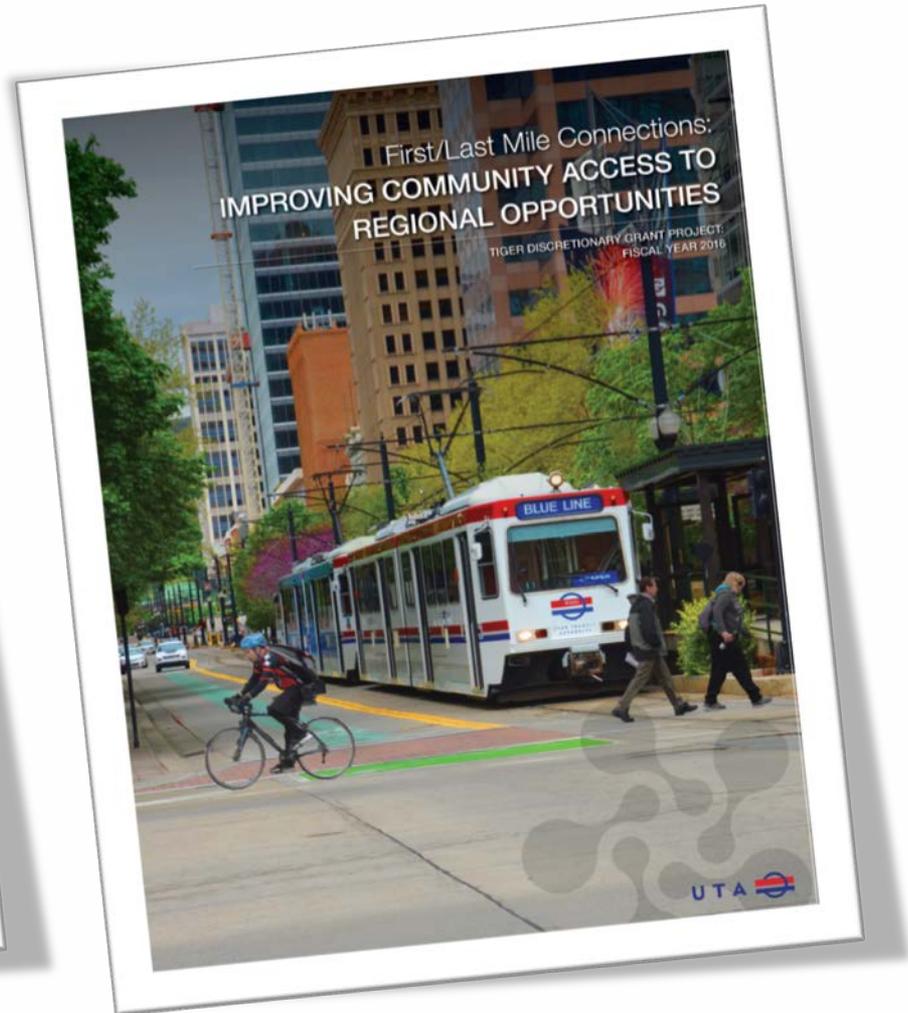
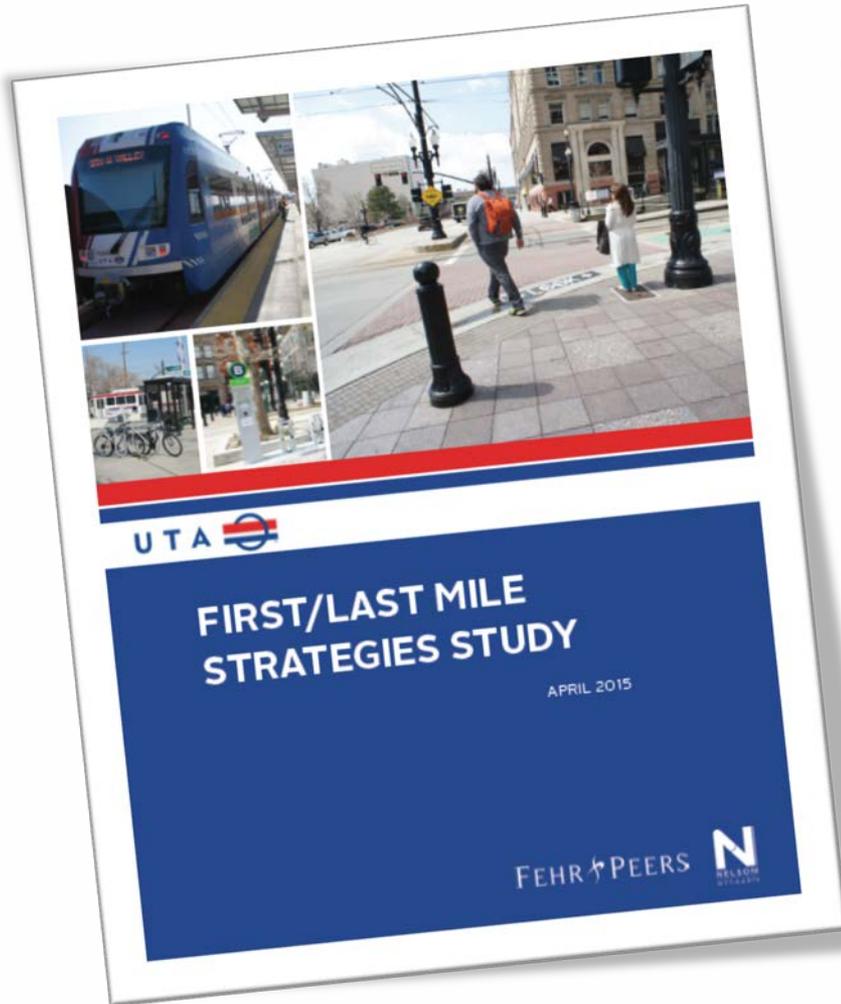


August 17, 2017



TIGER First/Last Mile Program – Trans Com

First/Last Mile Study – TIGER Application

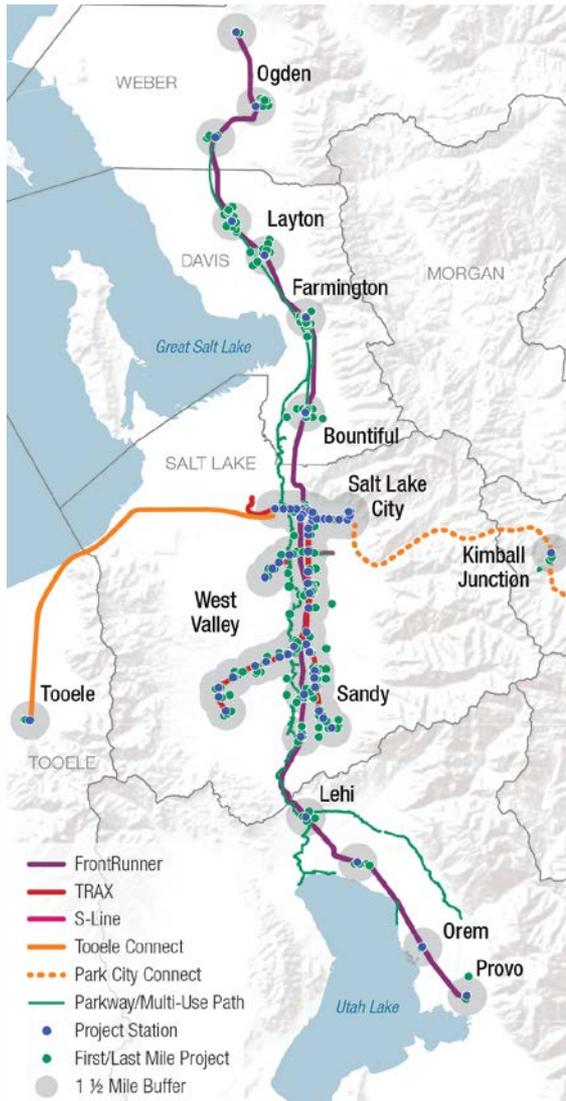


Nationally Recognized TIGER Award

- 585 Applications
- Project requests over \$9.3 Billion
- Available Funding: \$500 Million
- 2/3 of Applications - Not First-Time Submissions
- TIGER award 4% of Total Awarded Funds

