West Lake Sammamish Parkway – Phase 2 Project Phasing Discussion

February 12, 2018

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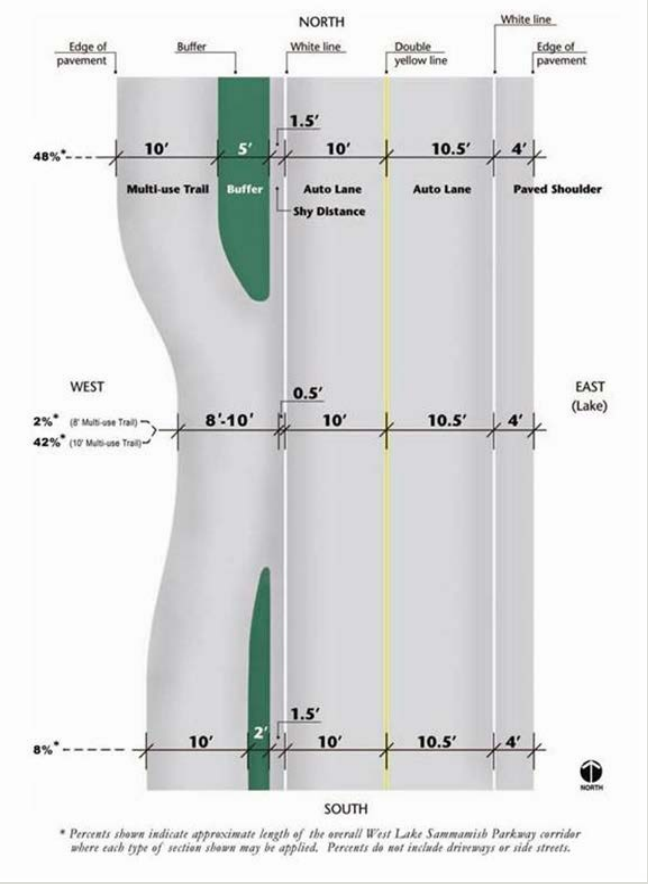
Purpose

Update City Council Regarding the Transportation Commission and Staff Recommendation for WLSP Phase Two

Presentation Agenda

- Project History
- Phased Construction of WLSP
- Sighting - Considerations/Findings
- Next Steps in Process
- Project Schedule

