

Parley's Trail

900 West to Jordan River Parkway Trail Connection

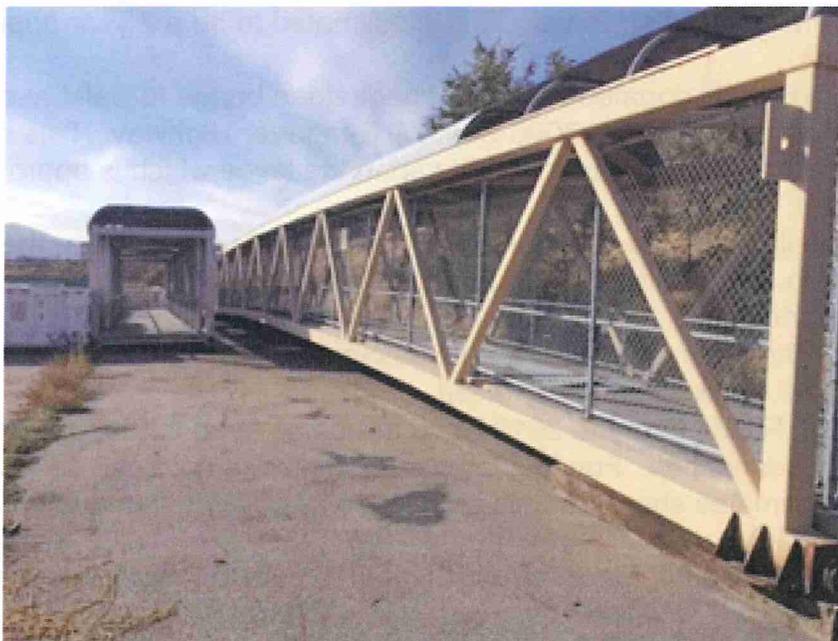
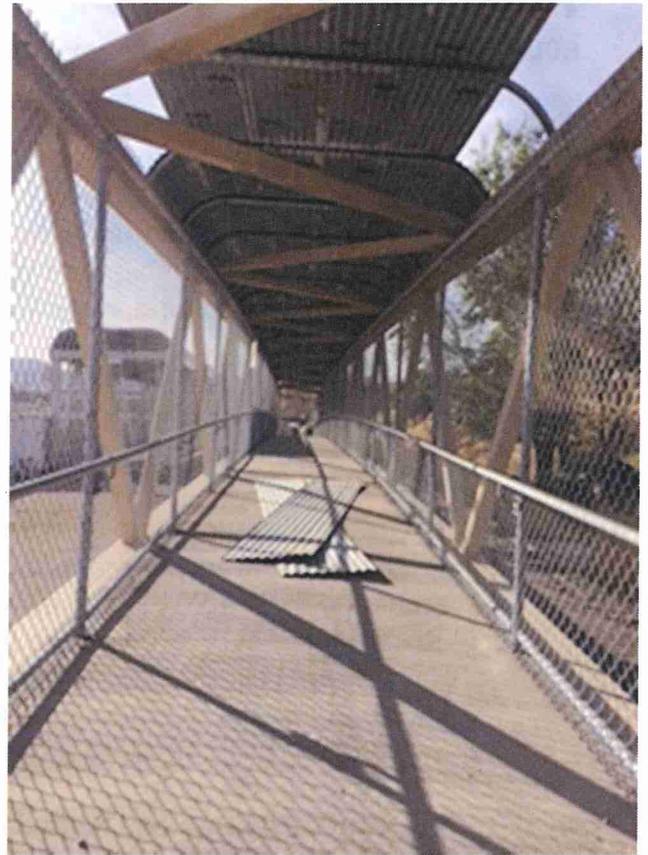
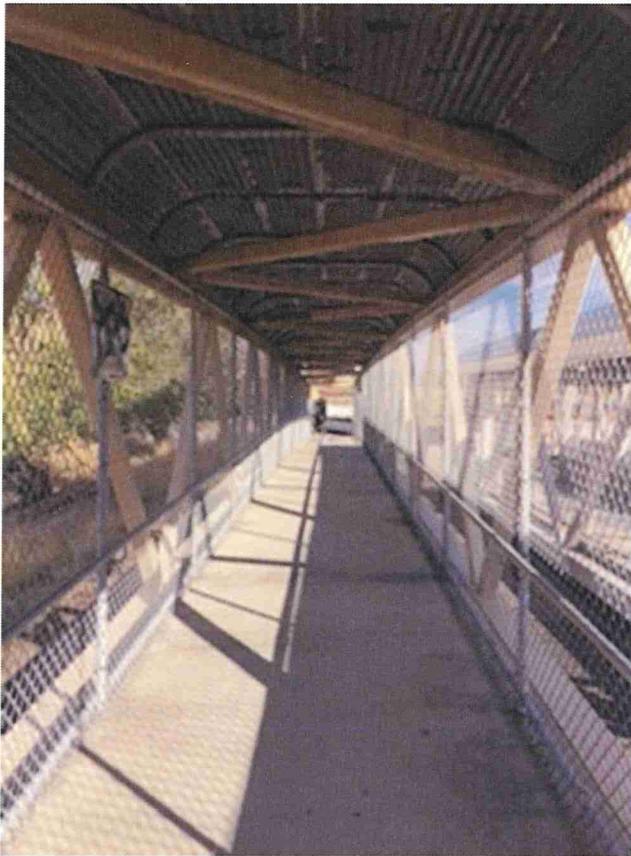
Parley's Trail is the first east-west trail linking the Bonneville Shoreline trail on the east to the Jordan River Parkway to the west. When completed, the trail will connect communities in Salt Lake City, Millcreek, South Salt Lake and West Valley City. This corridor winds its way through residential, business and industrial land uses as well as parks, schools, places of worship, and other urban uses. The area also offers an abundance of historical, cultural, natural and scenic resources.

