

SKATS 2021

Annual Listing of Federally Obligated Projects

Salem-Keizer Area Transportation Study (SKATS)
December 2021



Salem Keizer Area Transportation Study

Cover Photos

Top left: New Cherriots buses.

Top right: 45th Avenue NE near Chemeketa Community College

Bottom left: Bridge Screening Project on Lancaster Drive Bridge over OR22 E

Bottom Center: New Curb Ramp on Wallace Road NW at Brush College Road NW

Bottom right: Safe Routes to School outreach event

Annual Listing of Federally Obligated Projects Federal Fiscal Year 2021

December 2021



Salem-Keizer Area Transportation Study

100 High St. SE, Salem OR 97301

PH 503-588-6177 FAX 503-588-6094

www.mwvcog.org/transportation/skats

SKATS Committee Membership and Staff

SKATS 2021 Policy Committee

Cathy Clark, Chair Mayor - City of Keizer
Lyle Mordhorst, Vice Chair Commissioner - Polk County
Sadie Carney Board member - Salem Area Mass Transit District
Jim Lewis Council member - City of Salem
Steve Horner Mayor - City of Turner
Danielle Bethell Commissioner - Marion County
Anna Henson Region 2, Oregon Department of Transportation
Maria Hinojos-Pressey Board member - Salem-Keizer School District

SKATS 2021 Technical Advisory Committee

Janelle Shanahan, Chair Marion County Public Works
Bill Lawyer, Vice Chair Keizer Public Works
Victor Lippert Salem-Keizer School District
Stephen Dickey Salem Area Mass Transit District
Dan Fricke Oregon Department of Transportation, Region 2
Julie Warncke Salem Public Works
Lisa Anderson-Ogilvie Salem Community Development Department
Shane Witham Keizer Planning Department
Richard Walker City of Turner
Brandon Reich Marion County Planning Department
Austin McGuigan Polk County Planning Department
Todd Whitaker Polk County Public Works
Bill Holmstrom Department of Land Conservation and Development
Rachel Tupica* Federal Highway Administration
Sam Ayash (as needed)* ODOT, Transportation Planning Analysis Unit
Rachel Sakata (as needed) Department of Environmental Quality

** non-voting*

SKATS Staff

Mike Jaffe Transportation Planning Director
Ray Jackson Senior Transportation Planner
Karen Odenthal Senior Transportation Planner
Lesley Hegewald Associate Planner - GIS/Data
Juan-Carlos Torres Associate Planner - GIS/Data
Kim Sapunar Associate Planner
Kindra Martinenko Associate Planner
Lori Moore Administrative Specialist

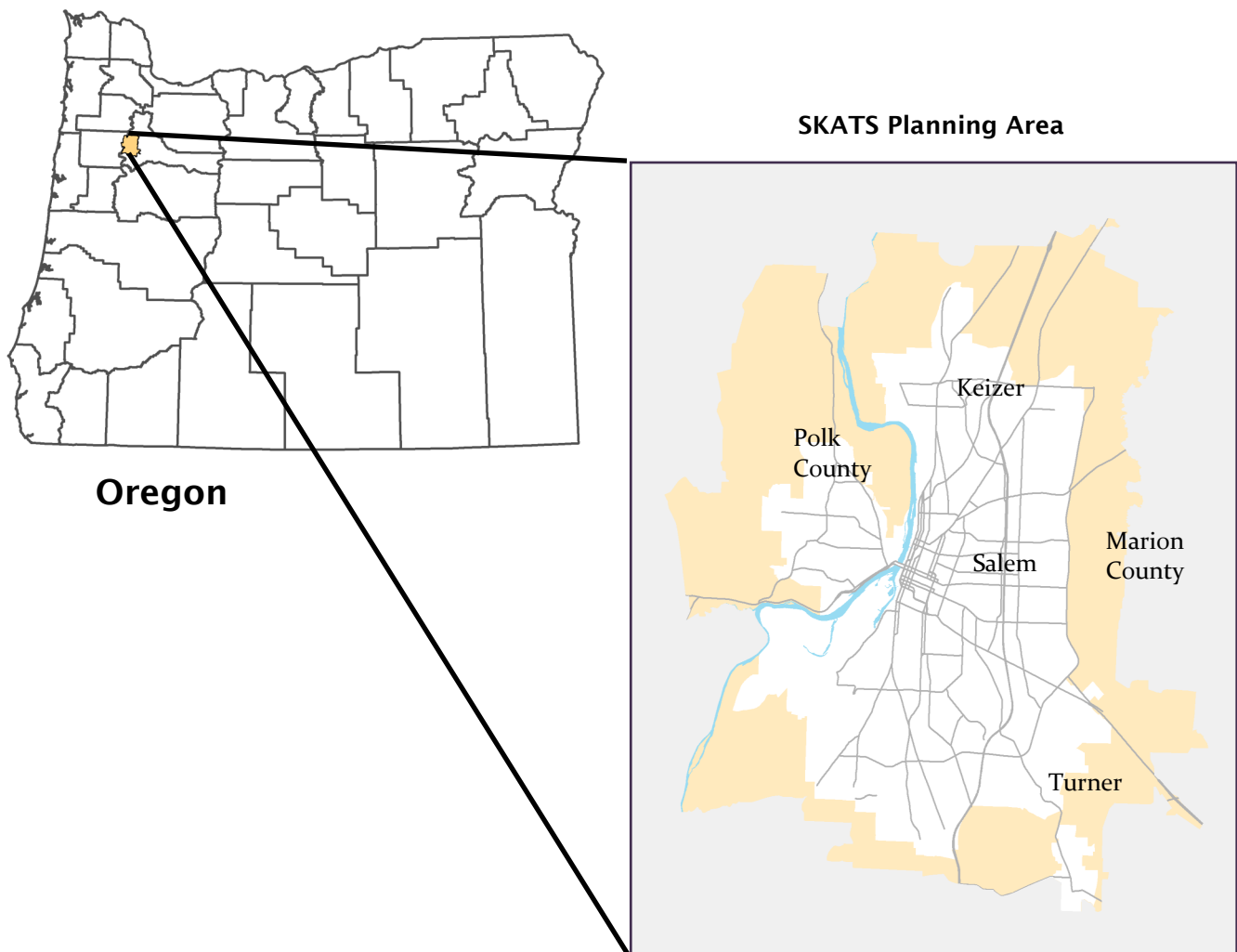


Introduction

The projects and programs contained in the Salem-Keizer Area Transportation Study (**SKATS**) Metropolitan Transportation Improvement Program (**MTIP**) and for which federal funds were obligated during Federal Fiscal Year 2021 (October 1, 2020 through September 30, 2021) are documented in this 2021 Annual Listing of Federally Obligated Projects.

Obligation is defined as the federal government's commitment to pay the federal share of a project's cost. Federal funds are obligated by either the Federal Highway Administration (**FHWA**) or the Federal Transit Administration (**FTA**). For FTA projects, obligation occurs when a FTA grant is awarded and available for execution following Department of Labor review. For FHWA projects, obligation occurs when a project agreement is executed, and ODOT requests that federal funds be obligated (made available) for reimbursing project costs.

All projects, project phases, and programs that use federal funds are required to be listed in the approved MPO Metropolitan Transportation Improvement Program (**MTIP**) and the Statewide Transportation Improvement Program (**STIP**).



SKATS—Salem –Keizer Area Transportation Study

A metropolitan planning organization (MPO) is a federally mandated and federally funded transportation policy-making organization in the United States that is made up of representatives from local government and governmental transportation authorities. MPOs are required to represent localities in all urbanized areas with populations over 50,000, as determined by the U.S. Census. The Salem-Keizer Area Transportation Study (SKATS) is the MPO designated by the Governor for the Salem-Keizer-Turner urbanized area to develop and implement a coordinated, comprehensive, and continuing planning process that addresses issues related to the transportation systems of regional significance in the urban area.

