



CLARK COUNTY
WASHINGTON

2024-2029 Transportation Improvement Program (TIP) Update

Development and Engineering Advisory Board Meeting

November 2, 2023

Agenda

- Guiding Principals and Legalities
- 20-year Capital Facilities Plan (CFP) to 6-year Transportation Improvement Program (TIP)
- Evaluation System
- CFP & 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.

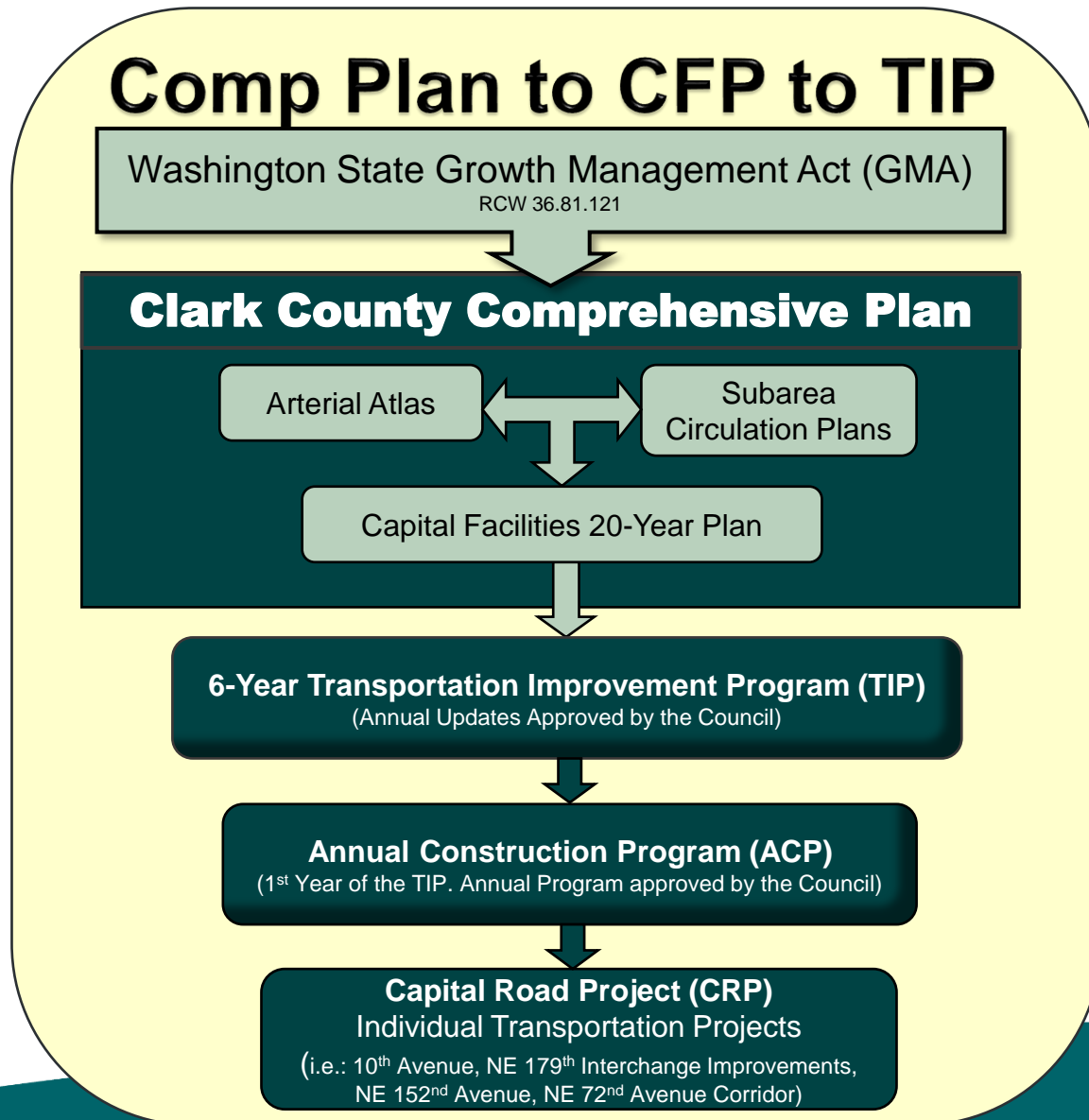
County Engineer to ***“develop and apply”*** priority programming.

