



Activities and Accomplishments Report

Fiscal Year 2019 | August 22, 2019

Mission Statement

The Wasatch Front Regional Council builds consensus and enhances quality of life by developing and implementing visions and plans for a well-functioning multi-modal transportation system, livable communities, a strong economy, and a healthy environment.



Goal One

Collaboratively develop and implement the Wasatch Choice 2050 Vision for regional transportation, land use, and economic development.



Goal One: Wasatch Choice 2050 Vision

Wasatch Choice Map



- Vision
- Transportation
- Land Use
- Economic Development
- Amenities

WASATCH CHOICE 2050 VISION FOR OUR FUTURE

Our future quality of life depends on the choices we make today. The Wasatch Choice 2050 Vision is a blueprint for growth in our region. The Vision map and key strategies show how transportation investments, development patterns, and economic opportunities can enhance quality of life now and for generations to come.

Key Strategies

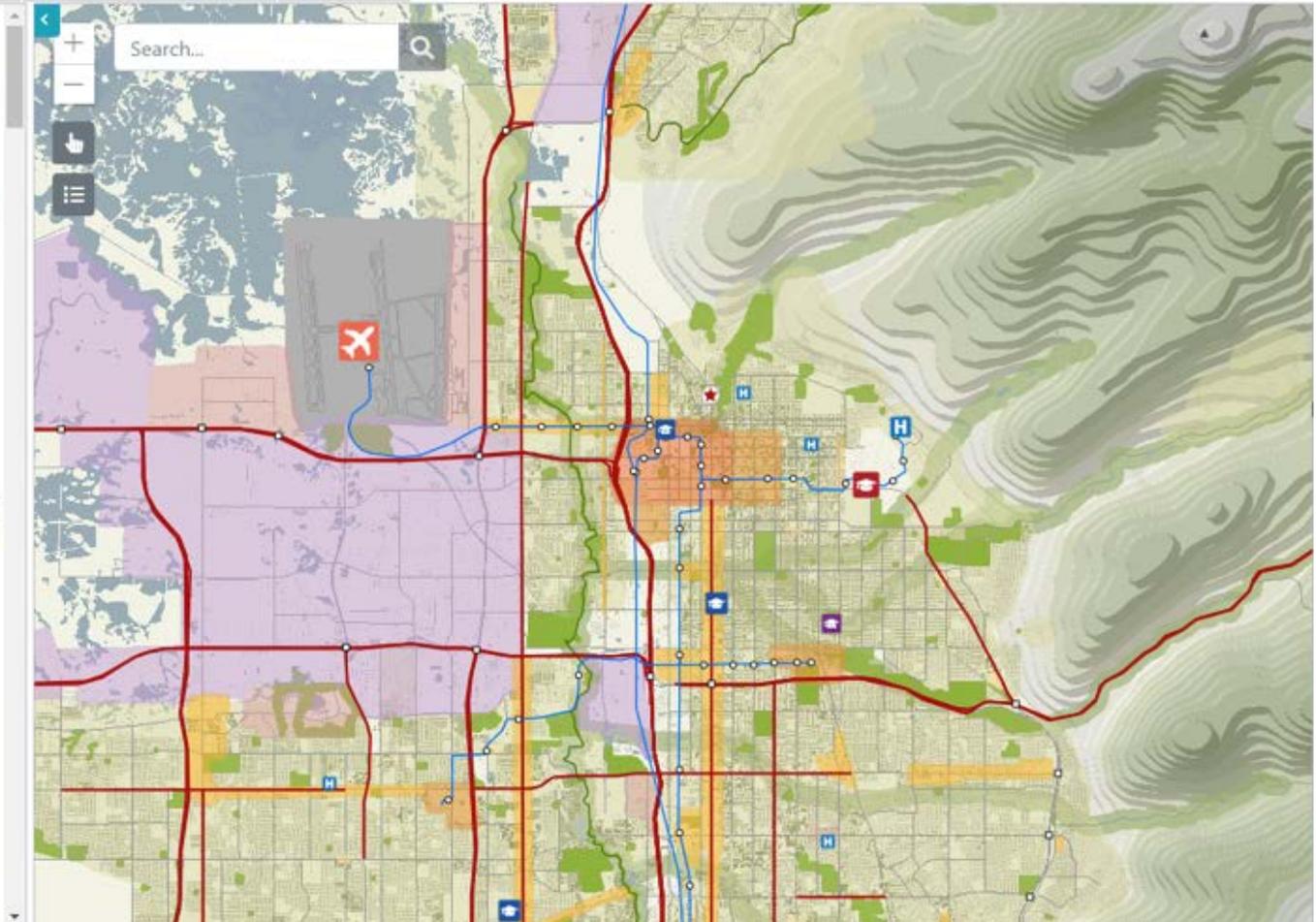
The Wasatch Choice 2050 Vision is built on four key strategies:

- 1 Provide transportation choices
- 2 Support housing options
- 3 Preserve open space
- 4 Link economic development with transportation and housing decisions

Benefits of the Vision

Implementing the Wasatch Choice 2050 Vision promotes high quality of life now and for generations to come.

- 🏠 Livable and healthy communities
- 🏫 Access to economic and educational opportunities
- 🚦 Manageable and reliable traffic conditions
- 🚗 Quality transportation choices
- 🚶 Safe, user friendly streets
- ☁️ Clean air
- 🏠 Housing choices and affordable living expenses
- 🚧 Fiscally responsible communities and infrastructure



Goal One: Wasatch Choice 2050 Vision

Key Strategies:



1. Provide transportation choices.



2. Support housing options.



3. Preserve open space.



4. Link economic development with transportation and housing decisions.



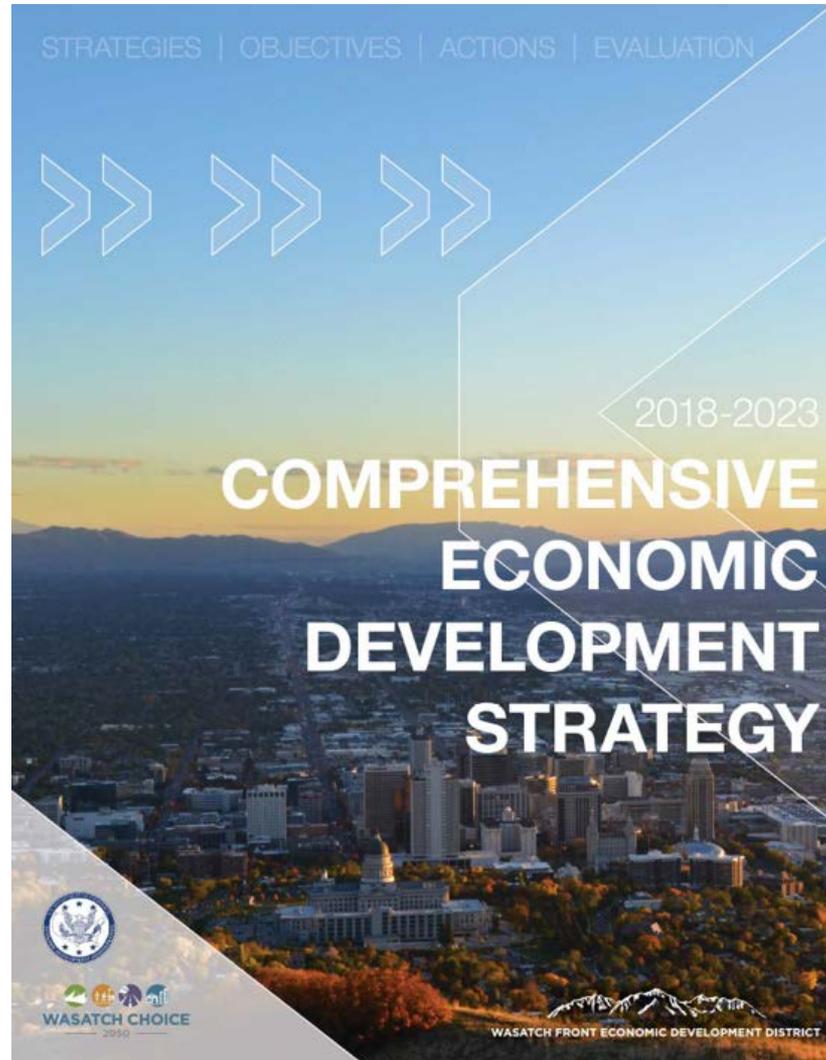
Goal One: Adopt 2019-2050 RTP



Goal One: Adopt TIP



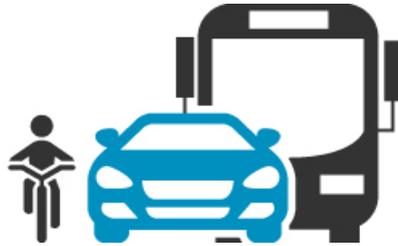
Goal One: Adopt CEDS



Goal One: Funding Programs



CMAQ



STP



TAP



Goal One: Public Engagement



DELE FORMA AL FUTURO

OBTENGA MÁS INFORMACIÓN SOBRE LOS PLANES DE INVERSIÓN EN TRANSPORTE PARA SU COMUNIDAD Y REGIÓN.
Deje sus comentarios hasta el 4 de agosto en wfrc.org/TIP20192024ES.

 **Wasatch Front Regional Council** @WasatchCouncil · Jul 10

.@WasatchCouncil in conjunction with @UtahDOT and @RideUTA will be hosting an open house TOMORROW NIGHT at the Salt Lake Central Station (250 S. 600 W.) for the public comment period on the Draft 2020-2025 Transportation Improvement Program (TIP).
Come and give us your feedback!

  2  4  





Goal Two

Advance transportation, land use, and economic development policy-making and projects.



Goal Two: Senate Bill 34



S.B. 34

Enrolled Copy **AFFORDABLE HOUSING MODIFICATIONS**
2019 GENERAL SESSION
STATE OF UTAH
Chief Sponsor: Jacob L. Anderegg
House Sponsor: Val K. Potter

1
2
3
4
5
6

LONG TITLE

7 **General Description:**
8 This bill modifies provisions related to a municipality's and a county's general plan
9 related to moderate income housing.