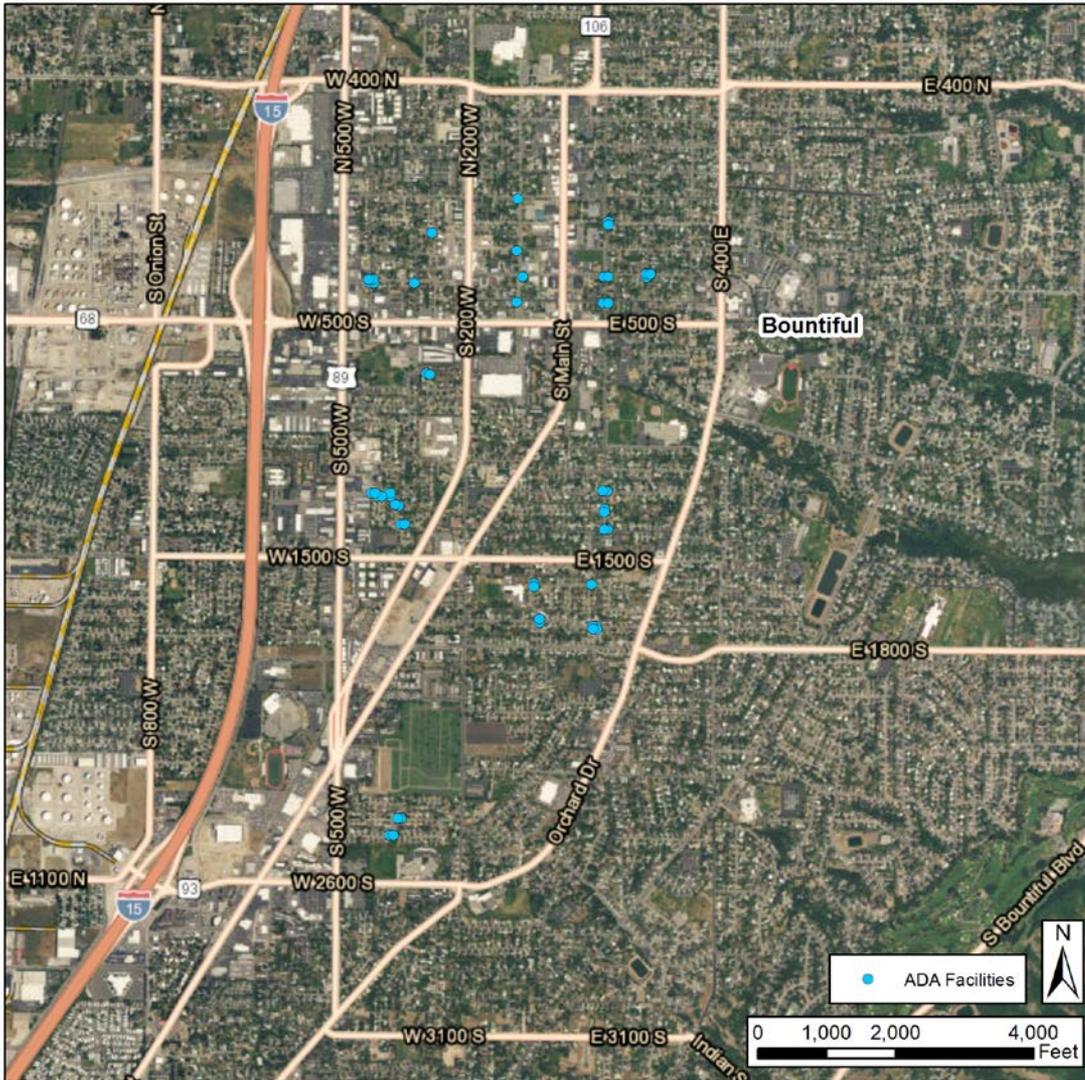


TIGER Funding and Projects



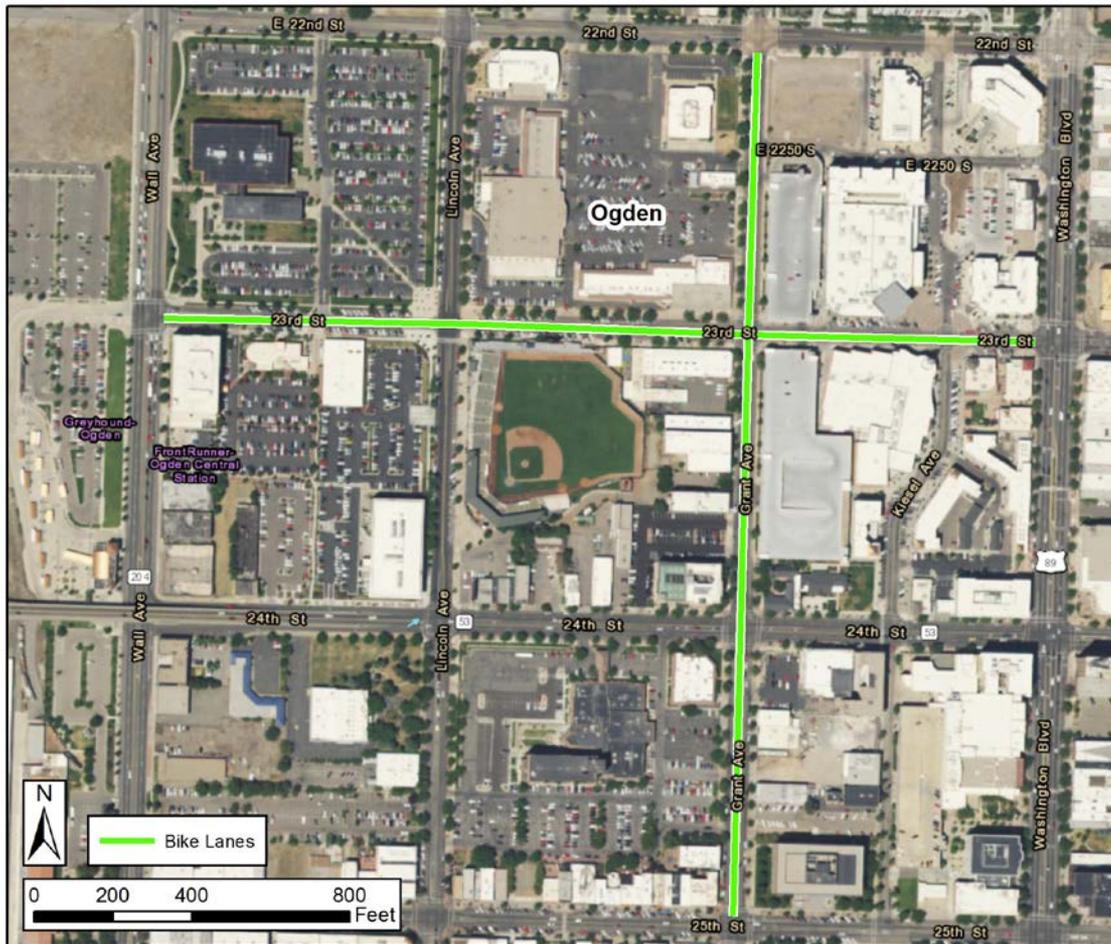
- \$20M TIGER Funds with \$16M Local Match
- Local top priority project funded
- 104 Active Transportation projects from Pleasant View to Provo and Tooele to Summit County
- \$80M funded over the next 5 years on STIP

