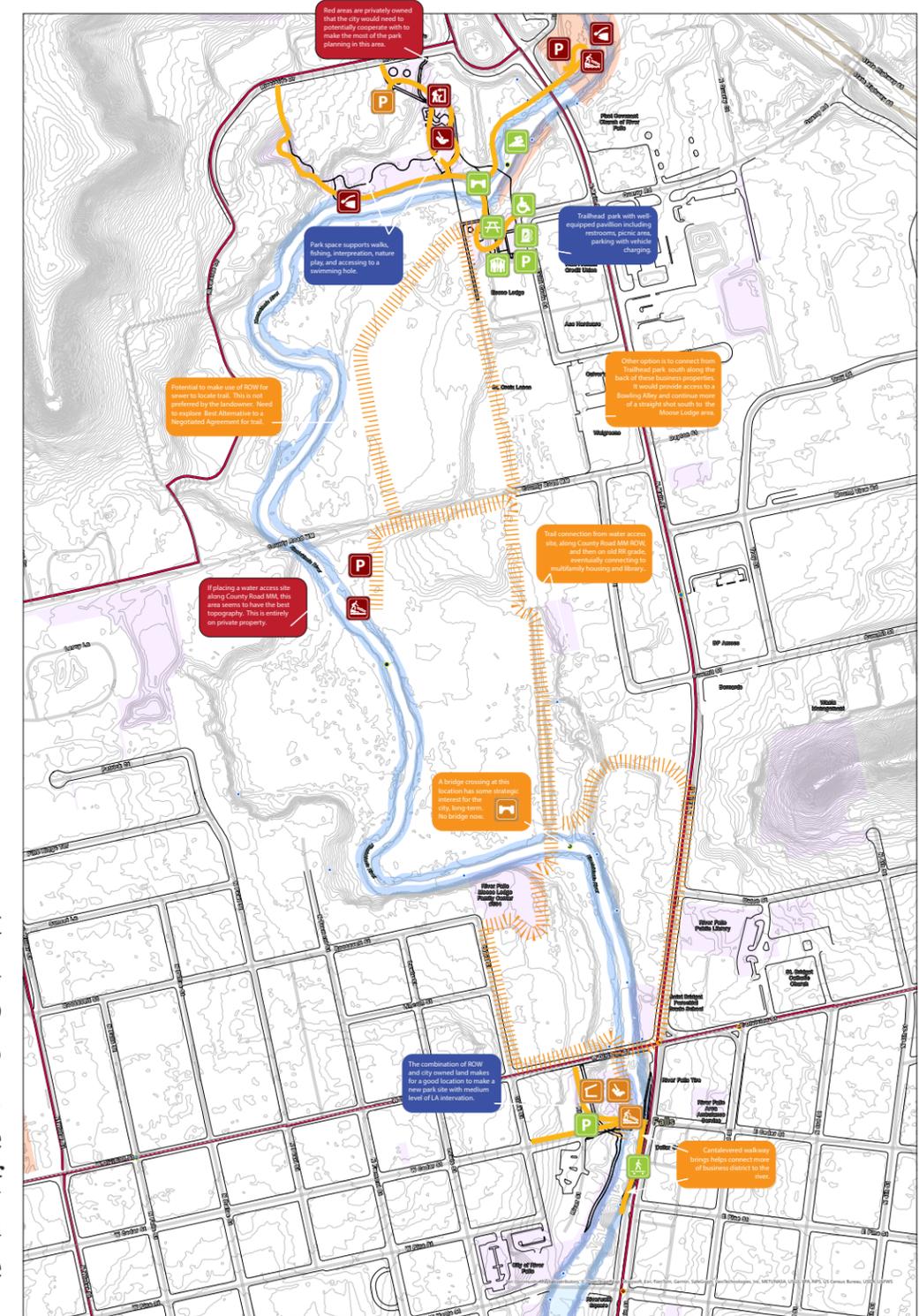
River Falls Kinnickinnic River Concept | Quarry Road Area | July 2025



The Quarry Road Area map (right) illustrates the furthest Northern extent of the Kinnickinnic River Greenway Corridor that was planned for. It begins in the South at North Main Street and continues North until Quarry Road.



Map 1A (left) begins just to the North of the Lake George reservoir, then continues South just past Powell Falls Dam. This map also illustrates land ownership, CAP206 restoration efforts, types of forest, and recreation improvements. The map provides great detail of types of recreation recommendations through icons and Landscape Architecture intensity levels.



Map 2A (right) begins to the north at Riverside Drive, then continues south to Riverwalk Square. Map 2A also illustrates land ownership, CAP206 restoration efforts, types of forest, and recreation improvements. The map provides great detail of types of recreation recommendations through icons and Landscape Architecture intensity levels.

- NPS & River Falls Kinnickinnic River Planning Map 1A | July 2025**
- City of River Falls Land
  - Wisconsin DNR Land
  - 35' Vegetation Buffer
  - CAP206 Stream Extent
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest
  - Rock Arch Rapids
  - Riffle
  - Natural Waterfall
  - Cross Vane
  - Bank Protection
  - Spot Bike Ped Improvements Recommendation
  - Enhanced Crossing
  - Intersection Improvement
  - Sidewalks and Trails
  - Grade Separated Crossing
  - Bridge
  - Comp Plan 2023 City Transp. Loop

- NPS & River Falls Kinnickinnic River Planning Map 2A | July 2025**
- City of River Falls Land
  - Wisconsin DNR Land
  - 35' Vegetation Buffer
  - CAP206 Stream Extent
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest
  - Rock Arch Rapids
  - Riffle
  - Natural Waterfall
  - Cross Vane
  - Bank Protection
  - Spot Bike Ped Improvements Recommendation
  - Enhanced Crossing
  - Intersection Improvement
  - Sidewalks and Trails
  - Grade Separated Crossing
  - Bridge
  - Comp Plan 2023 City Transp. Loop

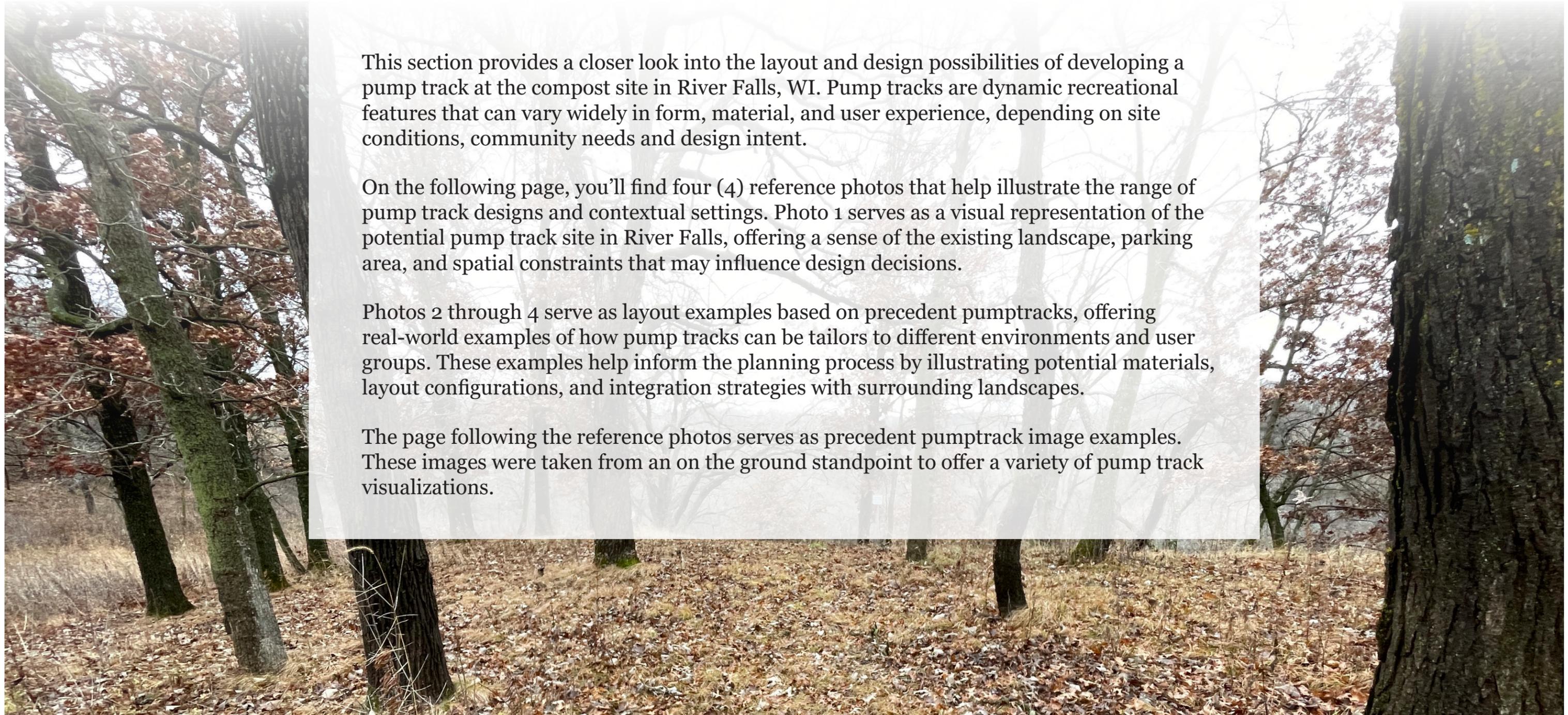
# SECTION IV: PUMP TRACK COMPARISONS

This section provides a closer look into the layout and design possibilities of developing a pump track at the compost site in River Falls, WI. Pump tracks are dynamic recreational features that can vary widely in form, material, and user experience, depending on site conditions, community needs and design intent.

On the following page, you'll find four (4) reference photos that help illustrate the range of pump track designs and contextual settings. Photo 1 serves as a visual representation of the potential pump track site in River Falls, offering a sense of the existing landscape, parking area, and spatial constraints that may influence design decisions.

Photos 2 through 4 serve as layout examples based on precedent pumptracks, offering real-world examples of how pump tracks can be tailored to different environments and user groups. These examples help inform the planning process by illustrating potential materials, layout configurations, and integration strategies with surrounding landscapes.

The page following the reference photos serves as precedent pumptrack image examples. These images were taken from an on the ground standpoint to offer a variety of pump track visualizations.



