

**2021-2024 Transportation Improvement Program**

March Amendment (21-03)

Agency	Project Title Amendment Description	Funding Adjustment	Amendment	
			New Project	Existing Project
Spokane County	<b>Bigelow Gulch/Forker Connector - Project 2</b> Project limits updated - Begin Termini (Urban Boundary – MP 0.50). End Termini (East of Espe Rd - MP 2.03). Total project length - 1.53 miles	No Funding Change		✓
Spokane County	<b>Bigelow Gulch/Forker Connector - Project 3</b> Project limits updated - Begin Termini (East of Espe Rd -MP 2.03). End Termini (East of Jensen Rd - MP 3.15). Total project length - 1.12 miles	No Funding Change		✓

## APPENDIX D PERFORMANCE MEASURES AND TARGETS

### PERFORMANCE MEASURE 1: SAFETY TARGETS

Measure (5-year Averages)	2018 Baseline Statewide 5-year rolling avg.	Statewide Targets for 2020*
Number of Fatalities	<b>531.8</b>	<b>443.2</b>
Rate of Fatalities	<b>0.879</b>	<b>0.732</b>
Number of Serious Injuries	<b>2154.6</b>	<b>1795.5</b>
Rate of Serious Injuries	<b>3.562</b>	<b>2.968</b>
Number of Fatalities & Serious Injuries for Non-Motorized transportation	<b>559.8</b>	<b>466.5</b>

\*The SRTC Board supported using statewide safety targets on May 9, 2019 (2022 targets are currently under development)

### PERFORMANCE MEASURE 2: BRIDGE AND PAVEMENT TARGETS

Bridge Condition-Statewide	Baseline Data	2-year Target (2020)	4-year Target (2022)
Percent of NHS Bridges in good condition (weighted by deck area)	<b>32.8%</b>	<b>30%</b>	<b>30%</b>
Percent of NHS Bridges in poor condition (weighted by deck area)	<b>7.8%</b>	<b>10%</b>	<b>10%</b>

\*Supported by the SRTC Board on November 8, 2018

Pavement Condition-Statewide	Baseline Data	2-year Target (2020)	4-year Target (2022)
Percent of Interstate pavement on the NHS in good condition	<b>32.5%</b>	<b>N/A</b>	<b>30%</b>
Percent of Interstate pavement on the NHS in poor condition	<b>3.6%</b>	<b>N/A</b>	<b>4%</b>
Percent of Non-Interstate pavement on the NHS in good condition	<b>18%</b>	<b>45%</b>	<b>18%</b>
Percent of Non-Interstate pavement on the NHS in poor condition	<b>5%</b>	<b>21%</b>	<b>5%</b>

\*Supported by the SRTC Board on November 8, 2018

### PERFORMANCE MEASURE 3: SYSTEM PERFORMANCE, FREIGHT AND CMAQ TARGETS

Highway System Performance (congestion)	Baseline Data	2-year Target (2020)	4-year Target (2022)
Percent of person-miles traveled on the Interstate System that are reliable	<b>73%</b>	<b>70%</b>	<b>68%</b>
Percent of person-miles traveled on the Non-Interstate System that are reliable	<b>77%</b>	<b>N/A</b>	<b>61%</b>
Truck Travel Time Reliability (TTTR) index	<b>1.63</b>	<b>1.70</b>	<b>1.75</b>
Carbon Monoxide (CO kg/day)	<b>313.160</b>	<b>309.000</b>	<b>309.060</b>
Particulate Matter less than 10 microns PM10 (kg/day)	<b>435.690</b>	<b>0.305</b>	<b>224.000</b>

*\*Supported by the SRTC Board on November 8, 2018*

### OTHER PERFORMANCE MEASURES: PUBLIC TRANSIT TARGETS ASSET MANAGEMENT

Asset Category	Asset Class	Baseline Performance	STA Target & Proposed Regional Target
Rolling Stock	Buses	<b>98%</b>	Maintain the bus fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards
	Paratransit Vans	<b>99%</b>	Maintain the paratransit van fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards
	Rideshare Vans	<b>99%</b>	Maintain the rideshare van fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards
	Special Use Vans	<b>100%</b>	Maintain the special use van fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards
Equipment	Support of Non-Revenue Vehicles	<b>94%</b>	Maintain the support or non-revenue fleet that 90% or greater of the vehicles meet STA's State of Good Repair Standards
Facilities	Administration, Maintenance, passenger and parking facilities	<b>100%</b>	Maintain all facilities equal to or greater than 90% have a TERM condition rating of 3(adequate) or better

*\*Supported by the SRTC Board on June 14, 2018*

## OTHER PERFORMANCE MEASURES: STA PUBLIC TRANSPORTATION SAFETY TARGETS

Safety Goals, Objectives, and Performance Targets

### GOAL 1: SMS TO REDUCE CASUALTIES/OCCURRENCES

Using a safety management systems framework to identify safety hazards, mitigate risk and reduce casualties and occurrences resulting from transit operations to meet or exceed the acceptable level of safety performance.

