

THE NETWORK

See page 2 for a map of the Willows Road Regional Trail



CITY OF KIRKLAND



DEVELOPING MULTI-MODAL TRANSPORTATION TO PREPARE FOR FUTURE GROWTH



The Willows Road Regional Trail Connection will create a safe walking and bicycling link to transit centers, the Totem Lake and Redmond urban centers, Woodinville's Wine Country, as well as high-tech, aerospace and manufacturing hubs.

Willows Road Regional Trail Connection

This project will complement a walking and bicycling network that will connect to thousands of jobs, businesses and homes.

The Willows Road Regional Trail Connection will provide a safe, separated shared-use trail that will connect Kirkland to King County's trail network and increase Kirkland's non-motorized access to transit and jobs. The project connects the Totem Lake and Redmond urban centers, Woodinville's Wine Country, the Willows Road high-tech corridor, as well as aerospace and manufacturing in Totem Lake.

Capital Funding Request: Up to \$2.8 million to complete the design and construction of a one-third mile pedestrian and bicycle connection. The connection can be designed and constructed in 12 to 18 months.

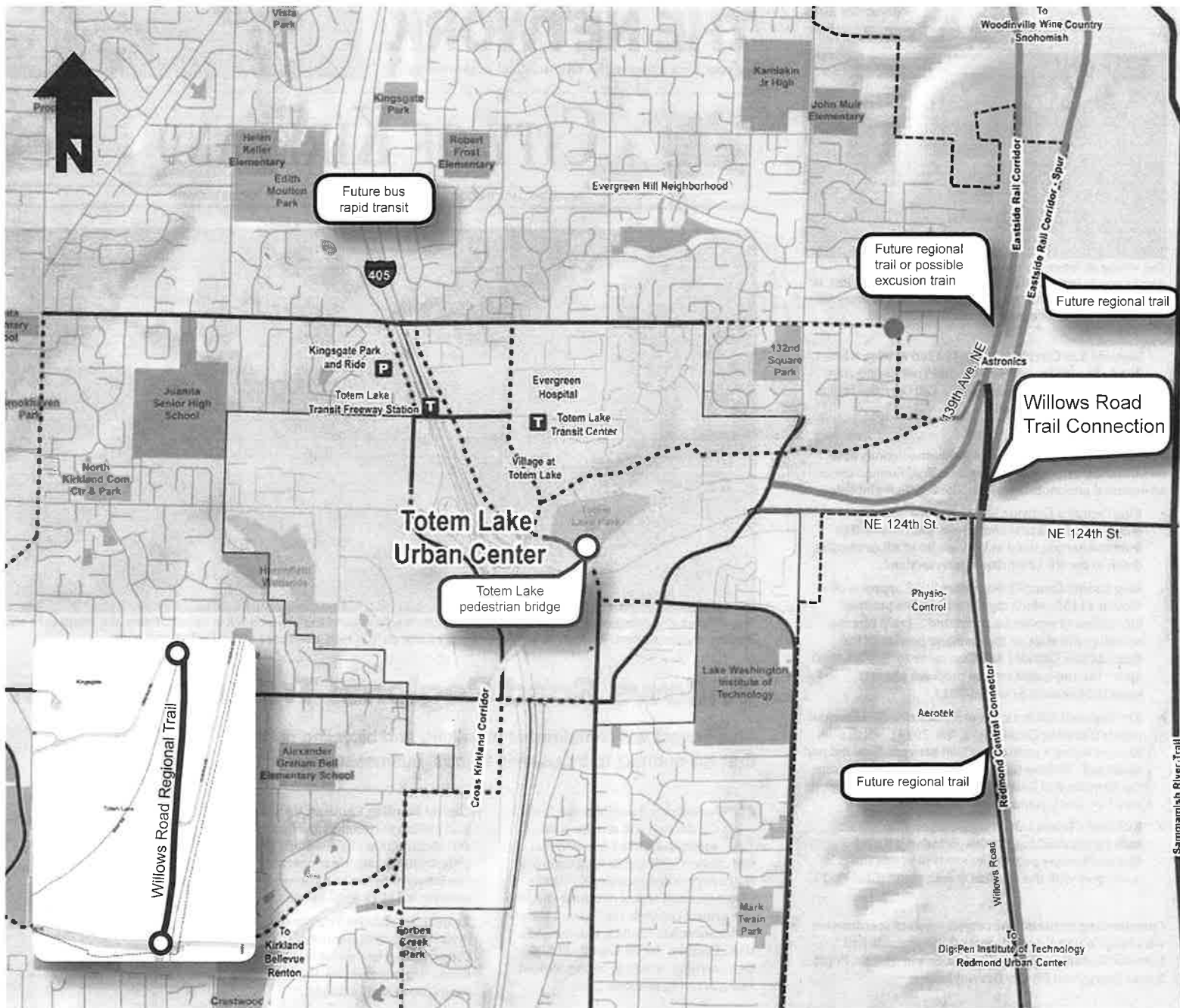
Project timeliness: Urgency for this non-motorized project is intensified by many Totem Lake-area development as well as impending regional trail improvements in King County and Redmond.