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%

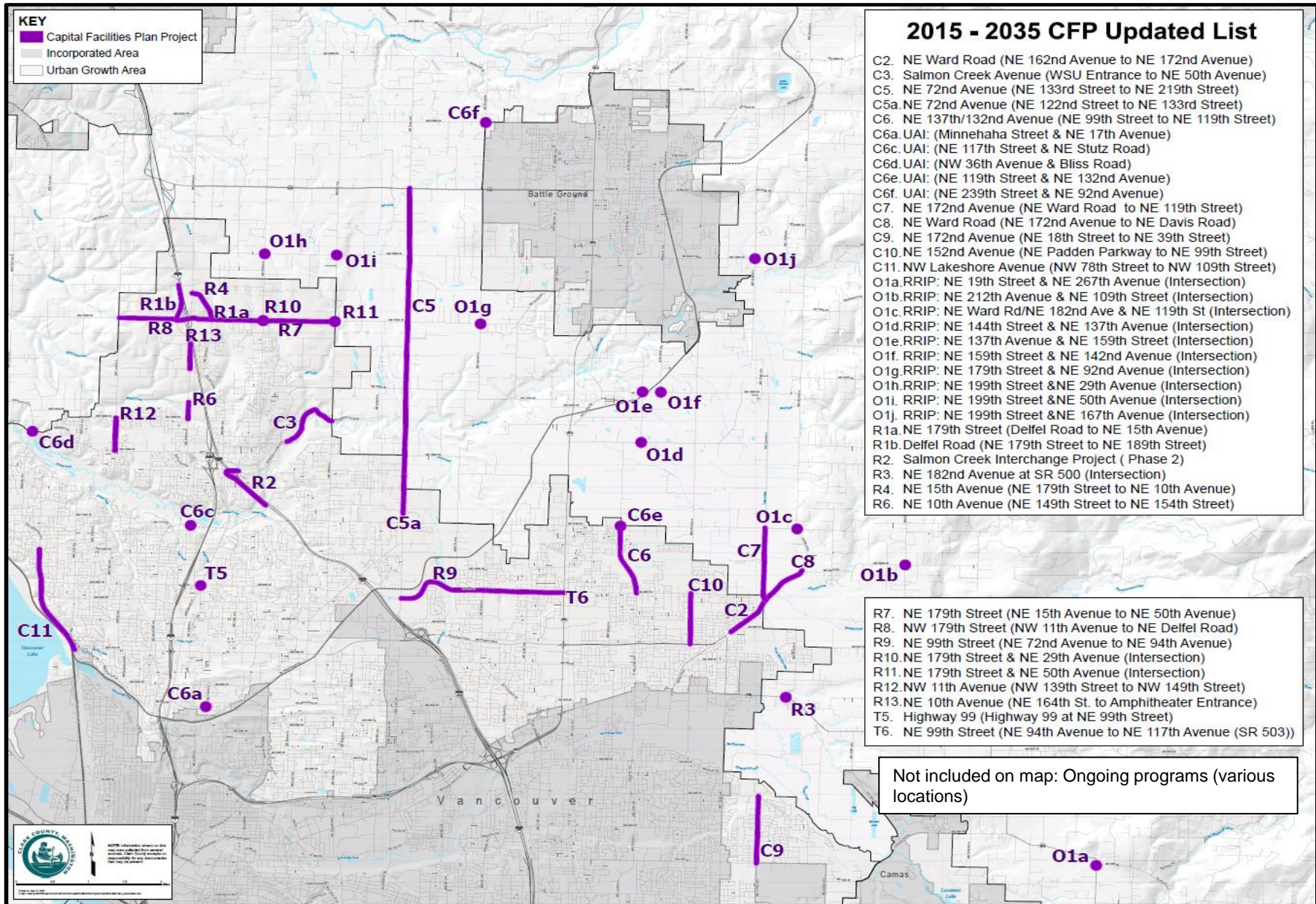
Environmental Impacts

Public & Outside Agency Support

Leveraging of Outside Funding



20-Year Capital Facilities Plan



Projects Funded in the 2024-2029 TIP



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 15th Avenue (NE 179th Street to NE 10th Avenue)
- D. NE 99th Street (NE 94th Avenue to vicinity of NE 117th Avenue (SR 503))
- E. NE 179th Street at NE 29th Avenue (Intersection Improvement)
- F. 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 26th Avenue)
- 4. NE 152nd Avenue (Padden Parkway to NE 99th Street)
- 5. NE Salmon Creek Avenue Realignment (WSUV Entrance - NE Salmon Creek Street)
- 6. NW Lakeshore Ave (NW 78th Street - NW 109th Street)

