

Agenda



Project Status



Recommended Projects Review



Questions











Study Goal

Develop a transportation system for the Power District and surrounding neighborhoods that will support the creation and ongoing existence of a fantastic place for generations to come









Objectives



Promote a Vibrant Power District



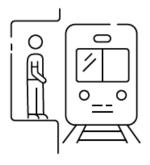
Strengthen Business
Districts



Support Existing Neighborhoods



Provide Transportation Choices



Enhance Regional Access









✓ Project Status

Existing Conditions

- Goals and Objectives
- Performance Metrics

Develop Recommendations

- Multimodal transportation
- Placemaking
- Economics and funding

Implementation Strategy

- Recommendations
- Prioritization
- Phasing
- Responsibilities
- Revenue projection

Final Report















>>> Recommended Projects

Street Connectivity Improvements

1A: Navajo Street Connection Through Power District 😯

1B: South Temple Street Extension 😯

1C: South Temple Street Extension West 🕓

1D: Navajo Street Extension North 🕓

Multimodal Roadway

2A: Redwood Road Street Improvements 🔇



2B: North Temple Bicycle Lane

2C: 900 West Street Improvements 🐼

2D: Transit Signal Priority Implementation

I-80 & I-15 Interchange

3A: I-15/600 North Interchange Improvements



3C: I-80/Redwood Road Interchange Improvements 🕓

Railroad Crossing

4A: 200 South/650 West Railroad Crossing 🕗





Supports goals and is feasible



Requires future investigation



Little benefit or not feasible

UTA Bus, TRAX, & FrontRunner

5A: TRAX Fairpark Station Platform Extension



5C: Route 217 Realignment

5D: Route 2 Extension

5E: FrontRunner Station Preservation in Power District

5F: TRAX Staging Area 🕓

Neighborhood Traffic Calming

6A - 6D: Salt Lake City Livable Streets Implementation

Parking

7A: Neighborhood Event Parking Management 💙

Active Transportation

8A: 200 South Active Transportation Corridor

8B: Jordan River Trail Crossing 🐶

8C: 1000 West Bike Lanes

8D - 8E: Neighborhood Byways 💙

8F: Navajo Street Active Transportation Facility 😯

8G: Folsom Trail Extension 🕓

Mobility Hub

9A: Mobility Hub

9B: End of Line Facility 🗬

Jordan River Trail

10A: Jordan River Trail Experience 🐶





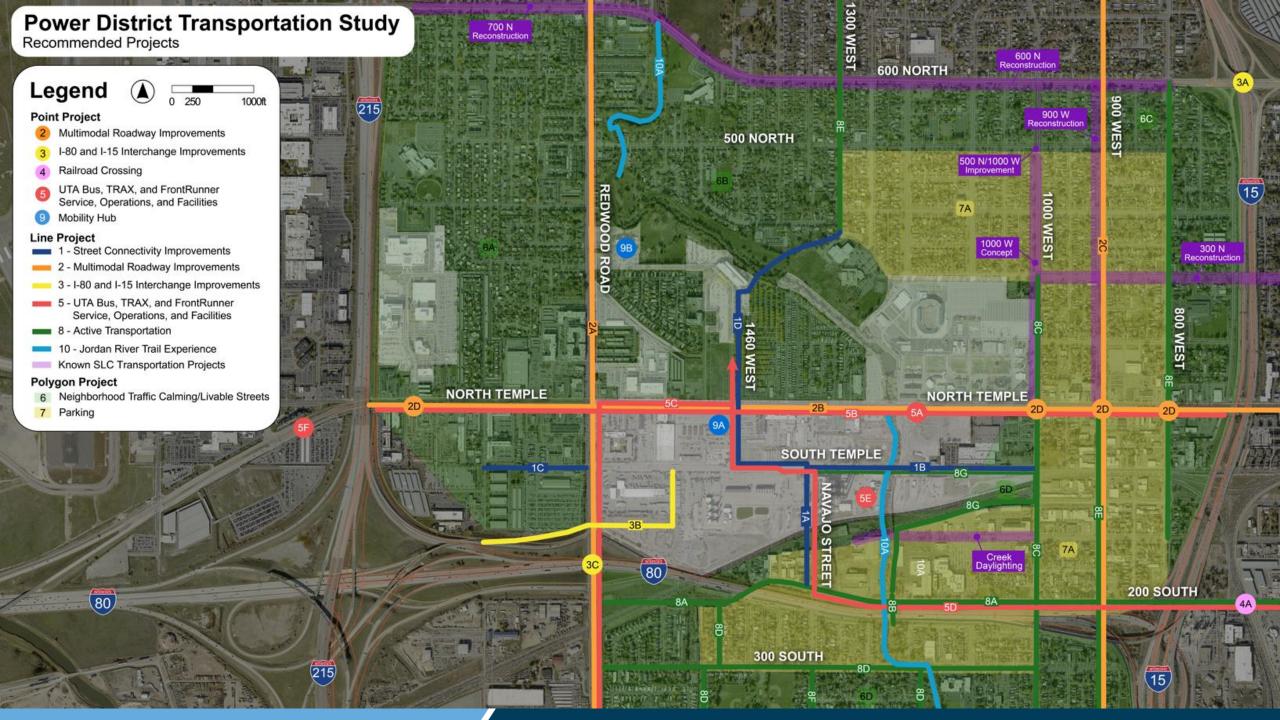












>>> Highlighted Projects

- South Temple extensions east and west (#1B/#1C)
- Enhancing Jordan River Trail experience (#10A)
- Improving Jordan River Trail Crossings (#8B)
