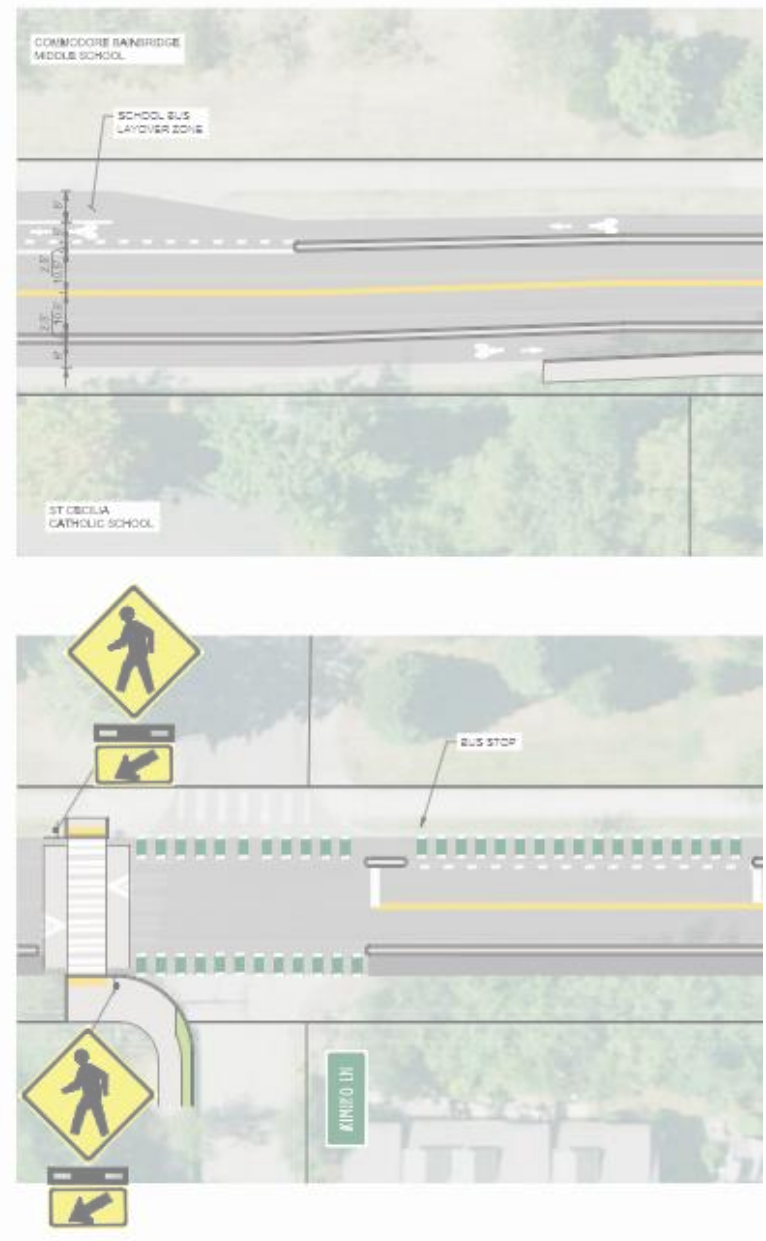


Madison Sidewalk Project Scope Expansion

Christopher Wierzbicki, PE
Public Works Director
August 17, 2021



Agenda

- Project Recap / History
- Potential Project Scope
- Project Funding Considerations
- Determine Next Steps

Project Recap / History – Current Project

- East-side sidewalk widening / ADA improvements between Wyatt and High School Road
- Fed grant funded: \$1.4M grant; \$600K match = \$2.0M
- Design 2021; Build 2022

Project Recap / History – March 23 Council Decision

- Consider combining projects and funding for economies of scale
 - Madison Sidewalk
 - Village Basin Sewer
 - Madison Ave Reconstruction
- Consider Madison separated bike lanes between Winslow and SR305
- \$25K authorized for evaluation

