

295 North Jimmy Doolittle Rd.  
Salt Lake City, UT 84116  
(801) 363-4250  
www.wfrc.org



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Jim Smith  
Utah Association of Counties

Robert Grow  
Envision Utah

Evan Curtis  
State Planning Coordinator

Andrew Gruber  
Executive Director

April 3, 2018

To Members of Trans Com and Other Interested Persons:

A meeting of Trans Com will be held on **Thursday, April 19, 2018 at 2:00 p.m.** at the Wasatch Front Regional Council offices located at 295 North Jimmy Doolittle Road in Salt Lake City. The agenda will be as follows:

1. **ACTION** on minutes of February 15, 2018 meeting
2. Opportunity for public comment
3. Chair's Report
4. Transportation Improvement Program (TIP)
  - a. Report on Board Modifications to the 2018-2023 TIP
  - b. **ACTION:** Board Modifications to the 2018-2023 TIP
  - c. **ACTION:** Recommendation to approve projects for Draft 2019-2024 Surface Transportation Program (STP)
  - d. **ACTION:** Recommendation to approve projects for Draft 2019-2024 Congestion Mitigation Air Quality Program (CMAQ)
  - e. **ACTION:** Recommendation to approve projects for Draft 2020 Transportation Alternatives Program (TAP)
5. Other business

Next Meeting: June 14, 2018

Sincerely,

Commissioner James Ebert  
Chair

Upcoming Events:

*UAC Management Conference, St. George, April 24-26, 2018*

*ULCT Mid-Year Conference, St. George, April 25-27, 2018*

*UTA Transit Academy, Salt Lake City, May 14-18, 2018*

*Golden Spoke Event, June 2, 2018 – more information to come*

Informational materials can be located on WFRC's website at [www.wfrc.org](http://www.wfrc.org)

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El Wasatch Front Regional Council es una organización de Oportunidad Igual. Se solicita la participación del público, sin importar la edad, el sexo, la discapacidad, la raza, color o nacionalidad. Personas que requieren servicios de traducción deben contactar al Administrador de Título VI de WFRC por teléfono a 801-363-4250 (personas con discapacidad auditiva pueden llamar a Spanish Relay Utah - 1-888-346-3162) o por correo electrónico [apearson@wfrc.org](mailto:apearson@wfrc.org), por lo menos 72 horas antes de la reunión.



**TRANSPORTATION COORDINATING COMMITTEE (Trans Com)  
 Minutes**

Meeting of February 15, 2018

Mayor Robert Dahle, Vice-chair, called Trans Com to order at 2:03 p.m. at the Wasatch Front Regional Council offices located at 295 North Jimmy Doolittle Road, Salt Lake City, Utah. Introductions were made. **[Recording: 00:00:28]**

<b>2017 TRANS COM MEMBERS</b>	<b>IN ATTENDANCE</b>
<b>BOX ELDER COUNTY</b>	
Member - Jeff Scott (Box Elder)	yes
<b>DAVIS COUNTY</b>	
Member - Bret Millburn (Davis County)	no
Alternate - Mark Shepherd (Clearfield)	yes
Member - Mitch Adams (Clinton)	yes
<b>MORGAN COUNTY</b>	
Member- Austin Turner	<b>no</b>
Alternate - Tina Cannon	yes
<b>SALT LAKE COUNTY</b>	
Member - Robert Dahle (Vice Chair) (Holladay)	yes
Alternate - Trent Staggs (Riverton)	yes
Member - D. Blair Camp (Murray)	yes
Member - Robert Hale (Midvale)	yes
Member - Jenny Wilson (SL County Council)	no
Alternate - Mike Peterson (Cottonwood Heights)	yes
Alternate - Derk Timothy (Bluffdale)	yes
Alternate - David Watts (Herriman)	yes
<b>TOOELE COUNTY</b>	
Member - Wade Bitner (Tooele County)	yes
Alternate - Brent Marshall (Grantsville)	yes
<b>WEBER COUNTY</b>	
Member - James Ebert (Chair) (Weber County)	no
Alternate - Leonard Call (Pleasant View)	yes
Member - Norm Searle (Riverdale)	no
Alternate – Jim Harvey (Weber County)	yes
<b>OTHER APPOINTMENTS</b>	
<b>Utah Transportation Commission:</b>	
Member - Meghan Holbrook	no
Member - Dannie McConkie	yes
<b>UTA Board of Trustees:</b>	
Member - Gina Chamness	no
Member - Karen Cronin	yes
<b>Utah Air Quality Board:</b>	
Member - Cassidy Kristensen	yes

<b>NON-VOTING MEMBERS</b>	
<b>UDOT Representative:</b>	
Member - Shane Marshall	yes
Alternate - Nathan Lee	yes
<b>UTA Representative:</b>	
Member – Laura Hanson	no
Alternate - GJ LaBonty	no
<b>Air Quality Board, DAQ Staff Representative:</b>	
Bryce Bird	no
<b>FHWA - Utah Division Representative:</b>	
Ivan Marrero	no
<b>Mountainland Association of Governments</b>	
Steve Leifson - Spanish Fork	no
<b>Others in Attendance:</b>	
Commissioner Shawn Milne, Tooele County	Wayne Bennion WFRC
Holly Smith, City of Holladay	Andrew Gruber WFRC
Helen Peters, Salt Lake County	Ned Hacker WFRC
Charles Mason-Hill, UDOT	Ben Wuthrich WFRC
Gordon Haight, Herriman City	Bert Granberg WFRC
Andrea Pearson WFRC	Megan Townsend WFRC

**[Recording: 00:02:30]** Mayor Robert Dahle thanked past Trans Com Chair, Karen Cronin, for her leadership. She now attends as a representative for the UTA Board of Trustees.

**[Recording: 00:03:14]** Wayne Bennion, WFRC, reminded members that a limited amount of meeting materials will be printed for the meetings. If you would like a hard copy for each meeting, please let WFRC staff know.

**1. Approval of Minutes [Recording: 00:04:20]**

Mayor Robert Dahle brought attention to the minutes of the November 9, 2017 meeting and asked if there were any questions. There were none. Mayor Derk Timothy moved that the minutes of the Trans Com meeting be approved as written. Mayor Mitch Adams seconded the motion, and the voting was unanimous.

**2. Opportunity for Public Comment [Recording: 00:04:44]**

Mayor Dahle opened the meeting up for public comments. There were none.

**3. Transportation Committee (Trans Com) Roles and Responsibilities [Recording: 00:04:54]**

Wayne Bennion, WFRC, reminded members of the background of the Transportation Coordinating Committee (Trans Com) and referred to the current Memorandum of Agreement included in the packet. Trans Com acts as the policy advisory committee to the Regional Council regarding the programming of funds through the TIP and other short-range transportation issues. There is a technical advisory committee in each urbanized area that periodically provides recommendations to Trans Com. Mr. Bennion briefed the committee on Trans Com's roles and responsibilities and then presented a schedule for Trans Com meetings in 2018. Members were encouraged to review the proposed schedule and provide suggestions about any other issues they would like to discuss.

**4. Transportation Improvement Program (TIP) [Recording: 00:16:56]**

**a. Report on Board Modifications to the 2018-2023 (TIP)**

Ben Wuthrich, WFRC, updated the committee regarding modifications to the current 2018-2023 Transportation Improvement Program. These modifications were approved by the Wasatch Front Regional Council at the January 23, 2018 meeting, and also by the State Transportation Commission.

**b. ACTION: Board Modifications to the 2018-2023 TIP [Recording: 00:24:24]**

Mr. Wuthrich then reported that WFRC has received requests to modify the current 2018-2023 Transportation Improvement Program. These modifications required action from the State Transportation Commission and now require action from Trans Com. Mr. Wuthrich discussed each of the three projects and there was some group discussion.

**[Recording: 00:42:46]** Mayor Derk Timothy moved to approve the resolution to modify the 2018-2023 TIP. Commissioner Jim Harvey seconded the motion, and the voting was unanimous.

**c. Review of Fiscal Year 2017 obligation of federal highway and transit funds**

**[Recording: 00:43:09]**

Mr. Wuthrich also presented information from a yearly report required by the FAST ACT (Fixing America's Surface Transportation Act). The WFRC staff, with the help of UDOT and UTA, prepared this report of obligated federal, and local and state match funding during federal fiscal year 2017 (October 1, 2016 through September 30, 2017). The charts showing funding by project type were discussed by Mr. Wuthrich and provided in the packet materials.

**5. Transportation and Land Use Connection (TLC) Program Update [Recording: 00:53:00]**

Megan Townsend, WFRC, reported on the progress of the TLC program. This program provides technical assistance to local communities to help them achieve their goals and plan for growth. By supporting local efforts to reduce travel demand, increase access to opportunity, and enhance alternative transportation infrastructure and access, the TLC program helps meet transportation needs in creative, cost-effective ways. Ms. Townsend presented the TLC annual "Report Card" and reviewed the program objectives and accomplishments to date.

**6. State Legislative Update [Recording: 01:02:29]**

LaNiece Davenport, WFRC, and Andrew Gruber, WFRC, reviewed important developments that are happening in regard to transportation at the State Legislative Session. Ms. Davenport reminded members that WFRC manages a Bill Tracker that lists important transportation bills and other bills that have a nexus to transportation including air quality, land use, and economic development. Ms. Davenport highlighted several bills, including SB 136, Transportation Governance Amendments (sponsored by Senator Harper and Representative Schultz). WFRC supports this bill and staff are continuing dialogue with the bill sponsors and other stakeholders about technical aspects of the legislation.

**7. Other Business [Recording: 01:24:17]**

Wayne Bennion, WFRC, gave a reminder of the remaining Wasatch Choice 2050 Vision Workshops that will be held through March 6, 2018 and encouraged members to participate.

**[Recording: 01:25:14]** Andrew Gruber, WFRC, noted that WFRC will be hosting a New Committee Member Orientation on February 22, 2018, and invited all new or existing members to attend. **[Recording: 01:26:18]** It was proposed that the Trans Com meeting adjourn at the conclusion of Item 8 on the agenda. Commissioner Shawn Milne made the motion and Commissioner Bitner seconded, with a unanimous affirmative vote.

**8. Overview of Utah Open and Public Meetings Act [Recording: 01:26:55]**

Utah State law requires that elected officials serving on committees such as those of the Wasatch Front Regional Council receive training regarding the Utah Open and Public Meetings Act. An 11-minute training video was presented at Trans Com and will also be shown at other appropriate WFRC committees in order to comply with this requirement. **[Recording: 01:38:33]** The video concluded and the meeting was adjourned.