ONGOING PROGRAMS

Bridge and Culvert Program:

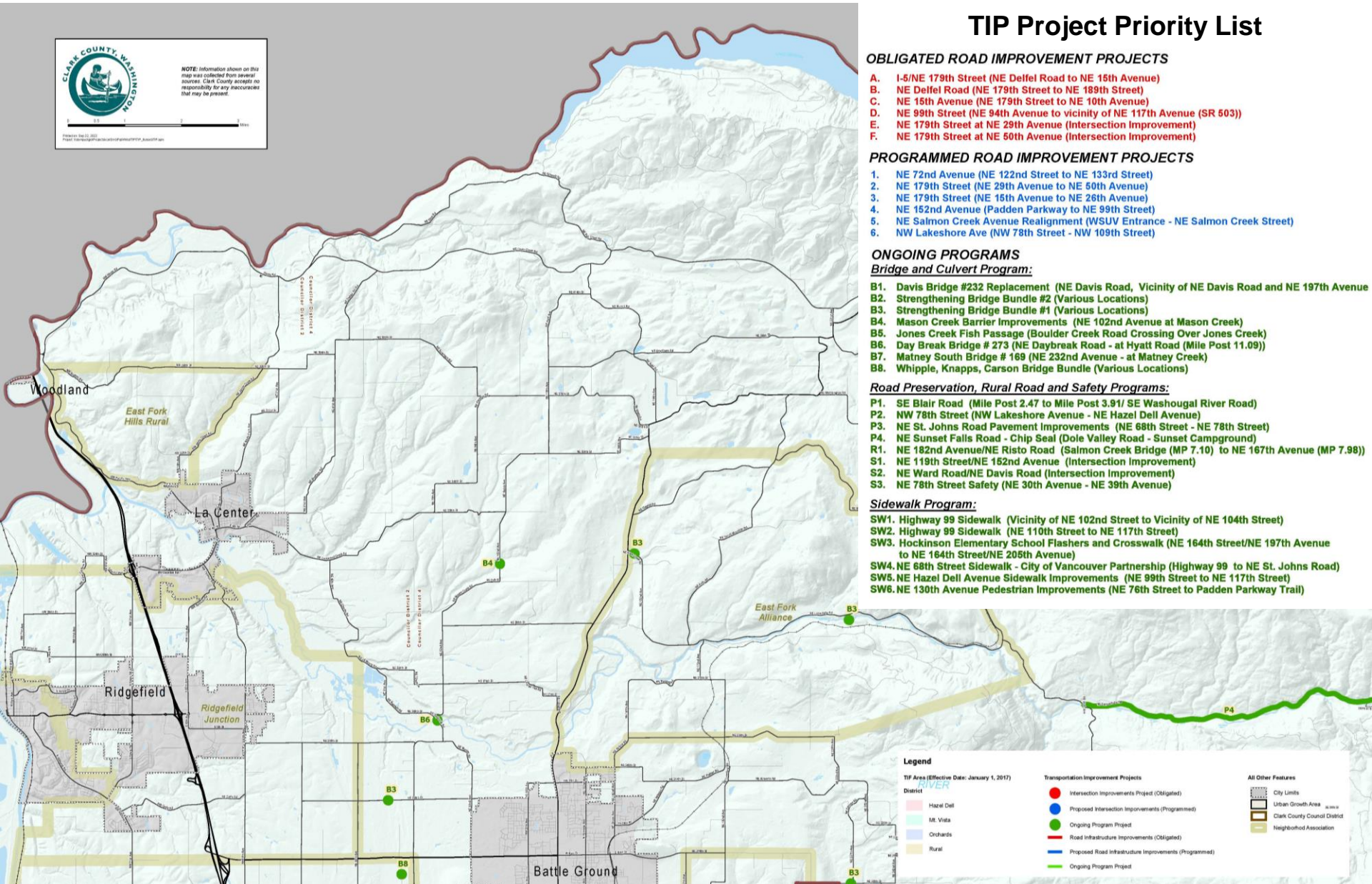
- B1. Davis Bridge #232 Replacement (NE Davis Road, Vicinity of NE Davis Road and NE 197th Avenue)
- B2. Strengthening Bridge Bundle #2 (Various Locations)
- B3. Strengthening Bridge Bundle #1 (Various Locations)
- B4. Mason Creek Barrier Improvements (NE 102nd Avenue at Mason Creek)
- B5. Jones Creek 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:

