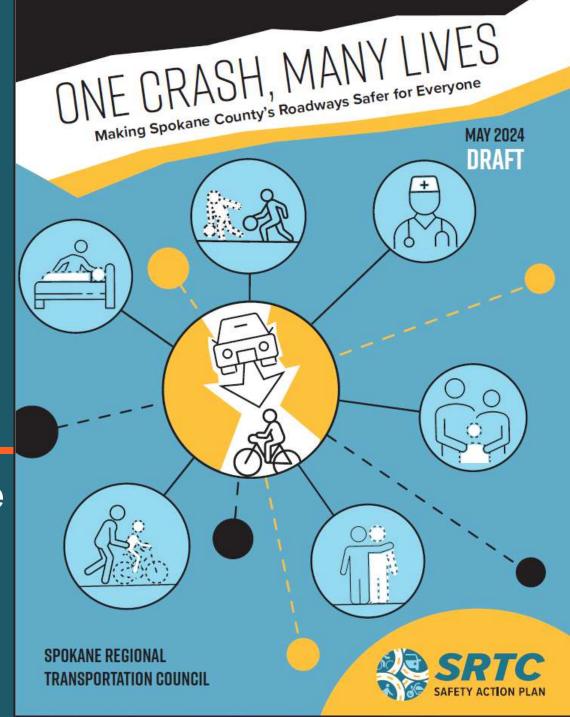
Regional Safety Action Plan

Transportation Technical Commitee Agenda Item 6 | Page 21

August 28, 2024



Requested Action

Recommend SRTC Board adoption of the Regional Safety Action Plan

Extraordinary Effort! Thank You!

- Multiple Meetings
- Document review
- Follow up calls
- Email coordination

Agency Stakeholders

- Adam Jackson, City of Spokane Valley*
 City of Deer Park
 Town of Fairfield
- John Griffin, WTSC Vision Zero Task Force Micki Harnois, Town of Rockford
- Samantha Hennessy, Spokane Regional Health District*
 Kalispel Tribe of Indians
 Lisa Key, City of Liberty Lake
 Town of Latah
 Brett Lucas, City of Cheney
- Inga Note, City of Spokane*
 Kevin Picanco, City of Spokane
- Tom Sahlberg, SRTC Tac Member*

 Kyle Schiewe, City of Millwood

 Town of Spangle

 Spokane Tribe of Indians

 Heather Trautman, City of Airway Heights
- Nate Thompson, Spokane County*
 Washington State Patrol
 Washington State Department of Transportation
 Washington State Transportation Commission
 Town of Waverly
 Sonny Weathers, City of Medical Lake
- Steering Committee Members

 Lukas Yanni, Spokane Transit Authority*

What's in the Plan

Introduction	8
What We Heard from the Community	14
What's Happening in Our Region	21
Emphasis Areas	30
Strategies and Action	36
Implementation	42
Emerging Tech	44
Evaluating our Progress	46
Member Profiles	48

Appendices (under separate cover)

Appendix A: Public Involvement Summary

Appendix B: Equity Analysis

Appendix C: Crash Analysis/HIN Methodology

Appendix D: Plan and Peer Agency Review

Appendix E: Strategy Background

Appendix F: Countermeasure Toolkit

Appendix G: Project Prospectus Sheets





HIN project concepts to help with future funding requests. Not intended to be adopted as part of plan.



the BOARD OF DIRECTORS of the SPOKANE REGIONAL TRANSPORTATION COUNCIL R-24-##

Regional commitment to the goal of zero roadway fatalities and serious injuries

WHEREAS, the Spokane Regional Transportation Council Board (SRTC Board) of Directors serves as the Metropolitan Planning Organization (MPO) for the Spokane Metropolitan Planning Area (SMPA) and as the Regional Transportation Planning Organization (RTPO) for Spokane County; and

WHEREAS, SRTC is established through an Interlocal Agreement of the members that forms a Board of Directors to serve as the governing body of SRTC with a responsibility to make policy decisions for the organization; and

WHEREAS, SRTC was awarded a federal Safe Streets and Roads for All (SS4A) planning grant to fund a Regional Safety Action Plan (RSAP) to identify measures for reducing fatal and serious crashes for all modes – vehicles, motorcycles, pedestrians, and bicyclists.

