

295 North Jimmy Doolittle Rd.
Salt Lake City, UT 84116
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www.wfrc.org

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Utah Association of Counties

Robert Grow
Envision Utah

Evan Curtis
State Planning Coordinator

Andrew Gruber
Executive Director



April 13, 2017

To Members of Trans Com and Other Interested Persons:

A meeting of Trans Com will be held on **Thursday, April 20, 2017 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 16, 2017 meeting
2. Opportunity for public comment
3. Transportation Improvement Program
 - a. Report on Board Modifications to the 2017-2022 TIP
 - b. ACTION on Board Modifications to the 2017-2022 TIP
 - c. Discussion of Transportation Investment Fund TIP Modifications
 - d. ACTION on New Projects for Draft 2018-2023 Surface Transportation Program
 - e. ACTION on New Projects for Draft 2018-2023 Congestion Mitigation Air Quality Program
 - f. ACTION on New Projects for Draft 2019 Transportation Alternatives Program
4. Other business

Next Meeting: June 15, 2017

Sincerely,

Mayor Karen Cronin
Chair

***Upcoming Events:
UTA Transit Academy – May 31, 2017***

Note: Informational materials can be located on WFRC's website: www.wfrc.org

Public participation is solicited without regard to age, sex, disability, race, color or national origin. Persons who require translation for a meeting should contact the WFRC's Title VI Administrator at 801-363-4250 or sam@wfrc.org at least 72 hours in advance.

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 a WFRC's Administrador de Título VI al teléfono 801-363-4250 o sam@wfrc.org por lo menos 72 horas antes de la reunión.



TRANSPORTATION COORDINATING COMMITTEE (Trans Com)
Minutes - Meeting of February 16, 2017

Mayor Karen Cronin called Trans Com to order at 2:04 p.m. at the Wasatch Front Regional Council offices located at 295 North Jimmy Doolittle Road, Salt Lake City, Utah. Introductions were made. [Recording: 00:00:25]

2017 TRANS COM MEMBERS	IN ATTENDANCE
BOX ELDER COUNTY	
Member - Karen Cronin (Perry)	Yes
Alternate - Jeff Scott (Box Elder)	
DAVIS COUNTY	
Member - Beverly MacFarlane (Sunset)	Yes
Alternate - Bret Millburn (Davis County)	
Member - Mitch Adams (Clinton)	Yes
Alternate - Kenneth Romney (West Bountiful)	
MORGAN COUNTY	
Member- Austin Turner	
Alternate - Robert Kilmer	
Alternate - Ned Mecham	
SALT LAKE COUNTY	
Member - Bill Applegarth (Riverton)	Yes
Alternate - Michael Jensen (SL County Council)	
Member - JoAnn Seghini (Midvale)	
Member - Carmen Freeman (Herriman)	Yes
Member - Kelvyn Cullimore (Cottonwood Heights)	Yes
Alternate - Troy Walker (Draper)	
Alternate - Robert Dahle (Holladay)	
Alternate - Derk Timothy (Bluffdale)	Yes
TOOELE COUNTY	
Member - Brent Marshall (Grantsville)	
Alternate - Wade Bitner (Tooele County)	Yes
WEBER COUNTY	
Member - Toby Mileski (Pleasant View)	Yes
Alternate - James Ebert (Weber County)	
Member - Norm Searle (Riverdale)	Yes
Alternate – Jim Harvey (Weber County)	
OTHER APPOINTMENTS	
Utah Transportation Commission:	
Member - Meghan Holbrook	
Member - Dannie McConkie	Yes
UTA Board of Trustees:	
Member – Jeff Hawker	
Member - Robert McKinley	Yes

Utah Air Quality Board:	
Member - Erin Mendenhall	
NON-VOTING MEMBERS	
UDOT Representative:	
Member - Shane Marshall	
Alternate - Nathan Lee	
UTA Representative:	
Member - Matt Sibul	
Alternate - GJ LaBonty	
Air Quality Board, DAQ Staff Representative:	
Bryce Bird	
FHWA - Utah Division Representative:	
Ivan Marrero	
Mountainland Association of Governments	
Gary Gygi	
Others in Attendance:	
Jeff Harris, UDOT	Muriel Xochimitl, WFRC
Wendell Rigby, City of West Jordan	Andrew Gruber, WFRC
Wilf Sommerkorn, Salt Lake County	Ned Hacker, WFRC
Debbie Sigman, Breathe Utah	Ben Wuthrich, WFRC
Linda Johnson, Breathe Utah	Jory Johner, WFRC
Steve Call, FHWA	Heather McLaughlin-Kolb, WFRC
Andrea Pearson, WFRC	Ted Knowlton, WFRC
Wayne Bennion, WFRC	Julie Bjornstad, WFRC

1. Approval of Minutes [Recording: 00:03:40]

Mayor Cronin brought attention to the minutes of the November 10, 2016 meeting and asked if there were any questions. There were none. Mayor Kelvyn Cullimore moved that the minutes of the Trans Com meeting be approved as written. Mayor Derk Timothy seconded the motion, and the voting was unanimous.

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

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

3. Transportation Committee (Trans Com) Roles and Responsibilities [Recording: 00:04:19]

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. The Wasatch Front Regional Council works in partnership with the Utah Department of Transportation and the Utah Transportation Authority. Trans Com, after receiving input from the Technical Advisory Committees for each urbanized area, acts as the policy advisory committee to the Regional Council regarding the programming of funds through the TIP and other short-range transportation issues. Mr. Bennion briefed the committee on Trans Com's roles and responsibilities and presented a schedule for Trans Com meetings in 2017. Members were encouraged to review the proposed schedule and provide suggestions about any other issues they would like to discuss.

4. Prioritization Process for Highway Projects [Recording: 00:12:50]

Jeff Harris, UDOT's Planning Director, shared with Trans Com information about the current process utilized by the State Transportation Commission and UDOT to prioritize projects funded through the State Transportation Investment Fund. This process considers several factors, including traffic volumes and safety, among others. Funding for these projects comes from automobile related sales tax revenues. More information can be found at www.udot.utah.gov under the *UDOT Program Briefing* section.

5. Transportation Improvement Program (TIP) [Recording: 00:37:00]

a. Report on Board Modifications to the 2017-2022 TIP

Ben Wuthrich, WFRC, updated the committee regarding modifications to the current 2017-2022 Transportation Improvement Program (TIP). These modifications were approved by the Wasatch Front Regional Council at the January 26th meeting.

b. ACTION: Board Modifications to the 2017-2022 TIP [Recording: 00:38:00]

Mr. Wuthrich then reviewed the projects that include requests for additional funding, funding transfers and eight new projects. The modifications are attached to the approved resolution, and included in the packet.

Mayor Derk Timothy moved to approve the resolution to modify the 2017-2022 TIP. Commissioner Wade Bitner seconded the motion and the voting was unanimous.

c. Review of Fiscal Year 2016 obligation of federal highway and transit funds [Recording: 00:50:48]

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 2016 (October 1, 2015 through September 30, 2016). Charts showing funding by project type were provided.

6. Transportation and Land Use Connection (TLC) Program update [Recording: 01:00:15]

Megan Townsend, WFRC, informed the committee about the status of the TLC Program, now going into its fourth funding year. Wasatch Front Regional Council administers TLC, but partners include Salt Lake County, the Utah Transit Authority, and the Utah Department of Transportation with support from federal partners. The program released a "Report Card" to understand the impact the program is having on the region. Ms. Townsend reviewed the program objectives and accomplishments to date. In addition, she presented a case study, highlighting how TLC projects can help address transportation needs of the region.

7. State Legislative Update [Recording: 01:09:12]

Muriel Xochimitl, WFRC, presented an overview of the WFRC Legislative Tracker that was provided to attendees. Ms. Xochimitl also discussed bonding processes, transportation funding, and a potential yearly State appropriation amount. She reminded the group that they are welcome to attend the weekly Legislative meeting at the Capitol every Thursday, 8am.

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

State law now 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. A 10-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.

9. Other Business [Recording: 01:41:17]

Mayor Cronin asked if there were any other items of business to discuss. There were none.

Mayor Kelvyn Cullimore motioned to adjourn and Mayor Mitch Adams seconded. Meeting concluded at 3:41pm.

DATE: April 12, 2016
AGENDA ITEM: 3a
SUBJECT: Report on Board Modifications to the 2017-2022 TIP
PREPARED BY: Ben Wuthrich

BACKGROUND:

Since the last meeting of Trans Com, WFRC received requests to modify the current 2017-2022 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:

2017-2022 TIP Amendment Five Resolution

RESOLUTION OF THE WASATCH FRONT REGIONAL COUNCIL
AMENDING THE 2017 - 2022
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 2017-2022 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 450.324(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 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 2017-2022 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 23, 2017, and all comments were carefully considered,

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

- (1) Approves Amendment Five to the 2017-2022 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.



Commissioner P. Bret Millburn, Vice Chairman
Wasatch Front Regional Council



Andrew S. Gruber
Executive Director
Wasatch Front Regional Council

Date: March 23, 2017

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

Board Modification

Additional Funding

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	UDOT	I-15	11827	I-15 Northbound & 10600 South Interchange	Interchange Improvements	NHPP_IM (National Highway Performance Program - Interstate Maintenance)	\$23,879,030	\$3,500,000	<i>Additional Funding</i>	\$3,000,000	2017
						ST_Bridge (State Construction - Bridge Program)		\$830,000	<i>Additional Funding</i>	\$800,000	
						ST_HB377/TF (Transportation Funding from HB377)		\$6,149,030			
						ST_TIF (State Transportation Investment Fund)		\$5,500,000	<i>Additional Funding</i>	\$4,100,000	

The request for the additional funding comes as a result of increases in ROW, costs associated with groundwater, pump tests during design, dewatering during construction, modified drains and stabilization, rehabilitation of the existing structure and ramps, new overhead signs along I-15, and additional public involvement for full closure of 10600 South. The additional funding comes from unprogrammed asset program funds, statewide bridge program and available funds in the TIF program.