SKATS is governed by a policy committee made up of elected officials from the jurisdictions within the area (the cities of Salem, Keizer, and Turner and Marion and Polk Counties) and representatives of agencies such as the Oregon Department of Transportation (ODOT), the Salem Area Mass Transit District (SAMTD), and the Salem-Keizer School District (SKSD) which are responsible for building and operating the transportation infrastructure. The SKATS Policy Committee provides a valuable forum to consider the issues, develop coordinated strategies, and recommend prudent investments in the system to solve the transportation challenges faced in the future. Many of the significant improvements to the transportation system require a pooling of many types of federal, state, and local dollars; and several projects have more than one sponsor. The SKATS Policy Committee provides the means to develop the "community of interest" necessary to coordinate the transportation planning and investments to solve the current and expected problems and to create a workable system for the future.

SKATS is responsible for planning, programming, and coordinating federal transportation improvement investments throughout the region. To achieve this objective of regional transportation planning, SKATS has developed important partnerships with the State of Oregon; Marion County; Polk County; Salem Keizer Transit; Salem Keizer School District; and the cities of Salem, Keizer, and Turner. SKATS coordinates its regional planning efforts with the Oregon Department of Transportation (**ODOT**), the Federal Highway Administration (**FHWA**), and the Federal Transit Administration (**FTA**). The MPO is staffed by the Mid-Willamette Valley Council of Governments.



Summary of Previous Years Federal Obligations

The amount of funds that were obligated through programs overseen by both the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) in recent years are summarized in **Table 1** (page 4). The number of projects that have at least one phase that was obligated is included for each year. A project is typically included in more than one year as not all phases of a project are always obligated in the same year. [For example, with a road project: the design may start in year one, right-of-way may occur in year two, and construction in year three.] Therefore, adding the number of projects for each year will not result in the total number of projects receiving federal funds. The amount of funds obligated can vary dramatically from one year to the next due to a variety of reasons. An example of this is the Coronavirus Aid, Relief, and Economic Security Act of 2020 (**CARES Act**) which provided additional funds to the SKATS area and are reflected in the 2020 funding amounts. Large variations in obligation amounts can also occur when the construction phase of a very large project is obligated or several buses are purchased in a single year. Transit formula funds are sometimes combined into a biennial program which causes fluctuations from year to year. Another reason for the difference in obligation amounts is due to Advance Construction (AC).

Advance Construction—Advance Construction (AC) allows states to begin a project even in the absence of sufficient Federal-aid obligation authority to cover the Federal share of project costs. It is codified in Title 23, Section 115. Advance Construction eliminates the need to set aside full obligational authority before starting projects.

Prior to Federal authorization of a project as AC, the project must be included in the Federally-approved STIP/MTIP [See 23 CFR 630.705]. The project will support the fiscally constrained element of the STIP/MTIP using all or some combination of state, local, and/or private funds. The financial limit on the amount of AC is set by the State's or MPO's ability to demonstrate fiscal constraint. Consideration should be given to the future availability of Federal-aid funds to accommodate the AC conversion.

Generally, when an AC project is converted to a Federally funded project, the STIP/MTIP will document the full or partial conversion of this project. The amount of conversion is limited to the apportioned Federal-funds available in the category. As with any project, the State is not locked into the category of funds identified in the approved STIP/MTIP. If the approved AC "conversion" substantially changes the current STIP/MTIP's fiscal constraint determination, the STIP/MTIP's will need to be amended. The fiscal constraint determination should be based on the individual, or group of project conversions, or the total amount and source(s) of Federal funds which are presented within the STIP/MTIP.



Transportation Options Program
outreach event



Safe Routes to
School outreach

Table 1

Summary of Federal Obligations from 2008 to 2021						
Year Reported	FHWA		FTA		Total Number of Projects *	Total Federal Funds Obligated
	Number of Projects with Obligated Funds*	Federal Funds Obligated	Number of Projects with Obligated Funds*	Federal Funds Obligated		
2008	13	\$ 7,603,364	7	\$ 4,649,459	20	\$ 12,252,823
2009	20	\$ 25,636,270	3	\$ 4,663,038	23	\$ 30,299,308
2010	16	\$ 12,654,873	15	\$ 15,386,064	31	\$ 28,040,937
2011	11	\$ 3,421,070	3	\$ 5,105,790	14	\$ 8,526,860
2012	12	\$ 5,282,037	6	\$ 5,216,186	18	\$ 20,498,223
2013	16	\$ 11,328,216	4	\$ 7,002,818	20	\$ 18,331,034
2014	9	\$ 6,446,242	7	\$ 11,296,634	16	\$ 17,742,876
2015	13	\$ 10,033,858	7	\$ 4,376,040	20	\$ 14,409,898
2016	10	\$ 10,930,048	5	\$ 9,617,847	15	\$ 20,547,895
2017	15	\$ 14,327,748	11	\$ 9,883,270	26	\$ 24,211,018
2018	13	\$ 22,017,751	7	\$ 10,697,744	20	\$ 32,715,494
2019	8	\$ 4,972,034	3	\$ 3,274,940	11	\$ 8,246,974
2020	19	\$ 14,225,266	6	\$ 25,529,167	25	\$ 39,754,433
2021	18	\$ 17,381,733	7	\$ 6,127,160	25	\$ 23,508,893
Totals		\$ 176,260,510		\$ 122,831,205		\$ 299,086,667
* Number of projects with one or more phases obligated during the fiscal year						

Table 2

Summary of Advance Construction Projects		
Year Reported	Number of Advance Constructed Projects	Total Advance Constructed Funds
2019	10	\$ 39,354,286
2020	7	\$ (6,816,447)**
2021	1	\$ 5,167,976
Totals	18	\$ 37,705,815
** Negative number indicates amount that was converted to federal funds		

Summary of Federal Obligations in FY 2021

A total of \$23,508,893 of FHWA and FTA federal funds were obligated in Federal Fiscal Year 2021 on 25 regionally significant transportation improvement projects and programs within SKATS. (See **Tables 5 and 6** for detailed information including category of each project.) Of this, \$6,127,160 (19%) was invested in transit projects, \$1,577,690 (5%); was invested in planning; \$2,705,167 (8.5%) was invested in safety specific intelligent transportation systems (ITS) projects; \$11,429,569 (4.5%) in other ITS projects; \$4,288,326 (13%) was invested in roadway preservation projects; \$4,171,611 (13%) in other roadway projects; \$10,377,275 (32%) in bridge upgrade projects; and \$462,110 (1%) was invested in projects to bring roads to an urban standard which include bicycle and pedestrian facilities. (See **Figure 1.**) While “safety” is not one of the specified categories, it should be noted that most projects also contain a multi-modal safety component. These results include projects that were converted from funds that were advance constructed (AC) in previous fiscal years. There also was a total of \$ -410,959 in adjustments and corrections to previous year federal obligations. (See **Table 5.**)