Project Highlight – Bountiful City



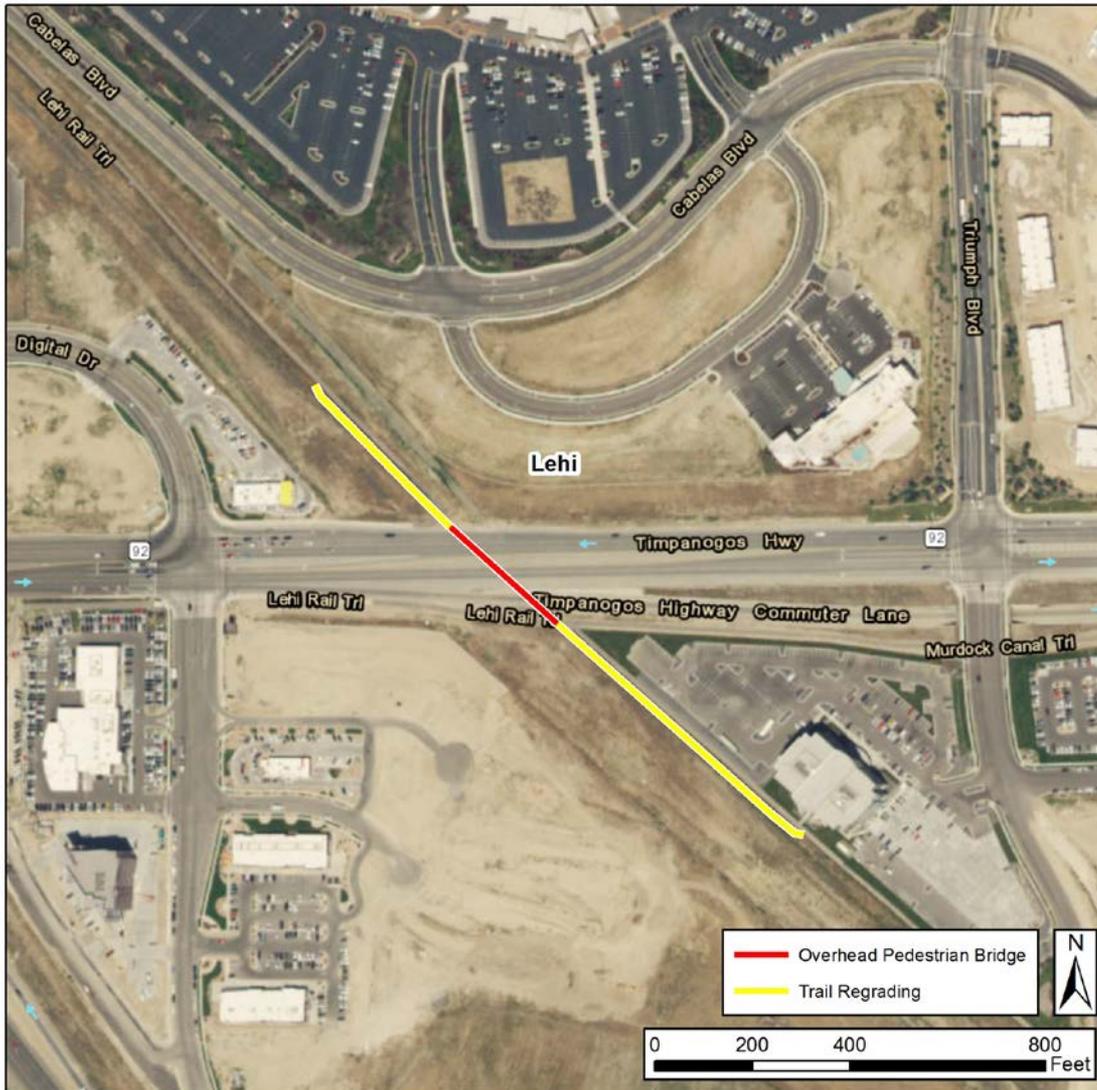
- ADA Curb Ramps (x50)
- Improves pedestrian safety

Project Highlight – Ogden City



- Bike Lane Improvements
- 23rd St. - Wall Ave to Washington Blvd
- Grant Ave Promenade - 25th St. to 22nd. St
- Increases bicycle access to transit hub

Project Highlight – Lehi City



- Overhead pedestrian bridge
- Connects Lehi Rail Trail north to south
- Improves connectivity and safety

August 17, 2017



TIGER First/Last Mile Program – Trans Com

2017-2022 TIP Board Modification

Trans Com
August 17, 2017

Ben Wuthrich
Wasatch Front Regional Council

2017-2022 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Additional Funding/ Project Scope

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 City & UTA	Sugar House Streetcar	13125	Sugar House Steetcar Double Track; 500 East to 600 East	Construct a Double Track	CMAQ_WFRC Congestion Mitigation\ Air Quality Urban Area Sal Lake\ West Valley (WFRC)	\$3,016,100	\$900,000	Combine Projects and Change Project Limits	CMAQ Funding Amount Programmed - Remains the Same (\$ 1,900,000)	2019-2020
Salt Lake	Salt Lake City & UTA	Sugar House Streetcar	14047	Sugar House Steetcar Double Track; 600 East to 700 East	Construct a Double Track	CMAQ_WFRC Congestion Mitigation\ Air Quality Urban Area Sal Lake\ West Valley (WFRC)	\$3,016,100	\$1,000,000			2020-2021
Salt Lake	UTA	Sugar House Streetcar	13125	Sugar House Steetcar Double Track - 300 East to 500 East	Construct a Double Track	CMAQ_WFRC Congestion Mitigation\ Air Quality Urban Area Sal Lake\ West Valley (WFRC)	\$3,016,100	\$900,000			2019-2020
Salt Lake	UTA	Sugar House Streetcar	13125	Sugar House Steetcar Double Track - 300 East to 500 East	Construct a Double Track	Salt Lake County	\$6,032,200	\$0	New Funding	\$4,000,000	2018

This project will double track the S-Line to enable the Sugar House Streetcars to pass each other, thereby improving the reliability and Streetcar frequency from 20 plus minute headways to 15 minutes. To maximize the service the track needs to be widened at the route mid point (300 East to 500 East), minimizing one car waiting for the other vehicle to pass at the current limited location. This project has been identified as a priority for Salt Lake City, Salt Lake County, South Salt Lake, and UTA. Salt Lake County has recently approved \$ 4 million to make up the short fall for this project to move forward.

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
Davis	UDOT	I-215	13737	I-215; 2100 North to I-15 Project	Roadway Reconstruction	NHPP_IM (National Highway Performance Program - Interstate Maintenance)	\$21,000,000	\$14,000,000	Additional Funding	\$7,000,000	2019
Davis	UDOT	SR-68	15155	SR-68; Salt Lake/ Davis County Line to 500 South	Pavement Rehabilitation (Purple Book)	NHPP_NHS (National Highway Performance Program - National Highway Systems)	\$3,300,000	\$3,300,000	Combine All Three Projects into the SR-68; I-215 to Center Street Proj (PIN 12674)	\$7,000,000	2018
Davis	UDOT	SR-68	12674	SR-68; I-215 to Center Street	Widen Structure over I-215 and widen Redwood Road	CMAQ_WFRC	\$19,072,616	\$1,072,616			2017
						NHPP_NHS	\$15,612,178	2018			
						NHS	\$128,436	2017			
						STP_FLX_ST	\$2,000,000	2017			
ST_RET_ROW	\$259,386	2017									

By combining the projects, the impact to the motoring public will be reduced, project mobilization and traffic control cost will be reduced and project construction coordination will enable the project to be completed in a shorter time frame. The additional funding will come from cost savings from the South Davis Operational Upgrades and De-obligation funds from project cost savings in Region Two. The total project cost estimate with the additional funding is \$43,372,616 million.