**DATE:** April 12, 2018  
**AGENDA ITEM:** 4a  
**SUBJECT:** Report on Board Modifications to the 2018-2023 TIP  
**PREPARED BY:** Ben Wuthrich

**BACKGROUND:**

Since the last meeting of Trans Com, WFRC received requests to modify the current 2018-2023 Transportation Improvement Program (TIP). The modification required action from Wasatch Front Regional Council and the Transportation Commission, but did not require a new air quality conformity analysis or a 30-day public comment period. The modification is attached to the approved resolution.

**RECOMMENDATION:**

This item is for information only

**CONTACT PERSON:**

Ben Wuthrich (801) 363-4230 ext 1121

**EXHIBIT:**

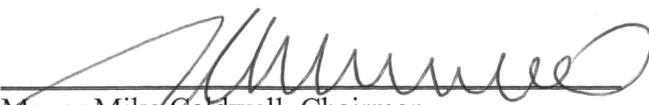
2018-2023 TIP Amendment Five Resolution

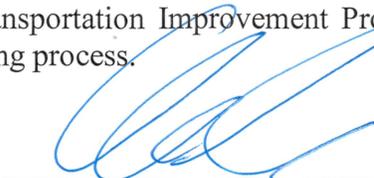
RESOLUTION OF THE WASATCH FRONT REGIONAL COUNCIL  
AMENDING THE 2018 - 2023  
TRANSPORTATION IMPROVEMENT PROGRAM

- WHEREAS, the Wasatch Front Regional Council is the officially designated Metropolitan Planning Organization for the Salt Lake/ West Valley and the Ogden/ Layton Urbanized Areas and, as such, has the responsibility for developing a Transportation Improvement Program, and
- WHEREAS, a Transportation Improvement Program is to include all federally funded highway and transit projects scheduled for the next six years, and
- WHEREAS, the Utah Department of Transportation, the State Transportation Commission, the Utah Transit Authority, and the Wasatch Front Regional Council and its local jurisdictions desire to amend the 2018-2023 Transportation Improvement Program (TIP) to include and / or modify the projects on the attached project description list, and
- WHEREAS, the U.S. Department of Transportation Metropolitan Planning Regulations Paragraph 450.326(a) requires that "the TIP . . . be updated at least every four years, and be approved by the MPO and the Governor," and
- WHEREAS, the Statewide Air Quality Implementation Plan includes traffic control measures for reducing air pollutant emissions for the Salt Lake/ West Valley and the Ogden/ Layton Urbanized Areas and budgets for mobile source emissions, and
- WHEREAS, the projects included in the proposed Transportation Improvement Program amendment are either included in Phase 1 of the Regional Transportation Plan or are not regionally significant, or are included in the 2018-2023 TIP or are exempt projects that do not need to be reviewed for air quality conformity and consistency with the State Implementation Plan according to 40 CFR Part 93.126 Table 2 Exempt Projects, and
- WHEREAS, the proposed Transportation Improvement Program amendment had a public review and comment opportunity at the Regional Council meeting on March 22, 2018, and all comments were carefully considered,

NOW THEREFORE LET IT BE RESOLVED, that the Wasatch Front Regional Council

- (1) Approves Amendment Five to the 2018-2023 Transportation Improvement Program as attached,
- (2) Finds that the TIP conforms to and is consistent with the State Implementation Plan for Salt Lake, Davis, western Weber, and southern Box Elder Counties, and
- (3) Finds that the development of the Transportation Improvement Program is based on a currently certified transportation planning process.

  
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Mayor Mike Caldwell, Chairman  
Wasatch Front Regional Council

  
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Andrew S. Gruber  
Executive Director  
Wasatch Front Regional Council

Date: March 22, 2018

## 2018-2023 Transportation Improvement Program (TIP) (Amendment Five)

### Board Modification

#### Scope Adjustments and 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 and North Ogden	450/ 400 East	14842	450 East/ 400 East; 2600 North to Elberta Drive	Widen existing roadway from 3-lane to 5-lane including improvements to curb, gutter, and sidewalks	STP_URB_O/L (Surface Transportation Program (STP) - Ogden/ Layton Urban Area)	\$13,786,000	\$3,600,000	<i>Additional Funding</i>	\$1,000,000	2017 - 2019
						STP_FLX_ST (STP Flexible (Any Area) Statewide)		\$2,000,000	<i>Additional Funding</i>	\$2,466,000	
						Local Funds (Weber Area Council of Government (WACOG) Funds)		\$2,650,000			
						Local Funds (North Ogden City Funds)		\$2,070,000			

In addition to the widening and improvements to 450 E/ 400 East and the intersection at Elberta Drive, UDOT has a project to widen and improve the intersection at Washington Blvd (450 E/ 400 East ) and 2600 North, adding dual turn lanes and traffic flow improvements by widening and aligning all legs of the intersection with the adjacent City streets. In addition, North Ogden has a city project to widen and improve 2600 North east of the intersection adding an additional EB and WB lane to the City Hall and the Library. When UDOT was performing the latest studies in preparation for the project to begin, it was determined that unless more turning movement capacity (dual lefts on all legs) was part of the scope, the project would not benefit from the programmed improvements. Thus, this project needs to add a left turn lane in each direction and with the additional funding now, UDOT will advance construct all of the projects at the same time in 2019 to eliminate duplicate efforts, minimize impacts, and improve traffic management and safety for the surrounding area by constructing at one time rather than several different projects.

Davis	UDOT	SR-60	15154	South Weber Drive (SR-60); Riverdale Road (SR-26) to 1150 West (SR-168)	Pavement Rehabilitation and Sidewalk Construction	STP_FLX_ST (STP Flexible (Any Area) Statewide)	\$1,006,790	\$675,000	<i>Additional Funding</i>	\$331,790	2018
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The existing pavement on this section of road has deteriorated faster than expected and while rehabilitating the road Region One desires to add scope to this project by extending the sidewalk under the I-84 structure on the east side of SR-60, contingent upon the execution of a betterment agreement with Riverdale City. A sidewalk currently exists on the west side of SR-60. The proposed additional funding will come from Region One's 2017 Pavement Rehabilitation Program.

##### 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	Little Cottonwood Canyon	16092	Little Cottonwood Canyon	Environmental Impact Study, Phase II - Scope and Funding Addition	ST_TIF (State Transportation Investment Funds)	\$5,000,000	\$2,000,000	<i>Additional Funding</i>	\$3,000,000	2018

Phase I began the environmental impact study (EIS) process up through Alternatives Development. This phase of the study is scheduled to be completed by August, 2018. Phase II will complete the EIS process from Alternatives Development through the final Record Of Decision (ROD). Funding in the amount of \$3,000,000 is requested from the Recreational Hotspot - Transportation Investment Fund (TIF) Program.

**2018-2023 Transportation Improvement Program (TIP) (Amendment Five)**

**Board Modification**

**New Projects**

**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-68	16424	Redwood Road (SR-68); 9000 South to 12600 South	Restripe Redwood Road from 5 Lanes to 7 Lanes - Eliminate Choke Point	STP_FLX_ST (STP Flexible (Any Area) Statewide)	\$2,000,000	\$0 \$0	<i>New Project</i>	<b>\$2,000,000</b>	2018

Because the roadway width is already sufficient, this project scope will only include grinding off the existing striping and re-striping to a 7 lane configuration. It does not include any work beyond the existing curb and gutter on either side of the street. The estimate includes the grinding, the replacement of the pavement markings at the existing intersections, repair of areas where the pavement is distressed, several utility access adjustments, and both the air and noise analysis for the environmental document. The available funds will come from Region Two's de obligation funds (funds that are returned to the Regions because of project cost savings and favorable bids).

Tooele	UDOT	SR-138	15578	SR-138, Stansbury Park Underpass Partnership	Construct Pedestrian/ Bicycle Underpass	STP_TAP_ST (Converted TAP Funds to STP)	\$1,800,000	\$0	<i>New Project</i>	<b>\$400,000</b>	2018
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This project will construct a tunnel under SR-138 to address a growing safety concern with school kids and other pedestrians crossing in this area of increasing density and population. This project is a local government partnership with a total project value of ~\$1.8 Million. Funding is requested from Transportation Alternative Program funds.

**DATE:** April 12, 2018  
**AGENDA ITEM:** 4b  
**SUBJECT:** ACTION on Board Modifications to the 2018-2023 Transportation Improvement Program (TIP)  
**PREPARED BY:** Ben Wuthrich

**BACKGROUND:**

The Wasatch Front Regional Council (WFRC) has received requests to modify the current 2018-2023 Transportation Improvement Program (TIP). This modification requires action from the Regional Council and the Transportation Commission but does not require a new air quality conformity analysis or a 30-day public comment period. The requested modification is listed with the attached resolution.

**RECOMMENDATIONS:**

WFRC staff recommends that Trans Com make a motion “to approve the resolution to modify the 2018-2023 TIP as requested.”

**CONTACT PERSON:**

Ben Wuthrich (801) 363-4230 ext 1121

**EXHIBITS:**

Resolution Six to amend the 2018-2023 TIP

RESOLUTION OF THE WASATCH FRONT REGIONAL COUNCIL  
AMENDING THE 2018 - 2023  
TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the Wasatch Front Regional Council is the officially designated Metropolitan Planning Organization for the Salt Lake / West Valley and the Ogden/ Layton Urbanized Areas and, as such, has the responsibility for developing a Transportation Improvement Program, and

WHEREAS, a Transportation Improvement Program is to include all federally funded highway and transit projects scheduled for the next six years, and

WHEREAS, the Utah Department of Transportation, the State Transportation Commission, the Utah Transit Authority, and the Wasatch Front Regional Council and its local jurisdictions desire to amend the 2018-2023 Transportation Improvement Program (TIP) to include the projects on the attached project description list, and

WHEREAS, the U.S. Department of Transportation Metropolitan Planning Regulations Paragraph 450.324(a) requires that “the TIP . . . be updated at least every four years, and be approved by the MPO and the Governor,” and

WHEREAS, the Statewide Air Quality Implementation Plan includes traffic control measures for reducing air pollutant emissions for the Salt Lake/ West Valley and the Ogden/ Layton Areas and budgets for mobile source emissions, and

WHEREAS, the projects included in the proposed Transportation Improvement Program amendment are either included in Phase 1 of the Regional Transportation Plan or not regionally significant, or are included in the 2018-2023 TIP or are exempt projects that do not need to be reviewed for conformity and consistency with the State Implementation Plan according to 40 CFR Part 93.126 Table 2 Exempt Projects, and

WHEREAS, the proposed Transportation Improvement Program amendment had a public review and comment opportunity at the Trans Com meeting on April 19, 2018, and all comments were carefully considered,

NOW THEREFORE LET IT BE RESOLVED, that Trans Com as delegated by the Wasatch Front Regional Council

- (1) Approves Amendment Six to the 2018-2023 Transportation Improvement Program as attached,
- (2) Finds that the TIP conforms to and is consistent with the State Implementation Plan for Salt Lake, Davis, western Weber, and southern Box Elder Counties, and
- (3) Finds that the development of the Transportation Improvement Program is based on a currently certified transportation planning process.