Ogden/ Layton Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Davis	UDOT	I-15 Crossing	13823	Layton I-15 Crossing Project	Construct an overpass over I-15	ST_TIF (State Transportation Investment Fund)	\$22,000,000	\$20,000,000	<i>Additional Funding</i>	\$2,000,000	2017

UDOT and Layton City have conducted an environmental study for a new east-west connection across I-15 between SR-126 (Main Street) and Hill Field Road. Construction of this project will improve east-west mobility in Layton, relieve traffic congestion at Antelope Drive and the Hill Field Road interchanges, and support economic development in Layton's commercial area. This request is needed due to an underestimate in the right of way costs for this project. The additional funding will allow the project to advertise as scheduled.

New Project

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
Box Elder	Brigham City	500 West	New	Intersections at 500 West and Forest Street and 500 West and 700 South	Corridor Signalization and Signal Synchronization	CMAQ_BOX_ELD (Congestion Mitigation/ Air Quality (Box Elder))	\$653,585	\$0	<i>New Project</i>	\$653,585	2017

Region 1 and the Bear River Association of Governments (BRAG) request approval to add a new CMAQ project to the 2017-2022 STIP to improve traffic flow, safety, and wait/idle times for motorists and pedestrians. The proposed project is to enhance traffic flow with corridor signalization and synchronization. This will fund the replacement of two existing 4-way stops with four-way signalization, as well as synchronization with the corresponding intersections along this corridor.

DATE: April 12, 2016
AGENDA ITEM: 3b
SUBJECT: ACTION on Board Modifications to the 2017-2022 Transportation Improvement Program (TIP)
PREPARED BY: Ben Wuthrich

BACKGROUND:

The Wasatch Front Regional Council (WFRC) has received requests to modify the current 2017-2022 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 2017-2022 TIP as requested.”

CONTACT PERSON:

Ben Wuthrich (801) 363-4230 ext 1121

EXHIBITS:

Resolution Six to amend the 2017-2022 TIP

RESOLUTION OF THE WASATCH FRONT REGIONAL COUNCIL
AMENDING THE 2017 - 2022
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 2017-2022 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 2017-2022 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 20, 2017, 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 2017-2022 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.

Mayor Karen Cronin
Chair
Trans Com

Andrew S. Gruber
Executive Director
Wasatch Front Regional Council

Date: April 20, 2017

2017-2022 Transportation Improvement Program (TIP) (Amendment Six)
Board Modification

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	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)	\$10,320,000	\$2,250,000	Additional Funding	\$1,350,000	2019
						STP_FLX_ST (STP Flexible (Any Area) Statewide)		\$2,000,000			
						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. By adding 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.

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	Railroad Crossing	15276	3300 South, 7200 South, 8000 South & Redwood Road at the Railroad Crossings	Provide Queue Cutters at the Railroad Crossings	R/H_HAZ_ELIM (Rail & Highway - Crossings Hazard Elimination)	\$1,122,000	\$286,000	Additional Funding	\$300,000	2017
						R/H_DEVICS90 (Rail & Highway - Protective Devices)		\$536,000			

The current scope of the 3300 S & 7200 S Queue Cutters Project is to provide queue cutters at rail crossings at 3300 South and 7200 South. The increased funding will allow for additional queue cutters at 8000 South and Redwood Road, in West Jordan.

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

Board Modification

New Projects

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	Plain City	2200 North, Project 1	New	2200 North, 3600 West to 3673 West	Construct Section of Missing Sidewalk	UDOT R1 TAP (UDOT Region One Transportation Alternatives Program)	\$25,000	\$0	<i>New Funding</i>	\$12,500	2017
UDOT TAP Contribution \$12,500, Local Contribution \$12,500, Total Project Cost \$25,000											
Weber	Plain City	2200 North, Project 2	New	2200 North, 4100 West to 3915 West	Construct Section of Missing Sidewalk	UDOT R1 TAP (UDOT Region One Transportation Alternatives Program)	\$70,000	\$0	<i>New Funding</i>	\$35,000	2017
UDOT TAP Contribution \$35,000, Local Contribution \$35,000, Total Project Cost \$70,000											
Davis	Layton	Layton Oak Hills Drive Trail	New	Layton Oak Hills Drive Trail adjacent to Gentile Str (SR-109) from MP1.519 to MP 2.26 (~3200 ft)	Construct Section of Missing Bike/ Pedestrian Facility	UDOT R1 TAP (UDOT Region One Transportation Alternatives Program)	\$337,710	\$0	<i>New Funding</i>	\$168,855	2017
UDOT TAP Contribution \$168,855, Local Contribution \$168,855, Total Project Cost \$337,710											
Davis	West Bountiful	Pages Lane Access	New	Pages Lane Access on 1600 North Street from 800 West to 1100 West	Construct Section of Missing Bike/ Pedestrian Facility	UDOT R1 TAP (UDOT Region One Transportation Alternatives Program)	\$175,000	\$0	<i>New Funding</i>	\$135,000	2017
UDOT TAP Contribution \$135,000, Local Contribution \$40,000, Total Project Cost \$175,000											
Weber	Ogden	Ogden Canyon	New	Ogden Canyon Shared Use Path (Phase I) from mouth of Canyon (SR-39) to the Ogden River	Extend Ogden's trail network negotiating the mouth of the Canyon with a safe bike/ ped separate facility	UDOT R1 TAP (UDOT Region One Transportation Alternatives Program)	\$900,000	\$0	<i>New Funding</i>	\$250,000	2017
UDOT TAP Contribution \$250,000, Local Contribution \$400,000, Total Project Cost \$650,000											

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

Board Modification

New Project

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	UDOT	I-215	New	I-215, 4100 South to 4700 South Frontage Road Solution	Environmental Process	NHPP_IM (National Highway Performance Program - Interstate Maintenance)	\$700,000	\$0	<i>New Project</i>	\$500,000	2017
						Local Funds (Taylorsville City Funds)		\$0	<i>New Project</i>	\$200,000	2017

Region 2 requests approval to use 2017 asset funds to add a new project to the FY 2017 STIP, to begin the environmental process on one of their priority transportation solutions projects for a frontage road along I-215 from 4100 South to 4700 South, southbound direction.

Additional Scope and Funding

Ogden/ Layton Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Weber	UDOT	SR-204, SR-104, SR-79, SR-39	15491	Wall Ave (SR-204); 23rd Str to 33rd Str, 20th Str (SR-104); 1900 West to I-15, 30th Str (SR-79); Washington Blvd to Harrison Blvd, and 31st Street (SR-79); 30th Str to Washington Blvd	Pavement Rehabilitation Project (Purple Book Program)	STP_FLX_ST (STP Flexible (Any Area) Statewide)	\$7,000,000	\$2,500,000	<i>Additional Funding</i>	\$4,500,000	2017

This is an emergency pavement project need in the Ogden area. This winter the Region has experienced failure of some of the pavements due to the harsh winter conditions. This project will repair the failed pavement on these facilities by rotomilling the open graded surface course treatments and replacing them. The additional funding will increase the number of roadway segments, enable a deeper mill to capture the full depth of the failing pavements, and replace the pavements with a hot mix asphalt (HMA). The source of funding will come from unobligated amounts from previous pavement program years and advance \$2 million from the 2018 pavement program.

DATE: April 13, 2017
AGENDA ITEM: 3c
SUBJECT: Discussion on Transportation Investment Fund TIP Modifications
PREPARED BY: Wayne Bennion

BACKGROUND:

Utah Code requires the Utah Transportation Commission and UDOT to use a weighted project prioritization process (§72-1-304) for state highway capacity projects. Pursuant to Utah Code and UDOT Transportation Commission Administrative Rule R940-6, the prioritization process uses weighted criteria based upon traffic volumes, congestion, safety and other data collected by UDOT to score capacity projects proposed in Utah's Unified Transportation Plan. The list of these unfunded statewide priorities is shown in Exhibit 1.

During the 2017 Utah State Legislative Session, Senate Bill 277 authorized \$1 billion in UDOT bonding. The bonds will be paid with revenues from UDOT's Transportation Investment Fund (TIF) and will be used to accelerate already funded projects and advance previously unfunded state priorities from Utah's Unified Transportation Plan as identified by the Utah Transportation Commission. UDOT has prepared an initial recommendation for these projects (see Exhibit 2). The Transportation Commission has been receiving public comment on this initial recommendation, and will approve a Commission TIF recommendation at their April 14, 2017 meeting. A copy of this Commission recommendation will be distributed to Trans Com on April 17 and discussed at the April 20 meeting.

The Commission will be receiving public comment on their April 14 recommendation and take final action on amending the Statewide Transportation Improvement Program at their May 19 meeting. The Regional Council is anticipated to take action on the projects within the WFRC region at their May 25 meeting.

RECOMMENDATION:

WFRC staff recommends that Trans Com provide input on the accelerated and new projects recommended for TIF funding by the Transportation Commission.