Sugar House Streetcar Double Track

Construct a Double Track

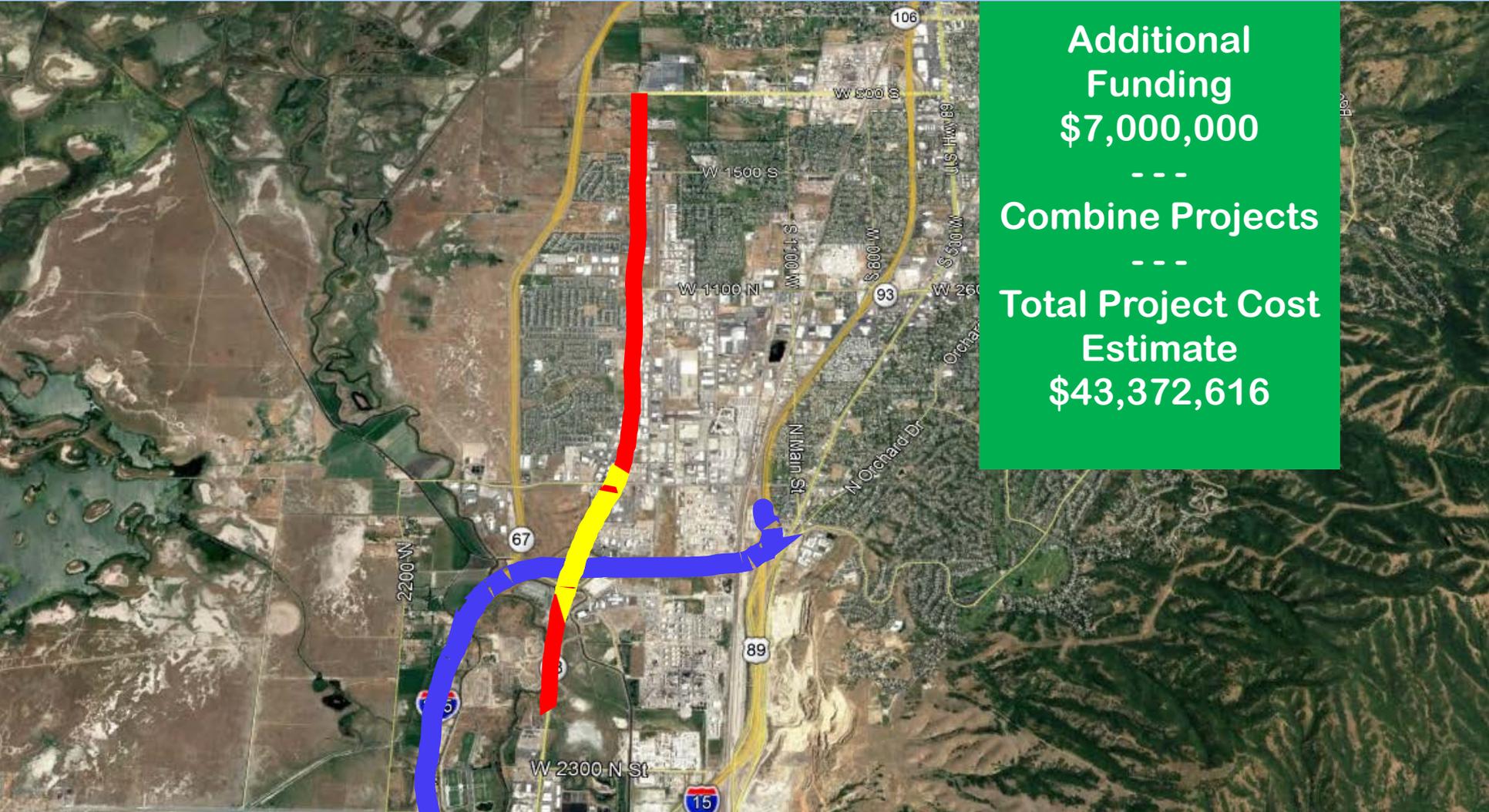
Sugar House Streetcar



Modification will combine projects, change project limits from 500 East/ 700 East to 300 East/ 500 East and add the additional Local Funding from Salt Lake County

SR-68; I-215 to Center Street Project

Widen SR-68 (Redwood Rd) & Reconstruct I-215



**Additional
Funding
\$7,000,000**

Combine Projects

**Total Project Cost
Estimate
\$43,372,616**

Project will Reconstruct I-215, Pavement Rehab on Redwood Road, and Widen Redwood over I-15 to Center Street

2017-2022 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Funding Swap/ Additional Funding

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
Weber	UDOT	SR-37	13037	4000 South (SR-37); 5100 West to Midland Dr. (SR-108)	Widen to 3 lanes from 5100 W to 4700 W and widen to 5 lanes from 4700 West to Midland Dr	LOCAL_GOVT	\$27,039,189	\$6,800,000	Funding Reduced	\$2,500,000	2017
						L_BETTERMENT		\$512,600			2017
						L_CORR-WEBER		\$10,663			2016
						STP_URB_O/L		\$7,070,034			2018
						ST_CONT_R1		\$230,226			2017
						ST_TIF		\$12,415,666	Additional Funding	\$2,500,000	2018

Region 1 request approval to replace \$2.5 million of Weber County funds with an equivalent amount of TIF funding on SR-37. Weber County committed \$6.8 million to this project which has an overall project value of \$27,039,189. The \$6.8 million came out of the Weber County Corridor Preservation and Local Option Sales Tax funds. As the project progressed through several design refinements, the project was able to minimize the amount of ROW needed for the project, which subsequently reduced the total ROW costs for the project. The overall project budget is balanced; however, due to the restrictions on the county's ROW and construction funds, there is a surplus of ROW funds and a deficit of construction funding. Additionally, Weber County does not have available funding to swap ROW for Construction. This leaves up to a \$2.5M deficit. Region One is proposing to make up the difference of this deficit by using \$2.5M of ST_TIF funds returned from the SR-193 improvements and up to \$2.5M in excess ROW funding will be returned to Weber County.

Statewide	UDOT	Various	SNAP	Student Neighborhood Access Program (SNAP)	Assist with presentations & resources for the Zero Fatalities Parent Night Program and the Student Neighborhood Access Program	Transportation Solutions Funds	\$300,000	\$0	New Funding	\$300,000	2017/18 School Year
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The Traffic and Safety Division is seeking approval to add \$300,000 in Transportation Solutions Funds for the Zero Fatalities Parent Night Program (\$245,000) and to fund additional presentations and resources to support the Student Neighborhood Access Program (SNAP) (\$55,000). The Zero Fatalities Parent Nights are a key component of the Zero Fatalities Program. Getting parents involved is so critical to a new driver's learning experience. They would like to implement this program in at least 80% of all Utah high schools - reaching at least 99 of all 124 schools for the 2017/18 school year. The Student Neighborhood Access Program (SNAP) is aimed at providing resources to educate elementary students about safe behaviors while using active transportation to and from school. This program also provides resources for school districts to plan safe routing for students.

New Project

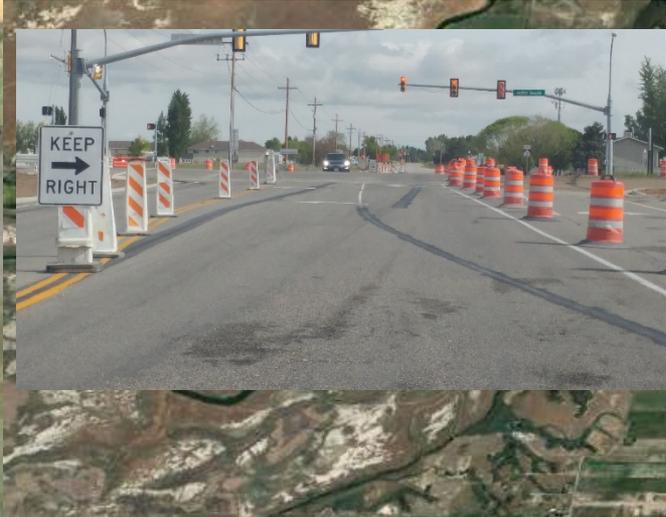
Salt Lake/ West Valley Urban Area

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	I-80	New	I-80 over the Surplus Canal MP116.4 (approx. 3000 West)	Bridge Deck Replacement	NHPP_BR (National Highway Performance Program Bridge On)	\$2,100,000	\$0	New Funding	\$2,100,000	2018

This bridge was originally funded in the Bridge Preservation Program. As the scope was further developed and refined it became evident that a deck replacement was the most beneficial treatment to extend the life of the bridge. Structures Division is requesting this project be funded as a 2018 project in the Rehabilitation and Replacement Program. Funding will come from unprogrammed bridge funds in FY2018.

4000 South (SR-37); 5100 West to Midland Dr. (SR-108)

Widen to 3 lanes from 5100 W to 4700 W and Widen to 5 lanes 4700 W to Midland Drive



Funding Swap
\$2,500,000 County
Corridor Preservation
Funds

State Transportation
Investment Funds

Total Project Cost
Estimate \$27,039,189



Board Modification will swap County Corridor Funds for State Construction Funds

Student Neighborhood Access Program

Promoting Parental Involvement with New Drivers

New Funding
\$300,000



BE SMART. BE SAFE.
A PARENT'S GUIDE TO SMART TEEN DRIVING



zero
Fatalities
A Goal We Can All Live With



Funding will Promote Zero Fatalities Parent Night Program and Educate students about safe Behaviors with Active Transportation

I-80 over the Surplus Canal (approx. 3000 West)

Bridge Deck Replacement



New Funding
\$2,100,000

Total Project Cost
Estimate
\$2,100,000



Project will Rehabilitate and Replace Section of I-80 over Canal

2017-2022 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
Weber, Davis, Salt Lake, Tooele, Utah and Summit	UTA	Various	New	TIGER 8 First/Last Mile Program	First/ Last Mile Improvements at or around UTA rail stations	TIGER (Transportation Investment Generating Economic Recovery) Program	\$20,000,000	\$0	<i>New Funding</i>	\$20,000,000	2016

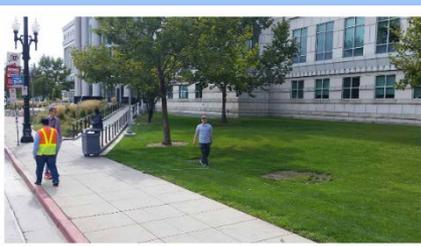
UTA and more than 30 cities and counties, non-profit groups and state and local organizations worked closely together to secure the Transportation Investment Generating Economic Recovery (TIGER) grant funding. Because of these efforts, the U.S. Department of Transportation has awarded the region a \$20 million grant that will be used, along with matching funds, to build projects like new sidewalks, bike lanes, ADA ramps and bike and pedestrian bridges, as well as expand bike sharing programs, to allow people to more easily reach transit.