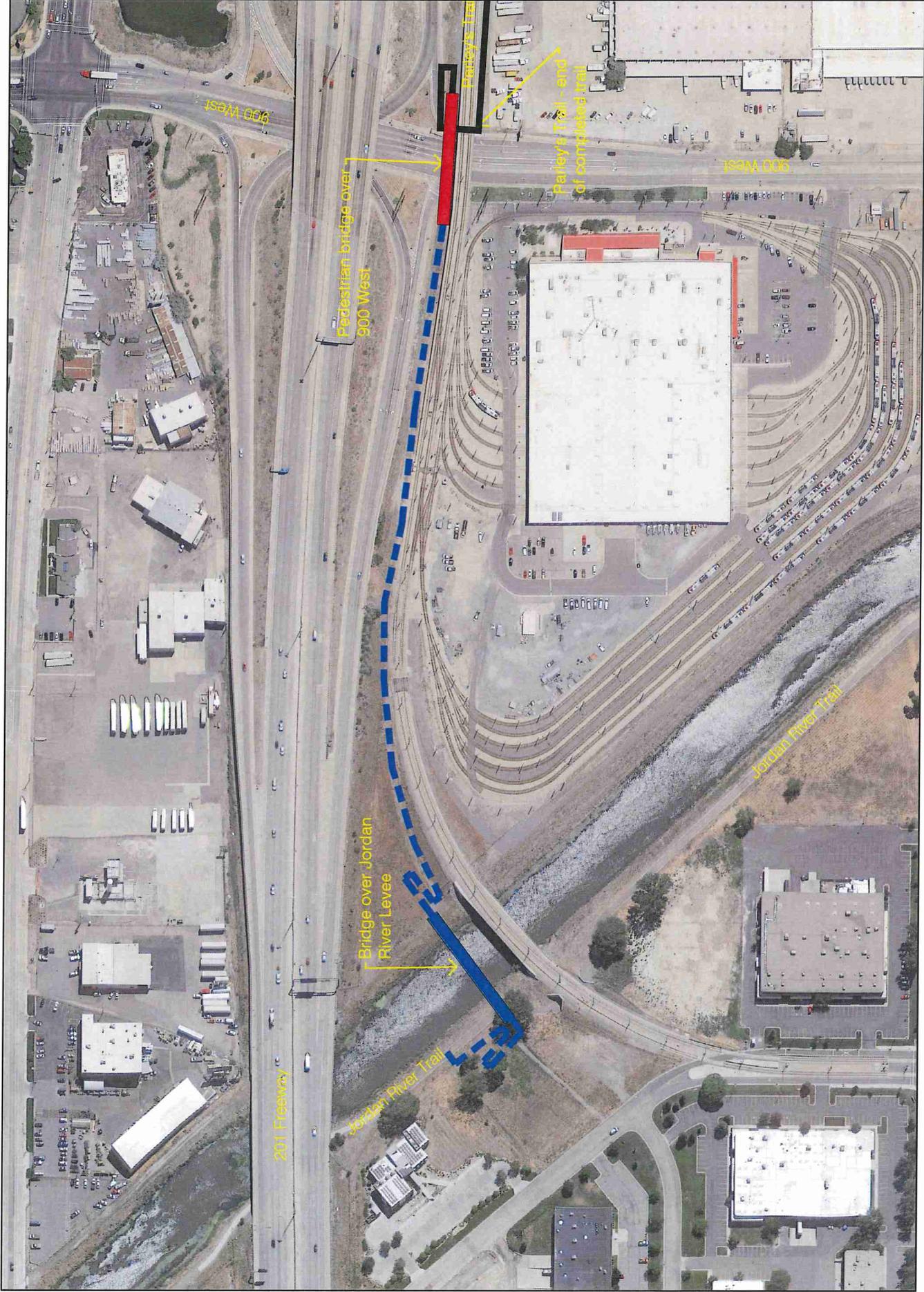
When completed, Parley's Trail will have a conjoining influence between neighborhoods, parks, shopping areas, and other destinations and enhance the quality of the life for these communities.

