First/Last Mile Study – TIGER Application
• 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
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

<table>
<thead>
<tr>
<th>County</th>
<th>Sponsor</th>
<th>Facility</th>
<th>PIN</th>
<th>Project Location</th>
<th>Concept/ Type of Improvement</th>
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<th>Project Estimated Cost</th>
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<th>Funding Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salt Lake</td>
<td>Salt Lake &amp; UTA</td>
<td>Sugar House Streetcar</td>
<td>13125</td>
<td>Sugar House Streetcar Double Track; 500 East to 600 East</td>
<td>Construct a Double Track</td>
<td>CMAQ_WFRC, Congestion Mitigation; Air Quality Urban Area Sal Lake/ West Valley (WFRC)</td>
<td>$3,016,100</td>
<td>$900,000</td>
<td>CMAQ Funding Amount Programmed - Remains the Same ($1,900,000)</td>
<td></td>
<td>2019-2020</td>
</tr>
<tr>
<td>Salt Lake</td>
<td>Salt Lake &amp; UTA</td>
<td>Sugar House Streetcar</td>
<td>14047</td>
<td>Sugar House Streetcar Double Track; 600 East to 700 East</td>
<td>Construct a Double Track</td>
<td>CMAQ_WFRC, Congestion Mitigation; Air Quality Urban Area Sal Lake/ West Valley (WFRC)</td>
<td>$3,016,100</td>
<td>$1,000,000</td>
<td>New Funding</td>
<td>$4,000,000</td>
<td>2020-2021</td>
</tr>
<tr>
<td>Salt Lake</td>
<td>UTA</td>
<td>Sugar House Streetcar</td>
<td>13125</td>
<td>Sugar House Streetcar Double Track - 300 East to 500 East</td>
<td>Construct a Double Track</td>
<td>CMAQ_WFRC, Congestion Mitigation; Air Quality Urban Area Sal Lake/ West Valley (WFRC)</td>
<td>$3,016,100</td>
<td>$900,000</td>
<td>New Funding</td>
<td></td>
<td>2019-2020</td>
</tr>
<tr>
<td>Salt Lake</td>
<td>UTA</td>
<td>Sugar House Streetcar</td>
<td>13125</td>
<td>Sugar House Streetcar Double Track - 300 East to 500 East</td>
<td>Construct a Double Track</td>
<td>Salt Lake County</td>
<td>$6,032,200</td>
<td>0</td>
<td>New Funding</td>
<td></td>
<td>2018</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>County</th>
<th>Sponsor</th>
<th>Facility</th>
<th>PIN</th>
<th>Project Location</th>
<th>Concept/ Type of Improvement</th>
<th>Funding Source</th>
<th>Project Estimated Cost</th>
<th>Currently Funded Amount</th>
<th>Action</th>
<th>Funding Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davis</td>
<td>UDOT</td>
<td>I-215</td>
<td>13737</td>
<td>I-215; 2100 North to I-15 Project</td>
<td>Roadway Reconstruction</td>
<td>NHPP_IM, National Highway Performance Program - Interstate Maintenance</td>
<td>$21,000,000</td>
<td>$14,000,000</td>
<td>Additional Funding</td>
<td>$7,000,000</td>
<td>2019</td>
</tr>
<tr>
<td>Davis</td>
<td>UDOT</td>
<td>SR-68</td>
<td>15155</td>
<td>SR-68; Salt Lake/ Davis County Line to 500 South</td>
<td>Pavement Rehabilitation (Purple Book)</td>
<td>NHPP_NHS, National Highway Performance Program - National Highway Systems</td>
<td>$3,300,000</td>
<td>$3,300,000</td>
<td>Combine All Three Projects into the SR-68; I-215 to Center Street Proj (PIN 12674)</td>
<td></td>
<td>2018</td>
</tr>
<tr>
<td>Davis</td>
<td>UDOT</td>
<td>SR-68</td>
<td>12674</td>
<td>SR-68; I-215 to Center Street</td>
<td>Widen Structure over I-215 and widen Redwood Road</td>
<td>CMAQ_WFRC, NHS, STP_FLX_ST, ST_RET_ROW</td>
<td>$19,072,616</td>
<td>$1,072,616</td>
<td>STP_FLX_ST, ST_RET_ROW</td>
<td></td>
<td>2017</td>
</tr>
</tbody>
</table>

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

Total Project Cost Estimate $6,032,200

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.
Project will Reconstruct I-215, Pavement Rehab on Redwood Road, and Widen Redwood over I-15 to Center Street
### Funding Swap/ Additional Funding