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Commissioner James Ebert  
Chair  
Trans Com

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Andrew S. Gruber  
Executive Director  
Wasatch Front Regional Council

Date: April 19, 2018

## 2018-2023 Transportation Improvement Program (TIP) (Amendment Six)

### Board Modification

#### 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	Salt Lake City	Var	13631	Bike Share Expansion	- Original Scope - Construct Additional Bike Docking Stations and Purchase Additional Bikes - Scope Change to include the Purchase of a Re-balancing Vehicle	TAP_URB_WFRC (Transportation Alternatives Program - (WFRC))	\$150,000	\$150,000	<i>No Funding Increase</i>	<b>\$150,000</b>	2018

This request is to enable SLC Bike Share to use some of the TAP funds to purchase a rebalancing vehicle in addition to the construction of the new bike stations and the purchasing of additional bicycles. The existing vehicle used by SLC Bike Share is an old renovated repurposed UTA van and is long overdue for replacement. The existing vehicle is experiencing mechanical issues and is too small to adequately perform the duties required for rebalancing the bike share stations. The vehicle holds approximately eight bicycles, and is responsible for aiding bike share staff in rebalancing 33 stations and over 300 bicycles in the system. This poses a hardship on staff time and budget constraints, as many of the stations need upwards of 10 to 15 bicycles removed and reallocated at peak times.

#### New Project

##### Ogden / Layton Urbanized Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Box Elder	UDOT	I-84	16666	I-84; Fence Repairs in Box Elder County	Replace damaged or missing fence along I-84	STP_FLX_ST (STP Flexible (Any Area) Statewide)  Transportation Solutions Program (UDOT Region One TSP Balance)	\$900,000	\$0	<i>New Funding</i>	<b>\$900,000</b>	2018

There are several locations along I-84 in Box Elder County between milepost 20 and milepost 42 where the fence placed with the original construction of the Interstate has fulfilled its service life. Many of these sections potentially allow both wildlife and livestock to enter the right of way. The proposed improvements will replace the existing fence with new fence in coordination with Utah Division of Wildlife Resources (DWR) the fence will be replaced with Deer Fence in prioritized locations. The requested funds will come from Region One's Transportation Solutions Program's unfunded balance.

#### Additional Funding

##### Ogden / Layton Urbanized 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-134	12508	SR-134 (2700 North): Interchange Modifications	Construct additional lanes on 2700 North	HSIP (Highway Safety Improvement Program)  STP_FLX_ST (STP Flexible (Any Area) Statewide)  Transportation Solutions Program (UDOT Region One TSP Balance)	\$8,200,000	\$6,200,000	<i>Additional Funding</i>	<b>\$2,000,000</b>	2018

The funded scope of the project is to provide additional lanes on SR-134 to help increase operations around the SR-134 and I-15 Interchange. Operations are improved by adding an additional lane east and west bound on SR-134 from I-15 to Rulon White. The additional funds will provide a mill and fill to remove the existing seal coat and place a new one that aligns with the proposed lane lines. The additional funding would come from the Region One's 2018 Transportation Solutions Program's unfunded balance.

## 2018-2023 Transportation Improvement Program (TIP) (Amendment Six)

### Board Modification

#### Additional Funding

##### Ogden / Layton Urbanized 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-15	16124	I-15; 200 North Kaysville Southbound Ramp	Widen the South-bound on Ramp	NHPP_IM (National Highway Performance Program - Interstate Maintenance)	\$850,000	\$500,000	<b>Additional Funding</b>	<b>\$350,000</b>	2018

The Region request approval to add funding to the I-15; 200 North Kaysville South Bound Ramp Meter project. The additional funds are need to provide sufficient ramp widening to provide adequate storage for the ramp meters to avoid backing onto 200 North. The requested funds are available from unprogrammed balance in the Region One Transportation Solutions Program.

##### 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 (Salt Lake Urban Area (WFRC)))	\$5,916,379	\$5,116,379	<b>Additional Funding</b>	<b>\$500,000</b>	2018
						ST_TIF (State Transportation Investment Funds)				<b>\$300,000</b>	

This project will construct Segment 5 of a major arterial road that extends from Mountain View Corridor in Herriman to 14600 South and the interchange at I-15. Last year this project advertized and the bidding came in higher than the engineers estimate. The project was reworked and was readvertized this month and again came in over the engineers estimate. Bluffdale feels that to further reduce the project scope or readvertise would result in a similiar situation without the project necessary improvements. It is requested that WFRC approve an additional \$500,000 in Urban Surface Transportation Program (STP) funds and that an additional \$300,000 of State TIF funds be amended to this project.

Salt Lake	UDOT	SR-154	12566	Bangerter Highway Interchanges at (5400 South, 7000 South, 9000 South, and 11400 South)	Replace existing signalized intersections with grade-separated interchanges	L_Betterment (Local Government - Betterment CO-OP)	\$214,171,462	\$201,371,462	<b>Additional Funding</b>	<b>\$12,800,000</b>	2018
						ST_TIF (State Transportation Investment Funds)					

The current funding allocated for this project was based on replacing existing four signalized intersections at 5400 South, 7000 South, 9000 South and 11400 South with freeway-type Interchanges. The cost of the project increased is based on (1) current real estate market value – Right-of-way acquisitions have increased by \$6M and (2) construction costs due to complexity of the four interchanges dealing with utilities. (i.e. The Bureau of Reclamation (BOR) 78-inch water aqueduct and the high transmission Rocky Mountain Power lines) totalling more than \$6.8 million. The request for the additional funding will come from unprogrammed Transportation Investment Funds (TIF).

Salt Lake	UDOT	SR-68	11203	SR-68; Redwood Road, Bangerter Highway to 12600 South	Widen to a 7-lane facility	L_Betterment (Local Government - Betterment CO-OP)	\$47,563,060	\$37,863,060	<b>Additional Funding</b>	<b>\$9,700,000</b>	2018
						ST_CONCEPT_D2 (Region Two Concept Funds)					
						ST_Signals (State Construction - Signal Program)					
						ST_TIF (State Transportation Investment Funds)					

This project was originally scoped and funded as a 5-lane cross section. Based on the traffic analysis during the project design, 7 lanes were ultimately needed to accommodate the projected increased capacity needs on Redwood Road. It was also determined that 2 intersections would need to be re-aligned and signalized for safety reasons and were included with the project. The project cost increase was a result of the expanded project scope and right of way negotiations extending the construction of the project into 2018.

## 2018-2023 Transportation Improvement Program (TIP) (Amendment Six)

### Board Modification

#### Additional Funding

##### Ogden / Layton Urbanized 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	I-84	14264	I-84 bridges over the Weber River and UPRR Project	Bridge Replacement	NHPP_BR (National Highway Performance Program - Bridge On)	\$36,000,000	\$16,800,000	<i>New Funding</i>	\$19,200,000	2021-2023
					Transportation Solutions Program (UDOT Region One TSP Balance)						

This project was approved for \$16,800,000 in 2020. A feasibility study was recently completed for these two bridges to determine best strategy for replacement. The outcome of the study indicated a need for more funding. This Request is to increase the project value to \$36,000,000, and to cash flow the funding over three years; \$5,000,000 in 2021 for design, \$15,500,000 in 2022 for first year of construction, and \$15,500,000 in 2023 for the second construction season. The additional funding is available from unprogrammed efficiency balance within the Structures program, \$6.58 million, and \$1.55 million from the Statewide Transportation Solutions program.

##### Statewide

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Var	UDOT	Var	9369	The Bridge Inspection Program Various Locations across the State	The Bridge Inspection Program	STP_FLX_ST (STP Flexible (Any Area) Statewide)	\$10,269,673	\$0	<i>New Funding</i>	\$2,200,000	2018-2021
					NHPP_BR (National Highway Performance Program - Bridge On)	\$3,456,000					
					STP_Bridge (Surface Transportation Program - Bridge for State Projects)	\$4,544,000					
					Bridge_On/Off (Bridge Rehab/ Replacement (On/Off))	\$69,673					

Request to add \$400,000 for each of the years 2018 through 2021 to account for an increase in inspection costs due to inflation and due to additional condition-based-inspection requirements. Additionally, request to add an additional \$600,000 in the year 2019 for the Underwater Bridge Inspection Program which is required by FHWA every five years. This would add a total of \$2.2 million to this program.

Var	UDOT	Var	9615	The Structural Load Rating Maintenance Program Various Locations across the State	The Structural Load Rating Maintenance Program	NHPP_BR (National Highway Performance Program - Bridge On)	\$1,330,000	\$400,000	<i>New Funding</i>	\$900,000	2019-2021
					ST_Bridge (State Construction Bridge Program)	\$30,000					

Request to add \$300,000 for each of the years 2019 through 2021 to account for additional load ratings needed for emergency vehicles as mandated by FHWA and additional load ratings that are necessary as bridge conditions change due to aging. This would add a total of \$900,000 to this program.

## 2018-2023 Transportation Improvement Program (TIP) (Amendment Six)

### Board Modification

#### Project Scope Change

##### 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-53	14263	24th Street (SR-53) - Viaduct Rehabilitation in Ogden Project	24th Street Viaduct Rehabilitation	ST_Bridge (State Construction Bridge Program)	\$9,550,000	\$12,152,000	<b>Funding Reduction</b>	\$7,377,000	2019-2020
						STP_BRIDGE (STP Bridge Funds for State Projects)		\$14,151,000		\$9,376,000	

This project was approved for \$26,300,000 in 2020. The original scope included a complete deck replacement. A recently completed feasibility study determined that a deck replacement is not necessary and the rehabilitation could be completed in a less expensive manner. Request is to reduce total project value to \$9,550,000, (a reduction of \$16.75 Million); with \$1,000,000 in 2019 for design and \$8,550,000 in 2020 for construction. \$1.55 million of the cost will be for an ADA ramp on the east side of the structure, using Statewide 2020 Transportation Solutions funds.