Significant barriers that remain to complete the trail:

- First, 900 West roadway presents a difficult challenge due to heavy traffic and an interchange for the 201 Highway.
 - Bridging over 900 West is the safest way for trail users to get to the Jordan River Parkway Trail.
 - In 2016 UDOT produced a Concept Report for constructing this pedestrian bridge which included a cost estimate. (\$6,000,000 – see attached Concept Report)
 - Parks and Rec has hired a consultant to perform engineering and design work and will have updated cost estimates within six months.
- Second, the Jordan River and the Corps of Engineers Levee.
 - In this reach of the Jordan River, the Corp of Engineers has classified the embankment and bench as a levee. Constructing a bridge within this reach will require adherence to the US Army Corp of Engineers requirements and approval. This is estimated to be a 2 year approval process.
 - UDOT recently donated a 144 foot pedestrian bridge to Salt Lake County that was removed from 7000 South & Bangerter Highway. This bridge is shorter than the length required to span the levee which is approximately 165 feet.
 - The design consultant is looking at the feasibility of modifying the UDOT bridge to span the river and meet the Army Corp's requirements. Pictures of this bridge are shown below.
 - The attached cost estimate assumes that a new bridge will need to be required and purchased.
- Third, funding. Funds from the 2012 Bond are being used for the design of the 900 W to JRT connection. Funding for construction has not been secured.
 - 2016 estimates show that this segment of trail is estimated to cost \$6,217,699.
 - Estimated inflation for construction in 2019 puts the project cost at \$7,026,000.

