Spokane Regional Transportation Council December Board Meeting

www.srtc.org

SRTC STAFF VOLUNTEERING: 2ND HARVEST

KRAKEN

SERVING PEOPLE IN OUNGER

STA RETIREMENT PARTY



Thank you, Susan.



Thank you and

HAPPY HOLIDAYS

Smart Mobility Plan

Board of Directors – Item 4, Pg 9



KITTELSON & ASSOCIATES

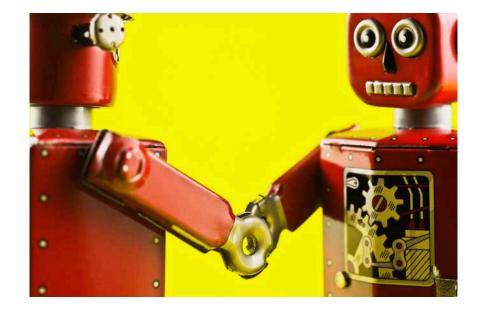


Requested Action:

Approve Resolution R-24-26, adopting the Smart Mobility Plan.

Review: Smart Mobility Goal

Integrate technology into the multimodal transportation network for more safe, efficient, resilient, and equitable movement of people and goods.



SETTING THE STAGE FOR THE MTP UPDATE

Smart Mobility Key Tasks

- ✓ State of the System
- ✓ Best Practices
- \checkmark Needs and Readiness
- ✓ EV Charging Infrastructure
- ✓ Future Technology Focus Areas & Recommendations



Keeping the SRTC Mission, Vision, and Objectives in Mind Always | Data-Informed

Stakeholder Engagement

- Stakeholder Advisory Group 5 meetings
 - Participants included local jurisdictions, WSDOT, STA, SRTMC, U-District, Spokane Co Emergency Management, DSP, S3R3, Avista, Urbanova, TAC member, Tech rep
- Multiple check-ins with TTC, TAC, and Board

Keeping the SRTC Mission, Vision, and Objectives in Mind Always | Data-Informed

Review: Smart Mobility Objectives



Advance regional transportation goals by anticipating, learning from, adapting to, and utilizing new and proven technologies.

Recommended Strategies: Near-Term (1-5 years)

- Expand Broadband and Fiber Optic Network to Support ITS
 - ITS Architecture Plan
- Implement Advanced Traffic Signal Systems
- Prioritize "smart" corridors to focus ITS investments, maintenance, and agency coordination



Potential Smart Corridors

- University District
- North Bank Sports/Downtown
- I-90, from US 2 to Sprague Avenue
- NSC (when complete)
- US 2 from Fairchild to Sunset Highway
- Sunset Highway

Recommended Strategies: Near-Term (1-5 years)

- Asset Management: Maintain infrastructure in a state of good repair
- Follow **MUTCD Part 5** AV striping, signage, and signals guidance (autonomous vehicles)
- Prepare for EV charging needs fleets, public, charging hubs
- Decision-Making: Collect baseline data and monitor technology impacts

Recommended Strategies: Mid-to-Long Term (6-10 years)

- Conduct a curbside charging pilot to study EV charging infrastructure on curbside management and parking demand
- Conduct an **AV pilot** prior to implementing a full deployment

Committee Recommendation

- TTC and TAC recommend approval
- TAC concern about implementation of micromobility

-Parking, sidewalk obstruction, user conflicts

What's next?

- Consider Smart Mobility recommendations in the regional Needs Assessment
 - \circ Will inform Horizon 2050
- SRTC's Unified Planning Work Program



Requested Action:

Approve Resolution R-24-26, adopting the Smart Mobility Plan.

Thank you

Jason Lien jlien@srtc.org 509.343.6370

Resiliency Plan

Board of Directors – Item 5, Pg 11







Requested Action:

Approve Resolution R-24-27, adopting the Resiliency Plan.



