

CITY OF KENMORE
Public Works Engineering

61st Ave NE Sidewalk Replacement Project

November 20, 2023

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61st Ave NE Sidewalk Replacement

Phase 1 Project Scope

Phase 1 Project Limits: NE 190th Street to North City Limits

- Sidewalk & tree replacement, east side of 61st Avenue NE
- ADA (Americans with Disabilities Act) improvements as needed
- Bike lanes, with removal of right turn lanes and on-street parking
- Curb extensions at NE 193rd Street and 60th Ave NE intersections
- Rapid Rectangular Flashing Beacon (RRFB) pedestrian crosswalks across 61st Avenue NE at NE 193rd Street and 60th Ave NE intersections.
- Speed feedback signs
- Asphalt overlay

Estimated project delivery: 2026



61st Ave NE Sidewalk Replacement

Past Council Discussions

- WSDOT Ped/Bike Grant Accepted (November 2021)
- Presentation on Design Options (July 2022)
 - Three Design Options Presented:
 - Remove (and Replace) Trees
 - Preserve Trees (with Bridging over Roots)
 - Relocate Sidewalk (to Back of Curb, Where Feasible)
 - Council Requested:
 - Reassessment of Options / New Options
 - Public Input



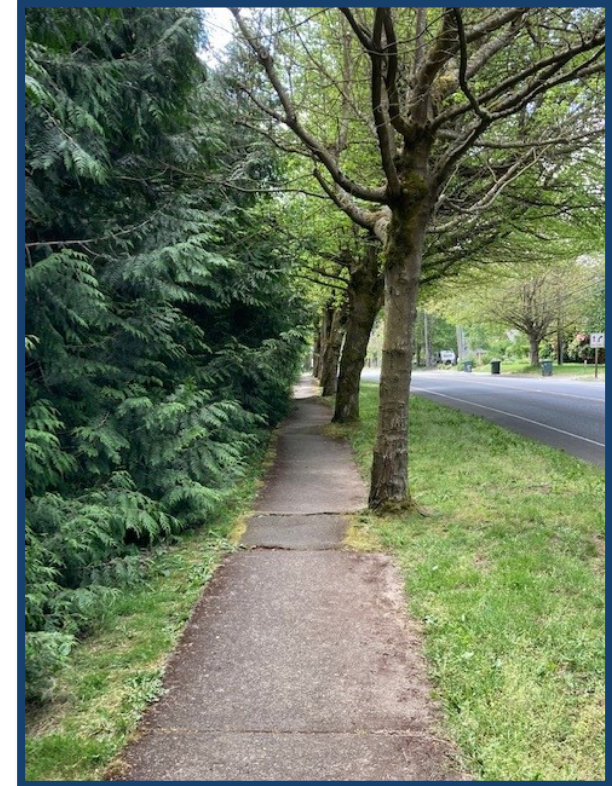
61st Ave NE Sidewalk Replacement

Existing Street Trees

- 65 red maple trees impacting sidewalks.
- Evaluated by a licensed arborist.
- Existing health of trees:
 - Dead (1),
 - Poor (6),
 - Fair (38),
 - Good (18)
 - Excellent (2).

