



CLARK COUNTY
WASHINGTON

2022-2027 Transportation Improvement Program (TIP) Update

Development and Engineering Advisory Board Meeting

October 7, 2021

Agenda

- Guiding Principals and Legalities
- 20-year Capital Facilities Plan (CFP) to 6-year Transportation Improvement Program (TIP)
- Evaluation System
- 6-year TIP Projects Maps
- TIP Construction Schedule
- Project Highlights
- Schedule/Steps



Guiding Principles and Legalities

Council Guiding Principles:

1. Debt Service
2. Safety & Preservation of existing Assets
3. Capital Projects

Legal Requirements:

RCW 36.81 and WAC 136

All capital road projects are to be in ACP/TIP.

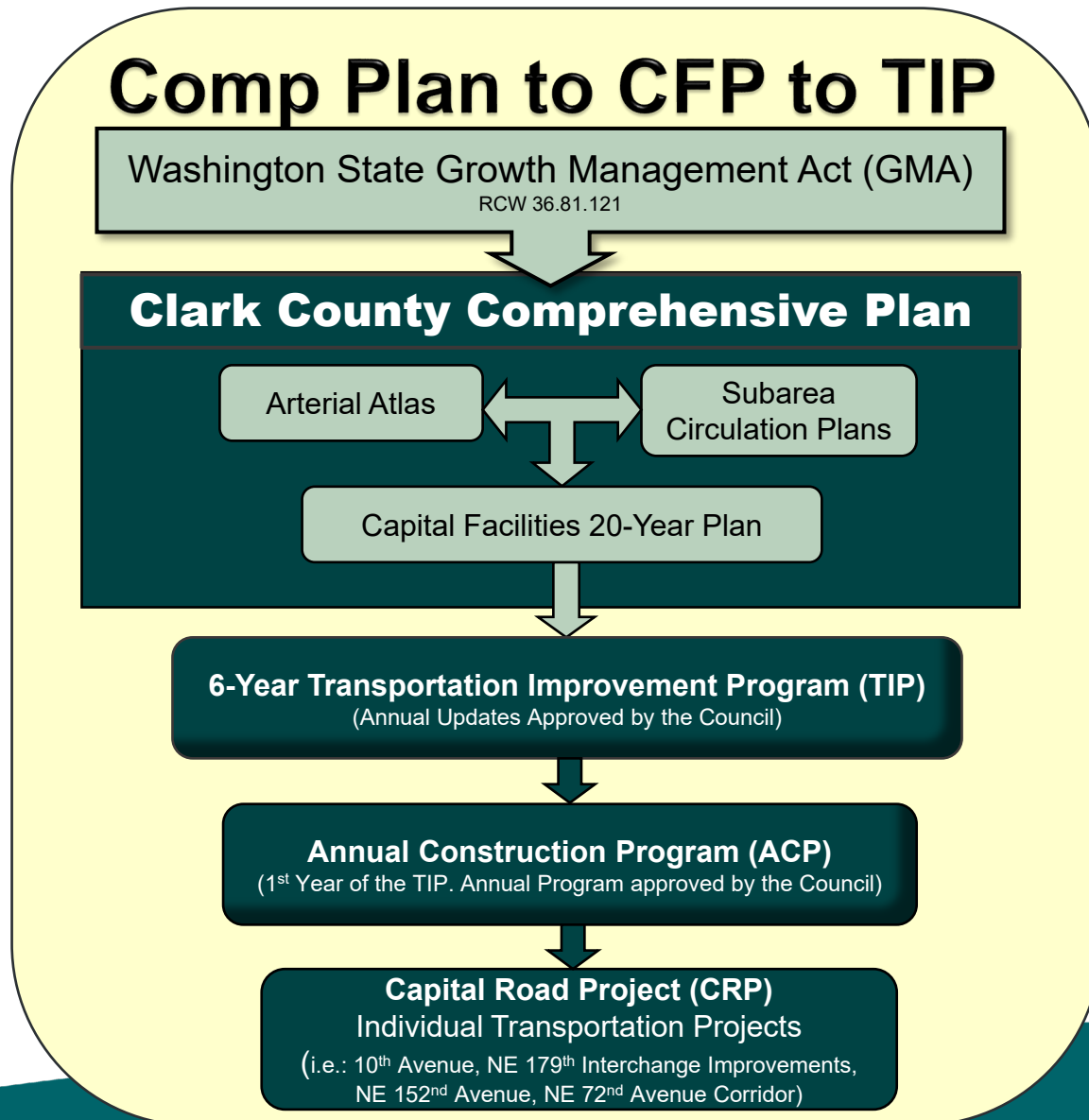
County Engineer to ***“develop and apply”*** priority programming.