Transportation Resiliency Goal

- Continually improve the ability to anticipate, prepare for, adapt to, withstand, and recover from disruptions and changing conditions.
 - Allow the system to maintain essential services
 - Quickly recover to normal operations after an event

SETTING THE STAGE FOR THE MTP UPDATE

Resiliency Key Tasks

- ✓ Summarize existing plans
- ✓ Best Practices
- ✓ Prioritize vulnerable corridors
- ✓ Identify strategies

Keeping the SRTC Mission, Vision, and Objectives in Mind Always | Data-Informed

Stakeholder Engagement

- Stakeholder Advisory Group 5 meetings
 - Participants included local jurisdictions, WSDOT, STA, SRTMC, U-District, Spokane Co Emergency Management, DSP, S3R3, Avista, Urbanova, TAC member, Tech rep
- Multiple check-ins with TTC, TAC, and Board

Keeping the SRTC Mission, Vision, and Objectives in Mind Always | Data-Informed

Hazards

Natural Hazards*

- Drought
- Earthquake
- Flood and dam failure
- Landslide, rockfall, debris flow
- Severe weather (damaging winds, winter storms, dust storms, thunderstorms)
- Volcanic eruptions
- Wildfire

Human-Made Hazards*

- Infrastructure Failure
- Hazardous Materials Release
- Cyber Incident
- Civil Disturbance and Terrorism
- Public Health Events (Pandemic)
- Financial Instability
- Mass Migration
- Power Outage, Geomagnetic Storm

Approach: Methodology and Outcomes

Step 1

Identify Natural Hazards & Vulnerability

Step 2

Predict how hazards impact the transportation system & specific assets with several "what if" Scenarios

Step 3

Analyze Scenarios to inform the criticality of specific assets and priority resilience investments

Conclusions and Strategies

• Most hazards are widespread and unpredictable

Focus on:

- Asset management and resiliency improvements for:
 - North/south bridges over the Spokane River and the I-90 Latah Bridge
 - I-90 Viaduct
 - Hwy 290 and the Sherman Street bridge at I-90 connection
 - US 2 west overcrossing at US 2 and I-90
- Upgrading and expanding ITS
- Update design standards to address climate factors
- Optimize maintenance practices to lessen hazard impacts

0	Top 5 Critical Roadways Spokane County
	I-90
ion	US 2
	US 395
	US 195
	SR 27

Strategies/Actions

Planning/Policy Solutions

- Incorporate resilience into project prioritization criteria
- Support legislation for investment in transportation resiliency
- Conduct benefit-cost analyses of resiliency investments
- Incorporate land use strategies into local comprehensive plans

Committee Recommendation

• TTC and TAC recommend approval

What's next?

- Consider Resiliency recommendations in the regional Needs Assessment
 - Will inform Horizon 2050
- SRTC Unified Planning Work Program



Requested Action:

Approve Resolution R-24-27, adopting the Resiliency Plan.

Thank you

Jason Lien jlien@srtc.org 509.343.6370





CY 2025 Unified List (Federal Version)

SRTC Board of Directors Agenda Item 6 | Page 13

December 12, 2024

Requested Action

Approval of Resolution R-24-28, adopting the 2025 United List (Federal Version).

Reauthorization of the Federal Transportation Bill

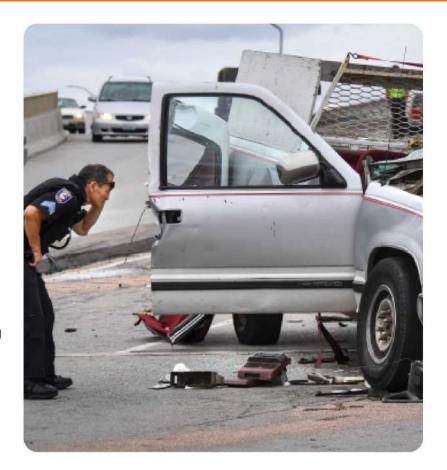
- Transportation bills are fundamental to MPO responsibilities
- Current IIJA Bill expires Sept 30, 2026
- Coordinating with AMPO, NARC and Western States MPOs



Continue funding critical programs that provide needed resources to improve transportation <u>safety</u>

Nearly 95 percent of people who die using our Nation's transportation networks are killed on our streets, roads, and highways. Roadway fatalities and the fatality rate declined consistently for 30 years, but progress has stalled over the past decade and went in the wrong direction in 2020 and 2021. There were 40,990 lives lost on U.S. roads in 2023—down slightly from 42,939 in 2021 which was the largest number of fatalities since 2005 (Source: USDOT). The Bipartisan Infrastructure Law (BIL) bolstered the Highway Safety Improvement Program (HSIP) with an infusion of additional funds and created a new grant program, Safe Streets for All (SS4A). These programs are <u>critical</u> in supporting a reduction in fatalities and serious injuries.

SRTC encourages our federal partners to continue funding these programs into the next transportation authorization. Some local agencies are just getting underway with developing SS4A planning "action" grants and will need time to plan and prepare implementation grants to fully release the benefit of the program.