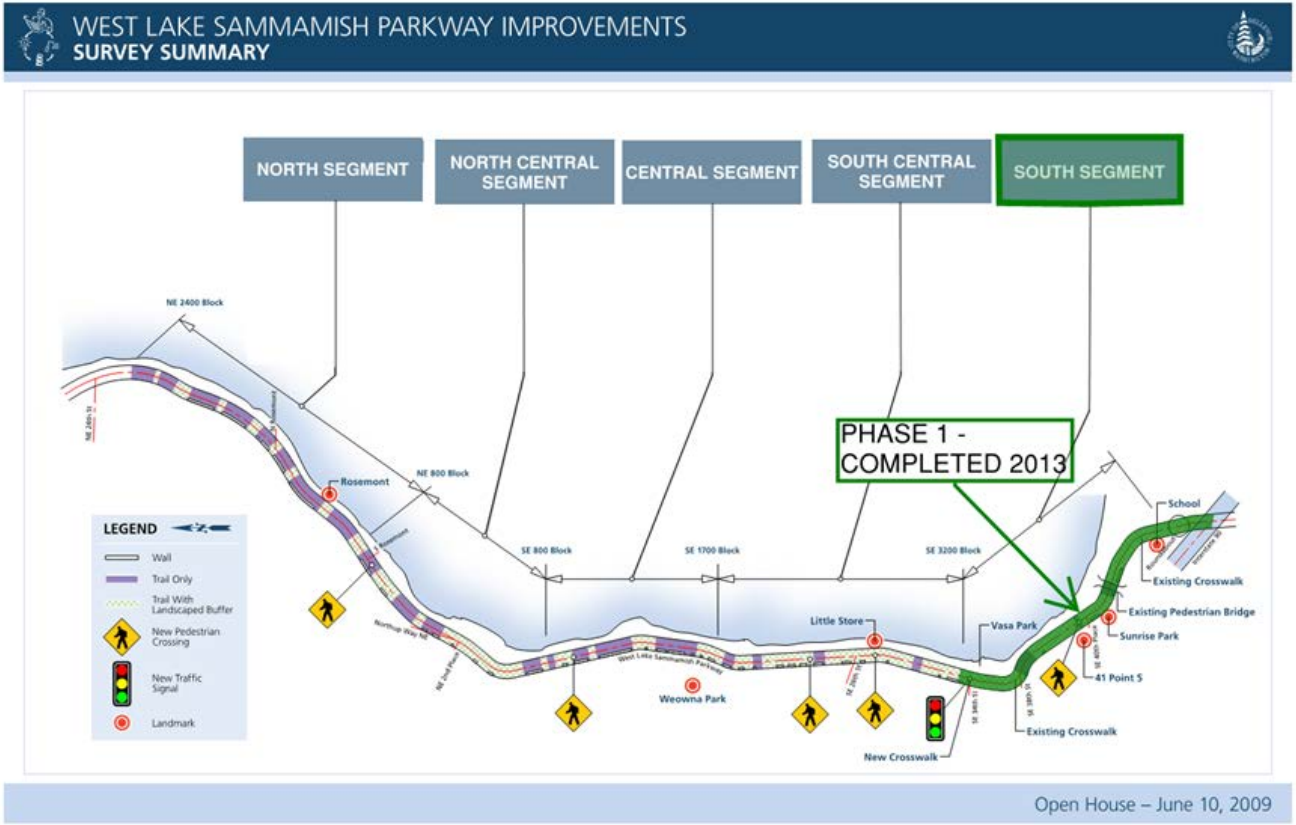


Project History

- 2005 - Council Adoption of Road Cross-section w/Multi-Use Path
- 2009 - City Develops Phasing Plan (5 Segments Identified)
- 2013 - Phase 1 Project Completed (I-90 to SE 34th Street)
- January 2017 - Utility Dept. Begins Watermain Project Design
- May 2017 – Direction to Accelerate WLSP Phase 2
- June 2017 to October 2017 – Develop 5% Phase 2 Plans
- Project Recommendation Memo – December 2017
- January 2018 - Transportation Commission Concurrence with Staff Recommendation to Locate Phase Two in the North Central Segment

Phased Construction (Developed in 2009)