10 **Highlighted Provisions:**
11 This bill:
12 • defines terms;
13 • modifies the requirements of certain municipalities and counties related to the
14 moderate income housing plan element of their general plan;
15 • modifies the reporting requirements of certain municipalities and counties related to
16 the moderate income housing plan element of their general plan;
17 • modifies provisions related to the use of Transportation Investment Fund money;
18 • modifies provisions related to the Olene Walker Housing Loan Fund Board; and
19 • makes technical changes.

20 **Money Appropriated in this Bill:**
21 None

22 **Other Special Clauses:**
23 None

24 **Utah Code Sections Affected:**
25 **AMENDS:**
26 10-9a-103, as last amended by Laws of Utah 2018, Chapters 339 and 415
27 10-9a-401, as last amended by Laws of Utah 2018, Chapter 218
28 10-9a-403, as last amended by Laws of Utah 2018, Chapter 218
29



Goal Two: Projects & Studies

- Little Cottonwood Canyon EIS
- Point of the Mountain visioning
- Inland Port analysis
- Mountain View/5600 West Corridor EIS
- I-80/I-215 Parley's Interchange EIS
- UTA Service Choices Study
- TOD System Plan
- Future of FrontRunner Rail Study
- Ogden-Weber State Bus Rapid Transit Corridor
- South Davis–Salt Lake City Bus Rapid Transit Community Connector
- Box Elder-Cache-Weber County Transit Analysis
- Tooele Valley Rural Planning Organization
- Morgan County-Ogden Valley Rural Planning Organization





Goal Three

Strive for organizational excellence.



Goal Three: Enhance Technical Capabilities

Data Resources for Coordinating Housing & Transportation (SB34)

→ City-Specific Data



1 New General Plan Requirements for 2019

Senate Bill 34 (SB34) "Affordable Housing Modifications" encourages local communities to plan for housing for residents of all income levels and to coordinate that housing with transportation and job opportunities.

To remain eligible for state transportation

2 2019 - 2050 Regional Transportation Plan (RTP) Projects

3 Major Transit Investment Corridors and Stations

4 How Accessible are Places of Work?

5 Population Projections

6 Employment Projections



Goal Three: Office Move





FUNDING PROGRAMS

FISCAL YEAR 2020



WASATCH FRONT REGIONAL COUNCIL

WFRC Funding Programs

- Wasatch Front Economic Development District
- Community Development Block Grant Program
- Transportation & Land Use Connection Program
- Surface Transportation Program
- Congestion Mitigation Air Quality
- Transportation Alternatives Program

Mission: Support economic development plans, promote long-term economic competitiveness, and attract federal monies in order to implement local plans.

Expand Employment



Planning Request
\$100,000

Develop strategies to expand employment in Utah's advanced composites manufacturing industry and supply chain

Encourage Entrepreneurship



Construction Request
\$2,000,000

Grow creative industries and connect people and organization to space, technology, and opportunity

Workforce Training



Workforce Training Request
\$614,000

Provide workforce training to disadvantaged youth in the green construction industry

Mission: Support economic development plans, promote long-term economic competitiveness, and attract federal monies in order to implement local plans.

U.S. Economic Development Administration Funding Programs

PUBLIC WORKS & ECONOMIC ADJUSTMENT ASSISTANCE

\$100,000 - \$3,000,000

- Job Creation
- Job Retention
- Construction
- Global Competitiveness
- Leverage Private Capital
- Coal Impacted Communities
- Build Regional Capacity

REGIONAL INNOVATION STRATEGIES

\$0 – \$500,000

- Innovation Centers
- Entrepreneurial Centers
- Cluster-Based Startups

LOCAL TECHNICAL ASSISTANCE

\$0 – \$300,000

- Economic Development Plans
- Feasibility Studies
- Impact Analyses

Community Development Block Grant (CDBG) Small Cities Program



Program Purpose

The purpose of the CDBG Program is to assist in developing viable urban communities by providing decent housing and a suitable living environment, principally for persons of low and moderate income.

Program Eligibility

Morgan, Tooele, and Weber Counties

Community Development Block Grant (CDBG) Program

ELIGIBLE PROJECT TYPES

- Planning
- Building Rehabilitation
- Removal of ADA Barriers
- Public Safety Equipment
- Property Acquisition for Public Purposes
- Promotion of Neighborhood Centers
- Create/Rehab. Recreation Facilities
- Demolish Buildings to Reduce Slum/Blight
- Install/Modify Public Works Infrastructure
- Construct/Reconstruct Streets, Water, Sewer Facilities
- Housing Lot Acquisition for Multiple-Family Housing Construction



Community Development Block Grant (CDBG) Program

HOUSING and COMMUNITY DEVELOPMENT

Total Funding for FY 2019
\$870,000

ADA Upgrades
Morgan County \$210,000



Curb, Gutter, Sidewalk
Marriott-Slaterville \$323,152



Culinary Water Project
Uintah City \$36,848





TRANSPORTATION
AND
LAND USE CONNECTION



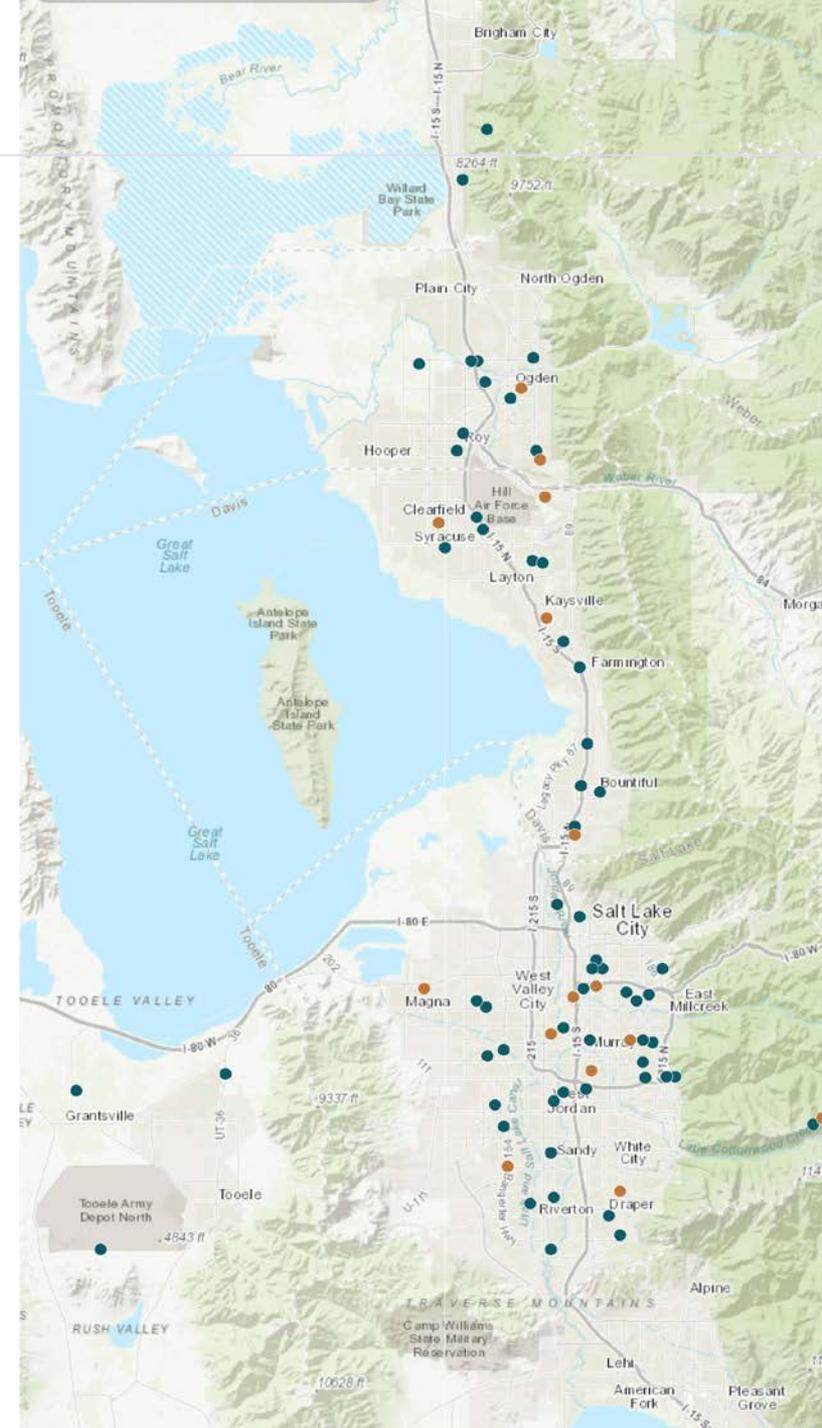
TLC PROGRAM GOALS

Maximize the **value of investment** in public infrastructure

Enhance **access to opportunities**

Increase **travel options to optimize mobility**

Create **communities with opportunities to live, work, and play**



TLC PROJECTS



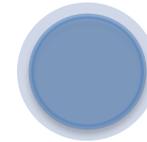
PLANS

Visions
Community Engagement
Downtown Master Plans
Active Transportation



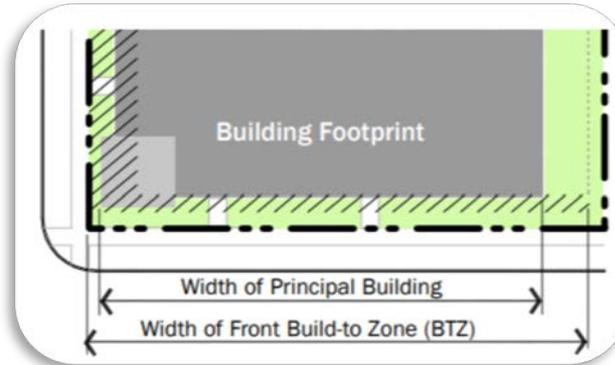
POLICIES

Zoning Ordinances
Design Standards
Transportation Priorities



PRODUCTS

Financing Options
Implementation Strategies
RDA Support



STUDIES AND ANALYSES (Parking, Market, etc.)