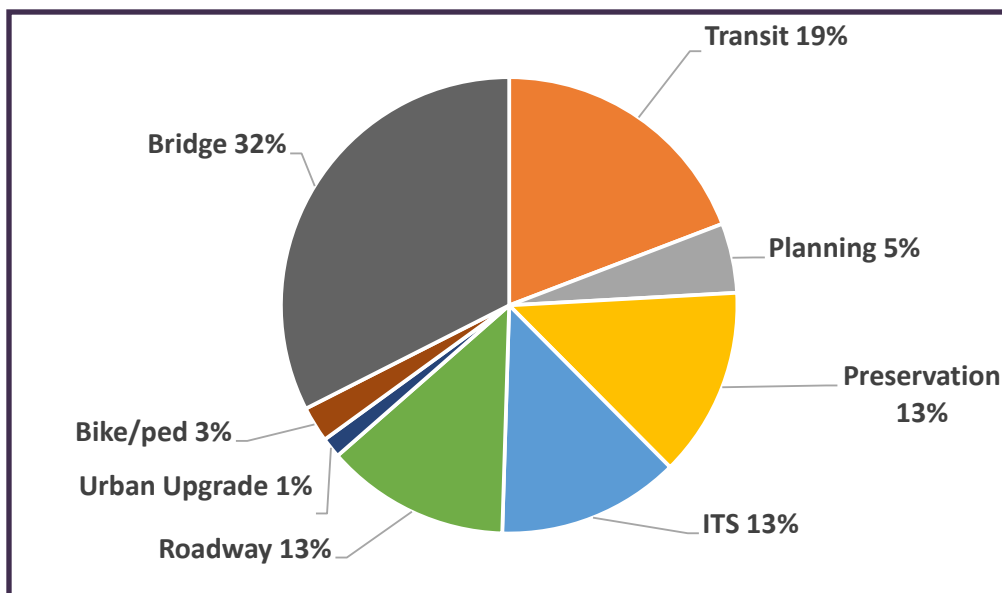


Figure 1
2021 Federal Funds Obligated by Category
(Does not include state or local funds in the project)

SKATS receives funds through the following programs yearly:

- ⇒ Surface Transportation Block Grant Program – Urban (STBG-U)
- ⇒ Transportation Alternative set aside (TA-U)
- ⇒ Congestion Mitigation Air Quality (CMAQ) Program

In addition, SKATS received Highway Improvement Program (HIP) funds.

SKATS has discretion in the programming of these funds through the development of the Transportation Improvement Program and must obligate the funds in a specified amount of time. In FY 2021, \$4,420,998 of SKATS discretionary federal funds was obligated. The amount of federal funds for each of the programs that was obligated is summarized below:

- STBGP-U = \$ 3,618,480
- TA-U = none in 2021
- CMAQ = \$ 802,518
- HIP = none in 2021
- Total SKATS Federal = \$ 4,420,998

Obligation Rates and Targets

Historically, local jurisdictions in the MPOs in Oregon have obligated less than 45 percent of the federal funds in the year that they were programmed (See **Figure 2**). The Oregon Department of Transportation (ODOT), in partnership with the respective transportation management areas (TMAs – which are metropolitan planning organizations (MPOs) with a population greater than 200,000) are working to provide a process to increase funding obligation rates. The process involves setting obligation rate targets over three-year rolling periods with rewards of additional funding for meeting targets and penalties (loss of funding) for missing targets (refer to **Table 3**). The first period of enforcement will be for federal fiscal years 2021-2023.

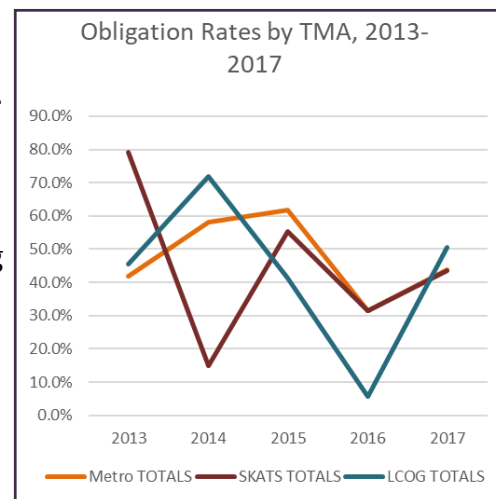


Figure 2

These calculations are based on Federal Highway (FHWA) formula funds only. They do not include special limitation funding, as those funds have their own timelines and restrictions. The formula funds associated to these metrics are as follows:

- ◇ Surface Transportation Block Grant Urban (STBG-U)
- ◇ Transportation Alternatives Program (TAP)
- ◇ Congestion Mitigation Air Quality (CMAQ)

The process for calculations are still being finalized but will include a graduated penalty phase and an exception process to exclude certain projects from the calculations for extenuating circumstances. In addition, MPOs will have the ability to reprogram a project by December 1 of each year to better meet timelines.

The project phases that were scheduled to obligate in FY 2021 and whether it actually obligated are listed in **Table 4**. Of the nine projects that were scheduled to obligate in 2021, all obligated. In addition, two projects that were scheduled to obligate in 2022 were advanced, resulting in an obligation rate of 123% which exceeds the first period target of 45 percent.

Table 3

Project Funding Obligation Targets			
Period (Federal FYs)	Minimum Target	Ideal Target	Incentives
2021—23	45%	100%	Rewards
2022-24	55%		Rewards
2023-25	65%		Rewards, Penalties
2024-26	70%		Rewards, Penalties
2025-27	80%	100%	Rewards, Penalties

Table 4

Projects Anticipated to Obligate in FY 2021				
Key Number	Phase	Project Name	Federal Funds	Obligated?
Projects programmed in FY2021 that obligated in FY 2021				
17312	CONS	Traffic Signal Interconnects (Marion County)	\$ 789,667	Yes
20491	PL	Salem-Keizer Area MPO Planning SFY 22	\$ 756,254	Yes
20735	Other	Salem Area Traffic Signal Control Center Operations	\$ 587,000	Yes
20743	RW	Hollywood Dr.: Silverton Rd to Greenfield Ln (Salem)	\$ 462,110	Yes
20745	RW	Lancaster Dr: Center St to Monroe Ave (Salem)	\$ 264,704	Yes
21335	Other	Mid-Valley Transportation Options Program (SFY 18-21)	\$ 345,743	Yes
21879	PE	Pedestrian Safety Improved Crossings (Salem)	\$ 233,298	Yes
21887	PE	McGilchrist St SE at 22nd Ave SE (Salem)	\$ 201,893	Yes
21896	PE	Delaney Rd: Battle Creek Bridge	\$ 417,245	Yes
		Total programmed that obligated in 2021	\$ 4,057,914	100%
Projects programmed in FY 2021 that did not obligate in 2021				
		Total programmed that did not obligate	0	0%
Projects programmed in future years that were advanced and obligated in 2021				
21883	PE	Orchard Heights Rd NW: Snowbird to Westhaven (Salem)	\$ 426,218	Yes
21890	PE	Commercial St SE: Vista St to Ratcliff Dr (Salem)	\$ 547,272	Yes
		Total advanced that obligated in 2021	\$ 973,490	
		Total programmed to obligate in FY 2021	\$ 4,057,914	100%
		Total obligated in FY 2021	\$ 5,031,404	123%



Annual Listing of Obligated Projects—SKATS



Regional Traffic Control Center



Bridge Screening project



**New pedestrian crossing on 45th Avenue
near Chemeketa Community College**

The following information regarding the obligation of federal funds for project phases, programs, and transit FTA grants are illustrated in **Tables 5, 6, and 7**:

- Financial Management Information System (FMIS) number or FTA project number, which is the federal tracking number;
- MTIP/STIP Key Number;
- Lead agency or agencies responsible for carrying out the project or phase;
- Project name and description;
- Whether or not the project includes walkway or bicycle facilities (roadway projects only);
- Project phase;
- Source of federal funds;
- Total amount of federal funds programmed in the MTIP;
- Amount of federal funds obligated in previous years;
- Amount of federal funds obligated in the 2021 program year;
- Amount of funds advanced constructed in the 2021 program year;
- Amount of federal funds available for future years;
- Amount of local funds available;
- Total amount of obligated funds-previous, current, and future years; and
- Total amount of funding for program, project, or project phase (federal plus non-federal amount).

Information contained in this report was obtained from FHWA's **FMIS** (Fiscal Management Information System), the state financial plan, and from Salem-Keizer Transit staff regarding FTA grants.