##### 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-266	13800	Jordan River Bridge at SR-266 (4500 South) Project	Originally programmed to be Rehabilitated Recommended that the Bridge needs to be evaluated for replacement	NHPP_BR (National Highway Performance Program - Bridge On)	\$0	\$720,000	<b>Remove from Program</b>	\$720,000	2018

This rehabilitation project was funded for 2019 with \$720,000. Due to continued deterioration, this bridge needs to be evaluated for replacement rather than rehabilitation. Request is to remove from the STIP and evaluate for a replacement project in the appropriate year.

#### 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 at Glendale Ave	Sound Barrier	2018 State Legislative Session House Bill 2	\$1,700,000	\$0	<b>New Funding</b>	\$1,700,000	2018
Salt Lake	UDOT	SR-172	New	5600 West (SR-172) & Paulette Ave	Intersection Improvements (design, engineering, right-of-way acquisition and improvements)	2018 State Legislative Session House Bill 3	\$550,000	\$0	<b>New Funding</b>	\$550,000	2018
Weber	UDOT	SR-134	New	2700 North (SR-134); Adjacent to Canal in Pleasant View	Intersection Improvements (design, engineering, right-of-way acquisition and improvements)	2018 State Legislative Session House Bill 3	\$850,000	\$0	<b>New Funding</b>	\$850,000	2018

During the 2018 State Legislative Session, House Bill 2 and 3 (New Fiscal Year Supplemental Appropriations Act, and Appropriations Adjustments), were passed. In these Bills it included language to use Transportation Funds to fund the following projects:

**DATE:** April 12, 2018  
**AGENDA ITEM:** 4c  
**SUBJECT:** Action on New Projects for Draft 2019-2024 Surface Transportation Program  
**PREPARED BY:** Ben Wuthrich

**BACKGROUND:**

The Wasatch Front Regional Council is responsible for programming the federal Surface Transportation Program (STP) funds for the Salt Lake/ West Valley and the Ogden/ Layton Urbanized Areas. The annual apportionments for STP funds are projected to be approximately \$20,020,000 through the year 2024 in the Salt Lake/ West Valley Urbanized Area and \$10,780,000 in the Ogden/ Layton Urbanized Area. Due to the adjustments brought about by the federal FAST Act, the current transportation authorization bill and project cost savings, there is an estimated \$30,758,000 available for the year 2024 in the Salt Lake/ West Valley Area to program, and \$17,437,000 available in the Ogden/ Layton Area.

In the fall of 2017, WFRC staff requested that potential project sponsors submit letters of intent to apply for available STP funds. Sponsors were then asked to prepare a project concept evaluation report providing further detail on their projects. The WFRC staff and the Technical Advisory Committees (TACs) used these reports, an on-site field review of each project in March, technical criteria, and other relevant professional considerations to evaluate each of the projects submitted.

Based on this evaluation, at their meetings on March 28, the Trans Com TACs (composed of the region's municipal engineers and other professionals representing their respective area or municipality) developed a recommendation of projects to add to the 2019-2024 STP. The attached tables "STP Projects Submitted for Consideration for the 2019-2024 Surface Transportation Program (STP) Program" show the projects submitted for consideration. The highlighted projects with a recommended funding amount in the left-hand column indicate those recommended by the TACs to be added to the 2019-2024 STP.

**CONTACT PERSON:**

Ben Wuthrich (801) 363-4230 ext 1121

**RECOMMENDATIONS:**

The WFRC staff and the Trans Com Technical Advisory Committees recommend that Trans Com make a motion "to recommend that the Regional Council approve the projects discussed, reviewed, and recommended be added to the 2019-2024 Surface Transportation Program."

**EXHIBITS:**

Spreadsheets showing recommended STP Projects for the Salt Lake/ West Valley and the Ogden/Layton Areas

**STP Projects Submitted for Consideration for the 2019-2024 Surface Transportation Program (STP) Program**  
**Projects (Highlighted in Yellow) represent those projects Recommended by the Transportation Technical Advisory Committee (TAC)**

Recommended Funding	Sort	Sort	City	Agency	Project Name	From Street	To Street	Project Improvement	Type of Project	Func Class	Length	Description	Tot Cost	Fed Fund	'09 ADT	'30 ADT	Sp Prior	Safety Score	Pavement Management Score	Cost Benefit Score	Delay Reduction Score	Growth Principles/Economic Imp	Existing ADT Score	Operation, TSM/TDM, ITS Imp Score	Traffic Growth Score	Existing Volume/Capacity Score	Total Score	Weighted Total
\$0	1	STP O 8	Kaysville City	Kaysville City	Sunset Drive	Old Mill Lane	Western Drive	Widening	Reconstruct	Collector	1.05	The project includes curb, gutter, sidewalk, and turning lanes with the widening of Sunset Drive from Old Mill Lane to Western Drive. Reduced risk, improved safety, and sidewalk consistency are a result of this project which is located in an area where there are three schools and heavy pedestrian and auto traffic.	\$3,432,400	\$3,200,000	2595	10000	1	5.0	25.0	12.0	0.0	3.6	0.0	4.0	6.0	0.0	40	55.6
\$0	2	STP O 4	Clinton	UDOT - Region 1	Dual Left Turn Lanes on SR-108 at 1800 N - Clinton	MP 7.4	MP 7.6	Intersections & Signals	Operations	Principal Arterial	0.2	This intersection is busy now and will be even more busy as both of these state routes are planned to be widened.	\$3,000,000	\$1,500,000	17000	43000	3	9.0	4.1	15.0	0.0	7.2	1.0	6.7	10.0	1.0	54.1	54.0
\$0	3	STP O 13	Syracuse	Syracuse City	500 West Street Phase 2	1900 South	2800 South	Widening	Reconstruct	Collector	0.76	Phase two of the 500 West project will complete the road widening from 1900 South to 2800 South, approximately one mile. A signalized intersection will be installed at 2700 South to increase safety and mobility on this important north-south collector.	\$3,711,400	\$3,460,000	4785	10000	1	6.0	25.0	12.0	0.0	3.6	0.0	3.3	4.0	0.0	38	53.9
\$1,851,921	4	STP O 6	Farmington	Farmington City	SR-106 (Main Street) Improvements	Park Lane	Shepard Lane	Widening	Reconstruct	Principal Arterial	0.76	The proposed project is intended to improve drainage and add pedestrian facilities to the section of SR-106 (Farmington Main Street) between Park Lane and Shepard Lane on the east side of the road. The project will include storm drain, curb and gutter, sidewalk and pavement widening to allow for standard shoulder width.	\$1,986,400	\$1,851,921	7950	12000	1	4.0	21.0	16.0	0.0	5.2	0.0	3.3	4.0	0.0	42.2	53.5
\$3,500,000	5	STP O 22	Ogden	Utah Transit Authority	Ogden-WSU BRT Construction	Ogden Intermodal	WSU/McKay Dee Hospital	Transit Capital	Transit	Principal Arterial	6	The Ogden/Weber State University BRT will provide premium service between the Ogden intermodal and WSU/McKay Dee Hospital. The BRT will have 13 stations and operate on exclusive lanes from 30th and Harrison to the Dee Events Center. The O/M of this line comes from funds currently used on route 603 and Prop 1 sales tax.	\$75,000,000	\$5,000,000	27525	43000	2	4.0	2.0	16.0	0.0	7.0	2.0	10.7	10.0	1.0	50	52.7
\$4,300,000	6	STP O 9	Kaysville City / Farmington City	Kaysville City	Kaysville/Farmington West Davis Connector	West Davis Corridor	Shepard Lane and I-15	New Construction	Capacity	Collector	1.08	This project will construct a new road connecting the proposed Shepard Lane interchange on I-15 to the West Davis Corridor and Sunset Drive. This new roadway will provide mobility and access to these two major transportation corridors. With this being a new roadway, 200 North in Kaysville was used for the traffic data.	\$10,833,600	\$10,100,000	9840	17000	2	8.0	4.6	6.0	0.0	19.0	0.0	9.0	6.0	0.0	52.6	52.6
\$0	7	STP O 5	Farmington	Farmington City	East Park Lane ROW Acquisition	Northwest Corner of SR 2255 and SR 106	310 West Park Lane	Reconstruction	Reconstruct	Minor Arterial	0.019	The north side of SR 225 is fully improved from Main St. to Lagoon Dr. except for a 100' gap which requires asphalt, curb & gutter, sidewalk, and additional ROW at 326 West Park Lane. The project will improve the street on the north side, and provide pedestrian access from Lagoon Dr. to the bus stops on SR 106.	\$169,800	\$158,305	6025	15000	4	1.0	17.5	20.0	0.0	4.4	0.0	1.3	8.0	0.0	40.5	52.2
\$0	8	STP O 26	Washington Terrace	Washington Terrace City	300 West Reconstruction	5000 South	Washington Terrace / Riverdale Boundary Line	Reconstruction	Reconstruct	Collector	0.7	300 West in Washington Terrace is used as a major alternate route between Riverdale Road and Washington Boulevard--in addition to carrying local traffic; bus traffic; and high school, middle school, and grade school vehicles. Current traffic volume is significantly heavier than the road was designed for, requiring excessive maintenance. This project includes complete reconstruction of the pavement section from the north City limits to 5000 South with an adequate load capacity, storm water conveyance improvements to reduce flooding, and some minor contour adjustments.	\$4,034,700	\$3,645,013	13960	20000	1	3.0	21.0	16.0	0.0	2.8	1.0	0.7	6.0	0.0	34.2	50.5
\$0	9	STP O 7	Kaysville City	Kaysville City	Mutton Hollow	Main Street	Fairfield Road	Intersections & Signals	Operations	Collector	0.91	Kaysville City plans to reduce traffic congestion and increase safety and mobility for pedestrians and bicyclists by installing traffic signals at the intersections of Main St/Mutton Hollow and Fairfield/Mutton Hollow. These intersections are on critical transportation corridors to residents, businesses and schools.	\$5,278,000	\$3,000,000	12885	17000	3	5.0	5.0	12.0	0.0	10.4	1.0	12.0	4.0	0.0	49	49.4
\$4,000,000	10	STP O 25	South Ogden City	South Ogden City	40th St. and Chimes View Dr Reconstruction Project	Riverdale Road	Washington Blvd.	Reconstruction	Reconstruct	Minor Arterial	0.8	40th Street is a regional east-west corridor in Weber County that carries traffic to and from Weber State University, McKay Dee Hospital and shopping opportunities in Riverdale, South Ogden and Ogden City. The lower sections that will be improved as a part of this project are necessary in order for this corridor to be able to accommodate the increasing traffic.	\$4,745,200	\$4,423,950	32000	38000	1	1.0	15.0	20.0	0.0	3.2	3.0	0.0	6.0	1.0	37	49.2
\$0	11	STP O 21	Ogden	UDOT - Region 1	Dual Left Turn Lanes on Wall Ave at 20th St	MP 2.55	MP 2.75	Intersections & Signals	Operations	Principal Arterial	0.2	This project is to help improve traffic operations for NB traffic on Wall Ave to turn left onto 20th St which connects to I-15	\$2,700,000	\$2,500,000	23600	33000	4	9.0	3.7	15.0	0.0	7.2	2.0	4.0	8.0	0.0	49.7	48.9