CONTACTS

Kurt Triplett
City Manager
(425) 587-3020
ktriplett@kirklandwa.gov

Kathy Brown
Public Works Director
(425) 587-3802
kbrown@kirklandwa.gov

Lorrie McKay
Intergovernmental Relations
(425) 587-3009
lmckay@kirklandwa.gov



The MISSING link

The Willows Road regional trail connection will complete a walking and bicycling connection to Puget Sound's regional trail network, the Totem Lake and Redmond urban centers, the Woodinville Wine Country and the Willows Road high-tech corridor.

It will follow the east side of Willows Road between NE 124th Street and 139th Avenue NE. The Eastside Rail Corridor intersects Willows Road at 139th Avenue NE and the Sammamish River Trail intersects at NE 124th Street.

LEGEND

- Willows Road Regional Trail Connection
- Existing bike lanes
- Planned bike lanes/facilities
- Funded bicycling/pedestrian projects
- Cross Kirkland Corridor
- Redmond Central Connector
- Park & Ride
- Transit Center

Connection to destinations: The Willows Road Regional Trail Connection provides alternative transportation and recreation to a variety of commercial, transit, residential and medical destinations, including:

- The Village at Totem Lake, as well as several upcoming residential and commercial developments in the Totem Lake Urban Center.
- The high-tech corridor of Willows Road; aerospace and manufacturing companies in Totem Lake.
- Evergreen Health Hospital, Kirkland's largest employer.
- ParMac Business District along the Cross Kirkland Corridor.
- Lake Washington Institute of Technology.
- Sound Transit's future bus rapid transit stop at the Kingsgate Park and Ride, which includes a new 600-stall parking garage, as well as a proposed Transit-Oriented Development.
- Two Urban Centers (Totem Lake and Redmond) and the Woodinville Wine Country.
- More than 20,000 existing housing units and 1,800 businesses within half mile of Cross Kirkland Corridor.

Connectivity: The Willows Road Regional Trail Connection will amplify the connectivity of public and private projects that are either planned or complete. Those include:

- Extensions of pedestrian and bicycle improvements along 139th Avenue NE, from Astronics Corporation to the Evergreen Hill Neighborhood: (Public/private partnership project between Astronics Corporation and City of Kirkland estimated at \$800,000 and to begin in 2017).
- Links to privately funded bike lanes being constructed along NE 124th Street from Willows Road to Slater Avenue. (Proctor Willows is constructing 425 new residential units and 15,000 square feet of commercial ground floor retail to the southwest corner of Willows Road and NE 124th Street).
- Local and regional connections to the Cross Kirkland Corridor, less than a mile away. In January 2015, Kirkland completed construction of a 5.75-mile multi-use path along the Cross Kirkland Corridor, which connects to East Link in Bellevue and beyond.
- An extension of the \$12.1M Totem Lake Connector Pedestrian Bridge (currently in pre-design phase).
- The City of Redmond's plans to construct a trail along the Redmond Central Connector from Redmond Central Connector Phase II (NE 100th Street) to the Kirkland/Redmond boundary.
- King County's plans to do a request for proposals/qualifications for a potential excursion train along the



The Village at Totem Lake is one of many mixed-used developments that would benefit from this shared-use trail. In total, Kirkland has permitted or is reviewing 3,376 residential units and 482,376 square-feet of commercial space.