**Cherriots Buses
-Photo by Cherriots**



- ⇒ Non-transit project obligations for federal fiscal year 2021 are illustrated in **Table 5**.
- ⇒ Public transportation projects in the SKATS MTIP in which funds were obligated by FTA and FHWA to the Salem Keizer Area Mass Transit District are illustrated in **Table 6**.
- ⇒ Adjustments and corrections to projects from prior fiscal years, primarily to funded projects and planning funds that were incorrectly obligated or are closing out a project, are illustrated in **Table 7**.

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021 Table 5 FHWA Non-Transit Projects (Page 1 of 5)

FHWA Project Number (FMIS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMIS)	Federal Funding				Total Funds Advance Construction 2021	Total Federal Obl Previous, Current, and Future Years*	Local or State Funds	Total Federal, State, and Local Funds
						Funding Source	Fed Amount Programmed in TIP	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021	Fed Funds Available for Future Years			
C047081			Traffic Signal Interconnects Category: ITS		Preliminary Engineering	STBG-U	\$ 84,865	\$ 84,865	\$ (1,756)	\$ 1,756	\$ -	\$ 105,135	\$ 190,000
C047103	17312	Marion County	Description: Project will connect signals on Silverton Rd. (Brown to Cordon, Lancaster to 45th), Lancaster Drive (Silverton Rd. to Hayesville Dr.), Cordon Rd. (Silverton to Mill Creek Corporate Center.)	Yes	Construction	STBG-U	\$ 844,325	\$ -	\$ 844,325	\$ -	\$ -	\$ 279,675	\$ 1,124,000
C047103					Construction	Highway Improvement Program	\$ 101,900	\$ -	\$ -	\$ 101,900	\$ -	\$ 101,900	\$ 203,800
Comment and Correction: Highway Improvement Program funds were not obligated due to oversight until after end of the fiscal year.													
						Project Total		\$ 1,031,090	\$ 84,865	\$ 842,569	\$ -	\$ 486,710	\$ 1,517,800
S030030			OR22: Doaks Ferry Rd - Riggs Ave (Salem) Category: Roadway		Preliminary Engineering	STBG-U	\$ 89,730	\$ 89,730	\$ -	\$ -	\$ (99,600)	\$ 10,270	\$ 100,000
S030030					Preliminary Engineering	HSIP	\$ -	\$ -	\$ 383,098	\$ -	\$ -	\$ 43,847	\$ 426,945
					Right of Way	STBG-U	\$ 89,730	\$ -	\$ -	\$ 89,730	\$ -	\$ 10,270	\$ 100,000
	18322	ODOT		No	Utility Relocate	STBG-U	\$ 4,487	\$ -	\$ -	\$ 4,487	\$ -	\$ 513	\$ 5,000
					Construction	STBG-U	\$ 316,053	\$ -	\$ -	\$ 316,053	\$ -	\$ 36,174	\$ 352,227
			Description: Access Control at Doaks Ferry Rd at the intersection with OR 22 plus other intersection changes.		Construction	Advance Construct	\$ 89,730	\$ -	\$ -	\$ 89,730	\$ -	\$ 10,270	\$ 100,000
Comment and Correction: Funds were added to project. Old funds were converted from AC.													
						Project Total		\$ 589,730	\$ 89,730	\$ 500,000	\$ (99,600)	\$ 111,344	\$ 1,084,172
S001508			I-5: Woodburn-Salem Category: Preservation		Preliminary Engineering	Nat. Hwy. Performance Program	\$ 1,038,769	\$ 504,024	\$ -	\$ -	\$ -	\$ 42,521	\$ 546,545
S001508	19831	ODOT		No	Other	State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
S001508			Description: Resurfacing travel lanes		Construction	Nat. Hwy. Performance Program	\$ 19,169,471	\$ -	\$ 3,941,959	\$ 15,227,512	\$ (3,975,483)	\$ 1,617,203	\$ 20,786,674
Comment and Correction:													
						Project Total		\$ 20,208,240	\$ 3,941,959	\$ 15,227,512	\$ (3,975,483)	\$ 1,684,724	\$ 21,358,219

Continued next page

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021 Table 5 FHWA Non-Transit Projects (Page 2 of 5)

FHWA Project Number (FMIS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMIS)	Federal Funding					Total Federal Obl Previous, Current, and Future Years*	Local or State Funds	Total Federal, State, and Local Funds
						Funding Source	Fed Amount Programmed in TIP	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021	Fed Funds Available for Future Years			
S001508			I-5: Kuebler Blvd to Delaney Rd widening Category: Roadway		Preliminary Engineering	National Highway Performance	\$ 4,607,311	\$ 5,114,115	\$ 2,016,575	\$ -	\$ 7,130,690	\$ 816,139	\$ 7,946,829
S001508			Description: Construct a 3rd lane southbound, repave northbound lanes on I-5 between the Kuebler and Delaney interchanges and replace Battle Creek Rd and Commercial St. Bridges;		Right of Way	National Highway Performance	\$ 1,752,180	\$ -	\$ 1,570,046	\$ -	\$ 1,570,046	\$ 179,699	\$ 1,749,744
S001508	19929	ODOT	design a 3rd lane for future phase 2 widening of northbound I-5 between the Kuebler and Delaney interchanges; acquire right of way and relocate utilities for both phases to improve traffic flow.	No	Utility Relocate	National Highway Performance	\$ 46,110	\$ -	\$ -	\$ 46,110	\$ -	\$ 3,890	\$ 50,000
S001508					Construction	Hwy. Safety Improvement Program	\$ 23,634,757	\$ -	\$ -	\$ 23,634,757	\$ 23,634,757	\$ 1,993,910	\$ 25,628,667
Comment and Correction: Funds were added to Preliminary Engineering after phase was obligated due to increasing the scope of the project.													
Project Total							\$ 30,040,358		\$ 3,586,620	\$ 23,680,867	\$ -	\$ 2,993,638	\$ 35,375,240
S001527			I-5: VMS Replacement Category: ITS		Construction	State	\$ -	\$ -	\$ -	\$ -	\$ (60,865)	\$ -	\$ -
S001527	20068	ODOT	Description: Replace the obsolete variable message signs (VMS).	N/A	Other	Nat. Hwy. Performance Program	\$ 553,320	\$ -	\$ 549,162	\$ -	\$ (553,320)	\$ 62,854	\$ 612,016
Comment and Correction: AC Conversion													
Project Total							\$ 553,320	\$ -	\$ 549,162	\$ -	\$ (614,185)	\$ 62,854	\$ 612,016
S072013			City of Salem Signal Enhancements (Unit 3) Category: ITS		Preliminary Engineering	Hwy. Safety Improvement Program	\$ 246,300	\$ -	\$ 110,000	\$ -	\$ 110,000	\$ -	\$ 110,000
S072013	20187	ODOT	Description: Install reflectorized signal backplates, countdown pedestrian timers and dilemma zone protection timing feature at various signals on OR99E and OR22 to improve safety.	No	Construction	Hwy. Safety Improvement Program	\$ 979,450	\$ -	\$ 966,830	\$ -	\$ 966,830	\$ 80,429	\$ 1,047,259
Comment and Correction:													
Project Total							\$ 1,225,750	\$ -	\$ 1,076,830	\$ -	\$ -	\$ 80,429	\$ 1,157,259
S072012			Mission Street: 17th Street - I-5 north ramps(Salem) Category: ITS		Preliminary Engineering	Hwy. Safety Improvement Program	\$ 195,968	\$ 324,120	\$ -	\$ -	\$ 324,120	\$ -	\$ 324,120
S072012					Right of Way	Hwy. Safety Improvement Program	\$ 55,332	\$ 46,620	\$ -	\$ 8,712	\$ -	\$ 4,668	\$ 60,000
S072012	20214	ODOT		N/A	Construction	Hwy. Safety Improvement Program	\$ 1,049,500	\$ -	\$ 1,079,175	\$ -	\$ 1,079,175	\$ -	\$ 1,079,175
S072012			Description: Install Coordination or Adaptive Signal Timing of Urban Traffic Signals on OR 22 from the I-5 ramps to 17th Street.		Other	Hwy. Safety Improvement Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000	\$ 12,000
Comment and Correction: Other phase was added using state funds. STBG-U funds were temporarily obligated and will be replaced with HSIP funds, with no local match. Additional funds were added.													
Project Total							\$ 1,300,800		\$ 1,079,175	\$ 8,712	\$ -	\$ 16,668	\$ 1,475,295

