



REVISED
STAFF REPORT/RESOLUTION

TO: Southwest Washington Regional Transportation Council Board of Directors
FROM: Matt Ransom, Executive Director *MR*
DATE: September 30, 2014
SUBJECT: 2015-2018 Transportation Improvement Program, Resolution 10-14-18

AT A GLANCE - ACTION

The purpose of this resolution is to seek RTC Board adoption of the 2015-2018 Transportation Improvement Program (TIP) including the selection of additional regional STP and CMAQ projects. The TIP completes the programming of an additional \$9.7 million in regionally allocated federal funds. In total, the 2015-2018 TIP programs approximately \$146 million in transportation improvements.

INTRODUCTION

As the Metropolitan Planning Organization for the Clark County region, RTC is required to develop a financially constrained regional Transportation Improvement Program (TIP). The requirements for the TIP are established in federal surface transportation legislation.

The 2015-2018 Transportation Improvement Program is a four-year program of regionally significant transportation projects and indicates commitment for funding on these projects. Projects programmed in the TIP are drawn either directly from specific project recommendations made in the Metropolitan Transportation Plan or are developed from a more general series of recommendations (e.g. preservation, maintenance, safety, etc.).

The RTC Board has the responsibility for selecting projects for the regionally allocated Surface Transportation Program (STP) and Congestion Mitigation and Air Quality (CMAQ) Program. The regionally selected federal transportation projects are incorporated into the TIP along with other regionally significant projects selected by other agencies. The regionally competitive process includes the following three steps:

1. *Project Screening:* Projects are reviewed for consistency with the Metropolitan Transportation Plan, land use plans, air quality goals, and regional screening criteria.
2. *Evaluation and Ranking by Needs Criteria:* Each project is evaluated and ranked against a set of needs criteria which have been adopted by the RTC Board.
3. *Project Selection and Programming:* Projects are programmed for funding utilizing the project information generated by the previous steps.

The RTC Board at their September 2, 2014 meeting completed the first two steps, via their acceptance with the ranking of projects. Adoption of this resolution will complete the final step of project selection and programming. RTAC at their September meeting recommended that the RTC Board of Directors select the additional STP and CMAQ projects and adopt the 2015-2018 Transportation Improvement Program.

Attached to this Resolution is a map that displays the location of additional regionally selected projects and the 2015-2018 TIP Summary that lists all regionally significant projects, by calendar year and project phase. The Full Draft of the 2015-2018 Transportation Improvement Program is provided on line with the RTC Board October 2014 documents and copies will be available at the RTC Board meeting.

REGIONAL PROJECT SELECTION

The regional project selection process is completed by matching the project ranking to the available funding levels by year. All projects programmed in the TIP can proceed when ready, beginning in January 2015. RTC staff is recommending that the following projects be selected for either STP or CMAQ funding awards and programmed in the 2015-2018 TIP:

STP Program

Program	Jurisdiction	Project Name/Description	Phase	STP
STP TMA	Vancouver	NE 18th Street, Four Seasons to 136th Av. <i>Widen to 5 lanes with bicycle lanes and sidewalks</i>	CN	\$1,000,000
	Clark County	NE 94th Av., Padden to 99th St. <i>Intersection and road improvements (3 lane arterial)</i>	CN	\$1,600,000
	Camas	Brady Rd. NW 16th Av. to 25th Av. <i>Widen to 3 lanes with bicycle lanes, sidewalks, etc.</i>	PE	\$339,000
	Clark County	NE 119th Street, 50th Av. to 72nd Av. <i>Widen to 3 lanes with bicycle lanes, sidewalks, etc.</i>	PE CN	\$675,000 \$500,000
	Battle Ground	SR-502/SR-503 Intersection <i>Improve intersection</i>	PE RW	\$143,900 \$108,100
	RTC	VAST Coordination and Management <i>ITS coordination</i>	PE	\$205,000
	RTC	UPWP and Congestion Management <i>Support work elements of the UPWP and CMP</i>	PE	\$300,000
	STP Rural	Clark County	Carty Road Reconstruction <i>Replace culvert, improve sight distance, and add guardrail</i>	PE CN
La Center		4th Street and Pacific Highway Roundabout <i>Intersection Improvements</i>	CN	\$692,000
Total STP				\$6,863,000