Weber, Davis, Salt Lake, and Utah	UTA	Various	New	UTA's FrontRunner	Enhanced Automated Train Control System (E-ATC) PTC	Fixing America's Surface Transportation (FAST) Act (Section 3028)	\$33,800,000	\$30,280,000	<i>New Funding</i>	\$3,520,000	2018
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Project will design and test a two-step No-Code Proceed system to assure the safe operation of UTA's FrontRunner Enhanced Automated Train Control (E-ATC) PTC (Positive Train Control) system on its two mainline track segments from Provo to Pleasant View. The system will prevent a single point of failure for any movement of a train through a work zone or malfunctioning grade crossing when the system has imposed a positive stop. The project also includes onboard modifications to the locomotive's vital software required to ensure that E-ATC functions on UTA's upgraded system, integration testing, and a locomotive operator simulator. The local match and the remaining project amount for the PTC implementation will be funded by UTA local dollars.

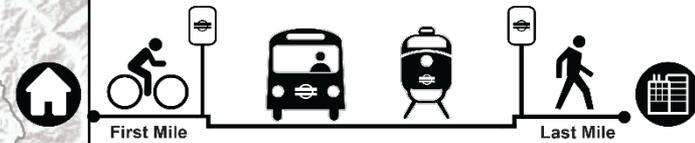
TIGER 8 First/ Last Mile Program

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



New Funding
\$20,000,000

First and Last Mile



Journey from Home To Work



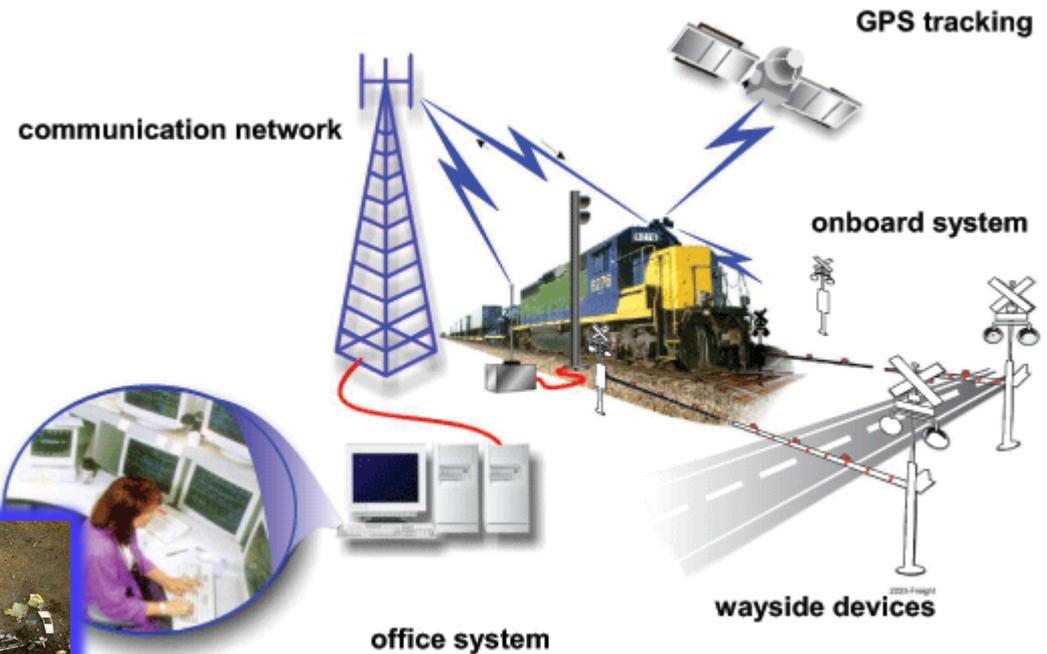
Program will construct multiple First/ Last Mile type projects

Enhanced Automated Train Control

Implementation of Positive Train Control (PTC) System

New Funding
\$3,520,000

Total Project Cost
Estimate
\$33,800,000



System will prevent a single point of failure for any movement of a train through a work zone or malfunctioning grade crossing when the system has imposed a positive stop



Provo Central Orem Central American Fork Lehi Draper South Jordan Murray Central Salt Lake Central North Temple Woods Cross Farmington Layton Clearfield Roy Ogden Pleasant View



2017-2022 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

New Projects (FY 2018 Recreational Trails Program)

The federal Recreational Trails Program (RTP) 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 2018 Program, Utah has 54 projects totaling \$2,256,134 in Federal Aid Funds and \$7,987,829 of Sponsors Matching Funds for a total of \$10,513,963 in New Project Value (16 projects totaling \$2,747,145 in the WFRC Area.)

WFRC Area					
Sponsor	Concept/ Type of Improvement/ Location			Funding Amount	Total Project Value
Non-Motorized					
Friends of Wasatch Mt. State Park	Wild Aware Utah Program (\$1,257 RTP requested, non-motorized): Recipient parks will each receive two signs to be placed on existing kiosks or near a trailhead on a metal pole. These parks include: Rockport State Park, Wasatch Mountain State Park (would like 14 signs), Gooseneck State Park, Antelope Island State Park, and East Canyon State Park.			\$1,257	\$2,710
Salt Lake County	Fujilyte Parcels BST (\$85,000 RTP requested, non-motorized): Purchase two parcels of land that the IRS is auctioning free of interests and liens. These pieces of land are located between I-80 and Millcreek Canyon Road allowing residents opportunity for exercise, recreation, and will assure that the land is not developed.			\$85,000	\$212,000
Salt Lake County Parks & Recreation	Cardiff Fork Trail (\$75,000 RTP requested, non-motorized): Part of the re-alignment/extension of the trail to Donut Falls from the Cardiff Fork Trailhead. The proposed trail will move hiking traffic off Cardiff Road onto a shared trail that parallels the road. An 8' wide boardwalk will cross 350' of wetland to connect the re-aligned position of the Donut Falls trail.			\$75,000	\$382,600
Salt Lake City Department of Public Utilities	Mormon Pioneer Trail Restoration (\$55,665 RTP requested, non-motorized): Reroute several sections of trail to more sustainable grades, regrade existing trail to enhance drainage while reducing annual maintenance.			\$55,665	\$111,385
City of Cottonwood Heights	Big Cottonwood Canyon Connector Trail (\$45,000 RTP requested, non-motorized): Construct 560 linear feet of a 10' wide trail connecting the Fort Union Park and Ride with the Big Cottonwood Canyon Trail at the Wasatch Blvd./Fort Union Intersection.			\$45,000	\$107,000
Salt Lake Ranger District (UWC-USDA)	Uinta-Wasatch-Cache NF (\$18,516 RTP requested, non-motorized): Conservation education will focus on Leave-No-Trace ethics, watershed protection, general trail education and information, wilderness education, and local history.			\$18,516	\$112,298

WFRC Area					
Sponsor	Concept/ Type of Improvement/ Location			Funding Amount	Total Project Value
Motorized					
Utah Snowmobile Association	Economic Impact Study for Snowmobiling in Utah: Up-to-date impact study that would include current statistics and independent and credible economic impact studies.			\$10,000	\$20,000
Utah Division of Parks & Recreation - OHV Program	OHV Volunteer Service Project Trail Tools: Service project tools in the construction of kiosks, restrooms, and cattle guards in addition to general trail maintenance.			\$151,906	\$303,812

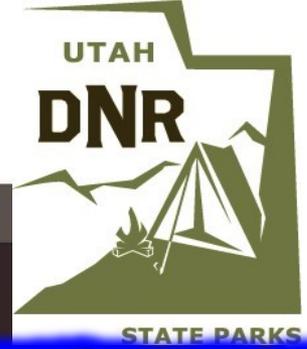
2017-2022 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