Continued next page

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021

Table 5 FHWA Non-Transit Projects (Page 3 of 5)

FHWA Project Number (FMS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMS)	Federal Funding				Total Funds Available for Future Years	Total Funds Advance Construction 2021	Total Federal Obligation Previous, Current, and Future Years *	Local or State Funds	Total Federal, State, and Local Funds
						Funding Source	Fed Amount Programmed in TIP	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021					
PR21202			Salem-Keizer-Turner MPO Planning SFY20		Planning	Planning Funds	\$ 504,375	\$ 504,375	\$ -	\$ -	\$ -	\$ 504,375	\$ 57,728	\$ 562,103
PR21202	20490	SKATS MPO	Category: Planning	N/A	Planning	5303 Planning	\$ 169,005	\$ 66,220	\$ 102,785	\$ -	\$ (102,785)	\$ 169,005	\$ 19,343	\$ 188,348
PR21202			Description: MPO Planning activities		Planning	STBG-U	\$ 569,768	\$ 569,768	\$ -	\$ -	\$ -	\$ 569,768	\$ 65,212	\$ 634,980
Comment and Correction: Were from several funding sources. A portion was advanced construction and converted back.														
Project Total						Planning Funds	\$ 1,243,148		\$ 102,785	\$ -	\$ (102,784.84)	\$ 1,243,147	\$ 142,283	\$ 1,385,430
PR22202			Salem-Keizer-Turner MPO Planning SFY21		Planning	Planning Funds	\$ 550,387	\$ -	\$ 550,387	\$ -	\$ -	\$ 550,387	\$ 62,995	\$ 613,382
PR22202	20491	SKATS MPO	Category: Planning	N/A	Planning	5303 Planning	\$ 168,264	\$ -	\$ 168,264	\$ -	\$ -	\$ 168,264	\$ 19,258	\$ 187,522
PR22202			Description: MPO Planning activities		Planning	STBG-U	\$ 765,350	\$ -	\$ 756,254	\$ -	\$ -	\$ 756,254	\$ 87,598	\$ 843,852
Comment and Correction:														
Project Total						STBG-U	\$ 1,474,905		\$ 587,000	\$ -	\$ -	\$ 1,474,905	\$ 169,851	\$ 1,644,756
6490131	20735	Salem	Regional Traffic Signal Control Center Ops 2021-22 Category: ITS Description: Regional Traffic Signal Control Center Operation (2019-2020). Operated by the city of Salem.	N/A	Other	STBG-U	\$ 587,000	\$ -	\$ 587,000	\$ -	\$ -	\$ 587,000	\$ 177,185	\$ 764,185
Comment and Correction:														
Project Total						Preliminary Engineering	\$ 587,000	\$ -	\$ 587,000	\$ -	\$ -	\$ 587,000	\$ 177,185	\$ 764,185
C047092			Hollywood Dr: Silvertown Rd to Greenfield Ln (Salem)		Preliminary Engineering	CMAQ	\$ 559,915	\$ 559,915	\$ -	\$ -	\$ -	\$ 559,915	\$ 64,085	\$ 624,000
C047092			Category: Bike/Ped Urban	Yes	Right of Way	CMAQ	\$ 462,110	\$ -	\$ 462,110	\$ -	\$ -	\$ 462,110	\$ 52,891	\$ 515,001
C047092	20743	Marion County	Description: Construct bicycle and pedestrian improvements and add left turn refuge and signal at intersection with Silvertown Road to increase safety.		Construction	CMAQ	\$ 1,486,119	\$ -	\$ -	\$ 1,486,119	\$ -	\$ 1,486,119	\$ 732,782	\$ 2,218,901
C047092					Construction	STBG-U	\$ 376,514	\$ -	\$ -	\$ 376,514	\$ -	\$ 376,514	\$ 43,094	\$ 419,608
Comment and Correction:														
Project Total						STBG-U	\$ 2,884,658	\$ 559,915	\$ 462,110	\$ 1,862,633	\$ -	\$ 2,884,658	\$ 892,852	\$ 3,777,510
C047088			Lancaster Dr: Center St to Monroe Ave (Salem)		Preliminary Engineering	STBG-U	\$ 554,325	\$ 554,325	\$ -	\$ -	\$ -	\$ 554,325	\$ 63,445	\$ 617,770
C047089	20745	Marion County	Category: Roadway Description: Reconstruct Lancaster Drive between Center Street and Monroe Avenue including drainage, bike lanes, sidewalks, and access consolidation.	Yes	Right of Way	STBG-U	\$ 349,947	\$ -	\$ 346,357	\$ 3,590	\$ -	\$ 349,947	\$ 40,053	\$ 390,000
C047090					Construction	STBG-U	\$ 1,451,141	\$ -	\$ -	\$ 1,451,141	\$ -	\$ 1,451,141	\$ 628,859	\$ 2,080,000
Comment and Correction:														
Project Total						STBG-U	\$ 2,355,413	\$ 554,325	\$ 346,357	\$ 1,454,731	\$ -	\$ 2,355,413	\$ 732,357	\$ 3,087,770

Continued next page

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021 Table 5 FHWA Non-Transit Projects (Page 4 of 5)