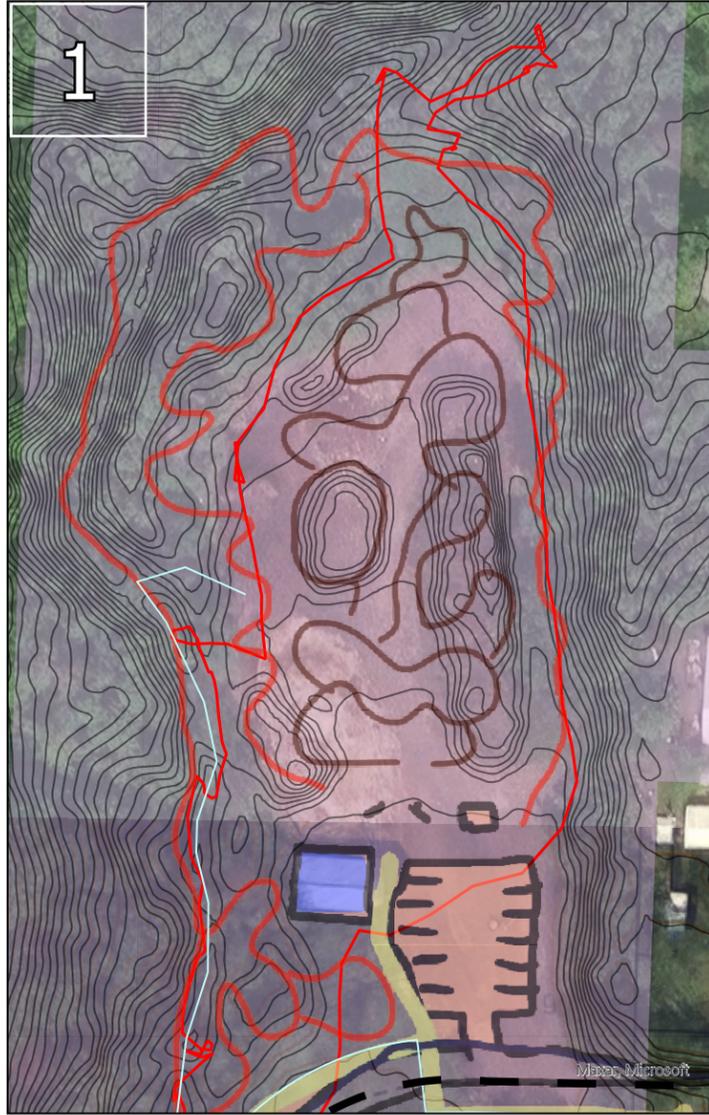


Photo 1: a visual representation of the potential pump track site in River Falls

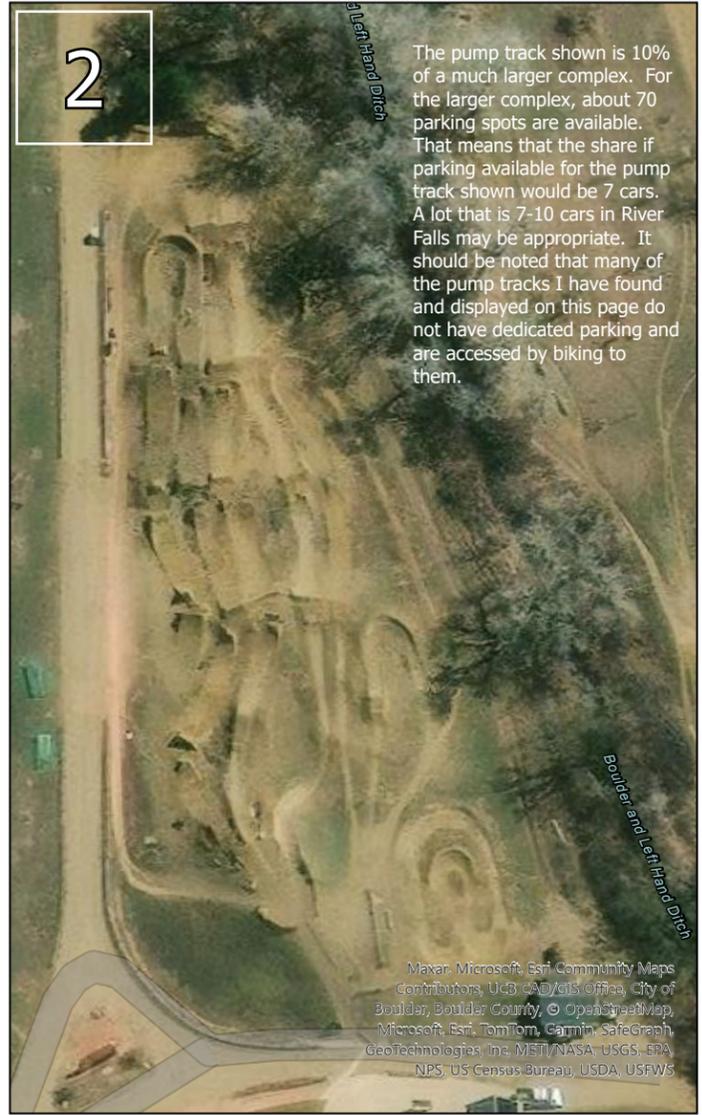


Photo 2: pump track located in Boulder, Colorado

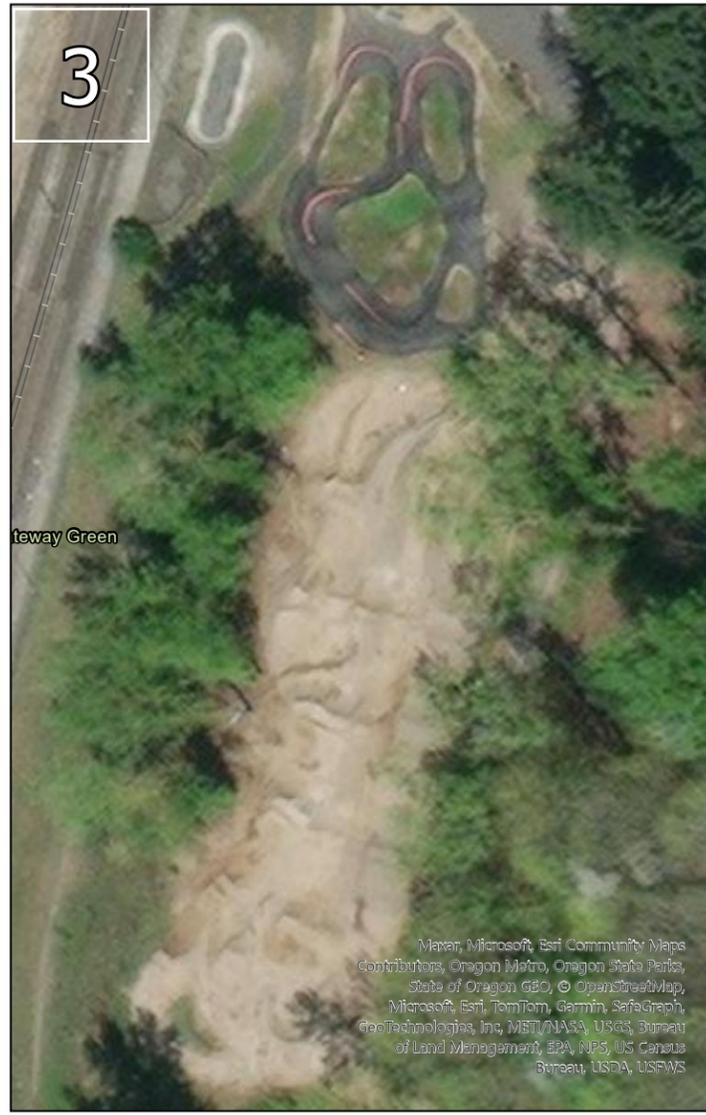


Photo 3: a pump track located in Oregon

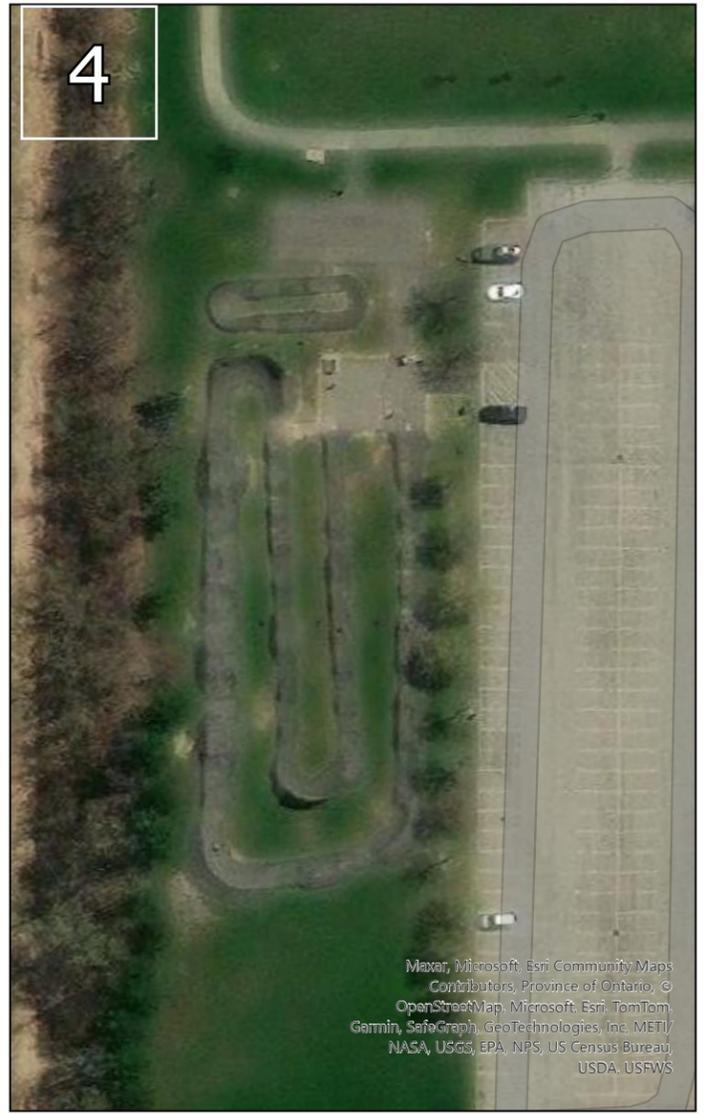


Photo 4: a pump track located in Ontario

Adobe stock



Adobe stock



Skills Park in West Salem, WI



Adobe stock

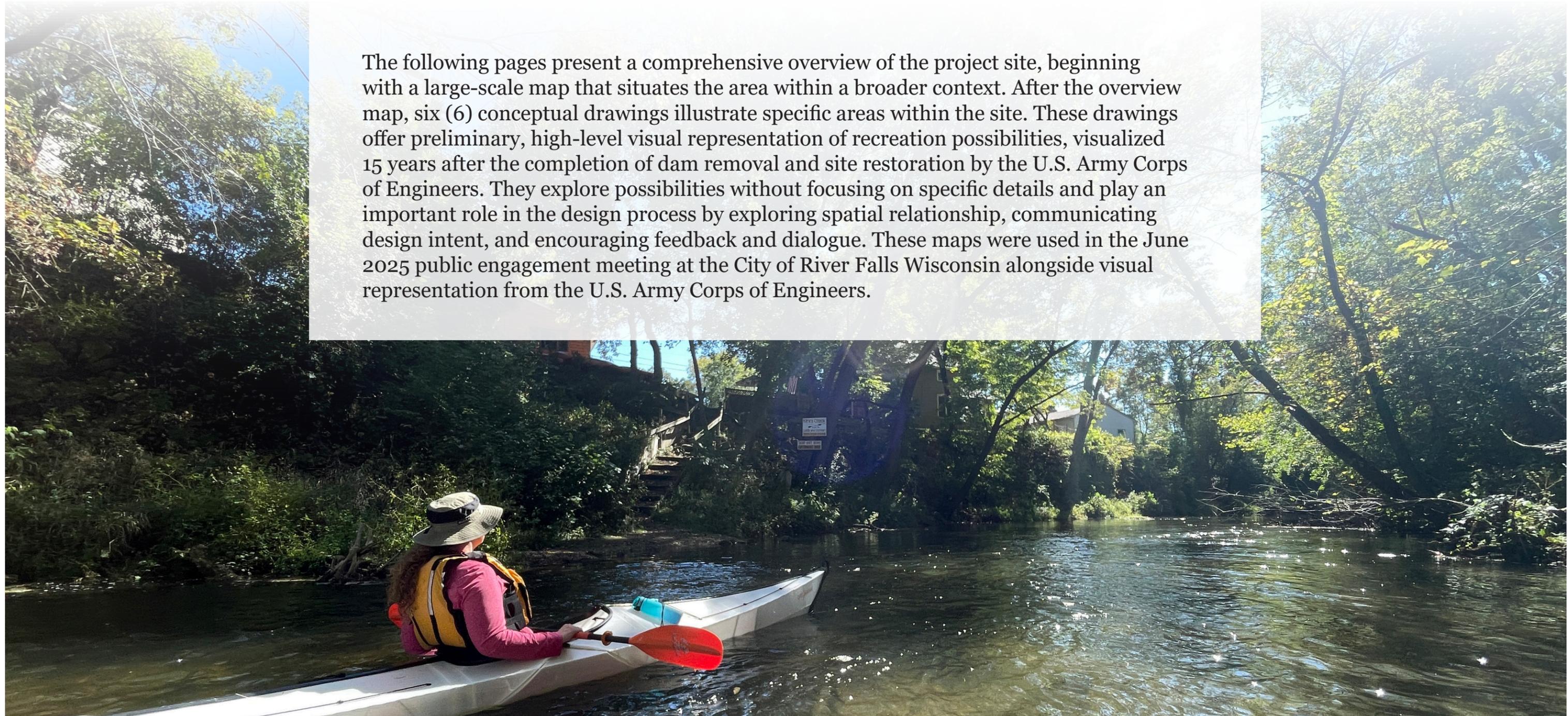


Adobe stock



# SECTION V: CONCEPTUAL DRAWINGS

The following pages present a comprehensive overview of the project site, beginning with a large-scale map that situates the area within a broader context. After the overview map, six (6) conceptual drawings illustrate specific areas within the site. These drawings offer preliminary, high-level visual representation of recreation possibilities, visualized 15 years after the completion of dam removal and site restoration by the U.S. Army Corps of Engineers. They explore possibilities without focusing on specific details and play an important role in the design process by exploring spatial relationship, communicating design intent, and encouraging feedback and dialogue. These maps were used in the June 2025 public engagement meeting at the City of River Falls Wisconsin alongside visual representation from the U.S. Army Corps of Engineers.



The overall site map on the right depicts the 6 rendering site locations along the Kinnickinnic River Greenway Corridor. It also depicts the extent of the USACE CAP206, Glen Park, land owned by the City of River Falls. Please see Appendix IV for a full page view of this map.





**RIVER ACCESS SIGNAGE**  
COHESIVE SIGNAGE INSTALLED AT ALL DESIGNATED RIVER ACCESS POINTS. SIGNAGE WILL HELP PADDLERS ORIENT THEMSELVES AND PLAN THEIR TRIPS. THE DESIGN SHOULD COMPLEMENT THE SURROUNDING LANDSCAPE, USING NATURAL MATERIALS AND COLORS.



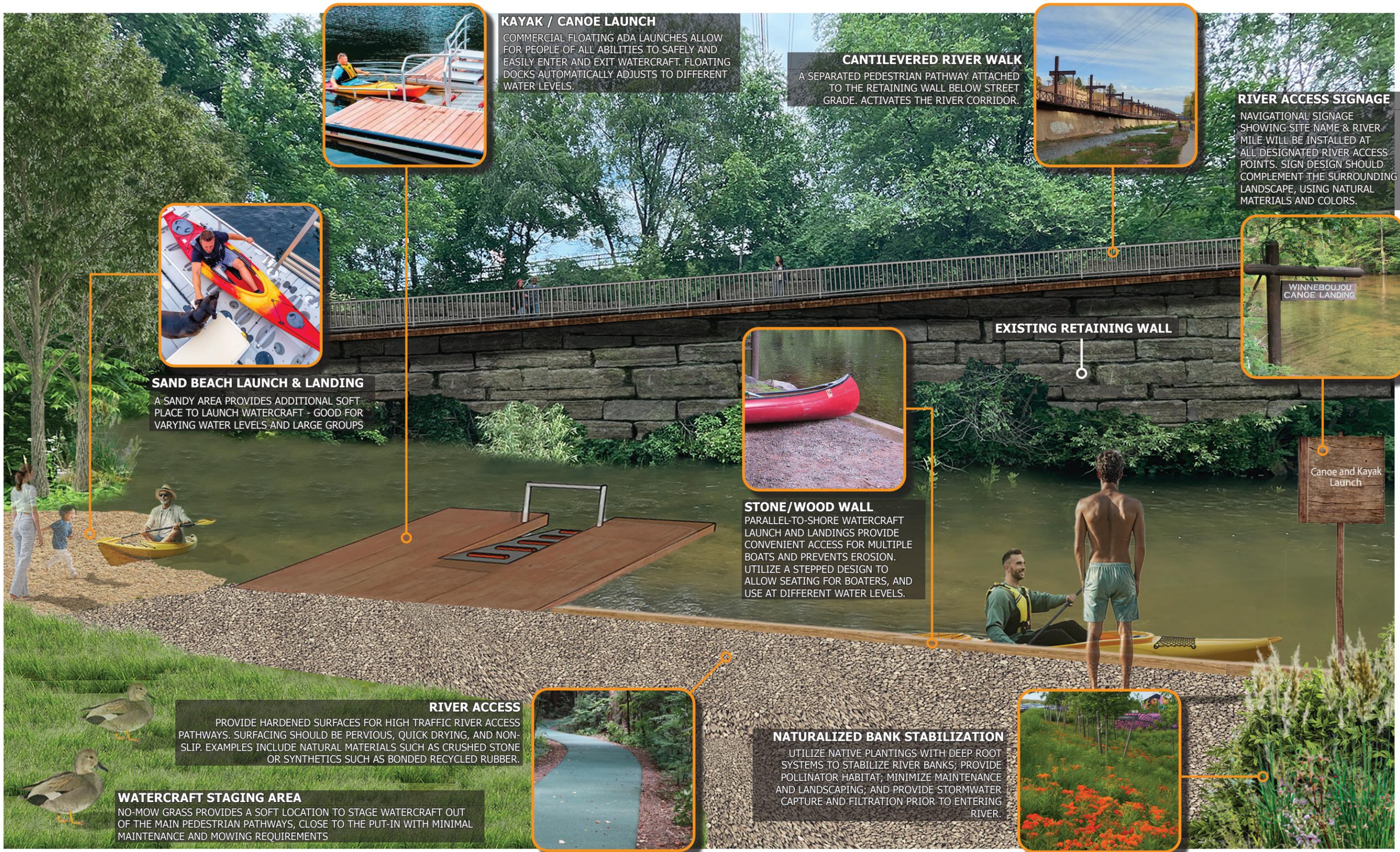
**KAYAK / CANOE LAUNCH**  
FLOATING ADA LAUNCHES ALLOW FOR PEOPLE OF ALL ABILITIES TO SAFELY AND EASILY ENTER AND EXIT WATERCRAFT.



**UNLOADING / LOADING AREA**  
PROVIDE HARDENED SURFACES FOR HIGH TRAFFIC RIVER ACCESS AREAS. SURFACING SHOULD BE PERVIOUS AND QUICK DRYING. EXAMPLE SURFACES COULD BE NATURAL MATERIAL SUCH AS CRUSHED LIMESTONE.



**RIVER ACCESS**  
PROVIDES ADDITIONAL AREA TO LAUNCH WATERCRAFT - GOOD FOR VARYING WATER LEVELS AND LARGE GROUPS



**KAYAK / CANOE LAUNCH**  
 COMMERCIAL FLOATING ADA LAUNCHES ALLOW FOR PEOPLE OF ALL ABILITIES TO SAFELY AND EASILY ENTER AND EXIT WATERCRAFT. FLOATING DOCKS AUTOMATICALLY ADJUSTS TO DIFFERENT WATER LEVELS.

**CANTILEVERED RIVER WALK**  
 A SEPARATED PEDESTRIAN PATHWAY ATTACHED TO THE RETAINING WALL BELOW STREET GRADE. ACTIVATES THE RIVER CORRIDOR.



**RIVER ACCESS SIGNAGE**  
 NAVIGATIONAL SIGNAGE SHOWING SITE NAME & RIVER MILE WILL BE INSTALLED AT ALL DESIGNATED RIVER ACCESS POINTS. SIGN DESIGN SHOULD COMPLEMENT THE SURROUNDING LANDSCAPE, USING NATURAL MATERIALS AND COLORS.



**SAND BEACH LAUNCH & LANDING**  
 A SANDY AREA PROVIDES ADDITIONAL SOFT PLACE TO LAUNCH WATERCRAFT - GOOD FOR VARYING WATER LEVELS AND LARGE GROUPS



**EXISTING RETAINING WALL**



**STONE/WOOD WALL**  
 PARALLEL-TO-SHORE WATERCRAFT LAUNCH AND LANDINGS PROVIDE CONVENIENT ACCESS FOR MULTIPLE BOATS AND PREVENTS EROSION. UTILIZE A STEPPED DESIGN TO ALLOW SEATING FOR BOATERS, AND USE AT DIFFERENT WATER LEVELS.



**RIVER ACCESS**  
 PROVIDE HARDENED SURFACES FOR HIGH TRAFFIC RIVER ACCESS PATHWAYS. SURFACING SHOULD BE PERVIOUS, QUICK DRYING, AND NON-SLIP. EXAMPLES INCLUDE NATURAL MATERIALS SUCH AS CRUSHED STONE OR SYNTHETICS SUCH AS BONDED RECYCLED RUBBER.



**NATURALIZED BANK STABILIZATION**  
 UTILIZE NATIVE PLANTINGS WITH DEEP ROOT SYSTEMS TO STABILIZE RIVER BANKS; PROVIDE POLLINATOR HABITAT; MINIMIZE MAINTENANCE AND LANDSCAPING; AND PROVIDE STORMWATER CAPTURE AND FILTRATION PRIOR TO ENTERING RIVER.



**WATERCRAFT STAGING AREA**  
 NO-MOW GRASS PROVIDES A SOFT LOCATION TO STAGE WATERCRAFT OUT OF THE MAIN PEDESTRIAN PATHWAYS, CLOSE TO THE PUT-IN WITH MINIMAL MAINTENANCE AND MOWING REQUIREMENTS



**ON-STREET PARKING**

ADDING ON-STREET PARKING PROVIDES YEAR-ROUND ACCESS CLOSE TO THE PARK SPACE. INTEGRATED RAIN GARDENS CAPTURE AND FILTER STORMWATER RUNOFF TO MANAGE WATER SUSTAINABLY WHILE ENHANCING THE VISUAL APPEAL OF THE STREETScape.



**ACTIVATED PUBLIC SPACE**

PLAY AREAS LOCATED THROUGHOUT THE GREENWAY FEATURE PERMANENT AMENITIES DESIGNED TO INVITE PLAY, CREATE LIVELY SPACES, AND BRING PEOPLE TOGETHER FROM ALL AGES.



**AMPHITHEATER**

A MULTI-USE & FLEXIBLE OPEN SPACE PROVIDES YEAR-ROUND USE OPPORTUNITIES FOR COMMUNITY GATHERINGS WITHOUT THE NEED FOR A LARGE STAGE; THIS MAKES THE SPACE USEFUL FOR PICNICKING AND INFORMAL GATHERINGS WHEN NOT IN USE FOR SPECIAL EVENTS OR FESTIVALS. FOR CONCERTS AND PERFORMANCES, A TEMPORARY STAGE CAN BE SET UP AS NEEDED.



**POTENTIAL PEDESTRIAN BRIDGE**

A PROPOSED PEDESTRIAN BRIDGE CONNECTION IN THE SAME LOCATION AS THE OLD RAILROAD BRIDGE; UTILIZE EXISTING BRIDGE PILINGs TO REDUCE COST AND PROVIDE A CRITICAL CONNECTION TO BETWEEN THE DOWNTOWN AND PUBLIC PARK SPACES. THE BRIDGE COULD ALSO FUNCTION AS A UNIQUE PUBLIC EVENT SPACE.

**CONNECTION TO DOWNTOWN**

WEST ELM ST.

S Fremont St.

**NATURAL PLAY AREAS**

NATURAL PLAY AREAS INTEGRATED SEAMLESSLY INTO THE CORRIDOR IN MULTIPLE LOCATIONS INVITE EXPLORATION AND DISCOVERY AND OFFER LOW-IMPACT ALTERNATIVES TO TRADITIONAL PLAYGROUNDS.



**BOATHOUSE/BATHROOMS**

TO EXPAND RIVER ACCESS AND RECREATION THIS MULTI-PURPOSE STRUCTURE CAN PROVIDE RESTROOMS, AND WATERCRAFT STORAGE.

**RIVER ACCESS**

EMBRACE AND ACTIVATE THE RIVER WITH ENHANCED RIVER ACCESS POINTS; DESIGNS SHOULD INCLUDE GENTLY SLOPED PATHS AND HARDENED SURFACES TO ENSURE EVERYONE CAN ENJOY CONNECTING WITH THE RIVER.



**AMPHITHEATER SEATING**

UTILIZE EXISTING HILLSIDE FOR SEATING

**RIVER ACCESS DROP-OFF**

DESIGNATED LAUNCH AREAS INCLUDE SPACIOUS ON-LAND STAGING ZONES THAT ALLOW MULTIPLE INDIVIDUALS AND COMMERCIAL OUTFITTERS TO LOAD QUICKLY, KEEPING THE LOADING ZONE CLEAR.





**RESTORED RIVER**  
USACE RESTORATION INVOLVING THE REMOVAL OF RIVER BARRIERS, THE STABILIZATION OF BANKS, AND THE REINTRODUCTION OF NATIVE VEGETATION.



**FISHING PLATFORM**  
PROVIDES ANGLERS WITH A SAFE AND ACCESSIBLE PLACE TO FISH.



**TRAILS**  
PROVIDE HARDENED SURFACES FOR HIGH TRAFFIC PATHWAYS. SURFACING SHOULD BE PERVIOUS, QUICK DRYING, AND NON-SLIP. EXAMPLE SURFACES COULD BE NATURAL MATERIAL SUCH AS CRUSHED LIMESTONE.