**SURFACE TRANSPORTATION
PROGRAM (STP)**



**CONGESTION MITIGATION/
AIR QUALITY (CMAQ)**



**TRANSPORTATION
ALTERNATIVES PROGRAM (TAP)**

FEDERAL FUNDING PROGRAMS



SURFACE TRANSPORTATION PROGRAM (STP)

Eligible STP Project Types

- Street widening or new construction
- Improve or reconstruct existing streets
- Bridge replacement
- Projects that reduce traffic demand
- Intersection improvements



5600 West – 6200 South to 7000 South
Reconstruct & Widen





CONGESTION MITIGATION/ AIR QUALITY (CMAQ)

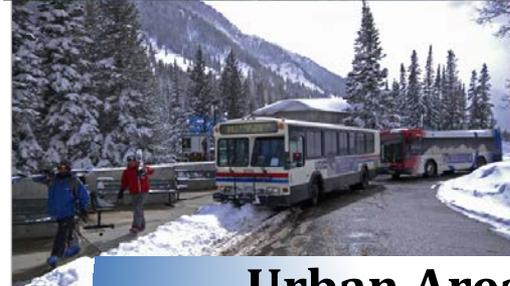
Eligible CMAQ Project Types

- Projects that improve Air Quality
- Construct or purchase public transportation facilities and equipment
- Commuter bicycle & pedestrian facilities
- Intelligent Transportation Systems (ITS)
- Projects that reduce traffic demand
- Intersection improvements



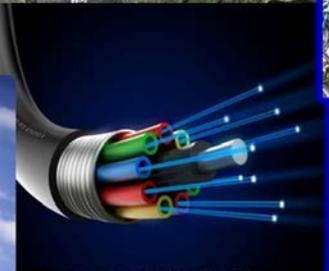
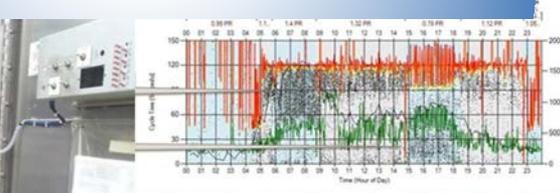
Construct/ Purchase Public Transportation Facilities and Equipment

Intelligent Transportation Systems (ITS)



Urban Area - Signal Interconnect

Commuter Bicycle and Pedestrian Facilities



SYNCHRONIZATION BENEFITS

- TRAVEL TIME ↓ 20%
- DELAYS ↓ 43%
- STOPS ↓ 41%
- FUEL USE ↓ 10%
- AIR QUALITY ↑





TRANSPORTATION ALTERNATIVES PROGRAM (TAP)

Eligible TAP Project Types

- Construction, planning, and design
- Pedestrian, bicyclists, & other non-motorized forms of transportation
- Improvements could include:
 - Sidewalks
 - Bicycle infrastructure
 - Traffic calming techniques
 - Lighting and safety-related infrastructure for non-drivers
- Safe Routes to School projects



D&RGW Rail/ Trail



WFRC Funding Program Deadlines

We're Here



**August
2019**

**August
2019**

**September
2019**

**December
2019**

**Spring
2020**

For More Information

Wasatch Front Regional Council

www.wfrc.org 801-363-4250

Scott Hess x1104

shess@wfrc.org

Christy Dahlberg x5005

christy@wfrc.org

Megan Townsend x1101

mtownsend@wfrc.org

Ben Wuthrich x1121

bwuthrich@wfrc.org





Wasatch Choice 2050 Implementation

Preview // Wasatch Choice Interactive Map

Wasatch Choice Map

Vision Transportation Land Use Economic Development Amenities



WASATCH CHOICE 2050

VISION FOR OUR FUTURE

Our future quality of life depends on the choices we make today. The Wasatch Choice 2050 Vision is a blueprint for growth in our region. The Vision map and key strategies show how transportation investments, development patterns, and economic opportunities can enhance quality of life now and for generations to come.

Key Strategies

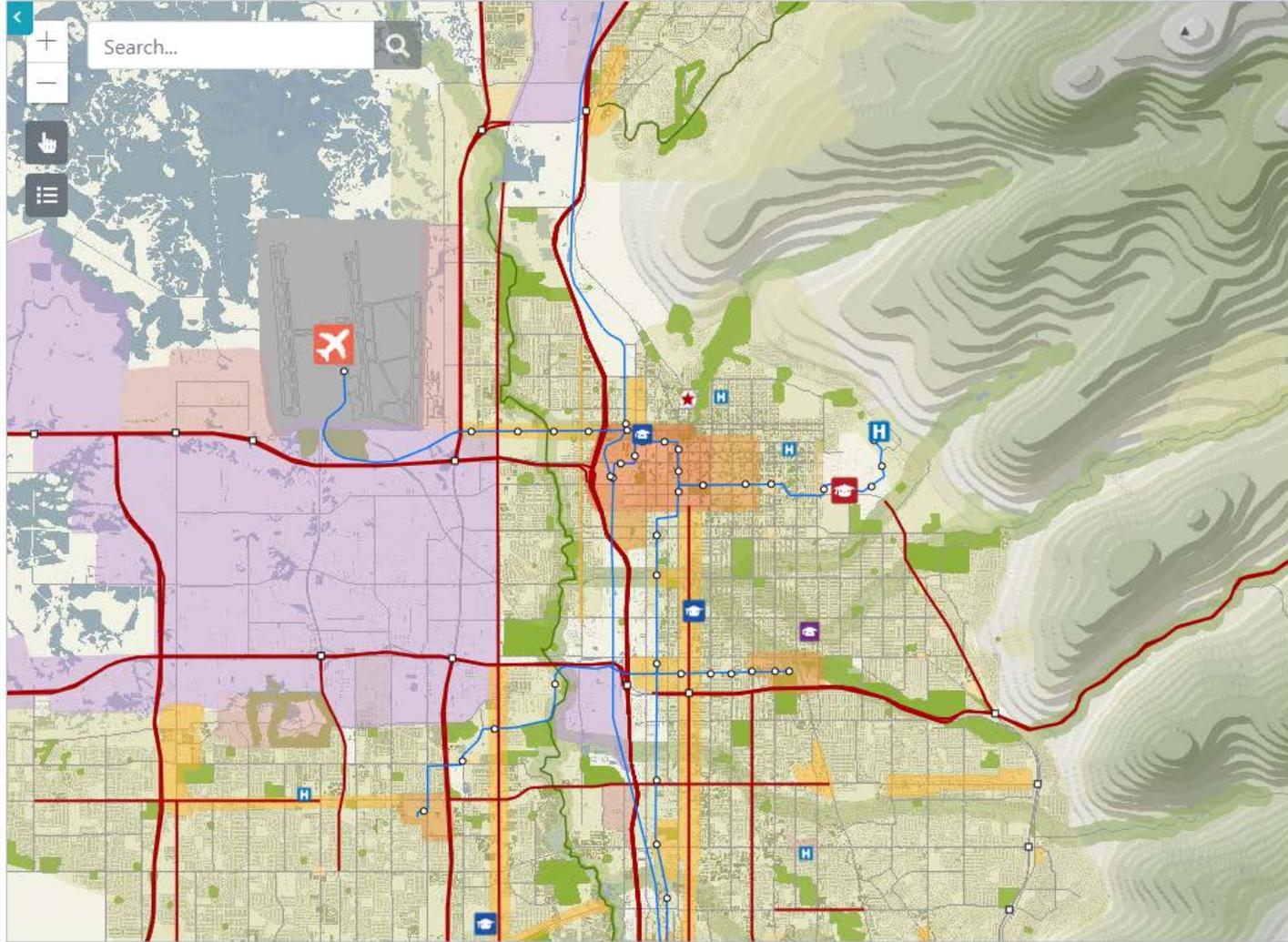
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- Clean air
- Housing choices and affordable living expenses
- Fiscally responsible communities and infrastructure



The map displays a geographic area with various colored overlays representing different planning categories. A red network of lines indicates major transportation corridors, including roads and transit routes. Blue lines and icons represent transit options. Green and brown areas likely represent land use designations such as open space and economic development zones. A search bar and navigation controls are visible in the top left of the map area.

State of the Centers // Cities // Region



Area
Population and population density
Employment and employment density



Commercial market value
Access to opportunities
Percent of center vacant or underutilized
Housing plus transportation costs
Percent of housing that is affordable



Housing mix
Land use mix
Access to open space and recreation
Physical inactivity
Public amenities



Mode share
Street connectivity
Walkability
Miles of bicycle facilities

TEDVILLE DOWNTOWN

Snapshot

	Downtown	Tedville	Region
Population	2,300	3,700	32,908
People per acre	7.0	7.1	8.7
Employment	5,300	7,500	20,217
Employment per acre	16.1	14.5	5.3

Livability

	Downtown	Tedville	Region
Land use mix score	0.7	0.4	0.3
Housing mix	0.8	0.5	0.2
Households near open space	80%	60%	50%
People meeting activity levels	75%	40%	80%

Mobility

	Downtown	Tedville	Region
Non-auto mode share	84%	10%	5%
Street connectivity	251	123	87
Miles of bike facilities	53	75	987
Percent complete sidewalk	■■■■■■■■□□	■■■■■■■■□□	■■■■■■■■□□

Economic Vitality

	Downtown	Tedville	Region
Access to opportunity - auto	140,000	110,000	100,000
Access to opportunity - transit	70,000	50,000	30,000
Housing plus transportation	89%	52%	49%
Commercial market value	\$37	\$30	\$28