Continue funding transportation system <u>maintenance and</u> preservation

Every day people, communities, and businesses throughout our Nation rely on the existing network of highways, roads and bridges. Our transportation system gets goods to market, people to work, students to school, and so much more. Recently FHWA estimated a <u>\$1 trillion backlog</u> in repairs and maintenance needed to improve the condition of more than 619,000 bridges and 4 million miles of public roads. SRTC is appreciative of the BIL in providing a level of funding that addresses the need to repair and replace aging infrastructure. However, there will continue to be a need for investment in maintenance and preservation beyond the life of the current BIL.

SRTC supports a long-term balanced approach to funding will allow states and local agencies to plan and program needed system preservation and maintain appropriate workforce levels to properly address and deliver roadway maintenance and preservation projects.

Modernize the <u>federal funding formula</u> to ensure funding equitably supports population centers

The BIL provided \$303.5 billion in contract authority from the Highway Trust Fund. Of this amount, 90 percent was apportioned to the states by formula. Another \$47.3 billion in funding from the General Fund was provided for the Highway Infrastructure Program. Roughly 72 percent of that was distributed to the states by formula. Unfortunately, the formula used to allocate highway funding relies on 2000 census data. Utilizing outdated data in any calculation undermines the program it's intended to serve. Furthermore, higher growth states, like Washington, are not receiving the share of funding needed to address the mobility demands of a growing population. Since 2000, the population in Washington increased just over 30 percent (from 5,910,912 in 2000 to 7,724,031 in 2020) while the US overall grew by just under 19 percent.

Expand Direct Recipient Status for Certain Federal Funding Programs

Currently MPOs rely on pass-through funding from state DOTs, which can lead to delays and reduce the flexibility needed to meet local transportation needs. Granting MPOs direct recipient status for specific federal funds would streamline the funding process, allowing for quicker and more efficient implementation of projects that directly benefit communities. This change would reduce administrative delays, enabling MPOs to align more closely with local needs and priorities while expediting project delivery.

SRTC supports direct recipient status for MPOs which would promote greater accountability and empower MPOs to have a more active role in shaping transportation investments that impact their regions.

Shift from Discretionary to Formula-based Funding for Certain Programs

Discretionary grants, while beneficial, can lead to unpredictable funding allocations that make long-term planning challenging for MPOs and other local agencies. Discretionary grant programs circumvent the local collaborative planning process and shift the decision-making to federal agencies. A shift toward formula-based funding for certain federal programs would allow for a more predictable and equitable distribution of resources.

SRTC supports a shift to formula-based funding to ensure a consistent and transparent mechanism, enabling regions to make informed infrastructure decisions and meet both immediate and future needs with greater confidence.

Additional Policy Statements











Ensure access to transportation in support of <u>affordable housing</u> <u>strategies</u>

- Ensure access to affordable, reliable, and equitable transportation options which are an integral component of affordable housing strategies.
- Provide additional resources to local jurisdictions to plan for and accommodate affordable housing.

Fund regionally critical projects on the <u>SRTC Unified List</u>

 Invest in projects collaboratively identified by the SRTC Board of Directors in the Unified List.

Encourage diversity in the development of <u>clean fuel</u> technologies

- Assess the need for and continue to develop electric charging infrastructure capacity.
- Support the emergence of alternative fuels in support of low or no emission transportation across the spectrum of vehicle types through pilot projects or other means.

Address funding gaps that are anticipated due to the loss of <u>gas tax</u> revenue

- Create a strategy to address the loss of gas tax revenue that includes increasing the public's awareness and understating of the issue.
- Support pilot projects that will assist in identifying transportation revenue strategies.

Enhance transportation investments that support <u>Fairchild Air Force Base</u> (FAFB) as the significant military installation in Spokane County

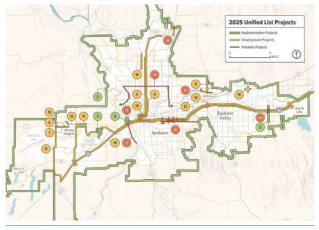
- Support transportation safety and mobility strategies that ensure air force personnel's ability to access FAFB and ensure adequate military response times.
- 2025 Unified List of Regional Transportation Priorities 37



2025 Unified List (Federal Version)

UNIFIED LIST OF REGIONAL TRANSPORTATION PRIORITIES

The SRTC Unified List of Regional Transportation Priorities outlines critical investments to improve the performance of the regional transportation system. The Unified List includes a variety of project types supported collectively by members of SRTC with consideration for equity, economic vitality, and safety among other screening criteria that indicate beneficial outcomes to both the state and the region.



