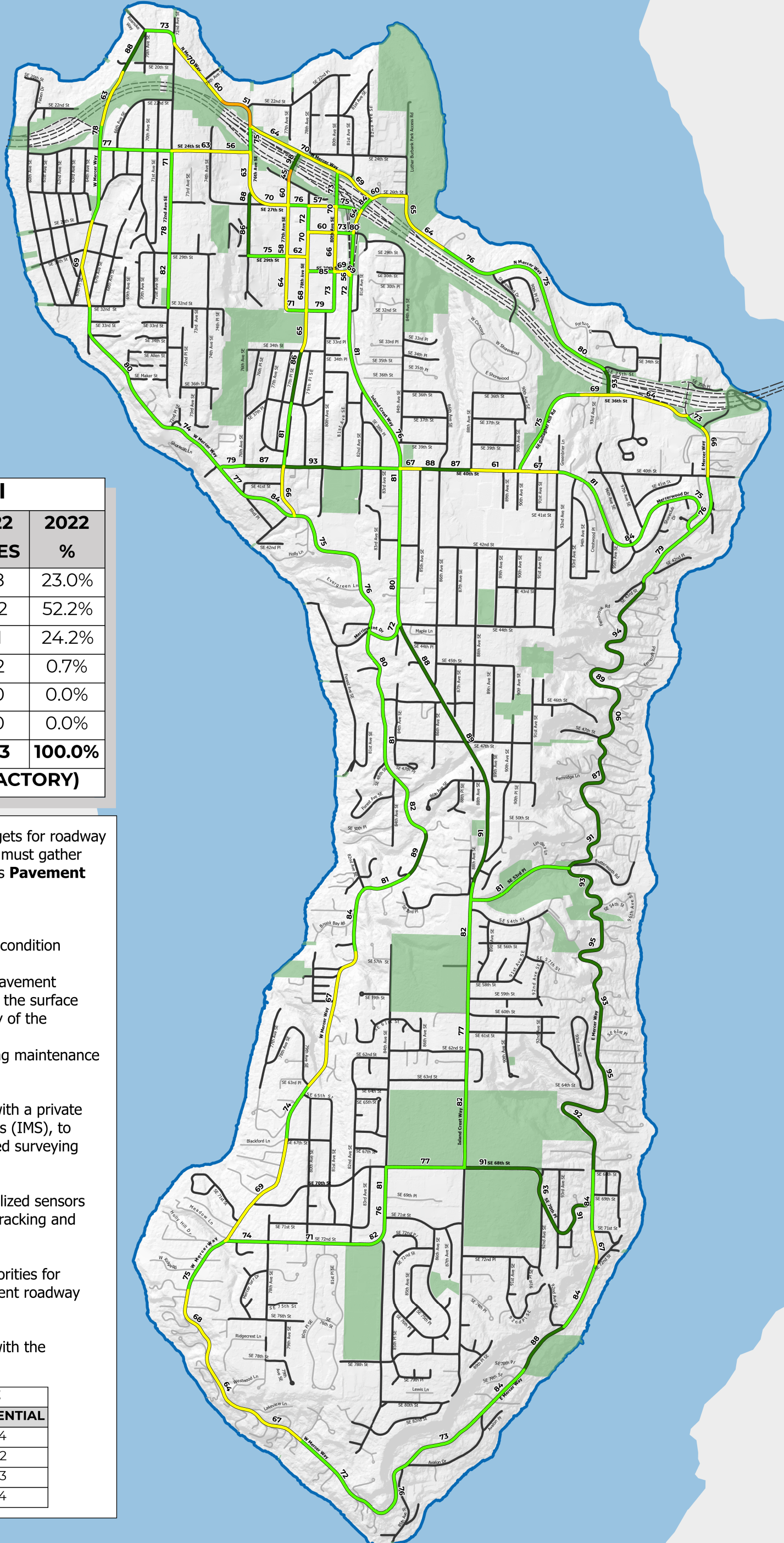




2022 PAVEMENT CONDITION INDEX (PCI) Arterial Streets



2022 ARTERIAL PCI

COLOR	CONDITION RATING	2022 MILES	2022 %
	Good 86-100	5.8	23.0%
	Satisfactory 71-85	13.2	52.2%
	Fair 56-70	6.1	24.2%
	Poor 41-55	0.2	0.7%
	Very Poor 26-40	0.0	0.0%
	Failed 0-25	0.0	0.0%
	TOTAL	25.3	100.0%

ARTERIAL AVERAGE: 75 (SATISFACTORY)

In order to develop long-term plans and budgets for roadway maintenance on the Island, engineering staff must gather information on pavement conditions known as **Pavement Condition Index (PCI)**.

Pavement Condition Index (PCI):

- A numerical indicator that rates the surface condition of the pavement
- A measure of the present condition of the pavement based upon the visual distresses observed on the surface
- A general indicator of the structural integrity of the pavement
- A rational and objective basis for determining maintenance and repair needs and priorities

In the summer of 2022, the City contracted with a private company, Infrastructure Management Services (IMS), to complete a detailed inventory using specialized surveying equipment.

Vans were equipped with cameras and specialized sensors that measure pavement roughness, rutting, cracking and other surface distress.

The data is used for the City to update its priorities for long-term roadway maintenance to best prevent roadway degradation.

The City conducts this survey every 3 years with the following average overall PCI score results:

PCI YEAR	AVERAGE PCI SCORE		
	OVERALL	ARTERIAL	RESIDENTIAL
2022	74	75	74
2019	74	77	72
2016	75	79	73
2013	75	79	74