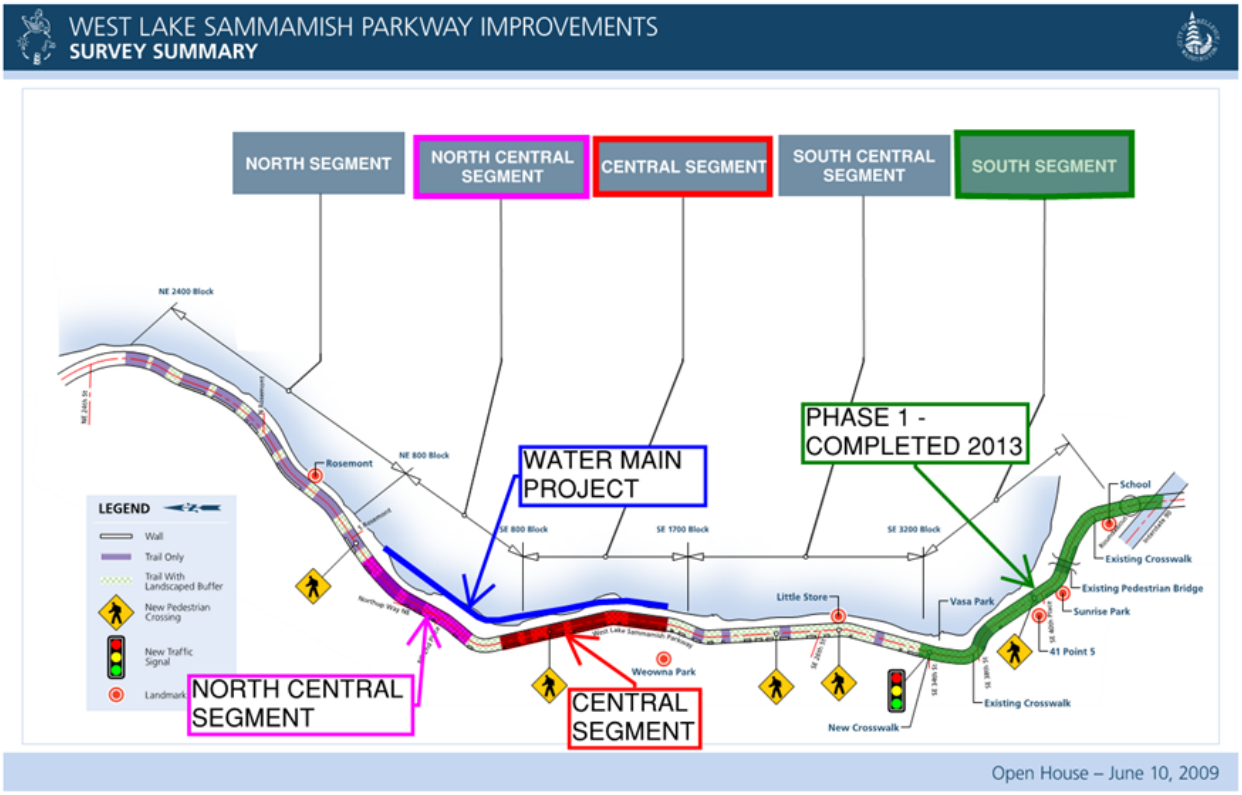
WLSP divided into 5 Segments



Acceleration of Phase 2

- May 2017 Direction - *Combine Roadway and Utilities Projects*
  - Economy of Scale
  - Minimize Impact to Public
    - *Traffic Detours, Construction Duration, Construction Efficiencies*
- Funds Accelerated to 2018 - $8 Million Trans. CIP
- Potential Segments Considered
  - North Central or Central

Acceleration of Phase 2

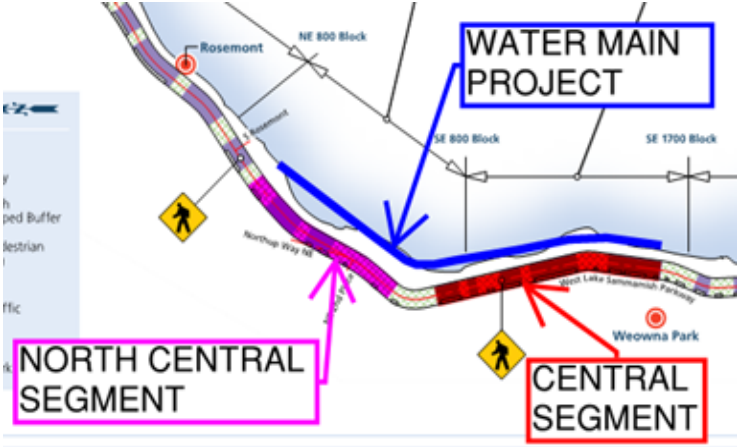


Sighting Considerations

- Determine Best Fit Segment
  - Critical Area Impacts
  - Pavement / Subgrade Soil Condition
  - Size of Structures
  - Driveways Impacts

Findings

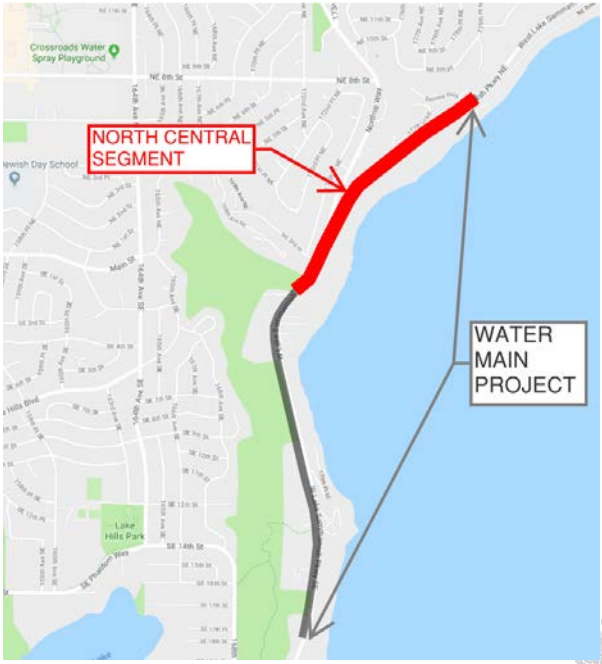
- North Central Segment Advantages
  - o Located within the Watermain/Force Main Work zone
  - o Minor Wetland Buffer Impacts
  - o Better Roadway Subgrade
  - o Shorter Retaining Walls
  - o Lower Number of Driveways



- Central Segment Disadvantage
  - o Cost Risks due to Subgrade
  - o Larger Retaining Walls
  - o Reduce Buffer Area
  - o Higher Number of Driveways with Impacts to Property Owners

Next Steps / Finalize Scope

- City Council Update -tonight
- Community Update
  - o February/March 2018
- Continue Design of Combined Utility and Roadway Project



Project Schedule

- Council Meeting: Phase Two Location - February 2018

  - Complete Design – 4th Quarter 2018
  - Start Construction – 1st Quarter 2019
  - Construction Completion – 1st Quarter 2020

For More Information

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