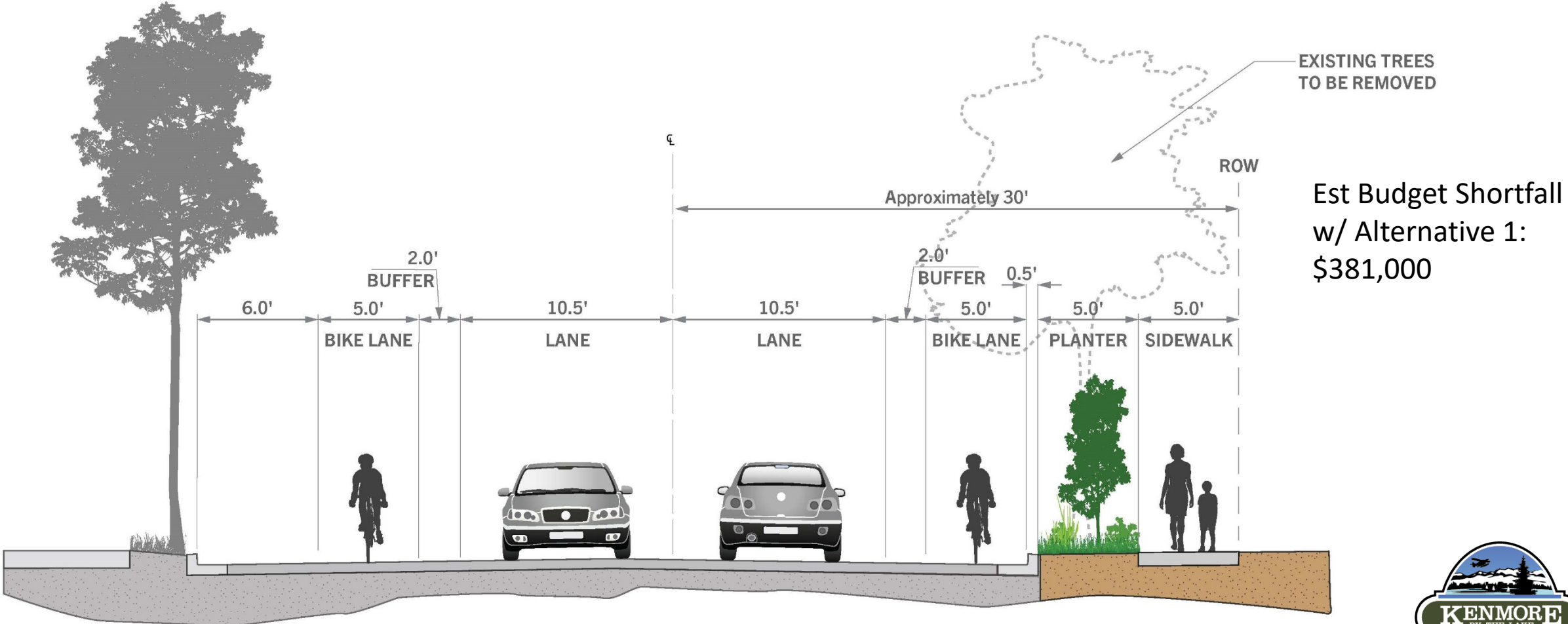
Poor/fair trees are damaged, have reduced vigor, and declining state.

Good to excellent trees are healthy and show no signs of damage.



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Alternative 1 - Remove & Replace Trees

