Background

- Roads are a significant source of impervious area
- Road designs are based on standards that allow for safe travel by different users and emergency access
- In Thurston County, city standards are generally applied to roads in the UGAs
- Fire trucks used in Thurston County can be 10-feet wide from mirror to mirror and have a wide turning radius
- Fire trucks respond to many types of emergencies – not just fires
Focus on Streets and Roads

• Are travel lanes wider than required by the fire department or emergency responders?
• Can street widths for local access roads be reduced?
• Are narrower widths allowed on roads where there are no buildings, or where on-street parking is not needed?
• Can permeable pavement be used for road shoulders, parking lanes, and emergency parking areas?
• Does the code require or encourage use of permeable pavement for future road resurfacing projects?
# Focus on Streets and Roads

<table>
<thead>
<tr>
<th></th>
<th>Arterial</th>
<th>Collector</th>
<th>Local Access</th>
<th>Private Road</th>
<th>Cul-de-sac</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thurston County</strong></td>
<td>12 feet</td>
<td>11 feet</td>
<td>10 feet</td>
<td>8 feet</td>
<td>20 feet travel lane</td>
</tr>
<tr>
<td><strong>Olympia</strong></td>
<td>10 feet</td>
<td>10 feet</td>
<td>12 feet (one lane only)</td>
<td>-</td>
<td>47 feet radius</td>
</tr>
<tr>
<td><strong>Lacey</strong></td>
<td>11 feet</td>
<td>11 feet</td>
<td>10 feet</td>
<td>11 feet</td>
<td>45 feet radius</td>
</tr>
<tr>
<td><strong>Tumwater</strong></td>
<td>12 feet</td>
<td>10-11 feet</td>
<td>10-11 feet</td>
<td>10-11 feet</td>
<td>32 feet radius</td>
</tr>
</tbody>
</table>

Comparison of Required Lane Widths (most streets have 2 lanes)
Recommendations

• No proposal to narrow most street widths at this time
• No proposal to use pervious surfaces for public roadways at this time

• Allow some designs that require variances currently to become a standard option
  ➢ Two-track driveways
  ➢ Standard surface 8-foot driveway with alternative surfaces in shoulders
  ➢ Roads serving 6 or fewer homes can be 12-feet wide, with pullouts
  ➢ Curb cuts to enable flow of stormwater into bioretention

• Allow for placement of bioretention facilities in the right-of-way
Discussion

• What do you think of the recommended road standard changes?
• Are there additional issues related to roads that the County should consider in its review?