

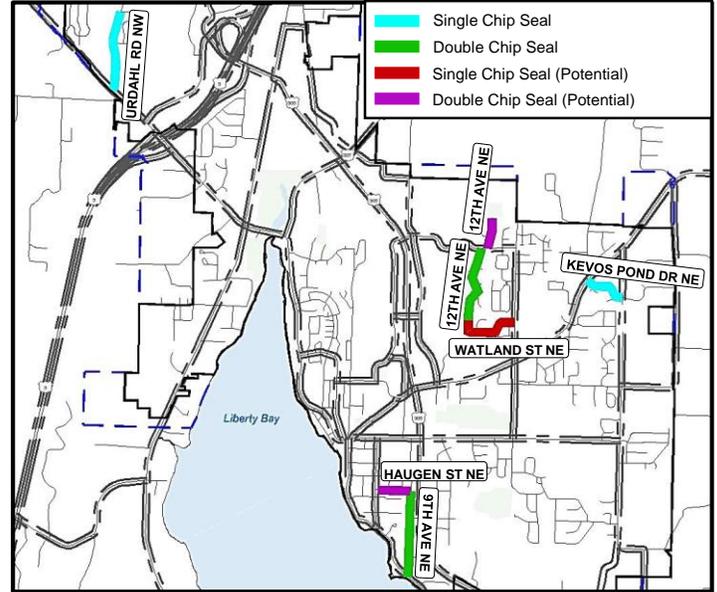


# CITY OF POULSBO PAVEMENT MAINTENANCE DEMONSTRATION PROJECT

## PURPOSE

The City of Poulsbo is working diligently to address the overall poor condition of our neighborhood streets. Numerous municipalities have found chip seals to be 20% the cost of pavement overlays, allowing more streets to be addressed with significantly lower cost implications. The purpose of this project is twofold; first, to demonstrate the chip seal method to residents living in the city limits, and second, to seek public input on its acceptability on neighborhood streets.

A recent pavement condition survey has found over 60% of Poulsbo's roadways are in immediate need of attention. The City is developing a comprehensive pavement maintenance and preservation plan that includes preferred preservation methods and an associated funding strategy. If the demonstrated chip seal methods are acceptable, the funding strategy can address a greater number of roadways.



**The key component of this demonstration project is public input! Residents are highly encouraged to become familiar with the roadway condition before and after installation of the chip seals.**

Please send us your feedback at [publicworks@cityofpoulsbo.com](mailto:publicworks@cityofpoulsbo.com)

## CONSTRUCTION PROCESS

### WEEK 2

Approximately 2 weeks after aggregate is applied, the new surface will be cured and City crews will resume normal street sweeping if any loose chips remain.

### WEEK 1

Approximately 1 week after aggregate is applied, the street will be swept again and an additional layer of liquid asphalt will be applied on top of the aggregate.

### DAY 1

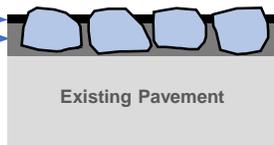
A layer of liquid asphalt and aggregate are applied to the existing roadway in a single day. Once the oil is dry, a street sweeper will pick up most of the loose aggregate within one day of application.



Reference: WSDOT



Reference: INDOT



Existing Pavement



Existing Pavement

## CHIP SEAL FACTS

- Chip seal is a relatively quick construction process; traffic can typically resume reduced speed use of the roadway within six hours of closure and normal speed operation is typically possible after the second sweeping of excess chips.
- Traditional chip seals often have a rough surface and a tendency to loose chips over time. This project will use smaller diameter chips and additional liquid asphalt on the top layer of the chip seal treatment to help prevent these issues and leave the new surface black and visually similar to regular asphalt.
- Chip Seals are typically reapplied every 7 years and offer a cost effective alternative for maintaining city streets in good condition.

## DOUBLE CHIP SEAL

- For more severely deteriorated streets, two layers of aggregate and liquid asphalt (double chip seal) will be applied during the first day. This will provide an added measure of underlying durability prior to the final asphalt application during the first week.

Construction takes place July and/or August of 2017. For additional information and schedule updates, visit: [www.cityofpoulsbo.com/pavement-maintenance-demonstration-project/](http://www.cityofpoulsbo.com/pavement-maintenance-demonstration-project/)