Project Recap / History – Work to Date

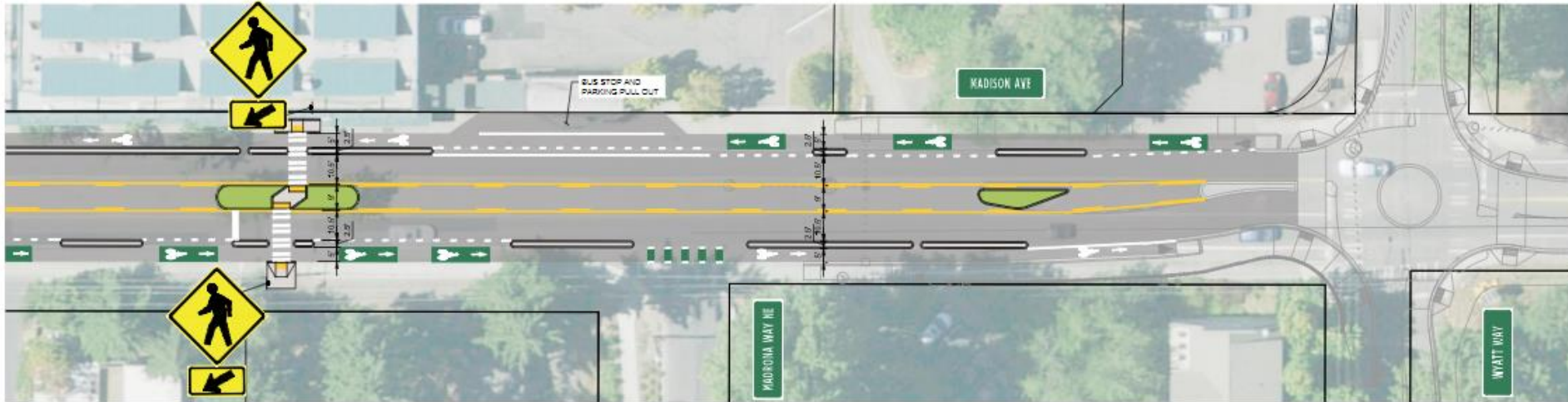
- Hired Toole Design to evaluate project options
- Hosted meeting with STP Task Force
- Hosted virtual open house meeting July 7



Project Recap / History – Public Feedback

- Majority support for project expansion
 - Link to schools
 - Access to multiple destinations
 - Large variety of users
- Retain/add vegetation where possible
- Consider traffic calming elements
- Maintain consistency and/or visual cues

Potential Project Scope – Winslow to Wyatt



SOUTH SEGMENT (WINSLOW WAY TO WYATT WAY)
STREET LEVEL BIKE LANES

- Street-level, physically separated bike lanes – both sides
- Concrete curb and/or raised planter separation
- Street paint for visual cues



Potential Project Scope – Wyatt to High School

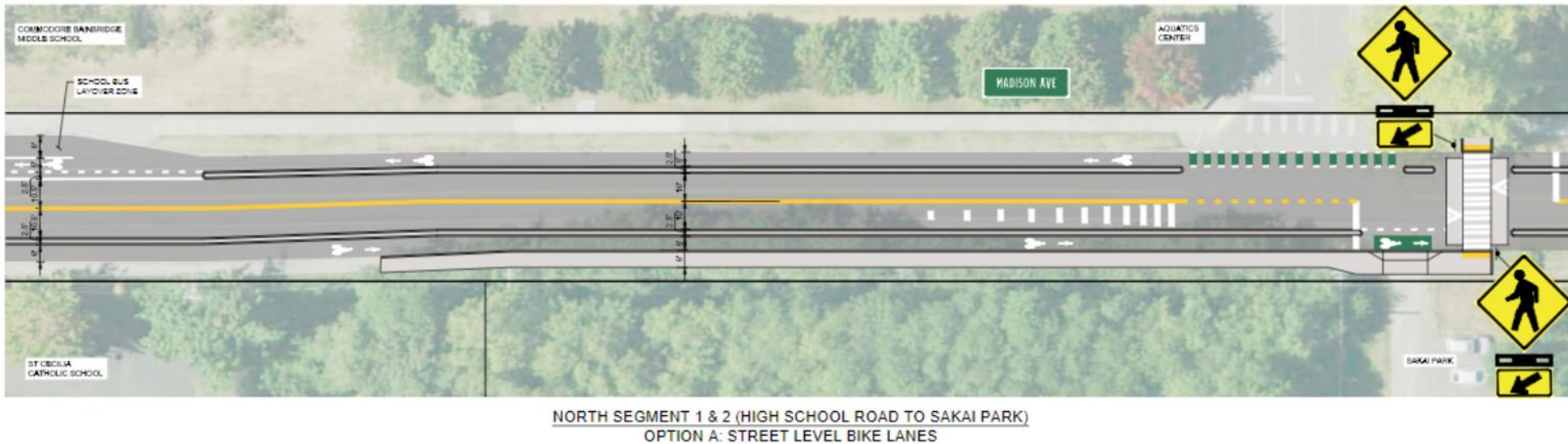


CENTRAL SEGMENT (WYATT WAY TO HIGH SCHOOL ROAD)
OPTION B: NORTHBOUND SIDEWALK LEVEL BIKE LANE, SOUTHBOUND STREET LEVEL BIKE LANE

- Street-level, physically separated bike lanes – west side
- Sidewalk-level, raised bike lanes – east side
- Widened sidewalk – west side
- Street/sidewalk paint for visual cues

