

SUBJECT	ISSUED BY	EFFECTIVE DATE	REVISION
<p align="center">Public Works Chip and Seal Brooming Policy</p>	<p align="center">Board of County Commissioners</p>	<p align="center">06.10.2020</p>	<p align="center">1.0</p>

A. OVERVIEW

The Public Works Department facilitates the application of chip and seal on the hard-surfaced roadways of Leavenworth County as an asphalt maintenance measure. The application of chip and seal has been shown to extend the life of asphalt and reduce the overall cost of ownership of asphalt roads. This plan is to be used as a guideline for the preparation of the roadway for the application of chip and seal and the post-application best practices and procedures that help ensure the quality of the seal coat. The intent of this plan is to produce the most cost effective and fastest procedure available that utilizes equipment that Leavenworth County has procured and does not require equipment rental. In order to sustain recommended asphalt maintenance cycles, Leavenworth County Public Works must seal 75-110 miles of roadway during each summer season.

B. MISSION

The Public Works Department will utilize the space within their right-of-way to broom loose aggregate and dirt from the hard-surface roadway prior to the application of chip and seal and after the application when the chip and seal has cured enough that the brooming of the surface does not remove aggregate from the applied road oil. The intent of this policy is to establish and acknowledge that the county utilizes brooming only and does not vacuum sweep, or collect and remove in any fashion, the loose aggregate on the roadway. The county recognizes the sensitive nature of those areas where property owners maintain mowed yards to the edge of the hard surface but, due to the large number of miles of roadway that require maintenance and the lack of available equipment for sweeping, Public Works cannot offer a level service that includes the collection of loose aggregate at this time.


C. EXECUTION

It is the intent of the Public Works Department to follow the standards set forth by the 2015 KDOT Standard Specifications for State Road and Bridge Construction: Division 600 – Flexible Pavement; Section 608 – Chip Seals; Sub-Section 3 – Construction Requirements; (a) Preparation of Surfaces - Before applying asphalt material, clean all foreign material from the surface to be treated. Broom surface to remove dust AND (g) Manipulation - Broom the loose cover material from the surface of the traveled way as soon as the asphalt material has cured

enough to prevent damage by brooming or vehicular traffic. Continue periodic brooming until all loose aggregate has been removed. Perform a minimum of 1 light brooming of the cover material, before opening to traffic. Additional broomings may be required before opening to traffic to prevent the cover material from being picked up by moving vehicles.

CONTACT INFORMATION

Road & Bridge County Shop (Daytime) (913) 727-1800



BOCC Chairmen

06/10/2020

Date of Adoption