CONTACT PERSON:

Wayne Bennion (WFRC) 801-363-4230 x1112; wbennion@wfr.org

EXHIBITS:

Statewide TIF Priorities March 2017
TIF Bond UDOT Funding Recommendations

Statewide TIF Priorities

March 2017

Region	UP Project ID	Project Name	UP Phase	Prioritization Score Range	Cost Estimate
Widen Existing					
2	S-186	I-15 NB - 9000 South to I-215	1	80-89	\$ 130,000,000
2	S-186	I-15; Managed Lanes	1	80-89	\$ 130,000,000
1	D-2 / D-30	SR-37; 1800 North, SR-108 (2000 W) to SR-126 (Main St.), Overpass @ 500 West Rail Crossing	1	60-69	\$ 114,000,000
2	S-73	SR-172; (5600 West) SR-201 to I-80	1	50-59	\$ 45,000,000
1	D-20	SR-108; 300 North to 1800 North	1	50-59	\$ 60,000,000
2	S-30*	7000 South / 7200 South, Bingham Junction Blvd to I-15	1	40-49	\$ 32,000,000
1	2015007	SR-30; SR-23 to SR-252	1	30-39	\$ 45,000,000
New Facilities					
3	MAG8*	SR-85; Mountain View Corridor, SR-73 to 2100 N	1	90-100	\$ 30,000,000
1	D-17*	West Davis Highway	1	70-79	\$ 610,000,000
2	S-55*	Porter Rockwell	1	70-79	\$ 50,000,000
4	DMPO1-47/49	SR-7; (Southern Parkway); Sand Hollow to SR-9	1	60-69	\$ 68,900,000
2		SR-201; Extension to SR-36	1	60-69	\$ 100,000,000
Upgrade Existing At-Grade Intersections					
2	S-140	Bangerter Highway @ 6200 South	1	70-79	\$ 64,000,000
2	S-145	Bangerter Highway @ 10400 South	1	70-79	\$ 46,000,000
2	S-147	Bangerter Highway @ 12600 South	1	70-79	\$ 49,000,000
2	S-138	Bangerter Highway @ 4700 South	3	70-79	\$ 44,300,000
2	S-148	Bangerter Highway @ 13400 South	2	70-79	\$ 43,200,000
2	S-144	Bangerter Highway @ 9800 South	1	60-69	\$ 43,100,000
New Interchanges on Existing Freeways					
3	MAG15	I-15; Provo North Interchange, New Interchange	1	60-69	\$ 135,000,000
3	MAG51	I-15; Orem 800 S/UVU Interchange	1	50-59	\$ 60,000,000
2	2015034	I-80; MP 94.5, Midvalley Highway Interchange and limited access arterial SR-138 to I-80	1	50-59	\$ 74,400,000
1	D-31	I-15; 1800 North Interchange	1	50-59	\$ 90,000,000
1	D-36	I-15; Shepard Lane Interchange	1	50-59	\$ 47,000,000
3	MAG56	I-15; Springville (1600 So)/Spanish Fork (2700 N) Interchange	1	20-29	\$ 69,000,000
4	DMPO1-47	SR-7 (Southern Parkway); Sand Hollow Interchange	1	20-29	\$ 7,100,000
Upgrade Existing Interchanges					
2	2015033	I-80; at MP 144.2, Kimball Junction	1	70-79	\$ 19,000,000
1	D-32*	I-15; SR-103 (650 North)	2	70-79	\$ 66,000,000
2	S-161	I-80 / I-215 East Interchange	2	70-79	\$ 107,000,000
1	D-63/D-50*	I-15; SR-193 (700 South), includes widening of 700 South	1 & 2	60-69	\$ 80,000,000
2	S-196*	I-80; Interchange @ State Street	1	60-69	\$ 54,700,000
2	2015032	I-80; at MP 98.7, (SR-36 Interchange)	1	60-69	\$ 38,000,000
1	W-41*	I-15; 24th Street Interchange	1	50-59	\$ 96,000,000
1	W-43/W-54*	I-15; SR-97 (5600 South), includes widening of 5600 South	1 & 2	50-59	\$ 150,000,000
4	DMPO2-34	I-15; SR-9 Interchange Modifications	1	50-59	\$ 25,400,000
3	MAG23	I-15; Payson Main St Interchange, Interchange Modification, Possibly add Connections to Main St and SR-1	1	40-49	\$ 100,000,000
Passing Lanes					
3	2015058	US-189; Wallsburg to Charleston	1	60-69	\$ 53,000,000
4	2015147	I-15; MP 135 to MP 142.5, Climbing Lanes	1	60-69	\$ 37,000,000
3	2015059	US-6; MP 195.0 to MP 197.0, SF Canyon Widening Sheep Creek to Mill Fork (to existing 5-lanes)	1	50-59	\$ 23,000,000
3	2015063	US-40 Widen WB from MP 31.2 to MP 32.7, Daniels Canyon North of Summit	1	50-59	\$ 5,200,000
4	Multiple	US-89; Various Passing Lanes	1	40-49	\$ 6,000,000
3	2015062	US-40; EB Passing Lane East of Fruitland	1	40-49	\$ 9,400,000
4	Multiple	US-191; Passing Lanes MP 26 to MP 93, Bluff to Needles Overlook Rd., 3 Locations	1	30-39	\$ 6,000,000
4	Multiple	US-89; Various Passing Lanes & Slow Moving Vehicle Turnouts, MP 0 to MP 63, State line to Kanab	1	30-39	\$ 15,000,000
4	2015208	I-15; Add NB climbing lane, MP 180.2 to MP 184, US-50 turn-off to Scipio Pass	2	30-39	\$ 22,575,000
Studies					
2	S-161	I-80 / I-215 East Interchange Study	2	70-79	\$ 5,000,000
1	D-63/D-50	I-15; SR-193 (700 South) - Environmental Study	1 & 2	60-69	\$ 3,000,000
3	MAG15	I-15; Provo North Interchange Study	1	60-69	\$ 2,000,000
1	W-43/W-54	I-15; SR-97 (5600 South) - Environmental Study	1 & 2	50-59	\$ 3,000,000
1	D-36	I-15; Shepard Lane Interchange Environmental Study	1	50-59	\$ 2,000,000
4	DMPO1-45	SR-9; I-15 to Southern Parkway Environmental Study	1	30-39	\$ 2,000,000
1		SR-67; (Legacy Parkway); I-215 to I-15 (Corridor Study)	1	30-39	\$ 750,000
3	MAG56	I-15; Springville/Spanish Fork Interchange Study - ROW	1	20-29	\$ 7,000,000

Notes:

* Partially Funded; Study, EIS or components of larger scope

Pin	Transportation Investment Fund Projects	Current Amount Millions	Est FY18	Est FY19	Est FY20	Est FY21	Est FY22	Est FY23	Est FY24	Est FY25	Const. Year	TIF Total
8314	SR-85, MVC; 5400 South to 4100 South	133,197	13,691	20,000							2016	133,197
10266	Provo/Orem Transportation Improvement Project		12,741								2016	12,741
10491	I-15, 2700 N (Farr West) to 1100 S (Brigham City)	25,748									2016	25,748
10603	Bangerter Highway Interchange at 600 W	46,087	6,655								2016	46,087
10689	SR-68; Centennial Blvd to Pioneer Crossing		3,918	3,854							2017	3,918
11203	SR-68; Bangerter Hwy to 12600 S	37,000	12,623								2017	37,000
11438	I-15; MP 37 to MP 42, Add NB Climbing Lane	15,000	2,000	8,000	5,000						2019	15,000
11454	SR-7; Warner Valley to Washington Dam Road	5,804									2017	5,804
11467	I-15; MP 22 to MP 28, Add NB Climbing Lane	25,000	12,47	11,760							2018	25,000
11477	SR-108; SR-127 to SR-107	50,000	11,35	2,437							2017	50,000
11481	SR-108; SR-37 to SR-79	2,000									2016	2,000
11827	I-15 Northbound, 10600 S, Interchange Improvement	9,600	5,500								2017	9,600
11979	US-191; Passing Lanes MP 82.1 to 96.2	6,000	4,840								2018	6,000
11982	SR-85; Mountain View Corridor, SR-73 to 2100 N	49,750	40,104								2017	49,750
12158	I-15; Lehi Main to SR-92, Technology Corridor	450,000	110,000	157,000	159,383						2018	450,000
12566	4 Interchanges on Bangerter Highway	201,068	97,646	33,650							2016	201,068
12587	I-15 SB; 12300 South to SR-201	169,200	42,423	80,000	42,729						2018	169,200
12780	I-15; Brigham Road to Dixie Drive	26,000	13,002								2018	26,000
13037	SR-37; 5100 West to SR-108	12,416	5,594								2018	12,416
13055	SR-30; Passing Lanes (Box Elder/Cache Counties)	3,495									2016	3,495
13149	SR-85, MVC; 4100 South to SR-201	495,000	15,000	21,000	178,086	206,414	57,590				2019	495,000
13385	US-40; Gusher EB Passing Lane & Center Turn Lane	9,300	0,011	1,131	7,936						2019	9,300
13391	US-40; Passing Lanes Between Bridgeland & Myton	8,800	3,351	4,652							2018	8,800
13394	US-40; WB Passing Lane W of Strawberry Res.	6,354	1,380	4,700							2019	6,354
13664	SR-10; 3200 South to 1150 South, Price	7,500		5,885							2018	7,500
13821	US-89; Farmington to I-84	275,000	3,960	35,710	150,450	67,800	15,588				2019	275,000
13822	I-15; SR-232 to I-84	158,000	6,877	59,123	92,000						2018	158,000
13823	Layton I-15 Crossing	22,000	6,979								2017	22,000
14412	SR-209 (9000 South); Redwood Rd. to I-15	37,000			1,000	10,000	26,000				2020	37,000
14413	SR-172; 5600 W, Railroad Crossing	26,000				1,000	25,000				2020	26,000
14422	SR-193; Extension, 2000 West to 3000 West	9,000									2017	9,000
14722	US-6; New Passing Lane & Extend 2 Passing Lanes	1,800		1,800							2018	1,800
15135	Bluffdale Reimbursement for Porter Rockwell	8,213					5,713				2021	8,213
15669	I-15 NB; 9000 South to I-215	130,000	10,000	45,000	60,000	15,000					2019	130,000
15680	SR-108; 300 North to 1800 North	60,000				4,000	7,000	20,000	29,000		2023	60,000
15681	SR-30; SR-23 to SR-252	45,000		2,000			20,000	23,000			2021	45,000
11268	West Davis Highway	610,000	1,000	20,000	9,000	70,000	100,000	230,000	180,000		2020	610,000
15670	Porter Rockwell (Bridge)	50,000			1,000	20,000	29,000				2020	50,000
14415	Bangerter Highway @ 6200 South	64,000		3,000	20,000	41,000					2019	64,000
14416	Bangerter Highway @ 10400 South	46,000					1,000	17,200	27,800		2022	46,000
14417	Bangerter Highway @ 12600 South	49,000					1,000	17,200	30,800		2022	49,000
14421	Midvalley Highway	74,400		3,000	35,700	35,700					2019	74,400
15682	I-15; 1800 North Interchange	90,000							40,000	50,000	2024	90,000
15683	I-15; 24th Street Interchange	96,000						4,000	70,000	22,000	2023	96,000
15684	I-15; Shepard Lane Interchange	47,000			1,000	2,500	8,000	12,000	23,500		2023	47,000
11608	I-15; Exit 16 Interchange Improvements Phase 1	25,400	3,000	7,400	15,000						2019	25,400
15731	US-189; Wallsburg to Charleston	53,000					1,000	22,000	30,000		2023	53,000
15735	I-15; MP 135 to MP 142.5, Climbing Lanes	37,000				2,000	20,000	15,000			2022	37,000
15226	US-89; Various Passing Lanes	6,000						2,000	4,000		2023	6,000
11458	SR-7 (Southern Parkway); Sand Hollow to SR-9	68,900	5,000	9,000		39,900	15,000				2020	68,900
15706	Recreational Hot Spots	100,000		30,000	30,000	40,000						100,000
14552	I-80 / I-215 East Interchange Study	5,000	1,000	2,000	2,000							5,000
15685	I-15; SR-97 (5600 South) - Environmental Study	3,000	1,000	1,000	1,000							3,000
14557	I-15; Provo North Interchange Study	2,000	1,000	1,000								2,000
15228	SR-9; I-15 to Southern Parkway Environmental Study	2,000		1,000	1,000							2,000
15153	I-15; Springville/Spanish Fork Interchange Study - ROW	7,000		1,000	1,000	5,000						7,000
		4,370,163	451,166	574,665	813,284	560,314	331,890	364,400	435,100	72,000		4,370,163