Council adopts before budget – Council action required to later amend TIP.

TIP follows adopted policies and Comprehensive Plan via the Capital Facilities Plan.



How does a project get on the TIP?



Evaluation System Criteria:

Safety (33%)	Economic Development (29%)	Mobility (24%)
<p><u>Safety Rating</u> (30 Points)</p> <ul style="list-style-type: none"> Collisions – Injuries, Fatalities Physical road features 	<p><u>Support Economic Development</u> (20 Points)</p> <ul style="list-style-type: none"> Potential industrial & commercial jobs created Focused Public Investment Freight access to highways Large development-ready parcels - CREDC 	<p><u>Route Connectivity</u> (10 Points)</p> <ul style="list-style-type: none"> Atlas- Links to other roadways
	<p><u>Concurrency</u> (10 Points)</p> <ul style="list-style-type: none"> Congestion: Level of Service & Volume/Capacity ratio Urban Holding Areas De-facto moratorium and moratorium areas 	<p><u>Multimodal</u> (6 Points)</p> <ul style="list-style-type: none"> Improves access to bicycle routes, transit, trails.
<p><u>Comparison to Arterial Atlas</u> (10 Points)</p> <p>Existing roadway section to standard cross-sections in the County's Arterial Atlas (additional travel lanes, center/left turn lanes, sidewalks, bike lanes)</p>		