 - I-80
 - North Temple
- Fairpark TRAX Station (#5A)
- I-80 and I-215 Connections to the Power District (#3B and #3C)
- Navajo Street Extension (#1A)











Project Summary Sheets

- Project description
- Project highlights
- Feasibility
- **Screening Summary**

PROJECT 1A NAVAJO STREET

Type: Street Connectivity Improvement

Project Description

Connect Navajo Street to Power District across the UP tracks and Patriot Rail Spur.

Project Highlights

- Establishes a direct connection into the Power District
- Crossing of the rail line—needs a feasibility
- Enhances active transportation access across two major barriers in the area-Interstate and rail line

Stakeholder Input

Technical challenges related to grade-separating the railroad could impact access south of the railroad and limit development potential to the

Screening Summary

VISION & GOALS ALIGNMENT

- ► Benefits active transportation connectivity
- ► Overpass facility may impact access to

FEASIBILITY & DESIGN CONSIDERATIONS

BRIDGE

STRUCTURE

- Limited room for bridge facility, see layout on next page
- ▶ 20 mph design speed and an 8% grade

CONCLUSIONS

Modest traffic volumes can be accommodated by a 2-lane roadway

► Reduces traffic by ~5% on Redwood Rd.

500 ft.

ABOVE

GRADE

► Project will provide multimodal connectivity benefits to the Power District and surrounding neighborhoods



















South Temple extension (east)

Project Type:

Street Connectivity Improvement

Project Description:

Extend South Temple to connect across the Jordan River.

- Provides access into the Power District from 1000 West
- Provides east-west connections through the core of the Power District
- Provides an active transportation alternative to North Temple















South Temple extension (west)

Project Type:

Street Connectivity Improvement

Project Description:

Extend South Temple west across Redwood Road

- Provides an east-west connection across
 Redwood Road into the Power District
- Increases connectivity into business district













Jordan River Trail (JRT) Experience

Project Type:

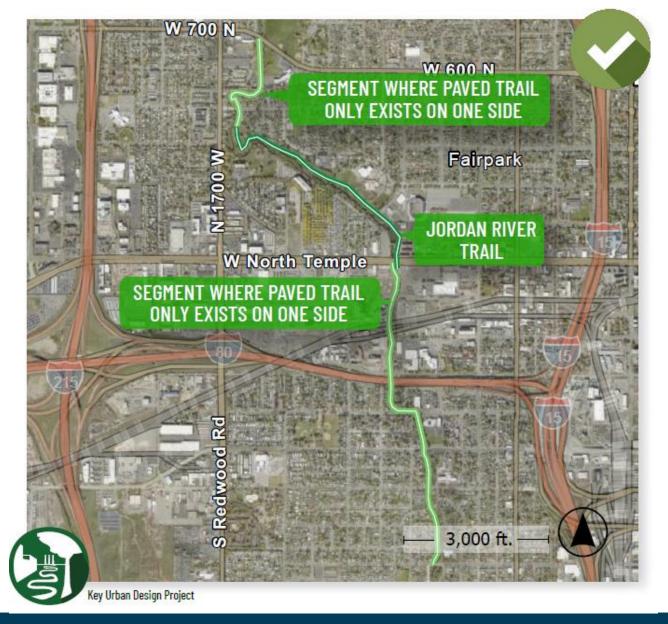
Jordan River Trail Enhancements

Project Description:

Enhance the JRT by constructing a paved trail on both sides of the Jordan River

Project Highlights

 A paved trail on both sides of the river improves its utility for both commuting and recreation purposes.