**STP Projects Submitted for Consideration for the 2019-2024 Surface Transportation Program (STP) Program**  
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Recommended Funding	Sort	Sort	City	Agency	Project Name	From Street	To Street	Project Improvement	Type of Project	Func Class	Length	Description	Tot Cost	Fed Fund	'09 ADT	'30 ADT	Sp Prior	Safety Score	Pavement Management Score	Cost Benefit Score	Delay Reduction Score	Growth Principles/Economic Imp	Existing ADT Score	Operation, TSM/TDM, ITS Imp Score	Traffic Growth Score	Existing Volume/Capacity Score	Total Score	Weighted Total
\$0	12	STP O 17	Harrisville City	Harrisville City Corporation	West Harrisville Road Widening	Highway 89	750 West	Widening	Reconstruct	Minor Arterial	0.578	This project will widen West Harrisville Road from Highway 89 to 750 West. This is a two lane road - one lane each direction with an inconsistent width of pavement. Widening the pavement to a consistent width would allow an additional lane for turning movements and increase safety and capacity.	\$3,797,500	\$3,423,872	9660	13000	1	4.0	21.0	16.0	0.0	4.0	0.0	0.7	2.0	0.0	33.2	47.7
\$1,223,364	13	STP O 12	North Salt Lake	North Salt Lake	Main Street Reconstruction	Center Street	350 North Street	Reconstruction	Reconstruct	Collector	0.44	This portion of Main Street is very old and is in desperate need of attention. Patching of the potholes has become a constant task and the asphalt is failing. The project is also needed to accommodate increased future traffic, as significant and rapid redevelopment is occurring in and around this neighborhood.	\$1,312,200	\$1,223,364	1925	5300	1	4.0	17.5	16.0	0.0	5.2	0.0	2.7	2.0	0.0	38.5	47.4
\$0	14	STP O 18	North Ogden	UDOT - Region 1	SR-235 (Washington Blvd) & SR-134 (2600 N)	Roughly 1000 ft from the intersection	South and West Legs	Intersections & Signals	Operations	Minor Arterial	0.5	This intersection is projected to operate at LOS E in 2024 and LOS F in 2040 during the PM peak hour with significant queuing if no improvements are made. To maintain acceptable operations at this location this project is proposed along with improvement to the North and East legs (by North Ogden City).	\$3,466,000	\$1,000,000	22385	28000	1	7.0	4.1	15.0	0.0	7.2	2.0	8.0	4.0	0.0	47.1	47.3
\$1,582,113	15	STP O 1	Brigham City	Brigham city Corporation	1200 West Box Elder Creek Bridge Widening Project	550 South	650 North	Widening	Reconstruct	Collector	0.22	To widen an existing bridge on 1200 West over Box Elder Creek that will accommodate increasing traffic volumes from growing industrial and commercial uses. The project is part of planned improvements for 1200 West which will provide a north/south corridor between SR-13 in Brigham City and SR-315 in Willard.	\$1,750,000	\$1,582,113	1820	14000	1	2.0	13.0	16.0	0.0	4.0	0.0	1.3	10.0	0.0	38.6	46.3
\$0	16	STP O 15	Woods Cross	Woods Cross City	800 West 1500 South Signal Project	800 W 1500 S Intersection	0	Intersections & Signals	Operations	Collector	0.2	800 W and 1500 S provide access for pedestrians, bicyclists, and vehicles to schools, Hogan Park, local businesses, City Hall, and other community buildings. Woods Cross plans to reduce traffic congestion and increase safety and mobility for all users by installing a traffic signal at the intersection of 800 W and 1500 S.	\$976,100	\$910,000	4125	10000	1	3.0	5.0	15.0	0.0	10.4	0.0	6.7	4.0	0.0	45	44.1
\$0	17	STP O 20	Ogden	Ogden City	20th Street Reconstruction	Monroe Blvd	Harrison Blvd	Reconstruction	Reconstruct	Minor Arterial	0.625	20th Street has been on the RTP for nearly 2 decades. Structurally, the pavement is distressed and is rated as poor. Severe cross-slopes, deep gutters and antiquated storm drain inlets are out of standard and are liabilities. 20th is a "gateway road" into Ogden, an improved roadway would reflect well on the City.	\$5,471,100	\$4,654,508	7170	11000	2	4.0	15.0	12.0	0.0	5.2	0.0	4.0	2.0	0.0	37	42.2
\$0	18	STP O 14	West Point	West Point City	300 North Widening	2000 West	3000 West	Reconstruction	Reconstruct	Collector	1	Wident to a three land section and install curb, gutter and sidewalk. Provide turn lanes at all intersections	\$3,787,200	\$3,508,431	7500	10500	1	0.0	20.5	12.0	0.0	4.8	0.0	2.0	2.0	0.0	30.1	41.3
\$950,000	19	STP O 16	Various	UDOT TOC	Connected Vehicle Infrastructure Deployment	Ogden/Layton Metro Area	Ogden/Layton Metro Area	ATMS or ITS	Operations	NA	Various	Continue to develop connected vehicle technology using vehicle to infrastructure systems to help maintain bus schedules. This project will utilize dedicated short range communication radio between traffic signals and UTA buses. This technique is intended to allow a bus that is behind schedule to request an extended green light cycle in order to help the bus maintain schedule.	\$1,200,000	\$1,124,000	20000	25000	1	0.0	0.0	15.0	0.0	2.4	2.0	16.0	4.0	0.0	36	39.4
\$0	20	STP O 19	North Ogden City	North Ogden City	450 East / 400 East widening - Phase II	Elberta Drive	3300 North	Widening	Capacity	Minor Arterial	0.597	To widen the existing roadway from one lane of travel in each direction to two lanes in each direction. This is a major collector street in the City that receives and distributes traffic from other collector/arterial roads and does not currently provide the level of service necessary.	\$10,508,400	\$7,288,162	9265	15000	1	5.0	4.2	9.0	0.0	12.0	0.0	4.0	4.0	0.0	38.2	38.2
\$0	21	STP O 2	Brigham City	Brigham City Corporation	1200 West Roadway Extension Project	Forest Street	750 South	New Construction	Reconstruct	Collector	1.08	Construction of about a one mile section of 1200 West between Forest Street and SR-91. The purpose of the project is to further the corridor connection between the 1100 West / SR-91 intersection and Forest Street.	\$6,059,100	\$5,532,361	100	7200	2	0.0	18.5	8.0	0.0	4.8	0.0	0.0	6.0	0.0	27.7	37.3
\$0	22	STP O 11	Layton	Layton City Corporation	West Davis Corridor Connection	Gentile and Layton Parkway	West Davis Corridor	New Construction	Capacity	Collector	1.3	Construction of 2700 West from the West Davis Corridor (WDC) to Gentile Street and Layton Parkway from 2200 West to 2700 West will provide greater access and improve traffic flow for the area as well as provide economic benefits for the surrounding community by having additional travel routes to and from the WDC.	\$15,921,100	\$14,843,242	7220	15000	1	6.0	3.5	6.0	0.0	11.0	0.0	3.0	6.0	0.0	35.5	35.5

**STP Projects Submitted for Consideration for the 2019-2024 Surface Transportation Program (STP) Program**  
**Projects (Highlighted in Yellow) represent those projects Recommended by the Transportation Technical Advisory Committee (TAC)**

Recommended Funding	Sort	Sort	City	Agency	Project Name	From Street	To Street	Project Improvement	Type of Project	Func Class	Length	Description	Tot Cost	Fed Fund	'09 ADT	'30 ADT	Sp Prior	Safety Score	Pavement Management Score	Cost Benefit Score	Delay Reduction Score	Growth Principles/Economic Imp	Existing ADT Score	Operation, TSM/TDM, ITS Imp Score	Traffic Growth Score	Existing Volume/Capacity Score	Total Score	Weighted Total
\$0	23	STP O 27	West Haven	West Haven City	3600 South	3500 West	Midland Drive	Widening	Reconstruct	Collector	1.24	The project includes milling/filling. 3600 South is a collector road for West Haven City that continues to see increased use. The improvement proposed will increase driver and pedestrian safety. This project will connect to the recently completed improvements on both the east and west ends.	\$10,631,000	\$9,829,239	1700	5000	1	4.0	20.5	4.0	0.0	2.8	0.0	0.0	2.0	0.0	20.1	33.3
\$0	24	STP O 23	Plain City	Plain City Corporation	North Plain City Road Project	3300 West	2800 West	widening	Reconstruct	Collector	0.89	This project will widen North Plain City Road between 3300 West and approximately 2800 West to the city boundary. The project will include adding shoulders, reconstructing the existing asphalt section, and adding road improvements such as curb, gutter and sidewalk.	\$7,360,800	\$6,862,474	1621	2600	1	3.0	20.5	0.0	0.0	3.6	0.0	2.0	0.0	0.0	19.1	29.1
\$0	25	STP O 24	South Ogden	UDOT - Region 1	US-89 & Skyline Dr Intersection	1000 ft from Intersection	On South, North, and East Legs	Intersections & Signals	Operations	Collector	0.5	Additional green time is not available at this intersection. Dual left turn lanes can serve more traffic with less left turn green time on Skyline Dr. The existing auxiliary lane on US-89 is too short to make the lane attractive to drivers. Extending the auxiliary lane an additional 500 feet creates a more attractive lane, which evens out lane utilization through the intersection, improving operations.	\$2,515,600	\$1,500,000	1005	1200	2	6.0	4.1	3.0	0.0	7.2	0.0	5.3	0.0	2.0	28.1	27.6
\$0	26	STP O 10	Layton	Layton City Cooperation	Antelope Drive Pedestrian Overpass	Approx. 700 West	650 West	Pedestrian	Other	Minor Arterial	0.04	With an ADT of nearly 30,000 vehicles per day, Antelope Drive proves dangerous for children ages 5 to 11 who make the north/south crossing to attend Lincoln Elementary at approximately 650 W. A pedestrian overpass will eliminate the daily risk that an estimated 385 students face at the Antelope Drive pedestrian crossing.	\$2,800,000	\$2,610,000	23515	20000	3	5.0	3.7	12.0	0.0	2.0	2.0	0.0	0.0	2.0	26.7	26.7
\$0	27	STP O 3	Perry City	Perry City Corporation	Highway 89 Pedestrian Overpass	West side of 89	East side of 89	Pedestrian	Other	NA	0.106	The project will be to construct an overpass across Highway 89 at approximately 2500 south.	\$5,672,700	\$5,172,121	100	200	2	4.0	3.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	13	13.0
<b>\$17,407,398</b>													<b>Total Ogden/ Layton Urban Area STP Funds Available to Program for FY2024</b>					<b>\$17,437,053</b>										