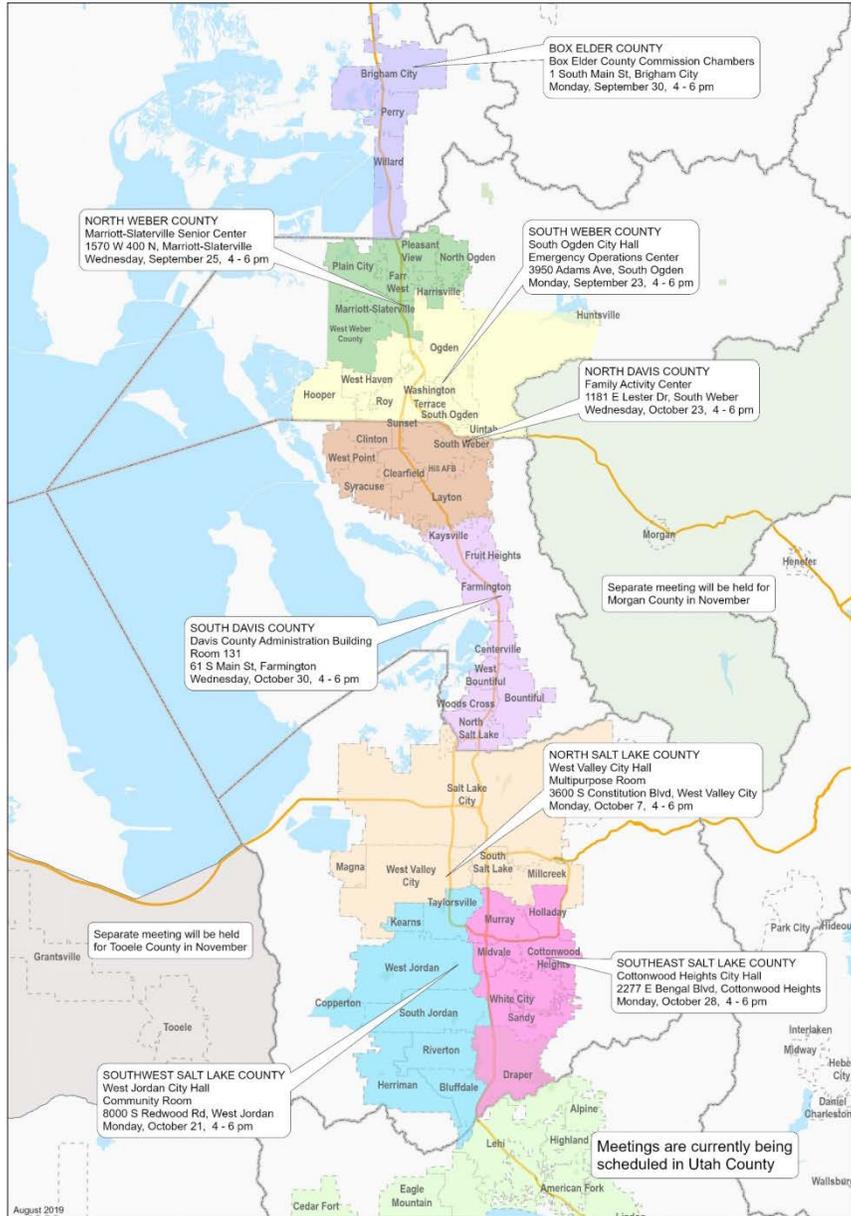
Center Area 345 acres
City Tedville
County Grubershire

Breakout Sessions

- 1** Provide transportation choices
- 2** Support housing options
- 3** Preserve open space
- 4** Link economic development with transportation and housing decisions

-  Drill-down best practices
-  Local case studies
-  New legislation
-  New tools

Wasatch Choice Implementation Workshops



- 📢 Detail your Wasatch Choice Vision
- 📢 Explore implementation opportunities & challenges
- 📢 Highlight implications of new state planning standards
- 📢 Capitalize on new ways to compete for funding



WASATCH CHOICE

———— 2050 ————



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Transportation Improvement Program - Today . . .

- 5a. Report on Approved Board Modification
 - Trans Com – June 20, 2019

- 5b. Approve New Board Modification
 - To the 2019-2024 TIP

- 5c. Approve the 2020-2025 TIP and
 - Air Quality Conformity Determination

5a - 2019-2024 TIP Board Modification #8

Trans Com Approved on
June 20, 2019

Ben Wuthrich
Wasatch Front Regional Council



2019-2024 Transportation Improvement Program (TIP) (Amendment Eight)

Board Modification

Additional Funding

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	Bluffdale	Porter Rockwell Blvd	11986	Porter Rockwell Blvd (Fifth Segment); Redwood Road to 0.46 miles east	New Construction	STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC))	\$6,966,379	\$5,236,150	Additional Funding	\$650,000	2019
						LOCAL_GOVT Local Government Funds			Additional Funding	\$350,000	
						ST_TIF (State Transportation Investment Fund)		\$380,229			
						ST_PVMT State Construction - Pavement Preservation)		\$350,000			

When completed, this project will construct a new facility from Redwood Road eastward for about 0.5 miles where it will align with a new (yet to be built) bridge structure. This request is for additional funds to cover the additional costs that have occurred during construction of a detention basin, conflicts with utility reparation, embankment borrow deficiency, and various other costs. The additional funding is available from other project cost savings.

Project Scope Change

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	Taylorsville	Redwood Road	11082	Redwood Road; 4100 South to 5400 South and 1780 Bus Rapid Transit (BRT) Connector Road; Bruin Blvd to 4700 South	Access Management/ Safety Improvements and New Construction including curb, gutter, sidewalk, and shoulder improvements	STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC))	\$13,767,800	\$11,504,328	Combine Projects and extend Scope on Redwood Road	No Additional Funding	2019
						LOCAL_GOVT Local Government Funds		\$1,260,672			
						STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC))		\$655,220			
						LOCAL_GOVT Local Government Funds		\$347,580			

The Redwood Road project will implement access management strategies and improve safety along the corridor while the 1780 BRT Connector will align transit needs with the Community College and mitigate traffic congestion and conflict points in and around Redwood Road and the Campus. This request is to eliminate raised medians initially identified for Redwood Road, combine both projects to eliminate duplication of transit and related improvements around the campus, and the street lighting all along the Redwood Road corridor through Taylorsville City. Other benefits include minimizing impacts to the traveling public and existing traffic, and project cost savings.

2019-2024 Transportation Improvement Program (TIP) (Amendment Eight)

Board Modification

Project Removed

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	Riverton	12600 South	14051	12600 South Bicycle Lanes; Bangerter Highway to Mountain View Corridor	Widen 12600 South to include 5-foot bike lanes on either side	CMAQ_WFRC (Congestion Mitigation/ Air Quality - (WFRC))	\$2,712,600	\$1,750,000	Funding Removed	\$1,750,000	2021

Riverton City requests that this project be removed from the program. Preliminary reviews indicate that additional capacity including bike lanes will be required to accommodate the predicted exponential growth. Once the city better understands the growth, the City will prepare an application for the proper funding to widen this section and add the required capacity, both bike and road. Until that time the City will continue to secure Right of Way and limit access with other resources. The funds will be returned to the program for reprogramming.

Salt Lake	Herriman	13400 South	14943	13400 South, 5600 West, and Herriman Parkway	Increase Safety & Encourage Bicycle and Pedestrian Safety on Herriman Major Corridor Bike Lanes	TAP_URB_WFRC (Transportation Alternatives Program - (WFRC))	\$100,000	\$50,000	Funding Removed	\$50,000	2019
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After careful study and some preliminary project development, the City has determined that they can build this project with their own resources. The funds will be returned to the program for reprogramming.

Salt Lake	Murray/UDOT	US-89	16942	State Street (US-89) and 5300 South Intersection	Intersection Improvements	CMAQ_WFRC (Congestion Mitigation/ Air Quality - (WFRC))	\$525,000	\$489,458	Funding Removed	\$489,458	2023
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The City has recently completed an asphalt overlay project on 5300 South. As part of this project the City was able to re-stripe the east leg of the intersection to accommodate a westbound right turn. The new lane configuration is working well and there is no reason for additional widening at this location. The funds will be returned to the program for reprogramming.

Salt Lake	Bluffdale	Redwood Road	16926	14600 South & Redwood Road	Construct a New High-T Intersection	STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC))	\$600,000	\$550,000	Funding Removed	\$550,000	2021
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After careful review and preliminary project engineering, it has been determined that the City will be able to construct this intersection earlier and for less money if they were to construct with their own resources, so the City requests that this project be withdrawn from the program. The funds will be returned to the program for reprogramming.

5b - 2019-2024 TIP Board Modification

Wasatch Front Regional Council
August 22, 2019

Ben Wuthrich
Wasatch Front Regional Council

2019-2024 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Additional Funding

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	Salt Lake County	Grit Mill	14944	Grit Mill and Climbing Master Plan; Little Cottonwood Canyon Park & Ride	Construction of Parking Lot/ Trailhead and Restroom and realign SR-210 for access improvements	LOCAL_GOVT Local Government Funds	\$899,202	\$141,000			2019
						LOCAL_INKIND Local In Kind (Soft Match)		\$14,720			
						Other		\$44,361			
						ST_CONT_R2 State Construction - Region 2 Contingency		\$125,000			
						TAP_URB_WFRC (Transportation Alternatives Program - Urban Area (WFRC))		\$387,927	Additional Funding	\$186,200	

When completed, this project will construct a parking lot and improve road conditions on SR-210 and Wasatch Resort Road. Safety will be improved by removing cars that park along the roadway and improve the sight distance for travelers as well as the constructing of a center turn lane at the intersection. This request is for additional funding identified during final design and increased construction costs. The additional funding is available from other project cost savings.

Salt Lake	Salt Lake City	1300 East	11083	1300 East; 1300 South to 2100 South	Reconstruction with minor improvements to Drainage, Curb, Gutter and Sidewalk	LOCAL_GOVT Local Government Funds	\$10,519,961	\$3,013,784	Additional Funding	\$26,868	2019
						LOCAL_INKIND Local In Kind (Soft Match)		\$129,961			
						STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC))		\$6,736,709	Additional Funding	\$370,000	
						TAP_URB_WFRC (Transportation Alternatives Program - Urban Area (WFRC))		\$199,507			

When completed, this project will reconstruct 1300 East including improvements to curb, gutter, sidewalk, bike lanes, and bus stops. The request for additional funding has been generated by a 2-D fiber optic duct bank that was originally intended to be protected in place. At the commencement of construction this duct bank was found to be shallower than expected. The project now needs to replace roughly 6,000 feet of new 2-D duct bank and associated fiber optic cable. The additional funding is available from other project cost savings.