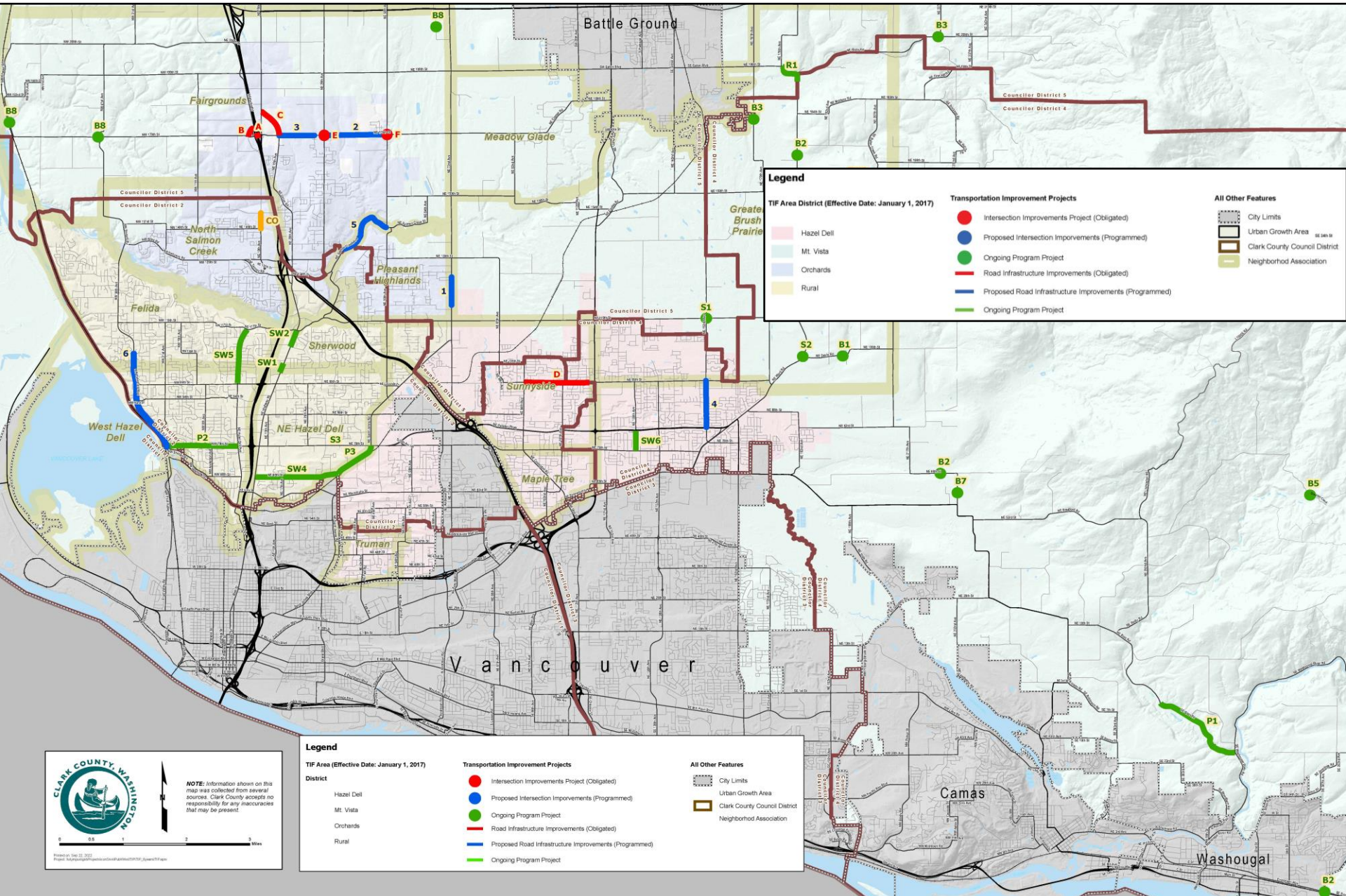
- P1. SE Blair Road (Mile Post 2.47 to Mile Post 3.91/ SE Washougal River Road)
- P2. NW 78th Street (NW Lakeshore Avenue - NE Hazel Dell Avenue)
- P3. NE St. Johns Road Pavement Improvements (NE 68th Street - NE 78th Street)
- P4. NE Sunset Falls Road - Chip Seal (Dole Valley Road, Sunset Campground)
- R1. 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. Hockinson Elementary School Flashers and Crosswalk (NE 164th Street/NE 197th Avenue to NE 164th Street/NE 208th Avenue)
- SW4. NE 68th Street Sidewalk - City of Vancouver Partnership (Highway 99 to NE St. Johns Road)
- SW5. NE Hazel Dell Avenue Sidewalk Improvements (NE 99th Street to NE 117th Street)
- SW6. NE 130th Avenue Pedestrian Improvements (NE 76th Street to Padden Parkway Trail)



