



# Our Community Investment in Safe Transportation

## Transportation Division



### Like City of The Dalles- City Hall on Facebook for timely construction alerts

Transportation crew summer work hours: 6:30 a.m. to 5:00 p.m. No parking zone signs will be placed 48 hours before each project begins. Motorists are asked to park vehicles outside of the work zone during work hours. To report abandoned autos (extended parking with flat tire, storing junk, expired tags or broken windows) call (541) 296-5481 x1153.

## The Dalles Pavement Management Program: A Wise Investment

The Transportation Division primarily manages the operation and maintenance of over 99 miles of paved city streets, bicycle paths, sidewalks, unpaved alleys, public pedestrian access paths and right-of-ways.

The Transportation fund's primary sources of revenue:

- Oregon State Motor Vehicle Fund
- 3-cent City gas tax
- City Water & Sewer Impact Fees
- City General Fund

Road condition assessments are conducted annually. The City directs limited resources to protect the significant investment our community has made in safe transportation. Pavement preservation projects are some of the most visible work of the Transportation Division.

## Preventative Maintenance Makes the Most of Our Community Investment



Crack seal and chip seal needed



Pavement overlay needed



Pavement inlay needed

## Types of Pavement Preservation

**CRACK SEAL-** Is a spot treatment injected into cracks in existing pavement surfaces to prevent intrusion of water and weeds. Plant root intrusion widens cracks and can hasten degradation of the road surface. Crack seal provides a cost-effective way to extend the service life of existing roadways.

**The crack sealing crew moves quickly along the work area, causing minor traffic disruption.**

**CHIP SEAL -** Is the application of a special protective wearing surface to an existing pavement. A thin layer of liquid asphalt is sprayed down in front of the chip spreader by a distributor. A dump truck full of chips (crushed rock) locks onto a chip spreader which is pulled backwards. The chips spread over the liquid asphalt are then compacted by rollers. Chip seal maintains the pavement structure by reintroducing oil into the surface. Rock is pressed into the liquid asphalt to provide traction.

**SCRUB SEAL –** Is similar to chip seal treatment. Instead of spraying liquid asphalt, an emulsion is mechanically scrubbed into cracks to make a better seal. Then the chips are spread and compacted into the emulsion.

**Chip seal and scrub seal projects require total closure of the street for a day.** Equipment is slow moving and must cover the same area multiple times. Once the crew has left the work area, the rock is left on the road surface for seven to ten days so that vehicle traffic can continue to lock the rock into the liquid asphalt. Excess chips are then removed by sweepers to be reused on the next chip seal project.

**OVERLAY -** Is the paving of a second layer of asphalt over existing asphalt. Severely damaged or cracked areas may need structural repair prior to overlay. Overlays restores the structure and lengthens the useful life of failing asphalt roadways. This treatment costs significantly more than chip seals. Overlays are limited to areas with adequate curbs height or where no curb exists.

**INLAY -** Is the removal of the existing surface of asphalt to a predetermined depth. After the pavement is removed a thick new layer of fresh asphalt is paved back in place of the old asphalt. Inlay is the most expensive pavement preservation method and is used to replace sections of failed roadway. **Overlay and inlay projects may close a street for several days.**

## Work Zone Safety is Everyone's Responsibility

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**SLOW  
FOR THE  
CONE  
ZONE**



Slow down before and throughout areas marked with cones.



Watch for workers; drive with caution



Allow ample space between you and the car in front of you



Expect delays, especially during peak travel times

To view Transportation Division activities visit the City website at [thedalles/transportation](http://thedalles/transportation) or contact the Public Works office at (541) 296-5401.