**Ogden/ Layton Urban Area**

<table>
<thead>
<tr>
<th>County</th>
<th>Sponsor</th>
<th>Facility</th>
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<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weber</td>
<td>UDOT</td>
<td>SR-37</td>
<td>13037</td>
<td>4000 South (SR-37), 5100 West to Midland Dr. (SR-108)</td>
<td>Widening to 3 lanes from 5100 W to 4700 W and widen to 5 lanes from 4700 West to Midland Dr</td>
<td>LOCAL_GOVT</td>
<td>$6,800,000</td>
<td></td>
<td>Funding Reduced</td>
<td>$2,500,000</td>
<td>2017</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L_BETTERMENT</td>
<td>$512,600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L_CORR-WEBER</td>
<td>$10,663</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STP_URB_O/L</td>
<td>$7,070,034</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ST_CONT_R1</td>
<td>$230,226</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ST_TIF</td>
<td>$12,415,666</td>
<td></td>
<td>Additional Funding</td>
<td>$2,500,000</td>
<td>2017</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>County</th>
<th>Sponsor</th>
<th>Facility</th>
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<th>Concept/ Type of Improvement</th>
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<th>Action</th>
<th>Funding Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>UDOT</td>
<td>Various</td>
<td>SNAP</td>
<td></td>
<td>Assist with presentations &amp; resources for the Zero Fatalities Parent Night Program and the Student Neighborhood Access Program</td>
<td>Transportation Solutions Funds</td>
<td>$300,000</td>
<td>$0</td>
<td>New Funding</td>
<td>$300,000</td>
<td>2017/18 School Year</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>County</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Salt Lake</td>
<td>UDOT</td>
<td>I-80</td>
<td>New</td>
<td>I-80 over the Surplus Canal MP116.4 (approx. 3000 West)</td>
<td>Bridge Deck Replacement</td>
<td>NHPP, BR</td>
<td>$2,100,000</td>
<td>$0</td>
<td>New Funding</td>
<td>$2,100,000</td>
<td>2018</td>
</tr>
</tbody>
</table>

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

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
<table>
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<th>County</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Weber, Davis, Salt Lake, and Summit UTA</td>
<td>Various</td>
<td>New</td>
<td>TIGER 8 First/Last Mile Program</td>
<td>First/ Last Mile Improvements at or around UTA rail stations</td>
<td>TIGER (Transportation Investment Generating Economic Recovery) Program</td>
<td>$20,000,000</td>
<td>$0</td>
<td>New Funding</td>
<td>$20,000,000</td>
<td>2016</td>
<td></td>
</tr>
<tr>
<td>Weber, Davis, Salt Lake, and Summit UTA</td>
<td>Various</td>
<td>New</td>
<td>UTA's FrontRunner</td>
<td>Enhanced Automated Train Control System (E-ATC) PTC</td>
<td>Fixing America's Surface Transportation (FAST) Act (Section 3028)</td>
<td>$33,800,000</td>
<td>$30,280,000</td>
<td>New Funding</td>
<td>$3,520,000</td>
<td>2018</td>
<td></td>
</tr>
</tbody>
</table>

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.

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.
# 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 $10,243,963 in New Project Value (16 projects totaling $2,747,145 in the WFRC Area.)

## WFRC Area

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Concept/ Type of Improvement/ Location</th>
<th>Funding Amount</th>
<th>Total Project Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Motorized</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friends of Wasatch Mt. State Park</td>
<td>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.</td>
<td>$1,257</td>
<td>$2,710</td>
</tr>
<tr>
<td>Salt Lake County</td>
<td>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.</td>
<td>$85,000</td>
<td>$212,000</td>
</tr>
<tr>
<td>Salt Lake County Parks &amp; Recreation</td>
<td>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.</td>
<td>$75,000</td>
<td>$382,600</td>
</tr>
<tr>
<td>Salt Lake City Department of Public Utilities</td>
<td>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.</td>
<td>$55,665</td>
<td>$111,385</td>
</tr>
<tr>
<td>City of Cottonwood Heights</td>
<td>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.</td>
<td>$45,000</td>
<td>$107,000</td>
</tr>
<tr>
<td>Salt Lake Ranger District (UWC-USDA)</td>
<td>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.</td>
<td>$18,516</td>
<td>$112,298</td>
</tr>
</tbody>
</table>

## WFRC Area

<table>
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</thead>
<tbody>
<tr>
<td><strong>Motorized</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utah Snowmobile Association</td>
<td>Economic Impact Study for Snowmobiling in Utah: Up-to-date impact study that would include current statistics and independent and credible economic impact studies.</td>
<td>$10,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>Utah Division of Parks &amp; Recreation - OHV Program</td>
<td>OHV Volunteer Service Project Trail Tools: Service project tools in the construction of kiosks, restrooms, and cattle guards in addition to general trail maintenance.</td>
<td>$151,906</td>
<td>$303,812</td>
</tr>
</tbody>
</table>
### 2017-2022 Transportation Improvement Program (TIP) (Amendment Nine)