Eastside Rail Corridor north of 132nd Avenue NE in 2017. The Willows Road Regional Trail Connection will benefit the planned Eastside Rail Corridor trail as well as an excursion train.

Policy Direction: Regional and local jurisdictions have identified the Willows Road Regional Trail Connection as an essential non-motorized link. Those policies include:

- King County's Eastside Rail Corridor Master Plan, which calls for "a new shared-use path connection from the hairpin bend in Willows Road NE connecting down to the NE 124th Street intersection."
- King County Council's November 2015 approval of Motion 14455, which says "if no feasible proposal for rail-based service be submitted ... (rail) removal activities will start on the mainline portion of the Eastside Rail Corridor and then move to the Redmond Spur." The rail-based service proposal phase is expected to conclude in mid-2017.
- The Regional Advisory Council's Eastside Rail Corridor report (Creating Connections, Oct. 2013), which calls for developing a continuous trail between Kirkland and Redmond. "Making these connections will also ensure the Eastside Rail Corridor is accessible to more people who live, work, commute and play in this region."
- Kirkland's Totem Lake Neighborhood Plan, which calls for establishing "a transportation network that emphasizes pedestrian and transit use and is consistent with the regional transit plan." (Goal TL-13).

Coordinating entities: The project involves coordination with King County, City of Redmond, the Eastside Rail Corridor Regional Advisory Council, Sound Transit, Puget Sound Energy and Private Development.

TOTEM LAKE PARK MASTER PLAN



Totem Lake Park is a 17-acre site located in the heart of the Totem Lake Urban Center. Currently owned by the King Conservation District (KCD) and co-managed by the City of Kirkland, the lake has been known by several names over the years, but became known as Totem Lake in 1973 after the opening of the nearby shopping mall. The property was donated to KCD in 1978 and in 1995 the City partnered with KCD to create trails, boardwalks, and historical and ecological interpretive features on the site. The City is currently finalizing transfer of the property from KCD as an official City of Kirkland park.

The Urban Land Institute, a non-profit organization comprised of land use and real estate experts, recommended to the City in 2011 that Totem Lake Park be developed as a catalyzing strategy to help create a "sense of place" in Totem Lake. Their report said "the Lake itself can become the heart of a redeveloping neighborhood and a place with which Totem Lake residents, existing and new, can truly identify." The Kirkland City Council formally adopted the Totem Lake Park Master Plan in December 2013.

The City's recently-adopted 2017–2022 Capital Improvement Program (CIP) provides funding of over \$7 million to begin implementation of the Plan. This first phase of park development will be completed by 2020 and will include expanded wetland boardwalks and construction of upland park features such as picnic and seating areas, children's playground, restroom, and environmental enhancements.