WHEREAS, to comply with the SS4A program requirements, the RSAP must include a public commitment to the eventual goal of zero roadway fatalities and serious injuries from a high ranking official and/or elected body in the jurisdiction, including a timeline/target for achieving that goal.

WHEREAS, progress toward the national safety goals is monitored as part of the annual Safety Performance Measurement reporting process.

WHEREAS, Washington State Department of Transportation (WSDOT) Target Zero goal states that traffic fatalities and serious injuries on Washington's roadways (including roads beyond the National Highway System) will be reduced to zero by the year 2030.

WHEREAS, the likely time frame from RSAP adoption to project programming, design, funding, and construction will exceed 6 years in most cases.

WHEREAS, under the SS4A grant program, establishing multiple target dates to achieve zero fatal and serious injury crashes is allowable.

NOW, THEREFORE BE IT RESOLVED, that the SRTC Board: agrees to plan and program projects to achieve a 50 percent reduction in fatal and serious injury crashes by 2030 on the SRTC High Injury Network and for crashes impacting pedestrian and cyclists; achieve zero fatal and serious injury crashes within the SRTC planning area by 2042; reassess data and targets at least every four to five years to make significant and continuous progress in achieving zero fatal and serious injury crashes.

Place Holder – WW to edit if necessary

- Liberty Lake corrected figure to match table. Figured showed Country Vista as HIN and should have been
 Mission. Changed HPN to HIN
- Updated top 10 corridors to reflect change in limits of Spokane county West Trails Road
- Spokane County tables were updated per Nate's comments
 - Removed location columns
 - $_{\circ}$ $\,$ Changed limits of West Trails Road and scoring
 - Changed limits of N. Hayford Road and scoring
 - Moved Nevada from Cozza to Lyons to City table
 - Added percentage of roads in blue box that are posted 45-50. "45-50 MPH roads only make up 22% of the network."
 - Added E Hasting lists
- WSDOT Tables
 - Removed Location column

Appendix G – Project Prospectus Sheets

WW to edit accordingly

Meetings that occurred since (CoS, CoSV)

Nature of edits that were made to sheets

City of Airway Heights

Requested Action

Recommend SRTC Board adoption of the Regional Safety Action Plan





2025 Unified List of Regional Transportation Priorities

Transportation Technical Committee Agenda Item 7 | Page 22

August 28, 2024

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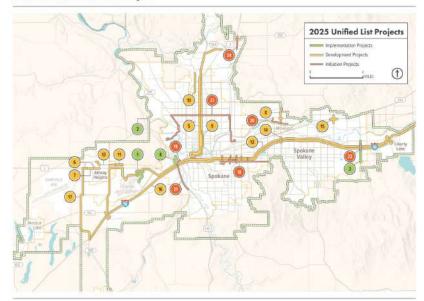


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2025 Unified List of Regional Transportation Priorities and Policy Statements



List Integration w/SRTC Plans + Programs

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Horizon 2045

METROPOLITAN TRANSPORTATION PLAN / 20+ YEAR HORIZON

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Unified List of Regional Transportation Priorities

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Transportation Improvement Program (TIP)

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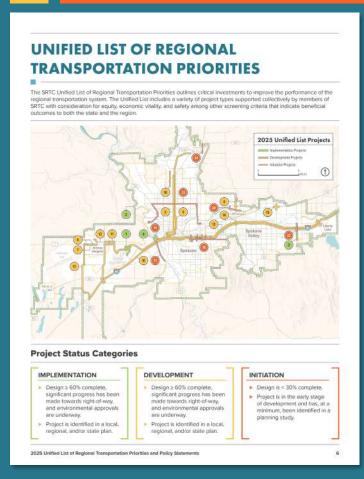
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14(t) Craig Rd Complete Streets Project 14(t) Spokane Falls Blvd In 2024 Unified List	Airway Heights	Development	\$11.2 Million	\$10. Million	\$10. Million	\$10. Million	113
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Break Point