FHWA Project Number (FMIS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMIS)	Funding Source	Fed Amount Programmed in TIP	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021	Fed Funds Available for Future Years	Total Funds Advance Construction 2021	Total Federal Obl Previous, Current, and Future Years*	Local or State Funds	Total Federal, State, and Local Funds
S030031			OR22: Center St Bridge (Salem) Category: Bridge		Preliminary Engineering	National Highway Performance	\$ 8,973,000	\$ -	\$ -	\$ 8,973,000	\$ 8,973,000	\$ 8,973,000	\$ 1,027,000	\$ 10,000,000
S030031	21705	ODOT	Description: Complete design for seismic retrofit improvements such that the bridge could survive a major seismic event and continue to provide a functioning crossing of the Willamette River.	No	Administration	National Highway Performance					\$ 987,030			
S030031					Right of Way	National Highway Performance	\$ 2,909,585	\$ -	\$ -	\$ 2,909,585	\$ -	\$ 2,909,585	\$ 333,015	\$ 3,242,600
Comment and Correction: Project used advance construct using state funds with the anticipation of convert to federal funds.														
Project Total							\$ 11,882,585	\$ -	\$ -	\$ 11,882,585	\$ 9,960,030	\$ 11,882,585	\$ 1,360,015	\$ 13,242,600
6490132			Pedestrian Safety Improved Crossings (Salem) Category: Bike/Ped		Preliminary Engineering	STBG-U	\$ 233,298	\$ -	\$ 233,298	\$ -	\$ -	\$ 233,298	\$ 26,702	\$ 260,000
	21879	Salem	Description: Installation of enhanced pedestrian crossings at the following locations: River Rd. N at River Road City Park, Lancaster Dr. NE at Weathers St. NE and Lancaster Dr. NE between Wolverine St. NE and Sunnyview Rd. NE, and State St. @ 19th St. SE and State St. @ 21st St. SE to increase safety.	Yes	Right of Way	STBG-U	\$ 58,325	\$ -	\$ -	\$ 58,325	\$ -	\$ 58,325	\$ 6,675	\$ 65,000
					Construction	STBG-U	\$ 218,260	\$ -	\$ -	\$ 218,260	\$ -	\$ 218,260	\$ 56,783	\$ 275,043
					Construction	Transportation Alternatives - U	\$ 717,801	\$ -	\$ -	\$ 717,801	\$ -	\$ 717,801	\$ 82,156	\$ 799,957
Comment and Correction:														
Project Total							\$ 1,227,684	\$ -	\$ 233,298	\$ 994,386	\$ -	\$ 1,227,684	\$ 172,316	\$ 1,400,000
6490130			McGilchrist Street SE at 22nd Ave SE (Salem) Category: Roadway		Preliminary Engineering	STBG-U	\$ 201,893	\$ -	\$ 201,893	\$ -	\$ -	\$ 201,893	\$ 23,108	\$ 225,000
6490130	21887	Salem	Description: Realign 22nd Ave SE at McGilchrist to make a four-leg intersection and install a new traffic signal to increase traffic flow.	No	Construction	STBG-U	\$ 4,082,715	\$ -	\$ -	\$ 4,082,715	\$ -	\$ 4,082,715	\$ 1,217,285	\$ 5,300,000
Comment and Correction:														
Project Total							\$ 4,284,608	\$ -	\$ 201,893	\$ 4,082,715	\$ -	\$ 4,284,608	\$ 1,240,393	\$ 5,525,000
6490134			Commercial St SE: Vista St to Ratcliff Dr (Salem) Category: Bike/Ped		Preliminary Engineering	STBG-U	\$ 233,864	\$ -	\$ 233,864	\$ -	\$ -	\$ 233,864	\$ 26,767	\$ 260,631
6490134					Preliminary Engineering	CMAQ	\$ 340,408	\$ -	\$ 340,408	\$ -	\$ -	\$ 340,408	\$ 38,961	\$ 379,369
6490134	21890	Salem	Description: Construction of sidewalks along the east side of Commercial Street SE between Ratcliff Drive and Vista Street, and new signal at Ratcliff to increase safety.	Yes	Right of Way	STBG-U	\$ 287,136	\$ -	\$ -	\$ 287,136	\$ -	\$ 287,136	\$ 32,864	\$ 320,000
6490134					Construction*	CMAQ	\$ 1,453,626	\$ -	\$ -	\$ 1,453,626	\$ -	\$ 1,453,626	\$ 166,374	\$ 1,620,000
6490134					Construction*	STBG-U	\$ 969,084	\$ -	\$ -	\$ 969,084	\$ -	\$ 969,084	\$ 110,916	\$ 1,080,000
Comment and Correction: *Construction in illustrative year.														
Project Total							\$ 3,284,118	\$ -	\$ 574,272	\$ 2,709,846	\$ -	\$ 3,284,118	\$ 375,882	\$ 3,660,000

Continued next page

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021

Table 5 FHWA Non-Transit Projects (Page 5 of 5)

FHWA Project Number (FMIS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMIS)	Federal Funding					Total Federal Obl Previous, Current, and Future Years*	Local or State Funds	Total Federal, State, and Local Funds
						Funding Source	Fed Amount Programmed in TIP	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021	Fed Funds Available for Future Years			
C047104			Delaney Rd: Battle Creek Bridge		Preliminary Engineering	STBGP-U	\$ 417,245	\$ -	\$ 417,245	\$ -	\$ 417,245	\$ 47,756	\$ 465,000
	21896	Marion County	Category: Roadway/Bridge		Right of Way	STBGP-U	\$ 197,406	\$ -	\$ -	\$ 197,406	\$ 197,406	\$ 22,594	\$ 220,000
			Description: Replace the existing bridge on Delaney Road over Battle Creek. Project includes various intersection and roadway improvements to improve traffic flow and safety.	No	Construction*	STBGP-U	\$ 3,499,470	\$ -	\$ -	\$ 3,499,470	\$ 3,499,470	\$ 400,530	\$ 3,900,000
Comment and Correction: *Construction in illustrative year.													
Project Total							\$ 4,114,121	\$ -	\$ 417,245	\$ 3,696,876	\$ -	\$ 470,880	\$ 4,585,000
CVID003	NA	SKATS MPO	HIP-CRRSAA Funds - SKATS Transportation Management Area	N/A	Other	HIP-COVID	\$ -	\$ -	\$ 1,930,892	\$ -	\$ 1,930,892	\$ -	\$ 1,930,892
			Category: NA										
			Description: SKATS Transportation Management Area Revenue Loss due to COVID -19.										
Comment and Correction: This was a unique case where Highway Infrastructure Programs - Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) funds were distributed to the SKATS MPO to cover lost revenue to the local jurisdictions due to COVID-19 restrictions. ODOT documented the loss statewide including SKATS and reimbursed SKATS with state funds to be distributed as the MPO determined.													
Project Total							\$ -	\$ -	\$ 1,930,892	\$ -	\$ 1,930,892	\$ -	\$ 1,930,892
TOTAL FEDERAL FUNDS IN FHWA PROJECTS OBLIGATED IN FY 2021											\$ 5,167,977		
* Total Obligation may not equal Total Programmed due to rounding and other reasons listed in comments for each project.													

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021

Table 6 Transit Projects (Page 1 of 2)

FTA Project Number	Project Key #	Responsible Agency	Project Name/Description	Phase	Federal Funding				Total Federal Obl Previous, Current, and Future Years*	Obligated Federal, State and Local Funds	
					Funding Source	Fed Amount Programmed *	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021	Fed Funds Available for Future Years	Local Funds	Funds
OR-2021-010-01	20772	SK Transit	Transit Urban (5310) Formula Program 2020 SKT <i>Description:</i> Shop and Ride Purchase of Service, Preventive Maintenance, and Mobility Management.	Other	Transit 5310(a)	\$ 243,000	\$ -	\$ 244,731	\$ -	\$ 61,183	\$ 305,914
			Project Total			\$ 243,000		\$ 244,731		\$ 61,183	\$ 305,914
OR-2021-013-00			SAMTD Low or No Emission Vehicle Project	Preliminary Engineering	Transit 5339(c)	\$ 112,500	\$ -	\$ 112,500	\$ -	\$ 37,500	\$ 150,000
OR-2021-013-00	22291	SK Transit	<i>Description:</i> Purchase approximately five (5) Gillig battery electric buses and related facilities improvements. This includes the lease of batteries, and the design, acquisition, and construction of facilities needed to charge the batteries.	Construction	Transit 5339(c)	\$ 487,500	\$ -	\$ 487,500	\$ -	\$ 162,500	\$ 650,000
OR-2021-013-00				Other	Transit 5339(c)	\$ 2,973,581	\$ -	\$ 2,973,581	\$ -	\$ 3,252,444	\$ 6,226,025
			Project Total			\$ 3,573,581		\$ 3,573,581		\$ 3,452,444	\$ 7,026,025
OR-2021-020-00	22309	SK Transit	SAMTD Enterprise resource planning system <i>Description:</i> SAMTD will implement an enterprise resource planning system including software purchase and project management to improve system efficiency and reporting.	Other	Transit 5339(a)	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ 100,000	\$ 500,000
			Project Total			\$ 400,000		\$ 400,000		\$ 100,000	\$ 500,000
OR-2021-019-01			Keizer Transit Center Access at Keizer Station Blvd. Signal	Preliminary Engineering	Transit 5339(a)	\$ 376,000	\$ 21,225	\$ -	\$ -	\$ 94,000	\$ 94,000
OR-2021-019-01	21225	SK Transit	<i>Description:</i> Construct new signal on Keizer Station Blvd. at the Keizer Transit Center access road to allow buses to turn left, and add a second left turn pocket and related signal adjustments at the intersection of Chemawa Rd., Lockhaven Dr., and Keizer Station Blvd. so that the left turn queues will not block the access to the transit center.	Construction	Transit 5339(a)	\$ 1,603,788	\$ 1,453,788	\$ 125,729	\$ -	\$ 363,447	\$ 1,942,964
			Project Total			\$ 1,979,788		\$ 125,729		\$ 457,447	\$ 2,036,964
OR-2021-021-00			South Salem Multi-Modal Transit Facility	Preliminary Engineering	Transit 5339(c)	\$ 342,553	\$ -	\$ 336,824	\$ -	\$ 84,206	\$ 421,030
OR-2021-021-00	22356	SK Transit	<i>Description:</i> Design for a future project to acquire property and construct a new multi-modal transit facility to serve the south Salem area to improve the transit service in the area and provide options for multi-modal transfers.	Right of Way	Transit 5339(c)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
OR-2021-021-00				Construction	Transit 5339(c)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			Project Total			\$ 342,553		\$ 336,824		\$ 905,100	\$ 421,030
*Funding amounts listed for the Formula Programs are the estimated amounts that SAMTD will receive for each program, not necessarily the authorized amount.											

