

## Welcome

SRTC MARCH BOARD

## SRTC Board of Directors Meeting







The Equity Working Group is open to new participants!

## SRTC Board of Directors Meeting



## SRTC Board of Directors Meeting





## SRTC Board of Directors Meeting



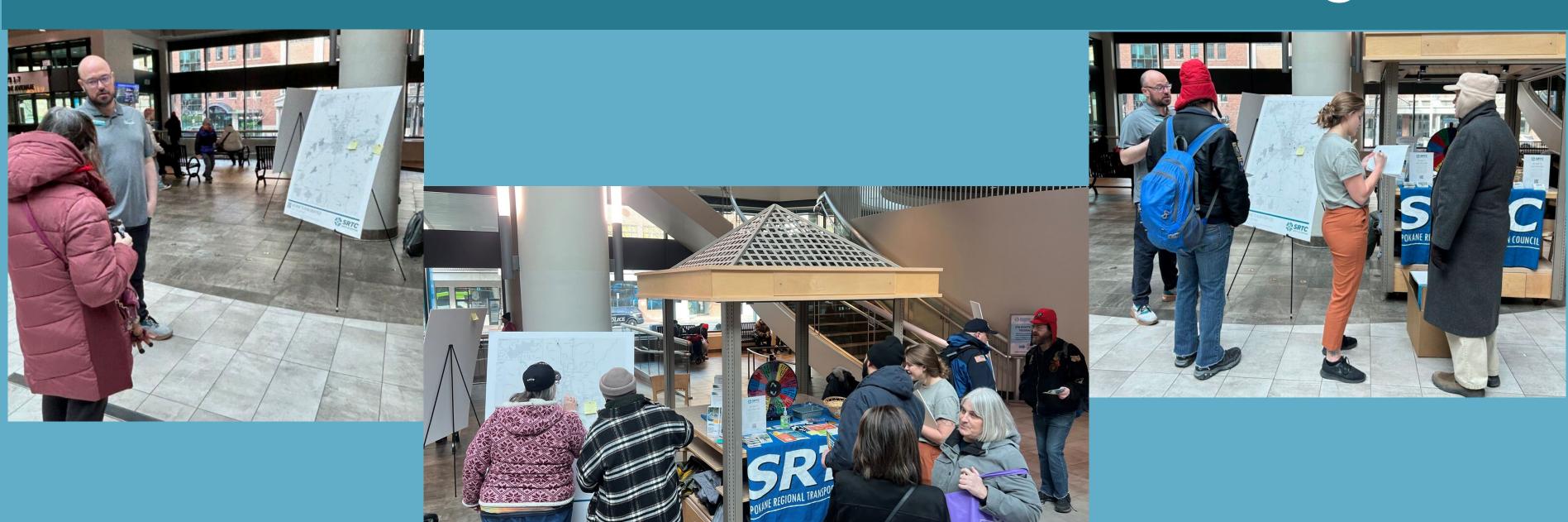
The Regional Safety Action Plan Survey closes on March 15th. Visit srtc.org/rsap/ for details.

## SRTC Board of Directors Meeting



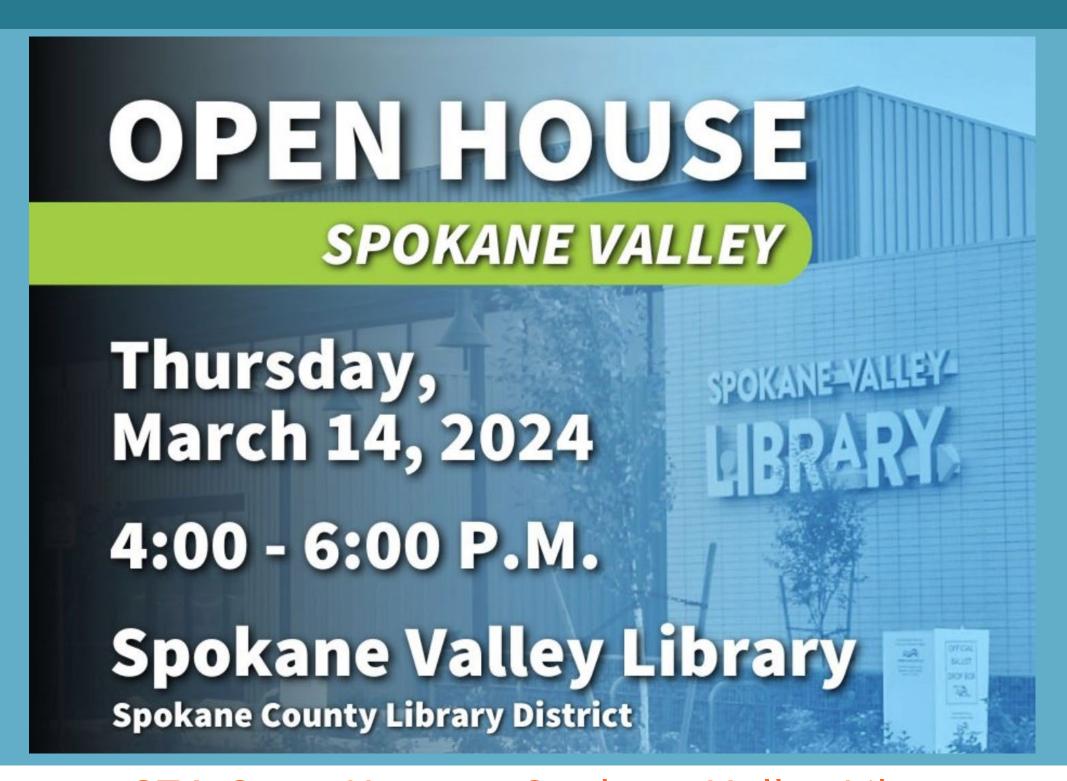


## SRTC Board of Directors Meeting



SRTC hosted 4 outreach events to get public input for the Regional Safety Action Plan.

## SRTC Board of Directors Meeting



STA Open House – Spokane Valley Library



# SRTC Office Lease: Amendment #2

**SRTC Board of Directors Agenda Item 4 | Page 17** 

March 14, 2024

## Overview

SRTC office lease ends on May 31, 2024.

Amendment #2 to the existing lease is being proposed to include:

- **Term:** 7 years beginning on June 1, 2024 for Suite 500 only (office suite).
- Suite 504: large conference room is not included
  - It will be available for general use or rental and will be managed by Paulsen Center staff.
  - SRTC will have priority use of Suite 504 for 2 years free of charge.
- Option to Extend: SRTC will have the option for a 5-year extension for Suite 500.



## Financial Aspects

#### **Suite 500**

(Offices & Reception)

Current lease for 12 months = \$68,292

- Suite 500 under the new lease:
  - Year 1 = \$63,800 (one month free)
  - **Year 2 = \$65,076** (one month free)
- Years 3-7 increase by 2-2.5% totaling \$506,852 for the 7-year period

#### **Suite 504**

(Large Conference Room)

Current lease for 12 months = \$14,604

- SRTC will have priority use for 2-years free of charge
- First right to negotiate afterwards

The total cost of our existing rate for Suite 500 over 7 years increasing by 2.5%/year is = \$515,4304



## Parking

#### The current lease includes parking stipend for staff & visitors

- Amended lease continues the current arrangement for staff parking
- Beginning June 1<sup>st</sup>, Visitor parking (Board and Committee members and guest presenters) will be reimbursed by SRTC. Updated information to be provided later in year before new lease takes effect.



## Recommended Action

 Approval of Paulsen Building Office Lease Amendment #2 and Authorization for the SRTC Executive Director to Execute the Agreement.



# Eastern Region Update & Priorities SRTC Board Meeting

Todd V. Trepanier, P.E. Assistant Secretary Regions & Principal Engineer March 14, 2024 Safety



#### **STRATEGIC PLAN**



May 2023

#### **VISION**

Washington travelers have a safe, sustainable and integrated multimodal transportation system.

#### **MISSION**

We provide safe, reliable and cost-effective transportation options to improve communities and economic vitality for people and businesses.

#### **VALUES**

- Safety
- Engagement
- Innovation
- Integrity
- Leadership
- Sustainability

#### **GOALS**

- Diversity, Equity, Inclusion
- Resilience
- Workforce Development



#### Strategic plan strategies

#### **DIVERSITY, EQUITY, AND INCLUSION**

We each strive to advance our culture of belonging and access so that all feel included, supported, valued, and safe.

- We embed DEI throughout the employee experience to grow our staff to learn to be allies and to create a culture of belonging.
- We grow the agency Diversity Advisory Groups by increasing membership, expanding learning, and creating influence.
- We develop guidelines and benchmarks that lead to precise and effective decision-making centered on our values.
- We strive to be a trusted partner of the communities we serve by truly understanding their needs.
- We create good policy that effectively responds to the needs of underserved communities and creates sound, equitable investment strategies.

#### WORKFORCE DEVELOPMENT

Be an employer of choice by hiring, training and retaining skilled workers to meet Washington's transportation needs.

- Employee Engagement encourage and act on employee feedback.
- Modern Work Environment continue building a flexible and mobile work environment through technology and innovation.
- Talent Development value our employees through training and other opportunities.
- Talent Pipelines analyze applicant pools and use varied recruiting methods to find exceptional talent.
- Workforce Analysis and Growth understand market trends and work to offer competitive compensation and ensure succession.

#### RESILIENCE

Plan and/or invest resources to improve our ability to mitigate, prepare for, and respond to emergencies, combat climate change, and build a transportation system that provides equitable services, improves multimodal access, and supports Washington's long-term resilience.

#### Part 1: Improve resilience of the transportation system

- Seismic Resilience prioritize and strengthen the elements of the transportation system most critical to emergency response after a seismic event, such as an earthquake and tsunami.
- Asset Management build resilience and reduce vulnerabilities while proactively managing the preservation and maintenance of WSDOT's assets necessary to achieve and sustain a state of good repair.
- Climate and Natural Hazard Resilience prioritize actions that reduce risk and build climate preparedness.
- Operational Resilience support and enhance security for all WSDOT staff and properties and improve WSDOT's Emergency Preparedness for response and recovery from natural and manmade incidents (including cyber).

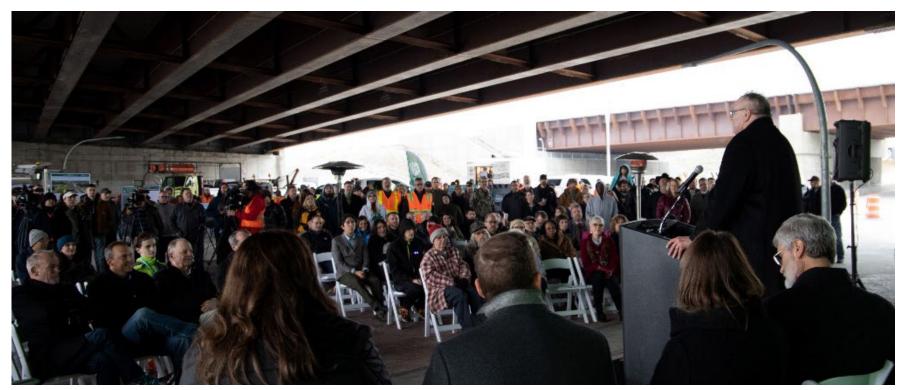
Part 2: Lead in the development of transportation that combats climate change and enhances healthy communities for all

- WSDOT Agency Greenhouse Gas Emissions Reduction Strategy Lead by example by reducing agency GHG emissions.
- Transportation Sector Greenhouse Gas Emissions Reduction Strategy Reduce transportation sector GHG emissions by promoting and investing in efficient, equitable and healthy transportation choices.

## It was a busy 2023!



June groundbreaking NSC River Crossing



Opened the next section of the NSC in November – Freya to Wellesley



Reopened the East Trent Bridge in July

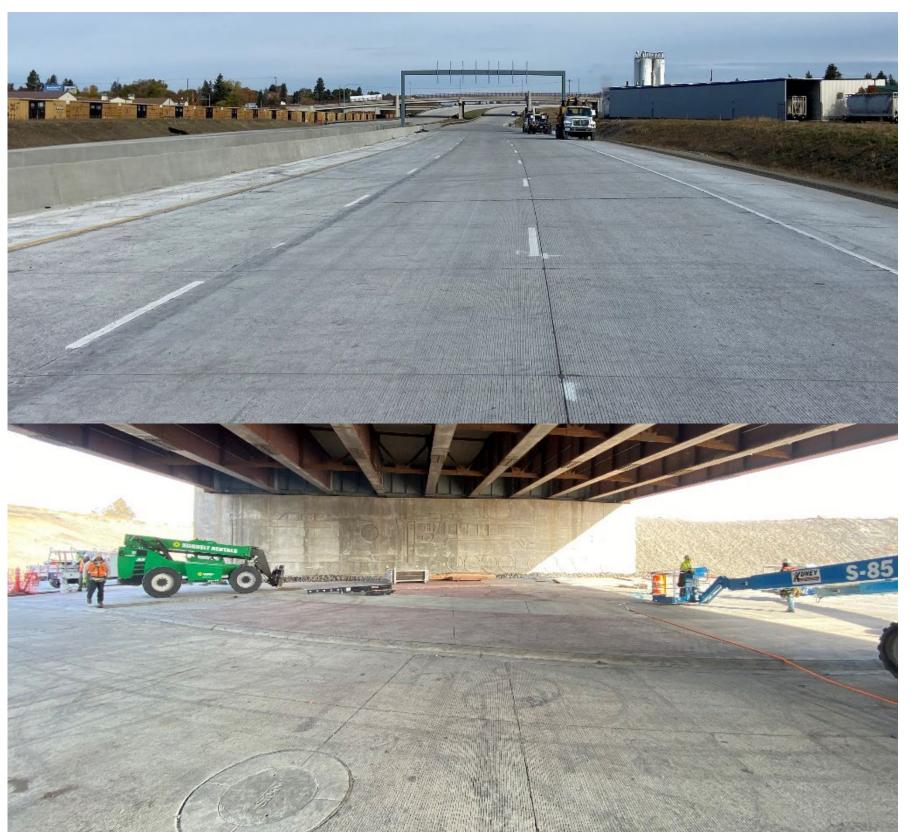


Opened in Sept. the new Kramer Parkway Bridge in Liberty Lake

## Opened NSC Freya to Wellesley

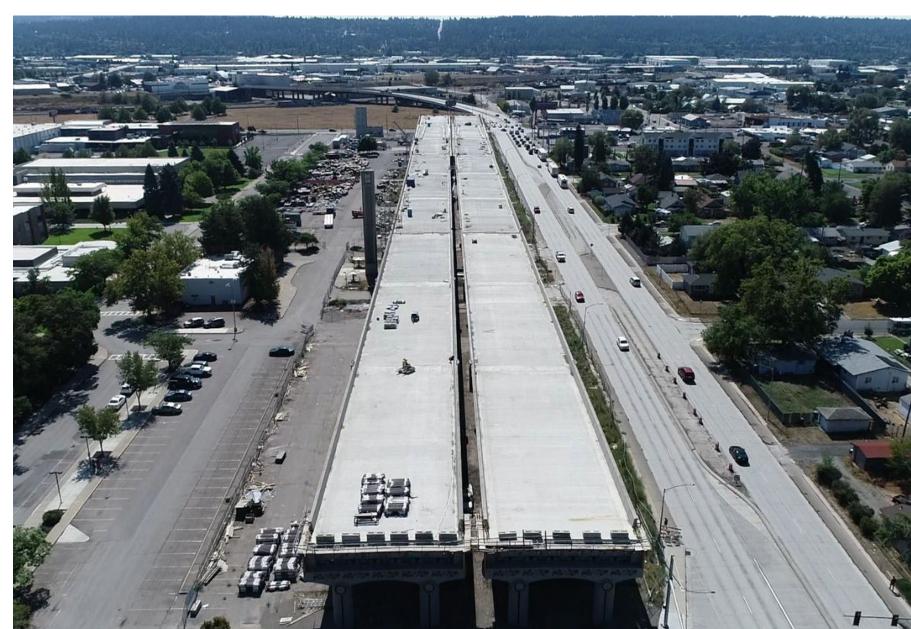


New section add 1.5 miles for first time in 12 years.