Other 14%

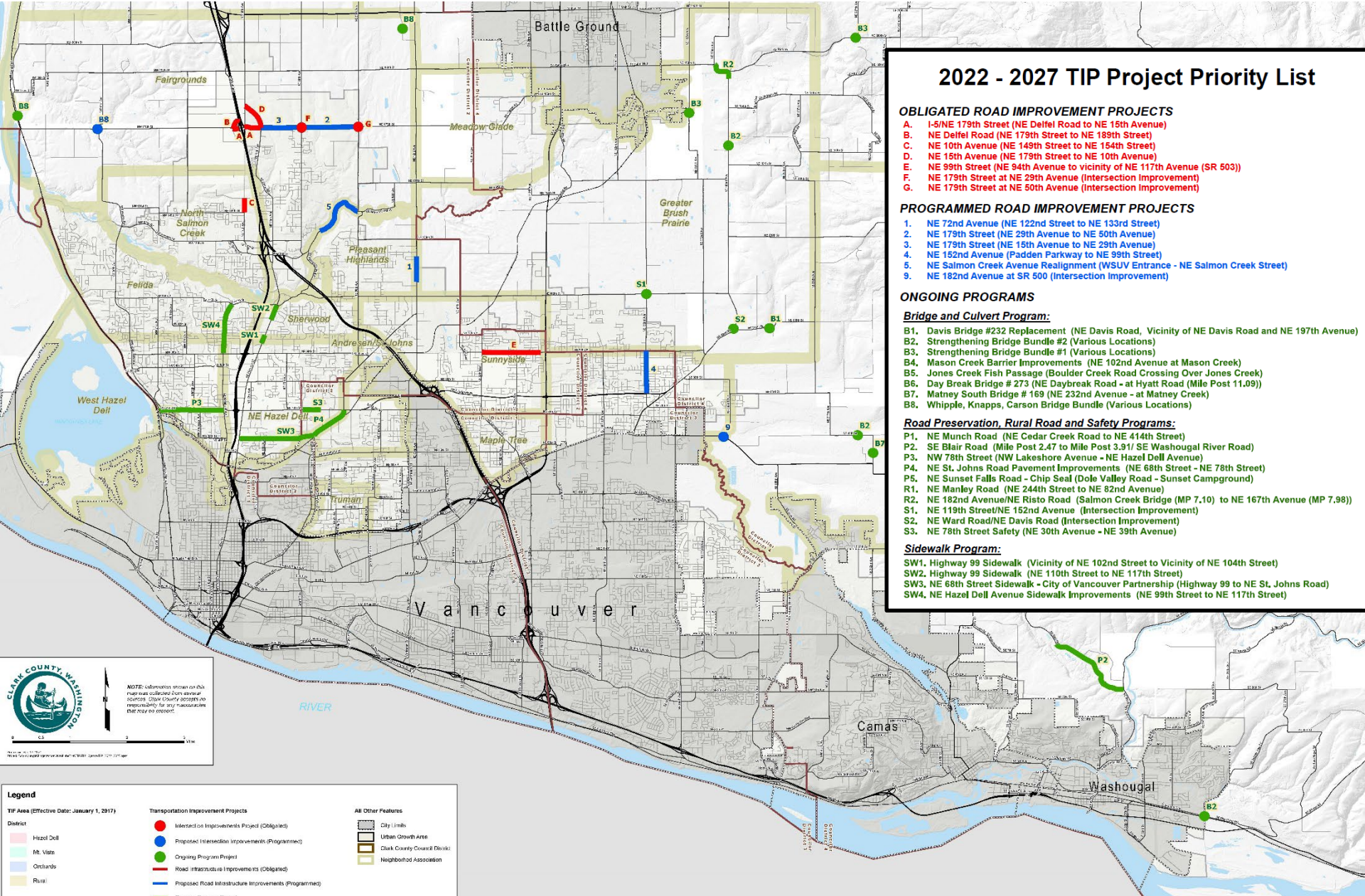
Environmental Impacts

Public & Outside Agency Support

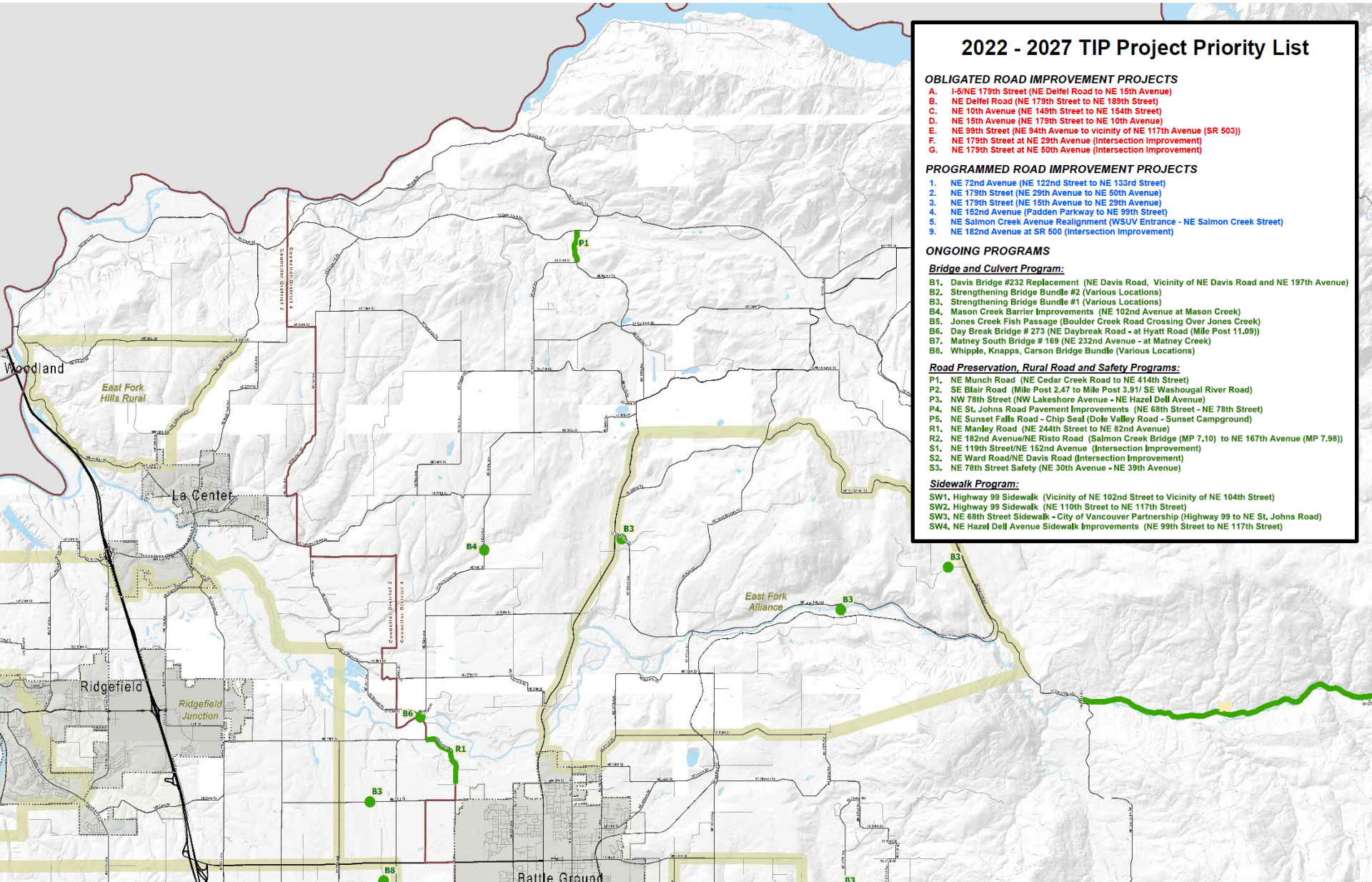
Leveraging of Outside Funding



Projects Funded in the 2022-2027 TIP



Projects Funded in the 2022-2027 TIP



2022 - 2027 TIP Project Priority List

OBLIGATED ROAD IMPROVEMENT PROJECTS

- A. I-5/NE 179th Street (NE Delfel Road to NE 15th Avenue)
- B. NE Delfel Road (NE 179th Street to NE 189th Street)
- C. NE 10th Avenue (NE 149th Street to NE 154th Street)
- D. NE 15th Avenue (NE 179th Street to NE 10th Avenue)
- E. NE 99th Street (NE 94th Avenue to vicinity of NE 117th Avenue (SR 503))
- F. NE 179th Street at NE 29th Avenue (Intersection Improvement)
- G. NE 179th Street at NE 50th Avenue (Intersection Improvement)

PROGRAMMED ROAD IMPROVEMENT PROJECTS

- 1. NE 72nd Avenue (NE 122nd Street to NE 133rd Street)
- 2. NE 179th Street (NE 29th Avenue to NE 50th Avenue)
- 3. NE 179th Street (NE 15th Avenue to NE 29th Avenue)
- 4. NE 152nd Avenue (Padden Parkway to NE 99th Street)
- 5. NE Salmon Creek Avenue Realignment (WSUV Entrance - NE Salmon Creek Street)
- 9. NE 182nd Avenue at SR 500 (Intersection Improvement)

ONGOING PROGRAMS

Bridge and Culvert Program:

- B1. Davis Bridge #232 Replacement (NE Davis Road, Vicinity of NE Davis Road and NE 197th Avenue)
- B2. Strengthening Bridge Bundle #2 (Various Locations)
- B3. Strengthening Bridge Bundle #1 (Various Locations)
- B4. Mason Creek Barrier Improvements (NE 102nd Avenue at Mason Creek)
- B5. Jones Creek Fish Passage (Boulder Creek Road Crossing Over Jones Creek)
- B6. Day Break Bridge # 273 (NE Daybreak Road - at Hyatt Road (Mile Post 11.09))
- B7. Matney South Bridge # 169 (NE 232nd Avenue - at Matney Creek)
- B8. Whipple, Knapps, Carson Bridge Bundle (Various Locations)

Road Preservation, Rural Road and Safety Programs:

- P1. NE Munch Road (NE Cedar Creek Road to NE 414th Street)
- P2. SE Blair Road (Mile Post 2.47 to Mile Post 3.91/ SE Washougal River Road)
- P3. NW 78th Street (NW Lakeshore Avenue - NE Hazel Dell Avenue)
- P4. NE St. Johns Road Pavement Improvements (NE 68th Street - NE 78th Street)
- P5. NE Sunset Falls Road - Chip Seal (Dole Valley Road - Sunset Campground)
- R1. NE Manley Road (NE 244th Street to NE 82nd Avenue)
- R2. NE 182nd Avenue/NE Risto Road (Salmon Creek Bridge (MP 7.10) to NE 167th Avenue (MP 7.98))
- S1. NE 119th Street/NE 152nd Avenue (Intersection Improvement)
- S2. NE Ward Road/NE Davis Road (Intersection Improvement)
- S3. NE 78th Street Safety (NE 30th Avenue - NE 39th Avenue)

Sidewalk Program:

- SW1. Highway 99 Sidewalk (Vicinity of NE 102nd Street to Vicinity of NE 104th Street)
- SW2. Highway 99 Sidewalk (NE 110th Street to NE 117th Street)
- SW3. NE 68th Street Sidewalk - City of Vancouver Partnership (Highway 99 to NE St. Johns Road)
- SW4. NE Hazel Dell Avenue Sidewalk Improvements (NE 99th Street to NE 117th Street)