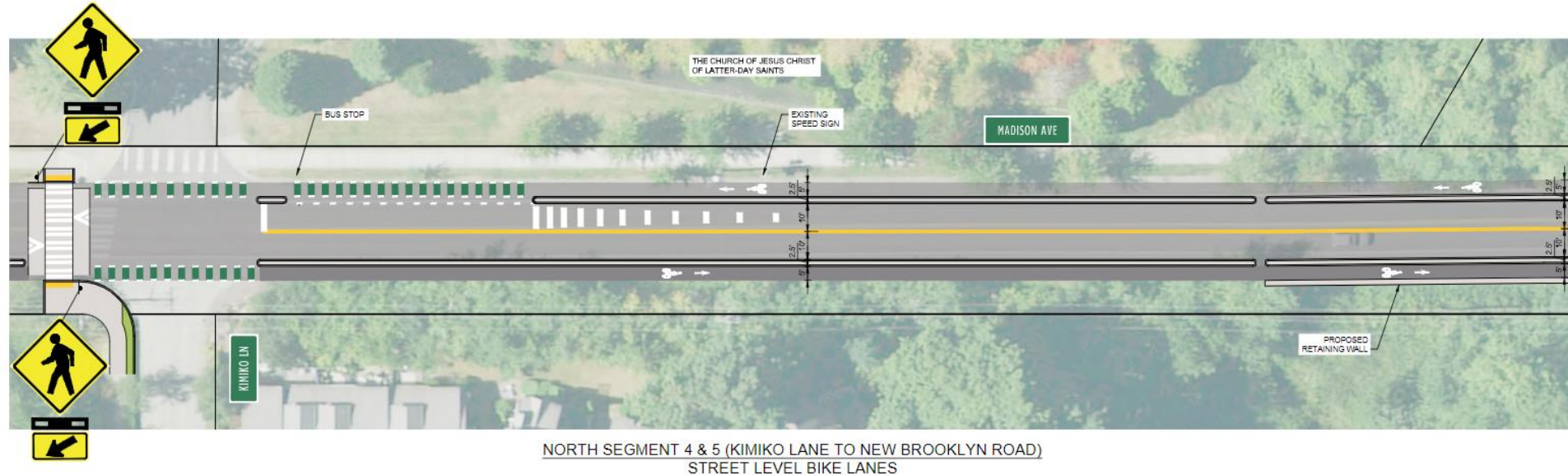


Potential Project Scope – High School to SR305



- Street-level, physically separated bike lanes – east and west side
- Sidewalk gap filling between St. Cecilia's and Sakai Park
- Traffic calming and new crosswalks
- Road reconstruction and sewer replacement

Potential Project Scope – High School to SR305 con't



- Street-level, physically separated bike lanes – east and west side
- Bike lane gap filling on west side
- Traffic calming and new crosswalks
- Road reconstruction and sewer replacement

Project Funding Considerations – Estimated Cost (as shown)

- \$4.2M Design/Construction
- \$1M Contingency (~25%)
- Cost range between \$4.2M - \$5.2M

Project Funding Considerations – Identified Sources

In-Budget Programmed

\$1.4M Federal Grant

\$600K City Match (REET)

\$750K Sewer

\$2.75M

Project Funding Considerations – Identified Sources

In-Budget Programmed

\$1.4M Federal Grant

\$600K City Match (REET)

\$750K Sewer

\$2.75M

In-Budget Un-programmed

\$770K (REET; Streets)**

\$650K 2023 Annual Roads

\$1.4M

(** \$400K Madison Reconstruction; \$150K SR305 Bike Crossings; \$220K Eagle Harbor Phase II)

Project Funding Considerations – Identified Sources

In-Budget Programmed	In-Budget Un-programmed	ARPA
\$1.4M Federal Grant		
\$600K City Match (REET)	\$770K (REET; Streets)**	
\$750K Sewer	\$650K 2023 Annual Roads	\$1M (of \$2M available for trans projects)
<hr/>	<hr/>	<hr/>
\$2.75M	\$1.4M	\$1M
		Total Available = \$5.2M

(** \$400K Madison Reconstruction; \$150K SR305 Bike Crossings; \$220K Eagle Harbor Phase II)

Project Funding Considerations – Economies of Scale

- Combining projects conserves staff resources
- Conservative estimate of combined savings (\$500K):
 - \$365K construction (materials/labor)
 - \$40K staff labor
 - \$70K escalation/inflation
 - \$25K competitive bids

Project Funding Considerations – Options for reducing cost

\$5.2M Expanded project cost

-\$200K Remove south segment (Winslow to Wyatt)

-\$250K Convert central segment to street-level

-\$250K Remove physical barriers on north segment

\$4.5M

Next Steps – Timing (current project)

- Current project (sidewalk expansion only) federal funding on tight timeline
- Start design fall 2021 for construction 2022

Next Steps – Timing (expanded project)

- Expanded project could be postponed for design in 2021-21, construction 2023
- Determine funding approach
 - Move ahead with proposed funding (post ARPA discussion on 8/24)
 - Trim project to desired scope/cost

Madison Sidewalk Project Scope Expansion – Q&A

Christopher Wierzbicki, PE
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