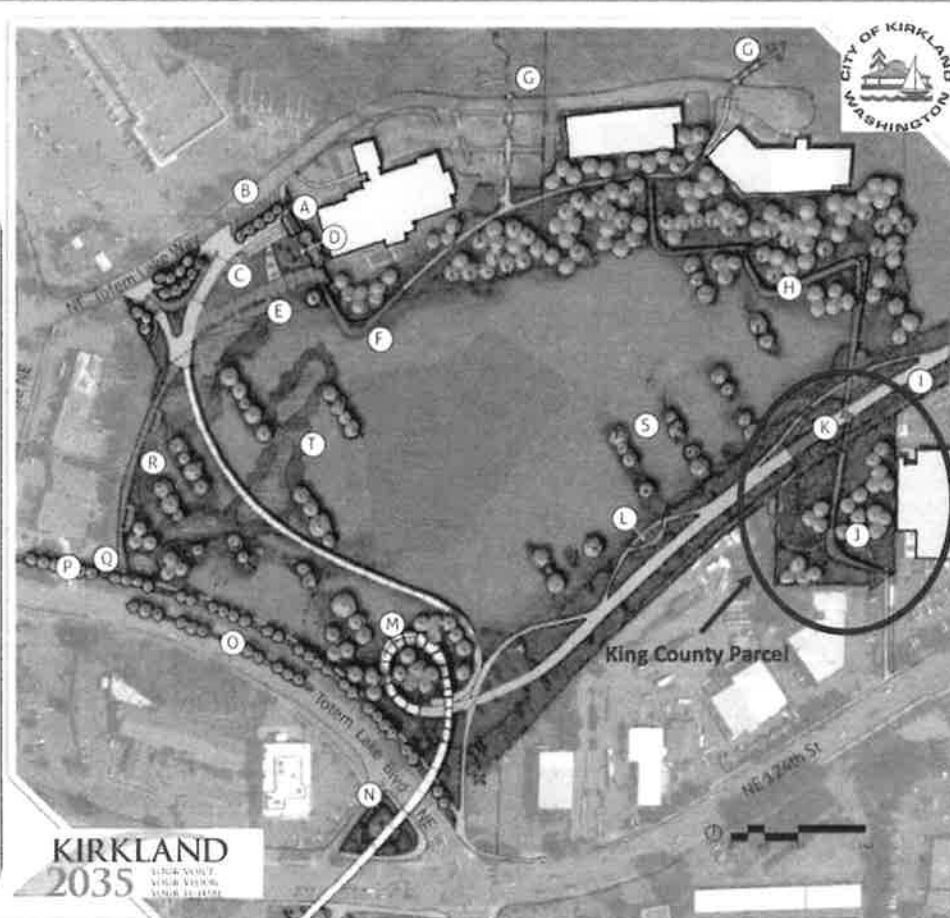
For more information visit www.kirklandwa.gov

TOTEM LAKE PARK PROPERTY ACQUISITION



Totem Lake Park Master Plan

- (A) Upland Park w/ restroom and kiosk
- (B) Back in angle parking (10 spaces)
- (C) Terraced seating areas and passive lawn
- (D) Play area
- (E) Lake promenade walk and seating nodes
- (F) Elevated lake Viewing pier
- (G) SCL powerline and hillside trails
- (H) Loop boardwalk trail w/ habitat viewing
- (I) Cross Kirkland Corridor improvements
- (J) Passive open space and trail connection
- (K) Bridge feature and wetland enhancement
- (L) Trail respite (seating, interpretive signs)
- (M) Spiral ramp and overpass crossing of 124th
- (N) Stormwater feature
- (O) Median planting w/ sidewalk improvements
- (P) Relocated bus stop
- (Q) Improved entry & sidewalk
- (R) Wetland buffer edge enhancement
- (S) Hummock plantings and habitat features
- (T) Wildlife habitat ponds (enhancement)



1.18 acre parcel purchased from King County in 2017

Identified in adopted Totem Lake Park Master Plan

Strengthens connections to CKC, Park, and Village at Totem Lake from NE 124th Street

Future development to include site restoration, trail, and wetland boardwalk.

OPTION B - SKIPPING STONE



LINKING THE WATERWAYS

A series of inverted and conventional arch-spans carry users across the intersection. In the loop ramp, the tie-chords become edge-beams spanning between Y-shaped piers spaced evenly through the curve.



BIRDSEYE VIEW LOOKING NORTH



VIEW SOUTH FROM CKC TRAIL



VIEW EAST FROM TOTEM LAKE BLVD



VIEW WEST FROM NE 124TH ST



VIEW NORTH FROM SPIRAL RAMP



VIEW NORTH FROM ABOVE THE TRAFFIC ISLAND



VIEW NORTH FROM THE SPAN ABOVE NE 124TH ST



VIEW NORTHEAST FROM NE 124TH ST

*Material colors shown in renderings do not indicate final color.