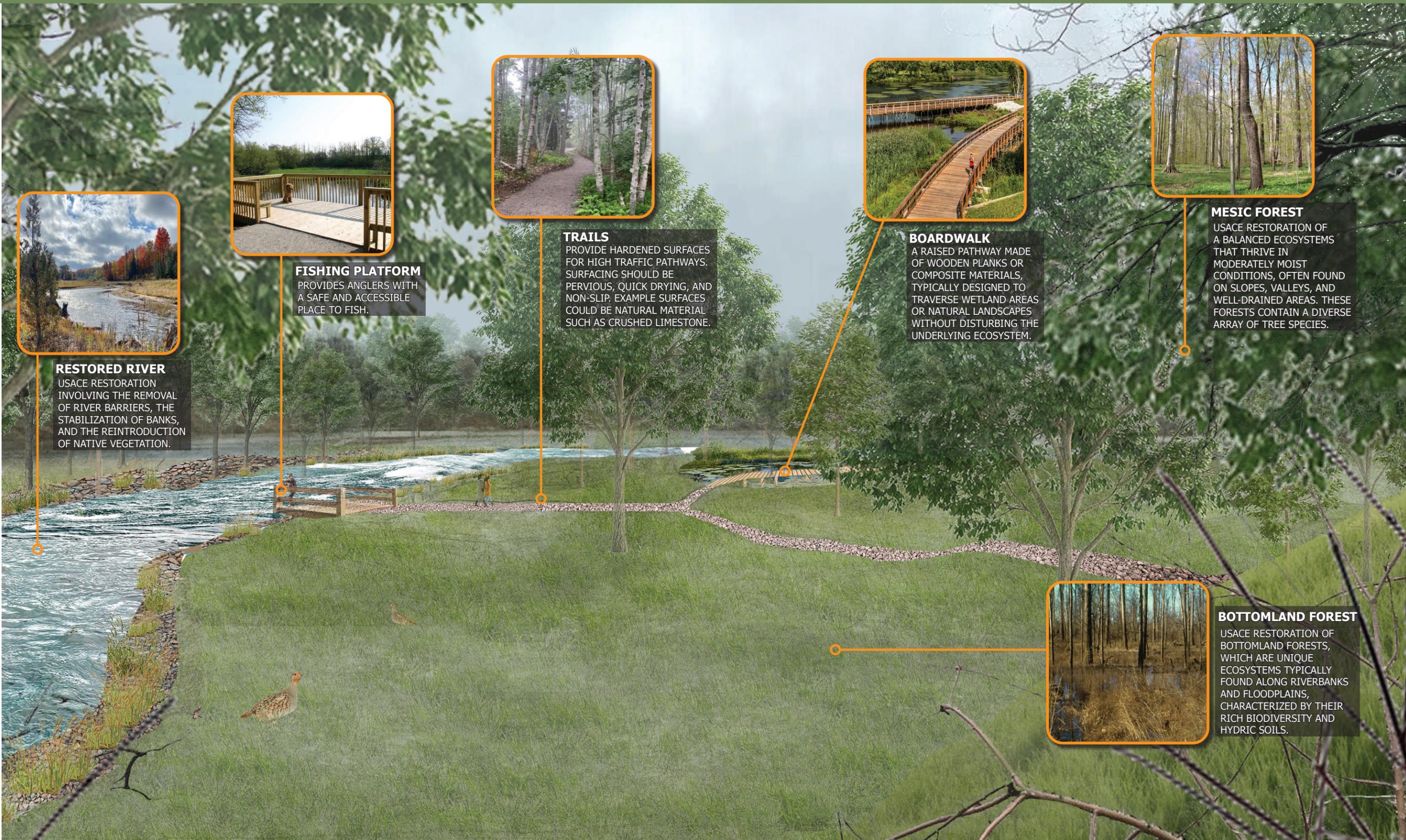
**BOARDWALK**  
A RAISED PATHWAY MADE OF WOODEN PLANKS OR COMPOSITE MATERIALS, TYPICALLY DESIGNED TO TRAVERSE WETLAND AREAS OR NATURAL LANDSCAPES WITHOUT DISTURBING THE UNDERLYING ECOSYSTEM.



**MESIC FOREST**  
USACE RESTORATION OF A BALANCED ECOSYSTEMS THAT THRIVE IN MODERATELY MOIST CONDITIONS, OFTEN FOUND ON SLOPES, VALLEYS, AND WELL-DRAINED AREAS. THESE FORESTS CONTAIN A DIVERSE ARRAY OF TREE SPECIES.



**BOTTOMLAND FOREST**  
USACE RESTORATION OF BOTTOMLAND FORESTS, WHICH ARE UNIQUE ECOSYSTEMS TYPICALLY FOUND ALONG RIVERBANKS AND FLOODPLAINS, CHARACTERIZED BY THEIR RICH BIODIVERSITY AND HYDRIC SOILS.





**SINGLE TRACK BIKING TRAIL**  
SINGLE TRACK TRAILS WOULD ACTIVATE THIS UNDERUTILIZED OPEN SPACE AND PROVIDE OPPORTUNITIES FOR TRAILS CLOSE TO THE DOWNTOWN AND RESIDENTIAL COMMUNITIES.



**RECREATIONAL TRAIL**  
HARDENED SURFACE TO BE ACCESSIBLE FOR ALL USERS PROVIDE OPPORTUNITIES FOR QUIET HIKES AMONG THE NATURAL LANDSCAPE. THESE TRAILS WILL PROVIDE CONNECTIONS FROM THE RESIDENTIAL COMMUNITIES TO DOWNTOWN AMENITIES AND THE UNIVERSITY.



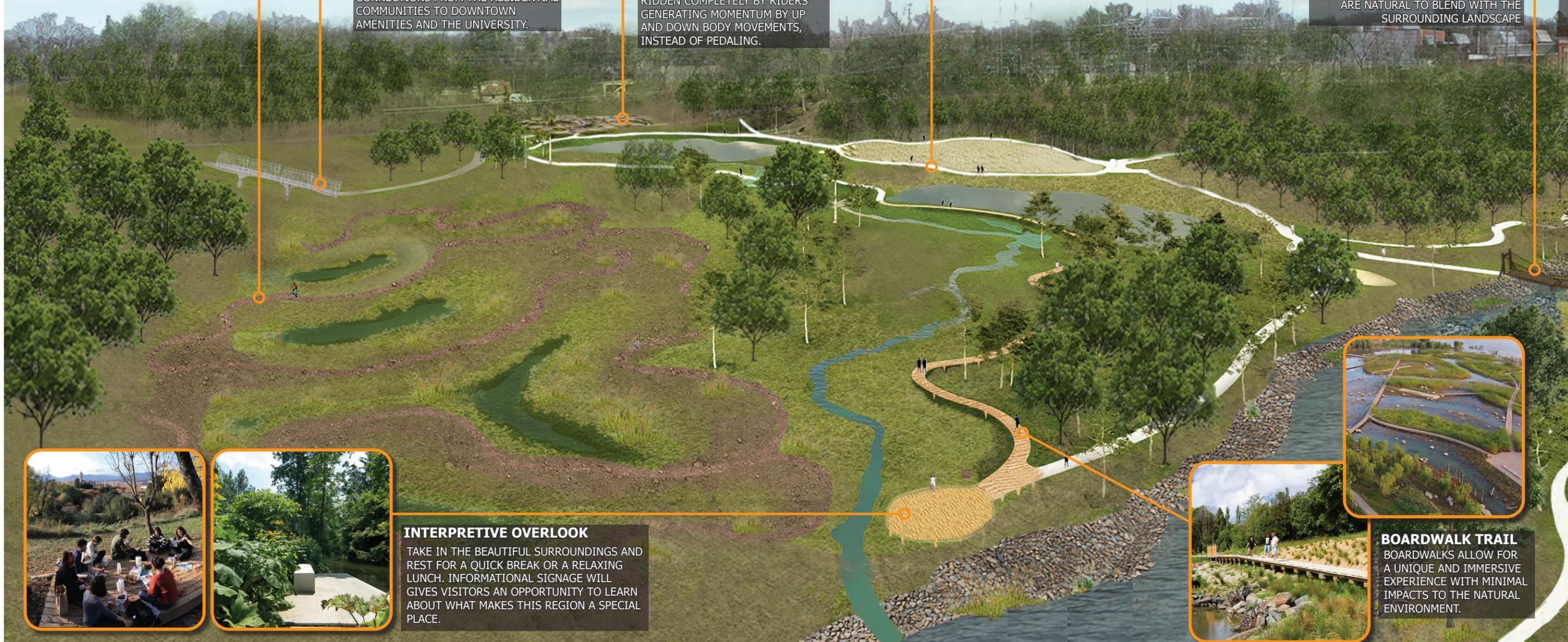
**PUMP TRACK**  
PUMP TRACKS CATER TO A WIDE VARIETY OF RIDER SKILL LEVELS. THESE TRACKS ARE A COMBINATION OF ROLLERS, BANKED TURNS, AND FEATURES ARE DESIGNED TO BE RIDDEN COMPLETELY BY RIDERS GENERATING MOMENTUM BY UP AND DOWN BODY MOVEMENTS, INSTEAD OF PEDALING.



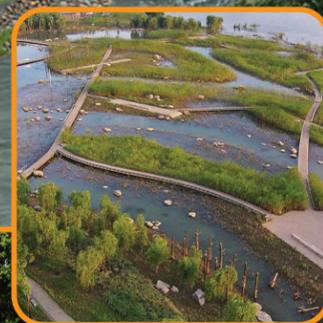
**SPRING POND TRAILS**  
A DESIGNATED TRAIL SYSTEM ALLOWS RESIDENTS TO ENJOY THE TRANQUIL SETTING OF THESE UNIQUE AND BEAUTIFUL LANDSCAPE FEATURES.



**POSSIBLE BRIDGE CROSSING**  
A BRIDGE CROSSING WOULD CONNECT THE SPRING POND AREAS TO GLEN PARK AND RECREATION AREAS ON THE EAST SIDE OF THE KINNICKINNIC RIVER. BRIDGE MATERIALS PROPOSED ARE NATURAL TO BLEND WITH THE SURROUNDING LANDSCAPE



**INTERPRETIVE OVERLOOK**  
TAKE IN THE BEAUTIFUL SURROUNDINGS AND REST FOR A QUICK BREAK OR A RELAXING LUNCH. INFORMATIONAL SIGNAGE WILL GIVES VISITORS AN OPPORTUNITY TO LEARN ABOUT WHAT MAKES THIS REGION A SPECIAL PLACE.



**BOARDWALK TRAIL**  
BOARDWALKS ALLOW FOR A UNIQUE AND IMMERSIVE EXPERIENCE WITH MINIMAL IMPACTS TO THE NATURAL ENVIRONMENT.



**SINGLE TRACK BIKING TRAIL**

A NARROW, WINDING PATHWAY DESIGNED FOR MOUNTAIN BIKING. THESE TRAILS OFTEN WEAVE THROUGH NATURAL LANDSCAPES, PROVIDING AN IMMERSIVE EXPERIENCE WITH THE SURROUNDING ENVIRONMENT. TRAILS CAN BE DESIGNED TO ACCOMMODATE VARIOUS SKILL LEVELS.



**BOTTOMLAND FOREST**

USACE RESTORATION OF BOTTOMLAND FORESTS, WHICH ARE UNIQUE ECOSYSTEMS TYPICALLY FOUND ALONG RIVERBANKS AND FLOODPLAINS, CHARACTERIZED BY THEIR RICH BIODIVERSITY AND HYDRIC SOILS.



**RESTORED RIVER**

USACE RESTORATION INVOLVING THE REMOVAL OF RIVER BARRIERS, THE STABILIZATION OF BANKS, AND THE REINTRODUCTION OF NATIVE VEGETATION.



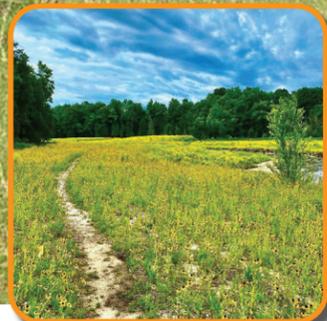
**FISHING ACCESS**

PROVIDE DESIGNATED FISHING AREAS AND MARKED TRAILS ALONG THE RIVER TO MINIMIZE SOCIAL TRAILS.



**BRIDGE CROSSING**

DAM REMOVAL ALLOWING RIVER RESTORATION AND PEDESTRIAN PATHWAY ACROSS THE RIVER TO ENHANCE CONNECTIVITY WITH UNIQUE SCENIC VIEWS. OPPORTUNITY TO RE-PURPOSE THE EXISTING REMNANT DAM INFRASTRUCTURE AS A BRIDGE CONNECTION OR UNIQUE HISTORICAL ATTRACTION.



**HIKING TRAILS**

NATURAL SURFACE TRAILS ALLOW FOR LOW IMPACT DESIGNATED ROUTES FOR VISITORS TO ENJOY THE RIVER RESTORATION THESE TRAILS ARE IDEAL FOR BACKPACKING, TRAIL RUNNING, CROSS-COUNTRY SKIING, SNOWSHOEING, BIRD WATCHING, AND PHOTOGRAPHY.

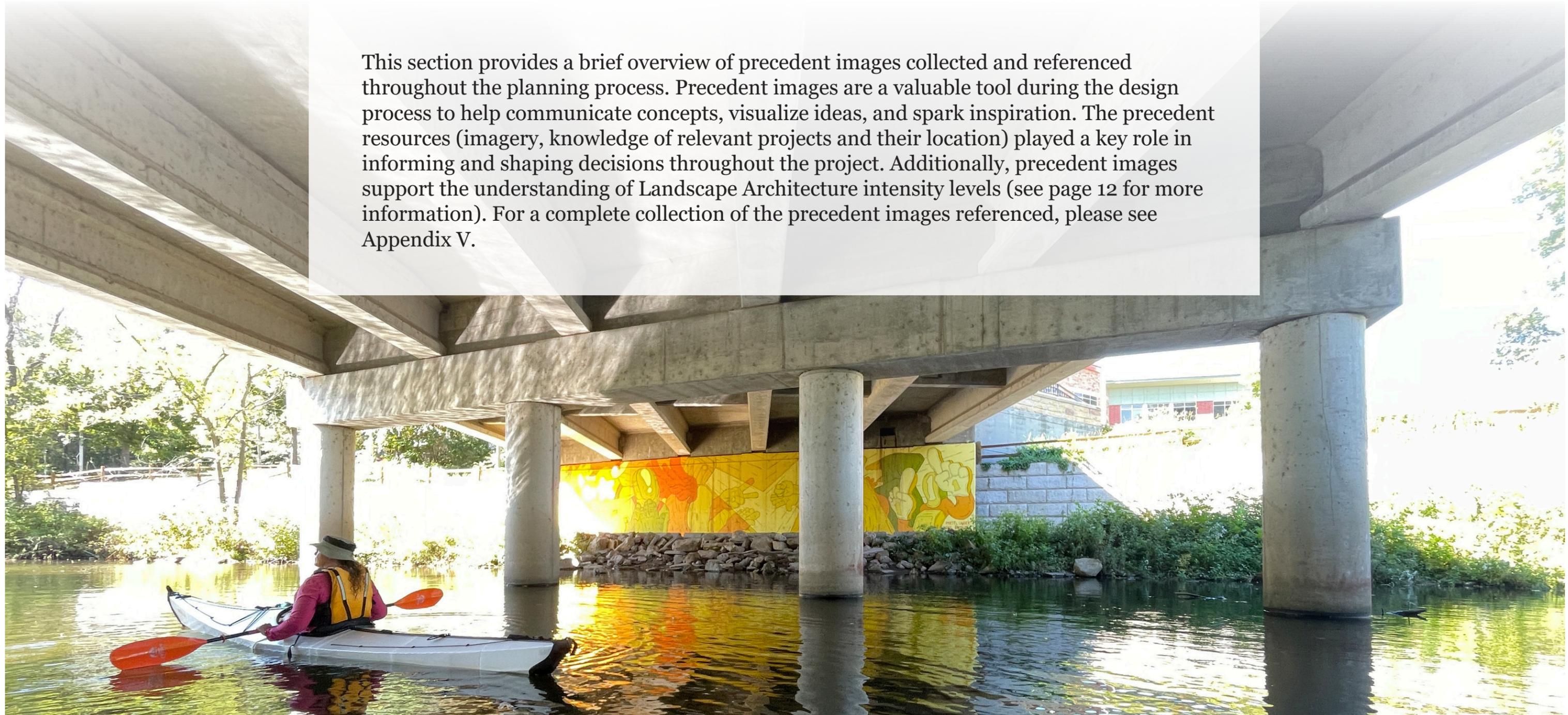


**WALKING TRAIL**

HARDENED SURFACE TRAILS ARE IDEAL FOR USERS OF ALL ABILITIES. THEY CAN BE EASILY NAVIGATED BY STROLLERS, BIKES, WHEELCHAIRS AND EMERGENCY VEHICLES.

# SECTION VI: PRECEDENT IMAGES

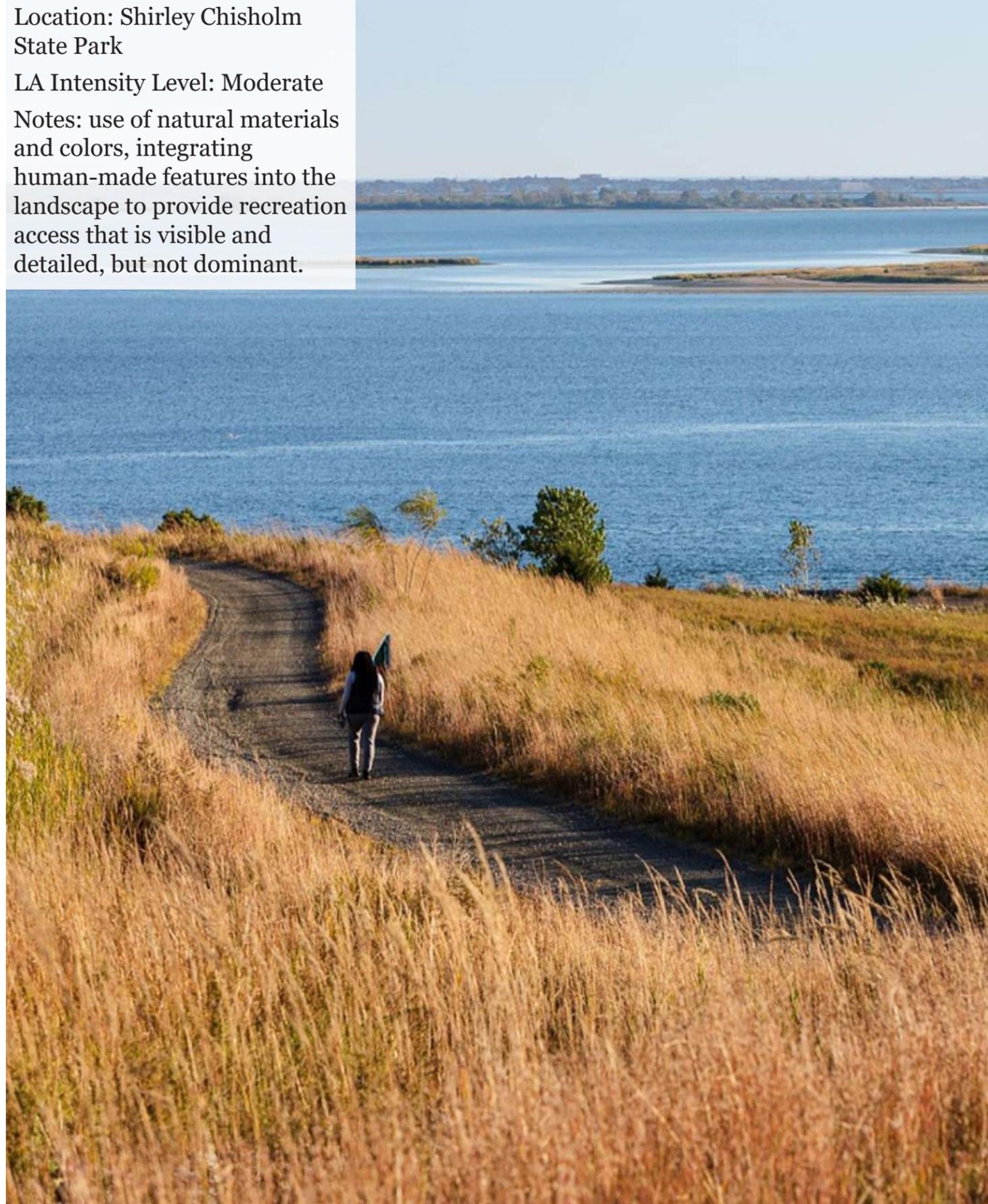
This section provides a brief overview of precedent images collected and referenced throughout the planning process. Precedent images are a valuable tool during the design process to help communicate concepts, visualize ideas, and spark inspiration. The precedent resources (imagery, knowledge of relevant projects and their location) played a key role in informing and shaping decisions throughout the project. Additionally, precedent images support the understanding of Landscape Architecture intensity levels (see page 12 for more information). For a complete collection of the precedent images referenced, please see Appendix V.