Continued next page

**Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021
Table 6 Transit Projects (Page 2 of 2)**

FTA Project Number	Project Key #	Responsible Agency	Project Name/Description	Phase	Federal Funding				Total Federal Obl Previous, Current, and Future Years*	Local Funds	Obligated Federal, State and Local Funds	
					Funding Source	Fed Amount Programmed *	Fed Funds Obligated in Previous Yrs	Fed Funds Obligated in FY 2021				Fed Funds Available for Future Years
FTA Projects Obligated in 2021 Total												
6490119			Mid-Valley Transportation Options Program (SFY 18-21)	Other	STBG-Flex	\$ 571,285	\$ 571,285	\$ 36,447	\$ -	\$ 571,285	\$ 4,146	\$ 575,431
6490119	21335	SK Transit	Description: Combined Transportation Demand Management (TDM) & Rideshare Program (TO program) for state fiscal years 18, 19, 20 and 21. Strategic approach for service coordination including education, marketing and community outreach to promote the use of transportation.	Other	CMAQ	\$ 481,122	\$ 481,122	\$ 309,296	\$ -	\$ 790,418	\$ 90,467	\$ 880,885
6490119				Other	STBG-U	\$ 162,588	\$ 162,588	\$ -	\$ -	\$ 162,588	\$ 296	\$ 162,884
Comment and Correction: The rideshare portion does not require match. Project funding increased by \$382,643.32 after obligation so does not match TIP, moving funds from project key 20760. Update project name to Mid-Valley Transportation Options Program (SFY 18-21).												
						\$ 1,214,995		\$ 345,743		\$ 1,524,291	\$ 94,909	\$ 1,619,200
OR-2021-023-00	21479	SK Transit	SAMTD Bus Stop Improvements Phase 2 Description: Install bus stops and shelters at various locations	Other	STBG Flexed to FTA 5307	\$ 1,103,077	\$ -	\$ 1,103,077	\$ -	\$ 1,103,077	\$ 126,252	\$ 1,229,329
Project Total						\$ 1,103,077		\$ 1,103,077		\$ 1,103,077	\$ 126,252	\$ 1,229,329
FHWA Projects Obligated in 2021 Total						\$ 1,448,819						
TOTAL FEDERAL FUNDS IN TRANSIT PROJECTS OBLIGATED IN 2021												
						\$ 6,129,684						



New Cherriots buses

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021
**Table 7 Adjustments and Corrections to
Previous Years Federal Obligations (Page 1 of 2)**

FHWA Project Number (FMIS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMIS)	Funding Source	Fed Funds Obligated in FY 2021	Local or State Funds	Total Adjusted Federal, State and Local Funds
7515006	16587	Turner	Delaney Rd Sidewalks and Bikelanes (City of Turner)	Yes	Construction	STBG-Urban	\$ 27,621	\$ 3,161	\$ 30,783
7515006	16587	Turner		Yes	Construction	TAP	\$ (3,940)	\$ (451)	\$ (4,391)
7515006	16587	Turner		Yes	Construction	Bike/Ped	\$ 30,135	\$ 3,449	\$ 33,584
				Project Total			\$ 53,816	\$ 6,160	\$ 59,976
S001425	18156	ODOT	I-5: Kuebler Intchg Phase 2 Sound Wall (Salem)	No	Construction	National Highway Performance Program	\$ (343,834)	\$ (39,353)	\$ (383,187)
					Project Total			\$ (343,834)	\$ (39,353)
S001487	18574	ODOT	I-5: Salem Area Bridge End Panel Raising	No	Construction	Highway Safety Improvement	\$ (6,314)	\$ (723)	\$ (7,037)
					Project Total			\$ (6,314)	\$ (723)
S030026	20046	ODOT	OR22: Center Street Bridge (Salem)	No	Planning	STBG-Urban	\$ (8,374)	\$ (958)	\$ (9,332)
					Project Total			\$ (8,374)	\$ (958)
PR21202	20489	SKATS MPO	Salem Keizer Turner MPO Planning SFY 20	N/A	Plan	Planning Funds	\$ (145,350)	\$ (16,636)	\$ (161,986)
PR21202					Plan	Transit 5303	\$ 795	\$ 91	\$ 886
				Project Total			\$ (144,555)	\$ (16,545)	\$ (161,100)

Continued next page

Annual Listing of Obligated SKATS Transportation Projects Federal Fiscal Year 2021
Table 7 Adjustments and Corrections to
Previous Years Federal Obligations (Page 2 of 2)

FHWA Project Number (FMIS)	Project Key #	Responsible Agency	Project Name/Description	Includes Walkways and Bikelanes	Phase (FMIS)	Funding Source	Fed Funds Obligated in FY 2021	Local or State Funds	Total Adjusted Federal, State and Local Funds
PR21202	20681	ODOT	Region 2 Bridge Screening Project	N/A	Preliminary Engineering	STP Hazard Elimination Program	\$ (63,534)	\$ (7,272)	\$ (70,805)
PR21202					Construction	Nat. Hwy. Performance Program	\$ 104,359	\$ 11,944	\$ 116,303
Project Total							\$ 40,825	\$ 4,673	\$ 45,498
6490126	20738	Salem	Hilfiker Ln SE at Commercial St SE (Salem)	Yes	Preliminary Engineering	STBG-Urban	\$ 314,055	\$ 35,945	\$ 350,000
6490126					Preliminary Engineering	CMAQ	\$ (314,055)	\$ (35,945)	\$ (350,000)
Project Total							\$ -	\$ -	\$ -
Grant Number	TOTAL FHWA ADJUSTMENTS AND CORRECTIONS FROM PREVIOUS YEARS OBLIGATIONS						\$ (408,435)		\$ (455,183)
OR-2021-019-01	21474	SK Transit	Keizer Transit Center access at Keizer Station Blvd	N/A	Other	Transit 5339(a)	\$ (2,524)	\$ (631)	\$ (3,155)
Project Total							\$ (2,524)	\$ (631)	\$ (3,155)
TOTAL FTA ADJUSTMENTS AND CORRECTIONS FROM PREVIOUS YEARS OBLIGATIONS							\$ (2,524)		\$ (3,155)
TOTAL ADJUSTMENTS AND CORRECTIONS FROM PREVIOUS YEARS OBLIGATIONS							\$ (410,959)		\$ (458,338)

Completed Projects

The following roadway construction projects or transit capital projects--that used MPO or ODOT federal funds, or regionally significant locally funded projects in the MTIP, and are within the Salem-Keizer urbanized area--were completed in FY 2021.