**Mural on the Cross Kirkland Corridor (at NE 85th Street overpass).
Unveiled on September 9, 2017 at the Crossing Kirkland - community block party.**

Redmond Central Connector Phase II Grand Opening Ceremony

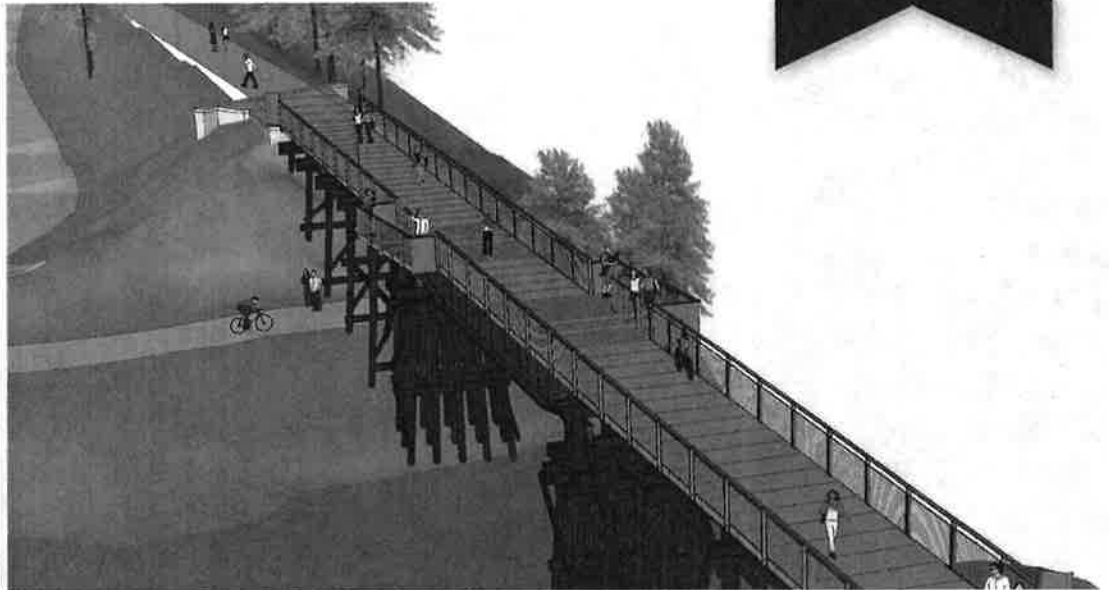
Join the City of Redmond as we celebrate the opening of an additional 1.3 miles of paved regional trail along the former Eastside Rail Corridor!

SATURDAY

Sept
23rd

9 a.m.

Come enjoy coffee, pastries, and a formal ribbon cutting ceremony in honor of the newest extension to our trail system. After the ribbon cutting attendees can explore the community inspired interpretive elements along the trestle, take a walk or ride to experience the trail's new integrated art, and visit Rain Fest for a variety of live entertainment and family-friendly activities.



Location: On the Sammamish River Trestle above the intersection of the Sammamish River Trail and Redmond Central Connector Trail

Parking: Free parking is available in the Sky Painting public parking lot off of Bear Creek Parkway

*See attached map for details



Following the ribbon cutting ceremony, join us for the inaugural Redmond Rain Fest at Redmond Central Connector Park! Visit RedmondRainFest.com for more information.

Redmond Central Connector Phase II Grand Opening Ceremony

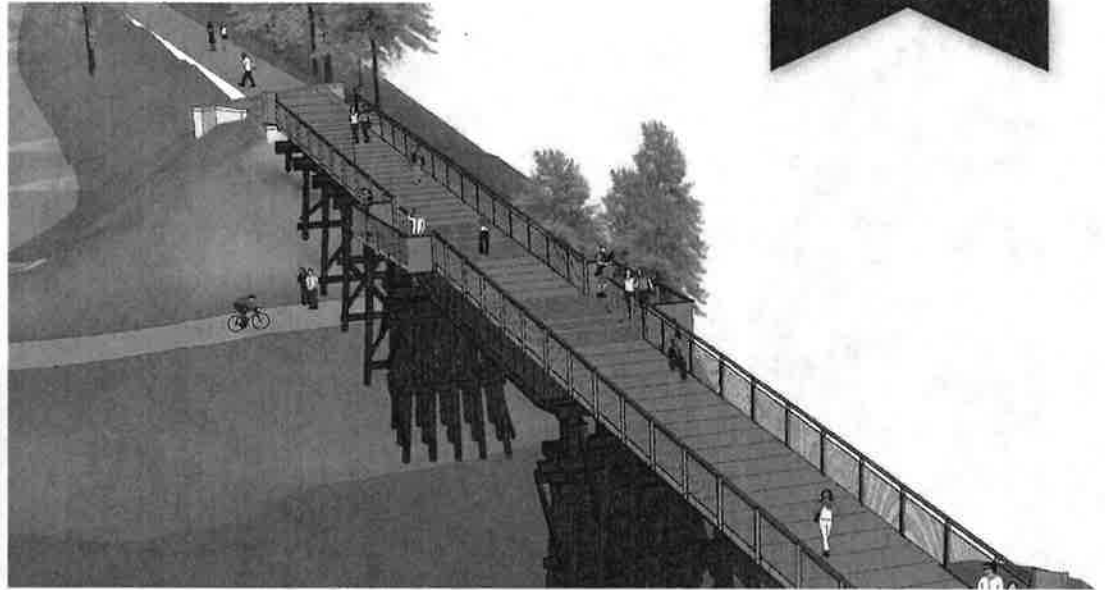
Join the City of Redmond as we celebrate the opening of an additional 1.3 miles of paved regional trail along the former Eastside Rail Corridor!