Location: Shirley Chisholm State Park

LA Intensity Level: Moderate

Notes: use of natural materials and colors, integrating human-made features into the landscape to provide recreation access that is visible and detailed, but not dominant.



Location: Meshersky Forest

LA Intensity Level: Low

Notes: use of natural materials, integrating human-made features into the landscape to provide recreation access.



Location: River Forest Island

LA Intensity Level: Moderate

Notes: use of natural materials and colors, integrating human-made features into the landscape to provide recreation access that is visible and detailed, but not dominant.

Location: Shirley Chisholm State Park

LA Intensity Level:

Notes: use of natural materials and colors, integrating human-made features into the landscape to provide recreation access that is visible and defined, but not dominant.



Location: The Embankments of the Iles de Nantes

LA Intensity Level: High

Notes: architectural features with strong form. Natural and man-made materials fitted together seamlessly. Hardened surfaces. Plants edge the defined space to soften and connect with nature.



Location: Girona's Shores

LA Intensity Level: Low

Notes: use of natural materials, informal and multi-use space, flexible gathering space.



Location: The Embankments of the Iles de Nantes

LA Intensity Level: High

Notes: architectural features with strong form. Natural materials fitted into the overall design along with hardened surfaces and well-behaved plant varieties. Creating play/fun activated spaces along the river greenway.



Location: Sandgrund Park

LA Intensity Level: Moderate

Notes: use of natural materials, integrating human-made features into the landscape to provide recreation access that is visible and defined, but not dominant. Multi-use / purpose space.



Location: Tikkurila Waterfront,  
Eastern Park Area

LA Intensity Level: Moderate

Notes: use of natural materials,  
integrating human-made features  
into the landscape to provide  
recreation access that is visible  
and defined, but not dominant.  
Multi-use / purpose space.  
Integration of plants as an edge  
treatment. Lighting for safety and  
to highlight various features.



# SUMMARY I: COST ESTIMATES

The core team worked to determine a high-level cost estimate for the outdoor recreation amenities illustrated in this document.

Construction cost estimates were largely developed using 2024 RSMeans data. Additionally, technical specialists were consulted to estimate unique project costs—such as suspension bridges, pump tracks, and skills courses.

The core team also reviewed related projects in which we had a hand in developing. Looking at recent projects that included elements such as restrooms, amphitheaters, and pavilions yielded cost estimates that were easily adapted to current conditions using an inflation calculator from the U.S. Bureau of Economic Analysis.

For outdoor recreation elements that were neither standardized nor had clear precedents—and for which we were unable to consult technical specialists—we sought examples from around the world to inform our cost assumptions. This included landscape-based art installations and cantilevered sidewalk or boardwalk structures. We looked wherever we could to find relevant information.

At times, large language models—such as Microsoft Copilot or Grok from xAI—were used to generate estimates and cross-check against known values.

All this to say: cost estimating the outdoor recreation amenities for a project of this scale is an exercise in informed estimation. We understand that if these elements are constructed, detailed design will influence final pricing. We also recognize that construction will likely occur in a future year, during which price escalation will continue. We have built contingency into the overall project estimate accordingly.

From a high-level standpoint, we believe these numbers do a good job of capturing the kind of investment the City of River Falls can expect to make in a once-in-a-century opportunity.

The City of River Falls has access to all of the research and assumptions that went into calculating the costs for this project, and they can be consulted with any questions that arise from the information on this page.

This project has an overall expected price range of \$17.2 million - \$29.4 million, as estimated in 2025. This includes a 30% contingency, which should help manage inflation over the next couple of years.



# SUMMARY II: GIS & DIGITIZED CAD LINEWORK

The gathering of spatial data sets, such as floodplains, contour lines, sidewalk networks, partial boundaries, etc., was an important part of the thinking and design process for this project. These data sets were utilized in ArcGIS to create the base maps that served as the foundation for field work, concept site design, and conceptual renderings.

Additionally, GIS data was also exported as linework that can be opened and manipulated in AutoCAD. While the linework and data for outdoor recreation proposals looks similar in each program, the use of this linework for planning purposes is dissimilar. The project data in AutoCAD was important for estimating the values of materials, labor and equipment needed to build and cost-estimate at a high-level an opinion of probable cost for all the outdoor recreation amenities illustrated in this document.

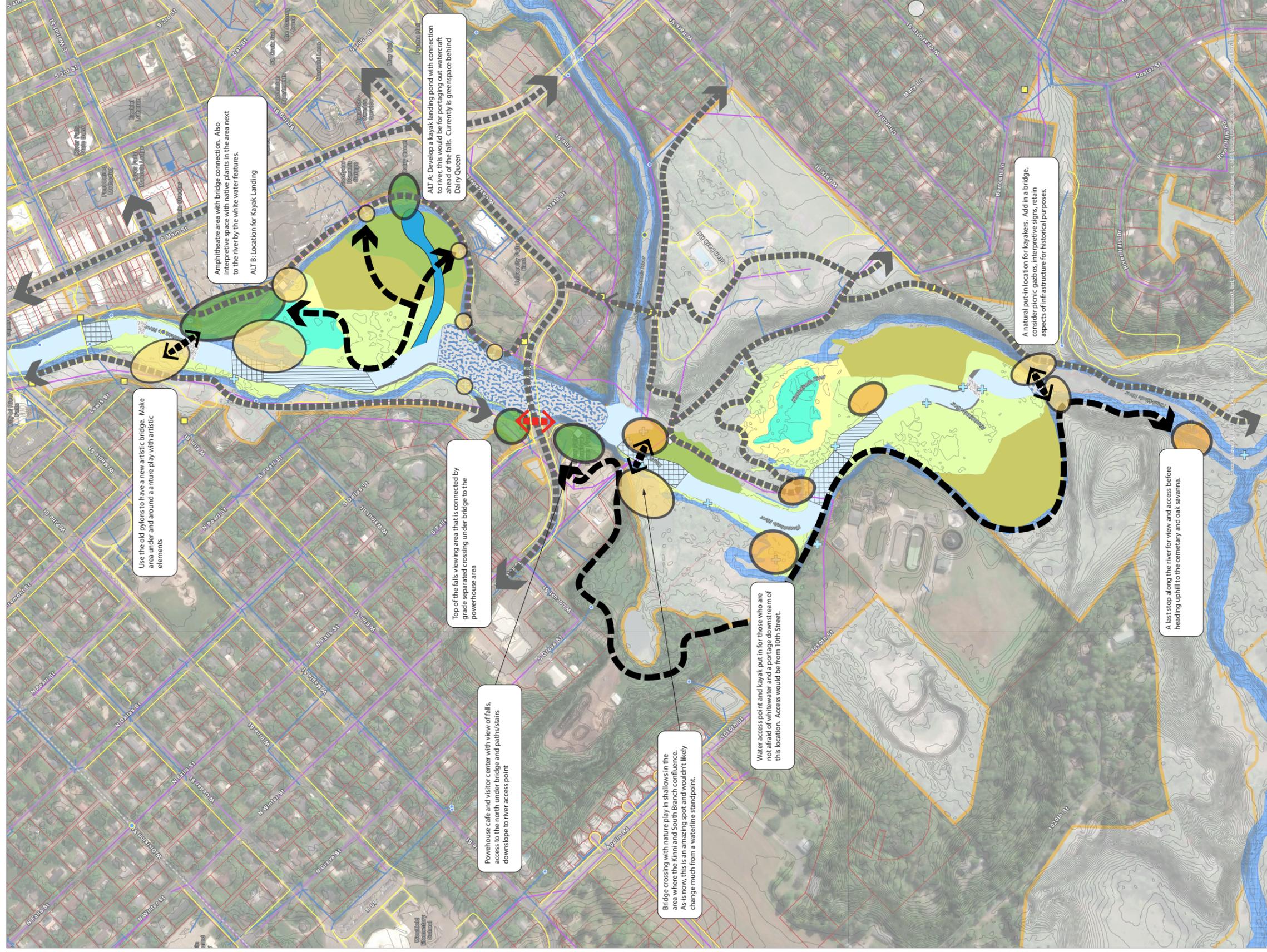
Standalone, complete files of the GIS and CAD data for this project have been created for the City of River Falls to use internally, and to share with future collaborators and contractors. In the pages that follow, views of each of these data sets are provided, as well as additional considerations to bear in mind before using this data.



# APPENDIX I: FULL PAGE BUBBLE MAPS

Appendix I contains full page bubble maps found in Section I.





Use the old pylons to have a new artistic bridge. Make area under and around a arture play with artistic elements

Amphitheatre area with bridge connection. Also interpretive space with native plants in the area next to the river by the white water features.  
ALT B: Location for Kayak Landing

ALT A: Develop a kayak landing pond with connection to river, this would be for poraging out watercraft ahead of the falls. Currently is greenspace behind Dairy Queen

Top of the falls viewing area that is connected by grade separated crossing under bridge to the powerhouse area

Powerhouse cafe and visitor center with view of falls, access to the north under bridge and paths/stairs downslope to river access point

Bridge crossing with nature play in shallows in the area where the Kinni and South Branch confluence. As-is now, this is an amazing spot and wouldn't likely change much from a waterline standpoint.

Water access point and kayak put in for those who are not afraid of whitewater and a porage downstream of this location. Access would be from 10th Street.

A natural put-in location for kayakers. Add in a bridge, consider picnic gazebos, interpretive signs, retain aspects of infrastructure for historical purposes.

A last stop along the river for view and access before heading uphill to the cemetery and oak savanna.

# NPS & River Falls Kinnickinnic River Planning | Map 1 | September 2024



## Spot Bike Ped Improvements

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge
- NPS Proposed River Access Sites

## CAP206 Restoration Categories

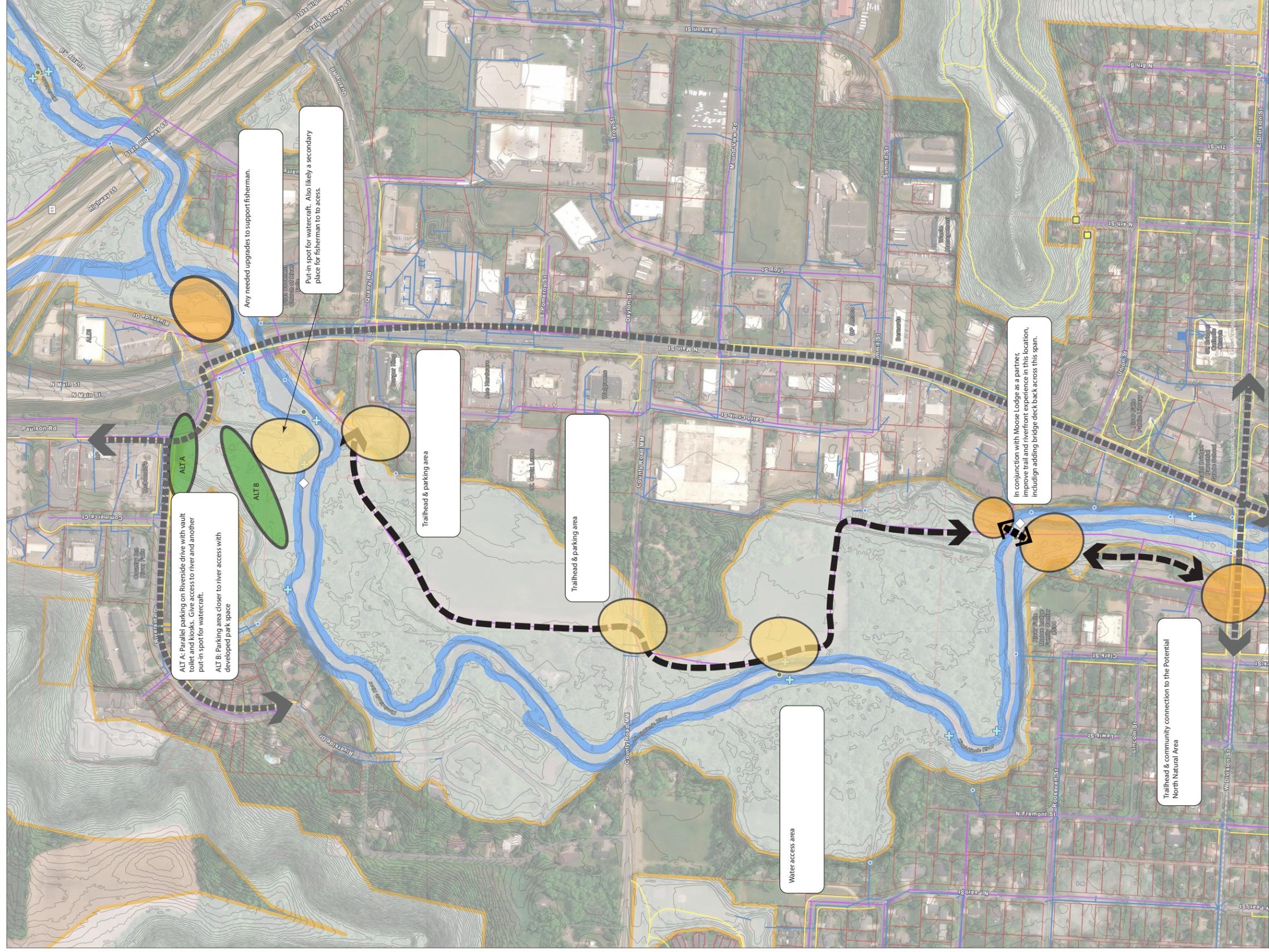
- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

- Outfalls
- Stormwater Pipes
- Sanitary Sewer Lines
- Crosswalks
- Sidewalks and Trails
- 2' Contour Line
- 35' Vegetation Buffer
- Green Corridors
- Parcel Boundaries
- Trailhead

## Scene Renders

- KState

- Proposed Non-Motorized Trail
- Proposed Pedestrian Bridge
- Proposed Non-Motorized Route
- Existing Non-Motorized Route



# NPS & River Falls Kinnickinnic River Planning | Map 2 | September 2024



## Spot Bike Ped Improvements

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge
- + NPS Proposed River Access Sites

## Scene Renders

- KState

## Outfalls

- Stormwater\_Pipes
- Sanitary Sewer Lines
- Crosswalks
- Sidewalks and Trails
- 2' Contour Line
- ▨ 35' Vegetation Buffer
- ▨ Green Corridors
- Parcel Boundaries
- Trailhead

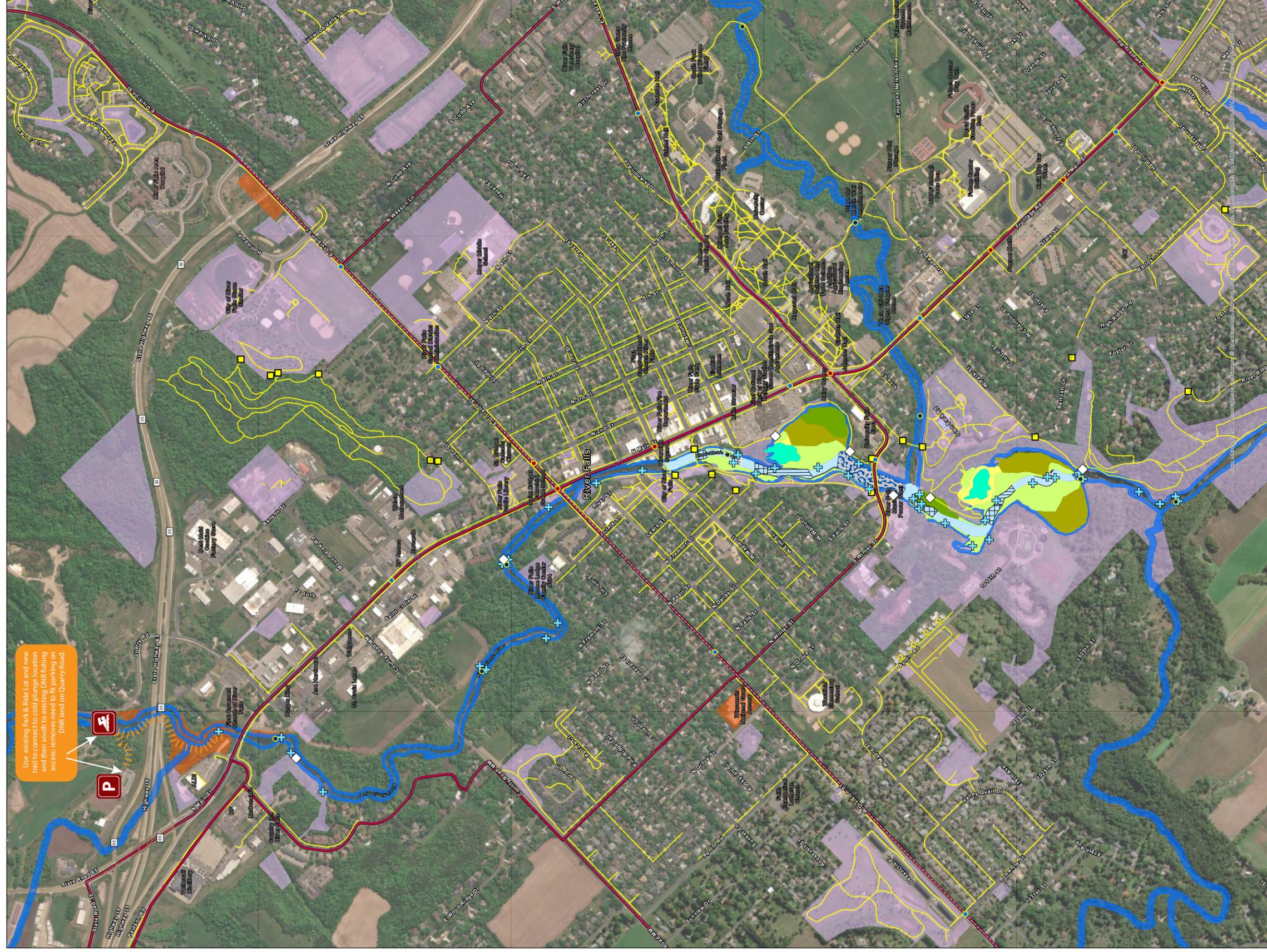
## CAP206 Restoration Categories

- Stream
- ▨ Bottomland Forest + Earthwork
- ▨ Mesic Forest + Earthwork
- ▨ Marsh
- ▨ Bottomland Forest
- ▨ Mesic Forest
- Rock Arch Rapids
- Riffle
- ▨ Natural Waterfall
- ▨ Cross Vane
- ▨ Bank Protection

# APPENDIX II: FULL PLANNING MAPS

Appendix II contains the full page planning maps from Section II.