CMAQ Program

Program	Jurisdiction	Project Name/Description	Phase	CMAQ
CMAQ	WSDOT	Vancouver Urban ITS Device Infill	PE	\$65,600
		<i>Installation cameras and detection devices</i>	CN	\$651,900
	WSDOT	SR-503, Fourth Plain to Main St. ITS Device Infill	PE	\$32,800
		<i>ATIS device infill and communications</i>	CN	\$274,700
	Clark County	Signal, Timing, Evaluation, Verification and Enhancement	PE	\$160,000
		<i>Install ITS devices, collect and analyze data, retime</i>	CN	\$760,000
Washougal	32nd St. Active Traveler Information Feasibility	CN	\$40,000	
	<i>Evaluate 32nd St. traveler information sign on SR-14</i>			
C-TRAN		Open Trip Planner and Alerts System	PE	\$128,000
		<i>Implement a transit traveler information system</i>		
C-TRAN		4-5 Hybrid Buses	CN	\$720,000
		<i>Diesel/electric hybrid upgrades of buses</i>		
Total CMAQ				\$2,833,000

POLICY EXCEPTION

NE 18th Street (Four Seasons to NE 136th Avenue) – Construction Funding Request: Because of its high importance to the regional arterial system (rated as most deficient regional arterial in recent Congestion Management Process), the NE 18th Street project is recommended to receive funding that will exceed the funding limit, as identified in TIP procedures. Endorsement of the proposed grant award and TIP will recognize and advance this exception.

MTIP ADOPTION & FINDINGS

Adoption of the 2015-2018 Transportation Improvement Program (TIP) will include the following actions:

- Programs regionally significant projects totaling approximately \$146 million.
- All projects programmed in the TIP are considered selected projects and can proceed towards implementation.
- The TIP development process meets federal public participation requirements.
- Certification that the RTC planning process is being carried out in accordance with all applicable federal requirements.
- TIP consistency with the Metropolitan Transportation Plan, Congestion Management Process, Clean Air Act as amended, the Air Quality State Implementation Plan, and Conformity Guidelines.

POLICY IMPLICATION

The 2015-2018 Transportation Improvement Program (TIP) is a four year program of regionally significant transportation projects in the Clark County region. The Metropolitan Transportation Plan represents the long-range plan and policies for the development and implementation of the

regional transportation system. Projects programmed in the TIP are consistent with the long-range transportation plan and assist the region in implementing the overall Metropolitan Transportation Plan.

BUDGET IMPLICATION

Projects must be included in the Statewide Transportation Improvement Programs (STIP) as a condition for the receipt of federal transportation funds. Approval of the 2015-2018 TIP will program regional transportation projects totaling approximately \$146 million, which will be programmed in the STIP.

ACTION REQUESTED

Adoption of Resolution 10-14-18, "2015-2018 Transportation Improvement Program."

ADOPTED this 7th day of October 2014,
by the Southwest Washington Regional Transportation Council.

SOUTHWEST WASHINGTON
REGIONAL TRANSPORTATION COUNCIL

ATTEST:



Jack Burkman
Chair of the Board



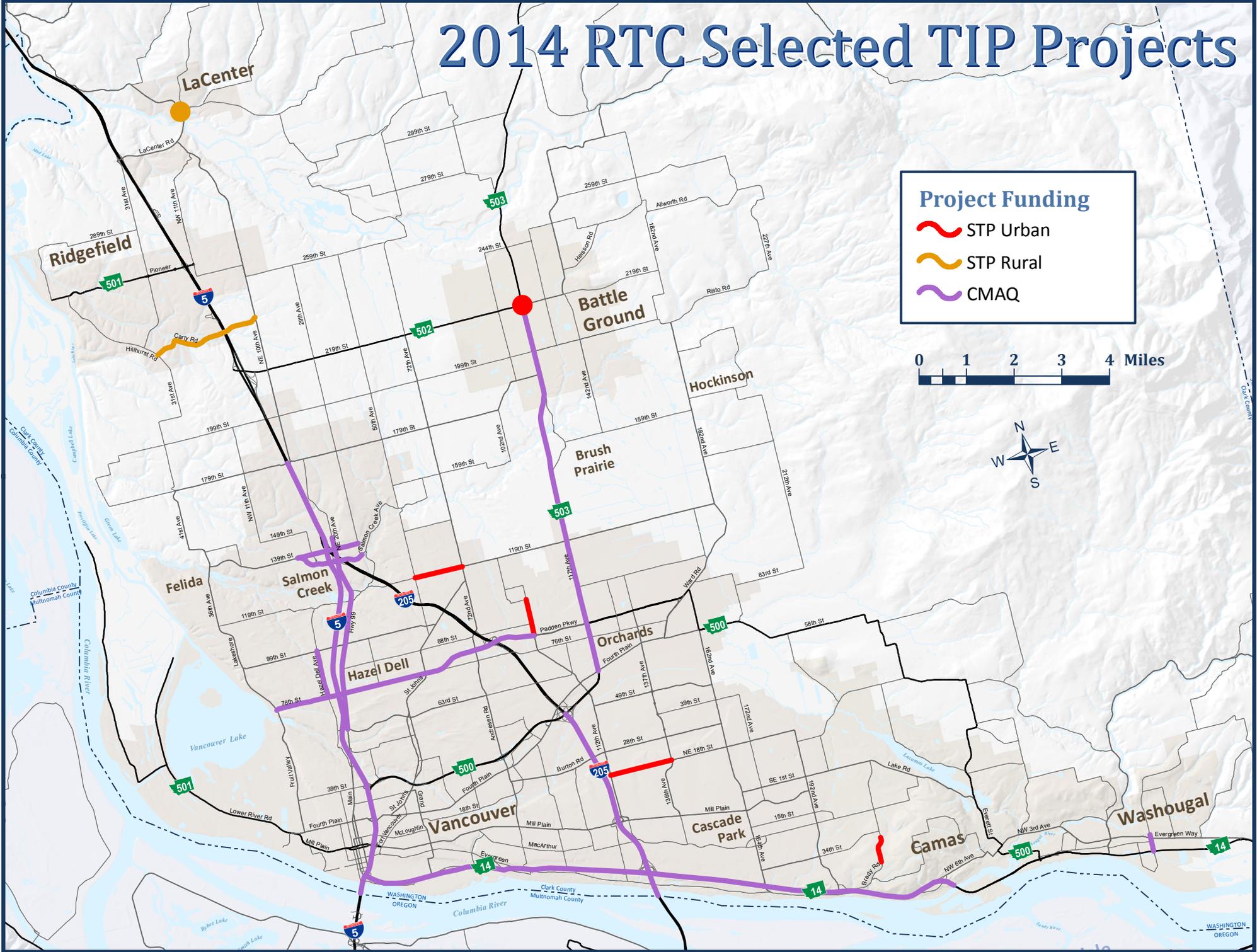
Matt Ransom
Executive Director

Attachment

2014 RTC Selected TIP Projects

Project Funding

- STP Urban
- STP Rural
- CMAQ



2015 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
Section 5307	1	C-TRAN	Preventative Maintenance	\$4,600		\$1,150	\$5,750
	2	C-TRAN	Associated Transportation Improvements	\$141		\$35	\$176
	Section 5307 Program Totals			\$4,741	\$0	\$1,185	\$5,926
Section 5310	1	C-TRAN	ADA Expansion	\$851		\$213	\$1,064
	Section 5310 Program Totals			\$851	\$0	\$213	\$1,064
Section 5337	1	C-TRAN	Bus Replacement	\$247		\$62	\$309
	Section 5337 Program Totals			\$247	\$0	\$62	\$309
Section 5339	1	C-TRAN	Bus Replacement	\$1,656		\$414	\$2,070
	Section 5339 Program Totals			\$1,656	\$0	\$414	\$2,070
CMAQ	1	WSDOT	SR-14 Traveler Information, 164th-NW 6th (CN)	\$606		\$228	\$834
	CMAQ Program Totals			\$606	\$0	\$228	\$834
STP-Region STP-Urban STP-Rural	1	Washougal	Evergreen/32nd St. Intersection (CN)	\$850		\$597	\$1,447
	2	RTC	UPWP & CMP Support (PE)	\$250		\$39	\$289
	1	Clark County	Carty Road Reconstruction (PE)	\$30		\$377	\$407
	STP (Regional) Program Totals			\$1,130	\$0	\$1,013	\$2,143
TAP	Transportation Alternatives Program Totals			\$0	\$0	\$0	\$0
Discretionary	1	Vancouver	Vancouver Waterfront Trail-TCSP (CN)	\$750	\$750	\$0	\$1,500
	Discretionary Totals			\$750	\$750	\$0	\$1,500
HSIP	1	Vancouver	Mill Plain Blvd.-104 to NE Chkalov Dr. (RW)	\$500		\$0	\$500
			Signal, access, and realignment (CN)	\$1,280		\$0	\$1,280
	HSIP Totals			\$1,780	\$0	\$0	\$1,780
STP-State	1	WSDOT	SR-501/Gee Creek Br. to S 56th Pl-Paving (CN)	\$1,047		\$21	\$1,068
	1	WSDOT	SR-503/4th Plain to 119th St.-Median Curb (PE)	\$24		\$1	\$25
	1	WSDOT	SR-503/SR-500 Orchards to BG-Grind/Inlay (CN)	\$5,532		\$113	\$5,645
	STP-State Program Totals			\$6,603	\$0	\$135	\$6,738
NHPP	1	WSDOT	SR-14 Traveler Information, 164th-NW 6th (CN)	\$466		\$0	\$466
	NHPP Program Totals			\$466	\$0	\$0	\$466