Salt Lake	South Jordan	2200 West	14040	2200 West; 9400 South to 11400 South	Reconstruction with minor widening including; improvements to Drainage, Curb, Gutter and Sidewalk	STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC))	\$7,872,000	\$4,200,852	Additional Funding	\$2,330,750	2019
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When completed, this project will reconstruct 2200 West including improvements to curb, gutter, sidewalk, bike lanes, and shoulders. The request for additional funding is a result of rising construction costs, increase in right of way costs the number of right of way takes, and the improvements to two canal crossings that at the time of initial application, no significant structural work was anticipated. The additional funding is available from other project cost savings.

2019-2024 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Additional Funding

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	UDOT	SR-186 (500 South)	16216	500 South (SR-186); 1300 East to 2100 East & Stringham Ave to I-215	Pavement Preservation Project	STP_FLX_ST Surface Transportation Program - Flexible (Any Area) Statewide	\$3,750,000	\$2,800,000	<i>Additional Funding</i>	\$950,000	2019

The existing project is scoped to remove and replace 1.5 inches of pavement. Due to poor pavement conditions it is recommended that the project incorporate the adjacent SR-186/I-215/I-80 interchange ramps improvements, rather than come back at a future date to rehabilitate the Interchange ramp sections. The additional funding is available from other project cost savings.

Salt Lake	UDOT	SR-172 (5600 West)	14413	SR-172; 5600 West Railroad Crossing	Railroad Crossing Construction	Union Pacific Railroad Funds	\$93,735,126		<i>Additional Funding</i>	\$6,909,045	2019
						FA_INFRA@100 (Infra Grant)				\$11,352,772	
						NHFP (National Highway Freight Program)				\$21,992,057	
						STP_FLX_ST Surface Transportation Program - Flexible (Any Area) Statewide				\$22,331,442	
						Various Misc Funding				\$6,443,034	
						ST_TIF State Transportation Investment Funds				\$12,353,388	

Region Two has received the signed agreement from Union Pacific Railroad (UPRR). In the agreement UPRR agrees to pay UDOT a total of \$6,909,045 for making this a grade separated structure and expanding the bridge to accommodate an additional future track.

Ogden/ Layton Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Morgan	UDOT	Devil's Slide Bridge	12624	Devil's Slide Bridge, Near Croydon	Bridge Replacement	STP_Bridge Surface Transportation Program - Bridge Funds for State Projects	\$3,600,000	\$2,200,000	<i>Additional Funding</i>	\$1,400,000	2019

The existing bridge was constructed in 1934 and is currently owned by Morgan County. It has substandard geometry, limited sight distance, and the Weber River frequently overtops it. The bridge experiences significant truck traffic servicing the Holcim Cement Plant adjacent to the project site. The new bridge will be constructed to current geometrical standards with wider shoulders, and the hydraulic opening will be increased to reduce the frequency of overtopping. Vertical constraints imposed by adjacent RR bridges eliminate the ability to meet current hydraulic requirements. The new bridge will be constructed with precast elements to minimize the required closure. The bridge replacement project is scheduled to advertise mid-October, 2019, and to be constructed in 2020. The additional funding is available through cost savings on other projects in the Bridge Program.

2019-2024 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

New Project

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	UDOT	SR-201	17892	SR-201; MP 1.9 to MP 2.7 Project	Pavement Reconstruction & Drainage Improvements	STP_FLX_ST Surface Transportation Program - Flexible (Any Area) Statewide	\$2,700,000	\$0	<i>New Project</i>	\$2,700,000	2019

This section of SR-201 has experienced a degradation of the pavement section due to water seeping into the subgrade. The project will address the drainage issues along with reconstructing the pavement by milling 7” and replacing with 7” HMA (hot mix asphalt). The available funding comes from the Region Two 2020 Pavement Program.

2019-2024 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

New Projects (FY 2020 Recreational Trails Program)

The federal Recreational Trails Program was authorized by Congress as part of the Intermodal Surface Transportation Efficiency Act of 1991. This program has been continued through the current FAST Act transportation authorization. ● These projects are selected and administered through the Utah State Parks and Recreation Division. ● Funds may be used to provide and maintain trails for motorized and nonmotorized recreational uses, including trailside and trailhead facilities, and also provisions to facilitate access for people with disabilities. ● For the 2020 Program, Utah has 38 projects totaling \$1,803,802 in Federal Aid Funds and \$8,340,429 of Sponsor Matching Funds for a total of \$10,144,231 in New Project Value (16 projects totaling \$7,781,496 in the WFRC Area.)

WFRC Area

Sponsor	Concept/ Type of Improvement/ Location	Funding Amount	Total Project Value
Non-Motorized			
Salt Lake Climbers Alliance	Gate Buttress Infrastructure Phase II: Rehabilitation of user created trails and have them built by professional trail crews on the 140 acres of leased land from the LDS Church as well as replacing old fixed anchors with stainless steel hardware. Phase two of this project focuses on stewardship of the recreational resources.	\$50,000	\$206,000
Salt Lake City Corporation	Foothills Trail System Phase I: Trail construction of approximately 6 miles of trail along with corresponding wayfinding signage.	\$100,000	\$250,000
UWC NF & Salt Lake RD	Adams Canyon Trail Work: Construct retaining walls, rock stairs, rebuilding tread, rock removal and causeways on four eroded sections of side-hill along the creek to make it safer and more sustainable. This project will also involve the installation of three new directional signs at intersecting paths along the trail.	\$24,914	\$49,831
Trails Utah	Hardlick Trails: Creating a network of downhill trails and an uphill mountain bike climbing trail totaling 3 miles. These trails will eventually connect to a newly completed 7-mile Eric's trail as well as new sections of the Bonneville Shoreline trail.	\$30,000	\$64,000
Salt Lake County Parks & Recreation	Parleys Trail - 900 W to Jordan River Trail: Completing the final gap of the Parley's Trail from 900 West to the Jordan River Trail by installing a half mile, 10' wide concrete paved pedestrian/bicycle trail which will include a ramp and bridge. Once completed, this trail will link to a larger network of regional trails connecting users to Utah and Davis County.	\$100,000	\$5,210,789

Salt Lake – Grit Mill Parking Facility

Construct Parking Lot/ Trailhead, Restroom, and Roadway Improvements

Additional funding is available from other project cost savings

Project improvements include . .

- New Construction of a parking lot
- Improve road conditions on SR-210 & on Wasatch Resort Road
- Remove on-street parking
- Improve sight distance