**STP Projects Submitted for Consideration for the 2019-2024 Surface Transportation Program (STP) Program**  
**Projects (Highlighted in Yellow) represent those projects Recommended by the Transportation Technical Advisory Committee (TAC)**

Recommended Funding	Sort	Sort	City	Agency	Project Name	From Street	To Street	Project Improvement	Type of Project	Func Class	Length	Description	Tot Cost	Fed Fund	'09 ADT	'30 ADT	Sp Prior	Safety Score	Pavement Management Score	Cost Benefit Score	Delay Reduction Score	Growth Principles/Economic Imp	Existing ADT Score	Operation, TSM/TDM, ITS Imp Score	Traffic Growth Score	Existing Volume/Capacity Score	Total Score	Weighted Total
\$4,200,000	1	STP S 20	Sandy	UDOT Region Two	Monroe and SR-209 (90th S)	Monroe	SR-209	Intersections & Signals	Operations	Principal Arterial	0.15	The purpose of this project is to widen Monroe and SR-209 to provide dual left turn lanes in all directions. This improvement would allow for less congestion by removing turning movements from the thru lanes and by clearing the left turn queue more efficiently.	\$6,145,100	\$5,729,077	23275	38000	3	8.0	4.6	12.0	0.0	10.4	2.0	12.0	10.0	1.0	59.6	60.0
\$1,000,000	2	STP S 25	West Jordan	West Jordan City	7000 South	1300 West	SR-154 Bangerter Highway	Study	Other	Minor Arterial	2.5	This project is a valued portion of the overall WFRC plan for future traffic movement in the Salt Lake Valley. Presently there are 25,000 plus vehicles per day that use this important east-west arterial street. This traffic is projected to grow to up to 50,000 vehicles per day. This arterial therefore requires the widening as envisioned. This project will complete the NEPA documentation process to allow the future widening of 7000 South from an existing 4 and 5 lane roadway to a full 5 to 7 lanes with shoulders from 1300 West to SR-154.	\$2,000,000	\$1,860,000	22000	44000	2	10.0	4.2	15.0	0.0	8.0	2.0	9.0	10.0	1.0	59.2	59.2
\$3,270,000	3	STP S 7	Draper	Draper City	1300 East	Wayne's World Dr	Nashi Ln	Reconstruction	Reconstruct	Minor Arterial	0.35	Reconstruct and widen 1300 East to provide a continuous 3 lane section with shoulders/bike lanes, curb, gutter, and sidewalks, and improve the function of the intersection at Wayne's World Drive (13800 South).	\$3,600,000	\$3,270,000	11000	15000	2	8.0	25.0	16.0	0.0	3.6	1.0	1.3	4.0	0.0	41	58.9
\$4,500,000	4	STP S 28	West Valley City, Kearns	Salt Lake County/West Valley City	4700 South Reconstruction and Widening	4000 West	5600 West	Widening	Capacity	Principal Arterial	2.01	The project is needed to meet capacity needs, by improving capacity at the intersections, railroad crossings, reconstructing and widening canal bridges, and to reconstruct the existing pavement with its various deficiencies.	\$16,367,300	\$15,259,234	19000	38000	1	10.0	5.0	9.0	0.0	7.0	1.0	10.0	10.0	1.0	53	53.0
\$4,300,000	5	STP S 15	Salt Lake City	Salt Lake City	1300 East/Richmond Street Reconstruction (Segment 2)	2100 South	Southern City Boundary	Reconstruction	Reconstruct	Principal Arterial	0.33	This project encompasses pavement improvements for this deteriorated street, including removal and replacement of the pavement, curb and gutter, and pedestrian improvements. This project will incorporate Complete Streets concepts to make pedestrian, bicycle, & transit safety improvements.	\$6,975,600	\$6,503,352	32000	35000	1	4.0	13.8	16.0	0.0	5.2	3.0	3.3	2.0	1.0	42.75	48.3
\$4,000,000	6	STP S 22	South Salt Lake	South Salt Lake	700 West Reconstruction; 3300 South to Carlisle Street (3655)	3300 South	Carlisle Street (3655)	Reconstruction	Reconstruct	Collector	0.57	700 West is a collector road that serves residential areas, the County Jail, a UTA maintenance facility, and light industrial businesses. 700 West carries a high volume of trucks, causing accelerating pavement deterioration. This project will replace the failing asphalt pavement with concrete pavement, and upgrade pedestrian and drainage facilities by filling in sidewalk, curb and gutter; and adding bike lanes.	\$6,571,575	\$6,118,032	6975	7500	1	6.0	25.0	8.0	0.0	3.2	0.0	6.0	0.0	0.0	34	48.2
\$550,000	7	STP S 2	Bluffdale	Bluffdale/UDOT	14600 South Hi-T Intersection	MP 39	MP 39	New Construction	Operations	Principal Arterial	0.3	This project scope is to install a new Hi-T intersection at Redwood Road and 14600 South, where the City of Bluffdale is planning to extend 14600 South. Currently, the intersection of 14400 South and Redwood Road is functioning at a level service F. The intersection is insufficient primarily because the geometry of the 14400 South and its connection to 1690 West and Loumis Parkway less than 300 feet from the intersection block vehicles on Redwood Road and on 14600 South. The left turn movement onto Loumis Parkway is dangerous because of poor sight distance and geometry.	\$600,000	\$550,000	29155	43922	0	6.0	3.0	15.0	0.0	2.4	2.0	6.7	10.0	1.0	44.95	46.0
\$0	8	STP S 14	Murray	UDOT Region Two	SR-89 (State Street) and Vine Intersection	Poplar Street	SR-89	Intersections & Signals	Operations	Minor Arterial	0.15	The purpose of this project is to extend the left turn lanes for the EB to NB and NB to WB movements. This is a busy intersection and significant redevelopment is planned in the area. Extending the turn pockets will reduce congestion by removing turning traffic from thru lane.	\$311,500	\$290,411	27570	36000	1	7.0	4.1	15.0	0.0	7.2	2.0	2.7	8.0	0.0	47.1	46.0
\$1,499,977	9	STP S 24	West Jordan	West Jordan City	7000 South and 1500 West Pedestrian Bridge	South Side of 7000 South (1500 West)	North Side of 7000 South (1500 West)	New Construction	Other	Minor Arterial	0.1	Heartland Elementary School needs to have a pedestrian bridge for the safety of children crossing 7000 South, which is slated to expand from its present 4 lane configuration to seven lane configuration in the future. This project will salvage a bridge span from 10600 South an 1300 West to save on project costs.	\$1,608,900	\$1,499,977	23975	50000	1	5.0	3.7	15.0	0.0	9.0	2.0	0.0	10.0	0.0	44.7	44.7
\$0	10	STP S 21	South Jordan City	South Jordan City	1000 West	10000 South	10200 South	Widening	Reconstruct	Local	0.25	Reconstruct roadway with minor widening to 3-lanes, including center turn lane. Also curb & gutter, sidewalk, park strips, shoulder pavement, and if necessary, streetlights and utilities.	\$1,217,300	\$1,134,889	2000	4000	1	3.0	20.5	16.0	0.0	3.2	0.0	0.0	2.0	0.0	29.1	44.7

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\$0	11	STP S 6	Cottonwood Heights	Cottonwood Heights	Highland Drive Reconstructon	I-215	Bengal Blvd	Reconstruction	Other	Minor Arterial	1.25	The purpose of this project is primarily a pavement rehabilitation project milling off 6-inches of asphalt and an overlay of 6-inches on the existing pavement. This project also includes the construction of ADA ramps and sidewalks to improve pedestrian access.	\$3,611,700	\$3,326,167	52195	58000	2	5.0	4.6	15.0	0.0	9.0	5.0	1.0	4.0	0.0	43.6	43.6
\$0	12	STP S 19	Sandy	Sandy City	Automall Drive Roundabout	11000 South	State Street	Reconstruction	Operations	Collector	0.355	Sandy City/JUB completed a modeling analysis of Automall Dr. from 11000 South to State St in August of 2017. The goal of the analysis was to examine existing conditions and provide improvement recommendations. An additional lane in each direction and a roundabout at the Costco intersection was the recommended proposal.	\$5,356,300	\$4,980,626	10930	19110	1	4.0	3.7	12.0	0.0	10.4	1.0	4.0	8.0	0.0	44.7	43.1
\$1,255,528	13	STP S 9	Magna Metro Township	Magna Metro Township	8000 West Roadway Improvements	2600 South	3100 South	New Construction	Reconstruct	Collector	0.65	Construct sidewalk, curb and gutter on the west side of 8000 West from the existing sidewalk at about 2600 South to the 3100 South intersection.	\$1,346,700	\$1,255,528	10000	12000	1	5.0	10.0	20.0	0.0	4.8	1.0	0.0	2.0	0.0	37	42.8
\$0	14	STP S 10	Millcreek	Millcreek City	3300 South Sidewalk Safety	2600 East	2700 East	New Construction	Other	Principal Arterial	0.1	Construct sidewalk, curb and gutter on the north side of 3300 S. There is little to no shoulder and pedestrians are often seen walking in the travel lane. Sidewalk here is identified as a critical need in the Walk Millcreek Plan (2015) and 3300 S Sidewalk Safety Study (2016)	\$429,500	\$400,423	18740	23000	2	8.0	0.5	15.0	0.0	13.0	1.0	0.0	4.0	0.0	41.5	41.5
\$0	15	STP S 12	Murray	Murray City	Winchester and 700 West	Intersection of Winchester and 700 West	0	Widening	Operations	Collector	0.25	The purpose of this project is to improve safety and operation of the intersection by replacing an aging signal, widening lanes for right turns while improving curve radii and improving pedestrian access.	\$2,257,700	\$2,104,854	10790	17000	1	7.0	1.1	12.0	0.0	7.2	1.0	5.3	6.0	0.0	40.1	39.6
\$119,894	16	STP S 4	Bluffdale	Bluffdale/ UDOT	14600 S Railroad Crossing	NA	NA	Study	Other	Minor Arterial	1	Perform an engineering study of alternatives to replace the existing one-lane railroad crossing on 14600 South with a crossing that meets future geometry and aligns with 14600 South.	\$128,600	\$119,894	3760	11000	0	6.0	0.5	15.0	0.0	9.0	0.0	2.0	6.0	1.0	39.5	39.5
\$4,000,000	17	STP S 11	Millcreek	Millcreek City	3900 S: 2300 East to Wasatch Blvd	2300 East	Wasatch Blvd	Reconstruction	Reconstruct	Minor Arterial	1.45	Create a safer environment for all users including the construction of curb, gutter, sidewalk, ADA ramp, enhanced bus stops, eliminate open ditch and pipe irrigation/Storm Drainage, a bicycle facility, lighting and the relocation of utility poles out of asphalt, along 3900 South from 2300 East to Wasatch Blvd.	\$8,652,500	\$8,066,726	11067	13000	1	6.0	13.8	8.0	0.0	5.2	1.0	5.3	0.0	0.0	36.75	39.3
\$0	18	STP S 3	Bluffdale	Bluffdale/ UDOT	14600S Sidewalk and Bike Lanes	MP0	MP1	Widening	Other	Minor Arterial	0.75	14600 South is a main east/west thorough way in Bluffdale City. The section of roadway between Redwood Road and the railroad trestle consists of two travel lanes with limited curb, sidewalk and gutter. To improve the level of service the City intends to widen the roadway, add bicycle lanes and sidewalk, curb and gutter. This will help accommodate a wide range of users and provide a safe mode of transport for pedestrians. The addition of the bicycle lanes with promote outdoor activities and decrease automobile pollution.	\$1,142,000	\$1,064,687	3760	11000	3	4.0	4.6	15.0	0.0	9.0	0.0	0.0	6.0	0.0	38.6	38.6
\$0	19	STP S 27	West Valley City	West Valley City	Parkway Blvd (2700 S) Widening	Mountain View Corridor	6400 West	Widening	Capacity	Collector	0.5	The purpose of this project is to build additional capacity to meet current and future traffic demand on Parkway Blvd.	\$5,392,000	\$4,994,331	13269	15000	2	7.0	5.0	9.0	0.0	9.0	1.0	6.0	0.0	0.0	37	37.0
\$0	20	STP S 29	Various	UDOT/TOC	Connected Vehicle Infrastructure Deployment	Salt Lake City - Metro Area	Salt Lake City	ATMS or ITS	Operations	NA	Various	Continue to develop connected vehicle technology using vehicle to infrastructure systems to help maintain bus schedules. This project will utilize dedicated short range communication radio between traffic signals and UTA buses. This technique is intended to allow a bus that is behind schedule to request an extended green light cycle in order to help the bus maintain schedule.	\$1,200,000	\$1,124,000	25000	35000	1	0.0	0.0	15.0	0.0	2.4	2.0	16.0	0.0	0.0	32	35.4