New Projects (FY 2018 Recreational Trails Program) - *Continued*

WFRC Area						
Sponsor	Concept/ Type of Improvement/ Location				Funding Amount	Total Project Value
Motorized - <i>Continued</i>						
Utah Division of Parks & Recreation - OHV Program	Utah Trail Host/OHV Volunteer Specialist: Increase amount of Trail Host sponsored projects, monitor efforts, and education/outreach opportunities that occur in public land statewide.				\$80,000	\$212,200
Utah Division of Parks & Recreation - OHV Program	Snowcat Purchase: Replace snowcat that will allow OHV Program to groom snowmobiles trails for the 18 recognized across the state.				\$88,000	\$176,000
Forest Service Utah Avalanche Center	Saving Lives with Avalanche Education: Providing life-saving and time-critical avalanche information and forecasts, formal education and training in communities as well as at trailheads, gas stations, and in the field.				\$46,000	\$128,000
Friends of the Utah Avalanche Center	Know Before You Go Avalanche Awareness and Education: Revise KBYG avalanche awareness video. Create a series of 10-15 per season, short videos for release throughout the winter featuring well known riders sharing helpful tips about potential dangers. Reach out through venues to riders that have not recieved much avalanche awareness as well as showing videos at family-oriented venues. Give away promotional logo items with avalanche awareness.				\$30,000	\$86,500
Uinta-Wasatch-Cache National Forest (UWC)	Maintenance of OHV/Single Track Routes: General maintenance on 110 miles of OHV/ATV trails and 227 miles of single track trails, as well as heavy maintenance focusing on tread work to improve tread prism (width, flow, and drainage) of specific trails in need.				\$78,500	\$163,900
Utah Division of Parks & Recreation - OHV Program	Snowmobile Trail Grooming, Maintenance and Trailhead Snow Removal: Provide snowmobile trail grooming, maintenance, signage, and trailhead snow removal. Replace and/or repair trail blazers, markers, t-posts, and clearing trails.				\$230,000	\$460,000
Tread Lightly!	Ride on Utah: Coordinate 6-8 meetings to assess highest priority maintenance projects, bi-monthly clean up projects, Tread training, maintain website, digital advertisement, and create "How To" videos that emphasize ethics and safety.				\$68,877	\$208,740
Ride with Respect	Moab-Area Tools, Trails, and Trail Patrol: Specialized tools and trailers to work safely, efficiently, and effectively.				\$30,000	\$60,000

Recreational Trails Program



RESOURCES

SEARCH



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

2018 - \$2,256,134, 54 projects

Totaling \$10,513,963

16 Projects totaling \$2,747,145

In the WFRC Area





T



P



Transportation Improvement Program is . . .

1. Six Year Program of Highway & Transit
 - 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



Transportation Improvement Program will . . .

1. Implement the Long Range Plans
 - Highway/ Transit 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

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
DRAFT - 2018-2023 PROJECTS

For the

WASATCH FRONT REGIONAL COUNCIL (WFRC) AREA

Including a separate listing of the following programs

Urban Surface Transportation Program (STP),
 Congestion Mitigation/ Air Quality Program (CMAQ),
 Transportation Alternatives Program (TAP)

Other Federal Highway Administration Funds	Federal Transit Administration Funds	State Funds
National Highway Performance Interstate Maintenance (IM)	<u>Sec. 5303</u> – MPO & Statewide Planning	
National Highway System (NHS)	<u>Sec. 5307</u> – Urbanized Area Formula	
Bridge On State System	<u>Sec. 5309</u> – Capital Investment Program – New Starts	State Construction
Bridge Replacement Off System – Local	<u>Sec. 5309</u> – Capital Investment Program – Bus	Centennial Highway Funds
Off System – Optional Minimum Guarantee	<u>Sec. 5309</u> – Capital Investment –Fixed Guide-way Modernization	Critical Highway Need Funds
Highway Safety Improvement Safety Any Area	<u>Sec. 5310</u> – Elderly Persons and Persons with Disabilities	Highway Construction - Program
Rail/ Highway Crossing – Hazard Elimination	<u>Sec. 5320</u> – Transit in Parks Program	State General Funds
Recreational Trails Program	<u>Sec. 5337</u> – State of Good Repair	State Traffic Corridor - Preservation
Safe Routes to School	<u>Sec. 5339</u> – Buses and Bus Facilities	Transportation Investment - Fund (TIF)
STP - Any Area Statewide		
TIGER Discretionary Funds		
Other Federal Funds		

Section includes;

- Glossary of Federal Funding Types
- Projects included in the Draft 2018-2023 Transportation Improvement Program (TIP)
 - Urban Surface Transportation Program (STP) Projects
 - Congestion Mitigation/ Air Quality Program (CMAQ) Projects
 - Transportation Alternatives Program (TAP) Projects
 - Other Federal-Aid Funded and State Funded Projects
 - Transit Funded Projects



Transportation Improvement Program Contains

- **Lists of Projects**
- **Including;**
 - **New Construction**
 - **Rehab & Maintenance**
 - **Safety/ ITS**
 - **Transit, O & M**
 - **Pedestrian & Bike**

TIP Projects in the TIP:



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



Federal Law

Requires:

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



**Federal Programs Administered by WFRC
(STP, CMAQ, and TAP)
Funds for the WFRC Area FY2018 - FY2023**

Table 4.1 SALT LAKE/WEST VALLEY AREA Surface Transportation Program

	2018	2019	2020	2021	2022	2023
Apportioned STP Funds	18,590,000	19,240,000	19,240,000	19,240,000		
Available STP Funds	20,744,400	22,778,600	27,579,400	29,840,600		
Scheduled STP Funds	17,205,800	14,439,200	16,978,800	21,437,000		
Balance of Funds	3,538,600	8,339,400	10,600,600	8,403,600		
Local Match Funds	1,249,400	1,048,500	1,332,900	1,500,000		
Total Program Funds	18,455,300	15,487,700	18,211,700	22,937,000		

**Transit Funding
Programmed within the WFRC Area
FY2018 - FY2023**

Planning Fund	Prior Obligation	TOTAL 2018	TOTAL 2019	TOTAL 2020	TOTAL 2021	TOTAL 2022	TOTAL 2023
FTA Section 5307 SLJ/WV	\$ 24,940,475.00	\$ 26,480,456.00	\$ 27,033,643.00	\$ 27,598,312.00	\$ 27,598,312.00	\$ 27,598,312.00	\$ 27,598,312.00
FTA Section 5307 O/L	\$ 12,403,189.00	\$ 12,822,381.00	\$ 13,090,248.00	\$ 13,363,670.00	\$ 13,363,670.00	\$ 13,363,670.00	\$ 13,363,670.00
FTA 5307 SLJ/WV Related Locality Funds/ Transit Enhancements	\$ 374,689.40	\$ 529,809.56	\$ 540,872.43	\$ 551,965.12	\$ 551,965.12	\$ 551,965.12	\$ 551,965.12
FTA 5307 O/L Related Locality Funds/ Transit Enhancements	\$ 249,316.69	\$ 256,447.81	\$ 261,804.46	\$ 267,273.70	\$ 267,273.70	\$ 267,273.70	\$ 267,273.70
FTA Section 5337 State of Good Repair	\$ 13,091,336.00	\$ 13,317,889.00	\$ 13,380,506.00	\$ 13,443,123.00	\$ 13,443,123.00	\$ 13,443,123.00	\$ 13,443,123.00
FTA Section 5339 Bus and Bus Facilities	\$ 2,283,439.00	\$ 1,035,156.00	\$ 1,055,860.00	\$ 1,076,977.00	\$ 1,076,977.00	\$ 1,076,977.00	\$ 1,076,977.00
FTA Section 5310 Sp. Needs - Elderly w/Disabilities	\$ 7,328,608.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00
Capital Investment Program Discretionary Grants	\$ 7,328,608.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00	\$ 10,000,000.00
Capital Investment Program Local Funds	\$ 60,671,053.12	\$ 61,710,478.37	\$ 62,385,160.89	\$ 63,059,843.41	\$ 63,059,843.41	\$ 63,059,843.41	\$ 63,059,843.41
Total							

**Other Federal Funding
Programmed within the WFRC Area
FY2018 - FY2023**

Planning Fund	Prior Obligation	TOTAL 2018	TOTAL 2019	TOTAL 2020	TOTAL 2021	TOTAL 2022	TOTAL 2023
STP OFF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
STP	\$ 167,397.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CMAQ	\$ 91,204.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CMAQ 2042 S	\$ 12,487,593.08	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EMARKET	\$ 2,388,380.00	\$ 3,484,046.48	\$ -	\$ -	\$ -	\$ -	\$ -
EQ_BONUS/MS	\$ 5,897,470.31	\$ 5,812,392.00	\$ 7,861,798.00	\$ 9,309,019.00	\$ -	\$ -	\$ -
FTA 5339_BD	\$ 2,925,252.78	\$ 3,116,810.88	\$ -	\$ -	\$ -	\$ -	\$ -
PTAC_C339	\$ 968,887.50	\$ 129,796.42	\$ 277,350.00	\$ -	\$ -	\$ -	\$ -
TRIP	\$ -	\$ 12,800,000.00	\$ -	\$ -	\$ -	\$ -	\$ -
TRM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRT/MENTERM	\$ 17,680,167.28	\$ 11,541,287.00	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 42,838,134.99	\$ 24,775,483.48	\$ 13,743,146.40	\$ 18,708,038.00	\$ 93,000,000.00	\$ 93,000,000.00	\$ 93,000,000.00

Air Quality Memorandum

REPORT NO. 36a [DRAFT]

DATE June 2, 2017

SUBJECT CONFORMITY ANALYSIS FOR THE WFRC 2018-2023 TRANSPORTATION IMPROVEMENT PROGRAM.