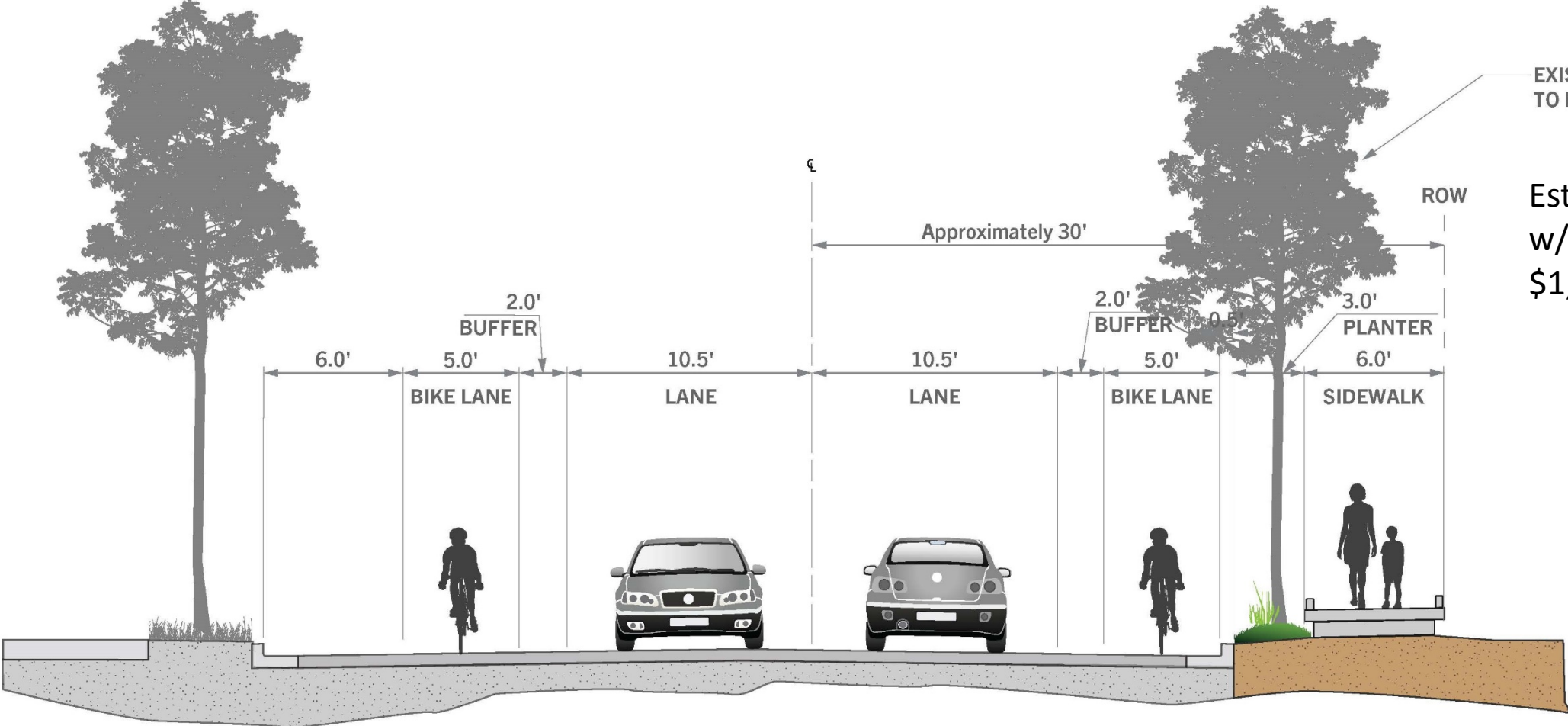


TYPICAL ROADWAY SECTION
ALT 1



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Alternative 2 – Bridge over Roots



EXISTING TREES TO REMAIN

Est Budget Shortfall w/ Alternative 2: \$1,889,000

TYPICAL ROADWAY SECTION
ALT 2



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Alternative 2 – Bridge over Roots