Additional Federal Funding
\$ 186,200

Total Project Cost Estimate \$ 899,202

Salt Lake – 1300 East; 1300 South to 2100 South

Reconstruct with minor Improvements to Drainage, Curb, Gutter, and Sidewalk

Additional funding is available from other project cost savings

Additional Federal Funding
\$ 396,868

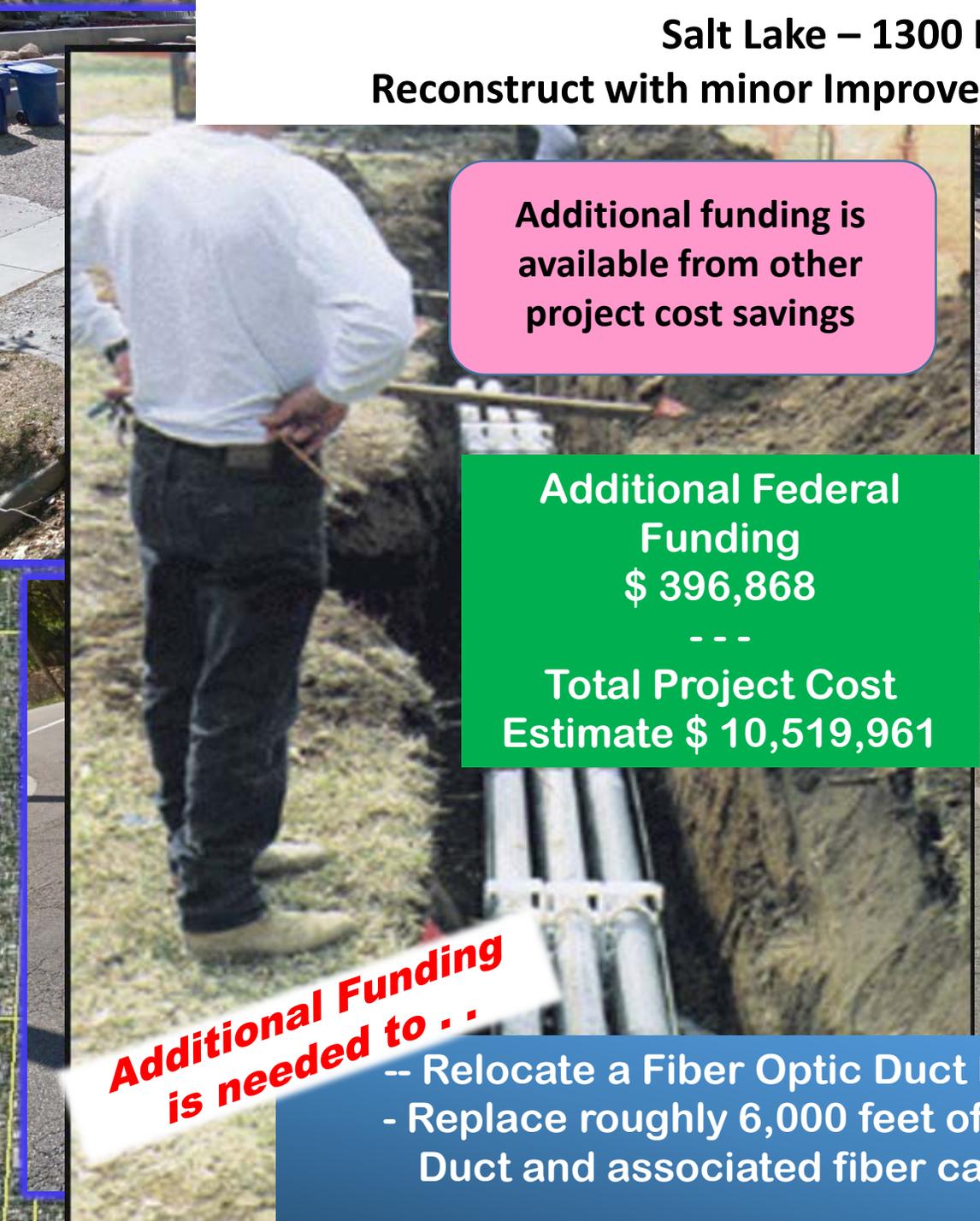
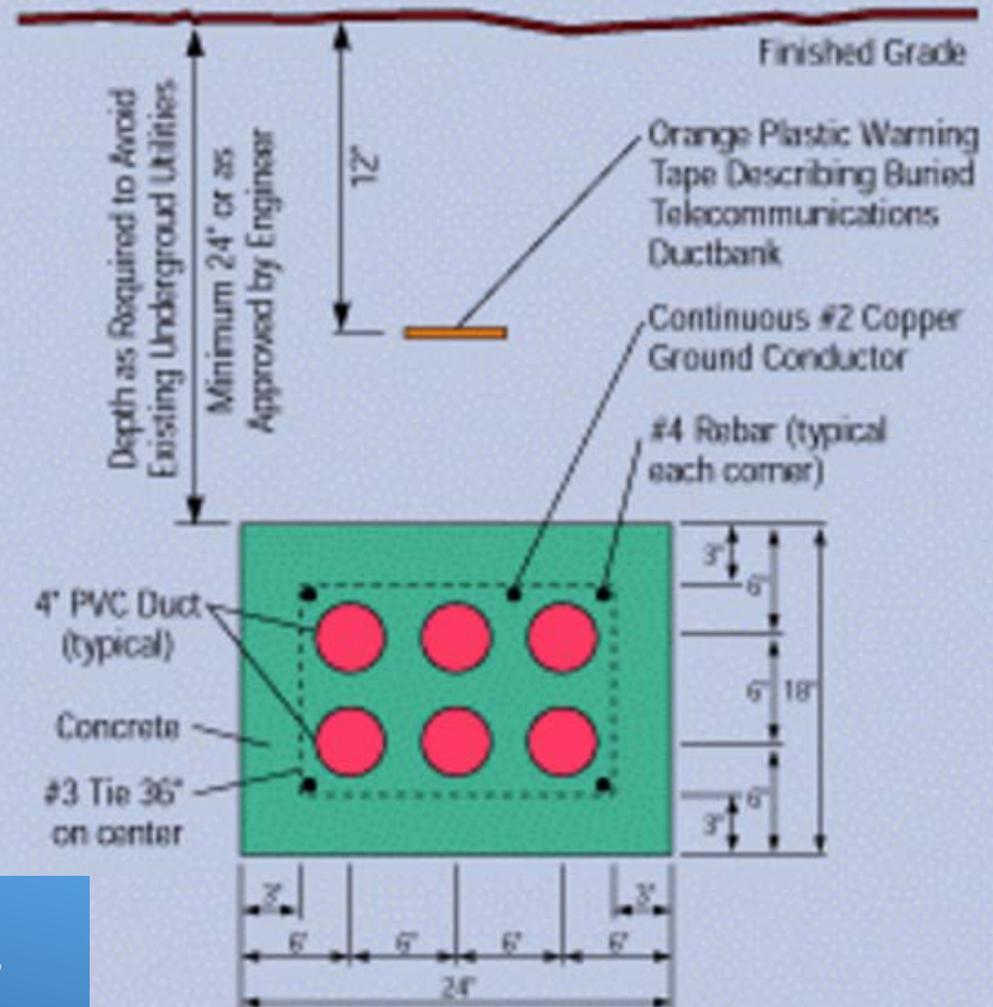
Total Project Cost Estimate \$ 10,519,961

Additional Funding is needed to . . .

- Relocate a Fiber Optic Duct Bank
- Replace roughly 6,000 feet of new Duct and associated fiber cable



Ductbank Cross Section



Salt Lake – 2200 West; 9400 South to 11400 South

Reconstruct w/ minor widening - including improvements to Drainage, Curb, Gutter and Sidewalk

**Additional Federal
Funding**

\$ 2,330,750

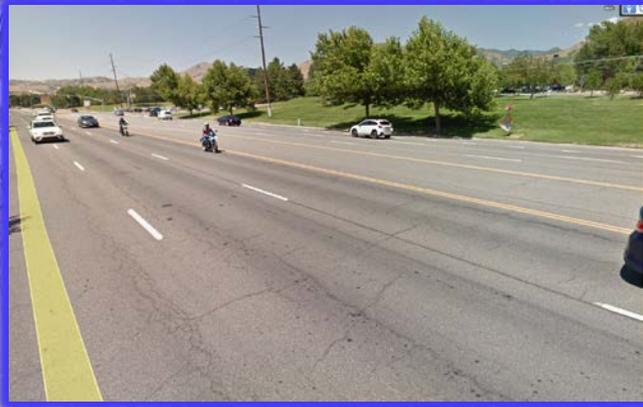
**Total Project Cost
Estimate \$ 7,872,000**

**Additional funding is
available from other
project cost savings**

**Additional Funding is
necessary because . . .**

- Rising construction costs
- Increase in the amount of right of way needed
- Right of way cost increases
- and improvements to two canal crossings

Salt Lake – 500 South (SR-186); 1300 E to 2100 E & Stringham Ave to I-215 Pavement Preservation Project



Additional Funding
\$ 950,000

Total Project Cost
Estimate \$ 3,750,000

Additional funding is available from other project cost savings



Project improvements include . . .

-- Due to poor pavement conditions, the project will include work on the interchange ramps SR-186/ I-215/ I-80



Salt Lake – 5600 West (SR-172) – SR-201 to I-80 Railroad Crossing and Roadway Improvements

Additional Funding
\$ 6,909,045

Total Project Cost
Estimate \$ 93,735,126

**Project
improvements
include . .**

- Widening of 5600 West from 2 lanes to 5 lanes
 - Construct viaduct over rail crossing
 - - Drainage, shoulders, curb & gutter, sidewalk & lighting

Additional funding is available from UPRR to Widen Grade Separated Structure for Future Track



Morgan – Devil's Slide Bridge, Near Croydon Bridge Replacement



Additional Funding
\$ 1,400,000

Total Project Cost
Estimate \$ 2,200,000



Additional funding is
available from project cost
savings in the Bridge
Program



**Project
improvements
include . . .**



-- New Bridge constructed to
standards, wide shoulders, wider
hydraulic clearance, improved
clearance & improved sight distance

Salt Lake – SR-201; MP 1.9 to MP 2.7 Pavement Reconstruction & Drainage Improvements

Additional funding is available from Region Two's 2020 Pavement Program

New Funding
\$ 2,700,000

Total Project Cost
Estimate \$ 2,700,000

**New Project
improvements
include . . .**

-- Due to poor pavement conditions, the project will reconstruct existing pavement and address the drainage issues along the facility

Recreational Trails Program



Recreational Trails Program (RTP)



- Administered by Utah State Parks
- Motorized and non-motorized
- May be combined use
- Revenue from federal motor fuel tax;
- apportioned to each state
- Utah annually receives about \$1.5 M



RTP Funding Amounts

2020 - \$1,803,802, 38 projects

Totaling \$10,144,231 with Match

16 Projects totaling \$7,781,496

In the WFRC Area





**5C - Action on the 2020-2025
Transportation Improvement Program (TIP) & the Corresponding Air Quality
Conformity Finding**

2019 - 2024

19 - 24

2020 - 2025

2025

TIP 20-25

Transportation Improvement Program is . . .

1. Six Year Program of Highway, Transit and Active Transportation Projects
 - Four Years Funded - Two Years Concept
2. In the Urban Areas
 - Salt Lake/ West Valley - Ogden/ Layton
3. Funded by
 - Federal, State, & Local Programs
4. For All Cities, Counties, UDOT & UTA

TIP 20-25

Transportation Improvement Program will . . .

1. Implement the Long Range Plans
 - Highway/ Transit & Active Transportation Projects for the Region
2. Help Meet the Short Range Needs
 - Of the Wasatch Front Area
3. Provide for the Maintenance
 - Of the Existing Transportation System

TIP 20-25

Transportation Improvement Program Contains

- Lists of Projects
- Including;
 - New Construction
 - Rehab & Maintenance
 - Operations & Safety
 - Transit
 - Bike & Pedestrian