Requested Action

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Congestion Management Process: Corridor Analysis & Strategies

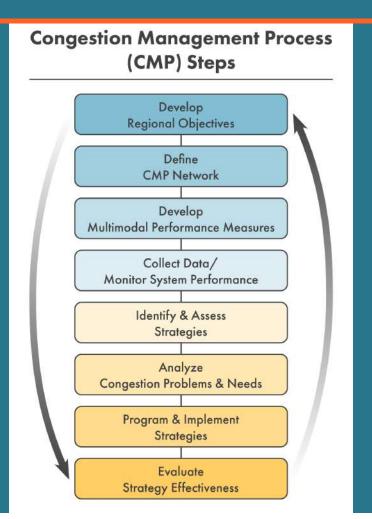
Transportation Technical Committee Agenda Item 9 | Page 27

August 28, 2024

Congestion Management Process (CMP)

Systematic regional approach to managing congestion

- Data collection & analysis
- Identifying problems & needs
- Developing & implementing strategies
- Ongoing monitoring & evaluation
- Federally required for all urban areas with a population over 200,000





Purpose of the CMP

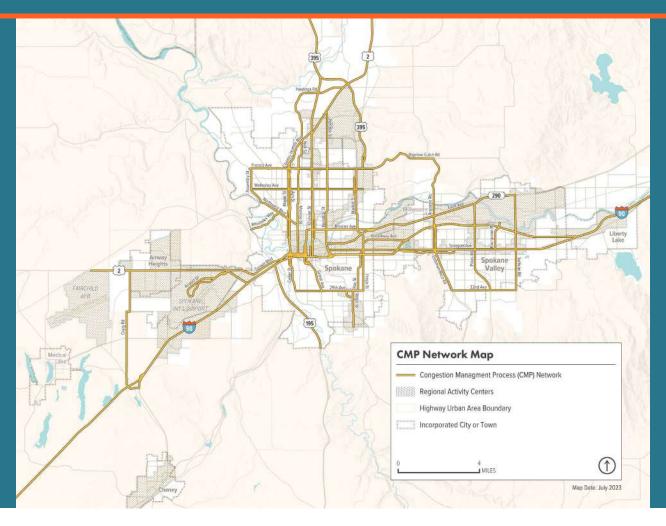
- Manage regional travel demand
- Reduce single occupancy vehicle (SOV) trips
- Improve the transportation system's efficiency
- Maximize transportation funds
- Justify additional capacity when it's needed
- Ensure regional coordination



CMP Network

Updated CMP network approved by the SRTC Board in July 2023

- Includes all NHS routes with 15K AADT or 1.5 LOTTR or connecting regional activity centers
- Routes providing key connections in the network also included





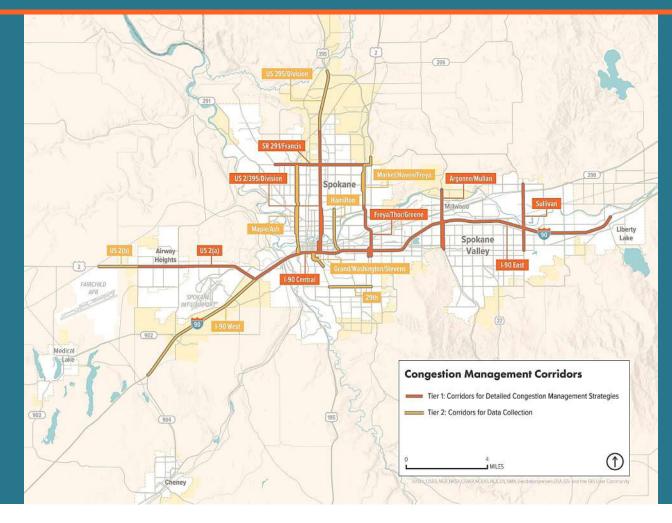
Corridor Analysis

Tier 1 Corridors

 Most important corridors selected for detailed congestion management strategies

Tier 2 Corridors

- Regionally important corridors selected for monitoring
- Strategies not assigned until conditions worsen