Use existing Park & Ride Lot and new trail to connect to cold plunge location and then south to existing DNR fishing access; removes need to fit parking on DNR land on Quarry Road.



1,000 Feet

## NPS & River Falls Kinnickinnic River Overview Map B | September 2024

### Spot Bike Ped Improvements Recommendation

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge
- NPS Proposed River Access Sites

### Scene Renders

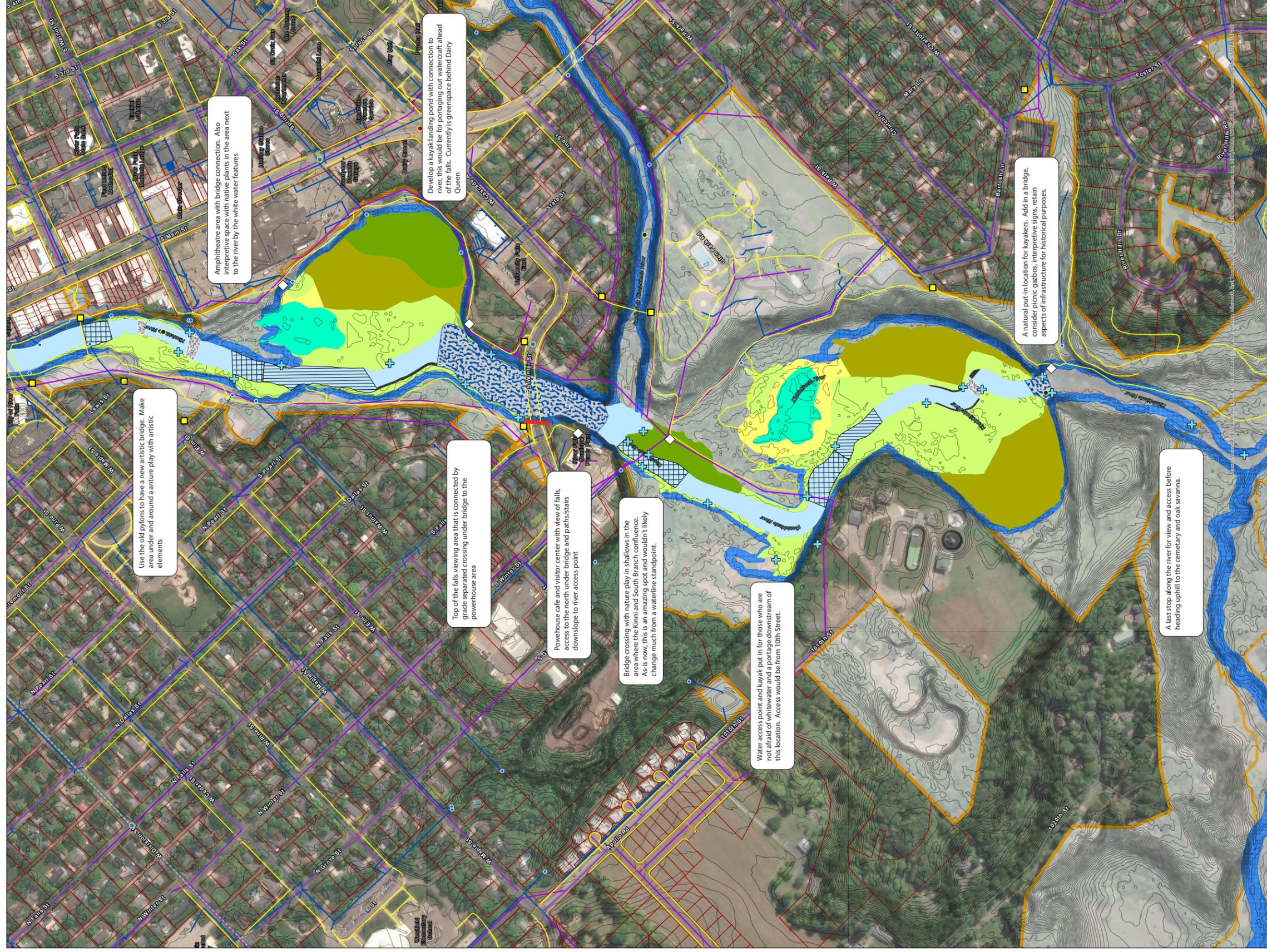
- KState

- City of River Falls Land
- Wisconsin DNR Land
- Sidewalks and Trails
- Comp Plan 2023 City Transp. Loop
- 35' Vegetation Buffer
- Hard Surface Trail
- Corridor Opportunity
- Trailhead

### CAP206 Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection



Use the old pylons to have a new artistic bridge. Make area under and around a arture play with artistic elements

Amphitheatre area with bridge connection. Also interpretive space with native plants in the area next to the river by the white water features

Top of the falls viewing area that is connected by grade separated crossing under bridge to the powerhouse area

Powehouse cafe and visitor center with view of falls, access to the north under bridge and paths/stairs downslope to river access point

Bridge crossing with nature play in shallows in the area where the Kinni and South Branch confluence. As is now, this is an amazing spot and wouldn't likely change much from a waterline standpoint.

Water access point and kayak put in for those who are not afraid of whitewater and a portage downstream of this location. Access would be from 10th Street.

A natural put-in location for kayakers. Add in a bridge, consider picnic gazebos, interpretive signs, retain aspects of infrastructure for historical purposes.

A last stop along the river for view and access before heading uphill to the cemetery and oak savanna.

Develop a kayak landing pond with connection to river, this would be for portaging out watercraft ahead of the falls. Currently is greenspace behind Dairy Queen



400 Feet

# NPS & River Falls Kinnickinnic River Planning | Map 1 | September 2024

## Spot Bike Ped Improvements

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge
- NPS Proposed River Access Sites

## Scene Renders

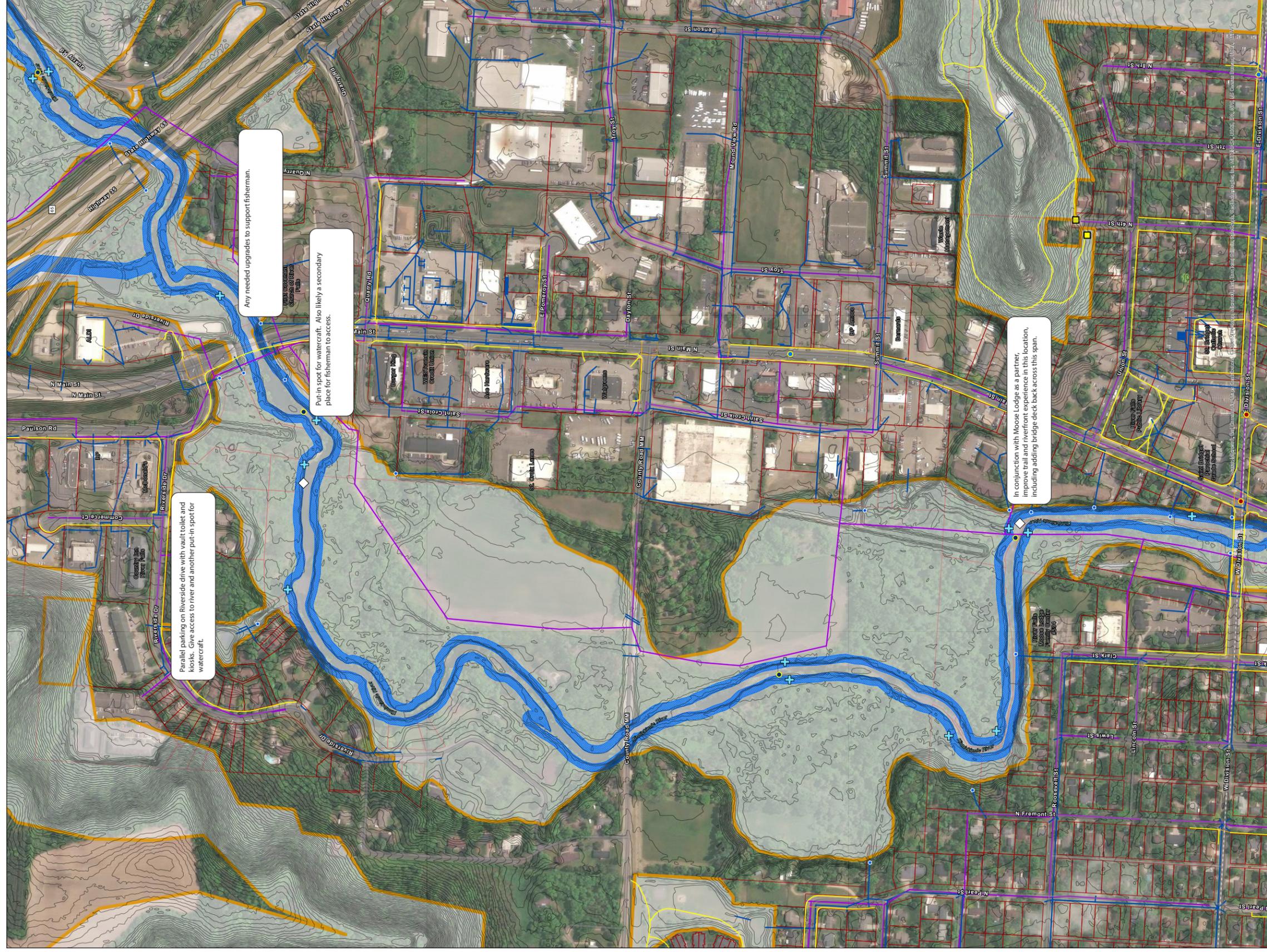
- KState

## CAP206 Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

## Outfalls

- Stormwater Pipes
- Sanitary Sewer Lines
- Crosswalks
- Sidewalks and Trails
- 2' Contour Line
- 35' Vegetation Buffer
- Green Corridors
- Parcel Boundaries
- Trailhead



# NPS & River Falls Kinnickinnic River Planning | Map 2 | September 2024



- Spot Bike Ped Improvements**
- Enhanced Crossing
  - Intersection Improvement
  - Grade Separated Crossing
  - Bridge
  - NPS Proposed River Access Sites

- Outfalls**
- Stormwater\_Pipes
  - Sanitary Sewer Lines
  - Crosswalks
  - Sidewalks and Trails
  - 2' Contour Line
  - 35' Vegetation Buffer
  - Green Corridors
  - Parcel Boundaries
  - Trailhead

- CAP206 Restoration Categories**
- Stream
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest

- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

- Scene Renders**
- KState



Install 45° angled parking on river side of streets that are perimeter to the city owned land. Include curb cut rain gardens evenly spaced. Site the proposed amphitheatre on downhill slope of the hill that runs from Fremont St & Elm Street to the river. Site nature play ground to the north of amphitheatre. Also site watercraft take-out in this area, as well as some fishing access. A pedestrian bridge would extend the Walnut ROW west into Fremont St.

Pedestrian bridge from Elm Street extends the ROW west across the river as a promenade that enables access to the amphitheatre site. This direct connection to grocery store supports commerce during events at amphitheatre. Parking, picnicking, and restroom/changing room facilities sited on east side of river and beach and swim area designed into the existing sanitarium that is at the north side of Lake George. This area also serves as a trailhead for guide trails in former Lake George basin.

Parking lot improvements that the city can make with the business and support needs of access for the public. Also would strengthen connection of UMFH to the restored river corridor as called for in the Kinni Plan.

Tourist Core Area in which the Falls (currently buried under the sediment behind the Junction Falls Dam) of River Falls is host to a major center with food & drink, a major trailhead with world class amenities. The purple slopes with pink outline indicate the unit areas that are managed as a whole.

Significant efforts to protect spring ponds from surface water and subsurface water runoff. Trails, boardwalk and other educational interventions can happen around vicinity of spring ponds. Incorporate interactive, science-based landscape element, such as a Seichi disk into interpretive experience to allow people to develop a relationship to the state of the spring ponds.

Pump Track/Skills Areas and Mountain Bike Trailhead with parking located at current compost yard site.

Mountain bike trail within these undeveloped and disturbed city properties. This brings mountain biking much closer to the city center than siting all potential mountain biking trail south of Glen Park.

Three bridges trail; makes use of existing swing bridge and adds in two additional swing bridges and a pedestrian crossing under Winter St. vehicle bridge.

Purple area with green outline indicates an extensive trail zone for hiking and cross country skiing (on west side of river) and snow shoeing (east side of river). Multiple river access sites are envisioned primarily to support fishing and contemplation. Improvements to trail/steps for portaging watercraft.

### NPS & River Falls Kinnickinnic River Planning Map 1C | September 2024



- Kinni Corridor Plan Map Overlay is Displayed
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- 35' Vegetation Buffer
- CAP206 Stream Extent
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection
- Spot Bike Ped Improvements Recommendation
- Enhanced Crossing
- Intersection Improvement
- Sidewalks and Trails
- Comp Plan 2023 City Transp. Loop
- + NPS Proposed River Access Sites
- Trailhead
- Grade Separated Crossing
- Proposed KState Scene Renders



## NPS & River Falls Kinnickinnic River Planning Map 2C | September 2024

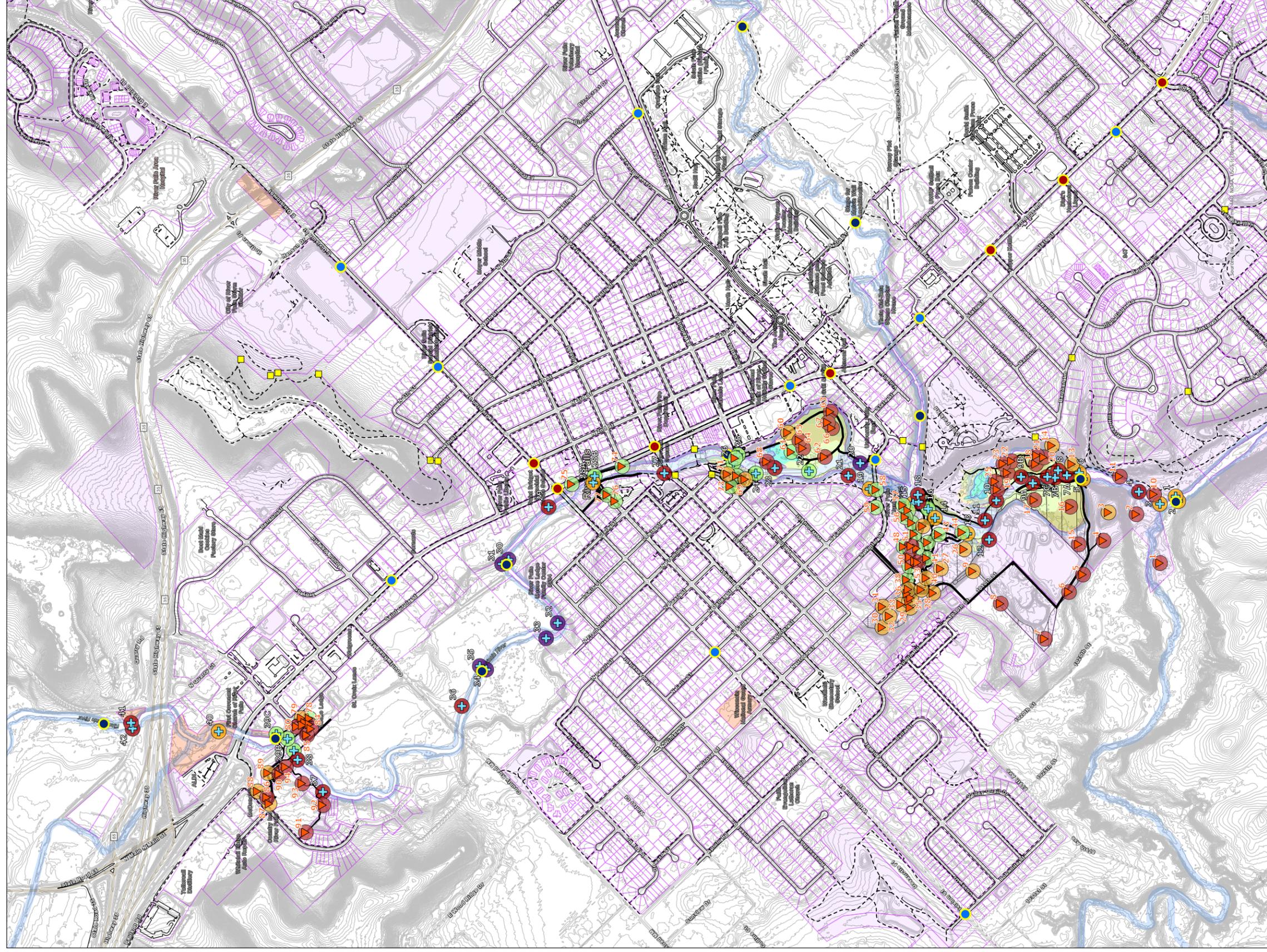
400 Feet

- Kinnickinnic Plan Map Overlay is Displayed
- 35' Vegetation Buffer
- CAP206 Stream Extent
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- Natural Waterfall
- Cross Vane
- Bank Protection
- Rock Arch Rapids
- Riffle
- Spot Bike Ped Improvements
- Enhanced Crossing
- Intersection Improvement
- Sidewalks and Trails
- NPS Proposed River Access Sites
- Trailhead
- Grade Separated Crossing
- Proposed KState Scene Renders
- Hard Surface Trail
- Comp Plan 2023 City Transp. Loop
- Corridor Opportunity

# APPENDIX III: FULL DETAIL CONCEPT MAPS

Appendix III contains the full detail concept maps from Section III.





