



## STAFF REPORT/RESOLUTION

**TO:** Southwest Washington Regional Transportation Council Board of Directors  
**FROM:** Matt Ransom, Executive Director  
**DATE:** December 31, 2019   
**SUBJECT:** **2020-2023 TIP Amendment: Shared Central Signal System Study, Resolution 01-20-02**

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### AT A GLANCE - ACTION

*The action requested is to amend the 2020-2023 Transportation Improvement Program (TIP) to program \$50,000 in federal Surface Transportation Block Grant (STBG) funding for the Shared Central Signal System Study. This study will analyze existing signal systems to develop guidelines for implementing a Clark County traffic signal central management system and strategy for future operations and maintenance.*

### INTRODUCTION

All regionally significant projects must be listed in the regional Transportation Improvement Program (TIP), which in turn becomes a part of the State Transportation Improvement Program (STIP).

The Regional Transportation Advisory Committee (RTAC) reviewed this proposed TIP and UPWP amendment at their December 20, 2019, meeting and recommended RTC Board adoption.

### PROPOSED TIP AMENDMENT

The region has set-aside \$100,000 a year in federal STBG funds for strategic Regional Partnership planning. This was conceived as a multi-agency initiative to provide regional funding to carry out regional transportation planning studies. The Vancouver Area Smart Trek (VAST) committee is recommending that the region move forward with a study for a shared central signal system study.

RTC's policies require that any change in regional federal funds must be approved by both RTAC and the RTC Board. The following project is proposed to be added into the STIP using regional funds set-aside for regional partnership planning:

**Shared Central Signal System Study:** WSDOT is requesting to amend the 2020-2023 Transportation Improvement Program (TIP) to add the Shared Central Signal System Study. The Study will analyze existing signal systems to develop guidelines for implementing a Clark County traffic signal central management system. The Study will also outline an implementation strategy for future operations and maintenance of such a system. This amendment would program \$50,000 in federal STBG funds, with \$50,000 in local match for the Study that will be managed by WSDOT.

RTC had programmed \$150,000 in federal STBG funds for an update to the High Capacity Transit System (HCT) Study. C-TRAN is currently not ready to proceed in 2020. WSDOT is ready to proceed with the Shared Central Signal System Study in 2020, which will help the region to meet obligation targets. RTAC is recommending that \$50,000 in regional STBG funds be moved from the HCT Study to the Shared Central Signal System Study. If needed, \$50,000 can be added back into the HCT Study in future years.

The attached STIP project records report provides additional information on the projects.

**POLICY IMPLICATION**

This amendment is consistent with federal requirements and is financially constrained. This Study is intended to identify how the region could advance a region-wide shared central signal system.

**BUDGET IMPLICATION**

Action on this resolution is revenue neutral and will shift \$50,000 in regionally allocated federal STBG funds from the HCT Study to the Shared Central Signal System Study.

**ACTION REQUESTED**

Adoption of Resolution 01-20-02 “2020-2023 TIP Amendment: Shared Central Signal System Study.”

ADOPTED this 7<sup>th</sup> day of January 2020, by the Southwest Washington Regional Transportation Council.

SOUTHWEST WASHINGTON  
REGIONAL TRANSPORTATION COUNCIL

ATTEST:

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Scott Hughes  
Chair of the Board

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Matt Ransom  
Executive Director

Attachments

Washington State S. T. I. P.

2020 to 2023

(Project Funds to Nearest Dollar)

MPO/RTPO: RTC

Y Inside

N Outside

December 13, 2019

County: Clark

Agency: RTC

Func Cls	Project Number	PIN	STIP ID	Imp Type	Total Project Length	Environmental Type	RW Required	Begin Termini	End Termini	Total Est. Cost of Project	STIP Amend. No.
00			WA-12450	18	0.000	CE	No	County Wide	County Wide	115,607	20-01

High Capacity Transit System Study Update

Update the Clark County High Capacity Transit System Study.

**Funding**

Phase	Start Date	Federal	Fund Code	Federal Funds		State Fund Code	State Funds	Local Funds	Total
PL	2021		STP(UL)	100,000			0	15,607	115,607
<b>Project Totals</b>				<b>100,000</b>			<b>0</b>	<b>15,607</b>	<b>115,607</b>

**Expenditure Schedule**

Phase	1st	2nd	3rd	4th	5th & 6th
PL	0	115,607	0	0	0
<b>Totals</b>	<b>0</b>	<b>115,607</b>	<b>0</b>	<b>0</b>	<b>0</b>

Federal Funds				State Funds	Local Funds	Total
Agency Totals for RTC						
100,000				0	15,607	115,607

Washington State S. T. I. P.

2020 to 2023

(Project Funds to Nearest Dollar)

MPO/RTPO: RTC

Y Inside

N Outside

December 13, 2019

County:

Agency: WSDOT - SW

Func Cls	Project Number	PIN	STIP ID	Imp Type	Total Project Length	Environmental Type	RW Required	Begin Termini	End Termini	Total Est. Cost of Project	STIP Amend. No.
03		400021Q	400021Q06	18	0.000	CE	No	County Wide	County Wide	100,000	20-01

Shared Central Signal System Study

Analyze existing signal systems to develop guidelines for implementing a Clark County traffic signal central management system.

**Funding**

Phase	Start Date	Federal	Fund Code	Federal Funds		State Funds	Local Funds	Total
				Federal Funds	State Fund Code			
PL	2021		STP(UL)	50,000		0	50,000	100,000
<b>Project Totals</b>				<b>50,000</b>		<b>0</b>	<b>50,000</b>	<b>100,000</b>

**Expenditure Schedule**

Phase	1st	2nd	3rd	4th	5th & 6th
PL	0	64,057	35,943	0	0
<b>Totals</b>	<b>0</b>	<b>64,057</b>	<b>35,943</b>	<b>0</b>	<b>0</b>

Agency Totals for WSDOT - SW	Federal Funds		State Funds	Local Funds	Total
	Federal Funds	State Funds			
Agency Totals for WSDOT - SW	50,000	0	0	50,000	100,000