#### FIXED ROUTE FATALITIES

Objective	Metrics (KPIs)	Baseline	Target
Reduce the number of fatalities	Number of fatalities per year	1	0

#### PARATRANSIT FATALITIES

Objective	Metrics (KPIs)	Baseline	Target
Reduce the number of fatalities	Number of fatalities per year	0	0

#### FIXED ROUTE PREVENTABLE VEHICLE ACCIDENT FREQUENCY RATE

Objective	Metrics (KPIs)	Baseline	Target
Reduce the frequency of preventable vehicle collisions	Number of preventable events per 10,000 miles	0.6	0.08 or less

#### PARATRANSIT PREVENTABLE VEHICLE ACCIDENT FREQUENCY RATE

Objective	Metrics (KPIs)	Baseline	Target
Reduce the frequency of preventable vehicle collisions	Number of preventable events per 10,000 miles	0.13	0.1 or less

#### FIXED ROUTE PREVENTABLE PASSENGER INJURY ACCIDENTS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the frequency of preventable passenger injuries	Number of preventable passenger injuries per year	4	0

#### PARATRANSIT PREVENTABLE PASSENGER INJURY ACCIDENTS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the frequency of preventable passenger injuries	Number of preventable passenger injuries per year	4	0

#### FIXED ROUTE SAFETY EVENTS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the number of events per year	Total number of events per year	316	310

#### PARATRANSIT SAFETY EVENTS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the number of safety events per year	Number of safety events per year	54	50

### EMPLOYEE INJURY ACCIDENTS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the frequency of employee injuries	Number of employee injuries per 1000 hours	.05	.07

### EMPLOYEE INJURY SEVERITY

Objective	Metrics (KPIs)	Baseline	Target
Reduce employee time loss due to injury or illness	Number of days lost per 1,000 hours	.03	.04

### FACILITY SAFETY INSPECTIONS

Objective	Metrics (KPIs)	Baseline	Target
Increase the assessment of facilities, equipment, and procedures to identify and mitigate any potential safety risks	Number of facility safety audits and inspections completed quarterly per year	1 per quarter	Meet the baseline

## GOAL 2: SMS TO FOSTER A ROBUST SAFETY CULTURE

Foster Agency-wide support for transit safety by establishing a culture where managers are held accountable for safety and everyone in the organization takes an active role in securing transit safety. Cultivate a safety culture in which employees are comfortable and encouraged to bring safety concerns to the attention of agency leadership.

### SAFETY TRAINING

Objective	Metrics (KPIs)	Baseline	Target
Increase attendance at monthly safety meetings	Percent of employees who participate in the monthly safety meetings	Establishing in 2020	Safety Committee Target = 100%
Annual Advanced Training completed by all Fixed Route, Paratransit, and Maintenance	Percentage of employees who complete Advanced training	100%	100%

## GOAL 3: SYSTEMS/EQUIPMENT

Provide safe and reliable transit operations by ensuring that all vehicles, equipment, and facilities are inspected, maintained, and serviced as needed.

### FIXED ROUTE ROAD CALLS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the number of Fixed Route Road Calls	Number of miles between road calls	6,722 miles	7,500 miles

### PARATRANSIT ROAD CALLS

Objective	Metrics (KPIs)	Baseline	Target
Reduce the number of Paratransit Road Calls	Number of miles between road calls	67,537 miles	75,000 miles

**FACILITIES PREVENTIVE (SAFETY) INSPECTIONS & REPAIRS**

<b>Objective</b>	<b>Metrics (KPIs)</b>	<b>Baseline</b>	<b>Target</b>
Prioritize preventative safety-related maintenance or inspections	Safety-related PMs completed on schedule	90% of all PM services completed on time	80% of all PM services completed on time

## EXCERPT FROM 2021-2024 TIP BELOW

The advisory committee final report is due to the Legislature by December 1, 2020.

Over the coming years WSDOT and its partners will further align planning and programming areas with performance. All are committed to developing practical approaches to work towards our regional and statewide performance targets.

### *Federal Transit Administration Performance Targets*

Under Title 49 CFR Part 625 and 630 under Transit Asset Management (TAM) requirements, public transit providers must set State of Good Repair performance targets for their assets.

### *Public Transit Targets*

#### Asset Management Targets

Since Spokane Transit Authority (STA) is the only Tier 1 public transportation provider currently required to report TAM targets, SRTC adopted these targets on June 14, 2018 (See Appendix D). Per federal requirements, anytime a public transit provider adopts new TAM targets, SRTC has 180 days to review and adopt TAM performance targets and bring them into the regional performance management efforts.

#### Public Transit Safety Targets

On December 17, 2020 STA adopted safety targets through their public transportation agency safety Plan as required by 49 U.S.C. 5329(d). As required by 23 CFR 306 4(iii), SRTC is integrating STA's safety performance targets into our planning processes as reported in Appendix C of this document.

## 2020-2023 TIP Accomplishments

### *Status of Major Projects*

Pursuant to federal regulations, the status of major projects from the preceding TIP is provided below (§450.324(L)(2)). Given that the project status information is collected mid-year, it is possible that the status of these projects may change by the end of the program year (December 2020).

Agency	Project Name	STIP ID
Cheney	Cheney High and Betz Elementary Pedestrian & Bicycle Route Safety Project	WA-12493
Cheney	Washington Street Preservation Project	WA-09444
Fairfield	1 <sup>st</sup> Street Sidewalk Improvement Project	WA-11317
WSDOT	Asphalt/Chip Seal Preservation Spokane Regional Transportation Council	BSRTC P1
WSDOT	Eastern Region Shoulder Rumble Strip Installation 2019-2021	600026A32
WSDOT	I-90/Barker Rd Intersection Improvements	609049M32
WSDOT	I-90/Barker to Harvard – Add Lane Harvard Rd Bridge	609049S23
WSDOT	I-90/Barker to Harvard – Improve Interchanges & Local Roads	609049L32
WSDOT	I-90/Barker to Harvard – WB on-Ramp Improvement	609049R23
WSDOT	I-90/US 2 Garden Springs to Broadway Ave – Variable Speed System	609047H32
WSDOT	SR 290/Spokane River E Trent Br – Replace Bridge	629001D32
WSDOT	US 2 & US 395 Safety Improvements – Shoulder Repair	600045J32