# NPS & River Falls Kinnickinnic River Overview Map A | September 2025



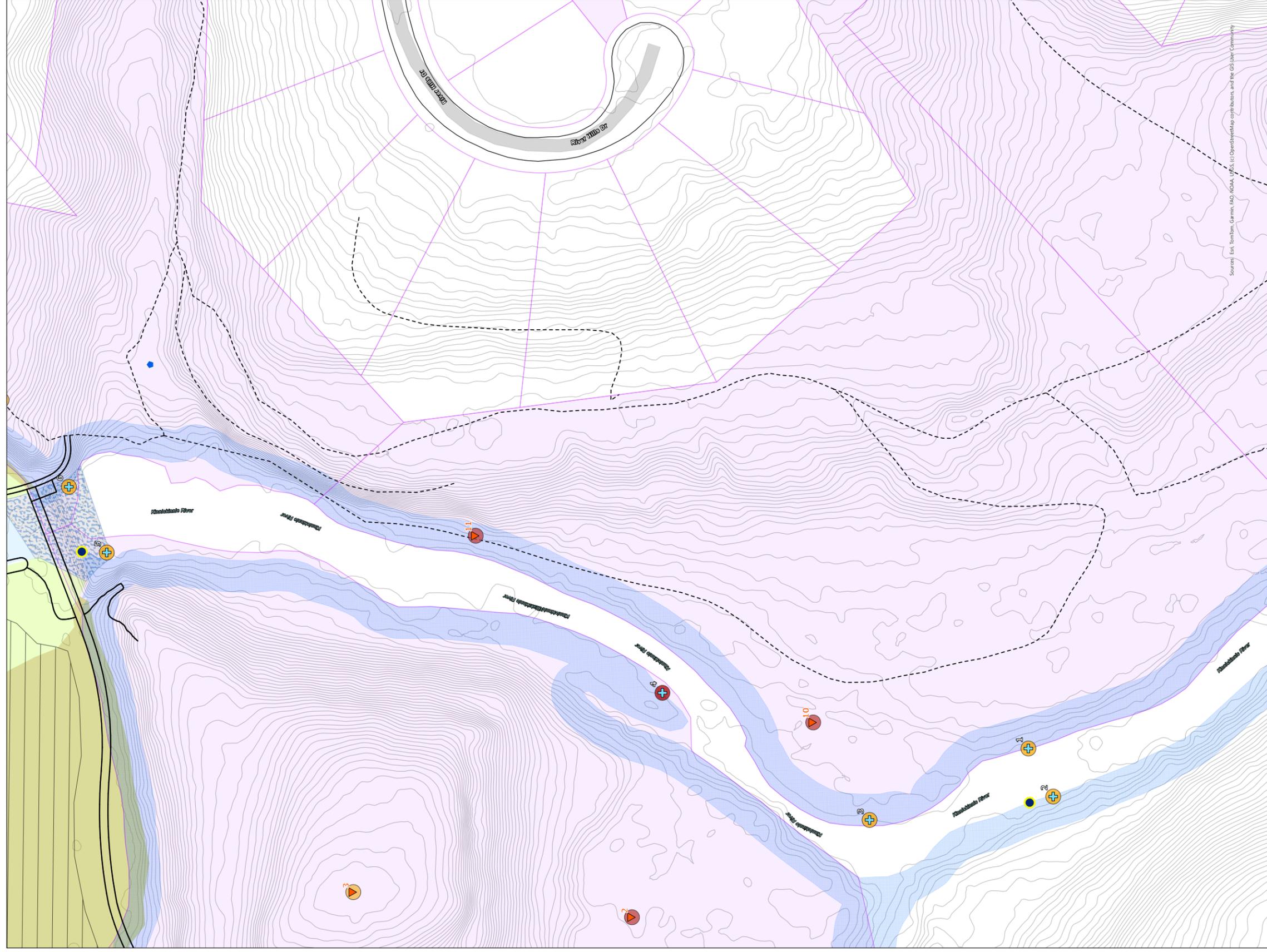
- Spot Bike Ped Improvements Recommendation**
- Enhanced Crossing
  - Intersection Improvement
  - Grade Separated Crossing
  - Bridge

- NPS Proposed Recreation Programs**
- NPS Proposed River Access Sites
- Landscape Architecture Intensity Level**
- Low
  - Moderate
  - High
  - Future Opportunity

- Outdoor Recreation Amenities**
- Sidewalks and Trails
  - Trailhead
  - Street Outlines
  - 2' Contour Line
  - 35' Vegetation Buffer
  - City of River Falls Land
  - Wisconsin DNR Land
  - Parcel Boundaries

- CAP206 Restoration Categories**
- Stream
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest

- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection



## River Falls Kinnickinnic River Concept | South of Powell Dam | July 2025



100 Feet

### Spot Bike Ped Improvements

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge

### NPS Proposed Recreation Programs

- ▶ NPS Proposed River Access Sites

### Outdoor Recreation Amenities

- Sidewalks and Trails
- Trailhead
- Street Outlines
- 2' Contour Line
- 35' Vegetation Buffer
- City of River Falls Land
- Wisconsin DNR Land
- Parcel Boundaries
- Storm Sewer Outfalls

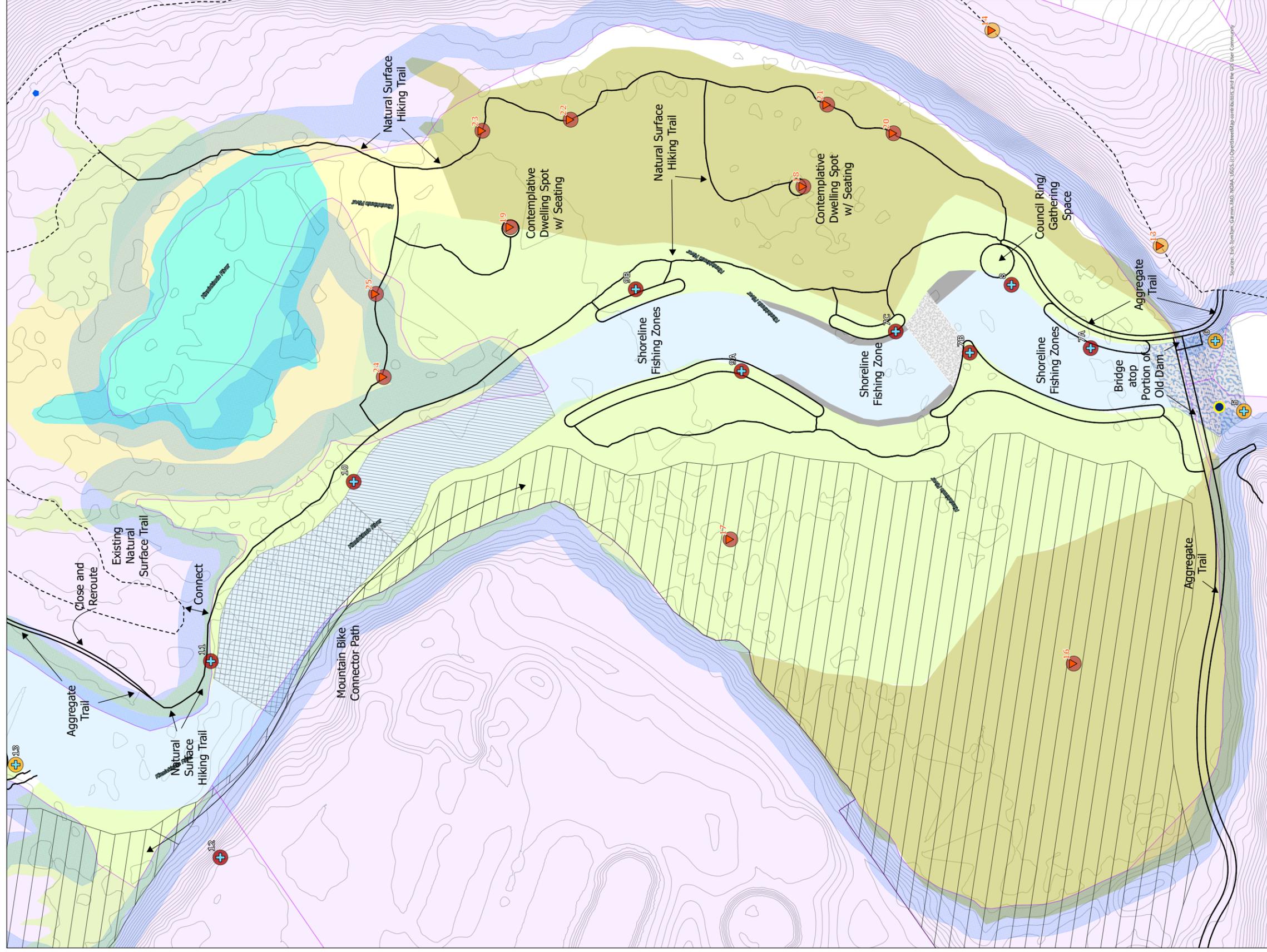
### Landscape Architecture Intensity Level

- Low
- Moderate
- High
- Future Opportunity

### CAP206 Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- ▨ Rock Arch Rapids
- ▨ Riffle
- ▨ Natural Waterfall
- ▨ Cross Vane
- ▨ Bank Protection

This map shows the extent from south of Powell Dam, to a bit north of Powell Dam. There are 6 points that were reviewed in this section of the corridor.



## River Falls Kinnickinnic River Concept | Lake Louise | July 2025

- Spot Bike Ped Improvements Recommendation**
- Enhanced Crossing
  - Intersection Improvement
  - Grade Separated Crossing
  - Bridge

- ▲ NPS Proposed Recreation Programs
- ⊕ NPS Proposed River Access Sites

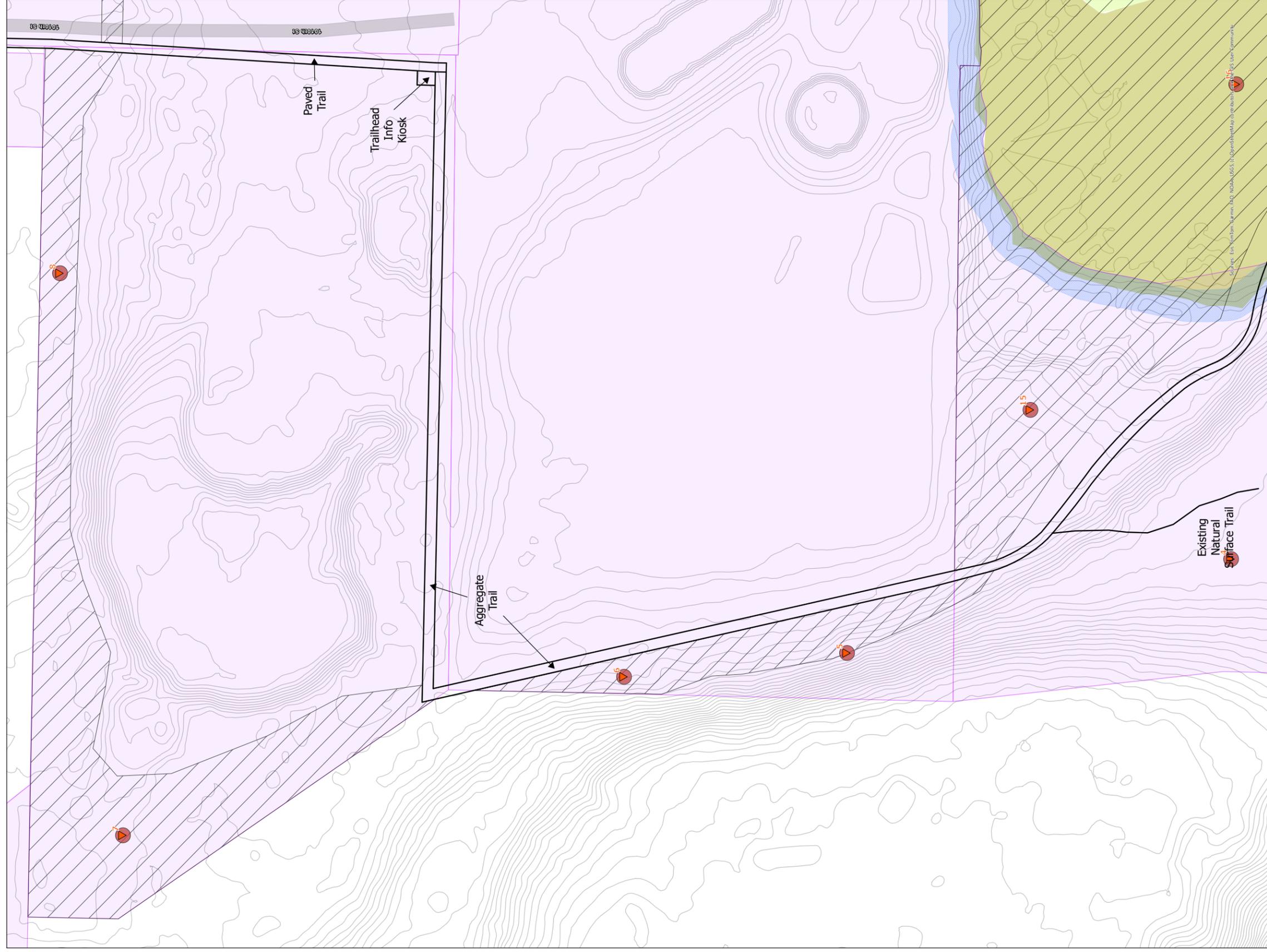
- Landscape Architecture Intensity Level**
- Low
  - Moderate
  - High
  - Future Opportunity

- Outdoor Recreation Amenities**
- Sidewalks and Trails
  - Trailhead
  - Street Outlines
  - 2' Contour Line
  - 35' Vegetation Buffer
  - City of River Falls Land
  - Wisconsin DNR Land
  - Parcel Boundaries
  - Storm Sewer Outfalls

- CAP206 Restoration Categories**
- Stream
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest

- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

Starting from the South, this map begins at Powell Dam and heads north through the previous reservoir area to a sharp river bend.



## River Falls Kinnickinnic River Concept | Treatment Plant | July 2025



- Spot Bike Ped Improvements Recommendation**
- Enhanced Crossing
  - Intersection Improvement
  - Grade Separated Crossing
  - Bridge

- NPS Proposed Recreation Programs**
- NPS Proposed River Access Sites
- Landscape Architecture Intensity Level**
- Low
  - Moderate
  - High
  - Future Opportunity

- Outdoor Recreation Amenities**
- Sidewalks and Trails
  - Trailhead
  - Street Outlines
  - 2' Contour Line
  - 35' Vegetation Buffer
  - City of River Falls Land
  - Wisconsin DNR Land
  - Parcel Boundaries
  - Storm Sewer Outfalls

- CAP206 Restoration Categories**
- Stream
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest

- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

Within this map extent, the treatment plant area is depicted with current and proposed concepts like trails and mountain bike zones. This area is located to the West of the Kinnickinnic River.



## River Falls Kinnickinnic River Concept | Spring Pond Area | July 2025



100 Feet

### Spot Bike Ped Improvements

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge

### NPS Proposed Recreation Programs

- ▲ NPS Proposed Recreation Programs
- + NPS Proposed River Access Sites

### Outdoor Recreation Amenities

- Sidewalks and Trails
- Trailhead
- Street Outlines
- 2' Contour Line
- 35' Vegetation Buffer
- City of River Falls Land
- Wisconsin DNR Land
- Parcel Boundaries
- Storm Sewer Outfalls

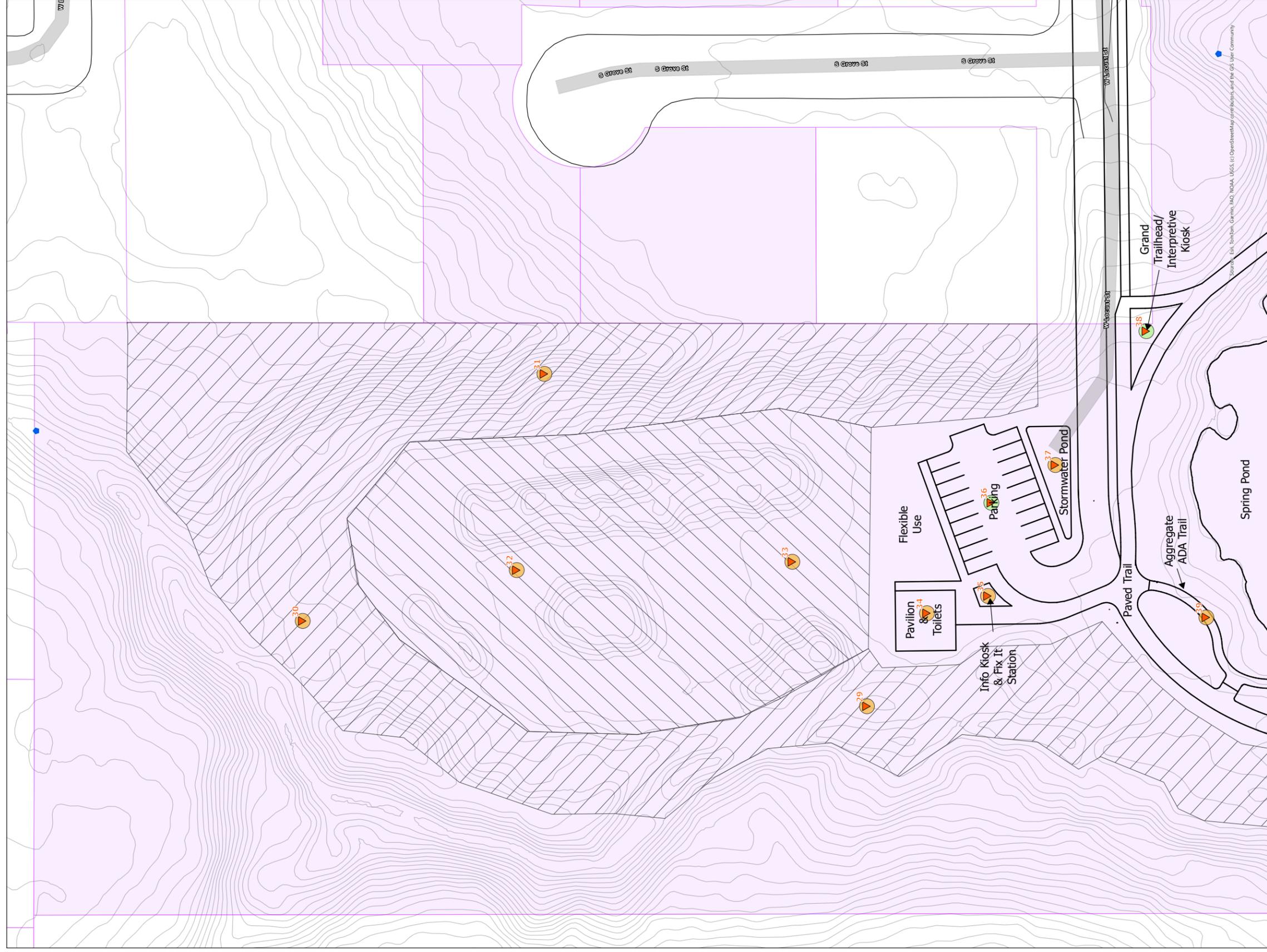
### Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

### Landscape Architecture Intensity Level

- Low
- Moderate
- High
- Future Opportunity

This map depicts the Spring Pond area, located to the West of the Kinnickinnic River. It illustrates potential and current recommendations for this space.