Accelerated Projects
 New Projects
 New Project Revisions (Construction Year)

* There are some projects currently in progress, not shown on this sheet, that are included in the total dollar values shown

DATE: April 12, 2016
AGENDA ITEM: 3d
SUBJECT: Action on New Projects for Draft 2018-2023 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 \$19,200,000 through the year 2023 in the Salt Lake/ West Valley Area and \$10,300,000 in the Ogden/ Layton Area. Due to the adjustments brought about by FAST Act, the new transportation authorization bill and project cost savings, there is an estimated \$25,000,000 available for the year 2023 in the Salt Lake/ West Valley Area to program, and \$12,700,000 available in the Ogden/ Layton Area.

In the fall of 2016, 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 29, 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 2018-2023 STP. The attached tables "STP Projects Submitted for Surface Transportation Program (STP) Funds" 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 2018-2023 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 2018-2023 Surface Transportation Program."

EXHIBITS:

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

Projects Submitted for FY 2023 Surface Transportation Program (STP) Funds
Projects Recommended for Funding are Highlighted with a Dollar Value in the Far Left Column

Funding Recommended	Project Number	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 Weighted Score	Pavement Condition/ Management Practices Weighted Score	Cost Benefit Weighted Score	Delay Reduction Weighted Score	Growth Principles/ Economic Improvements Weighted Score	Existing Average Daily Traffic Weighted Score	Operation, TSM/ TDM, & ITS Improvements Weighted Score	Traffic Weighted Score	Existing Volume/ Capacity Weighted Score	Total	Weighted Total
Ogden/ Layton Urban Area																												
\$ 2,000,000	1	STP O 5	Clinton	Clinton City	800 North	2000 West	2525 West	Widening	Reconstruct	Collector	0.52	This project will widen 800 North between 2000 West and 2525 West, add shoulders, fill-in the gaps of sidewalk and curb and gutter, and reconstruct the existing asphalt street section. This project includes safety improvements by improving access conditions and adding a center turn-lane at intersections.	\$3,255,200	\$2,000,000	3750	12000	1	7.00	25.00	16.00	0.00	5.20	0.00	4.00	8.00	0.00	51	65.20
\$ 0	2	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. It is a critical road for access to McKay Dee Hospital and Weber State University. The reconstruction of 40th Street located to the east of this project will take place during the summer of 2017.	\$4,119,500	\$3,840,610	17135	24000	2	9.00	25.00	16.00	0.00	3.60	1.00	0.00	6.00	1.00	43	61.60
\$ 1,000,000	3	STP O 14	West Point	West Point City	800 North Widening	2525 West	3000 West	Reconstruction	Reconstruct	Collector	0.47	Widen to a three lane section and install curb, gutter and sidewalk. Provide turn lanes at all intersections	\$1,311,900	\$1,191,386	3750	9000	1	7.00	25.00	16.00	0.00	5.20	0.00	4.00	4.00	0.00	47	61.20
\$ 3,762,110	4	STP O 18	Marriott-Slaterville	Marriott-Slaterville	1200 West Widening Project	400 North	Marriott-Slaterville/ Farr West Boundary Line	Widening	Reconstruct	Minor Arterial	0.56	This road is a major access route for the Ogden Business Depot's West Entrance. It is also used as a secondary frontage road for I-15 between 12th and 2700 North in Farr West. The west side of 1200 West is residential and the east side fronts the BDO complex. Project also to include a traffic signal at the intersection of 400 North and 1200 West.	\$5,605,300	\$3,762,110	5625	14000	1	2.00	23.00	12.00	0.00	5.60	0.00	5.33	8.00	0.00	45.6	55.93
\$ 0	5	STP O 7	Kaysville	Kaysville City	Sunset Drive	Old Mill Lane	Western Drive	Widening	Reconstruct	Collector	1.04	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 consistently are a product of this project which is located in an area where there are 3 schools and heavy pedestrian and auto traffic.	\$3,318,400	\$3,093,744	2595	10000	2	7.00	23.00	12.00	0.00	3.60	0.00	4.00	6.00	0.00	41.6	55.60
\$ 0	6	STP O 17	Hooper	Hooper City	5500 South (SR-97)	4600 West	4700 West	Widening	Reconstruct	Minor Arterial	0.14	This project will widen 5500 South (SR-97) between 4600 W and 4700 W along the north side of SR-97 with curb, gutter and sidewalk, storm drain, and asphalt. This project includes safety improvements by adding turn-lanes at 4600 W and 4700 W intersections for improved mobility, and improving pedestrian/bike safety.	\$627,500	\$585,018	9525	17000	1	1.00	23.00	20.00	0.00	3.60	0.00	2.00	6.00	0.00	38.6	55.60
\$ 0	7	STP O 10	Layton	Utah Department of Transportation	I-15; Layton Parkway to Hill Field Rd.	MP 330.0 (Layton Parkway)	MP 331.6 (Hill Field Road)	Widening	Operations	Highway/Freeway	1.6	The purpose of this project is to reduce the congestion with better operation improvements to I-15 from Layton Parkway to Hill Field Road in both directions. This project will add Auxiliary lanes between ramps at Hill Field Road and Layton Parkway and will decrease congestion associated with vehicles merging.	\$44,085,500	\$2,000,000	115250	167000	3	6.00	3.70	15.00	0.00	10.40	5.00	2.67	10.00	2.00	56.7	54.77

Projects Submitted for FY 2023 Surface Transportation Program (STP) Funds
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\$ 0	8	STP O 2	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.	\$1,524,000	\$1,371,413	1820	14000	1	5.00	13.00	20.00	0.00	4.00	0.00	1.33	10.00	0.00	44.6	53.33
\$ 2,900,758	9	STP O 21	Plain City	Plain City	3600 West	2600 North	1975 North	Widening	Reconstruct	Collector	0.645	This project will widen 3600 West between 2600 North and 1975 North, add shoulders, and reconstruct the existing asphalt street section. This project includes safety improvements by improving access conditions and adding a center turn-lane at intersections for improved mobility.	\$3,111,400	\$2,900,758	1070	9000	1	2.00	25.00	12.00	0.00	3.60	0.00	4.00	6.00	0.00	37	52.60
\$ 0	10	STP O 26	Washington Terrace	Washington Terrace	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. The proposed project includes complete reconstruction of the pavement section on 300 West from the north City limits to 5000 South with an adequate load capacity and some minor contour adjustments.	\$3,516,400	\$3,217,740	13960	20000	1	4.00	21.00	16.00	0.00	2.40	1.00	0.67	6.00	0.00	34.2	51.07
\$ 0	11	STP O 8	Kaysville	Kaysville City	Main Street	300 West	Mutton Hollow	Widening	Capacity	Minor Arterial	0.77	Main Street is an important north-south arterial through Kaysville and Layton City. The project includes widening Main Street to 5-lanes to the Layton City border, installing sidewalk, curb, and gutter, and signaling the Mutton Hollow intersection. Thus, improving the safety and mobility of this transportation corridor.	\$3,095,500	\$2,885,935	13825	17000	1	9.00	4.60	12.00	0.00	13.00	1.00	9.00	2.00	0.00	50.6	50.60
\$ 0	12	STP O 11	North Salt Lake City	North Salt Lake City	1100 North Widening Project at Union Pacific Crossings	80 West	60 East	Widening	Reconstruct	Collector	0.2	The project is needed so that the street improvements at two Union Pacific railroad crossings match the rest of the 1100 North Street cross section. There are currently two bottleneck areas which have created an unsafe environment.	\$575,100	\$536,166	9500	13000	1	2.00	21.00	20.00	0.00	4.00	0.00	0.00	2.00	0.00	33.2	49.00
\$ 0	13	STP O 16	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.	\$3,842,300	\$3,465,639	9660	13000	1	2.00	21.00	16.00	0.00	4.00	0.00	0.67	2.00	0.00	31.2	45.67
\$ 0	14	STP O 13	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	\$3,665,100	\$3,394,598	7500	11000	2	0.00	20.50	12.00	0.00	5.20	0.00	2.00	2.00	0.00	31.1	41.70