SATURDAY

Sept
23rd

9 a.m.

Come enjoy coffee, pastries, and a formal ribbon cutting ceremony in honor of the newest extension to our trail system. After the ribbon cutting attendees can explore the community inspired interpretive elements along the trestle, take a walk or ride to experience the trail's new integrated art, and visit Rain Fest for a variety of live entertainment and family-friendly activities.



Location: On the Sammamish River Trestle above the intersection of the Sammamish River Trail and Redmond Central Connector Trail

Parking: Free parking is available in the Sky Painting public parking lot off of Bear Creek Parkway

*See attached map for details



Following the ribbon cutting ceremony, join us for the inaugural Redmond Rain Fest at Redmond Central Connector Park! Visit RedmondRainFest.com for more information.

Redmond Central Connector-Phase II

Regional Advisory Council
September 22, 2017



City of Redmond
WASHINGTON

Grand Opening Tomorrow

- September 23, 2017
- 9am at the Trestle
- 1.3 miles of new trail

Redmond Central Connector Phase II Grand Opening Ceremony

Join the City of Redmond as we celebrate the opening of an additional 1.3 miles of paved regional trail along the former Eastside Rail Corridor!

SATURDAY
**Sept
23rd**
9 a.m.

Come enjoy coffee, pastries, and a formal ribbon cutting ceremony in honor of the newest addition to our trail system. After the ribbon cutting attendees can explore the community inspired interpretive elements along the trestle, take a walk or ride to experience the trail's new integrations, and visit RainFest for a variety of live entertainment and family-friendly activities.



Locations: On the Sammamish River Trestle above the intersection of the Sammamish River Trail and Redmond Central Connector Trail

Parkings: Free parking is available in the Sky Painting public parking lot off of Bear Creek Parkway