Proposed Construction Schedule: 6-Year TIP

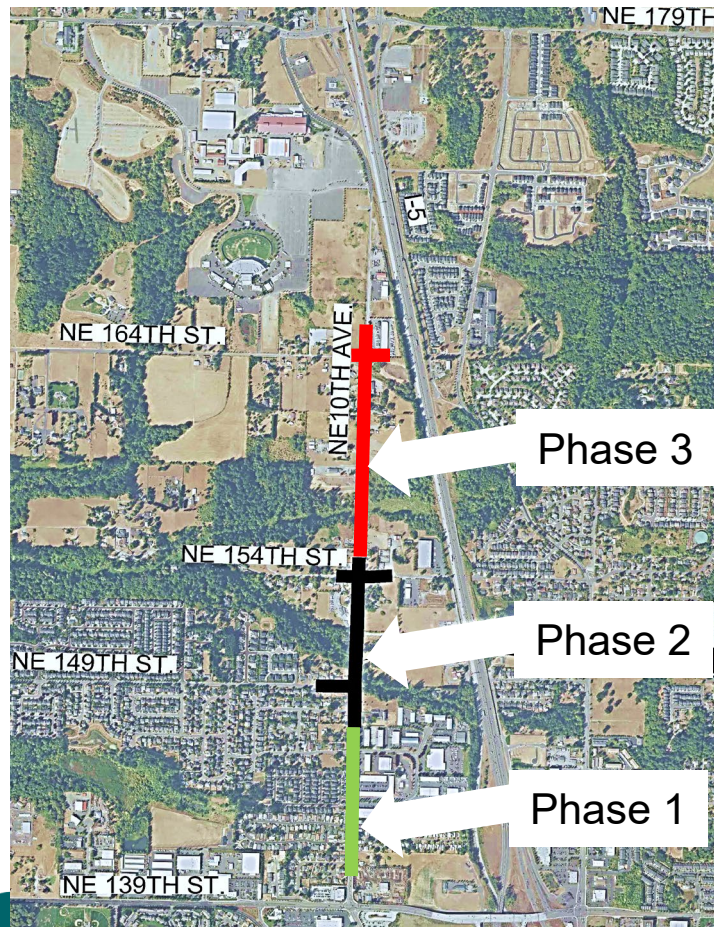
2021	2022	2023	2024	2025	2026	2027 and beyond
NE 10th Avenue <u>(\$13M)</u> NE 149th Ave to NE 154th Ave		*NE 119th Street/NE 152nd Avenue <u>Intersection</u> <u>(\$5M)</u>		NE 15th Avenue <u>(\$19M)</u> NE 179th St to NE 10th Ave		Salmon Creek <u>Avenue</u> <u>(\$21M)</u> WSU to Salmon Ck
*Lehto, Salmon Creek, Smith Bridges <u>(\$2M)</u> Various locations	NE 99th Street <u>(\$24M)</u> NE 94th Ave to SR 503			I-5/NE 179th Street GAPS <u>(\$3.3M- County Share in gaps only)</u> NE Delfel Rd to NE 15th Ave <u>(WSDOT and Private Developer Partnerships for bridges, road under bridge and 12th Av roundabout)</u>		
Hwy 99 at 99th Street <u>Intersection</u> <u>(\$3M)</u>		*NE Hazel Dell Avenue Sidewalk <u>(\$1.6M)</u> NE 99th St to NE 117th St	*Mason Creek Culvert NE 102nd Ave <u>(\$1.7M)</u>	NE 179th Street Intersection Improvements <u>(\$38M)</u> at 29th Ave and 50th Ave		NE 179th Street <u>(\$24M)</u> NE 29th Ave to NE 50th Ave
*NE Manley Road <u>(\$5.6M)</u> NE 244th St to NE 82nd Ave		*Davis Bridge Replacement <u>(\$2M)</u> Davis Rd E of Ward Rd	NE 152nd Avenue <u>(\$8.3M)</u> Padden to NE 99th St		NE Delfel Road <u>(\$13.3M)</u> NE 179th Street to 189th Street	NE 179th Street <u>(\$14M)</u> NE 15th Ave to NE 29th Ave
*Hwy 99 Preservation <u>(\$4.6M)</u> NE 78th to NE 134th St		*NE 68th East Sidewalk <u>(\$6.8M)</u> Highway 99 to St. Johns Rd <u>(COV Partnership)</u>		*Bridge/Preservation/ Safety Projects: <u>(\$11.3M)</u>	NE 72nd Avenue <u>(\$20-25M)</u> NE 122nd St to NE 179th St (Built in phases. Intersections or corridor under analysis)	
*134th Corridor Adaptive Signals <u>(\$820K)</u>	*NE Munch Preservation <u>(\$1.4M)</u> NE Cedar Creek Rd to NE 414th	NE 182nd Avenue at SR 500 <u>(\$2.5M/ County = \$380K)</u> <u>(WSDOT Partnership)</u>		*Highway 99 Sidewalk <u>(\$930K)</u> NE 102 to NE 104th Street)	*Highway 99 Sidewalks <u>(\$3M)</u> NE 110th Street to NE 117th Street	
<div>Ongoing Programs: 6-years (some overlap w/ above)</div> <div>Road Preservation: \$39M Sidewalks & ADA: \$26M (\$18M Sidewalk / \$12M ADA)</div> <div>Bridge/Culvert Repair & Rehab: \$13M Transportation Safety \$23M Rural Road Improvement Program \$6M</div> <div>Advanced Right of Way: \$60k Urban Development Roads: \$50K</div>						
*Some Ongoing project also listed above						

Gray: Projects currently under construction or completed.
Yellow: Fully Funded projects OR grant committed
White: Next Tier of project or Ongoing Projects



Project Highlights: 10th Avenue Corridor

- ▶ NE 141st Street to NE 164th Street
- ▶ 3 Phases (2 completed, 1 under construction)
- ▶ Construction Schedule: 2013-2022



Funding Sources/Cost (millions)

County Road Fund	\$ 14.8*
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*includes \$4.8M 2014 PWTF Loan

Federal Grants	\$ 10.5
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State Grant	\$ 1.5
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Traffic Impact Fees	\$ 4.4
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REET2 (\$3M)	\$ 8.8
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Partnerships (Utility)	\$ 3.2
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TOTAL	\$ 43.2
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Project Highlights: 10th Avenue Bridge



10th Avenue / NE 154th Avenue
(View looking north)



10th Avenue Bridge
(View looking north)



Project Highlights: 10th Avenue Bridge



Construction Complete
10th Avenue Bridge



BUDGET: \$13M

SCHEDULE: Spring 2021 to Fall 2022

PROJECT IMPROVEMENTS:

SCHEDULE: Spring 2021 to Fall 2022

PROJECT IMPROVEMENTS:

- Roadway will be improved to include two travel lanes, a center left-turn lane, bike lanes and sidewalks,
- New signal at the NE 149th Street intersection.
- Roadway grade will be raised by as much as 15 feet
- Other improvements include retaining walls, sanitary sewer main, water main, stormwater facilities, culvert just north of NE 149th St .