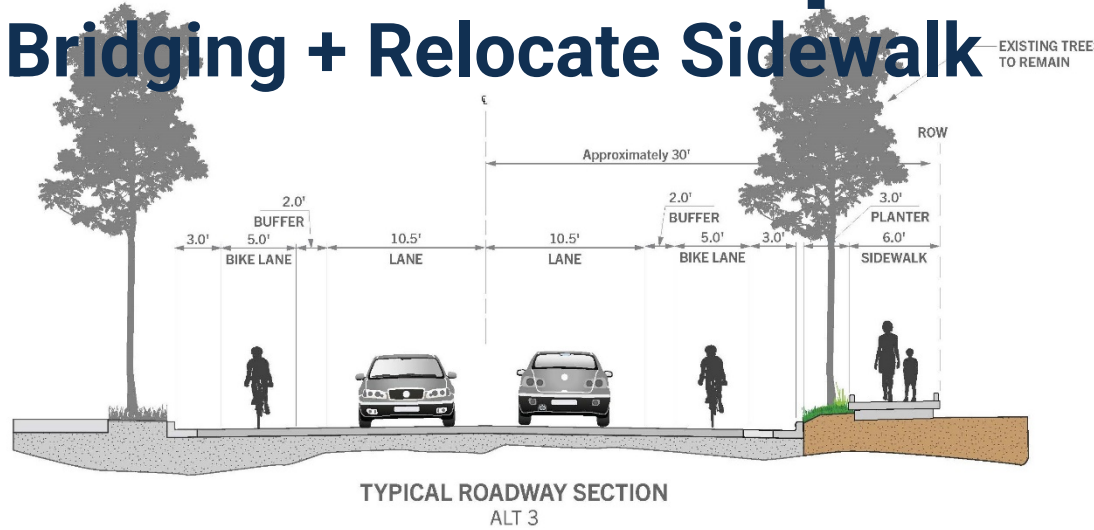


Example: 73rd Ave NE, south of NE 182nd ST

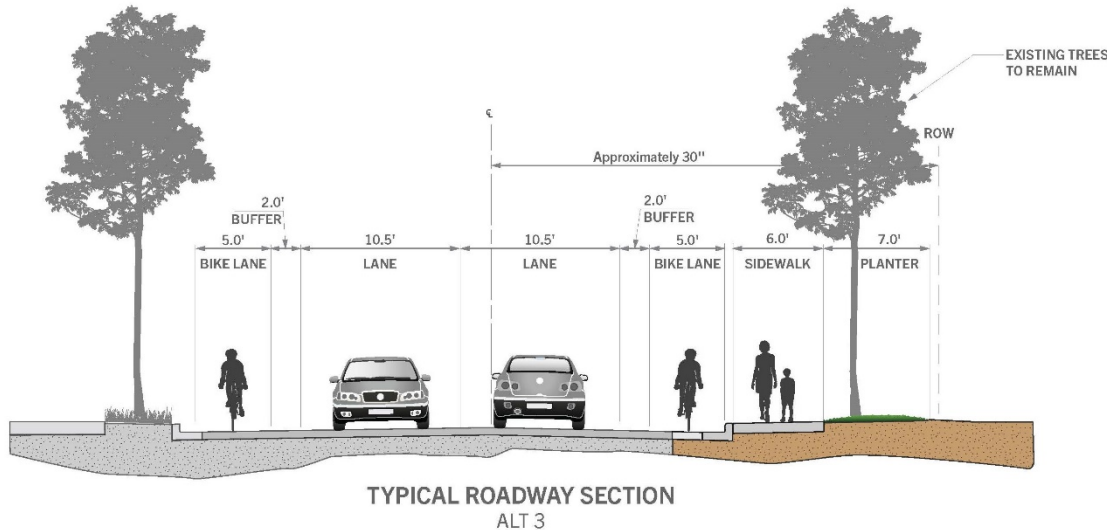


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Alternative 3 – Bridging + Relocate Sidewalk