#### NSC Phase 1





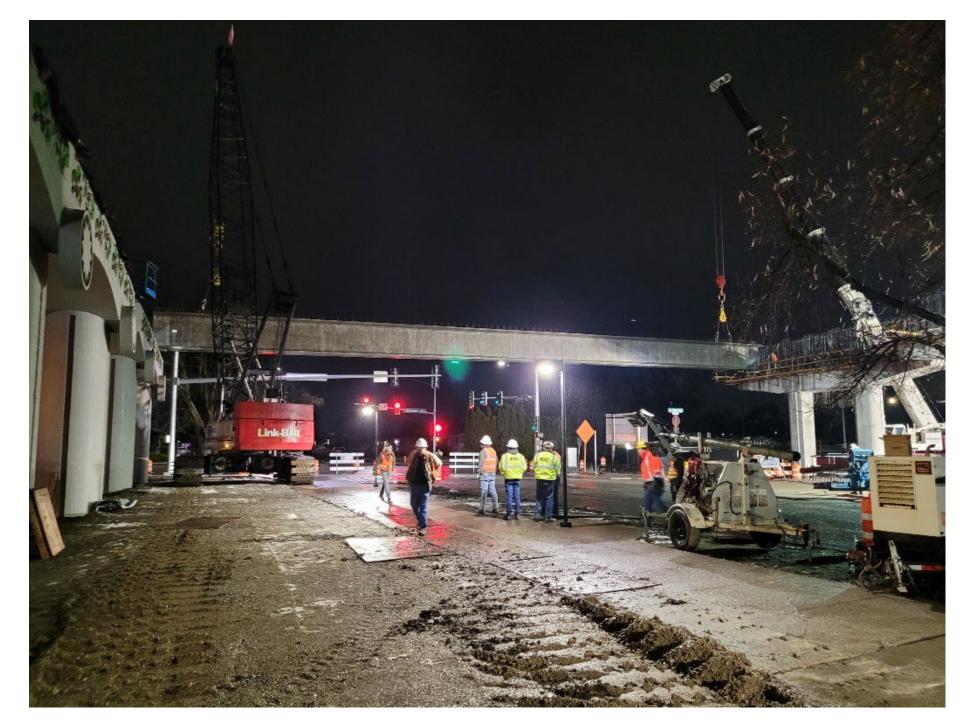
First project to start and be completed south of the Spokane River

#### Children of the Sun Trail

New section opened in Dec. 2023. Minor work remains for 2024.



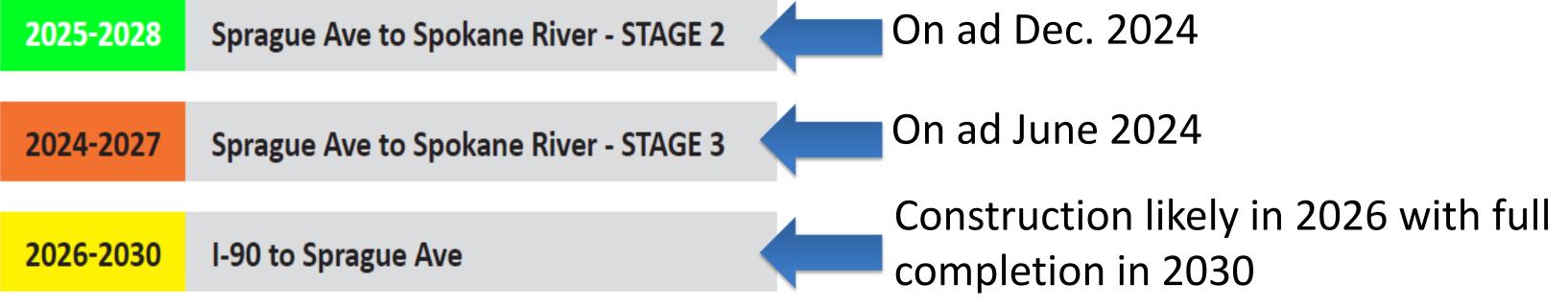
## Progress continues!





First girder being set for NSC Spokane River Crossing – Tuesday, Feb. 20

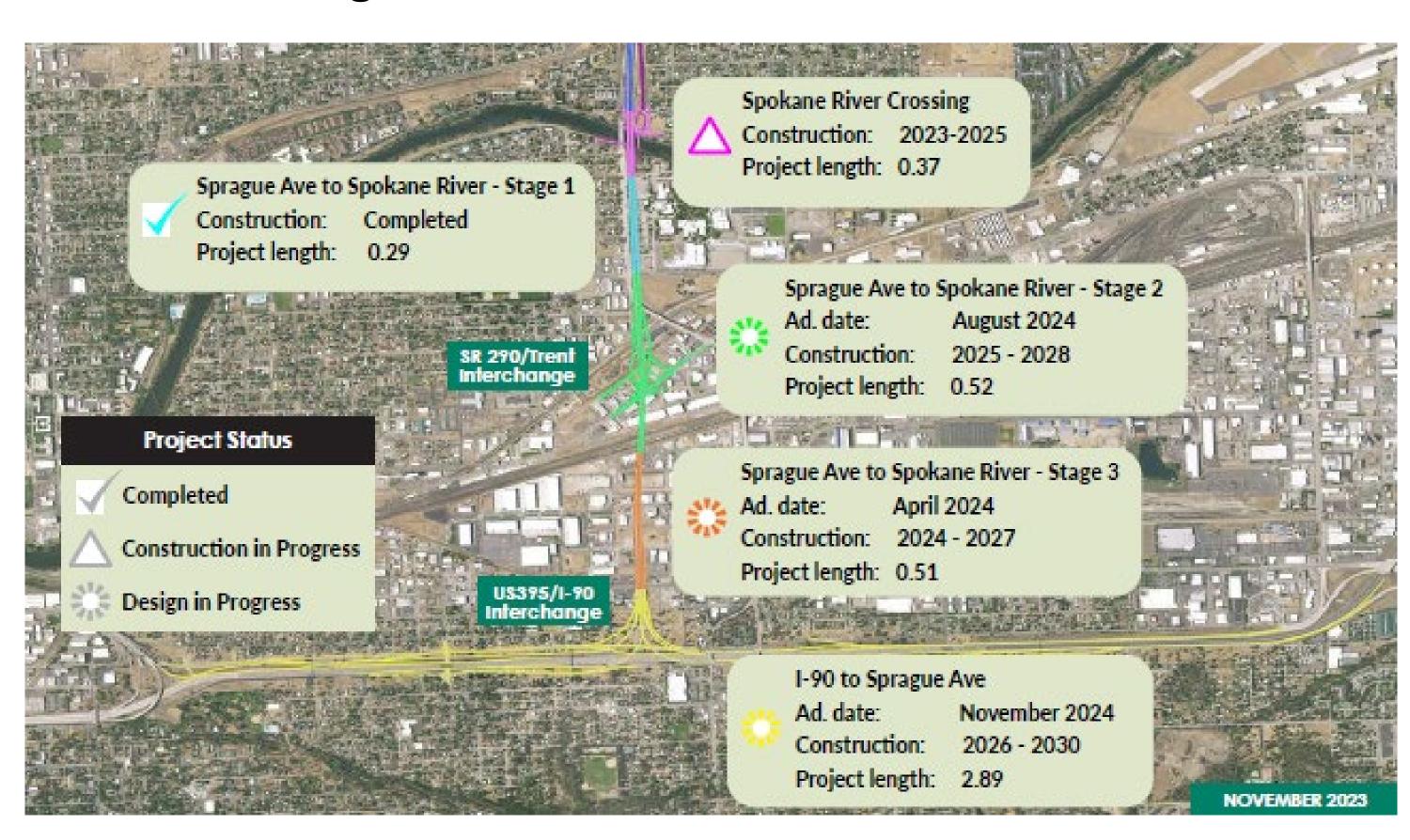
#### NSC – Future Construction





#### Continuing the NSC south

I-90 connection to begin in late 2025 to 2026.



## **ER NSC Sprague to Spokane River - Stage 3**

June 2024 ad date \$65M-\$80M — Sprague to Alki



## **ER NSC Sprague to Spokane River - Stage 2**

December 2024 ad date \$170M-\$190M — Trent interchange — Alki to Mission



## "Solving" congestion

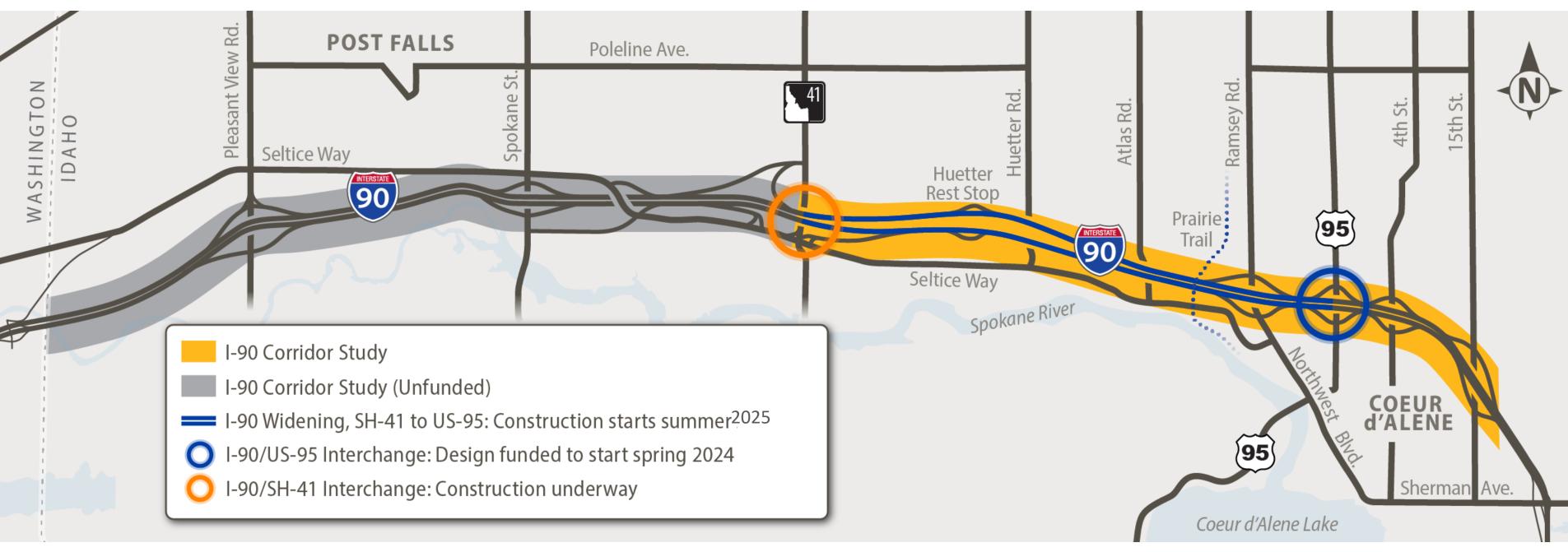




Cartoon via @Brent Toderian on Twitter

## Work to widen I-90 in Idaho underway

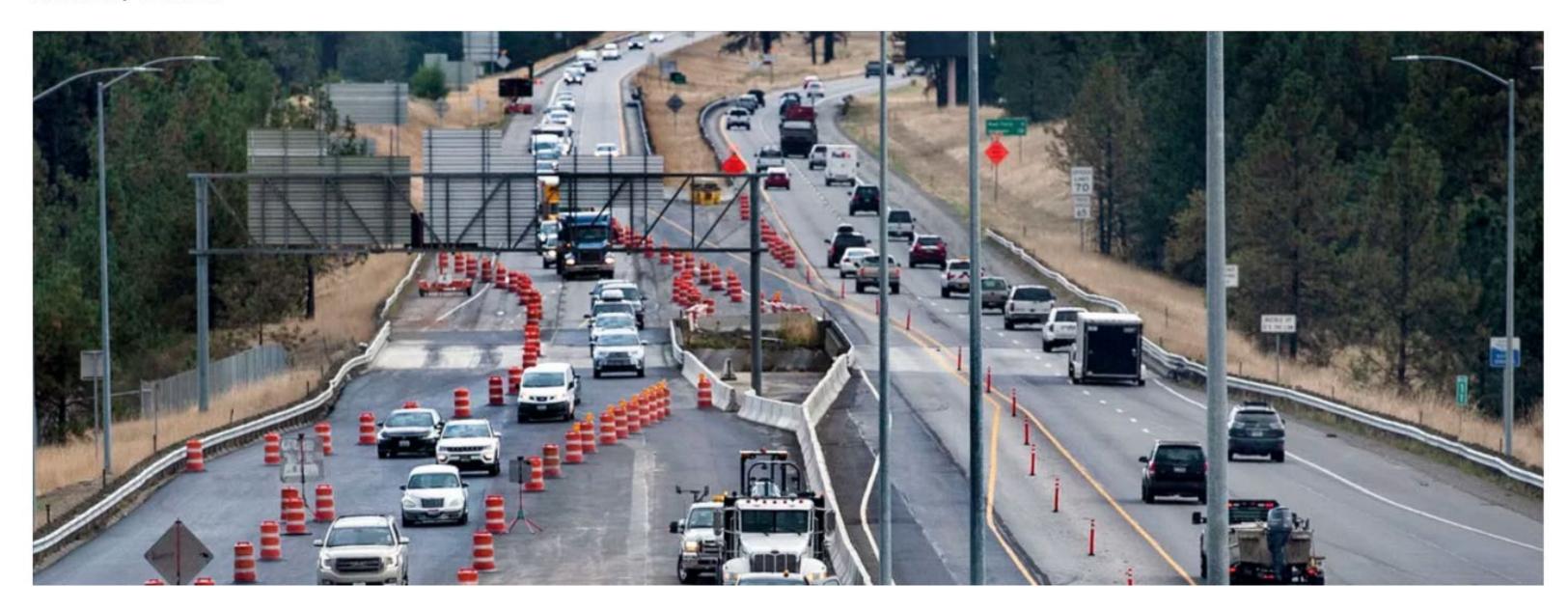
ITD starting expansion of I-90 from SH-41 to US 95 in 2025



## Idea to widen I-90 in WA well underway...

Getting There: Can a 6-lane I-90 and \$1.5 billion prevent gridlock in 300,000-person Kootenai County?

Mon., July 26, 2021



## We can't expand our way out of congestion



Identified in the study are other solutions instead of increasing system capacity, such as...

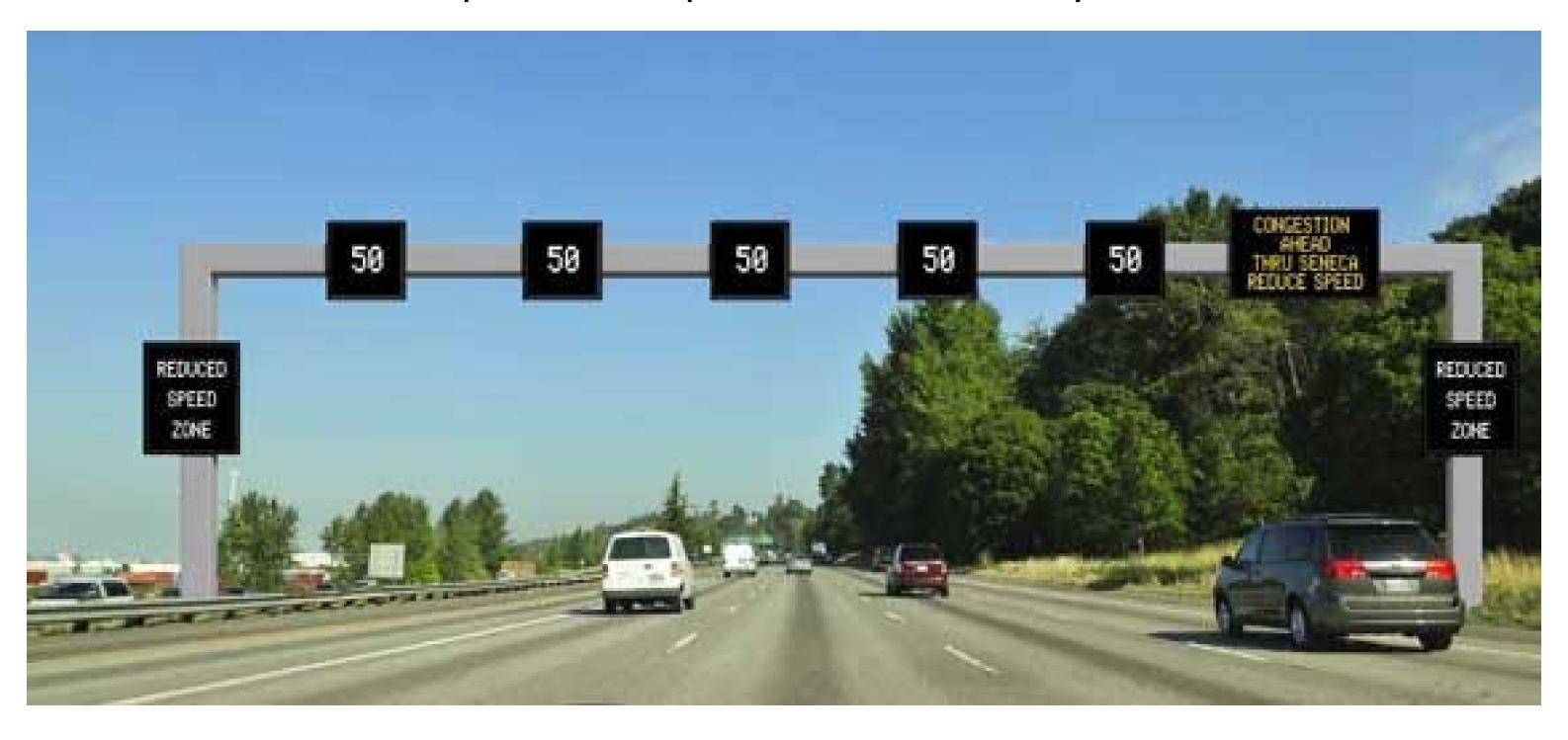
#### Incident Response Team

- Possible expansion of our incident response team.
- Currently three-member team.
   As NSC continues to expand,
   need for additional IRT members
   grows.
- Ability to respond quickly to incidents and clear lanes of travel.