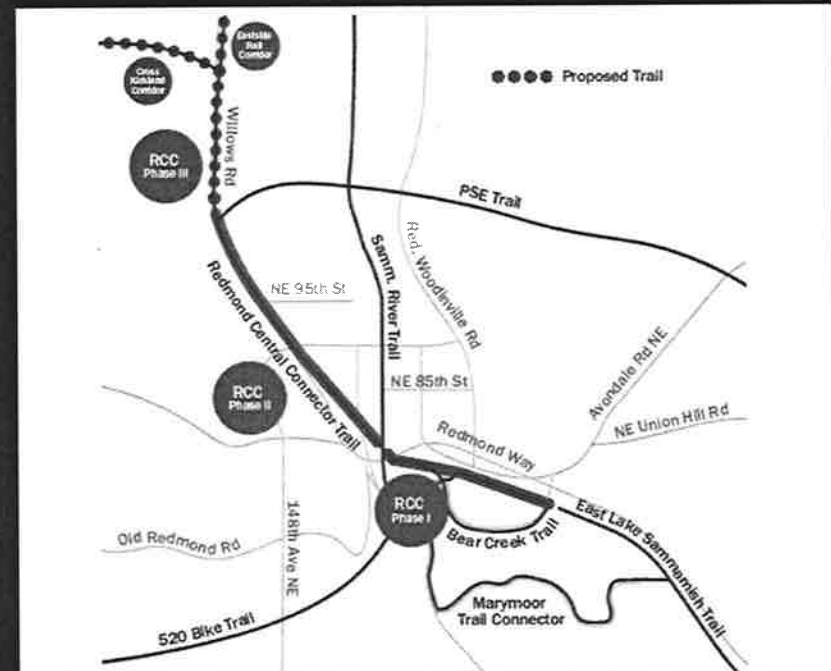
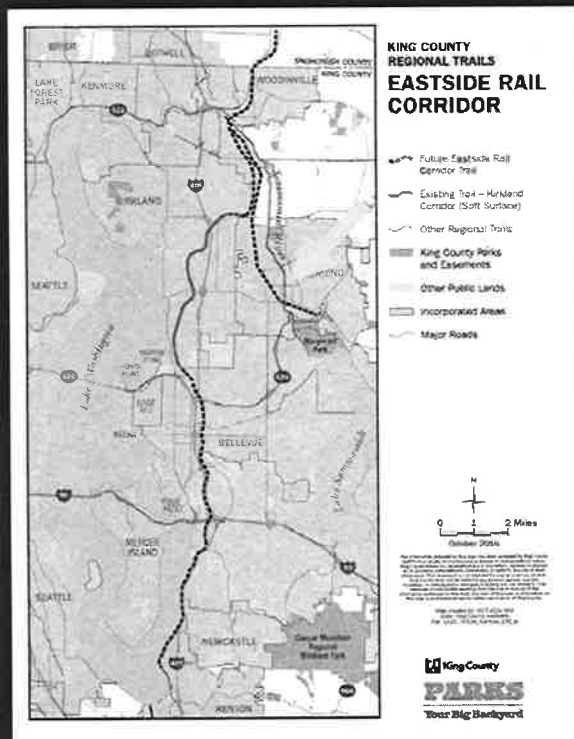
*See attached map for details



Following the ribbon cutting ceremony, join us for the inaugural Redmond Rain Fest at Redmond Central Connector Park! Visit RedmondRainFest.com for more information.



Project Context



Restore the Historic Trestle



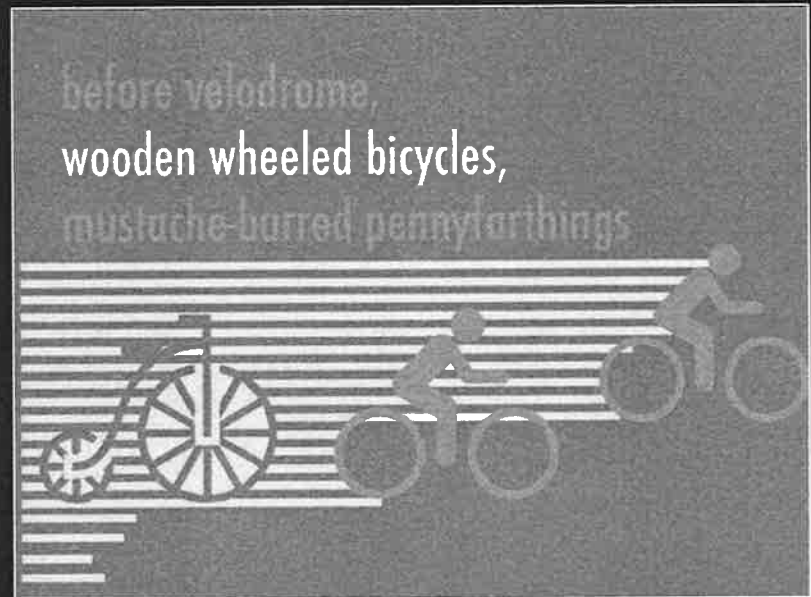
Integrate Art & Interpretation



Include Places to Pause



Make it Memorable



Funding

Funding:

Redmond Parks CIP	\$550,000
WSDOT Grant	\$500,000
WSDOT Federal Aid Grant	\$2,800,000
RCO Grant	\$500,000
Dept. of Commerce State Grant	\$1,261,000
Redmond Transportation CIP	<u>\$800,000</u>
Total	\$6,411,000