144 foot bridge from 7000 S & Bangerter

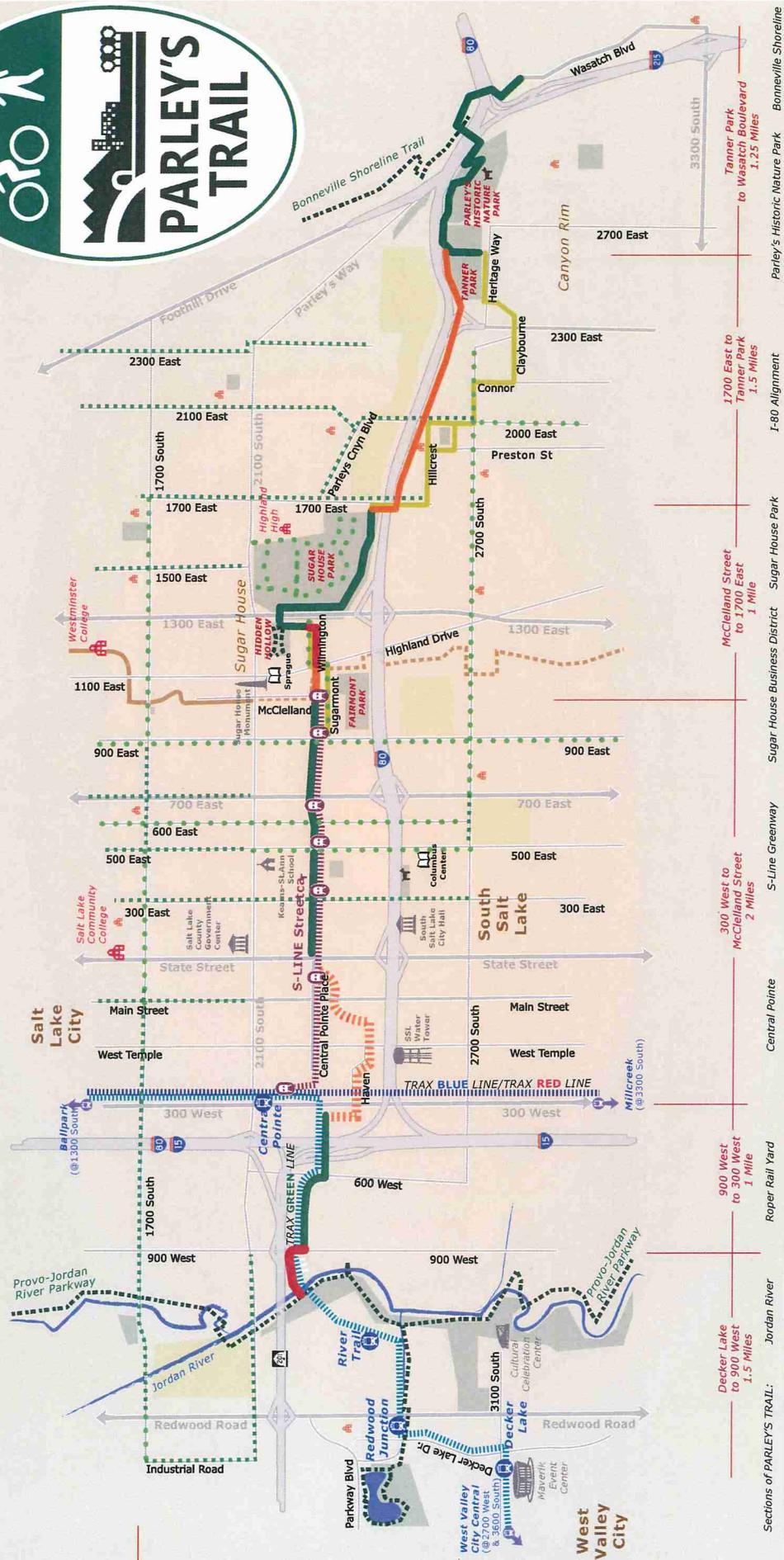




TRCC Request - Parley's Trail - Jordan River Trail Proposed Connector

New Pedestrian Bridge at 900 West - Funded





Parley's Trail

- Completed Off-Street Shared-Use Path
- Temporary On-Street Route
- Under Construction
- Under Design - Unfunded
- Alignment Undetermined / Unfunded