Est Budget Shortfall
w/ Alternative 3:
\$1,650,000

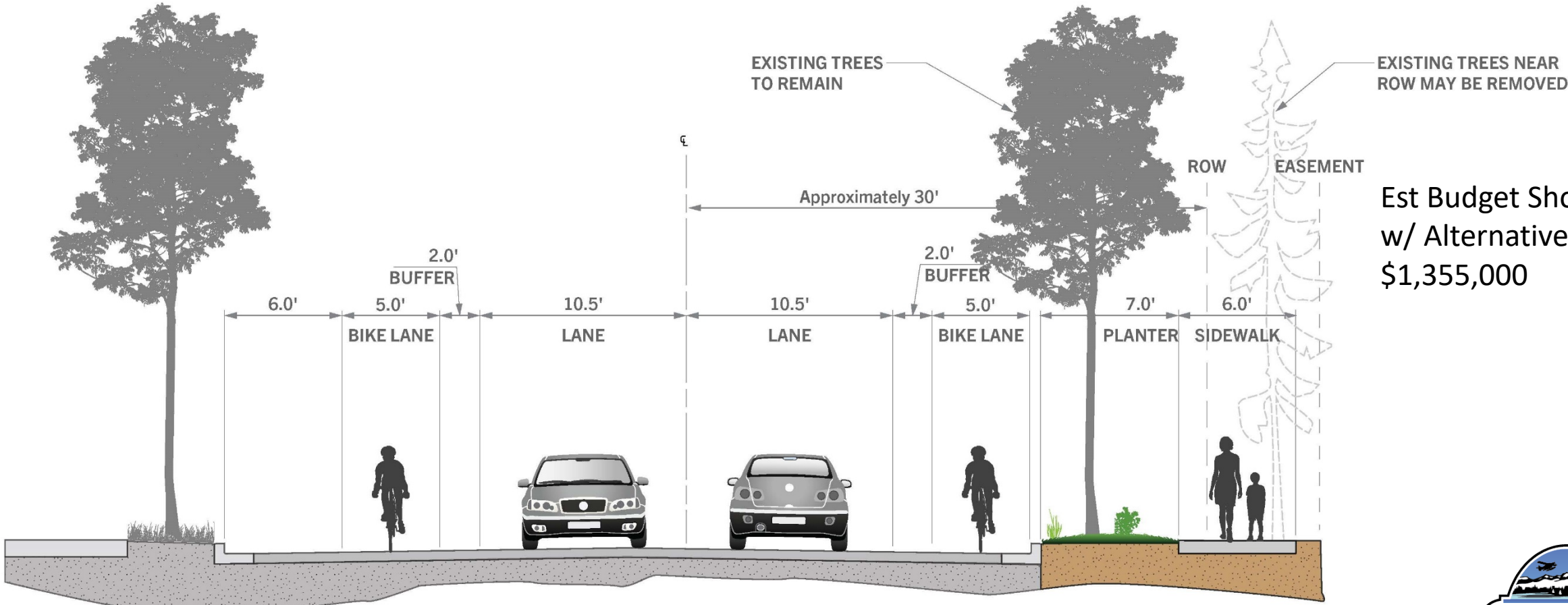


STREET VIEW RENDERING:
NEW CURB AND SIDEWALK CONSTRUCTED
IN EXISTING PARKING AREA



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Alternative 4 – Relocate Outside Public Right-of-Way