ABSTRACT The Fixing America's Surface Transportation (FAST) Act and the Clean Air Act Amendments (CAAA) require that all regionally significant highway and transit projects in air quality non-attainment and maintenance areas be derived from a "conforming" Regional Transportation Plan and Transportation Improvement Program. A conforming Plan or Program is one that has been analyzed for emissions of controlled air pollutants and found to be within the emission limits established in the State Implementation Plan (SIP) or within guidelines established by the Environmental Protection Agency (EPA) until such time that a SIP is approved. This conformity analysis is made by the Wasatch Front Regional Council (WFRC), as the Metropolitan Planning Organization for the region, and submitted to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) for their concurrence. This conformity analysis is being prepared according to the transportation conformity rulemakings promulgated by the Environmental Protection Agency (EPA) as of March 2010 and according to FHWA guidelines found in the FAST Act legislation.

Section 93.122(g)(1) of the Transportation Conformity Rule (40 CFR part 93) states that a new TIP may be demonstrated to conform "... without new regional emissions analysis if the previous regional emissions analysis also applies to the ... TIP." Section 93.122 includes the following four conditions. First, the TIP must include all projects that must be started within the TIP time frame in order to achieve the transportation network envisioned in the plan. Second, all regionally significant projects in the TIP must be included in the regional emissions analysis. Third, the design concept and scope for TIP projects must not have changed significantly from the plan. And fourth, the previous regional emissions analysis is consistent with all conformity requirements. As discussed below, the WFRC 2018-2023 TIP meets the conditions of CFR 93.122(g)(1) and therefore conforms to the State Implementation Plan and the EPA guidelines for interim conformity for all applicable non-attainment and maintenance areas and pollutants. Therefore, all the transportation projects in Box Elder, Weber, Davis, Salt Lake and Tooele Counties included in the 2018-2023 TIP are found to conform.

Wasatch Front Regional Council
295 North Jimmy Doolittle Road
Salt Lake City, Utah 84116

2017



WFRC TIP PUBLIC COMMENT PERIOD SUMMARY REPORT

Public Comment Period: July 1, 2017 - August 5, 2017

Wasatch Front Regional Council (WFRC) updates the Transportation Improvement Program (TIP) every year in close collaboration with the Utah Department of Transportation, Utah Transit Authority, and cities and counties across the region. WFRC leveraged a variety of innovative communication tools to augment the opportunity for the public to be meaningfully engaged in providing comment on the draft 2018-2023 TIP. The public responded with an unprecedented amount of feedback.

SOCIAL MEDIA

Our Facebook and Instagram ads:

- Reached 15,455 people
- Generated 32,899 impressions
- Generated 5,377 reactions, 19 comments, 28 shares, and 186 link clicks

OUR TWITTER ADS GENERATED:

- 53,879 impressions
- 3,688 engagements

OUR ORGANIC POSTS:

- Reached 7,026 people
- Generated 183 reactions, 30 comments, 23 shares, and 392 link clicks
- Generated 795 video views (live videos of TIP open houses)



WFRC Facebook Ads



TIP Interactive Map

WEBSITE

- 4,231 web visits
- 945 page views
- 1,633 map views

MEDIA COVERAGE

The Draft 2018-2023 TIP garnered media coverage (seven news articles) in various media outlets including the Salt Lake Tribune, Deseret News, and more.



Draft 2018-2023 TIP Media Coverage



TIP Open House

OPEN HOUSES

WFRC held two open houses on Tuesday, July 18, 2017, and Thursday, July 20, 2017, at Ogden Intermodal Center and Salt Lake Central Station respectively. WFRC interacted with a total of 80 people during these open houses.

EMAIL NEWSLETTER

An email newsletter with a focus on the Draft 2018-2023 TIP distributed to a list of 3,000 people.



WFRC Email Newsletter

PARTNER CONTENT

WFRC provided website, newsletter and social content to all the cities and counties (Box Elder, Davis, Morgan, Salt Lake, Tooele and Weber) in the Wasatch Front region.

RESULT

WFRC received over 300 public comments via the online interactive map, social media, email and in-person.





WASATCH FRONT REGIONAL COUNCIL

[Home](#)[About WFRC](#)[RTP](#)[Plans](#)[Programs](#)[Studies](#)[Committees](#)[Publications](#)[Resources](#)[Contact Us](#)

Home

www.wfrc.org

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.

Community Assistance from the
National Park Service

**CONSERVATION & OUTDOOR RECREATION
COMMUNITY ASSISTANCE**

[WASATCH CHOICE 2050 SCENARIOS](#)[INTERACTIVE MAP GALLERY](#)

MAJOR PLANS, PROGRAMS, PUBLICATIONS & NEWS

REGIONAL TRANSPORTATION PLAN

2015-2040

REGIONAL TRANSPORTATION PLAN

A PLAN THAT PROVIDES A CRITICAL BLUEPRINT FOR THE FUTURE OF TRANSPORTATION IN OUR LOCAL COMMUNITIES AND ACROSS THE REGION



TRANSPORTATION IMPROVEMENT PROGRAM

THE REGION'S PLAN FOR FUNDING TRANSPORTATION IMPROVEMENTS OVER THE NEXT 6 YEARS



TRANSPORTATION AND LAND USE CONNECTION

TRANSPORTATION AND LAND USE CONNECTION

IN PARTNERSHIP WITH SALT LAKE COUNTY AND OTHERS, ASSISTS LOCAL GOVERNMENTS TO DESIGN AND CREATE GREAT COMMUNITIES



FUNDING PROGRAMS

FISCAL YEAR 2018



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: Assist in developing viable urban communities by providing decent housing and a suitable living environment, principally for persons of low and moderate income.

Eligibility: Morgan, Tooele, and Weber Counties

Community Development Block Grant (CDBG) Program

HOUSING and COMMUNITY DEVELOPMENT

Rental Assistance
Housing Authority \$33,000



Sewer Line Replacement
Washington Terrace City \$200,000



Public Safety Equipment
Uintah City Fire Department \$31,000



Public Infrastructure
Waterline Replacement \$200,000





TRANSPORTATION

AND

LAND USE CONNECTION



Program Objectives

- Coordinate land use and regional transportation
- Support local governments
- Implement Wasatch Choice
 - Reduce travel demand
 - Increase access to opportunity



Project Type Examples

PLANS



POLICIES

City Center & 40th Street Corridor
Form-Based Code
South Ogden City
August 2015 - DRAFT



What are Complete Streets?