Projects Funded in the 2024-2029 TIP



NOTE: Information shown on this map was collected from several sources. Clark County accepts no responsibility for any inaccuracies that may be present.

Printed on: 10/13/2023
Project: 2024-2029 Transportation Improvement Plan (TIP)

Legend

TIF Area (Effective Date: January 1, 2017)

District

Hazel Dell
Mt. Vista
Orchards
Rural

Transportation Improvement Projects

- Intersection Improvements Project (Obligated)
- Proposed Intersection Improvements (Programmed)
- Ongoing Program Project
- Road Infrastructure Improvements (Obligated)
- Proposed Road Infrastructure Improvements (Programmed)
- Ongoing Program Project

All Other Features

- City Limits
- Urban Growth Area
- Clark County Council District
- Neighborhood Association

2015 - 2035 CFP Projects

- C2. NE Ward Road (NE 162nd Avenue to NE 172nd Avenue)
- C3. Salmon Creek Avenue (WSU Entrance to NE 172nd Avenue)
- C5. NE 72nd Avenue (NE 133rd Street to NE 219th Street)
- C5a. NE 72nd Avenue (NE 122nd Street to NE 133rd Street)
- C6. NE 137th/132nd Avenue (NE 99th Street to NE 179th Street)
- C6a. UAI: (Minnehaha Street & NE 17th Avenue)
- C6c. UAI: (NE 117th Street & NE Stutz Road)
- C6d. UAI: (NW 36th Avenue & Bliss Road)
- C6e. UAI: (NE 119th Street & NE 132nd Avenue)
- C6f. UAI: (NE 239th Street & NE 92nd Avenue)
- C7. NE 172nd Avenue (NE Ward Road to NE 119th Street)
- C8. NE Ward Road (NE 172nd Avenue to NE 119th Street)
- C9. NE 172nd Avenue (NE 18th Street to NE 39th Street)
- C10. NE 152nd Avenue (NE Padden Parkway to NE 179th Street)
- C11. NW Lakeshore Avenue (NW 78th Street to NE 179th Street)
- O1a. RRIP: NE 19th Street & NE 267th Avenue (Intersection)
- O1b. RRIP: NE 212th Avenue & NE 109th Street (Intersection)
- O1c. RRIP: NE Ward Road/NE 182nd Avenue & NE 179th Street (Intersection)
- O1d. RRIP: NE 144th Street & NE 137th Avenue (Intersection)
- O1e. RRIP: NE 137th Avenue & NE 159th Street (Intersection)
- O1f. RRIP: NE 159th Street & NE 142nd Avenue (Intersection)
- O1g. RRIP: NE 179th Street & NE 92nd Avenue (Intersection)
- O1h. RRIP: NE 199th Street & NE 29th Avenue (Intersection)
- O1i. RRIP: NE 199th Street & NE 50th Avenue (Intersection)
- O1j. RRIP: NE 199th Street & NE 167th Avenue (Intersection)
- R1a. NE 179th Street (Delfel Road to NE 15th Avenue)
- R1b. Delfel Road (NE 179th Street to NE 189th Street)
- R2. Salmon Creek Interchange Project (Phase 2)
- R3. NE 182nd Avenue at SR 500 (Intersection)
- R4. NE 15th Avenue (NE 179th Street to NE 10th Avenue)
- R6. NE 10th Avenue (NE 149th Street to NE 154th Street)
- R7. NE 179th Street (NE 15th Avenue to NE 50th Avenue)
- R8. NW 179th Street (NW 11th Avenue to NE Delfel Road)
- R9. NE 99th Street (NE 72nd Avenue to NE 94th Avenue)
- R10. NE 179th Street & NE 29th Avenue (Intersection)
- R11. NE 179th Street & NE 50th Avenue (Intersection)
- R12. NW 11th Avenue (NW 139th Street to NW 14th Avenue)
- R13. NE 10th Avenue (NE 164th St. to Amphitheater)
- T5. Highway 99 (Highway 99 at NE 99th Street)
- T6. NE 99th Street (NE 94th Avenue to NE 179th Street)