Jordan River Trail Crossings

Project Type:

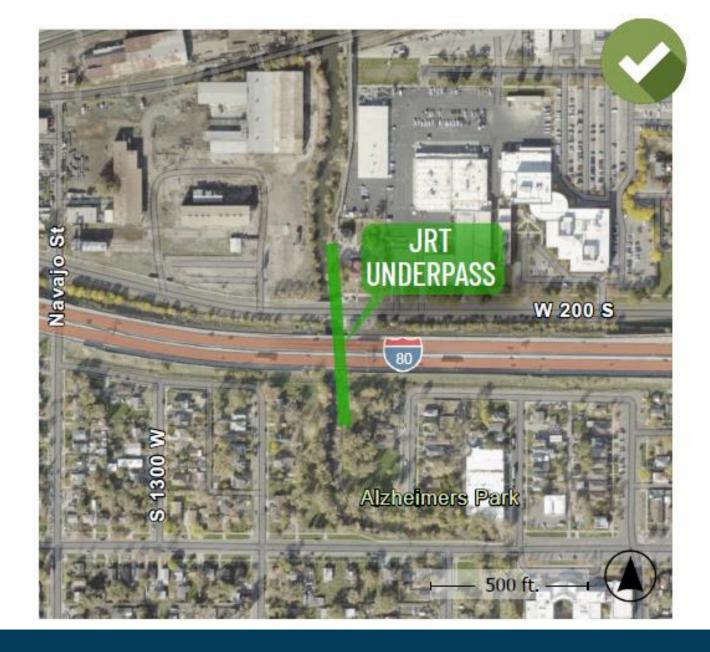
Active Transportation

Project Description:

Reconstruct crossing of JRT under I-80.

Project would coordinate with future widening of I-80 (RTP Project R-S-22), 6 lanes to 8 lanes

- Improves the existing crossing of JRT under I-80.
- Project widens the trail to make it more comfortable and open for trail users.



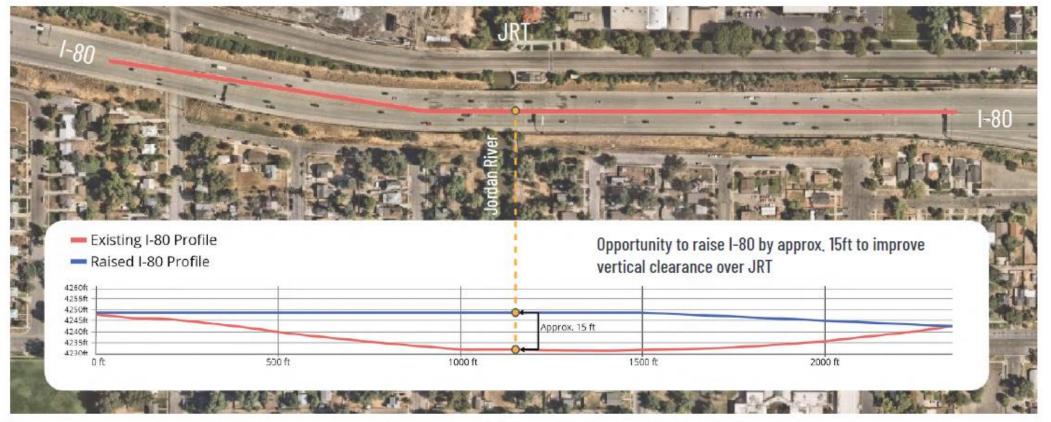
















Existing: Trail Underpass Below I-80

Precedent: Shared Use Path Under Freeway

JRT Crossing at North Temple/Fairpark Station

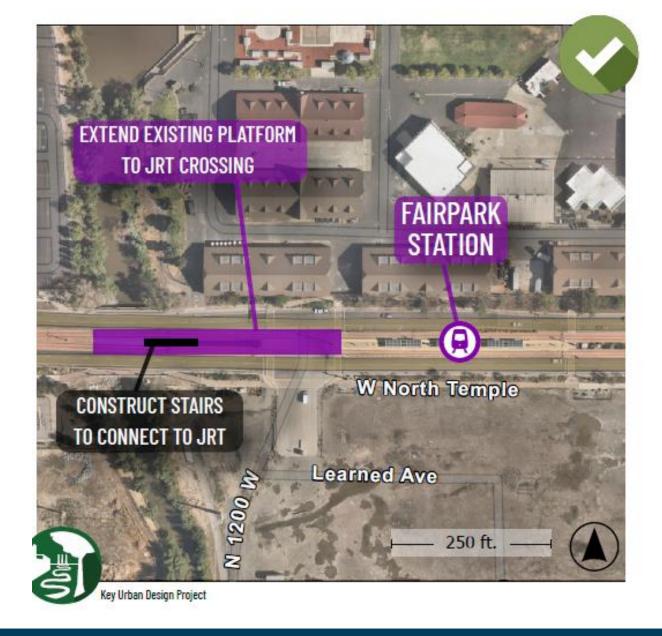
Project Type:

UTA TRAX Facilities

Project Description:

Expand platform to accommodate higher volume of passengers. Reconfigure JRT crossing under North Temple to directly connect to the Fairpark Station through the center island.