## Other ITS options

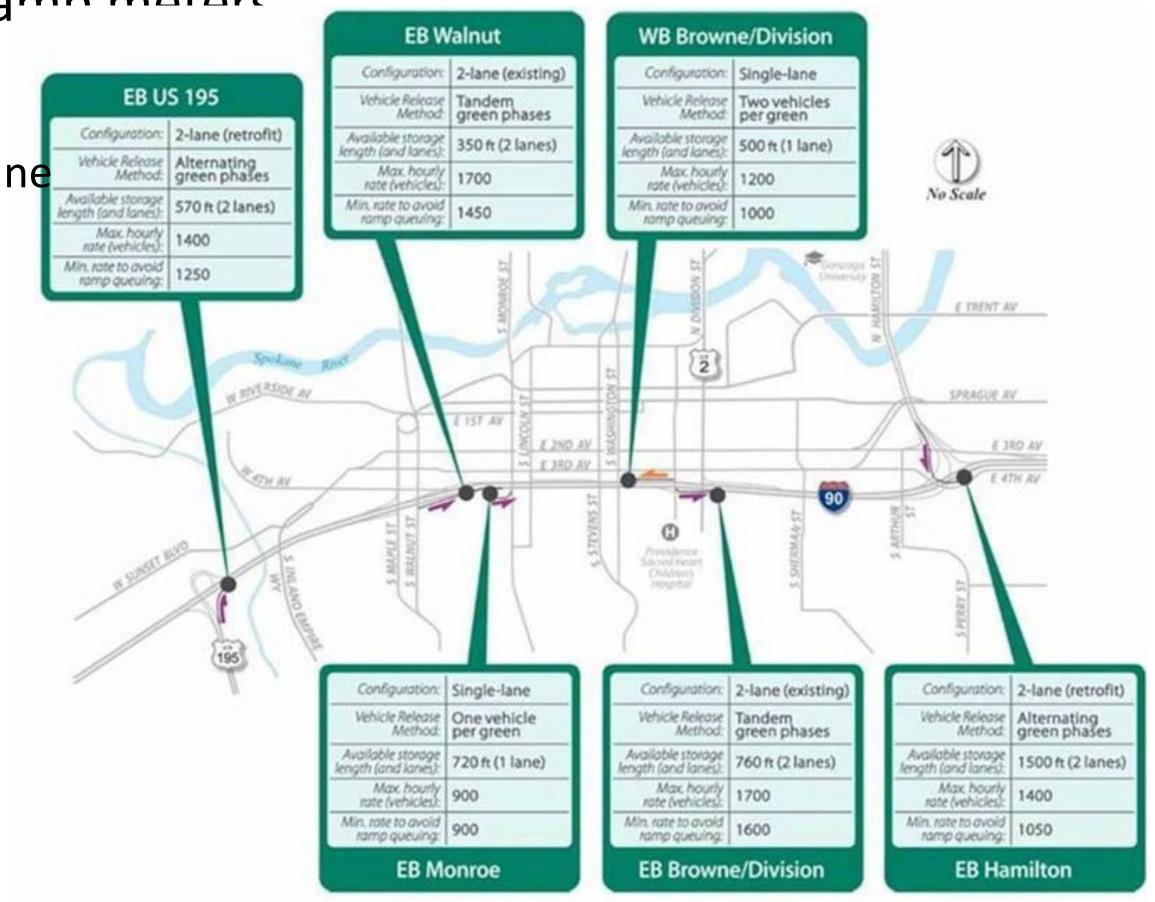
Variable speed limits part of the I-90 study



Ramn matars

8 ramp meters installed in Spokane since 2019

- **EB US 195**
- **EB Walnut**
- EB Monroe
- WB Browne/Division
- EB Browne/Division
- **EB** Hamilton
- EB Geiger
- EB US 2

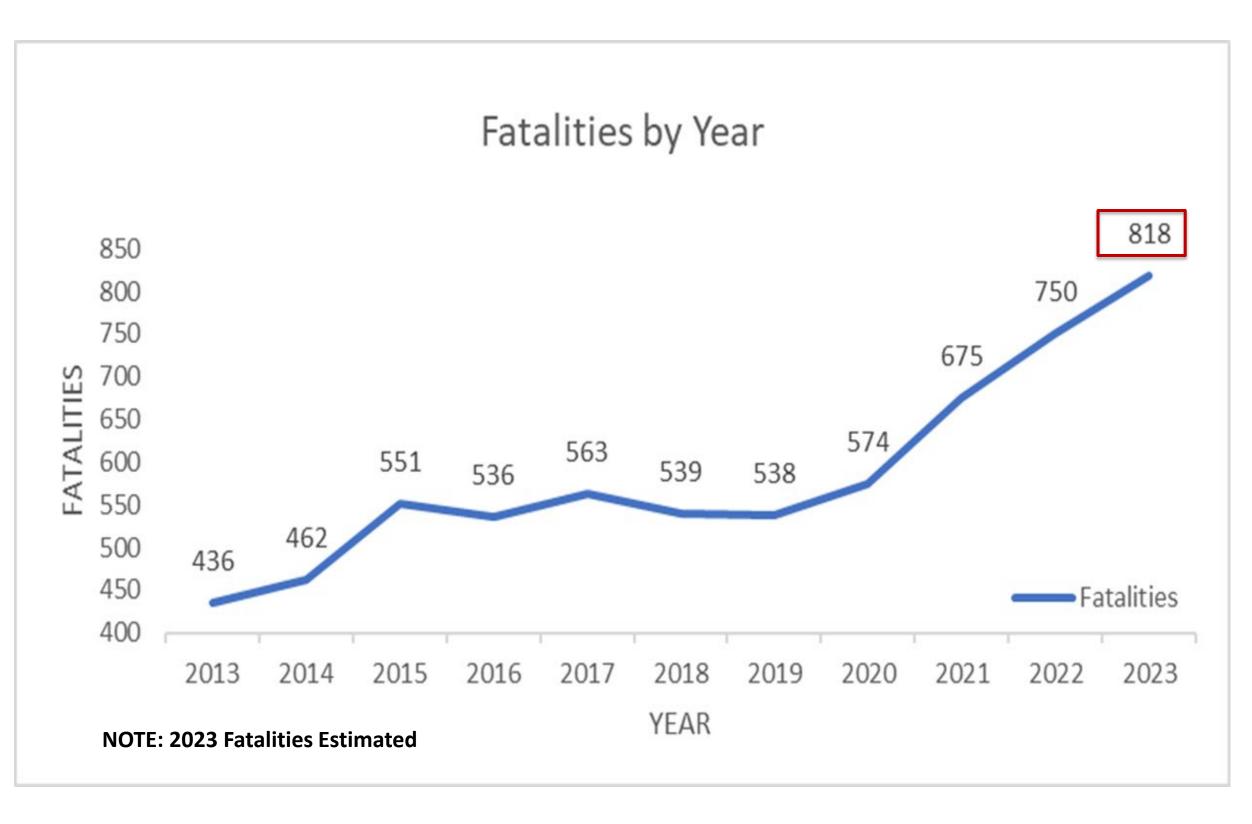


## Safety first, congestion second

- Creates gaps between platoons of vehicles entering I-90
- Creating space allows for safer merging at merge points
- System can adjust flow based on ques at each meter
- Talks to system downstream during congestion/collision



## But we are losing ground in highway safety



- Fatality and serious injuries trend continues upward, especially for vulnerable users
- In 1981 we had 862 fatalities; in 1990 there were 825 fatalities; in 2023 the estimate is 818 fatalities
- Target Zero Plan emphasis areas are trending up
- 72% increase in Fatalities over 10 years
- 172% Pedestrian Fatality increase over 10 years
- Disproportionate outcomes by race

#### Community driven safety projects





J-Turns added at US 2 & Colbert Road in north Spokane after several serious and fatal collisions.

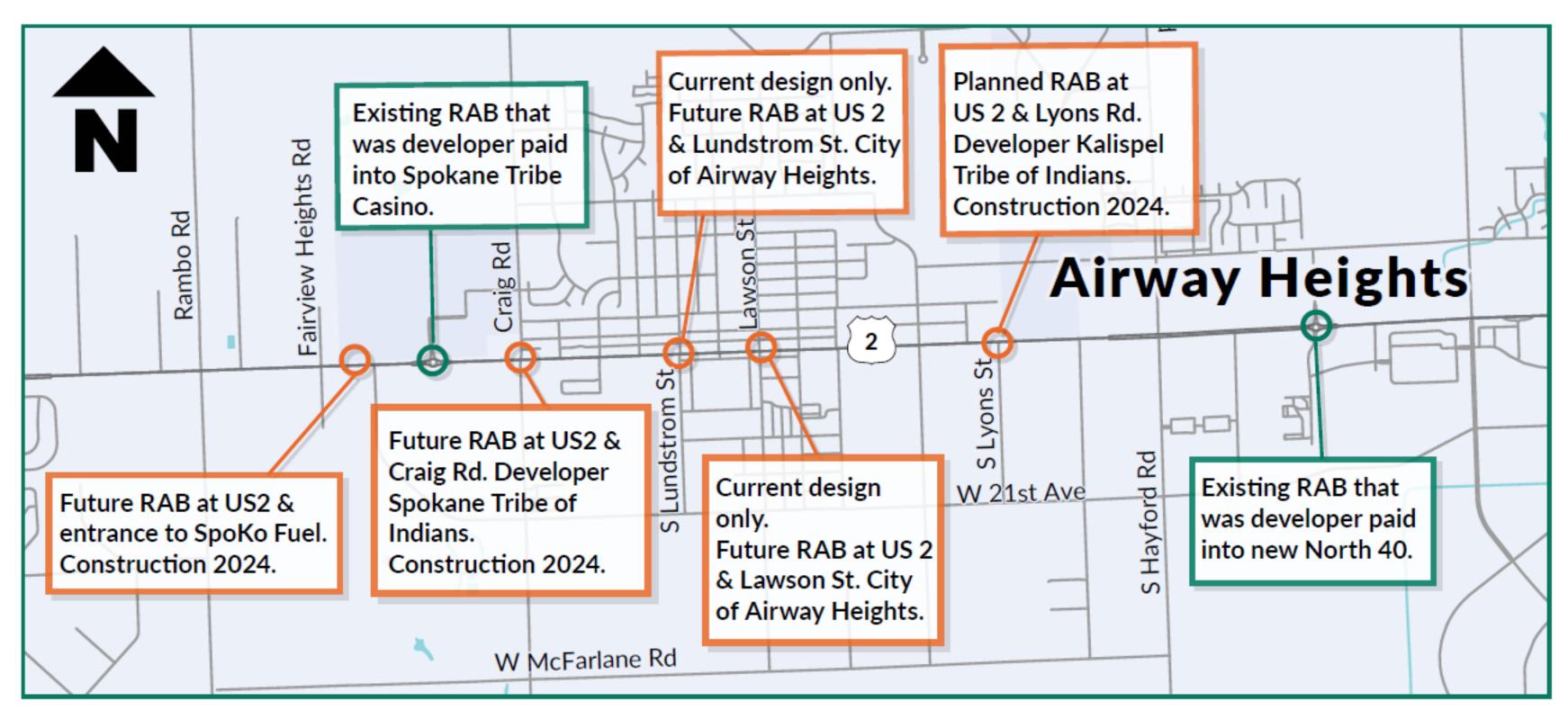
Compact roundabout added at US 395 and State Route 292 interchange in Loon Lake due to previous collisions.

### US 195 Growth



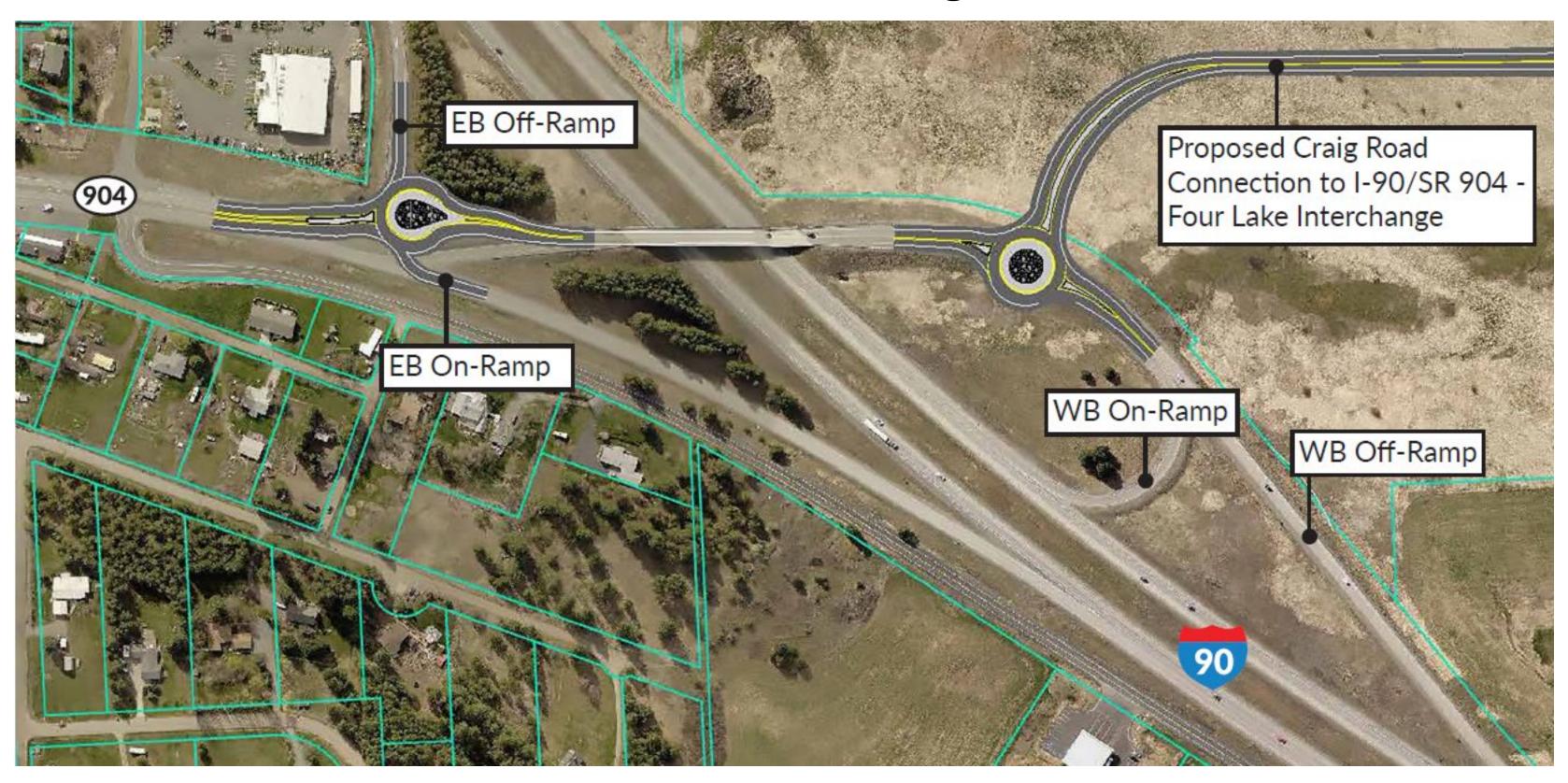
US 195 & Thorpe Road prior to J-Turns in 2019