Safe Comfortable Convenient



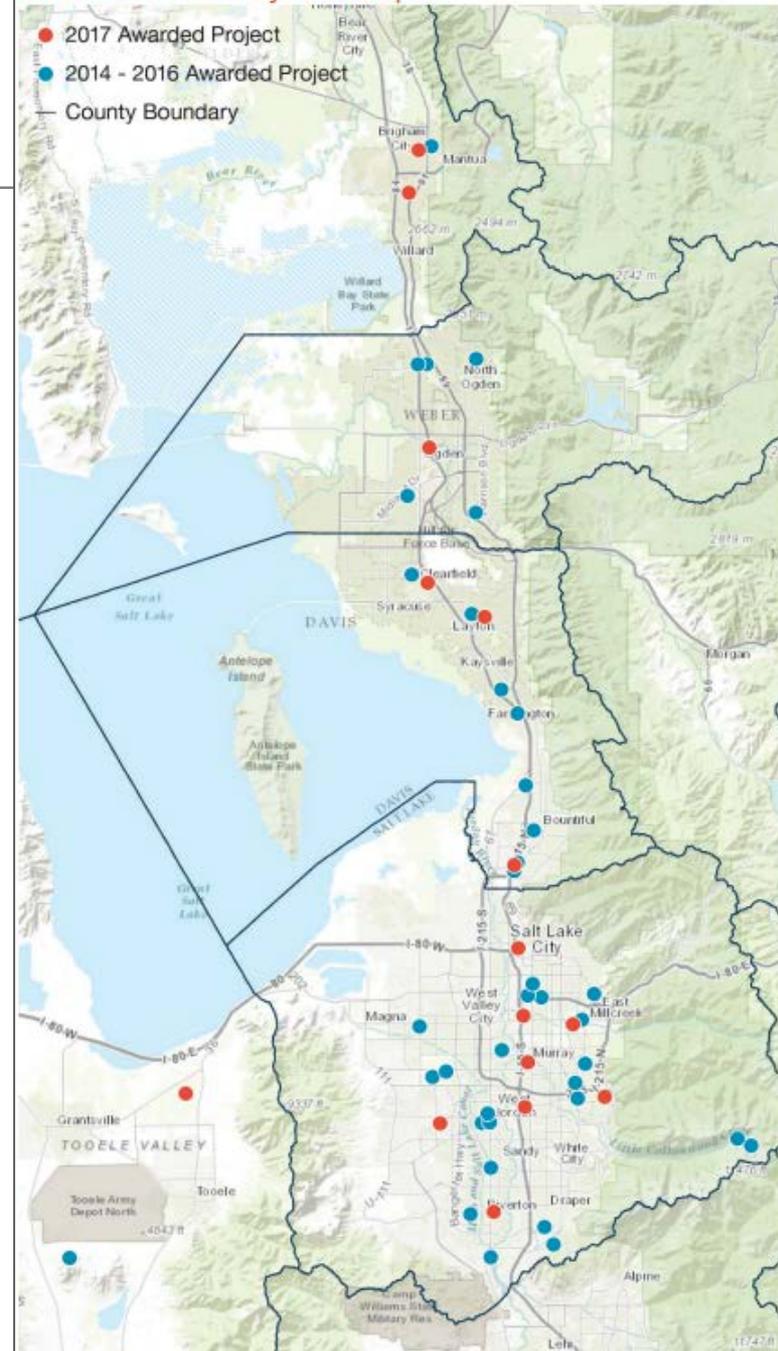
CORRIDOR / ACTIVE TRANSPORTATION



More Information

Website: <http://wfrc.org/tlc>

2014 - 2017 Project Map





**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



Urban Area – Signal Interconnect Facilities and Equipment





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
2017**



**September
2017**



**October
2017**



**January
2018**



**Spring
2018**

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



Coordinated Mobility Management

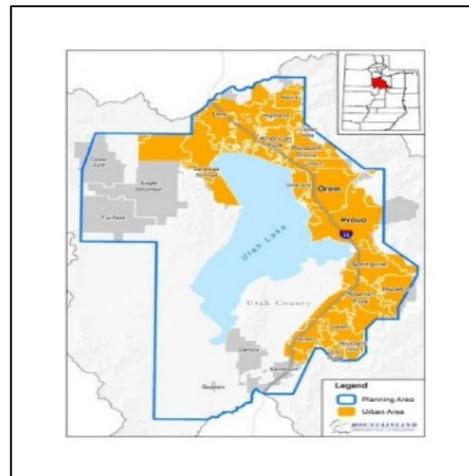
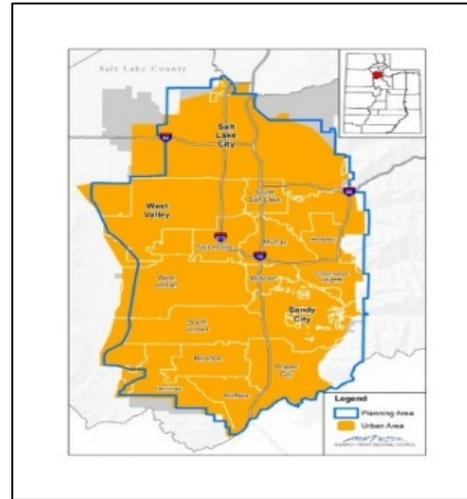
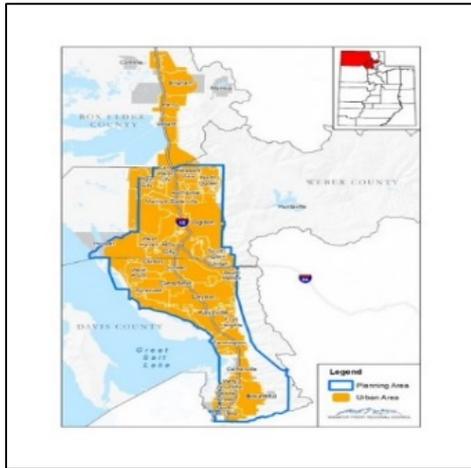
UTA Coordinated Mobility Management



UTA - 5310 Designated Recipient for UZAs



5310 Urbanized Areas of Utah



5310 funds are apportioned among the States by a formula which is based on the number of elderly and persons with disabilities in each State according to the latest available U.S. census data.

FTA Section 5310 Grant Program



Enhanced Mobility of Seniors and Individuals with Disabilities



Grants for vehicles and operating assistance

UtahRideLink.com

Veterans Transportation and Living Initiative Grant



A screenshot of a web browser displaying the UtahRideLink.com website. The browser's address bar shows the URL https://www.utahridelink.com/#1/. The website header includes the UtahRideLink logo with the tagline 'Trip Planner', and navigation links for 'English', 'Welcome Visitor Guest', 'My Trips', 'Log in', and 'Sign up'. The main content area features a large search form titled 'Find Your Ride'. The form has three input fields: 'Starting Address', 'Destination Address', and 'Arrive by'. The 'Arrive by' field is set to 'Aug 17, 2017' at '12:19 PM'. Below the input fields is an orange 'OK' button. The background of the website is a scenic view of a city with mountains, overlaid with various orange icons representing different transportation modes like a bus, wheelchair, taxi, and group of people.

UtahRideLink.com

Veterans Transportation and Living Initiative Grant



1 Click x

Secure | https://www.utahridelink.com/#/rides

Apps | Explore | Google | Why I Think About | Transit Connect Adap | Cruises | Carnival Cru | CareHere! | Patient-C | Google Flights | FindMyRidePA | Other bookmark

4825 South Bonair Street, Hollad:
2100 State Street, South Salt Lak

Arrive by
Aug 17, 2017 01 : 19 PM

Expand Your Results

- I have a developmental disability
- I have a physical disability
- I require a wheelchair
- I use a folding wheelchair
- I use a motorized wheelchair
- I need assistance getting to the front door
- I need door through door service
- I require assistance from the driver
- I require a wheelchair lift

Purpose: All

Sort by: Fare

Preferred Modes

- Bike
- Drive
- Paratransit

Utah Transit Authority Save to My Trips

12:24 PM To 1:13 PM
49 minutes Travel Time, 7 minutes walking [show more](#)

Utah Transit Authority Save to My Trips

12:09 PM To 12:58 PM
49 minutes Travel Time, 7 minutes walking [show more](#)

Bike Save to My Trips

12:41 PM To 1:19 PM
38 minutes Travel Time, 0 minutes walking [show more](#)

Drive Save to My Trips

12:59 PM To 1:19 PM
20 minutes Travel Time, 0 minutes walking [show more](#)

Walk Save to My Trips

Cambridge Systematic

Utah Valley Rides



Volunteer Driver Based Service

United Way of Utah County, MAG, UTA partnership



Volunteer Driver Reimbursement Pilot



Weber and Davis Counties, Roads to Independence, UTA

- Client intake by human service provider
- Clients choose their own drivers
- Trip voucher filled out and signed by client and driver
- Driver submits the voucher for mileage reimbursement

The Future



- **Enhanced Travel Training**
- **RidePilot v2 and UtahRideLink improvements**
- **E-Voucher**
- **UtahRideLink outreach/marketing**
- **Salt Lake Area bundled/negotiated contract**
- **Innovation pilot projects**

Questions



Questions?