- Direct access to station platform from JRT, providing for increased passenger capacity
- Platform extended west to JRT
- Will require track realignment west of the Jordan River and existing platform













I-80 / I-215 Access to Power District

Project Type:

I-80 Interchange Area

Project Description:

Connect South Temple egressing traffic directly to I-80 westbound ramps through a new roadway and tunnel under Redwood Road.

- Direct I-80 WB and I-215 access from South Temple
- Reduces need for new capacity on Redwood Road to accommodate Power District egressing traffic



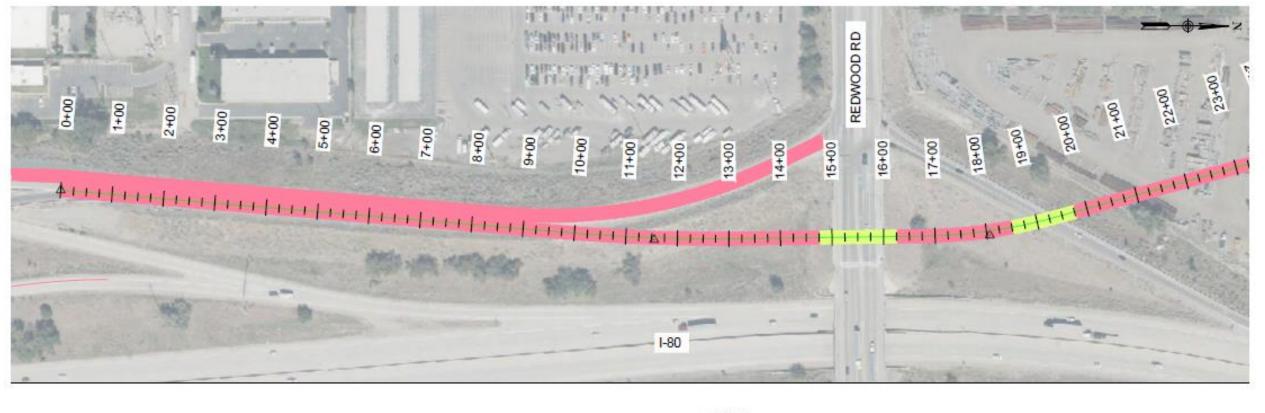


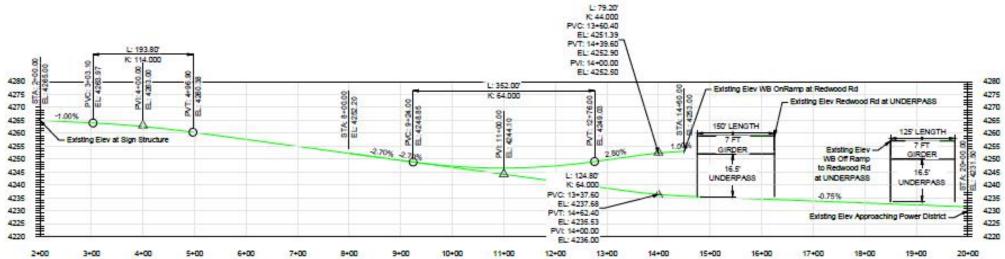












Freeways to Power District

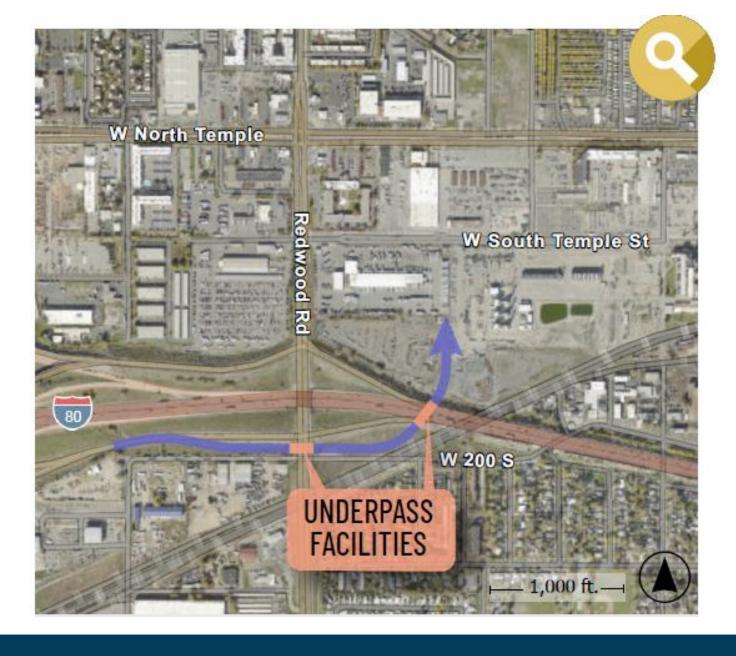
Project Type:

I-80 Interchange Area