- C2. NE Ward Road (NE 162nd Avenue to NE 172nd Avenue)
- C3. Salmon Creek Avenue (WSU Entrance to NE 50th Avenue)
- C5. NE 72nd Avenue (NE 133rd Street to NE 219th Street)
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- C6a. UAI: (Minnehaha Street & NE 17th Avenue)
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- C6f. UAI: (NE 239th Street & NE 92nd Avenue)
- C7. NE 172nd Avenue (NE Ward Road to NE 119th Street)
- C8. NE Ward Road (NE 172nd Avenue to NE Davis Road)
- C9. NE 172nd Avenue (NE 18th Street to NE 39th Street)
- C10. NE 152nd Avenue (NE Padden Parkway to NE 99th Street)
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- O1c. RRIP: NE Ward Road/NE 182nd Avenue & NE 119th Street (Intersection)
- O1d. RRIP: NE 144th Street & NE 137th Avenue (Intersection)
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- O1g. RRIP: NE 179th Street & NE 92nd Avenue (Intersection)
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- R1a. NE 179th Street (Delfel Road to NE 15th Avenue)
- R1b. Delfel Road (NE 179th Street to NE 189th Street)
- R2. Salmon Creek Interchange Project (Phase 2)
- R3. NE 182nd Avenue at SR 500 (Intersection)
- R4. NE 15th Avenue (NE 179th Street to NE 10th Avenue)
- R6. NE 10th Avenue (NE 149th Street to NE 154th Street)
- R7. NE 179th Street (NE 15th Avenue to NE 50th Avenue)
- R8. NW 179th Street (NW 11th Avenue to NE Delfel Road)
- R9. NE 99th Street (NE 72nd Avenue to NE 94th Avenue)
- R10. NE 179th Street & NE 29th Avenue (Intersection)
- R11. NE 179th Street & NE 50th Avenue (Intersection)
- R12. NW 11th Avenue (NW 139th Street to NW 149th Street)
- R13. NE 10th Avenue (NE 164th St. to Amphitheater Entrance)
- T5. Highway 99 (Highway 99 at NE 99th Street)
- T6. NE 99th Street (NE 94th Avenue to NE 117th Avenue (SR 503))



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Proposed Construction Schedule: 6-Year TIP

NE 179th Street Area Project Schedules

PROJECT	2023	2024	2025	2026	2027	2028	2029
NE 179th Street at NE 50th Avenue / \$1.9M (Intersection Improvement)		2024 - 2025					
NE 179th Street at NE 29th Avenue / \$26.0M (Intersection Improvement)			2025 - 2027				
NE 179th Street / \$17.7M (NE 15th Avenue - NE 26th Avenue)						2028 - 2029	
NE 179th Street Whipple Creek / \$3.1M Stormwater Facility						2028 - 2029	
NE 15th Avenue / \$24.8M (NE 179th Street - NE 10th Avenue)						2028 - 2029	
NE Delfel Road / \$4.9M (NE 179th Street - NE 184th Street)						2028 - 2029	
NE 179th Street - WSDOT / \$4.9M (NE 10th Avenue - NE 15th Avenue)						2028 - 2029	