### US 2 – Airway Heights



Planned construction coming to US 2 corridor in Airway Heights

### I-90/Four Lake Interchange



### PCC Railway Grant

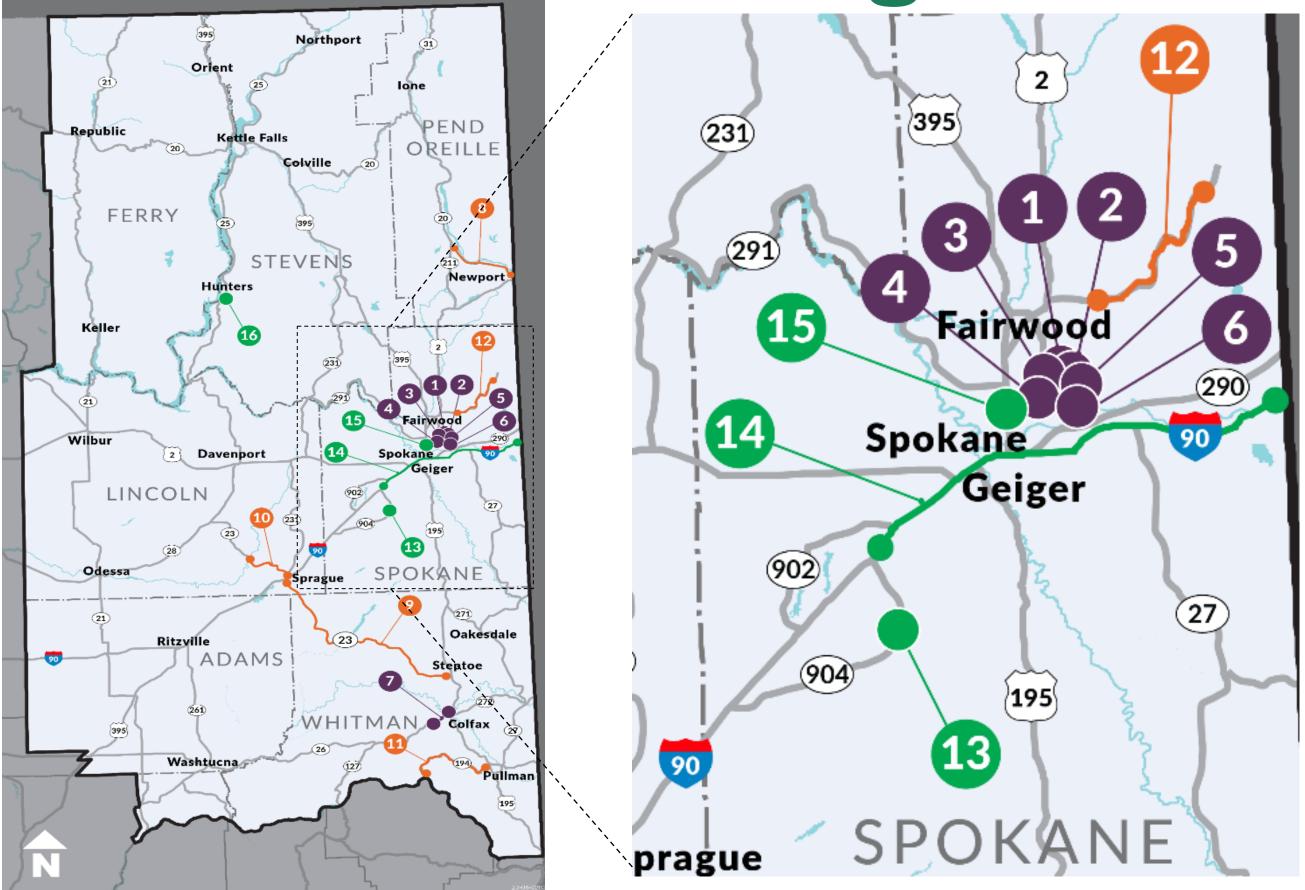


\$72.8 million grant awarded from FRA

## Right of way management



## 2024 to be a bit lighter...



- NSC Spokane River to Columbia Phase 1
- NSC Spokane River to Columbia Shared Use Path
- NCS Spokane River to Columbia Phase 2
- 4 NSC Spokane River Crossing
- NSC Sprague Ave. to Spokane River Stage 2 (Mission to Trent)
- NSC Sprague Ave. to Spokane River Stage 3 (Trent to Sprague)
- Dusty to Colfax –Add fourth climbing lane
- Pend Oreille Mill to Newport Chip Seal
- US 195 to I-90 Chip Seal
- I-90 to Lords Creek Rd Chip Seal
- Almota to US 195 Chip Seal
- Bruce Rd to Mt Spokane State Park -Chip Seal
- 2023 CW Branch SR 904 Betz Road Crossing - PCC
- 1-90 Freeway/Arterial Integrated Corridor Management (Install new cameras & VMS)
- ER TMC Relocation Communication Hub
- 16 Emergency Culvert Replacement







### Investments needed for a State of Good Repair

Asset Category	Replacement Value	Average Annual Need	Current budget annual average spending	Average annual funding shortfall
Highways (includes delivering Complete Streets with preservation funds)	\$148 billion	\$1.52 billion	\$495 million	\$1.02 billion
Multimodal (i.e. Aviation, Public Transportation, Rail)	\$1 billion	\$140 million	\$60 million	\$80 million
Intra-Agency (i.e. IT, Facilities, Fleet, Real Estate)	\$84 billion	\$220 million	\$90 million	\$130 million
Ferries	\$6 billion	\$610 million	\$330 million	\$280 million
TOTAL	\$239 billion	\$2.49 billion	\$975 million	\$1.51 billion

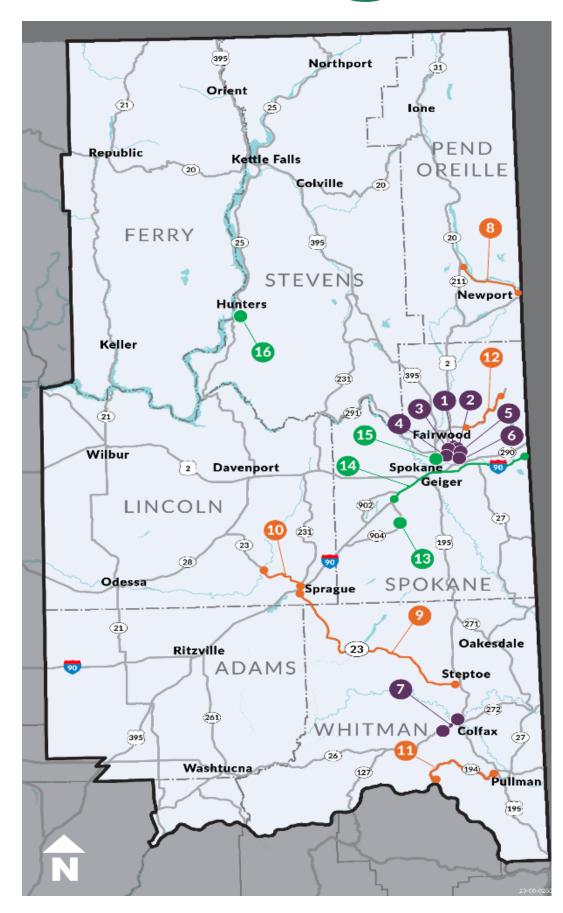
Notes: Figures rounded to the nearest \$5M of \$1B

State of Good Repair funding need is Preservation and Maintenance funding numbers combined.

It is assumed that approximately 50% of the additional Highways Preservation dollars provided by Move Ahead Washington, excluding the funding provided for Highway Maintenance, will be needed to implement the Complete Streets proposal in conjunction with those projects.

The funding numbers above (excluding Replacement Value) represent 10-year annual averages.

## Able to get two projects back



- NSC Spokane River to Columbia Phase 1
- NSC Spokane River to Columbia Shared Use Path
- NCS Spokane River to Columbia Phase 2
- 4 NSC Spokane River Crossing
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- 15 ER TMC Relocation Communication Hub
- 16 Emergency Culvert Replacement

Improvements
Preservation
Other

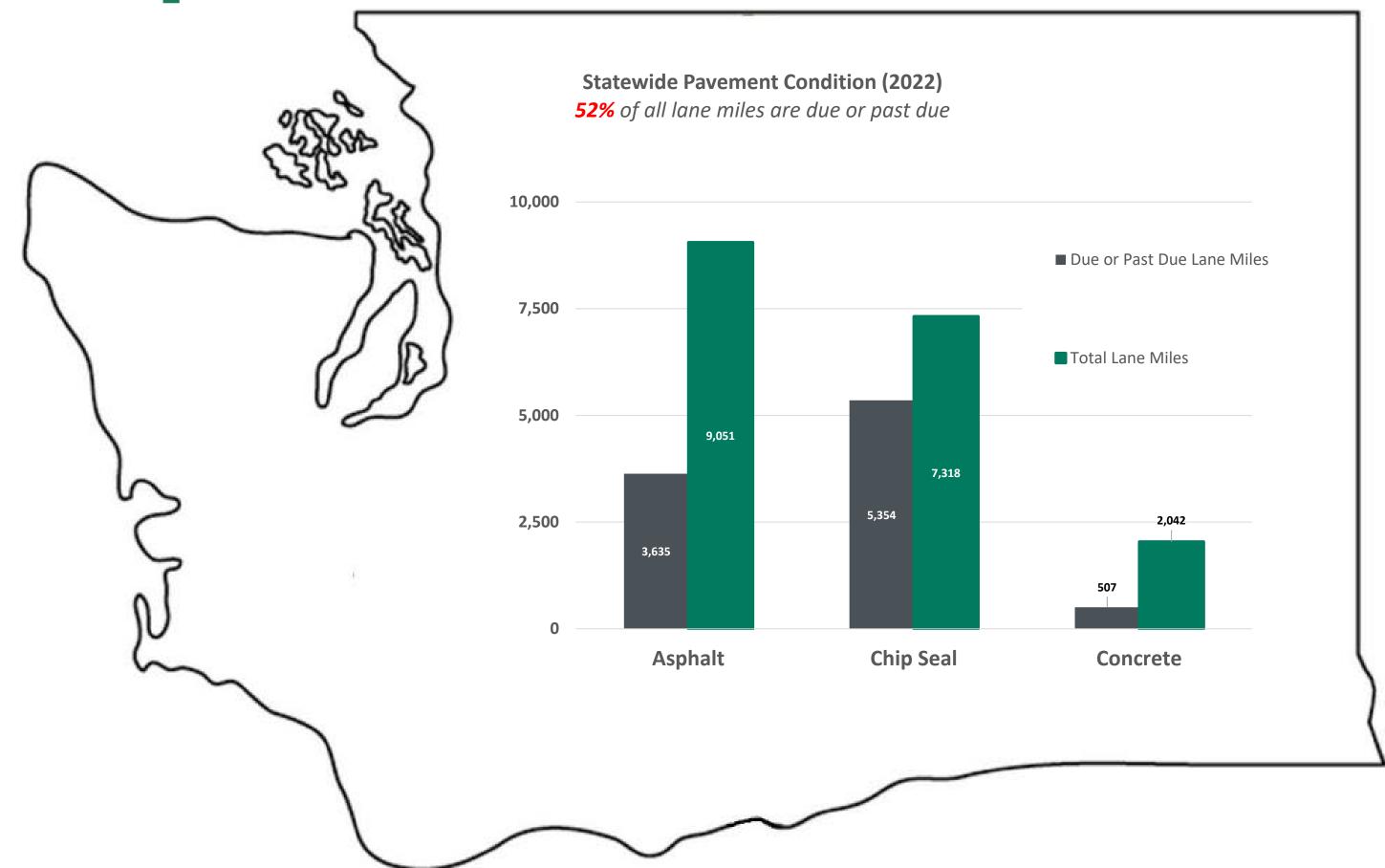
Able to secure funding for one chip seal project.

One emergency culvert replacement also added.

## Other "Ad Ready" projects for 2024

- 2024 Eastern Region Chip Seal (\$7.5M to \$10M)
- SR 25/2 Miles N of Hunters Emergency <u>Culvert Replacement</u> (\$1.3M to \$1.5M)
- US 395/Hatch Rd to Hamilton Rd Paving (\$5M to \$7.5M)
- US 2/Spokane Co Line to SR 211 Paving (\$4M to \$5M)
- SR 20/S Fork Mill Creek Rd to Tiger Paving (\$3M to \$4M)
- US 195/Cornwall Rd to Cheney Spokane Rd NB Lanes Only— <u>Paving</u> (\$4M to \$5M)
- US 395/Lind Coulee Bridge to I-90 SB Lanes Only Paving (\$5M to \$7.5M)
- Eastern Region 2024 Bridge Repair (SR 26/BNRR Crossing <u>Bridge Deck Rehab</u> and I-90/SR 21 Crossings - Bridge Deck Rehabilitation \$3M to \$4M)
- I-90/Guardrail Basic Safety Rehabilitation (\$2.5M to \$3M)

