City of Sumner Pavement Management Program

March 22, 2019
Michael Kosa
Associate City Engineer
This Presentation is NOT...

- A Highly Polished Presentation (first time!)
- A final product
- A recipe for success
This Presentation IS...

- Truthful
- A fledgling program
- An energized program
- A City Council supported program
- Our story today
City of Sumner Roadway Facts

• 125 Lane-Miles of Roadway
• Average PCI 88(?)
• Street Preservation from General Fund
• Biennial Budget
• Grant -focused approach to streets funding
2000-2010: In The Beginning

- Years of deferred maintenance
- Razor-thin preservation budgets
- Reliance on grants
- Ad-hoc approach to repairs
2010-2018: Strategic Budget Use

- Council Action: property tax committed to 20-year cycle chip seal program
- Challenge: no way to chip seal unprepped roads
- Shop Staff relatively unavailable for crack sealing
2010-2018: Strategic Budget Use

• Result:
  – Prepped roads with funds
  – Small chip seal program
  – Program not meeting expectations
Enter the Ring: Super-staff!

- Public Works turnover 2015-2017:
  - 3 of 6 engineer positions turned over, including PW Director
  - Changing Hats
- Full Staffing since May 2017!

Allergic to cameras
2018: Lurching Forward

• 2018 Budget Amendment
  – Plastic Markings
  – Anti-Icing Equipment
  – Addl Pavement Repairs

• 19/20 Funding requests based on identified need

• Crack Sealing removed from Shops Responsibility
2018 and Beyond: Righting the Ship

- Described preservation through logical discussion
  - Developed costs for completing city-wide preservation needs
  - Requested increased budget for crack seal and pavement repairs

SUCCESS WITH COUNCIL!
# New Program Rollout (2019)

<table>
<thead>
<tr>
<th>Program Element</th>
<th>When?</th>
<th>Which Roads?</th>
<th>Funding Cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crack Seal Application</td>
<td>Annual</td>
<td>All</td>
<td>5 year</td>
</tr>
<tr>
<td>Pavement Repairs</td>
<td>Annual</td>
<td>All</td>
<td>As needed</td>
</tr>
<tr>
<td>Chip Seal</td>
<td>Biennial</td>
<td>Local and Collectors</td>
<td>15 year</td>
</tr>
<tr>
<td>Overlay</td>
<td>Unknown</td>
<td>Arterial</td>
<td>TBD</td>
</tr>
<tr>
<td>Line Striping</td>
<td>Annual</td>
<td>Existing Striped</td>
<td>1 year</td>
</tr>
<tr>
<td>Plastic Markings</td>
<td>Biennial</td>
<td>All Markings</td>
<td>7 year</td>
</tr>
<tr>
<td>Hydrants</td>
<td>As needed</td>
<td>N/A</td>
<td>As needed</td>
</tr>
</tbody>
</table>
Upcoming Challenges

- Implementing new preservation elements
- Start-up struggles
- Right-sizing scope of preservation projects
- Refining future budget requests
Questions?