Project Status Categories

Implementation	Development	Initiation
 Design 2 60% complete, significant progress has been made towards right-of-way, and environmental approvals are underway. 	 Design ≥ 30% complete, right-of-way needs identified, environmental initiated and/ or substantial percentage of funding has been secured. 	 Design is < 30% complete. Project is in the early stage of development and has, at a minimum, been identified in a planning study.
 Project is identified in a local, regional, and/or state plan. 	 Project is identified in a local, regional, and/or state plan. 	



Implementation Projects

MAP #	PROJECT	LEAD AGENCY	PROJECT DESCRIPTION	-COST	FUNDING REQUEST
1	From Interstates to Airways: Spotted Rd & Airport Dr Safety & Multimodal Improvements	504	Construct a grade-separated interchange at Spotled Rd new Airport Dr and relocating Spotled Rd outside of the Runnay Protection Zone for the Airport's primary instrument runnay.	\$37.2 Million	No Federal Request
2		STA	Purchase of battery-electric bases (BEB) and required infrastructure to reach the 40 vehicle capacity at the Board NW Bairge and the required infrastructure.		\$5.3 Million
3	South Barker Rd Corridor	Spokene Velley	Widen & reconditual: Barker Rd to a 5-lane urbain asterial (Mission to Appleway), a 3-lane urbain arterial (Appleway to city limits) and add roundatouts at Sprague. 4th, and 8th aves.	\$41 Million	\$3 Million
4	Fish Lake Trail Connection Phases 1–3	Spokene	Construct a shared-use path connecting the earthing Fish Lake Trail to Contennial Trail.	\$19.5 Million	\$14.6 Million

Development Projects

MAP J	PROJECT	LEAD AGENCY	PROJECT DESCRIPTION	-cost	FUNDING REQUEST	
5	Division St Active Transportation Access Improvements	ion St Active Transportation Spokere install parallel and connecting active transportation improvements along the Division Condoc to support side finished main beinged connections to SBIT statums.			\$25.8 Million	
6	US Hwy 2 Multimodal Improvements Phase I	odal Improvements Heights transit access, and roundabout traffic control.		\$20.1 Million	\$18.2 Million	
7	US Hwy 2 Multimodal Improvements Phase II	Armny Add pathways and sidewalk, improved pedestrian costrops, traffic cuirning, traffic cuirnig, traffic cuirning, traffic cuirning, traffic cuirning,		\$25.1 Million	\$22.2 Million	
8	Argenne Rd Safety Improvements			\$28.7 Million	\$28.4 Million	
9	Division Bus Rapid Transit (BRT)	kien Bus Rapid Transit (BRT) STA Enhances transit along contider withore brequent service, transit signal priorit il-loop boerding, and desicned duriness access and transit lines (BAT) for more than half the contide		\$202 Million	No Federal Request	
10	Wall St Safety & Capital Improvements			\$11 Million	\$10.4 Million	
11	12th Ave — Spokane Phase	Spokene	Extend existing loadway as a two-lane boulevard or three-lane orban collector tor a total of 3.65 miles, adding bicycle lanes, separated sidewalks, multi-use paths, and transit stops.	\$4.9 Million	\$4.9 Million	