2015 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
STP-BR	1	Clark County	Big Tree Creek Bridge #120 (CN)	\$438		\$50	\$488
	1	Clark County	Brush Prairie Bridge (CN)	\$370		\$38	\$407
	1	Clark County	Fifth Plain Creek Bridge (CN)	\$1,530		\$383	\$1,913
	1	Clark County	Van Atta Bridge (CN)	\$134			\$134
	BR Program Totals				\$2,472	\$0	\$471
SRTS	1	Washougal	Jemtegaard Trail Improvements (CN)	\$416		\$0	\$416
	SRTS Program Totals				\$416	\$0	\$0
State/Local	1	Clark County	Big Tree Creek Bridge #120 (RW)			\$5	\$5
	1	Clark County	Carty Road Reconstruction (RW)			\$85	\$85
	1	Vancouver	Vancouver Waterfront Trail (RW)			\$3,000	\$3,000
	State/Local Program Totals				\$0	\$0	\$3,085

(PE) Preliminary Engineering, (RW) Right of Way, (CN) Construction

2016 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds	
Section 5307	1	C-TRAN	Preventative Maintenance	\$4,600		\$1,150	\$5,750	
	2	C-TRAN	Associated Transportation Improvements	\$46		\$12	\$58	
	Section 5307 Program Totals			\$4,646	\$0	\$1,162	\$5,808	
Section 5310	1	C-TRAN	ADA Expansion	\$285		\$71	\$356	
	Section 5310 Program Totals			\$285	\$0	\$71	\$356	
Section 5337	1	C-TRAN	Bus Replacement	\$80		\$20	\$100	
	Section 5337 Program Totals			\$80	\$0	\$20	\$100	
Section 5339	1	C-TRAN	Bus Replacement	\$565		\$141	\$706	
	Section 5339 Program Totals			\$565	\$0	\$141	\$706	
CMAQ	1	Vancouver	Fourth Plain Subarea Sidewalk Infill Project (RW)	\$400		\$63	\$463	
	2	Vancouver	Main St.-Columbia St. Traffic Signal Int. (CN)	\$855		\$133	\$988	
	3	WSDOT	SR 503 ATIS Infill, 4th Plain to Main St. (PE)	\$87		\$14	\$100	
	CMAQ Program Totals			\$1,342	\$0	\$210	\$1,551	
STP-Region STP-Urban	1	Vancouver	Mill Plain Blvd.-104th to NE Chkalov Dr. (CN) <i>Signal, access, and realignment</i>	\$2,000		\$320	\$2,320	
	2	Camas	NW Brady Road, 16th Av. to 25th Av. (PE) <i>Widen to 3 lanes, sidewalk, and bike lanes</i>	\$339		\$261	\$600	
	3	Battle Ground	SR 502/SR 503 Right Turn Lanes (PE) <i>Add dedicated right turn lanes</i>	\$144		\$23	\$166	
	4	RTC	UPWP & CMP Support (PE)	\$250		\$39	\$289	
	STP-Rural	1	Clark County	Carty Road Reconstruction (CN)	\$1,270		\$496	\$1,766
		1	La Center	4th St. and Pacific Highway Roundabout (CN)	\$692		\$695	\$1,387
		STP (Regional) Program Totals			\$4,695	\$0	\$1,834	\$6,529
TAP	1	Clark County	Salmon Creek Avenue, WSU-PV Park - Path (CN)	\$502		\$223	\$725	
	Transportation Alternatives Program Totals			\$502	\$0	\$223	\$725	