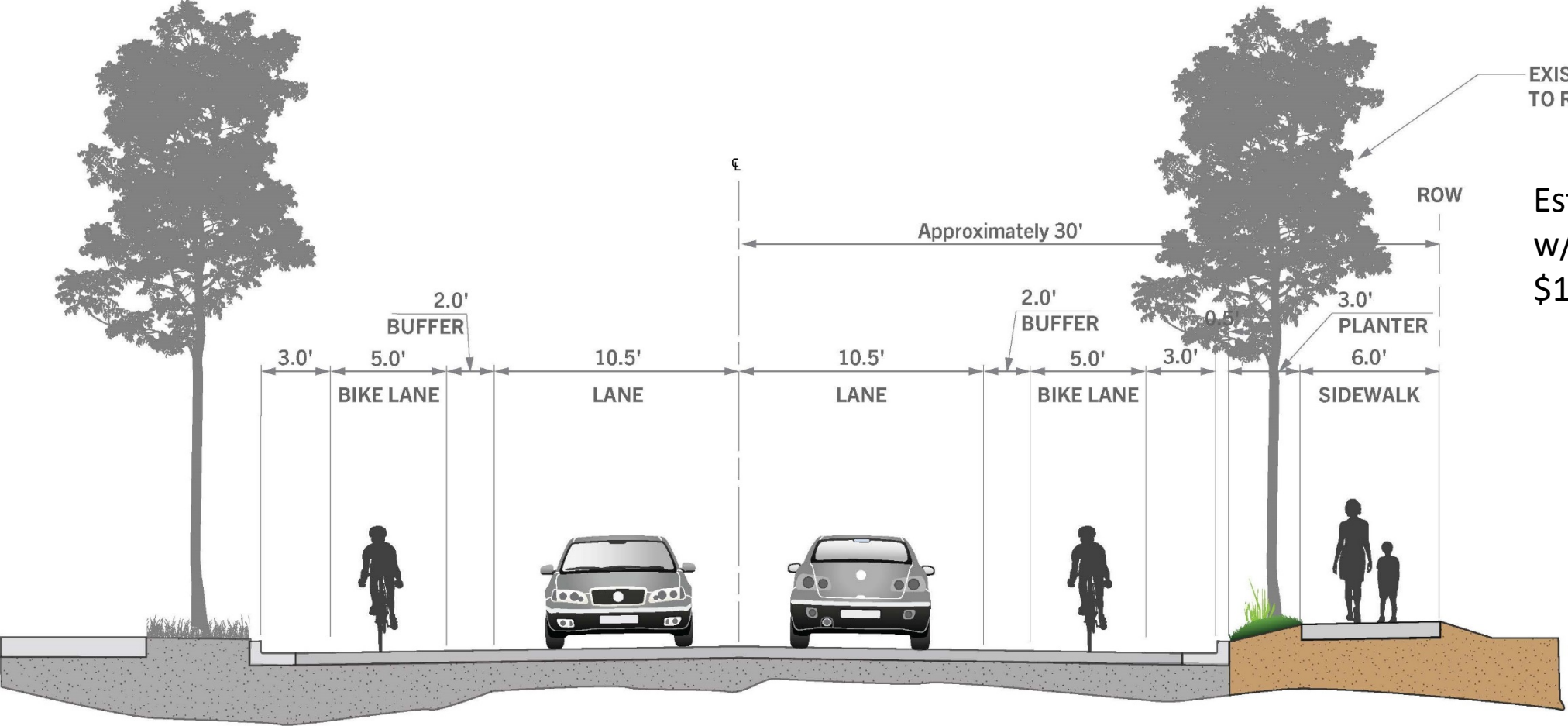
Est Budget Shortfall
w/ Alternative 4:
\$1,355,000

TYPICAL ROADWAY SECTION
ALT 4



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Alternative 5 – Fill over Roots



Est Budget Shortfall
w/ Alternative 5:
\$105,000

TYPICAL ROADWAY SECTION
ALT 5



61st Ave NE Sidewalk Replacement

Public Outreach

- Social Media Channels
- Kenmore Top 4 Short Format Newsletter
- Kenmore Quarterly Newsletter Summer 2023
 - Mailed to all residents, city-wide distribution
- Online Open House (August 6 – September 5, 2023)
 - Total visits: 444
 - Online survey with 119 responses



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Public Outreach Takeaways

- Mixed results:
 - Alternative 1 received the most votes of any alternative, but Alternatives 2 – 5 (which have a preserve the street trees component) made up over 50% of survey respondents;
 - Residents along corridor roughly split on importance of preserving the existing street trees (48% preserve trees; 52% remove and replace trees); Citywide 45% preserve trees, 55% remove and replace trees.
- Vegetated buffers between sidewalk and street were generally preferred.
- Over 50% of residents along corridor did not support right-of-way acquisition for sidewalk.



Staff Recommendation

Staff recommend using a combination of Design Alternatives 1, 2 and 3 to design ADA compliant sidewalk, with the intent of retaining as many street trees as feasible. Replacement street trees, shall be species appropriate for the location with root barrier to protect sidewalk.



Replacement Tree Options



Bowhall Maple



Replacement Tree Options



Sugar Maple



Trident Maple



Request for Council Direction

Which design alternative (or design alternatives) should be used to replace the existing sidewalk for the 61st Ave NE Sidewalk Replacement Project?

