



Memorandum

Date: 5/10/2022
Meeting of: City Council Study Session

File No. SS 22-033
Type: Study Session

TO: Members of the City Council
FROM: Mayor Angela Birney
DEPARTMENT DIRECTOR CONTACT(S):

Public Works	Phil Williams	425-556-2880
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DEPARTMENT STAFF:

Public Works	Steve Flude	City Engineer
Public Works	Paul Cho	Engineering Manager
Public Works	Steve Hartwig	Engineering Supervisor
Public Works	Adnan Shabir	Senior Engineer

TITLE:

Pavement Preservation Program Update

OVERVIEW STATEMENT:

The City's pavement condition has been in decline over the last decade or so. Currently, about \$8.8 Million of paving projects are funded in the 2021-2026 CIP with an additional \$400,000 funded in 21-22. This equates to funding of approximately \$1.7 Million per year. This level of funding is not yet sufficient to keep pavement condition stable and at the level of service specified by City Council.

Staff will present data on the current pavement conditions in the city's street network and how quickly that is changing. Staff will also discuss options available to stabilize and maintain the system.

☒ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☒ **Receive Information** ☐ **Provide Direction** ☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Transportation Management Plan
- **Required:**
N/A
- **Council Request:**
N/A
- **Other Key Facts:**

Streets Operations purchased a crack sealer in 2021 to crack seal neighborhood roads and started crack sealing in Fall 2021. Additional crack sealing is planned in the coming years. Crack sealing operations are a good approach for roads still in relatively good condition to extend their useful life before more expensive remedies are required. Most of the City's arterial streets are not good candidates for crack sealing due to their current pavement condition.

OUTCOMES:

Pavement is one of the highest value assets the city owns and maintains, and it is declining rapidly in quality. The sooner the city can increase our current investments in pavement preservation the less costly it will be to bring pavement conditions back to acceptable levels and keep them there.

Well maintained pavement is a vital part of the City's transportation network and our economic vitality. It promotes the movement of commerce, connects people to their destinations, and supports our emergency response system. It also provides our citizens safe access to schools, services, work, and leisure activities.

Additional investment in the City's pavement infrastructure is needed to ensure the long-term sustainability of our street network.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
N/A
- **Outreach Methods and Results:**
N/A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:

2021-2026 Approved CIP Paving Projects: \$8.8 Million

Approved in current biennial budget: ☒ **Yes** ☐ **No** ☐ **N/A**

Budget Offer Number:

N/A

Budget Priority:

Vibrant and Connected

Other budget impacts or additional costs: ☒ **Yes** ☐ **No** ☐ **N/A**

If yes, explain:

N/A

Funding source(s):
Please see Attachment A

Budget/Funding Constraints:
N/A

☒ **Additional budget details attached** (Attachment A)

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
4/5/2022	Committee of the Whole	Receive Information

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
N/A	None proposed at this time	N/A

Time Constraints:
N/A

ANTICIPATED RESULT IF NOT APPROVED:

The presentation is designed to bring awareness to the issue of declining pavement condition prior to upcoming operational and CIP budget discussions. If current funding levels are maintained, pavement condition will continue to decline rapidly. This is true throughout the city's street network but is particularly acute on our arterial streets where we have a large backlog of needed repaving projects that have accumulated over time.

ATTACHMENTS:

Pavement condition presentation