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\$ 1,500,000	15	STP O 9	Layton	Layton City	Gordon Avenue Extension	1725 East	US-89	New Construction	Capacity	Collector	1.1	Layton City desires to construct a critical East-West Arterial Connection from approximately 1725 East to US-89. UDOT is planning and has funded the new improvements along US-89 which includes the construction of a new Gordon Interchange. This new arterial will provide a critical East/West connection from Layton City to the new Gordon Interchange. With the construction of these improvements, Layton City will only have 4 access connections to US-89 with these located at SR-193, Antelope Drive, Gordon Avenue, and Oak Hills Drive. All other connections will be removed to promote safety and will only access US-89 with the new interchanges. UDOT has informed Layton City that these improvements will be constructed in 2020-2021.	\$13,899,400	\$3,000,000	7000	12000	2		3.00	4.60	12.00	0.00	13.00	0.00	4.00	4.00	0.00	40.6	40.60
\$ 0	16	STP O 24	South Ogden City	South Ogden City	Adams Avenue Reconstruction Project	40th Street	Edgewood Drive	Reconstruction	Reconstruct	Collector	1	This project will reconstruct a portion of Adams Avenue between 40th Street and Edgewood Drive. This road is a collector of traffic from a large portion of the City and carries traffic to adjacent arterials and collectors.	\$4,205,700	\$3,920,974	2014	2400	4		7.00	21.25	4.00	0.00	3.60	0.00	0.00	0.00	23.25	35.85	
\$ 0	17	STP O 12	North Salt Lake City	North Salt Lake City	Main Street Widening Project	1100 North Street	Pacific Avenue (approx. 700 North)	Widening	Reconstruct	Collector	0.5	The project is needed to help improve capacity and flow along Main Street. Several sections of the street are narrow and have no curb. Sidewalk and bike lanes are also needed for non-auto use.	\$2,897,500	\$2,701,339	1925	2650	3		7.00	13.75	8.00	0.00	3.60	0.00	3.33	0.00	0.00	29.75	35.68
\$ 0	18	STP O 19	North Ogden City	North Ogden City	450 East / 400 East Widening - Phase II	Elberta Drive	3300 North	Widening	Capacity	Collector	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.	\$10,100,700	\$7,093,591	9265	14000	1		2.00	4.10	9.00	0.00	14.00	0.00	2.00	4.00	0.00	35.1	35.10
\$ 0	19	STP O 15	Multiple	Davis County	Smart Counties Data Network	Box Elder County	Salt Lake County	Study	Other	Highway/Freeway	112	Davis, Weber, Box Elder and Salt Lake County have come together to jointly propose the Smart Counties Data Network to understand the needs and resources of our communities and to foster a greater understanding of the impact, need and opportunities for planning and development. By establishing a Smart Data Network we will be able to understand the transportation needs of our communities, the impact of our decision making and proactively provide better planning and development policy for our communities. This project will have an impact on a variety of planning, transportation and economic development metrics and inform policy and decision making across a variety of subject areas.	\$1,153,000	\$929,000	100105	135000	1		0.00	3.00	15.00	0.00	1.00	5.00	1.00	10.00	0.00	35	35.00
\$ 0	20	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.	\$1,997,400	\$1,782,931	7950	12000	1		4.00	3.00	16.00	0.00	5.20	0.00	2.00	4.00	0.00	36.6	34.20
\$ 0	21	STP O 23	South Ogden City	South Ogden City	5700 South Reconstruction Project	Wasatch Drive	Cedar Lane	Reconstruction	Reconstruct	Collector	0.5	To reconstruct the road in anticipation for increased traffic cause by the completion of Skyline Drive and Skyline Parkway in Weber County.	\$2,624,600	\$2,446,950	1500	1800	5		0.00	25.00	4.00	0.00	3.20	0.00	0.00	0.00	0.00	16	32.20

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\$ 1,500,000	22	STP O 20	Ogden	Ogden City Corporation	Ogden-WSU Bus Rapid Transit	Ogden Intermodal HUB (23rd/Wall)	Mckay Dee Hospital (48th/Harrison)	Bus Service	Transit	Minor Arterial	5.3	The project proposes to connect the Ogden Intermodal HUB with WSU and Mckay Dee Hospital with a reliable, efficient and modern bus rapid transit system. The BRT project is meant to address a number of issues largely related to population growth. WFRC forecasts the population in a number of Utah Counties to increase by 65% and corresponding vehicle miles driven per day will nearly double from 49 to 90 million miles over the next 30 years. Unless transportation alternatives are available to shoulder the anticipated travel burden, Utah could see decrease in air quality, reduced roadway level of service and negative impacts to the local and state economies. BRT is one such alternative.	\$5,000,000	\$2,783,009	500	650	1	0.00	4.00	0.00	0.00	13.00	0.00	12.00	0.00	2.00	28	31.00			
\$ 0	23	STP O 27	West Haven	West Haven	3600 South	3500 West	Midland Dr	Widening	Reconstruct	Collector	1.24	THE PROJECT INCLUDES OVERLAYING AND WIDENING. 3600 SOUTH IS A COLLECTOR ROAD FOR WEST HAVEN CITY THAT CONTINUES TO SEE INCREASED USE. THE IMPROVEMENTS PROPOSED WILL INCREASE DRIVER AND PEDESTRIAN SAFETY. THIS PROJECT WILL CONNECT TO THE RECENTLY COMPLETED IMPROVEMENTS ON BOTH THE EAST AND WEST ENDS.	\$6,891,100	\$6,424,573	1700	5000	1	0.00	20.50	4.00	0.00	2.80	0.00	0.00	2.00	0.00	16.1	29.30			
\$ 0	24	STP O 1	Brigham City	Brigham City Corporation	1200 West Roadway Extension Project	Forest Street	750 South	New Construction	Capacity	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	2500	2	5.00	3.70	3.00	0.00	12.00	0.00	0.00	2.00	0.00	25.7	25.70			
\$ 0	25	STP O 28	West Haven	West Haven	3300 South	Midland Dr	2080 West	Reconstruction	Reconstruct	Collector	0.092	The current intersection has a separate west bound east bound intersection. The City would like to widen the intersection and develop one T-Intersection to tie perpendicularly to Midland Drive and line up with the existing 3325 South street that accesses the apartment development on the south side of Midland Drive. The road will be constructed to provide for a three-lane road (50 foot asphalt width). The proposed project will include installing curb on both sides and sidewalk on the north side to improve pedestrian safety. The length is approximately 700 feet of road to complete the realignment. The realignment would be similar to the alignment submitted in the attached EIS, provided by UDOT	\$1,817,100	\$1,694,082	510	1200	2	0.00	17.50	4.00	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.5	24.30
\$ 0	26	STP O 4	Perry City	Perry City Corporation	Highway 89 Pedestrian Overpass	West side of 89	East side of 89	Pedestrian	Other	Principal Arterial	0.106	The project will be to construct an overpass across Highway 89 at approximately 2500 south.	\$7,709,500	\$7,071,029	10420	15000	2	0.00	3.00	9.00	0.00	6.00	1.00	0.00	4.00	0.00	23	23.00			
\$ 0	27	STP O 22	Pleasant View City	Pleasant View City	Skyline Drive in Pleasant View - Phase 1	Highway 89	1500 feet east of Highway 89	New Construction	Capacity	Collector	0.19	The purpose/need for this project is to provide a safer route for pedestrians and other vehicular traffic by creating another route for haul trucks to exit the city. This road will also function in the future as a major regional collector. The requested funds will only build the first phase.	\$8,136,600	\$3,302,508	4390	6200	1	0.00	2.25	9.00	0.00	9.00	0.00	0.00	0.00	0.00	20.25	20.25			
\$ 0	28	STP O 3	Perry City	Perry City Corporation	1200 West Walking/Biking Path Project	3275 South	2625 South	Pedestrian	Other	Collector	0.682	The project will be to construct a walking/biking trail on 1200 West from 2700 South to approximately 3300 South.	\$811,300	\$639,837	200	350	1	2.00	3.50	3.00	0.00	6.00	0.00	0.00	0.00	0.00	14.5	14.50			
\$12,662,868	Amount Recommended				Amount Available \$ 12,708,490				Requested Amount \$ 83,567,301																						