CMP Toolkit of Strategies

- Strategies that could realistically be applied to the Spokane region
- 37 strategies grouped into 5 categories

CN	IP Toolkit Strategy Categories
₹	Travel Demand Management (TDM)
	Operational Improvements/
	Intelligent Transportation Systems (ITS)/
P	Transportation System Management (TSM)
	Transit Operational Improvements
	Freight/Goods Movement
	Roadway Capacity improvements



CMP Strategies Matrix

Identifies specific strategies for each Tier 1 Corridor

SRTC CMP Strategy Matrix										
Toolkit Category	Toolkit Strategy	SR 291/Francis	US 2 -A	Sullivan	I-90 Central	1-90 East	Argonne/Mullan	Freya/Thor/Greene	US 2/US 395/Division	US 395/Division
Travel Demand Management (TDM)	Ridesharing Services /Ride matching	65	х	х	х	x	8 8	х		
TDM	Alternate Travel Modes Outreach Events and Programs (group and individualized)	x	x		x	x			x	
TDM	Shift Peak Travel									
TDM	Local Delivery Service	ž.	81 3						х	х
TDM	Parking Management				x	×		х		
TDM	Parking Facility Management Informational Signs				х	x				
TDM	Improvements for Walking	x	х	х	x	x	х	х	х	x



CMP Workshop

CMP workshop next month covering:

- Tier 1 CMP Corridors
- CMP Toolkit of Strategies
- CMP Strategies Matrix







2025 Unified List of Regional Transportation Priorities

Transportation Technical Committee Agenda Item 7 | Page 22

August 28, 2024

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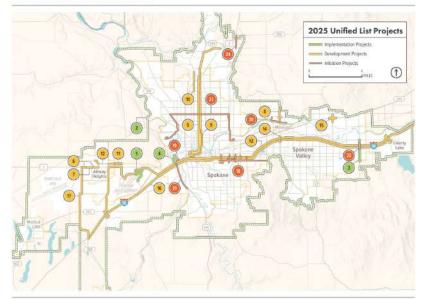


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9(t) 32nd Ave Corridor Reconstruction	Spokane County	Initiation	\$23.5 Million	\$23.5 Million	\$23.5 Million	\$23.5 Million	104	
9(t) Glenrose Corridor - 57th Ave to Spokane Valley City Limits	Spokane County	Initiation	\$33.4 Million	\$33.4 Million	\$33.4 Million	\$33.4 Million	104	

Break Point

Break Point



Requested Action

Recommend Board approval of the 2025 Unified List of Regional Transportation Priorities, as shown in the attachment.





Congestion Management Process: Corridor Analysis & Strategies

Transportation Technical Committee Agenda Item 9 | Page 27

August 28, 2024

Congestion Management Process (CMP)

Systematic regional approach to managing congestion

- Data collection & analysis
- Identifying problems & needs
- Developing & implementing strategies
- Ongoing monitoring & evaluation
- Federally required for all urban areas with a population over 200,000





Purpose of the CMP

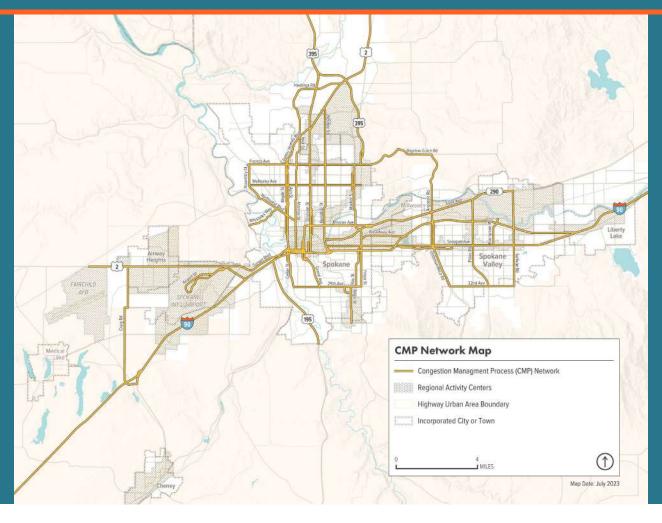
- Manage regional travel demand
- Reduce single occupancy vehicle (SOV) trips
- Improve the transportation system's efficiency
- Maximize transportation funds
- Justify additional capacity when it's needed
- Ensure regional coordination



