2018 Project Review Sheet (2019 Construction)

City Council District 3
Ballot #3A

Project #	18-313
Project Title:	**Sidewalk Repair along Summit Ave.**
Location:	**Sidewalk along Summit Ave. between Madison St. and Spring St.**

SDOT Project Summary

SDOT approves project
    ☐ Yes
    ☒ Yes, with revisions
    ☐ No

Comments: Replace damaged concrete sidewalk and prune tree roots to prevent future problems with walkway. If additional funding is available can expand scope of improvements to include damaged sections of concrete walkway on Spring Street.

There is an opportunity to partner with another program:
    ☒ Yes
    ☐ No
Partnering Program: Sidewalk Safety Repair

Total Project Cost: $ 90,000

Solution and Comments:
This review has been completed for use in the 2018 Your Voice, Your Choice: Parks & Streets process. Scope includes replacing approximately 1,500 sq. ft. of concrete walkway and expanding several tree pits. Several repairs such as asphalt shims and beveling have already been done as temporary measures to reduce trip hazards. However, over time the cracks and settlement have gotten worse and now require replacement. Root pruning and the installation of root barriers will help mitigate future damage to new concrete walkway.

YVYC 2018: 18-313, Summit Ave. between Madison St. & Spring St.

Image:

Figure 1: Existing Condition - Asphalt Shim

Figure 2: Existing Conditions - Asphalt Shim

YVYC 2018: 18-313, Summit Ave. between Madison St. & Spring St.

Figure 3: Existing Conditions - Asphalt Shim

Figure 4: Existing Conditions - Beveling

YVYC 2018: 18-313, Summit Ave. between Madison St. & Spring St.

Information Provided by Community Members

Project Idea: Sidewalk Repair on Summit in between Madison and Spring

Need for Project: Large tree roots have caused large bumps in the sidewalk, causing a falling hazard for pedestrians.

Community Benefit from Project: Level surfaces will benefit pedestrians using the sidewalk in this high density area.

Risk Registry:

SDOT Review	Drainage impacts	Constructability	Community process
Low	N/A	Medium (tree roots)	Low/Medium (traffic control and pedestrian re-route during construction)

Cost Estimate:

Design Phase	
Preliminary Engineering (Survey) Costs	$ 0
Project Management Costs (City Labor)	$ 2,500
Design Costs	$ 2,500
Subtotal – Design Phase Costs	$ 5,000
Design Contingency (10% of Design Phase Subtotal)	$ 500
Total Design Phase Costs	$ 5,500
Construction Phase	
Construction Costs: (Concrete work)	$ 43,000
Root Pruning ($1,000/tree)	$ 17,000
Drainage Costs	$ 0
Estimating Contingency	$ 6,000
Subtotal – Construction Costs	$ 66,000
Construction Management	$ 4,500
Construction Contingency (Due to location and unknows of tree roots)	$ 14,000
Total Construction Phase Costs	$ 84,500
Total Project Cost = Total Design and Construction Phase Costs	$ 90,000