



City of Stevenson

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To: City Council
From: Leana Kinley, City Administrator
RE: Loop Road Project
Meeting Date: July 18, 2019

Executive Summary:

Staff is applying for Transportation Improvement Board grant funds to repave Loop Road from the intersection of Frank Johns to Columbia Street. Council has outlined many priorities which include utility line undergrounding and removing AC waterlines. To date staff has been able to coordinate these needs within current Plans without an adverse impact on the city's overall budget. Direction is needed on the Loop Road project to determine how far council would like staff to pursue the 2019-2024 Strategic Plan.

Overview of Items:

The Loop Road project consists of:

- Repaving Frank Johns to Columbia
- Installing ADA ramps
- Repairing sidewalk panels
- Replacing the Kanaka Creek culvert
- Repairing and replacing the failing stormwater
- Installing conduit and underground utility lines (not eligible for grant funding and will require trenching through a 150' section of Loop Road that was paved during the Kanaka Creek Avenue project, and was not planned on repaving during this project)
- Replacing 6" AC waterline with 8" ductile iron waterline from east of Kanaka to 62 NW Vancouver, just west of City Hall
- Adding a fire hydrant near City Hall - Currently does not meet 400' Max. Distance to Structures (IFC)

Utility Undergrounding Portion Details and Challenges:

- Moves forward 2019-2024 Strategic Plan goal #7
- Project not included in utilities plan
- Time delay for coordinating and saving costs
- Potential for significant cost impact if funded through city

Waterline Replacement Portion Details and Challenges:

- Moves forward 2019-2024 Strategic Plan goal #14b
- Low priority, not included in 20-year update to Water System Plan
- Engineer estimate of \$125,000 if done as separate project
- Savings of an estimated \$25,000 if done at same time as Loop Road paving
- Large rate increase needed or additional financing and lower rate increase needed to fund

- Other priority projects, such as School St, Smart meters, Frank Johns, etc.
- Next opportunity for combined project 10-15 years.

Sewer Main D Replacement & Extension Portion Details and Challenges:

- Adds ~1,000 ft to sewer collection system, replaces ~300 ft of deficient pipe at an estimated cost of \$900,000
- Not identified as a priority in the 2019-2024 Strategic Plan
- Extension is identified in General Sewer Plan, but as a Low priority—beyond 6 years
- Owners along route have already replaced many of the failing septic systems
- Replacement is only necessary if Main F is diverted or flows increase based on growth
- Savings of an estimated \$50,000 if done at same time as Loop Road paving
- Large rate increase needed or additional financing and lower rate increase needed to fund
- Other priority projects, such as WWTP, Pump Stations
- Next opportunity for combined project 10-15 years.

Vancouver Sidewalk East End:

- Adds ~300 ft of sidewalk between Columbia Ave and City Hall at a planned cost of \$125,000
- Not identified as a priority in the 2019-2024 Strategic Plan
- Identified as index number 12 in the 2020-2025 Transportation Improvement Plan
- High cost for small extension
- Unknown savings estimated if done at same time as Loop Road paving
- Next opportunity for combined project 10-15 years.

Timing Details and Challenges:

- Construction will occur around the same time as the Russell Ave project
- If delayed a year, it will coincide with the First Street project
- Large projects take staff time and community challenges
- Westbound lane from Kanaka to Columbia is deteriorating and something will need to be done in the next year or two to address it.

Action Needed:

Include city-funded undergrounding of utilities in the project - Yes/No

Include replacement of the AC waterline - Yes/No

Include sewer line replacement and extension - Yes/No

Include Vancouver Sidewalk - Yes/No

Construct the project in 2020/2021/2022

*2021 or later, additional costs will be incurred to repair the westbound lane from Kanaka to Columbia.