Pavement past due



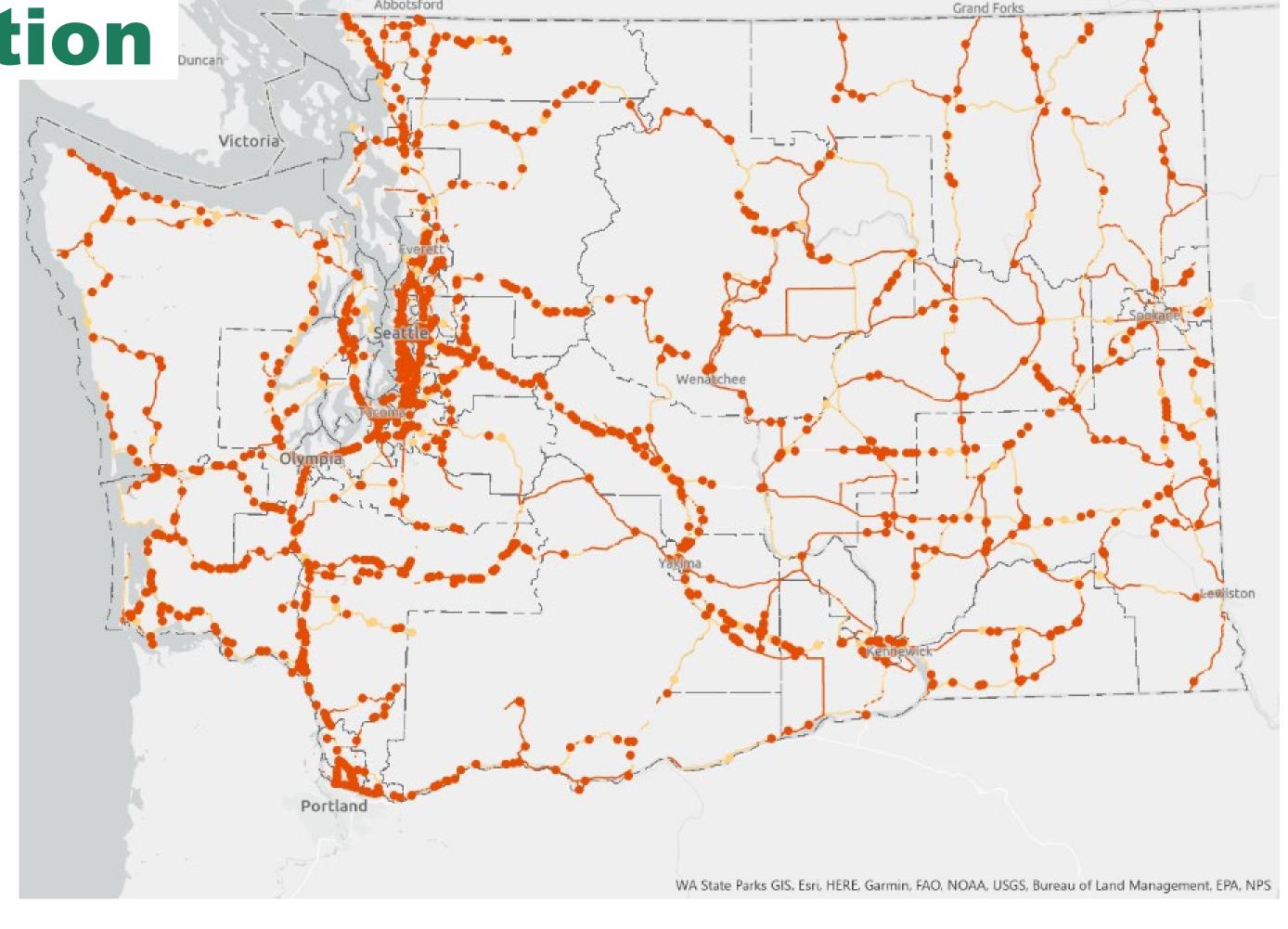
Preservation Duncan Inceds

Bridge - Due Today

Bridge - Due Within Ten Years

Pavement - Due Today

Pavement - Due Within Ten Years



## Bridge closure impacts



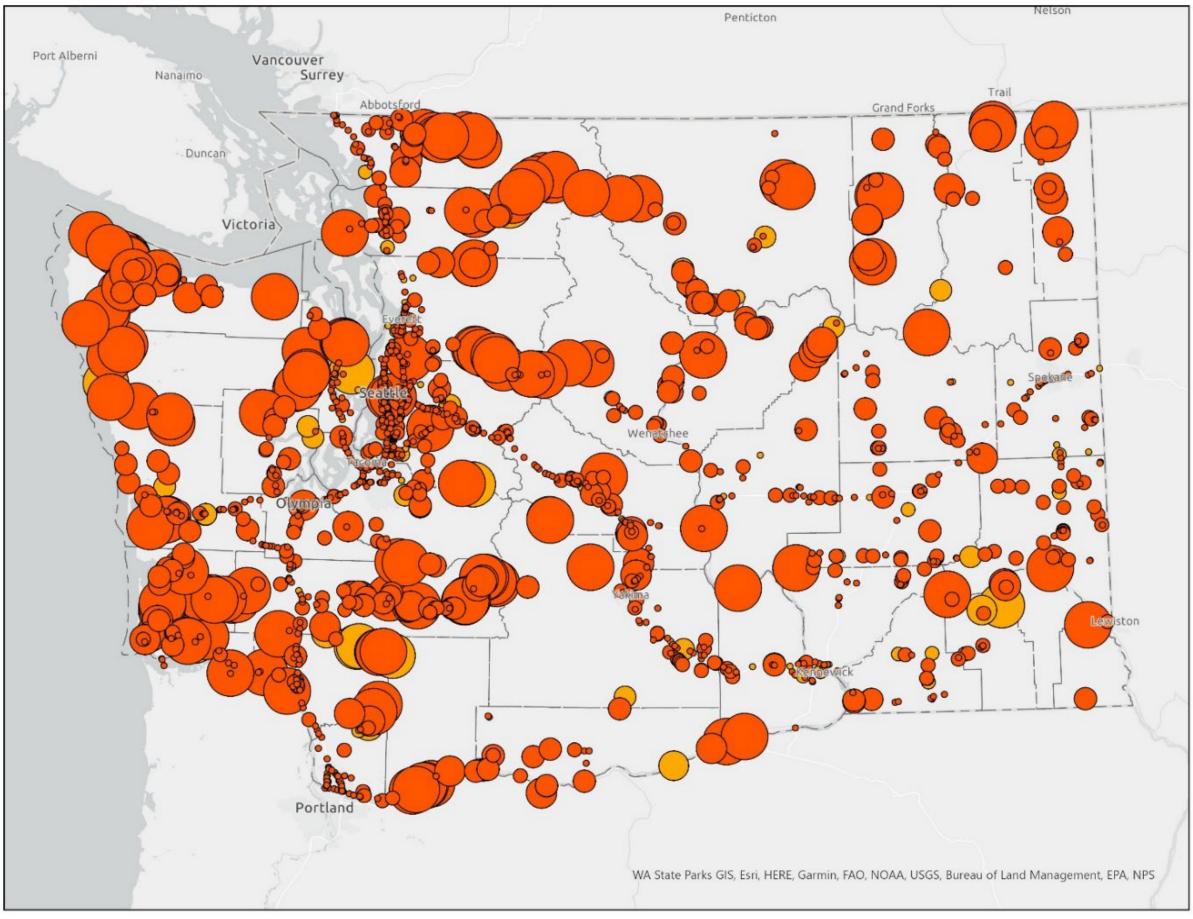
### **Detour Length**

- < 5 Miles</p>
- 5 15 Miles
- 15 40 Miles
- 40 70 Miles
- > 70 Miles

### Bridge Needs - Due Within Ten Years

### Detour Length

- < 5 Miles</p>
- 5 15 Miles
- 15 40 Miles
- 40 70 Miles
- > 70 Miles



### Regional state of preservation

Sum of Lane Miles	m of Lane Miles Column Labels				
Row Labels	ACP	BST	PCCP	Gran	d Total
Far Past Due	107.65	475.94	7.67		591.26
Past Due	138.73	720.39	19.73	*	878.85
Due	195.93	639.70	30.18		865.81
Near Future Due	167.98	363.98	21.44		553.40
Future Due	600.86	0.40	167.51		768.77
<b>Grand Total</b>	1,211.15	2,200.41	246.53	3	,658.09

Number of miles anticipated be paved between 2023-2028

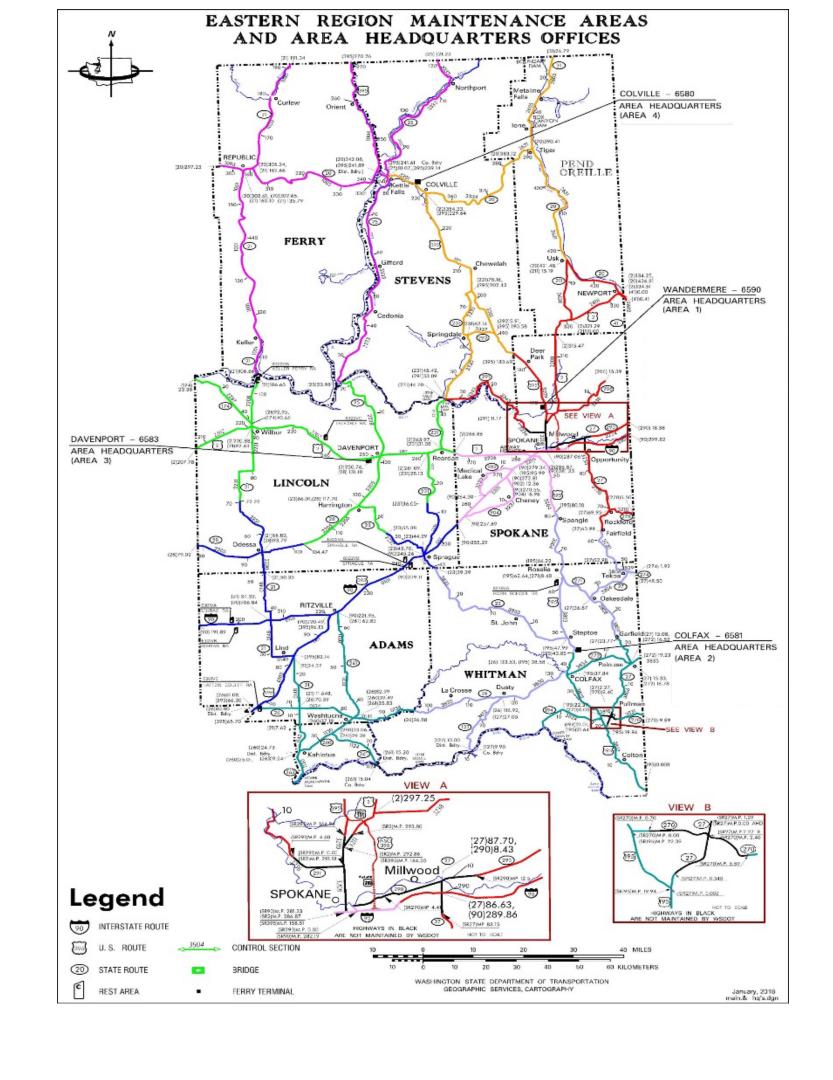
Miles 2023-28	ACP	BST	PCCP	<b>Grand Total</b>
Far Past Due	35.73	236.44	1.98	274.15
Past Due	81.66	556.25	0.10	638.01
Due	126.50	93.44	0.10	220.04
Near Future Due	65.73	28.16	0.63	94.52
Future Due	23.01	0.20	0.00	23.21
<b>Grand Total</b>	332.63	914.49	2.81	1,249.93

- \* Total sum of due or past due lanes miles 2,335.92
- \$25 million additional per year, for six years to catch us up to a state of good repair.
- \$100 million per year after to keep us in a state of good repair.

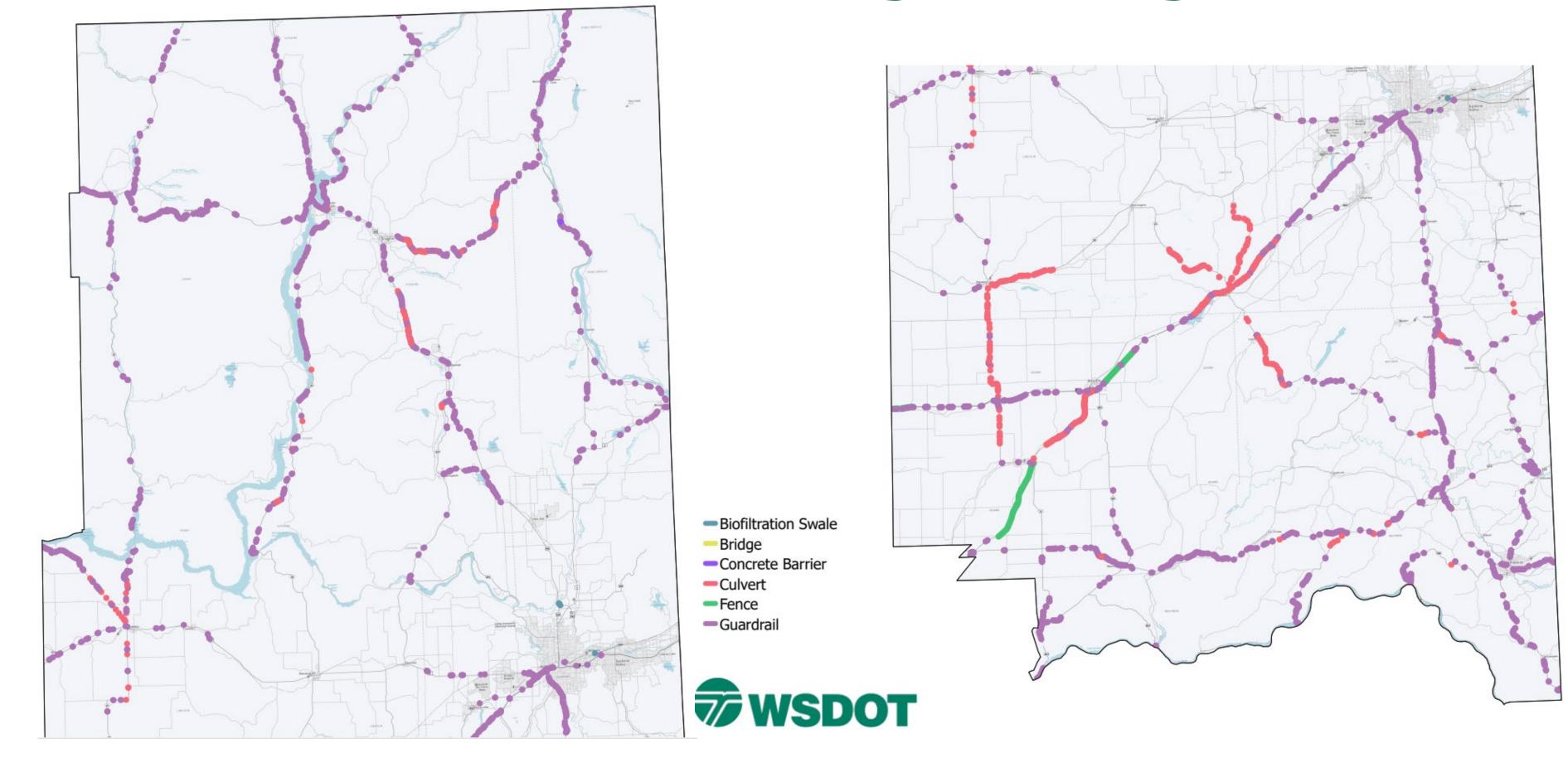
## Region overview

- Highway Lane Miles 3,885
- Total Bridges 465
- State operated airports 2
- 499 employees (as of Jan. 10, 2024)
- 4 main area maintenance facilities
  - 21 staffed maintenance sheds
- Approx. 100 pieces of snow fighting equipment
- 4 Tow Plows

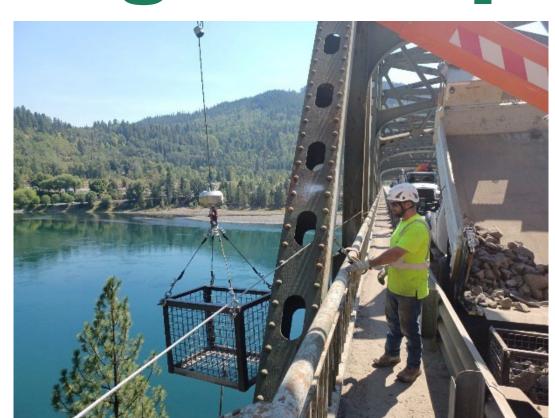




## Maintenance is always busy



# Responsibility to keep system in "state of good repair" falls on maintenance





Erosion control on SR 25/Northport



Bank stabilization on SR 21



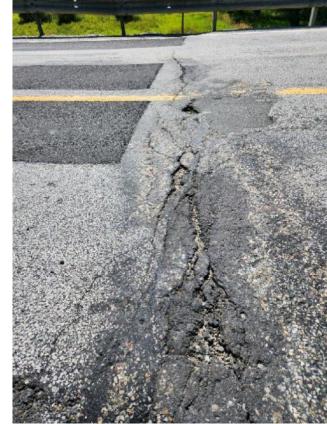


Gray Fire emergency response

## Our system is at risk of failure

















## System becoming less resilient

Concrete buckled on US 195
near Rosalia on August 14,
2023.



## SR 25 - Northport Bridge



- Bi-annual inspection uncovered severe erosion near footings of the bridge.
- Further erosion could've led to closure of the bridge.
- Maintenance began repair Monday, August 14

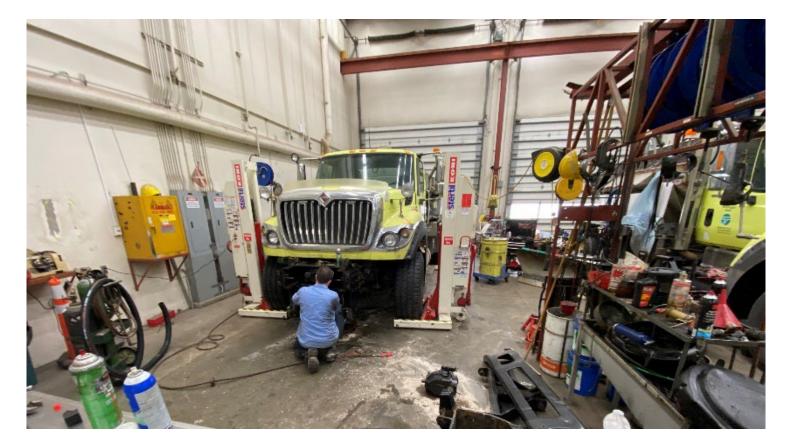


### Examples of backlog

30% of WSDOT's maintenance fleet has served well beyond normal lifecycles; crews rent equipment, borrow from other regions or delay work without the tools to do the job.





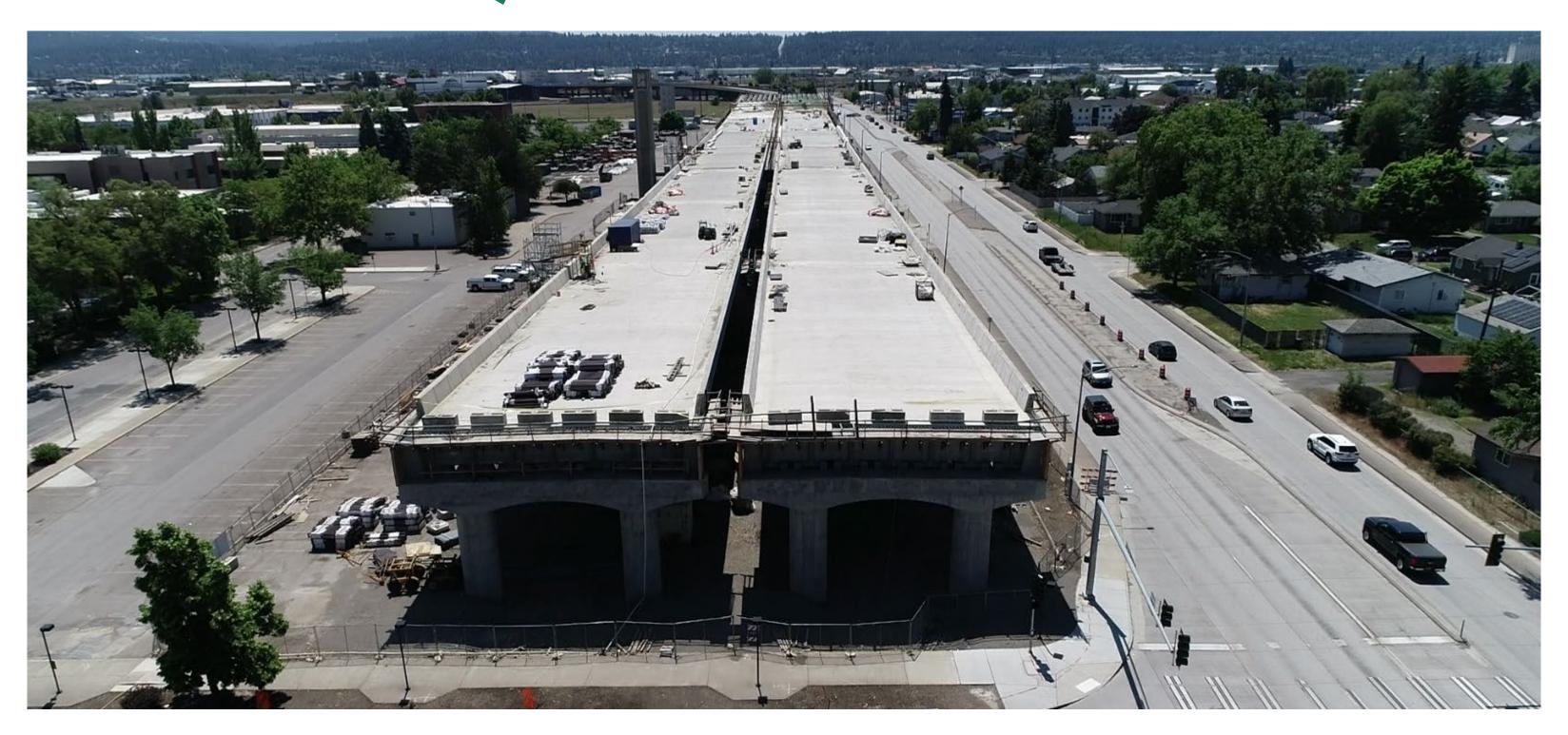


Lack of maintenance funding led to a pedestrian bridge being removed over I-90 in Spokane after it was deemed unsafe due to failing hinge points.