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Salt Lake/ West Valley Urban Area																												
\$ 1,000,000	1	STP S 16	Salt Lake City	Utah Transit Authority	University of Utah Intermodal	South Campus	On LRT Red Line	Transit Capital	Transit	Collector	0.001	The U of U campus is well served by UTA local bus routes, TRAX, and other alternative modes. Lacking though, is a place that welcomes transit users to the campus in a centralized location where transfers between TRAX, local buses, campus shuttles, bike facilities, and car share can easily occur. An Intermodal Center is needed.	\$1,613,376	\$1,504,150	11750	35000	0	0.00	3.50	20.00	0.00	15.00	1.00	8.00	10.00	0.00	50.5	57.50
\$ 2,403,497	2	STP S 4	Cottonwood Heights/Sandy City	Cottonwood Heights	Creek Road & Highland Drive Intersection	8072 South	8340 South	Intersections & Signals	Operations	Principal Arterial	0.2	Add a second left turn pocket (12-ft wide x 144 LF) and a second receiving lane for NB & SB Highland Drive traffic turning onto WB & EB on Creek Road. Add a raised concrete median (180 LF each) at inside lane of LT pockets. Widen west side of Highland Drive roadway, reconstruct sidewalk and concrete curb & gutter to accommodate new lane.	\$2,771,100	\$2,583,497	39540	60000	2	4.00	4.20	15.00	0.00	10.40	3.00	9.33	10.00	1.00	57.2	56.93
\$ 3,548,613	3	STP S 13	Salt Lake City	Salt Lake City Corporation	1300 East Street Reconstruction (Segment 1)	2100 South	Highland Drive	Reconstruction	Reconstruct	Principal Arterial	1.057	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 evaluate incorporation of Complete Streets concepts and pedestrian safety improvements.	\$3,901,300	\$3,548,613	50675	51000	1	7.00	13.75	20.00	0.00	5.20	5.00	2.00	0.00	2.00	47.75	54.95
\$ 0	4	STP S 29	West Valley City	West Valley City	3200 West Reconstruction	3500 South	3100 South	Reconstruction	Reconstruct	Collector	0.5	The purpose of this project is to reconstruct the pavement and construct continuous sidewalk on 3200 W between 3500 S and 3100 S. 3200 W is a major collector, extending from South Jordan to Salt Lake City. It is an important north-south corridor for the city, providing access to many residential and commercial areas.	\$3,760,200	\$2,997,731	9710	12000	1	4.00	25.00	16.00	0.00	5.20	0.00	2.67	2.00	0.00	40	54.87
\$ 0	5	STP S 21	Sandy	UDOT	700 E/8600 S Intersection Improvement	MP 10.600	MP 10.800	Intersections & Signals	Operations	Principal Arterial	0.2	Currently, particularly during peak traffic times, southbound to eastbound left-turning traffic backs up at the intersection of 700 E (SR-71) and 8600 S and impacts the intersection to the north with 8530 S (Pioneer Ave). This is causing congestion at 8530 S that could be reduced or eliminated with the construction of dual left turn lanes at 8600 S. It is anticipated that constructing dual lefts at 8600 S will improve traffic flow and safety in the area. To get the dual lefts on 700 E, the roadway will be restriped, eliminating the 10' southbound right turn only lane, and widening to make a 12' thru-right, 12' thru, and two 12' left turn lanes; and 8600 S will be widened to accommodate a 2nd receiving lane.	\$1,106,400	\$1,031,496	34980	44000	1	7.00	3.70	15.00	0.00	4.00	3.00	10.67	8.00	2.00	51.7	53.37
\$ 0	6	STP S 5	Draper	Draper City	1300 East	Highland Drive	13200 South	Reconstruction	Reconstruct	Collector	0.5	Reconstruct and widen 1300 East to provide a consistent three lane corridor with shoulders/bike lanes, curb, gutter, and sidewalks, and improve the function of the intersections of 1300 East at Waynes World Drive (13800 South) and 1300 East at Highland Drive	\$6,049,700	\$5,549,236	13000	15000	3	9.00	21.25	12.00	0.00	3.60	1.00	4.00	2.00	0.00	40.25	52.85
\$ 3,000,000	7	STP S 25	Taylorsville	City of Taylorsville	I-215 Frontage Road, 4100 - 4700 S and 2700 W Access	4100 South	4700 South	New Construction	Capacity	Highway/Freeway	1	Second phase of the I-215 west SB frontage road. Objectives include: improve traffic flow on I-215, reduce congestion on 4700 S at I-215, 2700 W and 3200 W. These intersections are ranked in the top ten of congested intersections per UDOT. The project will facilitate planned transit improvements, including a new BRT route.	\$8,845,569	\$5,000,000	15980	22000	1	7.00	4.60	12.00	0.00	13.00	1.00	9.00	6.00	0.00	52.6	52.60

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\$ 1,143,054	8	STP S 20	Sandy	Sandy City Public Works	Sego Lily Drive State Street Intersection Widening	Sego Lily Drive State Street Intersection (10000 South)	0	Widening	Operations	Principal Arterial	0.24	State St. and 10000 S. is a choke point for bicycle traffic. This project will allow for bike lanes on 10000 South by widening the north side of the intersection. A right turn pocket will also be added for WB traffic. 10000 South is identified by UCATS, WFRC, Salt Lake County, and Sandy City as a priority bicycle route.	\$1,591,000	\$1,389,127	14000	25000	1	8.00	4.20	15.00	0.00	11.20	1.00	2.67	10.00	0.00	54.2	52.07
\$ 777,788	9	STP S 23	South Jordan City	South Jordan City	2700 West	10000 South	10200 South	Widening	Reconstruct	Collector	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.	\$953,200	\$888,668	10000	15000	1	1.00	20.50	20.00	0.00	2.80	1.00	2.00	4.00	0.00	35.1	51.30
\$ 0	10	STP S 27	West Jordan	City of West Jordan	7000 South EIS	1300 West	Bangerter Highway	Study	Other	Principal Arterial	2.5	7000 South is an arterial street on the west side of Salt Lake Valley that is projected to carry up to 40000 vehicles per day in 2040.	\$2,000,000	\$2,000,000	25270	50000	3	0.00	3.70	15.00	0.00	8.00	2.00	10.00	10.00	2.00	50.7	50.70
\$ 0	11	STP S 24	South Salt Lake	City of 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.	\$5,799,540	\$5,400,255	6685	8500	1	8.00	25.00	8.00	0.00	3.20	0.00	6.00	0.00	0.00	36	50.20
\$ 0	12	STP S 3	Cottonwood Heights	Cottonwood Heights	2700 East Road Reconstruction	Fort Union Boulevard	Bengal Boulevard	Reconstruction	Reconstruct	Collector	1	The purpose of this project is primarily a pavement rehabilitation project milling off 3-inches of asphalt and an overlay of 3-inches on the existing pavement. This project also includes the construction of ADA ramps and sidewalk to improve pedestrian access.	\$2,275,600	\$2,121,542	6500	9400	1	3.00	22.50	16.00	0.00	5.20	0.00	0.00	2.00	0.00	34.5	48.70
\$ 0	13	STP S 8	Holladay	City of Holladay, Utah	3900 South Reconstruction Project	I-215	2700 East	Reconstruction	Reconstruct	Minor Arterial	0.88	The proposed project enhances the road condition of 3900 S. providing safe travel to I-215 and arterials such as Highland Dr and Wasatch Blvd. New curb and gutter will improve stormwater management and new sidewalk, lighting, bicycle, and transit facilities will increase pedestrian safety, especially for students of Skyline and Olympus High Schools.	\$4,068,100	\$3,792,690	25000	32000	1	7.00	11.25	16.00	0.00	5.20	2.00	0.00	6.00	0.00	42.25	47.45
\$ 0	14	STP S 6	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 in the WFRC Regional Transportation Plan.	\$6,050,800	\$4,826,797	12000	17000	2	10.00	5.00	9.00	0.00	10.00	1.00	5.00	4.00	0.00	44	44.00
\$ 3,783,866	15	STP S 10	Millcreek	Salt Lake County	900 East Safety and Reconstruction	3900 South	4500 South	Other STP	Reconstruct	Collector	0.9	Create a safer environment for all users including the construction of curb, gutter, sidewalk, ADA ramps, a bicycle facility, lighting and the relocation of utility poles out of the asphalt, along 900 East from 3900 South to 4500 South. Reconstruction will be included if sufficient funds are allocated.	\$4,358,700	\$4,063,616	15300	18000	1	9.00	8.00	16.00	0.00	3.60	1.00	4.00	2.00	0.00	40.6	43.60