2016 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
Discretionary	1	C-TRAN	Fourth Plain Bus Rapid Transit-New Starts (RW)	\$510	\$50	\$78	\$638
			Bus Rapid Transit primarily in mixed traffic (CN)	\$37,832	\$2,650	\$6,808	\$47,290
Discretionary Totals				\$38,342	\$2,700	\$6,886	\$47,928
HSIP	HSIP Totals			\$0	\$0	\$0	\$0
STP-State	STP-State Program Totals			\$0	\$0	\$0	\$0
NHPP	NHS Program Totals			\$0	\$0	\$0	\$0
STP-BR	BR Program Totals			\$0	\$0	\$0	\$0
SRTS	SRTS Program Totals			\$0	\$0	\$0	\$0
State/Local	State/Local Program Totals			\$0	\$0	\$0	\$0

(PE) Preliminary Engineering, (RW) Right of Way, (CN) Construction

2017 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
Section 5307	1	C-TRAN	Preventative Maintenance	\$4,600		\$1,150	\$5,750
	2	C-TRAN	Associated Transportation Improvements	\$46		\$12	\$58
	Section 5307 Program Totals			\$4,646	\$0	\$1,162	\$5,808
Section 5310	1	C-TRAN	ADA Expansion	\$285		\$71	\$356
	Section 5310 Program Totals			\$285	\$0	\$71	\$356
Section 5337	1	C-TRAN	Bus Replacement	\$80		\$20	\$100
	Section 5337 Program Totals			\$80	\$0	\$20	\$100
Section 5339	1	C-TRAN	Bus Replacement	\$565		\$141	\$706
	Section 5339 Program Totals			\$565	\$0	\$141	\$706
CMAQ	1	Clark County	Orchards Traffic Signal Optimization (CN)	\$3,000		\$1,255	\$4,255
	2	Vancouver	Fourth Plain Subarea Sidewalk Infill Project (CN)	\$380		\$59	\$439
	3	WSDOT	SR 503 ATIS Infill, 4th Plain to Main St. (CN)	\$865		\$135	\$1,000
	4	WSDOT	Vancouver Urban ITS Device Infill (PE)	\$66		\$14	\$80
	4	WSDOT	SR-503, Fourth Plain to Main ITS Device Infill (PE)	\$33		\$7	\$40
	4	Clark County	Signal Timing, Evaluation, Verification, Enhan. (PE)	\$160		\$40	\$200
	4	Washougal	32nd Street Active Traveler Information Sign (PE)	\$40		\$7	\$47
	4	C-TRAN	Open Trip Planner and Alerts System (All)	\$128		\$32	\$160
	CMAQ Program Totals			\$4,671	\$0	\$1,550	\$6,221
STP-Region STP-Urban	1	Vancouver	NE 18th Street, Four Seasons to 136th Av. (CN) <i>Widen to 5-lanes, with sidewalk, path, bike lanes</i>	\$2,000		\$7,000	\$9,000
	2	Clark County	NE 94th Avenue, Padden Parkway to 99th St. (CN) <i>Intersection and street widening</i>	\$1,800	\$1,412	\$2,067	\$5,279
	3	Clark County	NE 119th Street, 50th Av. to 72nd Av. (PE) <i>Widen to 3 lanes, sidewalk, and bike lanes</i>	\$675		\$145	\$820
	4	Battle Ground	SR 502/SR 503 Right Turn Lanes (RW) <i>Add dedicated right turn lanes</i>	\$108		\$17	\$125
	5	RTC	VAST/TSMO Coordination and Mgt. (PE)	\$150		\$23	\$173
	5	RTC	UPWP & CMP Support (PE)	\$250		\$39	\$289
	STP (Regional) Program Totals			\$4,983	\$1,412	\$9,291	\$15,686