### **Priorities Summary**

- 1. Employee **SAFETY**
- 2. Finish what is underway
- 3. Assist in future investment discussions
- 4. System user safety
- 5. Stewards of what we have

## Questions?



Todd V. Trepanier, todd.trepanier@wsdot.wa.gov



## DATA Project Update

Board of Directors Meeting Agenda Item 6 | Page 24

March 14, 2024

## Project Origin

- SRTC Board Strategic Plan
- \$1M in Surface Transportation Block Grant (STBG) funding to improve the agency's ability to apply data to the long-range planning process.

## Project Design

- Phase I: Evaluation and Design
- Phase II: Implementation

## Member Agency / Stakeholder Input

- Stakeholder Questionnaire
- Stakeholder Listening Sessions
- Interactive Website
- 3-meeting series to recommend investments

## Project Implementation

**Task 1: Household Travel Survey** 

**Task 2: Passive Data** 

**Task 3: Traffic Counts** 

**Task 4: Model Updates** 

**Task 5: Land Use Allocation Tool** 

Task 6: Online Data Hub

## Household Travel Survey

- data necessary for a credible, analytically valid travel demand model
- benefits beyond the travel demand model – useful for other regional and local planning applications too
- helps policymakers understand region-specific travel behaviors



SPOKANE REGIONAL TRANSPORTATION COUNCIL | 491 W Remaids Ave Suite 500 | Spokane WA 99901

<Letter Date>

- <First and last name/City name resident>
- <Street Address 1>
- <Street Address 2>
- <City, State < #####>

The Spokane Regional Transportation Council (SRTC) is inviting you to participate in the Spokane Regional Transportation Study. We are conducting this survey to collect accurate information about residents' day-to-day travel throughout the region.

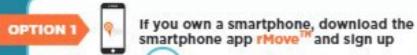
By taking part, you'll help us understand how local roads, highways, public transportation, bike lanes, and sidewalks are used today, and how they can be improved to make travel better in the future. We want to hear from you even if you don't travel often. Your input will have a big impact because only a limited number of households have been invited to participate in the survey. Follow the instructions below to sign up today. Your voice can shape the future of your community.

Signatory Signatory Title

Spokane Regional Transportation Council

### **GET STARTED TODAY**

INVITATION ACCESS CODE: XXXXXXXXX



Tell us about your travel for 7 Days Receive \$XX per adult after completing the survey



If you don't own a smartphone, sign up at SpokaneTransportationStudy.com

or call 1-XXX-XXX-XXXX

Tell us about your travel for 1 Day Receive \$XX per household after completing the survey

#### You can also participate in Russian, Spanish, Vietnamese, and Chinese by calling XXX-XXXX toll-free.

№ 10.0 (17) — Приглашаем Вас пройти опрос на тему используемых способов передвижения. Приняв участие в этом опросе, Вы поможете упучшить транспортную инфраструктуру в своем сообществе. После полного прохождения опроса в знак благодарности мы отправим Вам подарочную карту. Для регистрации посетите веб-сайт SpokaneTransportationStudy.com или позвоните по номеру XXX-XXXX.

Securió I – Lo(a) invitamos a responder una encuesta sobre como viaja usted. Al participar, puede ayudamos a mejorar las opciones de transporte de su comunidad. Una vez que haya respondido la encuesta, le enviaremos una tarjeta de regalo a modo de agradecimiento. Para inscribirse, visite SpokaneTransportationStudy.com o llame al XXX-XXX-XXXX.

13.10 M3.1 — Chúng tôi môi quý vị hoàn thành một cuộc khảo sát về cách quý vị đi chuyển. Bằng việc tham gia khảo sát này, quý vị có thế giúp chúng tối cải thiện các lựa chọn về giao thông trong cộng đồng của quý vị. Sau khi quý vị hoàn thành khảo sát, chúng tối sẽ gửi cho quý vị một thế quá tặng để thay lời cảm ơn. Để đặng kỳ, xin vui lòng truy cập SpokaneTransportationStudy.com hoặc gọi XXX-XXX-XXXX.

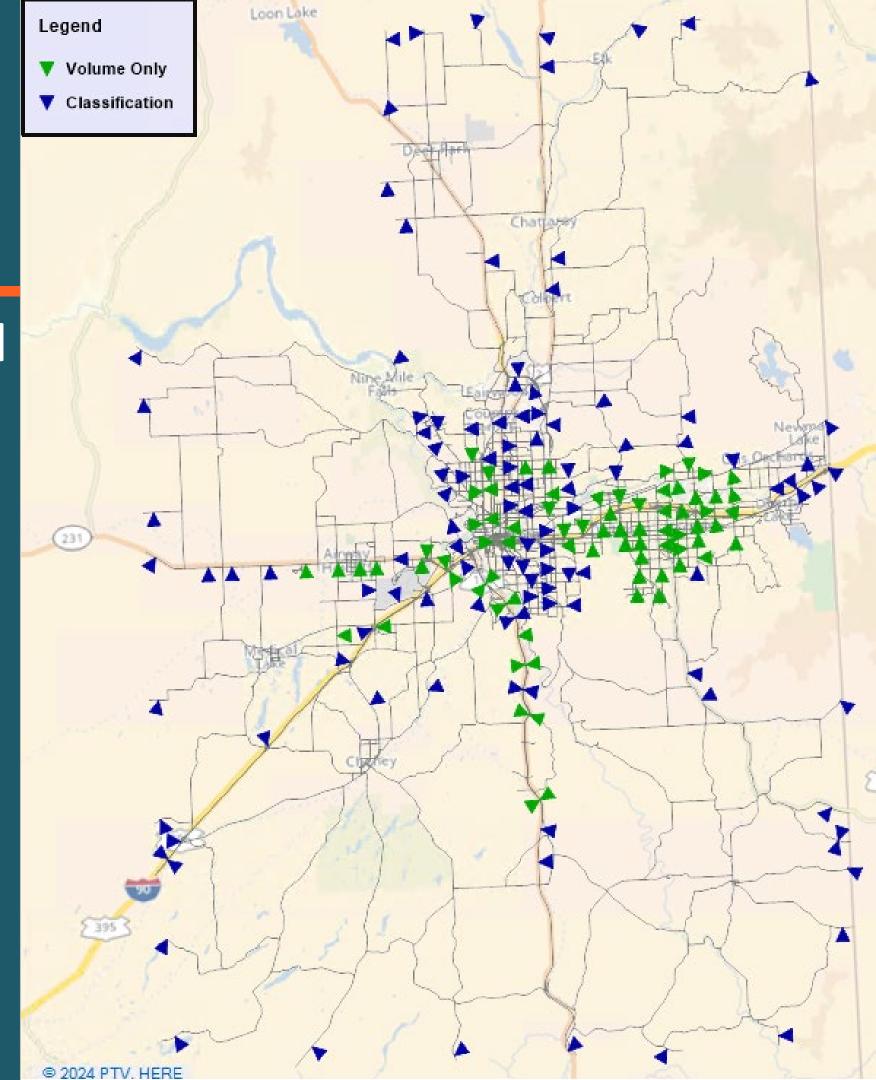
Learn more at SpokaneTransportationStudy.com or by calling 1-XXX-XXX-XXXX

## Passive Data

- cost effective data source to compliment smaller sample HHTS
- supports SRTC's responsibilities to monitor and report on regional system performance trends

## Traffic Counts

- necessary for travel demand model validation
- needed to address gaps in data currently available from partner agencies



## Model Updates

- Used to forecast future travel behavior
- Can be used to evaluate how investment choices will impact future conditions
- Central to regional long range planning efforts
- Can be post processed for use at different resolutions

## Land Use Allocation Tool

- streamlines land use data inputs to the travel demand model
- makes more frequent model updates possible
- modest-cost tool to help agencies allocate their future population and employment projections to TAZs
- keeping land use information more current was a need expressed by several stakeholders

```
# EAD_df['SRIC_LU'] = EAD_df['SRIC_LU'].apply(lambda x: 'EMP_SRIC_LU_%s' %x)

EAD_col = EAD_df.columns

# Plot EAD by lat lon

EAD_gdf = gpd.GeoDataFrame(EAD_df, geometry = gpd.points_from_xy(EAD_df.lon, EAD_df.lat))

EAD_gdf = EAD_gdf.set_crs(spatial_ref_latlon).to_crs(spatial_ref) # Convert projection

# Spatial join EAD to TAZ

gdf_join = EAD_gdf.sjoin(TAZ_gdf, how = 'left')

# ESD dataframe with LU and TAZ information

df_join = pd.DataFrame(gdf_join.drop(columns = 'geometry'))

# df_join ['SRTC_LU'] = df_join['SRTC_LU'].fillna(0)
```

## Online Data Hub

- supports SRTC's public information obligations
- data visualization helpful for policy makers
- makes extremely technical model outputs consumable by non-technical audiences

### **SRTC Regional Data Hub**

The SRTC Regional Data Hub provides data and information about the Spokane region. Through this site you can view available datasets, explore interactive web maps, access PDF maps, and download data.



### **Explore Data by Category**









Roadways

Active Transportation

Transit

Freight







Safety







System Performance



Modeline



Land Use



Demographics



Economic









Equity

Boundaries

Plannin

All Data





# 2025 Unified List Development & Project Evaluation Criteria

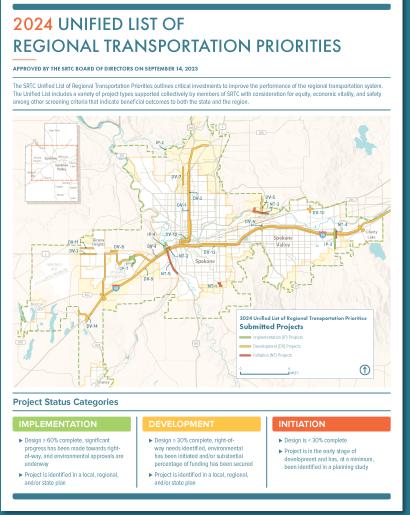
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March 14, 2024

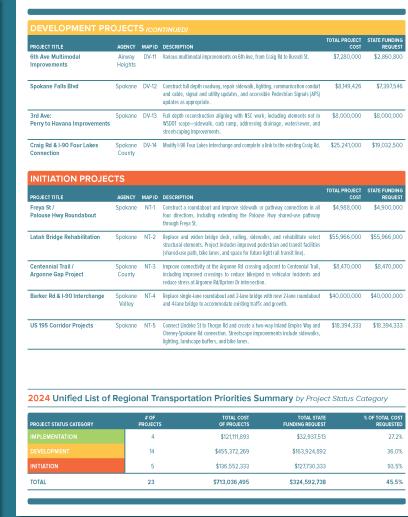
## **Unified List Purpose**

The Unified List is a strategic tool used to communicate current regional transportation priorities to legislators for potential funding opportunities.





IMPLEMENTATION I	PROJE	CTS			
PROJECT TITLE	AGENCY	MAP ID	DESCRIPTION	TOTAL PROJECT COST	STATE FUNDING REQUEST
From Interstates to Airways: Spotted Rd & Airport Dr Safety & Multimodal Improvements	SIA	IP-1	Construct a grade-separated interchange at Spotted Rd over Airport Dr and relocating Spotted Rd outside of the Runway Protection Zone for the Airport's primary instrument runway.	\$37,217,324	\$3,000,000
STA Fleet Electrification	STA	IP-2	Purchase of battery-electric buses (BEB) and required infrastructure to reach the 40 vehicle capacity at the Boone NW Garage and the required infrastructure.	\$38,800,000	No State Request
South Barker Rd Corridor	Spokane Valley	IP-3	Widen & reconstruct Barker Rd to a 5-lane urban arterial (Mission to Appleway), a 3-lane urban arterial (Appleway to city limits) and add roundabouts at Sprague, 4th, and 8th aves.	\$28,620,000	\$15,338,700
Fish Lake Trail Connection Phases 1-3	Spokane	IP-4	Construct a shared-use path connecting the existing Fish Lake Trail to Centennial Trail.	\$19,474,569	\$14,598,813
DEVELOPMENT PRO	OJECT	S			
PROJECT TITLE	AGENCY	MAP ID	DESCRIPTION	TOTAL PROJECT COST	STATE FUNDING REQUEST
Division St Active Transportation Access Improvements	Spokane	DV-1	Install parallel and connecting active transportation improvements along the Division Corridor to support safe first/last mile bike/ped connections to BRT stations.	\$25,800,000	\$25,800,000
US Hwy 2 Multimodal Improvements	Airway Heights	DV-2	Add pathways and sidewalk, improved pedestrian crossings, traffic calming, transit stations, and roundabout traffic control.	\$24,480,200	\$21,467,200
Division Bus Rapid Transit (BRT)	STA	DV-3	Enhances transit along corridor w/more frequent service, transit signal priority, all-door boarding, and dedicated business access and transit lanes (BAT) for more than half the corridor.	\$202,000,000	No State Request
I-90 / Valley High Performance Transit (HPT)	STA	DV-4	Revise to a HPT corridor, from West Plains/SIA to Spokane Valley and Liberty Lake, Construct two new park & rides (Appleway Station and Argonne Station) and modify Mirabeau Point Park & Ride.	\$36,000,000	No State Request
Argonne Rd Safety Improvements	Spokane County	DV-5	Reconstruct Argonne Rd/Upriver Dr Intersection, upgrade bike/ped and ADA connections, and add safety improvements at Wellesley Ave Intersection.	\$7,280,000	\$6,680,000
Argonne Bridge at I-90	Spokane Valley	DV-6	Widen or replace existing Argonne Rd bridge over I-90, including the addition of a third travel lane and shared use path.	\$24,000,000	\$22,500,000
Wall St Safety & Capital Improvements	Spokane County	DV-7	Project includes pavement restoration, stormwater infrastructure, new sewer force main, and pedestrian crossing and intersection improvements at Country Homes Blvd.	\$15,490,000	\$7,490,000
West Plains Connection - Spokane Phase	Spokane	DV-8	Extend existing roadway as a two-lane boulevard or three-lane urban collector for a total of 3.65 miles, adding bicycle lanes, separated sidewalks, multi-use paths, and transit stops.	\$4,877,622	\$4,877,622
I-90 TSMO Improvements	WSDOT	DV-9	Various TSMO improvements from SR 904 to Idaho state line, such as variable message signs, ramp meters, variable speed limits, queue warning detection, and wrong way detection.	\$24,000,000	\$2,640,000
Sullivan / Trent Interchange	Spokane Valley	DV-10	Reconstruct Sullivan Rd/SR 290 interchange, including on/off ramps, to restore long-term capacity and satisfy projected traffic growth from 2022 Bigelow Guldt-Forker Road connection.	\$42,774,021	\$35,179,224





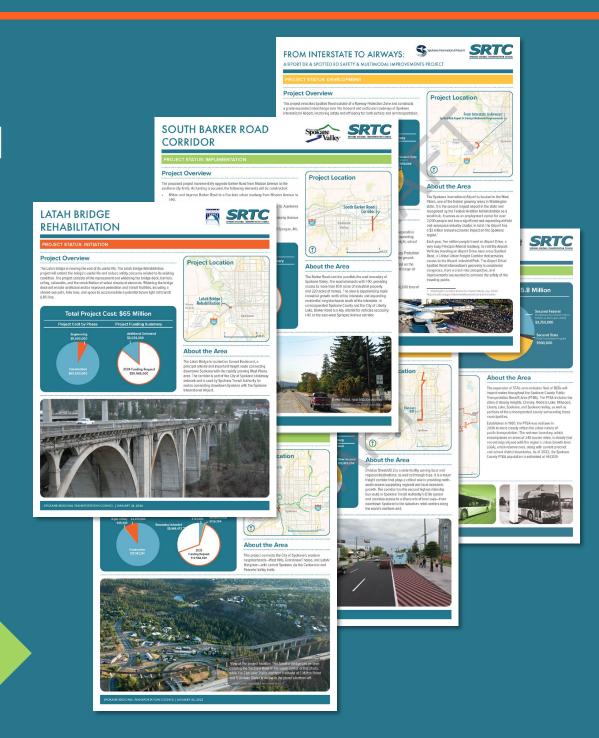
## **Unified List Process**

- Updated annually.
- New projects added as projects are funded and move off the list.