## River Falls Kinnickinnic River Concept | Compost Site | July 2025

- Spot Bike Ped Improvements Recommendation**
- Enhanced Crossing
  - Intersection Improvement
  - Grade Separated Crossing
  - Bridge

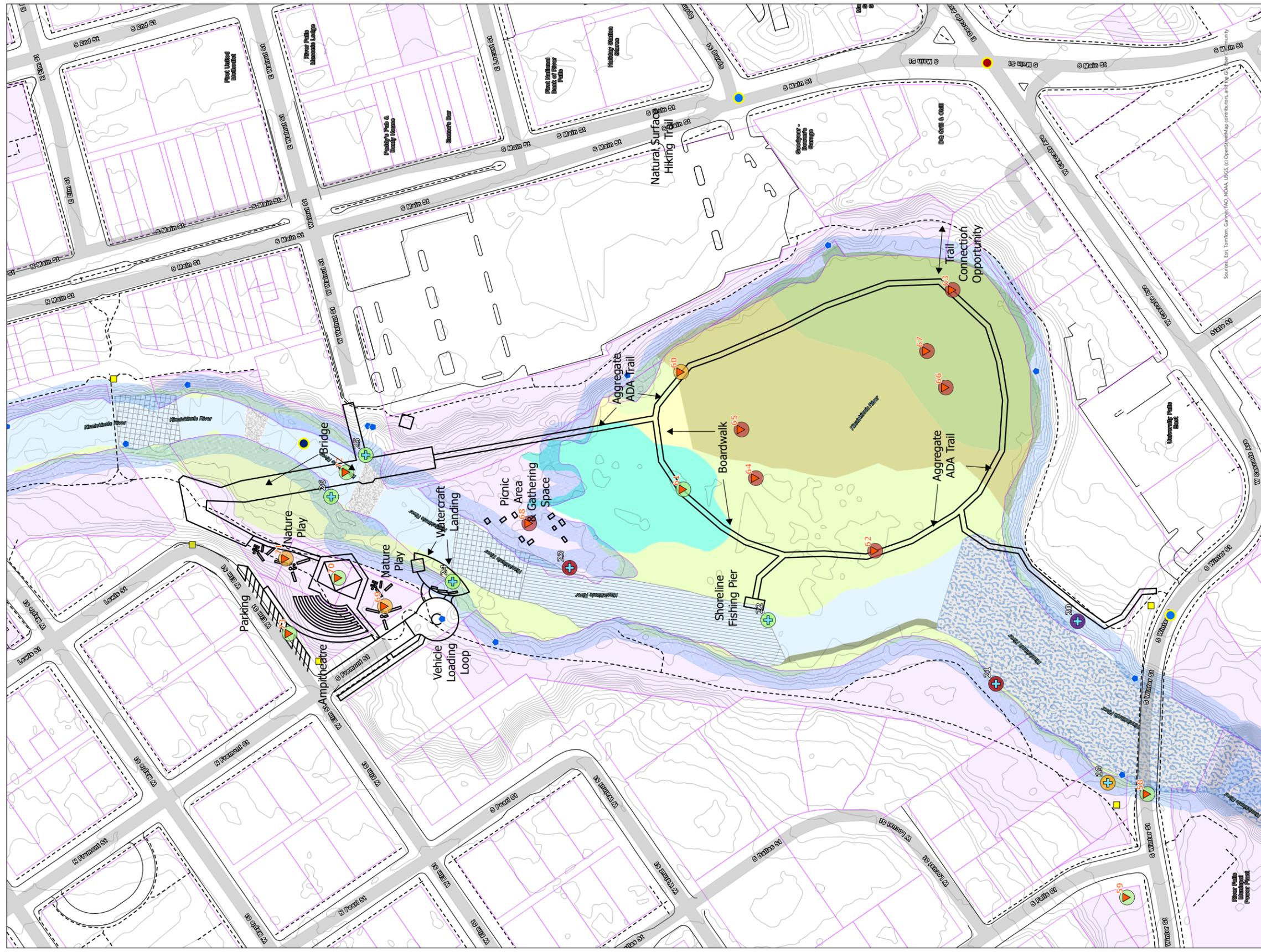
- NPS Proposed Recreation Programs**
- ✚ NPS Proposed River Access Sites
- Landscape Architecture Intensity Level**
- Low
  - Moderate
  - High
  - Future Opportunity

- Outdoor Recreation Amenities**
- Sidewalks and Trails
  - Trailhead
  - Street Outlines
  - 2' Contour Line
  - 35' Vegetation Buffer
  - City of River Falls Land
  - Wisconsin DNR Land
  - Parcel Boundaries
  - Storm Sewer Outfalls

- CAP206 Restoration Categories**
- Stream
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest

- ▨ Rock Arch Rapids
- ▨ Riffle
- ▨ Natural Waterfall
- ▨ Cross Vane
- ▨ Bank Protection

This map extent shows west of the Spring Ponds area. Within this section are concepts areas for parking, trailhead, trail, and a pumptrack.

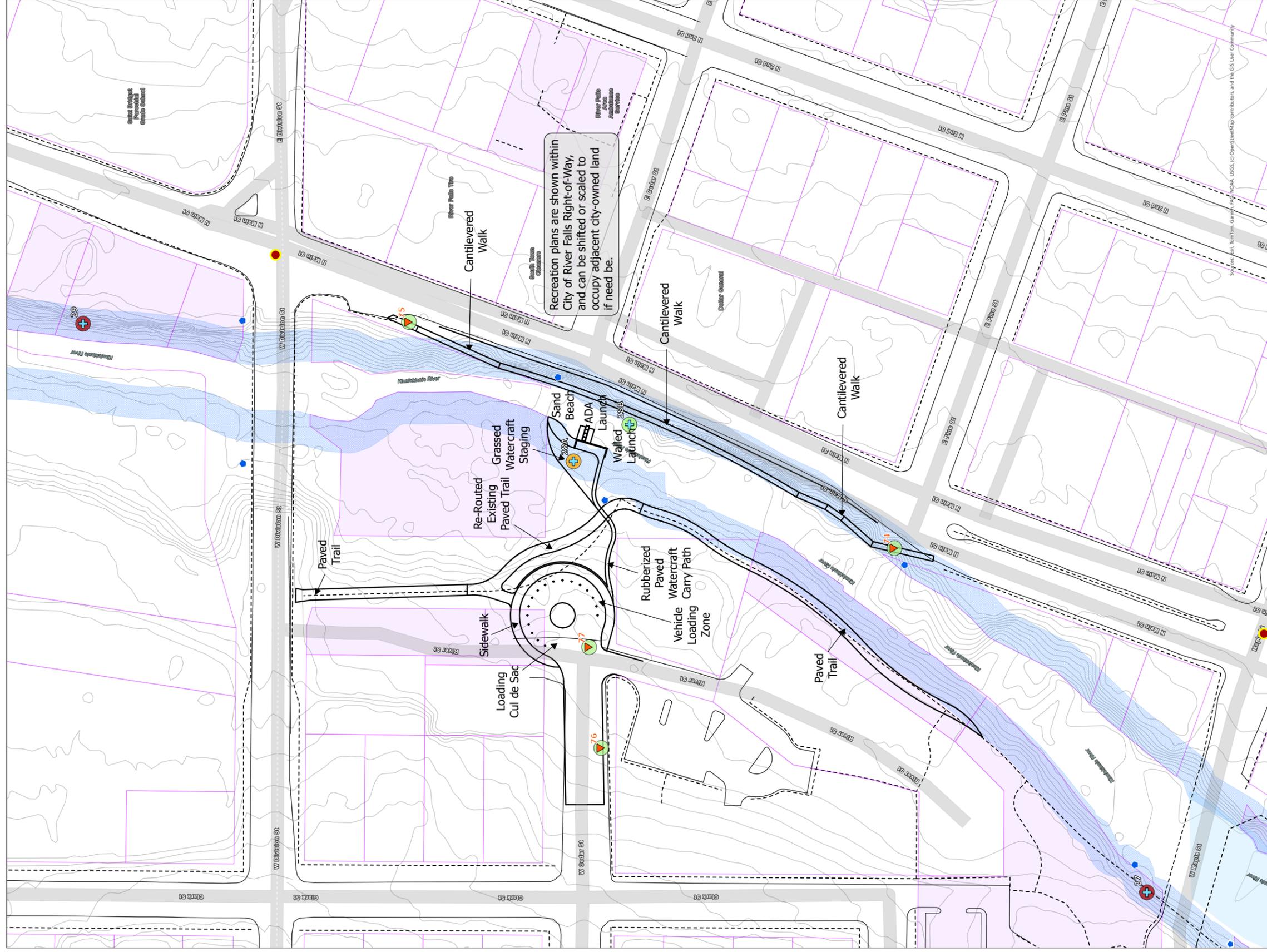


# River Falls Kinnickinnic River Concept | Lake George | July 2025



- Spot Bike Ped Improvements**
  - Enhanced Crossing
  - Intersection Improvement
  - Grade Separated Crossing
  - Bridge
- Recommendation**
  - Future Opportunity
- NPS Proposed Recreation Programs**
  - NPS Proposed River Access Sites
- Outdoor Recreation Amenities**
  - Sidewalks and Trails
  - Trailhead
  - Street Outlines
  - 2' Contour Line
  - 35' Vegetation Buffer
  - City of River Falls Land
  - Wisconsin DNR Land
  - Parcel Boundaries
  - Storm Sewer Outfalls
- Landscape Architecture Intensity Level**
  - Low
  - Moderate
  - High
  - Future Opportunity
- CAP206 Restoration Categories**
  - Stream
  - Bottomland Forest + Earthwork
  - Mesic Forest + Earthwork
  - Marsh
  - Bottomland Forest
  - Mesic Forest
  - Rock Arch Rapids
  - Riffle
  - Natural Waterfall
  - Cross Vane
  - Bank Protection

This map extent starts in the South, just below Junction Falls Dam, continues North above the dam, through the reservoir (Lake George), and continues up around West Maple Street.



## River Falls Kinnickinnic River Concept | Cedar Street Area | July 2025



### Spot Bike Ped Improvements Recommendation

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge

### NPS Proposed Recreation Programs

- ▲ NPS Proposed Recreation Programs
- + NPS Proposed River Access Sites

### Landscape Architecture Intensity Level

- Low
- Moderate
- High
- Future Opportunity

### Outdoor Recreation Amenities

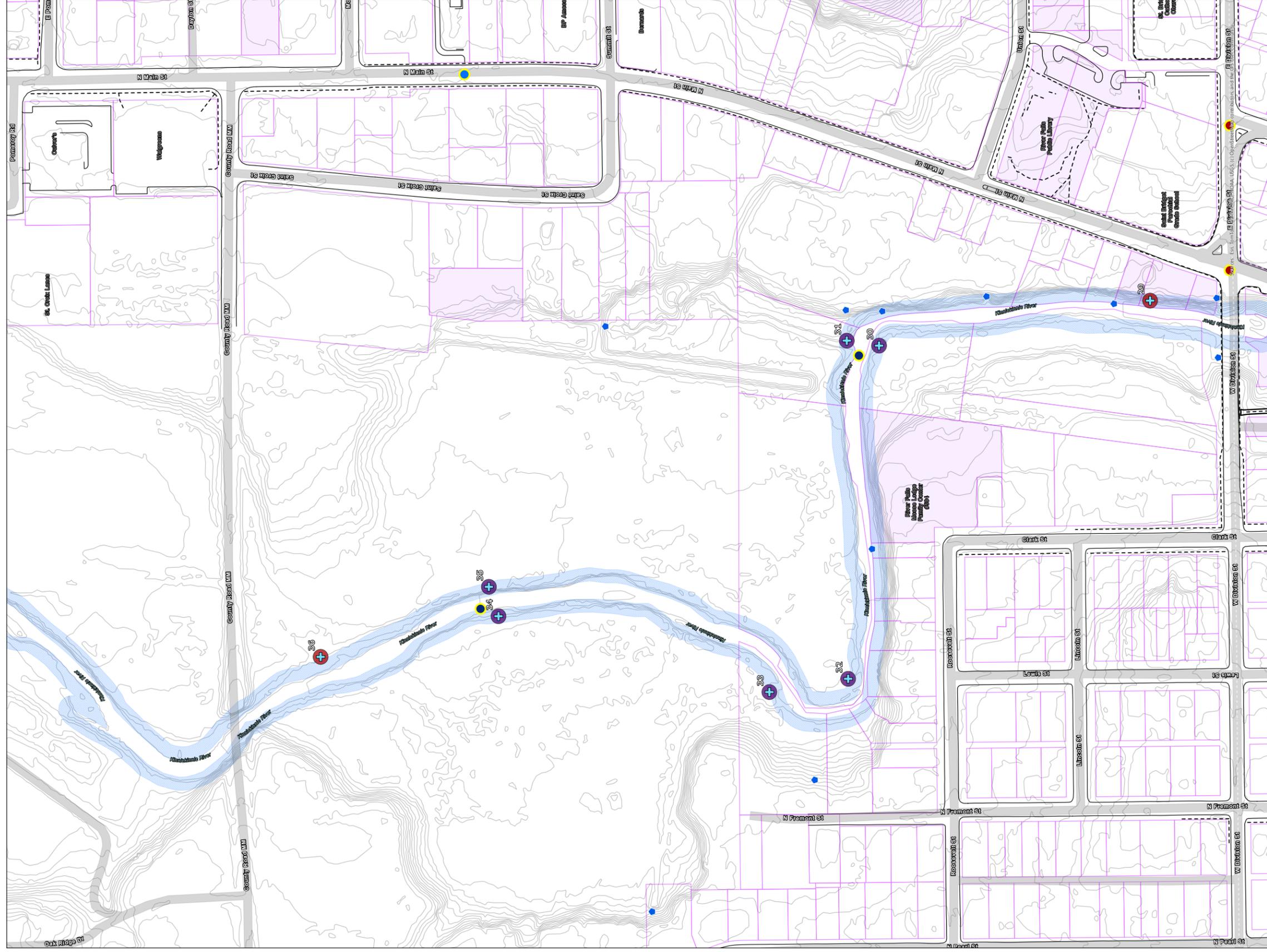
- Sidewalks and Trails
- Trailhead
- Street Outlines
- 2' Contour Line
- 35' Vegetation Buffer
- City of River Falls Land
- Wisconsin DNR Land
- Parcel Boundaries
- Storm Sewer Outfalls

### CAP206 Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

Recreation plans are shown within City of River Falls Right-of-Way, and can be shifted or scaled to occupy adjacent city-owned land if need be.

Continuing North from the previous map extent on page 23, this map starts around West Maple Street. The map extent ends a bit above West Division Street.



## River Falls Kinnickinnic River Concept | Powell Ave Area | July 2025



300 Feet

- Spot Bike Ped Improvements**
- Recommendation**
- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge

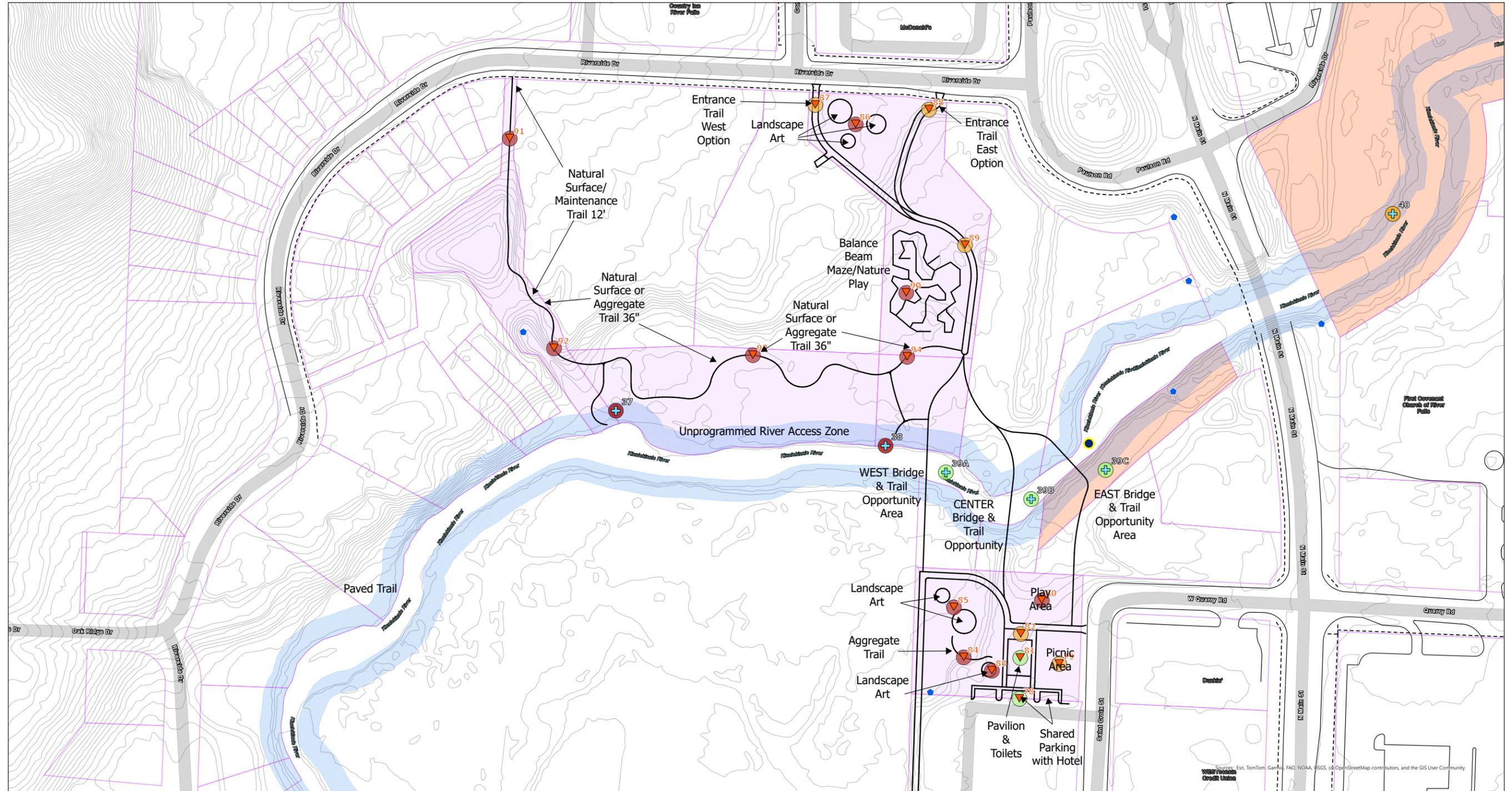
- NPS Proposed Recreation Programs**
- NPS Proposed River Access Sites**
- Landscape Architecture Intensity Level**
- Low
- Moderate
- High
- Future Opportunity

- Outdoor Recreation Amenities**
- Sidewalks and Trails
- Trailhead
- Street Outlines
- 2' Contour Line
- 35' Vegetation Buffer
- City of River Falls Land
- Wisconsin DNR Land
- Parcel Boundaries
- Storm Sewer Outfalls

- CAP206 Restoration Categories**
- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection

This map starts at West Division Street in the South and continues North until around County Road MM.