Project Description:

Improve Redwood Road/I-80 Interchange to expand ramp capacity into the Power District.

- Potential eastbound slip entrance into the site
- Full grade-separation ensures no negative impacts to active transportation













Navajo Street Extension

Project Type:

Street Connectivity Improvement

Project Description:

Connect Navajo Street to Power District across the UP tracks and Patriot Rail Spur.

- Establishes direct connection into the Power District
- Enhances active transportation access across two major barriers in the area: I-80 and rail line.



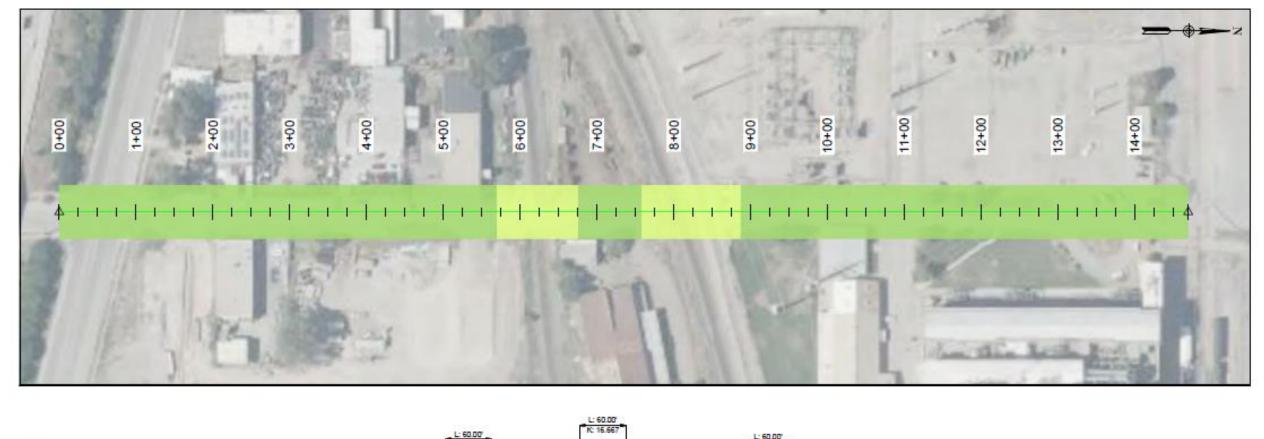


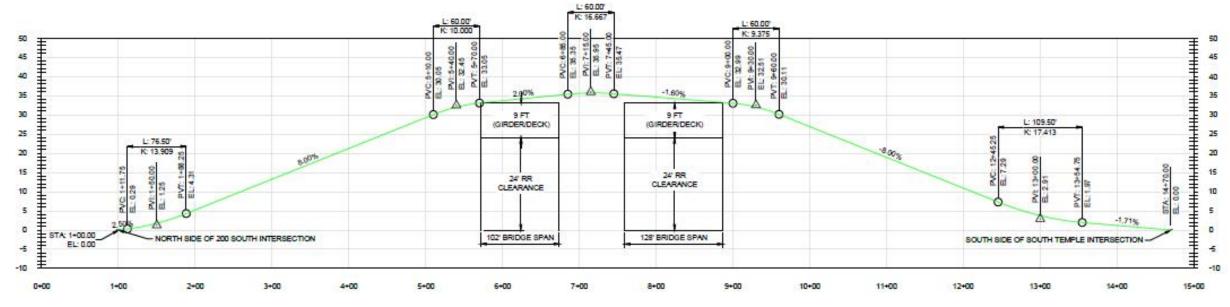












Questions?

Brent Crowther, PE



brent.crowther@kimley-horn.com

Phone: 385-420-0941