Initiation

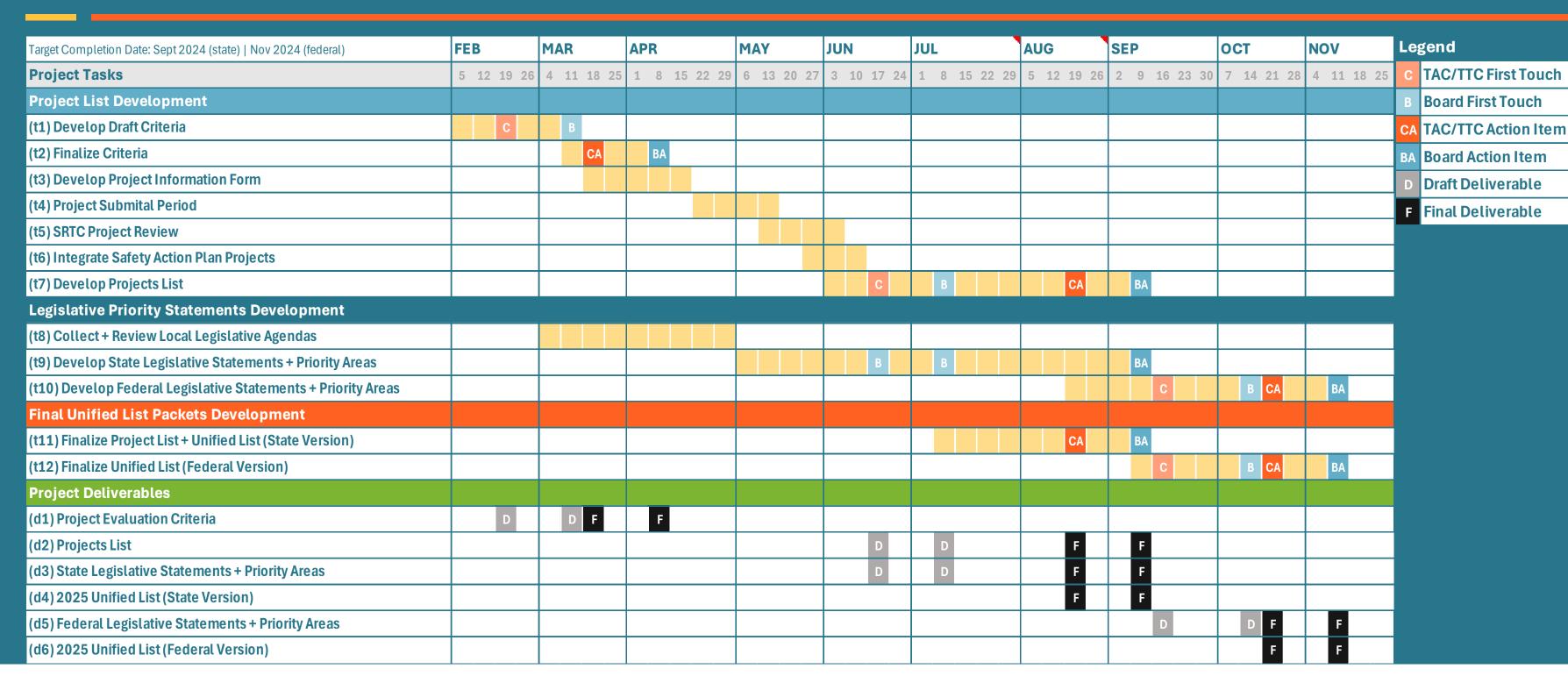
**Development** 

**Implementation** 





# 2025 Unified List Development Schedule





# Key Dates

- 4 Week Project Submittal Period
- > April 22 through May 17
- 3 Week SRTC Project Review
- May 20 through June 7

## **Draft List**

> June (TTC/TAC), July (SRTC Board)

## **Final List**

- > State Version: Aug. (TTC/TAC), Sept. (SRTC Board)
- > Federal Version: Oct. (TTC/TAC), Nov. (SRTC Board)





# Project Evaluation Criteria



Unified List of Regional Transportation Priorities





## **Project Evaluation Criteria**



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

► Proposed revisions to criteria shown in RED

30 POINTS

## **ECONOMIC VITALITY**

Targets transportation investments aimed at the development of a multi-modal system that enhances accessibility and connections among regional activity centers.

### Question 1A (5 points)

▶ Does the project provide access within or between two or more regional/local activity centers?

### Question 1B (5 points)

► If yes to 1A, does the project either: (A) contain active transportation or transit-supportive elements and improve access in a transit focused, mixed focus, or local activity center; or (B) contain freight-supportive elements and improve access in a freight or mixed focus activity center?

### Question 2 (10 points

▶ What is the forecasted 2045 employment density of transportation analysis zones (TAZ) within a 0.25 mile buffer of the project?

### Question 3 (10 points)

▶ Is the project located on the FGTS? \*Points scaled based on FGTS classification—T-1 through T-5.

30 POINTS

## **COOPERATION & LEADERSHIP**

Relates to SRTC's role as a regional forum to identify regional transportation needs, establish priorities, and develop strategies to acquire funding in accordance with federal and state planning requirements.

### Question 1 (15 points)

▶ Is the project identified in the local TIP (or Transit Development Plan) and/or Comprehensive Plan?

### Question 2 (15 points)

▶ Is the project identified in other agency plans and/or has it gone through a documented public outreach process?

30

### **STEWARDSHIP**

Emphasizes transportation investments that maximize positive impacts on the human environment while minimizing negative impacts to the natural environment

### Question 1 (10 points)

▶ Does the project incorporate electrification or other clean fuel strategies?

## Question 2 (10 points)

▶ Does the project increase resilience by adding redundancy in areas of limited connectivity?

### Question 3 (10 points)

▶ Does the project reduce air quality emissions or VHT/VMT? \*This question relates to the State Vehicle Miles of Travel Targets Provisi

2025 Unified List of Regional Transportation Priorities | Project Evaluation Criteria

IG 3

## **OPERATIONS, MAINTENANCE & PRESERVATION**

Involves strategically investing limited resources to maximize the operations and physical condition of the transportation network

#### Question 1 (10 points

▶ Does the project incorporate TDM/TSMO solutions or improve capacity without adding travel lanes or roadways? "Citieng relates to federal transportation performance management (TPM) requirements

#### Question 2 (10 points

▶ Does the project improve NHS pavement/bridge condition or contributes to STA's adopted public transit asset management targets? \*Criteria relates to federal TPM requirements

#### Question 3 (10 points)

▶ Does the project address a need identified in the SRTMC ITS Architecture Plan, SRTMC Implementation Plan, or local technology plan?

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## SAFETY & SECURITY

Focuses on designing a safe and segure system for all transportation modes through hest-practice design, operational improvements, education and outreach, and technological strategies

#### Question 1 (15 points)

Is the project identified in a state or local plan, or an approved prioritized list of safety projects? Does the project address an identified safety need in the Regional Safety Action Plan?

#### Question 2 (15 points)

What countermeasures does the project incorporate to address crashes that result in serious or latal injury? If the project is a transit project, how does it contribute to STA safety targets? Does the project incorporate countermeasures to address safety issues on the High Injury Network, as identified in the Regional Safety Action Plan? Or, if the project is a transit project, does it contribute to STA safety targets?

30 POINTS

## **QUALITY OF LIFE**

Aims to improve choice and mobility by providing safe and convenient transportation options for people of all abilities

### Question 1 (10 points

Is the project on the Regional Bicycle Priority Network and does it have a active transportation element(s); or does the project add a new pedestrian connection or feature beyond what is required for ADA compliance?

### Question 2 (10 points)

s the project on the Regional Transit Priority Network and does it have a transit-supportive element(s)? \*Examples include new/enhanced transit, bus stops, AT facilities, pavement work, signal improvements, TSMO improvements

## Question 3 (10 points)

Does the project extend or fill gap in one of the regional trails, or provide new active transportation connectivity to one of the regional trails? \*Regional trails: Centennial, Children of the Sun, Ben Burr, Fish Lake, Millwood, and Applew

30

## EQUITY \*These criteria directly relate to the federal planning factor for equity, the Justice 40 initiative, and the state HEAL Act.

Addresses protecting disadvantaged communities from disproportionately high adverse impacts, while equitably distributing the benefits of transportation investment

### ▶ Does the project dir

Does the project directly benefit residents in an area of potential dispartities?

### If yes to question one

Question 3 (10 points)

### Question 3 (10 points)

▶ Does the project incorporate appropriate countermeasures to address safety issues on the High Injury Network, or contribute to STA safety targets, in an area of potential disadvantage or an area rated 7 or higher for overall environmental health disparities?

### Question 4 (10 points 5 points

▶ Does the project provide access, or increase transit frequency, between an area of potential disadvantage or an area rated 7 or higher for overall environmental health disparities and local/regional activity centers?

Unified List of Regional Transportation Priorities | Project Evaluation Criteria



# Safety Criteria Change #1

## 2024 Criteria

Is the project identified in a state, regional, or local safety plan, or an approved prioritized list of safety projects?

## **Proposed 2025 Criteria**

Does the project address an identified safety need in the Regional Safety Action Plan (RSAP)?



# Safety Criteria Change #2

## 2024 Criteria

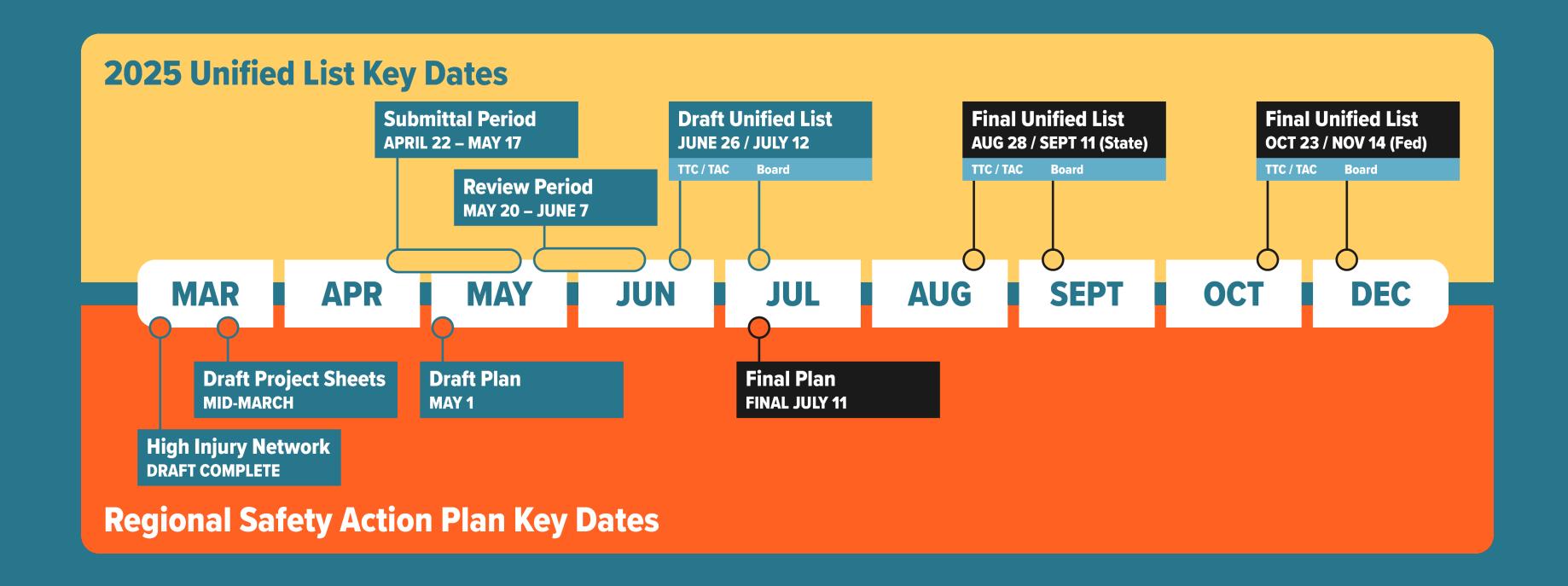
What countermeasures does the project incorporate to address crashes that result in serious or fatal injury? Or, if the project is a transit project, how does it contribute to STA safety targets?

## **Proposed 2025 Criteria**

Does the project incorporate countermeasures to address safety issues on the High Injury Network, as identified in the RSAP? Or, if the project is a transit project, does it contribute to STA safety targets?



# Schedule Alignment





# Safety Criteria Options

## **Option A: Use Current Safety Criteria**

 Use the current safety criteria for the 2025 Unified List and plan to update next year's criteria, based on the RSAP.

## **Option B: Use Revised Safety Criteria**

- Use draft High Injury Network and regional safety needs for the project submittal process.
- SRTC staff updates safety criteria scores, as needed based on changes between the draft and final RSAP, prior to presenting the final 2025 Unified List at the August 28 TAC and TTC meetings.

## **Option C: Hybrid Approach**



# **Equity Criteria Change #1**

## 2024 Criteria

New criteria, does not replace or modify an existing question.

## **Proposed 2025 Criteria**

• If yes to question #1\*, has the project gone through a documented public outreach process, or has targeted engagement been conducted, with communities of potential disadvantage?

\*Equity Criteria Question #1: Does the project directly benefit residents in an area of potential disadvantage, or an area rated 7 or higher for overall environmental health disparities?



# **Equity Criteria Change #2**

## **Proposed 2025 Criteria**

 Does the project incorporate appropriate countermeasures to address safety issues on the High Injury Network\*, or contribute to STA safety targets, in an area of potential disadvantage or an area rated 7 or higher for overall environmental health disparities?

\*Proposed change awards points only to projects located both in equity areas and on the High Injury Network to emphasize projects in locations with the most significant existing safety concerns, based on analysis performed as part of the Regional Safety Action Plan.



# Next Steps

Return in April to request approval of the 2025 Unified List Project Evaluation Criteria.





# Freight Mobility Strategic Investment Board (FMSIB) Priority Freight Funding Opportunity

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March 14, 2024

# Overview

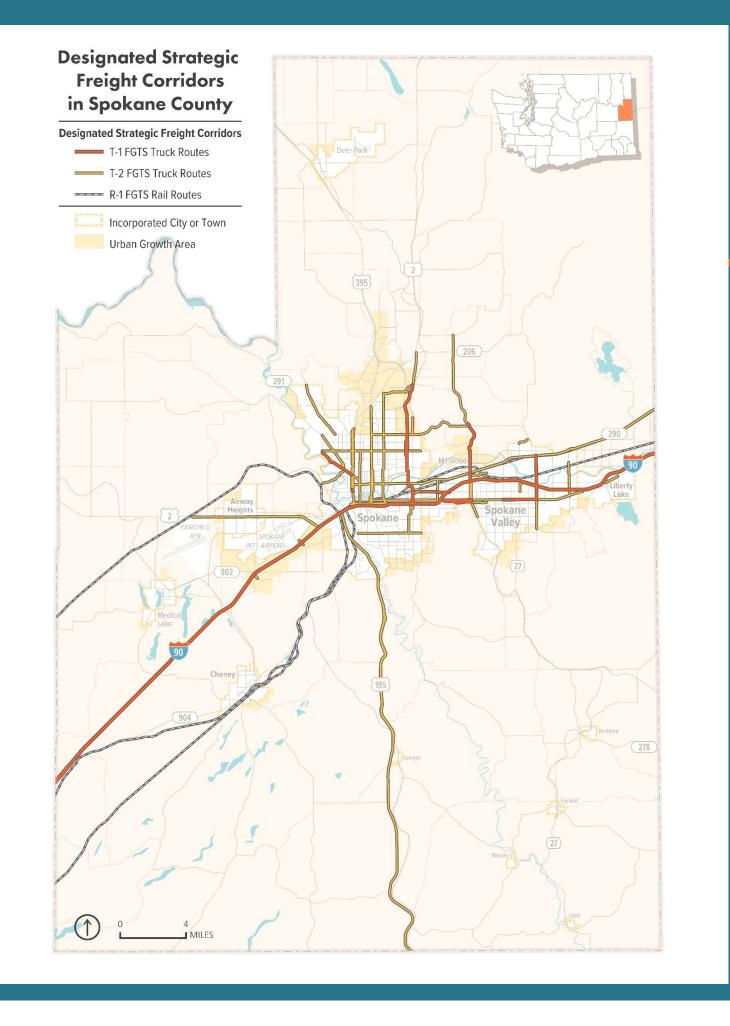
- FMSIB has released a solicitation for project funding through their 6-Year
   Freight Mobility Strategic Investment Program.
- Approximately \$90 million in total funding is anticipated.
- Project applications are due to FMSIB by April 19.
- Q&A session on Tuesday, March 26 at 1:30 PM



# Project Eligibility

Eligible projects or project phase(s) must be:

- Ready to construct within 6 years.
- Located on, or directly connect to, a Designated Strategic Freight Corridor.
  - > T-1 / T-2 FGTS Truck Routes
  - > R-1 FGTS Rail Routes
  - ➤ W-1 / W-2 / W-3 / W-4 FGTS Waterways