Development Projects (Cartinued) MAP PROJECT LEAD PROJECT AGENCY DESCRIPTION "COST REQUEST 12 I-90/Valley STA. Revise to a HPT conidus, from West Plains/SM to Spokare Valley and Liberty \$39.3 Million \$5.3 Million High Performance Transit (HPT) Lake: Construct two new park & rides (Uppleway Station and Argonne Station) and modify Mirabeou Point Park & Ride. 13 6th/10th/12th Ave Multimodal Armay Various multimodal improvements on 6th Ave, from Craig Rd to Russel St. \$4.8 Million \$4.3 Million Improvements Phase III -Garfield Rd & 12th Ave 14 Argonne Bridge at I-90 Spokene Widen or replace existing Argonne Rd bridge over (+90), including the addition of \$28.2 Million \$3 Million Volley a third travel inte and shared use path. 15 Sullivan/Trent Interchange Spokane Reconstruct Scilivar Rd/SR 290 Interchange, Including brief ramps, to restore \$46.8 Million \$5 Million long-term capacity and satisfy projected traffic growth from 2022 Bigelow Viiley Guich-Ferker Road connection. WSDOT Various TSMO improvements from SR 904 to Idaho state line, such as variable \$24 Million \$20.8 Million 16 I-S0 TSMO Improvements message signs, ramp meters, variable speed limits, queue warning detection, and wrong way detection. Spokume Improve access from (340 to Gaig Bidlay modulying costing interchange, to provide \$56.9 Million \$59.4 Million County antiferity access and complete allek to Craig Rd, and recombiniding the comdu. 17 Craig Rd & 1-90 Four Lakes Connection 18 Craig Rd Complete Streets Action Reconstruct and wideo road, adding turn lanes at major intersections, transit \$11.2 Million \$90 Million improvements, subwalks (past side of road), and a KC multi-use path (west side of sharf) baffered by landscaped swales. Heights 19 Spokane Falls Blvd Spökane Construct full kkoth readway, repair skiewelk, fighting, communication conduit and \$81 Million \$7.4 Million onble, signal and utility updates, and accordible Pedestrian Signals (APS) updates as appropriate

Initiation Projects

WAP	PROJECT	LEAD AGENCY	PROJECT DESCRIPTION		FUNDING REQUEST	
20	LETA - Liberty to Edgecliff Improvements for Accessibility				\$26.1 Million	
21	Latah Bridge Rehabilitation	Spoksne	Reprince and index bridge deck, railing, skilewalks, and rehabilitate shocharal elements. Project improves gedestrian and transit facilities inhored-use path, blice lines, space for future light rul transit (re).	\$65.1 Million	\$65.1 Millio	
22	Centennial Trail / Argonne Gap Project	Spoksne County	Improve connectivity at the Argonne Rd crossing adjacent to Centermini Trail. \$8.5 M Including improved crossings to reduce bileped vs vehicular incidents and reduce stress at Argonne Rd/Uprive: Dr intersection.		\$8.2 Million	
23	US 195 Corridor Projects	Spokare Correct Lindeke St to Thorpe Rd and create a two-winy Inland Empire Why and Cherkey Spokare Rd connection. Suestocape Improvement Include addewids. Lipting, Indicape buffers, and this immes.			\$32.4 Million	
24	Barker Rd & 1-90 Interchange	Spokere Replace single-lane countabout and 2-lane-bridge with new 2-lane roundabout Writey and 4-lane bridge to accorrenoidate existing traffic and growth.		\$40 Million	\$4 Million	
25	Welleslay High Performance Transit (HPT)	STA	Revise Route 33 Wellesley to HPT Route 3. The project includes passenger and operational enhancements, plang with improved connectivity and accessibility to facilitate ease of transfer to other router.	\$9.3 Million	No Federal Request	
26	Market St Reconstruction	Spokene Courty	Reconstruct readway, adding a 10' shared use path and incorporating missing stomwater infrastructure.	\$10.9 Million	\$10.9 Million	



Requested Action

Approval of Resolution R-24-28, adopting the 2025 United List (Federal Version).



Title VI & ADA Updates

December 12, 2024 Board of Directors Meeting Agenda Item 7, Page 25

Title VI Plan

- Last plan update in 2021
- WA State feedback on our current plan
- FHWA Recommendations from TMA Certification Review

Title VI Plan for SPOKANE REGIONAL TRANSPORTATION COUNCIL



Lois Bollenback, Executive Director

Michael Redlinger, Title VI & ADA Coordinator

Spokane Regional Transportation Council 421 W Riverside Ave Suite 500, Spokane WA 99201 509-343-6370 | www.srtc.org

Complaint Procedures Update

- Separate ADA Complaint Procedure & Complaint Form
- Updated Title VI Complaint Procedure & Complaint Forms
- Translations provided for all Civil Rights complaint procedures and forms
 - Spanish
 - Russian
 - Vietnamese
- All to be located on "Civil Rights" page on new website
- Translated Title VI Complaint materials included with plan