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\$ 0	16	STP S 2	Bluffdale	City of Bluffdale	14600 South Rail Road Underpass Widening	14600 South - 150 feet West of rail road crossing	14600 South - 150 feet East of rail road crossing	Widening	Operations	Minor Arterial	0.06	14600 South is bottlenecked to one lane for both directions (east/west) at the railroad crossing of Union Pacific and Utah Transit Authority. This project will widen the existing Union Pacific bridge over 14600 South to allow free movement for two lanes through and under it.	\$5,835,900	\$5,440,810	3750	19111	1	6.00	4.20	9.00	0.00	4.80	0.00	4.00	10.00	1.00	39.2	39.00		
\$ 1,203,189	17	STP S 9	Magna	Salt Lake County	2810 S at 8000 W Realignment	8000 West	8058 West	Intersections & Signals	Operations	Collector	0.1	This project will realign an offset intersection to improve safety and connectivity between Magna and West Valley. The project will also relocate a midblock school crossing and bring it to the new realignment.	\$2,000,900	\$1,865,439	3470	14000	1	6.00	4.10	12.00	0.00	2.40	0.00	2.67	10.00	0.00	37.1	37.17		
\$ 5,500,000	18	STP S 12	Riverton	Riverton City	4150 West	12600 South	13400 South	New Construction	Capacity	Collector	1.1	Construction of 4150 West from 12600 S to 13400 S, with a 4-lane concrete street, center running TRAX corridor, bike lanes, pedestrian trails or sidewalks, and traffic signals. This roadway will provide the north/south connection of 4150 West from 12600 South to 13400 South. Please see attached Traffic Study for the area.	\$17,712,800	\$6,615,485	7500	18000	1	0.00	3.50	9.00	0.00	9.00	0.00	5.00	10.00	0.00	36.5	36.50		
\$ 1,000,000	19	STP S 28	West Jordan	City of West Jordan	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 slated to be built within this park in the next few years. This bridge is the essential connector for that project, and to provide greater connectivity to the residents living west of the MVC.	\$12,000,000	\$1,000,000	4040	6580	1	0.00	3.70	12.00	0.00	16.00	0.00	2.00	2.00	2.00	0.00	0.00	35.7	35.70
\$ 0	20	STP S 26	West Jordan	City of West Jordan	7000 South and 1500 West Pedestrian Bridge	South Side of 7000 South	North Side of 7000 South	New Construction	Other	Principal Arterial	0.1	7000 South is an arterial street with a mid block pedestrian crossing for school kids. This project hopes to relocate the existing pedestrian bridge at 7000 South and Bangerter Highway and use it at this location.	\$1,404,696	\$1,302,692	25270	50000	2	0.00	2.95	15.00	0.00	2.00	2.00	0.00	10.00	2.00	33.95	33.95		
\$ 1,632,271	21	STP S 22	South Jordan City	South Jordan City	Riverfront Parkway	11050 South	11400 South	Widening	Capacity	Collector	0.36	Widen from 3 to 5 lanes including curb, gutter, sidewalk, park strip, intersection improvements, and necessary street lights.	\$1,840,900	\$1,716,271	18000	21000	2	1.00	3.70	15.00	0.00	8.00	1.00	3.00	2.00	0.00	33.7	33.70		
\$ 0	22	STP S 7	Draper	Draper City	Lone Peak Parkway	Ikea Way	Golden Harvest Rd	New Construction	Capacity	Minor Arterial	0.4	Lone Peak Parkway is a north/south minor arterial, just west of I-15. Currently, Lone Peak Parkway begins at the northern limits of Draper City at 11400 South and terminates at Golden Harvest Rd. The project under this request will construct 0.4 miles of the five-lane planned extension from Ikea Way to Golden Harvest Road (12950 South), completing the minor arterial connection.	\$6,608,900	\$4,709,420	10000	15000	1	5.00	3.00	9.00	0.00	9.00	1.00	2.00	4.00	0.00	33	33.00		
\$ 0	23	STP S 18	Salt Lake County	Salt Lake County	Emigration Canyon Retaining Walls	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.	\$4,792,100	\$4,467,675	3030	4200	1	7.00	4.10	6.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	29.1	29.10	

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\$ 0	24	STP S 11	Millcreek, South Salt Lake, West Valley City, Maana	Utah Transit Authority	MAX Transit Signal Priority	Wasatch Blvd	8400 West	Transit ITS	Transit	Principal Arterial	15.6	UTA's BRT, the 35M is using dated hardware for transit signal priority (TSP). This project would replace the current infrared system with a more reliable GPS system along the 35M line. In addition, TSP would be added eastward from the Millcreek TRAX station along 3300 South, enabling BRT service to be extended.	\$512,300	\$477,617	1200	1500	0	0.00	3.00	12.00	0.00	6.00	0.00	8.00	0.00	0.00	24	29.00
\$ 0	25	STP S 19	Salt Lake County	Salt Lake County	Rose Canyon Road Reconstruction	Yellow Fork Canyon	County Limit	New Construction	Reconstruct	Local	2.05	This project reconstructs, widens, and resolves geometric and operational safety issues with a new paved surface for bikes and pedestrians, and an unpaved equestrian pathway. This provides for current and future growth of both local residential development and visitation to the Yellow Fork Canyon Regional Park.	\$677,350	\$6,314,934	500	650	1	2.00	20.50	0.00	0.00	3.60	0.00	0.00	0.00	15.1	26.10	
\$ 0	26	STP S 17	Salt Lake County	Salt Lake County	Millcreek Canyon Bike Lanes	Fee Gate	Winter Gate	Widening	Other	Collector	4	In 2012 Salt Lake County with the US Forest Service finished a study looking at transportation issues in Millcreek Canyon. The study determined that a solution to the transportation issues in the canyon would be the construction of an up-hill bicycle lane. This lane would alleviate the conflicts between vehicles and cyclists and pedestrians along the roadway.	\$1,883,000	\$1,383,000	5600	6500	2	4.00	1.75	12.00	0.00	8.00	0.00	0.00	0.00	25.75	25.75	
\$ 0	27	STP S 15	Salt Lake City	Utah Transit Authority	Depot District Clean Fuels Tech Center	N/A	N/A	Transit Capital	Transit	Local	0.001	The Depot District Clean Fuels Tech Center is needed to expand bus services in Salt Lake City and allow UTA to increase its fleet of clean fuel buses. Without the new facility, service increases and clean fuels bus fleet expansion are not possible due to capacity and infrastructure constraints of existing facilities. The project request amount covers a portion of Phase V of the construction. See attached Phasing Plan.	\$42,300,000	\$5,000,000	500	650	1	0.00	3.50	0.00	0.00	14.00	0.00	8.00	0.00	0.00	23.5	25.50
\$ 0	28	STP S 1	Multiple	Davis County	Smart Counties Data Network	Box Elder County	Salt Lake County	Study	Other	Highway/Freeway	112	Davis, Weber, Box Elder and Salt Lake County have come together to jointly propose the Smart Counties Data Network to understand the needs and resources of our communities and to foster a greater understanding of the impact, need and opportunities for planning and development. By establishing a Smart Data Network we will be able to understand the transportation needs of our communities, the impact of our decision making and proactively provide better planning and development policy for our communities. This project will have an impact on a variety of planning, transportation and economic development metrics and inform policy and decision making across a variety of subject areas.	\$1,153,000	\$929,000	135000	145000	1	0.00	3.00	15.00	0.00	1.00	5.00	1.00	0.00	0.00	25	25.00
\$ 0	29	STP S 14	Salt Lake City	Salt Lake City	East Downtown Transit Hub	Site TBD, vicinity of 200 S 700 E	0	New Construction	Transit	Local	0.001	This facility would provide a central city major transfer point along UTA's busiest transit corridor to support the transition to a grid-based frequent bus network as described in the Salt Lake City Transit Master Plan (adoption anticipated early 2017). This project meets the needs of the 200 South transit hub identified in the Regional Transportation Plan with an eastward shift in location to respond to analysis conducted for the SLC Transit Master Plan and the Downtown Plan.	\$6,967,900	\$6,496,173	250	350	5	0.00	3.00	0.00	0.00	14.00	0.00	4.00	0.00	0.00	20	21.00
\$24,992,278			Amount Recommended				Amount Available \$ 24,984,679				Requested Amount \$ 94,415,934																	

DATE: April 12, 2016
AGENDA ITEM: 3e
SUBJECT: ACTION on New Projects for Draft 2018-2023 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 2023 with \$5,300,000 available to program in the Salt Lake/ West Valley Area for 2023. About \$3,000,000 in annual apportionments are anticipated in the Ogden/ Layton Area with \$3,000,000 available to program for 2023.

In the fall of 2016, 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 29, 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 2018-2023 CMAQ program. The attached tables "Projects Submitted for Congestion Mitigation/ Air Quality (CMAQ) Funds" show the projects submitted for consideration. The highlighted projects indicate those recommended by the TAC to be added to the 2018-2023 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 2018-2023 Congestion Mitigation/ Air Quality Program."

EXHIBITS:

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

Projects Submitted for FY 2023 Congestion Mitigation/ Air Quality (CMAQ) Funds
Projects Recommended for Funding are Highlighted with a Dollar Value in the Far Left Column

Recommended Funding	Project Number	City	Agency	Project Name	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ, \$
	Ogden/ Layton Area										
\$ 127,130	1	Davis & Weber Counties	Utah Transit Authority	OL Vanpool Management	Oversee operation and coordination of 115 vanpools in the Ogden/ Layton Urban Area.	1	227.22	1072.21	79.14	\$ 136,362	\$ 127,130
\$ 0	2	Davis & Weber Counties	Utah Transit Authority	UTA Locomotive Over Haul	Rebuild 2 Front Runner locomotive prime mover engines from Tier 1 to Tier 2+ emission standards.	10	47.05	0.00	15.12	\$ 1,258,000	\$ 1,172,833
\$ 0	3	Brigham City	UDOT	Forest Street Park and Ride Lot	Park & Ride lot.	20	39.24	74.52	4.03	\$ 1,085,500	\$ 750,000
\$ 30,000	4	Davis & Weber Counties	Utah Transit Authority	OL Rideshare Management	Provide individuals with carpool, vanpool, and other commuting matches. Educate communities and others concerning alternative transportation options and promote those options.	1	28.07	35.62	2.31	\$ 32,178	\$ 30,000
\$ 0	5	Ogden	Ogden City Corporation	Ogden-WSU Bus Rapid Transit (CONSTRUCTION)	Construct BRT related amenities for the Ogden-WSU line including: signals, TSM, shelters, ped & bike facilities, intersection widening, new WSU roadway.	10	9.46	24.84	8.66	\$ 60,000,000	\$ 3,339,685
\$ 150,000	6	Ogden	Ogden Green Bike	Ogden Green Bike Expansion	Add 5 stations, 32 bikes to the Green Bike system in Ogden.	10	8.31	2.43	0.79	\$ 401,500	\$ 345,193
\$ 0	7	Farmington	UDOT TOC	I-15 NB VMS	VMS installation for NB I-15 in Farmington to provide real-time traveler information in this area, enabling travelers during incidents and inclement weather, route choices, particularly in advance of major interchanges.	10	7.57	67.13	1.36	\$ 703,800	\$ 656,153
\$ 912,830	8	Layton, South Weber, Huntsville	Utah Transit Authority	Davis County Ski Route Buses	Purchase 2 buses for seasonal service for skiers from Layton to Snow Basin Resort.	12	2.67	2.01	0.58	\$ 1,020,000	\$ 950,946

Projects Submitted for FY 2023 Congestion Mitigation/ Air Quality (CMAQ) Funds
Projects Recommended for Funding are Highlighted with a Dollar Value in the Far Left Column