# Project Evaluation Criteria

## 1. Statewide Freight Importance 8 POINTS

Freight tonnage, truck volume

## 2. Project Funding 11 POINTS

% non-state match, % committed funding, listed in regional plan

## 3. Cost Considerations 2 POINTS

Consideration of least cost solutions

## 4. Overburdened Communities 5 POINTS

Engagement, mitigation measures / addressing impacts



# 2022 FMSIB Investment Priorities

- Identifies 10 regional priority freight projects and 14 other freight investments needs.
- Submitted to FMSIB for consideration in their statewide freight investment priorities list.

pokane Regional Transportation Council, July 202	2							Proje	ct Ev	aluati	on Cri	iteria'	ĸ		
						FMSIB Prioriti Focus Areas		tization		SRTC Regional Prioritization Activiti			ies		
# Project Name	Agency	FMSIB Target A	ırea	Estimated Total Cost	Unfunded Need	Committed \$	Non-State Match	Freight Tonnage	Truck Volume	Horizon 2045	Unified List	Freight Network	Readiness	Total Cont.	
Bigelow Gulch Cor. Safety & Mobility Project 2 FULLY FU	NDED** Spokane County	Expansion of Fre	e <b>ight Corridors</b>	\$12,700,000	-	4.9	4.9	4	4	5	5	5	3	35	
Pines Rd/BNSF Grade Separation	Spokane Valley	Grade Separatio	on Projects	\$34,000,000	\$17,895,400	2.4	1.4	4	2	5	5	5	2	26	
South Barker Rd Corridor Improvements	Spokane Valley	Expansion of Fre	e <b>ight Corridors</b>	\$18,800,000	\$11,816,600	1.9	1.9	3	2	5	5	5	2	25	
Wellesley Ave: Freya to Havana FULLY FUNDED**	Spokane	Road Preservation		\$4,995,000	-	4.1	4.1	4	2	-	5	5	1	2!	
6th/10th/12th Ave Improvements: Craig Rd to Spotted	Rd Spokane/Airway Heights	Expansion of Freight Corridors		\$9,680,000	\$4,080,472	2.9	1.6	3	2	5	5	2.5	2	2	
Airport Dr & Spotted Rd Realignment & Interchange	Spokane Int'l Airport	Expansion of Fre	eight Corridors	\$28,700,000	\$19,300,000	1.6	1.6	3	2	5	5	2.5	3	2:	
I-90 TSMO Improvements	WSDOT	TSMO		\$19,300,000	\$19,300,000	-	-	5	5	-	5	5	2	2	
Freya St: Rowan to Francis	Spokane	Road Preservati	on	\$9,000,000	\$9,000,000	-	-	3	2	5	5	5	1	2	
Freya/Greene/Market Corridor Bridge Deck Preservati	on Spokane	Bridge Preserva	tion	\$2,000,000	\$2,000,000	-	-	5	5	-	-	5	3	18	
O Argonne Rd & Upriver Dr Intersection Improvements	Spokane County	Expansion of Fre	e <b>ight Corridors</b>	\$8,800,000	\$8,500,000	0.2	0.2	5	2	-	5	5	-	17	
THER FREIGHT INVESTMENT NEEDS Iditional projects that were evaluated and consid	ered for inclusion in the priorif	tized project list Unfunded Need					reigh		ed ne	eds.	ional fre	eight pri	Unfu		
rent Ave/Sullivan Rd Interchange ookane Valley	Expansion of Freight Corridors	\$24,447,500	2nd Ave/3rd Ave Grind & Overlay: Maple St to Divi Spokane		ision S	t	Road Preservation				\$4,020,00				
rgonne Rd/I-90 Interchange Bridge pokane Valley	Bridge and Road Replacement	\$13,702,500	29th Ave Preservation: High Dr to Grand Ave Spokane					Road Preservation				\$1,000,00			
prague Avenue Grind & Inlay ookane Valley	Road Preservation	\$3,300,000	OO Inland Empire Way Connection Spokane					Expansion of Freight Corridors				ors	\$6,700,00		
ullivan Road Grind & Inlay ookane Valley	Road Preservation	\$5,600,000	Flora Road Grind & Inlay Spokane Valley					Road Preservation				\$3,000,00			
roadway Avenue Grind & Inlay pokane Valley	Road Preservation	\$4,000,000	00,000 Magnesium Rd Preservation: Crestline to Market Spokane County					Road Preservation					\$1,500,00		
rgonne Road Reconstruction pokane Valley	Road Preservation	\$4,000,000	Cheney-Spokane Rd Preservation: Grove Rd to City Spokane County			ty Limi	ts	Road Preservation					\$3,000,00		
Nevada St Preservation: Hawthorne Ave to US 2	Road Preservation	\$1,500,000	\$1,500,000 18th/21st Ave Improvements: Garfield Rd to Deer Heig			Height	s Rd	Rd Expansion of Freight Corridors					\$9,800,00		



# 2024 Unified List Projects on T1/T2 Freight Corridors

Status	Project Name	Agency	Funding Request		
IMP	Spotted Rd & Airport Dr Safety & Multimodal Improvements <sup>1</sup>	Spokane Int'l Airport	\$5,000,000		
IMP	South Barker Rd Corridor <sup>2</sup>	Spokane Valley	<b>\$15,338,700</b>		
DEV	Division St Active Transportation Access Improvements <sup>3</sup>	Spokane	\$25,800,000		
DEV	US Hwy 2 Multimodal Improvements <sup>3</sup>	Airway Heights	\$21,467,200		
DEV	Argonne Rd Safety Improvements	<b>Spokane County</b>	\$6,680,000		
DEV	Argonne Bridge at I-90	Spokane Valley	\$24,000,000		
DEV	I-90 TSMO Improvements	WSDOT	\$2,640,000		
DEV	Sullivan / Trent Interchange	Spokane Valley	\$35,179,224		
DEV	3 <sup>rd</sup> Ave: Perry to Havana Improvements <sup>2</sup>	Spokane	\$8,000,000		
DEV	Craig Rd & I-90 Four Lakes Connection	Spokane County	\$19,032,500		
INT	Centennial Trail / Argonne Gap Project <sup>3</sup>	Spokane County	\$8,470,000		
INT	Barker Rd & I-90 Interchange	Spokane Valley	\$40,000,000		
INT	US 195 Corridor Projects	Spokane	\$18,394,333		

<sup>1</sup>Project is not on a T1/T2 freight corridor but was included on the 2022 SRTC Regional Freight Priorities List.

<sup>2</sup>Project is partially located on a T2 freight corridor.

<sup>3</sup>Eligible projects include those that mitigate the impacts of freight to overburdened communities.

Projects shown in yellow are also included in the 2022 SRTC Regional Freight Priorities & Other Freight Investment Needs Lists.



# TPM - New Greenhouse Gas Rule and Targets

BOARD OF DIRECTORS
AGENDA ITEM 9, PAGE 29
MARCH 14, 2024



# New Greenhouse Gas Rule and Targets

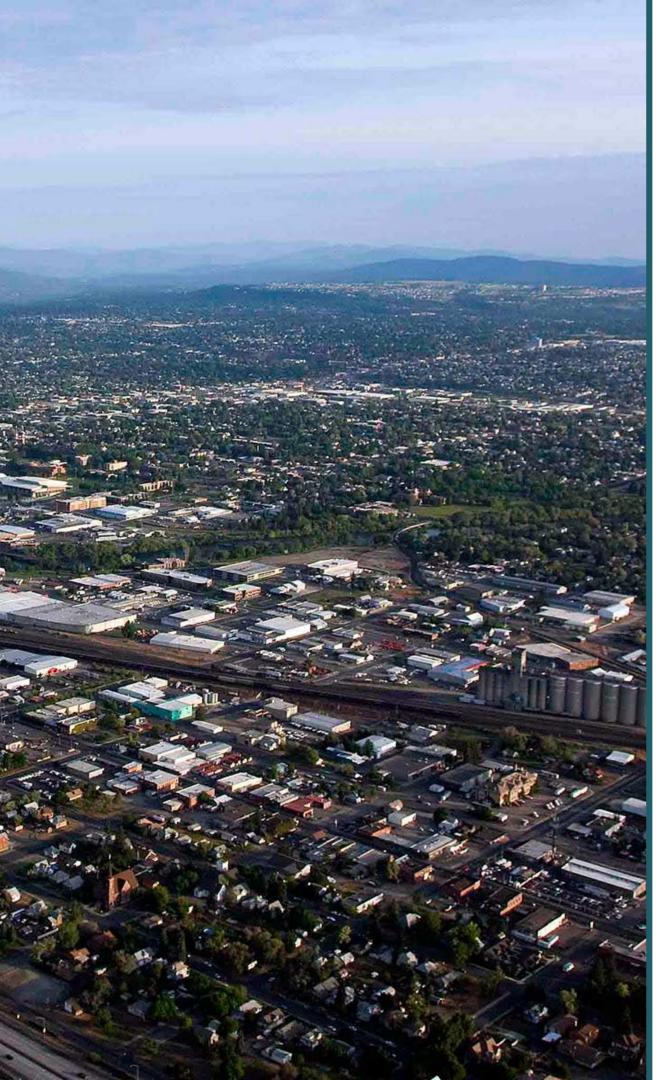
## **Action to be taken at April meeting:**

Adopt a resolution to plan and program in support of the state's targets (as adopted 02/2024)

## OR

Calculate and adopt unique, declining local targets





## **Transportation Performance Management:**

A strategic approach that uses system information to make investment and policy decisions to achieve national performance goals

4-year performance period: 2022-2025

WSDOT submitted targets to FHWA February 1

MPOs have until July 30 to set unique quantifiable targets or agree to plan and program in support of state targets for the current performance period

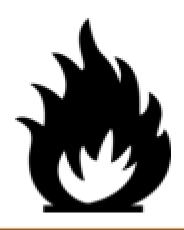
Must be a <u>declining</u> target

# WSDOT Targets and Methodology



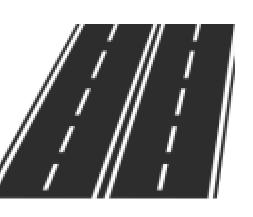
Gallons of Fuel Consumed





CO<sub>2</sub> per gallon of fuel





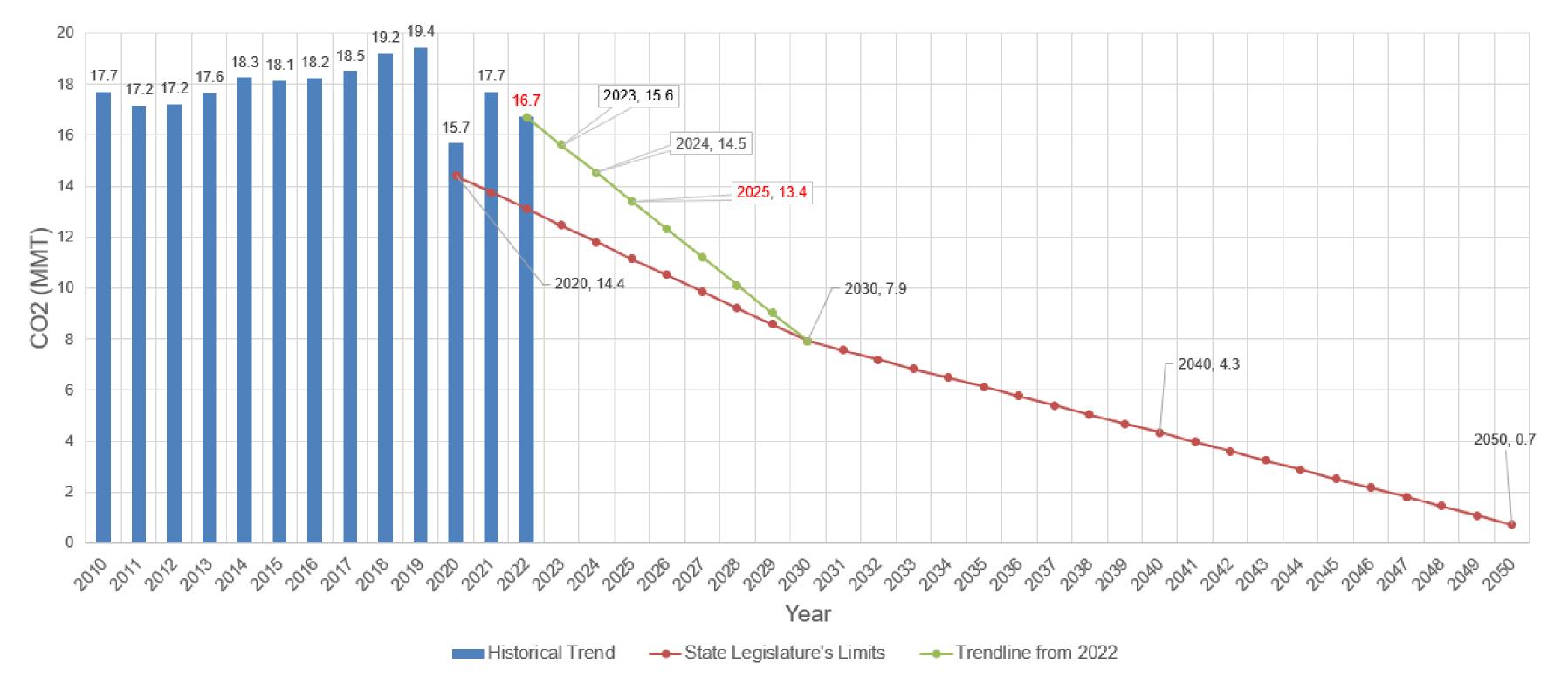
Proportion of VMT that occurs on NHS





GHG Metric:
Tailpipe CO<sub>2</sub>
emissions on the
NHS (millions of
metric tons, to
nearest
hundredth)

# WSDOT Targets and Methodology



# **Related Efforts**

- VMT Reduction Proviso
- Climate Commitment Act
- Commute Trip Reduction (CTR)
- WSDC's Transportation Electrification Strategy
- TDM, Complete Streets, Multimodal
- Et al.

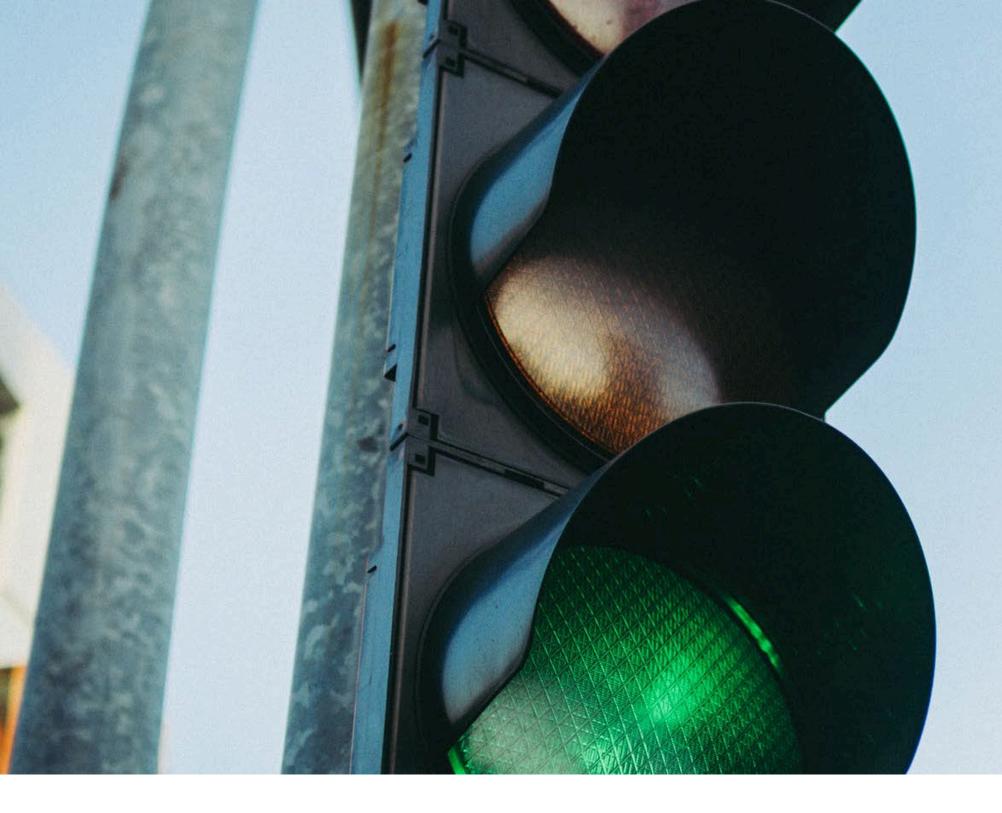


VEHICLE MILES TRAVELED (VMT) TARGETS – FINAL REPORT

June 2023

Roger Millar, Secretary of Transportation

Norene Pen, Interim Director of Multimodal Planning and Data Division





Thank you!

Michael Redlinger Associate Transportation Planner 2 mredlinger@srtc.org

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