CMP Network

Updated CMP network approved by the SRTC Board in July 2023

- Includes all NHS routes with 15K AADT or 1.5 LOTTR or connecting regional activity centers
- Routes providing key connections in the network also included





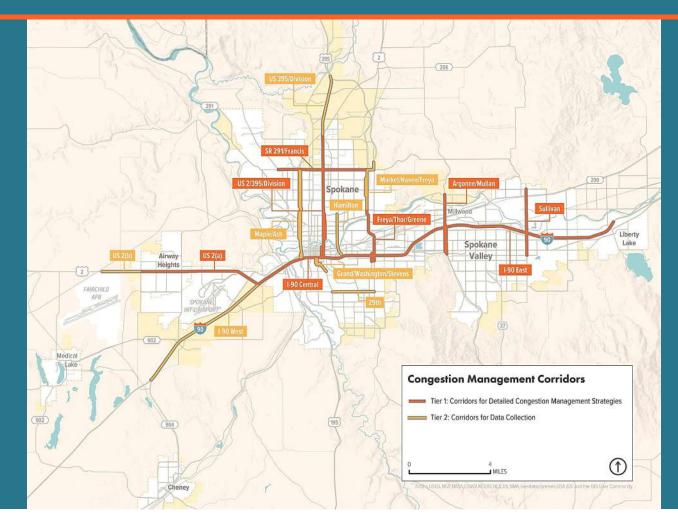
Corridor Analysis

Tier 1 Corridors

 Most important corridors selected for detailed congestion management strategies

Tier 2 Corridors

- Regionally important corridors selected for monitoring
- Strategies not assigned until conditions worsen





CMP Toolkit of Strategies

- Strategies that could realistically be applied to the Spokane region
- 37 strategies grouped into 5 categories

CM	IP Toolkit Strategy Categories							
₹ .♦	Travel Demand Management (TDM)							
	Operational Improvements/							
	Intelligent Transportation Systems (ITS)/							
P	Transportation System Management (TSM)							
	Transit Operational Improvements							
	Freight/Goods Movement							
	Roadway Capacity improvements							



CMP Strategies Matrix

Identifies specific strategies for each Tier 1 Corridor

SRTC CMP Strategy Matrix										
Toolkit Category Toolkit Strategy		SR 291/Francis	US 2-A	Sullivan	I-90 Central	I-90 East	Argonne/Mullan	Freya/Thor/Greene	US 2/US 395/Division	US 395/Division
Travel Demand Management (TDM)	Ridesharing Services /Ride matching	8	х	х	х	x	8 3	х		
TDM	Alternate Travel Modes Outreach Events and Programs (group and individualized)		x		x	x			x	
TDM	Shift Peak Travel									
TDM	Local Delivery Service						Z 18		х	х
TDM	Parking Management				x	×		х		
TDM	Parking Facility Management Informational Signs			3	х	x				
TDM	Improvements for Walking	х	x	х	x	x	x	х	х	x



CMP Workshop

CMP workshop next month covering:

- Tier 1 CMP Corridors
- CMP Toolkit of Strategies
- CMP Strategies Matrix





Congestion Management Process: Corridor Analysis & Strategies

Transportation Technical Committee Agenda Item 9 | Page 27

August 28, 2024

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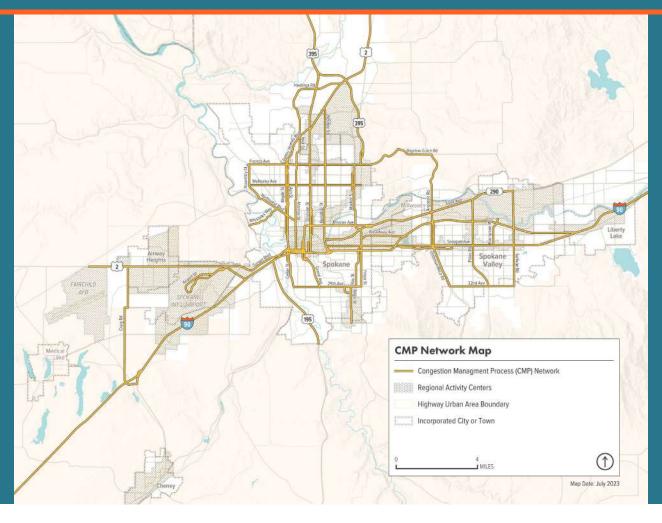
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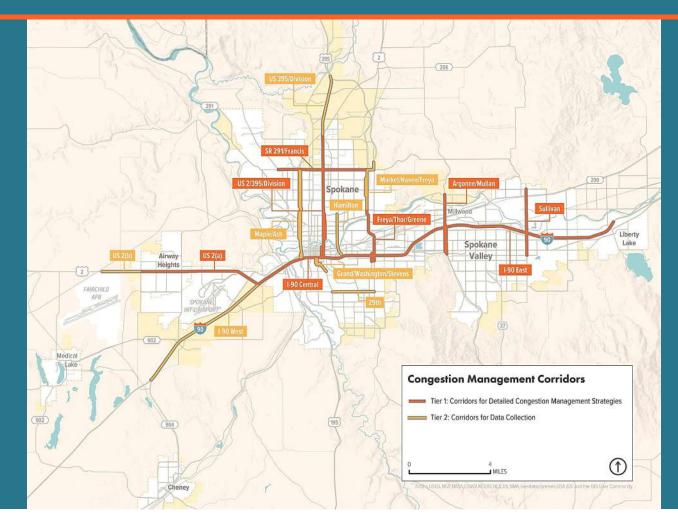
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TDM	Alternate Travel Modes Outreach Events and Programs (group and individualized)		x		x	x			x	
TDM	Shift Peak Travel									
TDM	Local Delivery Service						Z 18		х	х
TDM	Parking Management				x	×		х		
TDM	Parking Facility Management Informational Signs			3	х	x			3 18	
TDM	Improvements for Walking	х	x	х	x	x	x	х	х	x



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- CMP Toolkit of Strategies
- CMP Strategies Matrix





Smart Mobility and Resiliency Update

TTC

Agenda Item 10 | Page 28

Jason Lien

August 28, 2024

Smart Mobility & Resiliency Projects



Review current practices and state of our system



Assess technologies.
Assess resiliency
vulnerabilities.



Recommend projects, programs, and strategies

Smart Mobility: Goal

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



Smart Mobility Focus Areas

- Asset Management
- Travel Demand / Congestion Management
- Safety, Accessibility, & Equity
- Resiliency & Sustainability
- Data & Information Sharing

Technology Evaluation Criteria

- What problem are you trying to solve? Does the technology solve your problem?
- What are the potential benefits and limitations?
- Is it "achievable" in the short term (1 5 years)?
- Will it require a high level of effort and resources from staff?
- Will it be supported by the public and key decision-makers?
- Is there a sustainable funding source?
- Is it better as a pilot project?

Regional EV Infrastructure Planning

- EV adoption projections
- Priority locations
- Policy framework
 - Public / Community
 - Fleet
 - Residential



System Resiliency: Goal

Continually improve the ability to anticipate, prepare for, adapt to, withstand, and recover from disruptions and changing conditions.