New Construction

West Davis Corridor



Including Sidewalks, Trails, Bike Facilities, Roadway and Traffic Adaptions

Rehab and Maintenance



Operations and Safety



zero
Fatalities

A Goal We Can All Live With

Everyone Buckle Up

ZeroFatalities.com

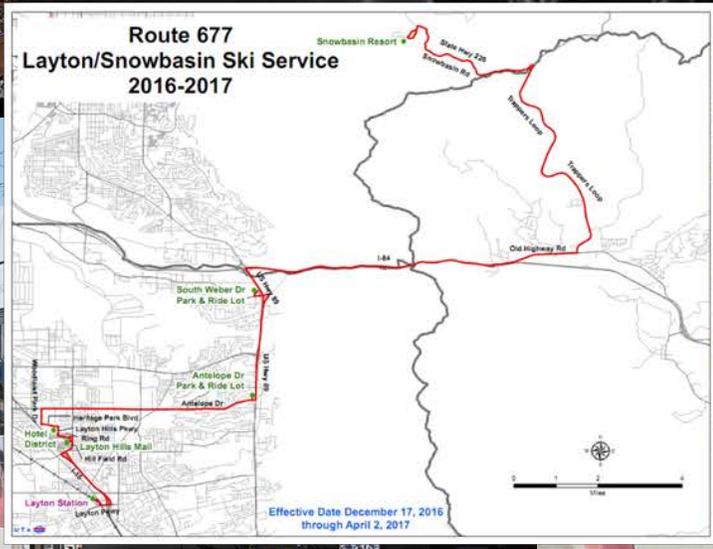
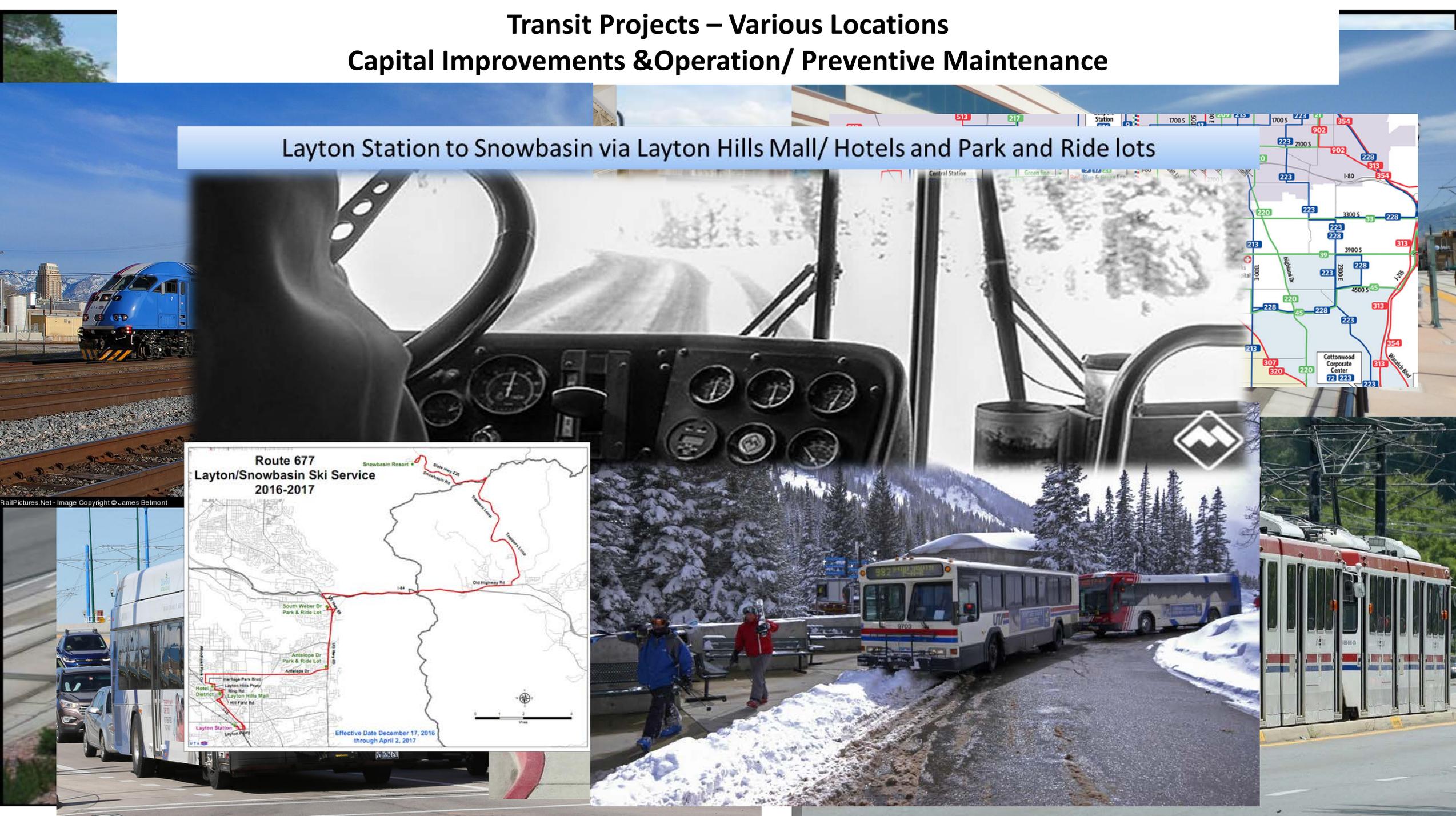
A UDOT & DPS Program



Transit Projects – Various Locations

Capital Improvements & Operation/ Preventive Maintenance

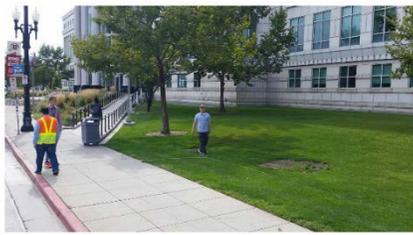
Layton Station to Snowbasin via Layton Hills Mall/ Hotels and Park and Ride lots



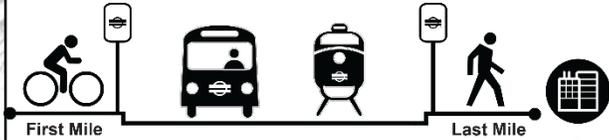
RailPictures.Net - Image Copyright © James Belmont

TIGER 8 First/ Last Mile Program

Build projects like, New Sidewalks, Bike Lanes, ADA Ramps, Ped/ Bike Bridges



First and Last Mile



Journey from Home To Work



Program will construct multiple First/ Last Mile type projects

Pedestrian and Bicycle Projects

Various Locations



Including Sidewalks, Trails, Bike Facilities, Roadway and Traffic Adaptions

TIP **20-25**

Projects in the TIP:

- **Represent \$ Millions**
- **Thousands of Jobs**
- **Economic Growth & Development**
- **Mobility/ Access**
- **Preservation of Life**
- **And Promote the Quality Of Life**

TIP **20-25**

Federal Law Requires:

- **Financially Constrained**
- **Conform To Air Quality**
- **Reviewed By the Public**
- **Approved by Regional Council**

2019

January						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
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20	21	22	23	24	25	26
27	28	29	30	31		

February						
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March						
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31						

April						
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28	29	30				

May						
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26	27	28	29	30	31	

June						
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30						

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August						
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September						
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October						
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27	28	29	30	31		

November						
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December						
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Find address or place

Filter list by map



Project Name	Count
200 S Multimodal Improvements, ...	0
200 S Multimodal Improvements, ...	1
Foothill/I-80/I-215 Interchange Are...	0
I-15; I-84 to SR-134	3
I-15; I-84 to SR-134	1
I-15; Layton Interchanges Public I...	0
I-15; Layton Interchanges Public I...	0
I-15, MT. DELLE TO LAMBS CANY...	3
I-15; Structure Replacement (MP ...	1
I-15; Structure Replacement (MP ...	2
I-80; Structure Replacement (MP ...	1
I-84; Hansel Valley to Blue Creek	0
Overhead Signs, I-80 & I-215 Repl...	0
SR-105 (Parrish Lane) & 1250 Wes...	2

**Draft 2020-2025 Transportation Improvement Program
Public Comment Interactive Map**

LEAVE A PROJECT COMMENT - To leave a project-specific comment, please click on a project line within the map or a project name within the project list (on the right). Next, click on the heart icon to "like" a project or the talk bubble icon to leave a comment. After providing the requested information, click the "Submit" button.

FILTER PROJECTS - Please note that when you zoom in and out of the map, the project list will filter accordingly. Additionally, if there are duplicative projects listed, it is typically indicative of multiple funding sources. Please click on any of the options to provide your project-specific comment.

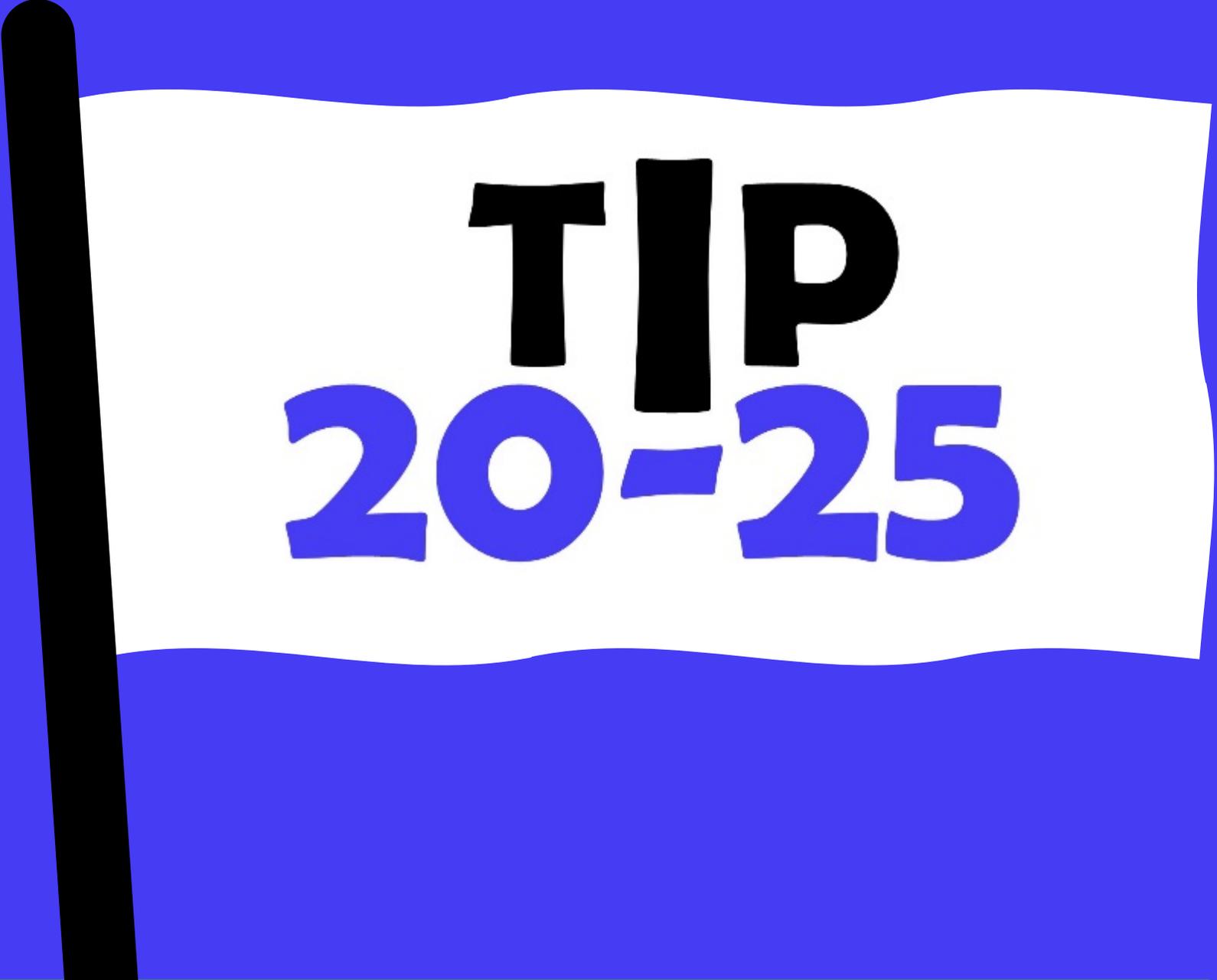
To provide a general comment that is not project-specific, please access the general comment form.