**Board Modification**

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

<table>
<thead>
<tr>
<th>WFRC Area</th>
<th>Concept/ Type of Improvement/ Location</th>
<th>Funding Amount</th>
<th>Total Project Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Motorized - Continued</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utah Division of Parks &amp; Recreation - OHV Program</td>
<td>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.</td>
<td>$80,000</td>
<td>$212,200</td>
</tr>
<tr>
<td>Utah Division of Parks &amp; Recreation - OHV Program</td>
<td>Snowcat Purchase: Replace snowcat that will allow OHV Program to groom snowmobiles trails for the 18 recognized across the state.</td>
<td>$88,000</td>
<td>$176,000</td>
</tr>
<tr>
<td>Forest Service Utah Avalanche Center</td>
<td>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.</td>
<td>$46,000</td>
<td>$128,000</td>
</tr>
<tr>
<td>Friends of the Utah Avalanche Center</td>
<td>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 received much avalanche awareness as well as showing videos at family-oriented venues. Give away promotional logo items with avalanche awareness.</td>
<td>$30,000</td>
<td>$86,500</td>
</tr>
<tr>
<td>Uinta-Wasatch-Cache National Forest (UWC)</td>
<td>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.</td>
<td>$78,500</td>
<td>$163,900</td>
</tr>
<tr>
<td>Utah Division of Parks &amp; Recreation - OHV Program</td>
<td>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.</td>
<td>$230,000</td>
<td>$460,000</td>
</tr>
<tr>
<td>Tread Lightly!</td>
<td>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 &quot;How To&quot; videos that emphasize ethics and safety.</td>
<td>$68,877</td>
<td>$208,740</td>
</tr>
<tr>
<td>Ride with Respect</td>
<td>Moab-Area Tools, Trails, and Trail Patrol: Specialized tools and trailers to work safely, efficiently, and effectively.</td>
<td>$30,000</td>
<td>$60,000</td>
</tr>
</tbody>
</table>
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
2018 - $2,256,134, 54 projects
Totaling $10,513,963
16 Projects totaling $2,747,145
In the WFRC Area
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)

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

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

Wasatch Front Regional Council | Public Review and Comment Period – July 1 to August 5, 2017
Transportation Improvement Program Contains . . . .

- Lists of Projects
- Including:
  - New Construction
  - Rehab & Maintenance
  - Safety/ ITS
  - Transit, O & M
  - Pedestrian & Bike
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
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 (CAA) require that all regionally significant highway and transit projects in air quality nonattainment 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 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

WASATCH FRONT REGIONAL COUNCIL

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 32,699 impressions
- Generated 3,377 reactions, 19 comments, 28 shares, and 166 link clicks

OUR TWITTER ADS GENERATED:
- 53,879 impressions
- 3,086 engagements

OUR ORGANIC POSTS:
- Reached 7,026 people
- Generated 183 reactions, 30 comments, 23 shares, and 192 link clicks
- Generated 795 video views (live videos of TIP open houses)

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

TIP Interactive Map

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

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.

TIP Open House

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.
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.
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

<table>
<thead>
<tr>
<th>PUBLIC WORKS &amp; ECONOMIC ADJUSTMENT ASSISTANCE</th>
<th>REGIONAL INNOVATION STRATEGIES</th>
<th>LOCAL TECHNICAL ASSISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$100,000 - $3,000,000</strong></td>
<td><strong>$0 – $500,000</strong></td>
<td><strong>$0 – $300,000</strong></td>
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<tr>
<td>• Job Creation</td>
<td>• Innovation Centers</td>
<td>• Economic Development Plans</td>
</tr>
<tr>
<td>• Job Retention</td>
<td>• Entrepreneurial Centers</td>
<td>• Feasibility Studies</td>
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<tr>
<td>• Construction</td>
<td>• Cluster-Based Startups</td>
<td>• Impact Analyses</td>
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<tr>
<td>• Global Competitiveness</td>
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<td></td>
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<tr>
<td>• Leverage Private Capital</td>
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<td>• Coal Impacted</td>
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<tr>
<td>• Communities</td>
<td></td>
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<tr>
<td>• Build Regional Capacity</td>
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</tbody>
</table>
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
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

CORRIDOR / ACTIVE TRANSPORTATION
FEDERAL FUNDING PROGRAMS

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
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
WFRC Funding Program Deadlines

We’re Here

- Funding Programs Announced
  - August 2017
- Notice for Letters of Intent Sent
  - September 2017
- Letters of Intent Due
  - October 2017
- Applications Due
  - January 2018
- Projects Recommended
  - 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

Outreach & Partnership Efforts
Local Coordinating Councils
Coordinated Planning

Travel Training

Funding
5310 Grant Program
Enhancing transportation for seniors and people with disabilities

Technology
Regional Trip Planner
Scheduling and Dispatch Software

Vehicle Program

Creative Transportation Solutions

Volunteer Driver Pilot
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.
Enhanced Mobility of Seniors and Individuals with Disabilities

Grants for vehicles and operating assistance
UtahRideLink.com
Veterans Transportation and Living Initiative Grant
UtahRideLink.com
Veterans Transportation and Living Initiative Grant
RidePilot Scheduling and Dispatch Software
Veterans Transportation and Living Initiative Grant
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?