Additional Title VI Updates

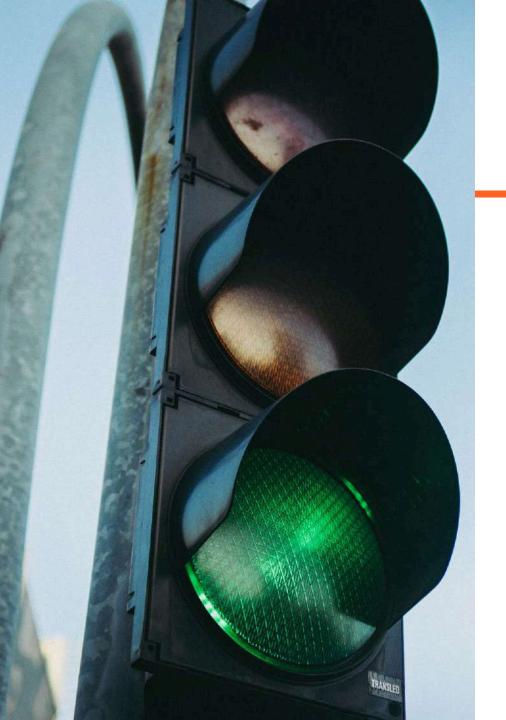
- New Additions:
 - Nondiscrimination
 - Environmental Justice

- General Updates
 - Language fixes
 - Updated demographic data, organization chart, et al



Next Steps

- **1.** Board Action December
- 2. Send Plan update to WSDOT Office of Equity and Civil Rights for review – Once Approved by Board



Requested Action

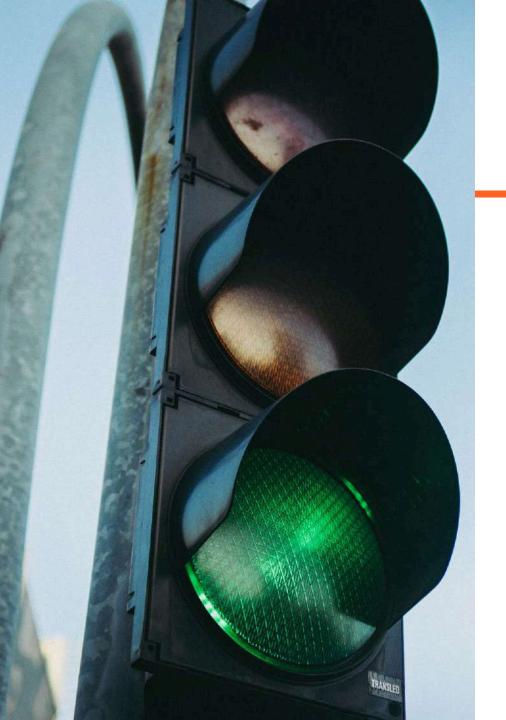
Approval of Resolution R-24-29, adopting SRTC's updated draft Title VI Plan and Americans with Disabilities Act (ADA) complaint materials.





Michael Redlinger Associate Transportation Planner 3 <u>mredlinger@srtc.org</u>

Spokane Regional Transportation Council 421 W Riverside Ave Suite 500 | Spokane WA 99201 (509) 343-6370 | <u>www.srtc.org</u>



Requested Action

Approval of Resolution R-24-29, adopting SRTC's updated draft Title VI Plan and Americans with Disabilities Act (ADA) complaint materials.



WSDOT Consolidated Grant Ranking Process

December 12, 2024 Board of Directors Agenda Item 8, Page 27

2025-2027 WSDOT Consolidated Grants

Support for human services public transportation

- Capital or Operating
- Consolidated application for state and federal funding sources
- Application deadline was 9/17/24



• TTC and TAC Volunteers score the applications

• Scores determine ABC rankings



- 1. Sustain Spokane Travel Training [Special Mobility Services] A
- 2. Spokane Mobility Management [Special Mobility Services] B



• Submit final rankings to WSDOT in January

Requested Action

Approval of Resolution R-24-30, adopting SRTC's final project rankings for the 2025-2027 WSDOT Consolidated Grant Program.

Contact

Michael Redlinger

MRedlinger@SRTC.org

509.343.6370



Requested Action

Approval of Resolution R-24-30, adopting SRTC's final project rankings for the 2025-2027 WSDOT Consolidated Grant Program.