NE 99th Street (NE 94th Ave - NE 117th Ave (SR 503))



BUDGET: \$23M

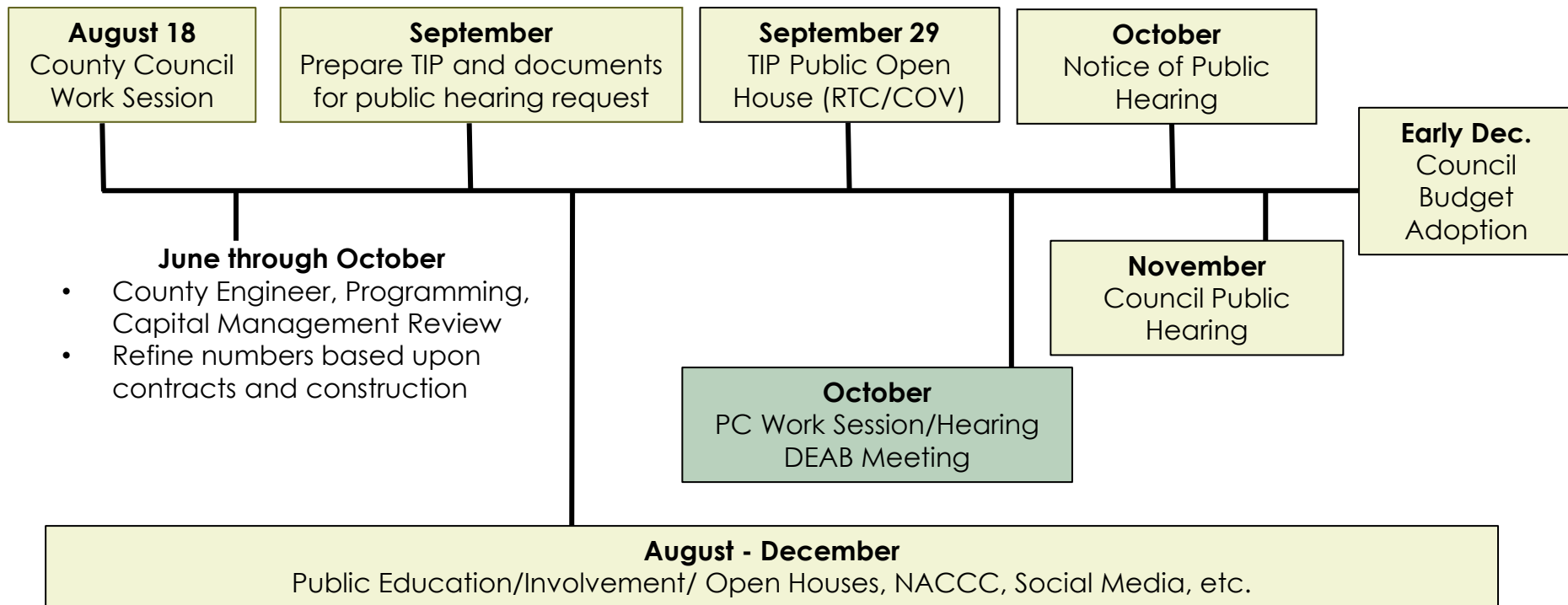
SCHEDULE: Spring 2022 to Winter 2024

PROJECT IMPROVEMENTS:

- Three new roundabouts on 99th Street at NE 94th Avenue, NE 107th Avenue, and NE 110/112 Avenue
- Building new and reconstructing the existing NE 99th Street to a standard roadway between NE 94th Avenue and west of SR-503 with bike lanes/sidewalks to complete the corridor gap.



Schedule/Steps



Questions?

Thank you!