Large Capital Project Schedules

PROJECT	2023	2024	2025	2026	2027	2028	2029
NE 99th Street / \$27.4M (NE 94th Avenue - Vic. NE 117th Avenue)	2023						
NE 152nd Avenue / \$9.9M (Padden Parkway - NE 99th Street)			2025 - 2026				
NE 72nd Avenue / \$10.8M (NE 122nd Street - NE 133rd Street)							2029 and beyond

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



Proposed Construction Schedule: 6-Year TIP Ongoing Program Projects

Bridge and Culvert Replace/Repair/Rehabilitation Project Schedules

PROJECT	2023	2024	2025	2026	2027	2028	2029	
Strengthening Bridge Bundle #1 / \$2.0M (Various Locations)	2023-2024							
Strengthening Bridge Bundle #2 / \$0.8M (Various Locations)	2023-2024							
Davis Bridge #273 / \$3.3M (NE Daybreak Road at Hyatt Road - MP 11.09)			2025					
Matney South Bridge #169 / \$0.7M (NE Daybreak Road at Hyatt Road - MP 11.09)			2025					
Whipple, Knapps, Carson Bridge Bundle / \$1.6M			2025					
Mason Creek Barrier Improvements / \$2.6M				2026				

Road Preservation Project Schedules

PROJECT	2023	2024	2025	2026	2027	2028	2029	
NE Sunset Falls Road Pavement Improvements / \$0.6M (Dole Valley Road - Sunset Campground)		2024						
NW 78th Street / \$2.8M (NW Lakeshore Ave. - NE Hazel Dell Ave.)		2024						
St. Johns Road Pavement Improvements / \$3.0M (NE 68th Street - NE 78th Street)			2024-2025					
SE Blair Road / \$2.0M (MP 2.47; MP 3.91/SE Washougal River Road)			2025					

Rural Road Improvements Project Schedule

PROJECT	2023	2024	2025	2026	2027	2028	2029	
NE 182nd Avenue / NE Risto Road / \$4.2M (Salmon Creek Bridge (MP7.1) NE 167th Ave.(MP 7.38))				2026-2027				

Gray: Projects currently under construction or completed.

Yellow: Fully Funded projects OR grant committed

White: Next Tier of project or Ongoing Projects



Proposed Construction Schedule: 6-Year TIP Ongoing Program Projects

Sidewalks and ADA Compliance Project Schedules								
	2023	2024	2025	2026	2027	2028	2029	
NE Hazel Dell Avenue Sidewalk Improvements / \$2.0M (NE 99th Street - NE 117th Street)	2023-2024							
Hockinson Elementary School Flashers and Crosswalk / \$0.5M (NE 164th Street/NE 197th Ave.; NE 164th Street/NE 205th Ave.)		2024						
NE 130th Avenue Pedestrian Improvements / \$0.5M (NE 76th Street - Padden Pkwy Trail)		2024						
NE 68th Street Sidewalk / \$3.0M (Highway 99 - NE St. Johns Road)		2024 -2025						
Highway 99 Sidewalk / \$1.5M (Vic. NE 102nd Street - Vic. NE 104th Street)			2024 -2025					
Truman School Sidewalk / \$2.0M (NE 44th St./NE 47th Ave. NE 49th St./NE 40th Ave.)			2024 -2025					
Highway 99 Sidewalk / \$4.0M (Vic. NE 110th Street - Vic. NE 117th Street)				2025-2026				
Transportation Safety Improvements Project Schedules								
	2023	2024	2025	2026	2027	2028	2029	
NE 119th Street/NE 152nd Avenue / \$6.0M (Intersection Improvement)			2024-2025					
NE Ward Road/NE Davis Road / \$4.9M (Intersection Improvement)				2026-2027				