CY 2025 Transportation Improvement Program (TIP) Guidebook

SRTC Board – Action Ryan Stewart, Principal Transportation Planner

Agenda Item 9, Page 30

12/12/24

Requested Action

Approve Resolution R-24-31 adopting the CY 2025 TIP Guidebook

TIP Guidebook



2025 GUIDEBOOK

- Outlines goals & objectives of the TIP
- Identifies polices & procedures
- Important timelines
- Updated annually

Transportation Improvement Program

421 W Riverside Ave Suite 500 Spokane, WA 99201 509.343.6370 | www.srtc.org

2025 Updates

- Added Call for Projects info
- Revised schedule for Call for Projects
- Clarified change in total programmed amount for administrative modification
- Updated amendments and administrative modification schedules

Call for Projects (2027-2029)

Approx. \$36 million available for 2027-2029

Funding:

- Surface Transportation Block Grant (STBG) program
- STBG Set Aside program
- Congestion Mitigation Air Quality (CMAQ) program
- Carbon Reduction Program (CRP)

Principles of Investment

- Discussion Points
 - Allocation for preservation projects
 - Allocation for small towns/small cities (<5,000 population)
 - Allocation for planning and operations
 - SRTC planning
 - SRTMC
 - Application limits per agency

Call for Projects

2025	Schedule
February	Call for projects release
March	Project Eligibility Worksheet and Complete Streets Checklist due
April	Deadline for submitting Application Package(s)
May	TAC & TTC review preliminary results
June	Board review preliminary results
June	TAC & TTC recommend to Board prioritized list of projects for award and contingency list
July	Board approve list of projects for awards and contingency list

Next Steps

- Dec 18 TAC/TTC briefing on Call for Projects, Principles of Investment
- Jan 1 CY 2025 TIP Guidebook in effect
- Jan 9 SRTC Board Call for Projects application criteria and Principles of Investment discussion
- Jan 14 TIP Working Group
- Jan 22 TAC/TTC recommendation
- Feb 13 Board approve criteria, Principles of Investment
- Feb 14 Call for projects released



Questions?

Ryan Stewart

Principal Transportation Planner
Spokane Regional Transportation Council
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(509) 343-6370 | <u>rstewart@srtc.org</u> | <u>www.srtc.org</u>

Requested Action

Approve Resolution R-24-31 adopting the CY 2025 TIP Guidebook



Ken Knutson, P.E. Traffic Engineer for Operations WSDOT Eastern Region ken.knutson@wsdot.wa.gov





Washington State Department of Transportation





Overview

- About the SRTMC
 - Brief history
 - Organization chart
- Annual Budget
- Current SRTMC services
- Future SRTMC services
- Questions

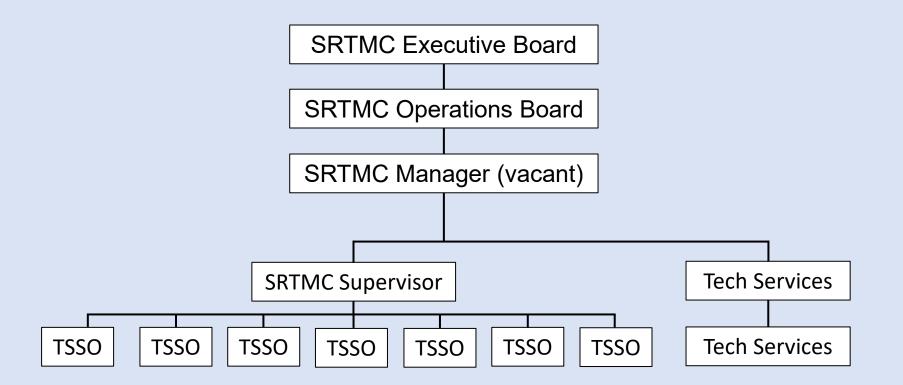


SRTMC History

- 1993
 - Need identified in Spokane Area Traffic Management Plan
- 1998
 - Interlocal agreement signed
 - Operating Board established
- 2001-02
 - Build out of existing space in current location
- 2002
 - Daytime operations begin
- 2003
 - 24/7 operations begin
- 2016
 - Executive Board established
- Mid-2026
 - SRTMC relocate to WSDOT ER campus