Recommended Funding	Project Number	City	Agency	Project Name	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ \$
\$ 0	9	Ogden	UDOT TOC	I-15 SB VMS	VMS installation for SB I-15 in Ogden to provide real-time traveler information in this area, enabling travelers during incidents and inclement weather, route choices, particularly in advance of major interchanges.	10	2.60	22.89	0.50	\$ 703,800	\$ 656,153
\$ 1,780,040	10	Centerville	Centerville City	Parrish Lane (SR105) - 400 West Intersection	Add turn lanes and storage lanes at this congested intersection to reduce delay.	10	2.30	56.20	1.10	\$ 1,904,300	\$ 1,780,040
\$ 0	11	Centerville	Centerville City	Parrish Lane (SR105) - Market Place Drive Intersection	Add turn lanes and storage lanes at this congested intersection to reduce delay.	10	1.01	19.86	0.40	\$ 1,555,400	\$ 1,450,099
\$ 0	12	South Ogden	UDOT	US-89 to Harrison Blvd	Add a lane to the existing right-turn lane from US-89 to northbound Harrison Blvd. making this a double right-turn lane.	10	0.03	0.34	0.01	\$ 809,000	\$ 750,000

\$ 3,000,000 Amount Recommended

Amount Available \$ 3,000,000

Requested Amount

\$ 12,008,232

Projects Submitted for FY 2023 Congestion Mitigation/ Air Quality (CMAQ) Funds
Projects Recommended for Funding are Highlighted with a Dollar Value in the Far Left Column

Recommended Funding	Project Number	City	Agency	Project Name	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ \$
Salt Lake/ West Valley Area											
\$ 263,733	1	Salt Lake County	Utah Transit Authority	SLC-WVC Vanpool Management	Oversee operation and coordination of 168 vanpools in the Salt Lake area.	1	159.28	1566.36	115.09	\$ 282,884	\$ 263,733
\$ 55,000	2	Salt Lake County	Utah Transit Authority	SLC-WVC Rideshare Management	Provide individuals with carpool, vanpool, and other commuting matches. Educate communities and others concerning alternative transportation options and promote those options.	1	41.85	76.71	6.31	\$ 58,994	\$ 55,000
\$ 1,172,834	3	Salt Lake County	Utah Transit Authority	UTA Locomotive Overhaul	Rebuild 4 Front Runner locomotive prime mover engines from Tier 1 to Tier 2+ emission standards.	10	37.34	0.00	23.99	\$ 2,516,000	\$ 2,345,667
\$ 900,000	4	Salt Lake County	UDOT TOC	Signal Interconnect	Connect [40] traffic signals via fiber or radio to the central signal system to improve traffic signal timing.	5	23.11	936.43	18.99	\$ 1,608,600	\$ 1,499,698
\$ 300,000	5	Salt Lake City	Salt Lake City Transportation Division	SLC Bike Share Program	Add 10 stations, 200+ docks to the Green Bike system in Salt Lake.	10	20.01	10.91	3.29	\$ 643,300	\$ 599,749
\$ 930,000	6	Salt Lake City	Salt Lake City Transportation Division	Traffic Signal Synchronization	Install radar detection at 31 SLC intersections to optimize UDOT signal performance measure technology to improve signal timing for vehicles, pedestrians, and TRAX.	5	19.29	484.67	9.83	\$ 1,000,000	\$ 930,000
\$ 0	7	Bluffdale	City of Bluffdale	14600 South Rail Road Underpass Widening	Widen RR underpass to accommodate 2 lanes of traffic.	20	18.75	689.18	13.98	\$ 5,835,900	\$ 5,440,810
\$ 0	8	South Jordan City	South Jordan City	10400 South 4000 West	Add left turn lanes.	10	7.80	68.49	1.39	\$ 697,300	\$ 650,093

Projects Submitted for FY 2023 Congestion Mitigation/ Air Quality (CMAQ) Funds
Projects Recommended for Funding are Highlighted with a Dollar Value in the Far Left Column

Recommended Funding	Project Number	City	Agency	Project Name	Short Description	Project Life	Annualized Emissions: (kg)/\$1,000	Reduced Daily VHT	Reduced Daily Emissions (kg)	Total Cost	Requested CMAQ, \$
\$ 1,694,362	9	Murray	Murray City Corporation	5300 South & College Drive Intersection Improvements	Construct dual left-turn lanes and a right-turn lane.	10	6.61	151.23	3.07	\$ 1,842,400	\$ 1,694,362
\$ 0	10	West Valley & Taylorsville	West Valley City	2700 West Bike Lane and Pedestrian Project	Add bike lanes and sidewalk on 2700 W from 4700 S to 4100 S.	10	2.10	8.81	0.94	\$ 1,900,000	\$ 1,632,271
\$ 0	11	South Jordan/ Riverton	UDOT TOC	3 VMS on Bangerter	Install 3 VMS on Bangerter to provide real-time traveler information in this area, enabling travelers during incidents and inclement weather, route choices, particularly in advance of major interchanges.	10	1.48	39.28	0.80	\$ 2,111,400	\$ 1,968,458
\$ 0	12	Magna	Utah Transit Authority	MAX Magna Loop BRT Optimization	Upgrade 7 bus stops in Magna to be ADA compliant and consistent with other glass shelters on the Max line.	10	0.37	0.78	0.13	\$ 1,364,600	\$ 1,272,217
\$ 0	13	Sandy	UDOT	700 E/8600 S Intersection Improvement	Construct dual left-turn lanes.	10	0.00	0.00	0.00	\$ 1,106,400	\$ 1,031,496

\$ 5,315,929 Amount Recommended

Amount Available \$ 5,300,000

Requested Amount

\$ 19,383,554

DATE: April 12, 2016
AGENDA ITEM: 3f
SUBJECT: ACTION on New Projects for Draft 2019 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. The annual apportionments for TAP funds for FY2019 are projected to be approximately \$900,000 with \$1,048,360 available to program in the Salt Lake/ West Valley area. About \$500,000 in annual apportionments for the Ogden/ Layton Area is expected for FY2019 with \$767,602 available to program.

In the fall of 2016, 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 29th, 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 FY2019 TAP. The attached tables "Projects Submitted for FY 2019 Transportation Alternatives Program (TAP) Funds" show the projects submitted for consideration. The yellow 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:

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 FY2019 Transportation Alternatives Program."

EXHIBITS:

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

Projects Submitted for FY 2019 Transportation Alternatives Program (TAP) Funds
Projects Recommended for Funding are Highlighted with a Dollar Value in the Far Left Column

Recommended Funding	Project Number	City	Agency	Project Name	From Street	To Street	Project Improvement	Project Objective	Length	Description	Tot Cost	Fed Fund Requested	Sponsor Priority	Regional Priority	Fills Gap	Provides Access	Wasatch Choice 2040	Add Safety	Sponsor Match	Innovative	Com Support	Diverse Users	Cost Per User	Cost per Mile	Capital Score	Regional Goals	Financial Feasibility	Safety/ Connections	Com w/ Public	Plan Guide	Sponsors Match	Plan Total Score	Prox to Schools	Fills Gap	Provides Access Other than Sch	Num of Stud that Could Bike or Walk	Ant Ince of Stud Use	Provide Add Safety Ben	Spon Match	Deg of Safe Need	Walk/ Bike Promo	Cost Per User	Cost per Mile	SR25 Score	Project Score						
\$ 186,000	5	Salt Lake City	Salt Lake City	Transit Stop Improvements	citywide	0	Capital Improvement	Infrastructure-related Projects	0.0001	Approximately 83% of bus stops in Salt Lake City are unimproved, making them challenging for people with disabilities to access and lacking a bench or shelter for all riders waiting for the bus. This project would include concrete pads, ADA accessibility, and amenities at the busiest and highest need stops. Ridership on 200 South saw an 18% increase in ridership after such improvements. UTA funds that were previously used for these improvements are now programmed for TIGER first/last mile projects, and both UTA and the City have been working to fill this funding gap.	\$ 200,000	\$ 186,000	4	5	0	15	5	4	1	5	5	5	10	1	56																							56			
\$ 181,612	6	Salt Lake County	Utah Transit Authority	Update Bike Cars on FrontRunner	North Temple	Draper	Capital Improvement	Other TAP Project	27.4	This request is for new bike racks on 10 of UTA's 16 FrontRunner bike cars. There is a bike car on each FrontRunner train consist. Current racks have capacity for 9 bikes each while the new configuration has room for 15. While riders appreciate bike accommodation, they are concerned about capacity, usefulness, and safety.	\$ 194,800	\$ 181,612	4	5	0	15	0	4	1	5	2	3	10	5	50																								50		
\$ 200,000	7	Various	Salt Lake County	Salt Lake County Bicycle Counters	Salt Lake Valley metro area	0	Capital Improvement	Bike/ Ped - Plan/ Study	0.0001	Ridership data is lacking in Utah. Planning and network expansion are improving, but agencies are asking questions about ridership that we do not currently have the ability to answer. This project will place automatic counters at strategic locations around Salt Lake County to begin collecting this vital data.	\$ 299,900	\$ 279,597	1	15	0	0	0	0	1	5	5	5	8	5	44																							44			
\$ 0	8	Cottonwood Heights	Cottonwood Heights	2700 East Sidewalk Project	7550 South	7655 South	Safe Routes to School	Infrastructure-related Projects	0.25	Major sidewalk gap exists on the east side of 2600 East between South of Toni Circle (7635 S.) to Bridgewater Drive (7655 S.). Existing crossing is at a dangerous location on 2600 East. Proposed sidewalk will relocate crossing to safer location.	\$ 381,400	\$ 355,579	3																																			81			
\$ 1,048,911	Amount Recommended									Amount Available \$ 1,048,360									Requested Amount									\$ 1,834,347																							