www.wfrc.org

The TIP provides a thoughtful and balanced approach that seeks to implement critical projects, including those identified in the WFRC Regional Transportation Plan. These projects help our local communities and our region meet the challenge of Utah's rapidly growing population while simultaneously promoting a strong economy, good air quality, and high quality of life.

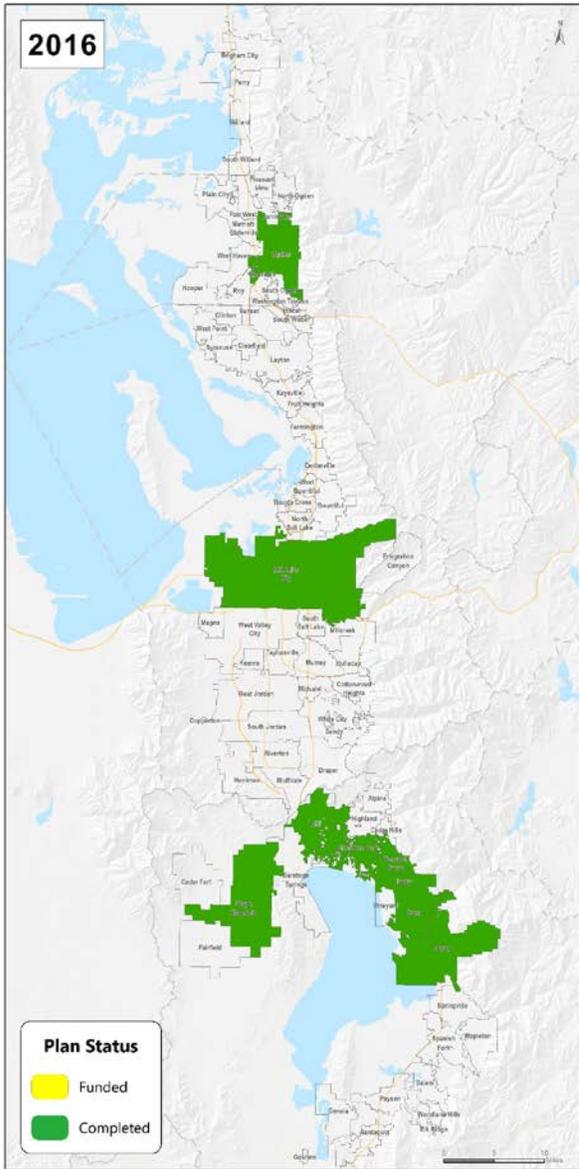
TIP Public Comments and Responses

Comment	Response
Several requests were made to increase or improve specific transit service or operations.	WFRC will work with UTA and local governments to ensure these requests are considered as transit improvements are evaluated. The ability to enhance transit service is contingent on the availability of funding.
Suggestions were given about the design of a few specific highway and transit projects.	These suggestions will be considered during the project development process as WFRC meets with project sponsors – local governments, UDOT, and/ or UTA.
There were several requests that bike lanes or paths be included in funded projects or as new, independent projects.	Progress is occurring in addressing the need for safe and effective transportation for cyclists in the region. WFRC will continue to work with local governments, transportation agencies, and other stakeholders to identify potential funding and facilitate solutions. This can include both existing and new projects.
A few commenters asked that more funding be spent on bicycle and transit improvements instead of on road widening or new construction.	The 2020-2025 TIP provides projects that include transportation investments across all modes of travel, including transit, biking, walking, and driving. These investments will help address concerns regarding air quality, mobility, and quality of life. The ability to make improvements is contingent on the availability of funding. A significant portion of the TIP funding is restricted for particular transportation modes.
Comments were made in favor of several specific highway and transit projects.	Thank you.
Double tracking of FrontRunner was requested by a few individuals.	WFRC understands the need to double track FrontRunner. This project is included in the adopted 2019-2050 Regional Transportation Plan, but funding has not yet been identified.

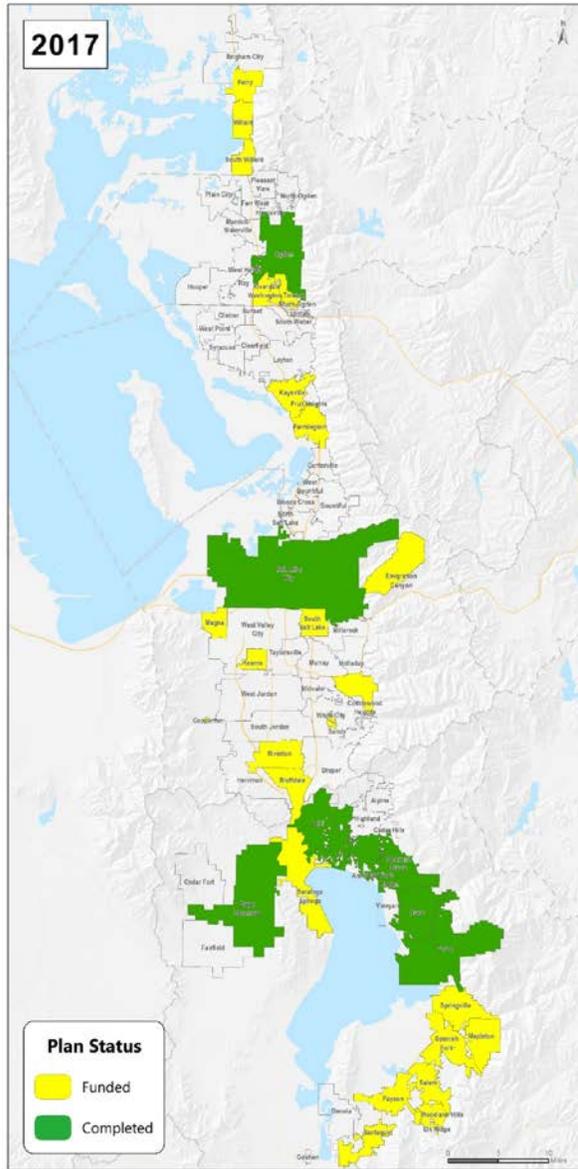
A white flag with a wavy top and bottom edge is attached to a black pole on the left. The flag features the word 'TIP' in large, bold, black capital letters, and the numbers '20-25' in large, bold, blue capital letters below it. The background is a solid blue color.

TIP
20-25

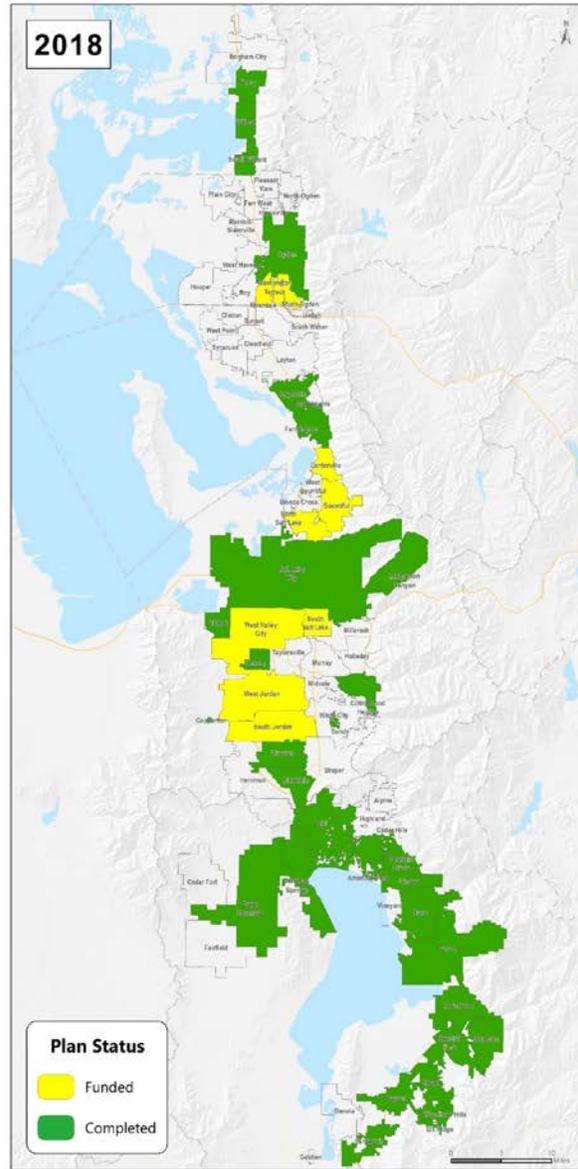
Wasatch Front Active Transportation Plans



Wasatch Front Active Transportation Plans



Wasatch Front Active Transportation Plans



Wasatch Front Active Transportation Plans