2017 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
TAP	Transportation Alternatives Program Totals			\$0	\$0	\$0	\$0
Discretionary	Discretionary Totals			\$0	\$0	\$0	\$0
HSIP	HSIP Totals			\$0	\$0	\$0	\$0
STP-State	STP-State Program Totals			\$0	\$0	\$0	\$0
NHPP	NHPP Program Totals			\$0	\$0	\$0	\$0
STP-BR	BR Program Totals			\$0	\$0	\$0	\$0
SRTS	1	Washougal	Jemtegaard Trail Improvements (PE)	\$35		\$0	\$35
	SRTS Program Totals			\$35	\$0	\$0	\$35
State/Local	1	Port of Van.	Port Connector Bike/Ped Path (CN)			\$760	\$760
	1	Camas	NW Brady Road, 16th Av. to 25th Av. (RW)			\$800	\$800
	1	Clark County	NE 119th Street, 50th Av. to 72nd Av. (RW)			\$1,370	\$1,370
	State/Local Totals			\$0	\$0	\$1,370	\$1,370

(PE) Preliminary Engineering, (RW) Right of Way, (CN) Construction

2018 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
Section 5307	1	C-TRAN	Preventative Maintenance	\$4,600		\$1,150	\$5,750
	2	C-TRAN	Associated Transportation Improvements	\$46		\$12	\$58
	Section 5307 Program Totals			\$4,646	\$0	\$1,162	\$5,808
Section 5310	1	C-TRAN	ADA Expansion	\$285		\$71	\$356
	Section 5310 Program Totals			\$285	\$0	\$71	\$356
Section 5337	1	C-TRAN	Bus Replacement	\$80		\$20	\$100
	Section 5337 Program Totals			\$80	\$0	\$20	\$100
Section 5339	1	C-TRAN	Bus Replacement	\$565		\$141	\$706
	Section 5339 Program Totals			\$565	\$0	\$141	\$706
CMAQ	1	WSDOT	Vancouver Urban ITS Device Infill (CN)	\$652		\$143	\$795
	1	WSDOT	SR-503, Fourth Plain to Main ITS Device Infill (CN)	\$275		\$60	\$335
	1	Clark County	Signal Timing, Evaluation, Verification, Enhan. (CN)	\$760		\$190	\$950
	2	C-TRAN	Bus Replacement (All)	\$720		\$180	\$900
	CMAQ Program Totals			\$2,407	\$0	\$573	\$2,980
STP-Region STP-Urban	1	Vancouver	NE 18th Street, Four Seasons to 136th Av. (CN) <i>Widen to 5-lanes, with sidewalk, path, bike lanes</i>	\$2,000			\$2,000
	2	Clark County	NE 94th Avenue, Padden Parkway to 99th St. (CN) <i>Intersection and street widening</i>	\$1,600			\$1,600
	3	Clark County	NE 119th Street, 50th Av. to 72nd Av. (CN) <i>Widen to 3 lanes, sidewalk, and bike lanes</i>	\$500		\$6,000	\$6,500
	4	RTC	VAST/TSMO Coordination and Mgt. (PE)	\$205		\$32	\$237
	4	RTC	UPWP & CMP Support (PE)	\$300		\$47	\$347
	STP (Regional) Program Totals			\$4,605	\$0	\$6,079	\$10,684

2018 Summary

9/19/2014

(Year of Expenditure Cost in Thousands of Dollars)

Funding Type	Priority	Agency	Project Description	Federal Funds	State Funds	Local Funds	Total Funds
TAP			Transportation Alternatives Program Totals	\$0	\$0	\$0	\$0
Discretionary			Discretionary Totals	\$0	\$0	\$0	\$0
HSIP			HSIP Totals	\$0	\$0	\$0	\$0
STP-State			STP-State Program Totals	\$0	\$0	\$0	\$0
NHPP			NHPP Program Totals	\$0	\$0	\$0	\$0
STP-BR			BR Program Totals	\$0	\$0	\$0	\$0
SRTS			SRTS Program Totals	\$0	\$0	\$0	\$0
State/Local			State/Local Program Totals	\$0	\$0	\$0	\$0

(PE) Preliminary Engineering, (RW) Right of Way, (CN) Construction