Resilience and Disaster Recovery Tool

- Quantitative GIS-based tool
- Developed by the USDOT Volpe Center

Resiliency Methodology

Step 1

Identify Hazards & Vulnerability

Spokane Co Emergency
Management / GIS
assessment



Predict how hazards impact the transportation system & specific assets + Scenarios

RDR Tool

Step 3

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



Next Steps

- Draft reporting complete in Sept. + Final stakeholder meetings
- Revisit with committees / Board in October
- Board approval in December
- Incorporate in Needs Assessment Summary > MTP Update

Thank You

Jason Lien
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509.343.6370

Smart Mobility Technologies

- Infrastructure
 - Intelligent Transportation Systems (ITS)
 - Communications / Sensors
 - Broadband / Fiber / 5G
- Vehicles / Logistics
 - Connected/Autonomous
 - Clean fuels
 - Freight delivery
 - Micromobility
- Information Technology
 - Apps / traveler info
 - Data / Al





EV Charging Grant Update

TTC

Agenda Item 11 | Page 29

Jason Lien

August 28, 2024

Spokane Regional Transportation Electrification Grant Project

- \$2.5 million in state and federal funding awarded thru WA Dept of Commerce (2021)
- Multi-million \$ investments over 5 years w/ match
- Charging infrastructure + Education & Outreach
- Partners Dept. of Commerce, Avista, STA, local agencies, private business



SRTC Role

- Project oversight & coordination
- Reimbursements, grant compliance & reporting
- Contracts
- Facilitate alternate site evaluation

NE Community Center



Status

- 20 sites in service
- Others in process this Summer
- Site challenges:
 - Financial
 - Security
 - Change of commitment
- Alternate sites considered as possible



Next Steps

- Continued grant management
- Close-out of program in December 2025

Thank You

Jason Lien
jlien@srtc.org
509.343.6370



2025 – 2028 Transportation Improvement Program (TIP)

Transportation Technical Committee (TTC)

Ryan Stewart, Principal Transportation Planner

Agenda Item 12, page 30

Information

August 28, 2024

What is the TIP?

4-year program of regional transportation projects

- Any project receiving federal funds or regionally significant
- Full document at SRTC.org under the Transportation Improvement Program tab



SRTC Project Selection

(STBG, CMAQ, TA Set-Aside)

Local 6-Year TIPs

(Federally funded, Regionally Significant)

WSDOT Project Selection SRTC 4-Year TIP

STA Project Selection

(FTA Programs)

SRTC TIP Determination Process



Consistent with SRTC's MTP-Horizon 2045



Consistent with Regional Plans



Conforms with
State Air
Quality Plans



Fiscally Constrained

2025-2028 TIP Overview - DRAFT



65 Projects (Total)



\$896 M (4-years)



23 Projects = \$32 M (SRTC Managed)

Spokane Regional Transportation Council (SRTC)

2025–28 Regional TIP Projects by Project Type



Project Type	Number of Projects	% of Projects	Programmed Funds	% of Program
Active Transportation	8	12%	27,451,870	3%
Bridge	6	9%	17,605,509	2%
High Performance Transit	2	3%	2,500,000	0%
Planning	2	3%	4,178,035	0%
Preservation	17	26%	30,914,294	3%
Rail/Highway Crossing	2	3%	40,778,208	5%
Reconstruction	5	8%	20,571,913	2%
Roadway Capital	2	3%	5,980,000	1%
Roadway Capital - NSC	6	9%	624,663,926	70%
Safety & Security	3	5%	2,553,200	0%
Transit	4	6%	108,401,784	12%
TDM	1	2%	864,422	0%
TSMO	7	11%	10,368,022	1%
TOTAL	65	100%	896,831,183	100%

2025-2028 TIP Public Engagement

General outreach – SRTC's PPP

30-day TIP Public Comment Period

September 1 – September 30, 2024

TIP Public Meeting (Hybrid)

Thursday, September 26th 12:00 – 1:00 PM

Recording will be available on srtc.org



2025- 2028 TIP Timeline

- Sept 1 to Sept 30 30-Day Public Comment Period
- Sept 12 SRTC Board Informational Item
- Sept 25 SRTC TAC & TTC Action Item
- Sept 26 TIP Public Meeting
- Oct 10 SRTC Board Action Item
- Oct 18 Projects due to WSDOT in Secure Access WA
- ~Jan 10 FHWA/FTA STIP Approval



Thank you!

Ryan Stewart

Principal Transportation Planner

Spokane Regional Transportation Council

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