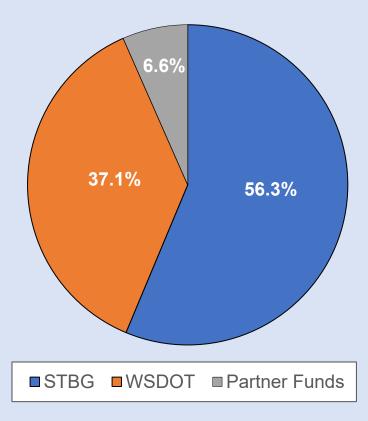


Organization Chart



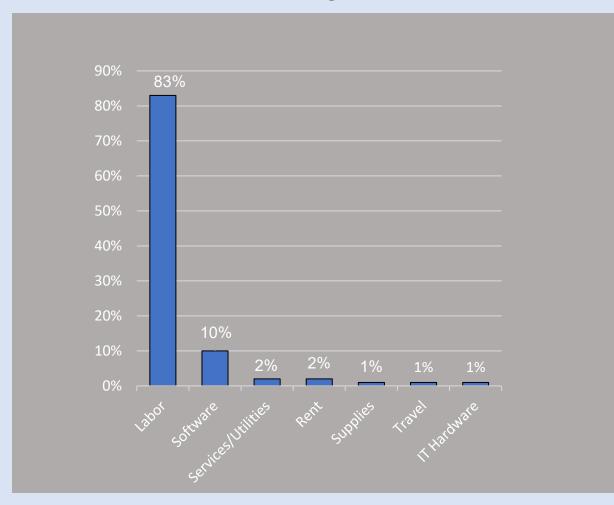


SRTMC Operating Budget – Revenue Sources





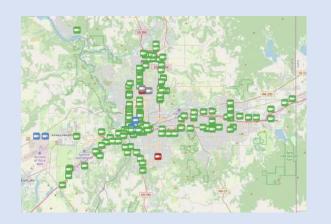
SRTMC Expenditures

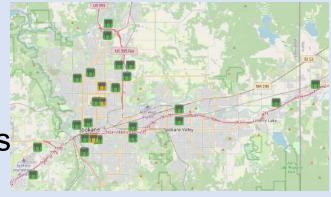


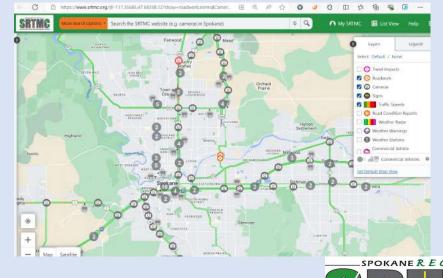


Existing Regional ITS

- Fiber Optic Cable
 - Shared with SRTMC partners
- Traffic Cameras
- Dynamic Message Signs
- Road Weather Information Systems
- Traffic Detectors
- Data Warehouse
- Ramp Meters
- www.srtmc.org









Data Warehouse

• Event planning example

Mainline St	ation 600	5310 - Pittsbu	rg St EB				
Current Loca	tion		Performance 🔻 Data Quality 🕶	Configuration 👻			
+			Performance > Model	ing > Lane Requ	irement Chart	→ ABOUT THIS R	EPORT
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Owner		None	4 Provide at least four adjacent				
Assoc. TMG St	ation	None	5 Provide at least five adjacent				
Comm Type (L	DS)		S Shoulder closure permitted (r	ight / left)			
peeds	Repo	rted and used in calculations	No work permitted Remarks:				
lax Cap.			Capacity: 1500 Veh/Lane/Hour VDS 6005310				
/ehicle Classif		N/A	09/2024 to 09/2024 Avg(), 1x				
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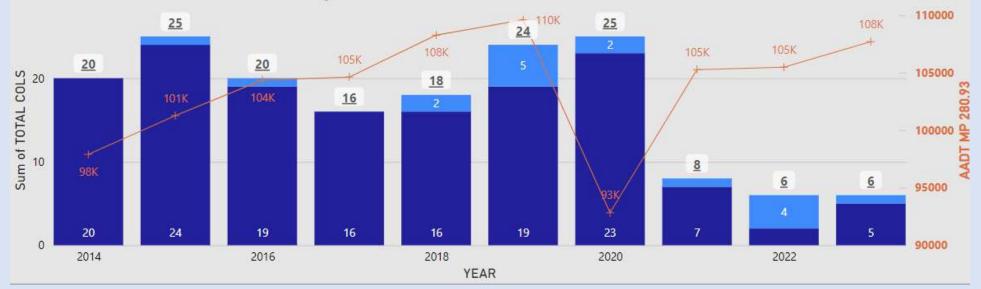


Ramp Metering Effectiveness

Walnut EB On-ramp (Ramp Meter Activated April 13, 2021)

Sum of TOTAL COLS, AADT by YEAR, and PRIMARY TRAFFICWAY

PRIMARY TRAFFICWAY 0090 0090Q128047 + Average of AADT





Possible Future SRTMC Services

- Ramp metering expansion
- Regional response to incidents/events
- Managed lanes
- Variable speed limits





Questions?



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