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



2023 Completed Projects

Project	Budget
NE Hazel Dell Avenue Sidewalk Improvements	\$2.005M
NE 99th Street	\$27.4M
Strengthening Bridge Bundle #1 (Various Locations)	\$1.96M
Strengthening Bridge Bundles #2 (Various Locations)	\$831K
NE 134th Corridor Adaptive Traffic Signals	\$756K
Davis Bridge #232 Replacement	\$2.3M
Annual: ADA Compliance, ADA Preservation, HMA Overlays and Guardrail Projects	



Before



During



After

NE 99th Street (NE 94th Avenue - Vicinity of NE 117th Avenue (SR 503))



2023 Completed Projects



Before



During



After

NE Hazel Dell Avenue Sidewalk Improvements (NE 99th Street - NE 117th Street)



Before



During



After

Davis Bridge #232 Replacement (Vicinity of NE Davis Road - NE 197th Avenue)



2022 Completed Projects

Project	Budget
NE 10th Avenue (NE 149th Street - NE 154th Street)	\$12.5M
NE 182nd Avenue at SR 500 (Intersection Improvement) * Partnership w/ WSDOT	\$0.4M
NE Manley Road (NE 244th Street - NE 82nd Avenue)	\$5.2M
NE Munch Road (NE Cedar Creek Road - NE 414th Street)	\$1.4M

Annual: ADA Compliance, ADA Preservation, HMA Overlays and Guardrail Projects



Before

During

After

NE 10th Avenue (NE 149th Street - NE 154th Street)



2022 Completed Projects



Before

During

After

NE 182nd Avenue at SR 500 (Intersection Improvement) *WSDOT Partnership



Before

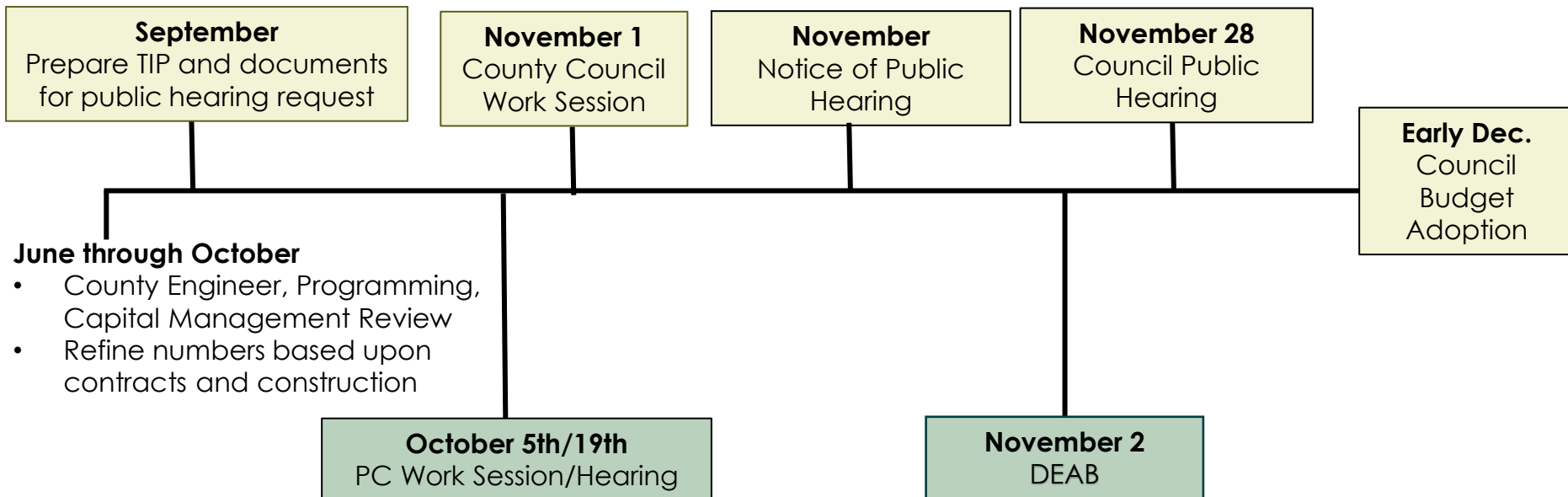
During

After

NE Manley Road (NE 244th Street - NE 82nd Avenue)



Schedule/Steps



For more information on Clark County's Transportation Improvement Program, please see:

<https://clark.wa.gov/public-works/transportation-improvement-program>

Questions?

Thank you!