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\$0	21	STP S 8	Draper	Draper City	Lone Peak Parkway	12650 South	12300 South	Widening	Capacity	Minor Arterial	0.4	Lone Peak Parkway is a north/south minor arterial just west of I-15. Currently, Lone Peak Pkwy begins at the northern limits of Draper City at 11400 South and terminates at Golden Harvest Rd. The project under this request will reconstruct 0.4 miles of the existing road from 12650 S to 12300 S. This section has problematic geometry and is not wide enough to accommodate the planned 5-lane section. Lone Peak Pkwy is identified as a Phase 1 Highway Project in the WFRC Regional Transportation Plan.	\$6,100,000	\$4,870,000	12125	15000	1	5.0	5.0	9.0	0.0	10.0	1.0	1.0	2.0	0.0	33	33.0
\$655,220	22	STP S 23	Taylorsville	Taylorsville	1780 BRT Connector Road	Bruin Blvd	4700 S	Transit Capital	Transit	Collector	0.15	The Murray-Taylorsville-West Valley BRT project is a critical regional and local transit project for Salt Lake Valley. The Transit project's purpose is to provide a reliable, efficient transit system and connection between the Murray Central TRAX and FrontRunner stations, Taylorsville, Salt Lake Community College and the West Valley Central TRAX Station. As part of the overall BRT project 1780 W will allow the BRT to better access SLCC from 4700 S and leave SLCC via Redwood Road.	\$1,002,800	\$655,220	1700	3500	1	1.5	1.0	16.0	0.0	13.0	0.0	1.3	0.0	0.0	30	32.8
\$700,000	23	STP S 26	West Jordan	West Jordan City	8600 South Bridge over MVC	5600 West	6000 west	New Construction	Capacity	Minor Arterial	0.5	8600 South is a major collector street on the west side of the Salt Lake Valley, and is projected to carry 15,000 to 25,000 VPD by the year 2030. This crossing connects to Ron Wood Park, a regional park for the entire west half of the City of West Jordan, serving approximately 50,000 residents. A major recreation center (\$45 to \$50 million) is designed and will be built within this park once full funding is secured. This bridge is the essential connector for that project, and to provide greater connectivity to the existing residents living west of the MVC.	\$17,900,000	\$4,000,000	8000	10000	3	0.0	4.2	9.0	0.0	15.0	0.0	2.0	2.0	0.0	32.2	32.2
\$372,361	24	STP S 16	Salt Lake City	Utah Transit Authority	University of Utah Hospital Stop Expansion	0	0	Transit Capital	Transit	NA	0	The U of U is a large transit trip generator in Salt Lake City and one of the major stops is the Hospital. Currently there are limited bays for bus staging, which result in backups and traffic jams. This project would extend the bus bays and allow more buses to serve the area simultaneously.	\$399,400	\$372,361	1500	1750	4	0.0	0.5	16.0	0.0	12.0	0.0	2.7	0.0	0.0	26.5	31.2
\$0	25	STP S 13	Murray	UDOT Region Two	SR-89 (State Street) and 5300 South Intersection	SR-89	5300 South	Intersections & Signals	Operations	Minor Arterial	0.06	The purpose of this project is to add a WB to NB right turn lane at 5300 S and SR-89 (State Street). This is one of the busiest intersections in Murray and congestion is a problem throughout the day. The right turn lane will reduce congestion by removing right turn traffic from the thru lane.	\$525,000	\$489,458	10100	14000	2	7.0	0.6	15.0	0.0	2.4	1.0	0.0	2.0	0.0	28.6	28.0
\$0	26	STP S 1	Bluffdale	City of Bluffdale	1950 West Sidewalk	MPO	MP1	Pedestrian	Other	Local	0.41	This project will provide a pedestrian connection for a planned commercial center at the intersection of Redwood Road and 14000, and the surrounding neighborhood. Currently, there is no sidewalk and pedestrians must use the road. This project will install sidewalks with park strip that will allow residents to safely walk to the planned commercial center. This will reduce the total number of vehicle trips and increase the separation of vehicles and pedestrians, thereby increasing safety.	\$232,000	\$205,911	900	1500	3	1.0	4.5	12.0	0.0	8.0	0.0	0.0	0.0	0.0	25.5	25.5
\$0	27	STP S 5	Bluffdale	Bluffdale/UDOT	Pony Express Realignment	NA	NA	Reconstruction	Operations	Collector	0.75	Realign Pony Express Road in Bluffdale to connect to Porter Rockwell Blvd. instead of 14600 South at the I-15 interchange. This will eliminate the existing Y-Intersection and divert most traffic accessing the I-15 interchange from the frontage road to Porter Rockwell Blvd.	\$5,335,900	\$4,974,660	3100	8700	2	5.0	0.0	6.0	0.0	5.6	0.0	2.7	4.0	0.0	24	23.3
\$0	28	STP S 18	Sandy	Salt Lake County	Galaxie Drive Safety Improvements	1300 E Galaxie Drive (8815 S)	1300 E Galaxie Drive (8815 S)	Intersections & Signals	Operations	Minor Arterial	0	Unincorporated Salt Lake County is requesting at Galaxie Drive/1300 East a signal to improve safety and the function of the intersection in Sandy Hills Community. Funding to install a signal at this intersection and removal of the median along 1300 East south of Galaxie Drive are the goals of the project.	\$552,600	\$515,189	13500	17000	0	1.0	0.7	15.0	0.0	2.4	1.0	0.0	2.0	0.0	22.7	22.1
\$0	29	STP S 17	Salt Lake County	Salt Lake County	Emigration Canyon Retaining Wall	4877 E Emigration Canyon Rd	5646 E Emigration Canyon Rd	New Construction	Other	Collector	0.1	An Emigration Canyon hazard study was completed in 2016, identifying safety issues in the canyon. The County is in the process of spending \$1.0M to address some of these issues. However, additional funding is necessary to construct two retaining walls the report identifies as top safety priorities.	\$4,739,500	\$4,418,636	3030	3500	1	2.0	4.1	3.0	0.0	12.0	0.0	0.0	0.0	0.0	21.1	21.1
<b>\$30,422,980</b>													<b>Total Salt Lake/ West Valley Urban Area STP Funds Available to Program for FY2024</b>					<b>\$30,758,457</b>										

**DATE:** April 12, 2016  
**AGENDA ITEM:** 4d  
**SUBJECT:** ACTION on New Projects for Draft 2019-2024 Congestion Mitigation/ Air Quality Program  
**PREPARED BY:** Ben Wuthrich

**BACKGROUND:**

The Wasatch Front Regional Council is responsible for programming Congestion Mitigation/ Air Quality Program (CMAQ) funds for the Salt Lake/ West Valley and the Ogden/ Layton Urbanized Areas. The annual apportionments for CMAQ funds are projected to be approximately \$5,600,000 through the year 2024 with \$4,770,000 available to program in the Salt Lake/ West Valley Area for 2024. About \$3,000,000 in annual apportionments are anticipated in the Ogden/ Layton Area with \$3,640,000 available to program for 2024.

In the fall of 2017, WFRC staff requested that potential project sponsors submit letters of intent to apply for the available CMAQ funds. Sponsors were then asked to prepare a project concept report and a CMAQ emission analysis form, providing further detail on their projects. The WFRC staff and the Technical Advisory Committees (TACs) used these reports, a field review of all projects in March, technical criteria, and other relevant professional considerations to evaluate each of the projects submitted.

Based on this evaluation, at their meetings on March 28, the Trans Com TACs (composed of the region's municipal engineers and other professionals representing their respective area or municipality) developed a recommendation of projects to add to the 2019-2024 CMAQ program. The attached tables "CMAQ Projects Submitted for Consideration for the 2019-2024 Congestion Mitigation/ Air Quality (CMAQ) Program" show the projects submitted for consideration. The highlighted projects indicate those recommended by the TAC to be added to the 2019-2024 CMAQ program with the recommended funding amount listed in the left-hand column.