### River Falls Kinnickinnic River Concept | Riverside Drive | July 2025

#### Spot Bike Ped Improvements Recommendation

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge

- ▼ NPS Proposed Recreation Programs
- ⊕ NPS Proposed River Access Sites

#### Landscape Architecture Intensity Level

- Low
- Moderate
- High
- Future Opportunity

- Outdoor Recreation Amenities
- - - Sidewalks and Trails
- Trailhead
- Street Outlines
- 2' Contour Line

- 35' Vegetation Buffer
- City of River Falls Land
- Wisconsin DNR Land
- Parcel Boundaries
- Storm Sewer Outfalls

#### CAP206 Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection



Within this map extent, it starts in the South near Riverside Drive and goes North to Main Street and Riverside Drive crossroad.



## River Falls Kinnickinnic River Concept | Quarry Road Area | July 2025



150 Feet

### Spot Bike Ped Improvements

- Enhanced Crossing
- Intersection Improvement
- Grade Separated Crossing
- Bridge

### NPS Proposed Recreation Programs

- + NPS Proposed River Access Sites

### Outdoor Recreation Amenities

- Sidewalks and Trails
- Trailhead
- Street Outlines
- 2' Contour Line
- 35' Vegetation Buffer
- City of River Falls Land
- Wisconsin DNR Land
- Parcel Boundaries
- Storm Sewer Outfalls

### Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

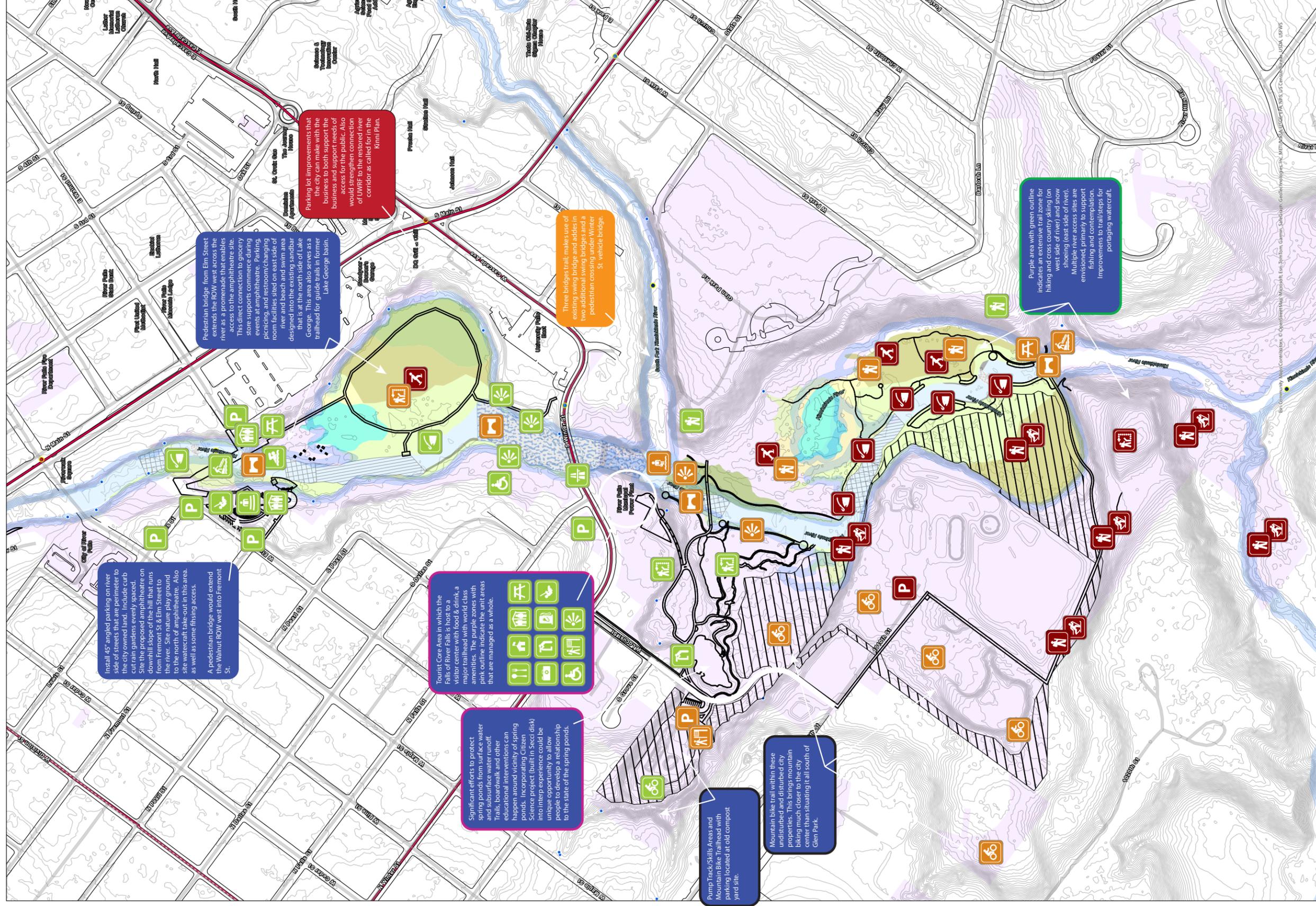
### Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

### Restoration Categories

- Stream
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

This final map illustrates the furthest Northern extent of the Kinnickinnic River Greenway Corridor that was planned for. It begins in the South at North Main Street and continues North until Quarry Road.



Install 45° angled parking on river side of streets that are perimeter to the city owned land. Include curb cut rain gardens evenly spaced. Site the proposed amphitheatre on downhill slope of the hill that runs from Fremont St & Elm Street to the river. Site nature play ground to the north of amphitheatre. Also site watercraft take-out in this area, as well as some fishing access. A pedestrian bridge would extend the Walnut ROW west into Fremont St.

Pedestrian bridge from Elm Street extends the ROW west across the river as a promenade that enables access to the amphitheatre site. This direct connection to grocery store supports commerce during events at amphitheatre. Parking, picnicking, and restroom/changing room facilities sited on east side of river and beach and swim area designed into the existing sandbar that is at the north side of Lake George. This area also serves as a trailhead for guide trails in former Lake George basin.

Parking lot improvements that the city can make with the business to both support the access for the public. Also would strengthen connection of UWRF to the restored river corridor as called for in the Kinnik Plan.

Tourist Core Area in which the Falls of River Falls is host to a visitor center with food & drink, a major trailhead with world class amenities. The purple zones with pink outline indicate the unit areas that are managed as a whole.

Significant efforts to protect spring ponds from surface water and subsurface water runoff. Trails, boardwalk and other educational interventions can happen around vicinity of spring ponds. Incorporating Citizen Science project (built in Secci disk) into interpret experience could be unique opportunity to allow people to develop a relationship to the state of the spring ponds.

Pump Track/Skills Areas and Mountain Bike Trailhead with parking located at old compost yard site.

Mountain bike trail within these undisturbed and disturbed city properties. This brings mountain biking much closer to the city center than situating it all south of Glen Park.

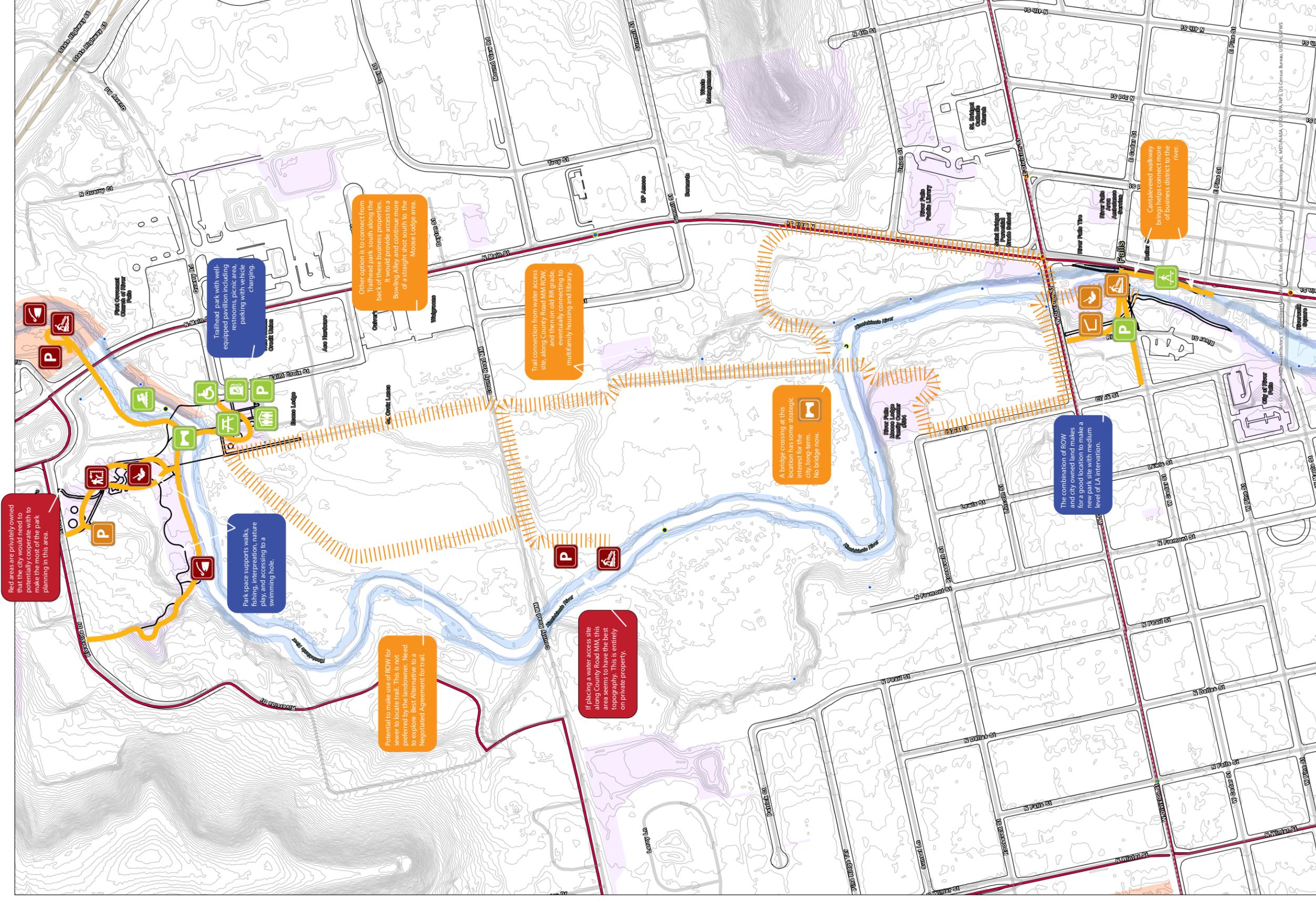
Three bridges trail makes use of existing swing bridge and adds in two additional swing bridges and a pedestrian crossing under Winter St. vehicle bridge.

Purple area with green outline indicates an extensive trail zone for hiking and cross country skiing (on west side of river) and snow shoeing (east side of river). Multiple river access sites are envisioned, primarily to support fishing and contemplation. Improvements to trail/steps for portaging watercraft.

### NPS & River Falls Kinnickinnic River Planning Map 1A | July 2025



- City of River Falls Land
- Wisconsin DNR Land
- 35' Vegetation Buffer
- CAP206 Stream Extent
- Bottomland Forest + Earthwork
- Mesic Forest + Earthwork
- Mesic Forest
- Marsh
- Bottomland Forest
- Mesic Forest
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Cross Vane
- Bank Protection
- Spot Bike Ped Improvements
- Enhanced Crossing
- Intersection Improvement
- Sidewalks and Trails
- Comp Plan 2023 City Transp. Loop
- Grade Separated Crossing
- Bridge



# NPS & River Falls Kinnickinnic River Planning Map 2A | July 2025



- City of River Falls Land
- Bottomland Forest + Earthwork
- Wisconsin DNR Land
- 35' Vegetation Buffer
- CAP206 Stream Extent
- Rock Arch Rapids
- Riffle
- Natural Waterfall
- Marsh
- Bottomland Forest
- Mesic Forest
- Mesic Forest + Earthwork
- Marsh
- Bottomland Forest
- Mesic Forest

- Spot Bike Ped Improvements Recommendation**
- Enhanced Crossing
- Intersection Improvement
- Sidewalks and Trails
- Comp Plan 2023 City Transp. Loop
- Grade Separated Crossing
- Bridge

Red areas are privately owned that the city would need to potentially cooperate with to make the most of the park planning in this area.

Park space supports walks, fishing, interpretation, nature play, and accessing to a swimming hole.

Potential to make use of ROW for sewer to locate trail. This is not preferred by the landowner. Need to explore Best Alternative to a Negotiated Agreement for trail.

If placing a water access site along County Road MM, this area seems to have the best topography. This is entirely on private property.

Trail connection from water access site, along County Road MM ROW, and then on old RR grade, eventually connecting to multifamily housing and library.

A bridge crossing at this location has some strategic interest for the city, long-term, no bridge now.

The combination of ROW and city owned land makes for a good location to make a new park site with medium level of LA intervention.

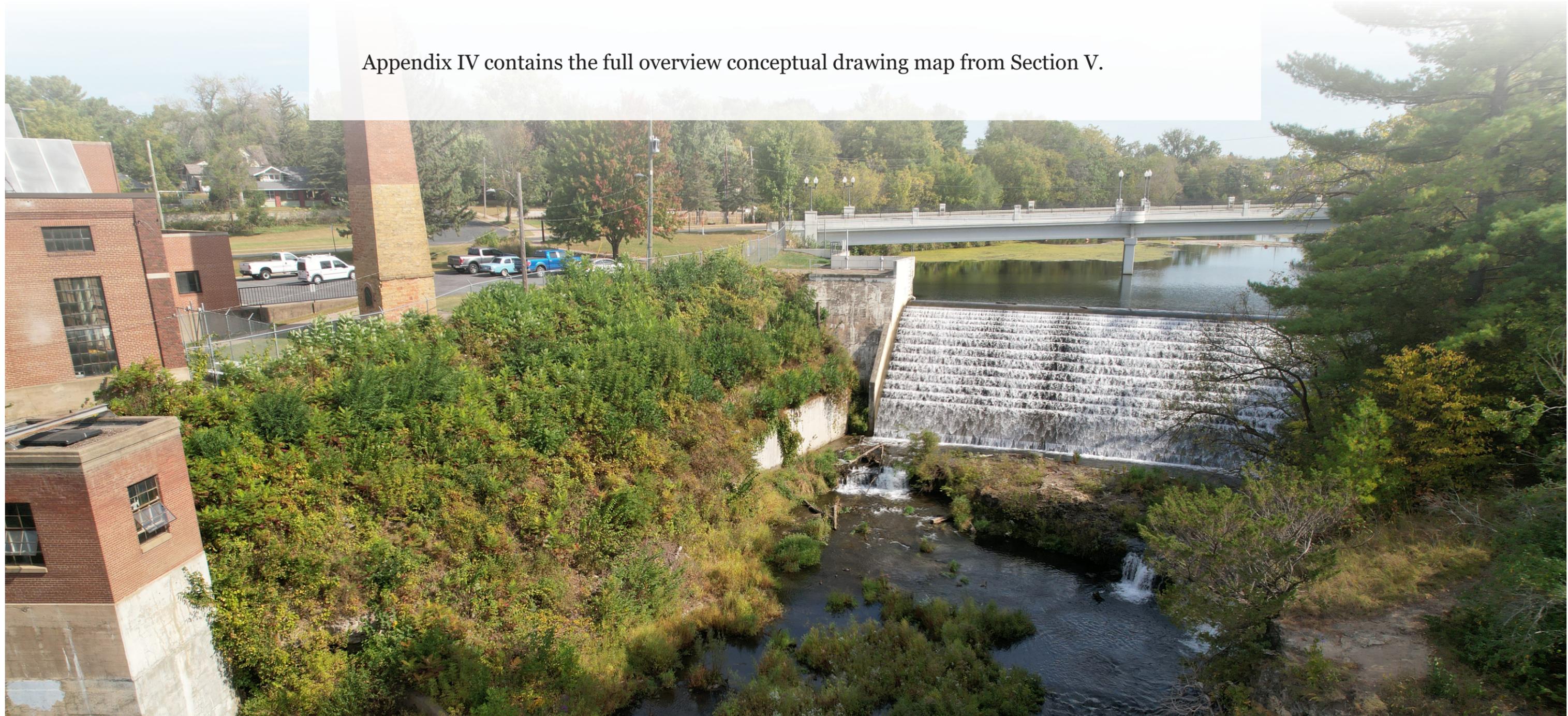
Trailhead park with well-equipped pavilion including restrooms, picnic area, parking with vehicle charging.

Other option is to connect from Trailhead park south along the back of these business properties. It would provide access to a Bowling Alley and continue more of a straight shot south to the Moose Lodge area.

Cantilevered walkway brings help connect more of business district to the river.

# APPENDIX IV: FULL CONCEPTUAL DRAWING

Appendix IV contains the full overview conceptual drawing map from Section V.





# APPENDIX V: PRECEDENT IMAGES

Appendix V contains the complete collection of the precedent images referenced throughout the project and planning process. These images vary from Low intensity, moderate intensity, and high intensity landscape architecture design.

Landscape architecture design level details:

- **Low-intensity:** integrates human-made features into the landscape that provide recreation access in a way that does not appear overly engineered or heavy-handed. It may involve movable or temporary elements as well as permanent elements that use natural materials such as stone or wood in creative ways.
- **Moderate-intensity:** integrates human-made features into the landscape to provide recreation access in a way that is clearly visible, but not dominant; edges are clearly defined, topography is clear, and construction detailing is more precise.
- **High-intensity:** involves human-made features into the landscape to provide recreation access in a way that is highly architectural with strong form. Natural materials, such as plants, stone, and wood are fitted into the overall design. Materials such as cut stone, dark colored metals, and hardened surfaces (concrete/asphalt) and well-behaved plant varieties are likely materials.