Roads

- Freeway System (Auto Access Only)
- Higher Volume Auto Traffic Street
- Lower Volume Auto Traffic Street
- On-Street Bike Lane
- Signed Shared Street Route
- Existing Shared-Use Path

Points of Interest

- School
- Library
- Off-Leash Dog Area
- Parks and Open Space
- Golf Course
- Proposed Canal Trail
- Existing Canal Trail

Utah Transit Authority (UTA)

- TRAX RED and BLUE Lines
- TRAX GREEN Line
- S-LINE Streetcar
- TRAX Station
- S-LINE Station

Sections of PARLEY'S TRAIL:

- 2700 South to 1700 South 1.5 Miles
- 1700 East to 1700 West 1.5 Miles
- 900 West to 300 West 1 Mile
- 300 West to 300 East 2 Miles
- 300 East to 1700 East 1 Mile
- 1700 East to Wasatch Boulevard 1.25 Miles

Parley's Trail - 900 West to Jordan River Parkway				
Probable Cost Estimate			17-Oct-17	
Description	Quantity	Unit	Unit Cost	Cost
Public Information	1	Lump	45,000	\$ 45,000
Roadway				
Mobilization	1	Lump	275,000	\$ 275,000
Traffic Control	1	Lump	150,000	\$ 150,000
Maintenance of Traffic	1	Lump	40,000	\$ 40,000
Dust Control	59	1000 gal	12	\$ 708
Untreated base course	2,124	Ton	25	\$ 53,100
micro surfacing	2,934	SY	3	\$ 7,335
HMA - 3/4"	899	Ton	80	\$ 71,920
Bridge over 900 West				
Pedestrian structure	8650	SF	250	\$ 2,162,500
Bridge contingency (unknown in geotech & vert align)	1	Lump	540,625	\$ 540,625
Retaining wall	100	SF	75	\$ 7,500
Trail to Bridge over Jordan River				
Trail	2000	LF	65	\$ 130,000
Signage	10	EA	150	\$ 1,500
Fencing	2000	LF	22	\$ 44,000
Bridge over Jordan River				
Pedestrian structure	1	Lump	200,000	\$ 200,000
Structure ramps	1	Lump	40,000	\$ 40,000
Footings	1	Lump	55,000	\$ 55,000
Trail from Bridge to Jordan River Parkway				
Trail	240	LF	65	\$ 15,600
Signage	2	EA	150	\$ 300
Contractor P&O, bonds, etc. (20% of Construction Costs)				\$ 768,018
Construction Subtotal				\$ 4,608,106
Project Contingency @ 10% of Construction Subtotal				\$ 460,811
Soft Costs @ 20% of Construction Subtotal + Contingency (Design Consultants, Surveys, Testing, Permitting, Printing, Etc)				\$ 1,013,783
Utilities				
Century Link				\$ 10,000
Centacom				\$ 5,000
JR Irrigation				\$ 30,000
MCI				\$ 5,000
Questar				\$ 10,000
RMP				\$ 30,000
SLCPU				\$ 5,000
Syriniga				\$ 5,000
UDOT Fiber				\$ 5,000
UTA (Permitting / Encroachment)				\$ 20,000
UTOPIA				\$ 5,000
XO Communications				\$ 5,000
Total Estimated 2016 Project Cost				\$ 6,217,699
Estimated Construction 2019 - 13% cost inflation				\$ 808,301
Total Estimated 2019 Project Cost				\$ 7,026,000

Notes:

- 1 This cost estimate is based on average square footage costs from past projects and UDOT provided estimates and is not based on any design drawings.