45th Avenue: Ward Drive-Silverton Road - KN 19234

45th Avenue NE is a key collector between a major arterial and a key east-west collector in northeast Salem. It is adjacent to the Chemeketa Community College main campus and serves two nearby elementary schools. The project includes building sidewalks and bike lanes along 45th Avenue NE between Silverton Road NE and Ward Drive NE, adding a turn lane at Fire Protection Way, and installing a crosswalk. This project completes the multi-modal improvements to the 45th Avenue corridor. The \$4.9 million project is funded using STBG, TAP funds, and Marion County funds.



Before—no curbs and sidewalks.



Under construction—new curbs and sidewalks.



After—Complete street with new turn lane, curbs, bike lanes, sidewalks and pedestrian crossing.

OR22: Independence Junction {Illumination} - KN 20070

The entire illumination system at the OR22/Independence junction was replaced with new poles and electrical, including LED fixtures. The existing poles were old, and the wire was direct buried. The street lights were outdated and becoming difficult to maintain. Due to the age of the old lighting, the street lights presented a safety hazard. In addition to replacing the nine existing street lights, three new street lights were installed. Total cost of the project was \$950,00 using National Highway Performance Program funds.



OR22 Independence Junction

Installing new LED lights

After—Showing the effectiveness of the new LED lights at night



Region 2 Bridge Screening Project—KN 20681

This project consisted of installing bridge protective screening and repairing the bridge rail on five bridges in region 2, including three bridges in SKATS over OR 22 E— Lancaster Drive, Cordon Road and 72nd Avenue. The new protective screening on the bridges will improve safety by reducing the ability for objects to fall or be thrown off the bridge onto the highway below. This project was funded using National Highway Performance Program and ODOT funds at a cost of just over \$1.3 million.



**Lancaster Drive Bridge over
OR 22 E before screening in-
stalled**



**New screening on the
Lancaster Drive Bridge
over OR 22 E**



Projects Under Construction

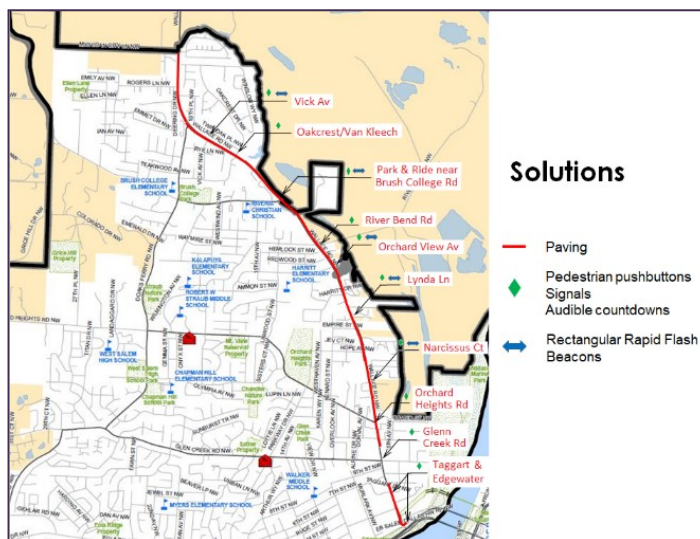
The following are roadway construction projects or transit capital projects within the Salem-Keizer urbanized area that use MPO or ODOT federal funds. These projects were under construction (or contract for purchase) in FY 2021 and are anticipated to be completed in FY 2022.

OR221: Michigan City Ln-Edgewater St - KN 20122

This \$9.9 million project includes a series of improvements on the entire stretch of OR 221 (Wallace Road) from Michigan City Lane to Edgewater Street, a distance of about 3.2 miles. Project elements include:

- Repaving the entire stretch of roadway.
- Upgrading the curb ramps to meet current American with Disabilities (ADA) standards.
- Upgrading traffic signals with yellow reflective back plates to improve driver visibility, and crosswalks will receive countdown pedestrian signals.
- Installing rapid flashing beacons (RRFBs) and other improvements at five crosswalks: Narcissus Court NW, Lynda Lane NW, Orchard View Avenue NW, the Park and Ride north of Brush College Road and Vick Avenue NW.

The project will benefit the 35,000 motorists a day that use this section of highway and enhance the safety for pedestrians and bicyclists, while meeting current ADA standards along this stretch of OR 221 (Wallace Road). Construction started in 2021 and is expected to take two years to complete. There will be no full lane closures, but there will be single-lane closures along with some detours for bicyclists and pedestrians. There will be no lane closures during peak hours or on the weekends, most paving will occur at night.



Project elements



Installing new curb ramps



Transportation Planning Acronyms and Terms

The following includes acronyms that are related to transportation planning. An attempt has been made to spell out all acronyms the first time they are used in the document. In addition, for many of the terms used, additional detail is provided.

ADA: *Americans with Disabilities Act.* Federal legislation defining the responsibilities of and requirements for transportation providers to make transportation accessible to individuals with disabilities.

AC: *Advance Construction.* Allows states to begin a project even in the absence of sufficient Federal-aid obligation authority to cover the Federal share of project costs. It is codified in Title 23, Section 115.

ARTS: *All Roads Transportation Safety.*

Bikeway: A facility designed to accommodate bicycle travel for recreational or commuting purposes. Bikeways are not necessarily separated facilities; they may be designed and operated to be shared with other travel modes.

CMAQ: *Congestion Mitigation and Air Quality Improvement Program.*

CNG: *Compressed Natural Gas.*

FAST: *Fixing America's Surface Transportation.* Five-year federal surface transportation legislation from 2015-2020. Was extended to 2021.

FHWA: *Federal Highway Administration.*

FMIS: *Financial Management Information System.* The federal tracking system.

FTA: *Federal Transit Administration.*

HSIP: *Highway Safety Improvement Program.*

ITS: *Intelligent Transportation System.* The application of advanced technologies to improve the efficiency and safety of transportation systems.

Metropolitan Planning Area: The geographic area in which the metropolitan transportation planning process required by 23 U.S.C. 134 and section 8 of the Federal Transit Act (49 U.S.C. app. 1607) must be carried out.

MPO: *Metropolitan Planning Organization* (such as SKATS).

MTIP: *Metropolitan Transportation Improvement Program* (See TIP).

MWVCOG: *Mid-Willamette Valley Council of Governments.*

NHPP: *National Highway Performance Program.*

NHS: *National Highway System.*

PL: *Metropolitan Planning Funds* (federal money provided to the MPO). This is the primary source of funding for metropolitan planning designated by the FHWA.

SAMTD: *Salem Area Mass Transit District.* Provides public transportation in the Salem-Keizer urban area. Locally known as “Cherriots.” Also uses the acronyms SKT and SKTD.

SKATS: *Salem-Keizer Area Transportation Study.* The metropolitan planning organization for the Salem-Keizer-Turner urban area.

SRTS: *Safe Routes to School.*

STIP: *Statewide Transportation Improvement Program.* A staged, multi-year, statewide, intermodal program of transportation projects, consistent with the statewide transportation plan and planning processes as well as metropolitan plans, **TIPs**, and processes.

STBG: *Surface Transportation Block Grant Program.* Federal-aid highway funding program that funds a broad range of surface transportation capital needs, including many roads, transit, sea and airport access, vanpool, bike, and pedestrian facilities. Renaming of STP with the passage of FAST.

STBG-U: *Surface Transportation Block Grant Program– Urban.* Federal-aid highway funding program that funds a broad range of surface transportation capital needs, including many roads, transit, sea and airport access, vanpool, bike, and pedestrian facilities, specifically for the urban areas.

TA: *Transportation Alternative set aside program.* Federal funding program for alternative modes.

TIP: *Transportation Improvement Program.* A document prepared by a metropolitan planning organization that lists projects to be funded with **FHWA/FTA** funds for the next one- to three-year period.

TMA: *Transportation Management Area.* An area designated by the Secretary of Transportation, having an urbanized area population of over 200,000, or upon special request from the Governor and the MPO designated for the area.