**CONTACT PERSON:**

Ben Wuthrich (801) 363-4230 ext 1121

**RECOMMENDATIONS:**

The WFRC staff and the Trans Com Technical Advisory Committees recommend that Trans Com make a motion "to recommend that the Regional Council approve the projects discussed, reviewed, and recommended be added to the 2019-2024 Congestion Mitigation/ Air Quality Program."

**EXHIBITS:**

Spreadsheets showing recommended CMAQ Projects for the Salt Lake/ West Valley and the Ogden/Layton Areas

**CMAQ Projects Submitted for Consideration for the 2019-2024 Congestion Mitigation/ Air Quality (CMAQ) Program**

Recommended Funding	AQ Rank	Project	Agency	Project Type	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ \$
	<b>Ogden\ Layton Urban Area</b>										
\$ 130,522	1	UTA - Vanpool Management-WE	Utah Transit Authority (UTA)	Vanpool Management	Manage 168 vanpools.	1	330.855	1085.708	118.312	\$ 140,000	\$ 130,522
\$ 31,232	2	UTA - Carpool Management-WE	Utah Transit Authority (UTA)	Carpool Management	Manage 176 carpools.	1	204.843	150.228	17.528	\$ 33,500	\$ 31,232
0	3	UTA - Locomotive Upgrade	Utah Transit Authority (UTA)	Locomotive Upgrade	Upgrade 7 Front Runner locomotives to Tier 3 emission standards.	10	162.649	0.000	62.386	\$ 1,400,000	\$ 1,305,220
0	4	Washington & 2600 North Intersection	Ogden \ UDOT	Intersection	withdrawn	5	48.000	448.260	26.301	\$ 3,466,000	\$ 1,000,000
\$ 1,400,000	5	US-89 & Skyline Drive Intersection	South Ogden \ UDOT	Intersection	Add left turn lanes and extend right turn lane.	5	7.528	105.451	6.187	\$ 2,515,600	\$ 1,500,000
0	6	Midland Drive & 1800 North Intersection	Clinton \ UDOT	Intersection	Dual Left Turn Lanes on SR-108 at 1800 N - Clinton	5	7.203	100.904	5.920	\$ 3,000,000	\$ 1,500,000
\$ 555,000	7	Ogden - Pedestrian	Ogden City	Pedestrian	Add sidewalk on Polk Ave. from 36th to Franklin leading to elementary school. Channelize large "Y" area for safety.	10	3.639	0.416	0.553	\$ 595,302	\$ 555,000
0	8	Ogden-WSU BRT Construction	Utah Transit Authority (UTA)	BRT - WSU	Capital costs to construct BRT service from the Ogden Intermodal Center to WSU.	10	1.641	11.048	2.248	\$ 75,000,000	\$ 5,000,000

**CMAQ Projects Submitted for Consideration for the 2019-2024 Congestion Mitigation/ Air Quality (CMAQ) Program**

Recommended Funding	AQ Rank	Project	Agency	Project Type	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ \$
<b>Ogden\ Layton Urban Area</b>											
0	9	Perry - Pedestrian	Perry City	Pedestrian	Construct a walking/biking trail on 1200 W from 2700 S to 3300 S.	10	0.943	0.282	0.172	\$ 839,800	\$ 666,408
\$ 1,500,000	10	Wall Av & 20th Street Intersection	Ogden \ UDOT	Intersection	Add dual left turn lanes.	5	0.417	9.747	0.572	\$ 2,700,000	\$ 2,500,000
0	11	Connected Vehicle Infrastructure Deployment	UDOT TOC	ATMS	Continue to develop connected vehicle technology using vehicle to infrastructure systems to help maintain bus schedules.	5	0.005	0.051	0.003	\$ 1,200,000	\$ 1,124,400

**\$ 3,616,754 Amount Programmed**

**Amount Available**

**\$ 3,648,415**

**CMAQ Projects Submitted for Consideration for the 2019-2024 Congestion Mitigation/ Air Quality (CMAQ) Program**

Recommended Funding	AQ Rank	Project	Agency	Project Type	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ \$
<b>Salt Lake/ West Valley Area</b>											
\$ 270,367	1	UTA - Vanpool Management-SL	Utah Transit Authority (UTA)	Vanpool Management	Manage 118 vanpools in the Ogden/Layton area.	1	195.953	1545.753	145.15	\$ 290,000	\$ 270,367
\$ 932,300	2	UTA - Locomotive Upgrade	Utah Transit Authority (UTA)	Locomotive Upgrade	Upgrade 5 FrontRunner locomotives from Tier 0 to Tier 3 emission standards.	10	129.079	0.000	35.36	\$ 1,000,000	\$ 932,300
\$ 55,938	3	UTA - Carpool Management-SL	Utah Transit Authority (UTA)	Carpool Management	Manage 141 carpools in the Ogden?Layton area.	1	123.665	187.519	18.95	\$ 60,000	\$ 55,938
	4	SLC - Transportation Mgmt. Organization	Salt Lake City	Transportation Mgmt. Organization	Salt Lake City Transportation Management Organization for Research Park and Redwood Road commercial area. Hire personnel to work with employers to promote carpools, vanpools, transit use, telecommuting, walking, and biking.	3	119.566	817.456	48.04	\$ 500,000	\$ 440,000
	5	14600 South & Redwood Road High -T Intersection	Bluffdale City	Intersection	Reconfigure the intersection to a "High-T" to allow more turn lane storage and eliminate long queues,reduce turning collicts, and reduce overall delay.	5	58.301	299.452	17.57	\$ 600,000	\$ 550,000
\$ 400,000	6	SLC Bike Share (GREENbike) Expansion	Salt Lake City	Bicycle	Add 120 bikes to Green Bike operation with stations.	10	17.199	8.989	2.80	\$ 637,027	\$ 593,900
	7	Big Cottonwood Canyon - Park & Ride Improvements	Cottonwood Heights	Park & Ride	Reconfigure the bus access and operation at BCC Park & Ride. Replace some long term parking stalls with several pick-up/drop-off stalls. Add a pedestrian overpass.	30	9.128	0.000	2.02	\$ 6,415,800	\$ 2,424,726
	8	UTA - Bus Stop Improvements	Utah Transit Authority (UTA)	Bus Stop Upgrades	Bus stop enhancements, 20 locations.	10	5.616	9.299	2.22	\$ 1,440,000	\$ 1,342,512

**CMAQ Projects Submitted for Consideration for the 2019-2024 Congestion Mitigation/ Air Quality (CMAQ) Program**

Recommended Funding	AQ Rank	Project	Agency	Project Type	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ \$
<b>Salt Lake/ West Valley Area</b>											
\$ 290,411	9	SR-89 (State Str) and Vine Intersection	Murray/ UDOT	Intersection	Extend storage length for left turn lanes.	5	5.149	13.966	0.82	\$ 311,500	\$ 290,411
	10	7800 S & 6700 W Intersection	West Jordan City	Intersection	Signal installation is not eligible for CMAQ.	5	4.782	22.329	1.31	\$ 1,000,000	\$ 500,000
\$ 489,458	11	SR-89 (State Str) and 5300 South Intersection	Murray/ UDOT	Intersection	Add right turn lanes.	5	3.514	16.062	0.94	\$ 525,000	\$ 489,458
\$ 1,064,687	12	14600 South Sidewalk and Bike Lanes	Bluffdale City	Bicycle	Add ped/bike path on 14600 S from RR bridge to Redwood Rd.	10	2.780	1.691	0.81	\$ 1,142,000	\$ 1,064,687
	13	7000 S & 2700 W Intersection	West Jordan City	Intersection	Add right turn lanes.	5	1.031	9.589	0.56	\$ 1,318,100	\$ 995,790
	14	Monroe & 9000 South (SR-209) Intersection	Sandy/ UDOT	Intersection	Add left turn lanes on three legs of the intersection (4th leg already has dual lefts).	5	0.835	44.658	2.62	\$ 6,145,100	\$ 5,729,077
\$ 1,200,000	15	Highland & 4500 South Intersection	Holladay City	Intersection	Add right turn and left turn lanes on all legs.	5	0.062	1.356	0.08	\$ 2,597,900	\$ 2,328,792
	16	Connected Vehicle Infrastructure	UDOT	ATMS	Continue to develop connected vehicle technology using vehicle to infrastructure systems to help maintain bus schedules.	5	0.020	0.214	0.01	\$ 1,200,000	\$ 1,124,400

**\$ 4,703,161**

**Amount Programmed**

**Amount Available**

**\$ 4,781,317**

**DATE:** April 12, 2018  
**AGENDA ITEM:** 4e  
**SUBJECT:** ACTION on New Projects for Draft 2020 Transportation Alternatives Program (TAP)  
**PREPARED BY:** Ben Wuthrich

**BACKGROUND:**

The Wasatch Front Regional Council is responsible for programming the Transportation Alternatives Program (TAP) funds for the Salt Lake/ West Valley and the Ogden/ Layton Urbanized Areas. These funds are for bicycle and pedestrian projects. The annual apportionments for TAP funds for FY2020 are projected to be approximately \$900,000 with \$990,000 available to program in the Salt Lake/ West Valley area. About \$500,000 in annual apportionments for the Ogden/ Layton Area is expected for FY2020 with \$591,000 available to program.

In the fall of 2017, the WFRC staff requested that potential project sponsors submit letters of intent to apply for the available funds. Sponsors were then asked to prepare a project concept evaluation report providing further detail on their projects. The WFRC staff and the Trans Com Technical Advisory Committees (TAC) used these reports, a field review of all projects in March, technical criteria, and other relevant professional considerations to evaluate each of the projects submitted.

Based on this evaluation, at their meeting on March 28<sup>th</sup>, the Trans Com TACs (composed of the region's municipal engineers and other professionals representing their respective area or municipality) developed a recommendation of projects to add to the FY2020 TAP. The attached tables "Projects Submitted for Consideration for the FY 2020 Transportation Alternatives Program (TAP) Funds" show the projects submitted for consideration. The dark blue highlighted projects with a recommended funding amount in the left-hand column indicate those recommended by the TAC to be added to the draft program.

**CONTACT PERSON:**

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**RECOMMENDATIONS:**

The WFRC staff and the Trans Com Technical Advisory Committees recommend that Trans Com make a motion "to recommend that the Regional Council approve the projects discussed, reviewed, and recommended be added to the FY2020 Transportation Alternatives Program."

**EXHIBITS:**

Spreadsheets showing recommended TAP Projects for the Salt Lake/ West Valley and the Ogden/Layton Areas





