



## PUBLIC WORKS & NATURAL RESOURCES

### TRANSPORTATION

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Dear Resident,

As part of the City of Longmont's annual Pavement Management Program, a street near you has been selected to receive a preventative maintenance treatment called a chip seal. Enclosed is a complete list of streets selected for 2018. This program is funded by the City's voter-approved,  $\frac{3}{4}$ -cent Street Fund sales and use tax to help maintain Longmont's streets for a safe and efficient transportation system. The chip seal application will be performed by contractors working for the City under the supervision of a City inspection team.

### What is a chip seal and why is it used?

Chip sealing is a preventive maintenance treatment that consists of the application of crushed aggregate or gravel (chips) over an emulsified asphaltic oil. A chip seal is applied to streets that are in relatively good condition but have begun to deteriorate. Chip sealing is a cost effective method used to prolong the useful life of the street and delay more expensive types of rehabilitation.

### How is chip seal applied?

#### Preparatory Work, Crack Sealing – Scheduled for April/May/June

First, the road is prepared for chip seal by filling and sealing any cracks using an asphalt-based tar material. Crack sealing typically occurs a couple of months in advance of the actual chip seal application. Additional information is provided on the back of this letter to describe what to expect during crack sealing operations.

#### Chip Seal, Phase 1 - Scheduled for July/August

Once chip seal activities begin, streets will be swept to remove any vegetation and debris followed by the application of asphaltic material and placement of aggregate. This process does not require a full street closure but may result in temporary delays. All vehicles must be removed from the street during this work.

#### Chip Seal, Phase 2 - Scheduled for July/August

After the initial chip seal application has set, any loose chip material will be swept and an additional thin asphalt layer will be applied to finalize the treatment.

### Tips for Residents: Chip Seal Operations

- Prior to the start of construction, informational flyers will be distributed to all residences and businesses informing them when construction is expected to start.
- "No Parking" signs or construction cones/barricades will be placed at least 24 hours prior to any work.
- The chip seal work will be completed within July to August of this year.
- Access to residences and businesses will remain open.
- Your residential trash service schedule will remain unchanged during construction.

If you have any questions or comments, feel free to contact me:

Alden Jenkins, City of Longmont Civil Engineer, (303) 651-8567, [alden.jenkins@longmontcolorado.gov](mailto:alden.jenkins@longmontcolorado.gov)

## Preparatory Crack Seal Treatment

### What Does It Accomplish?

Cracks develop over time in asphalt pavement surfaces due to a number of factors, including pavement age, traffic loading, and seasonal temperature fluctuations. In order to attain the maximum life for a section of pavement, it is important to prevent water from entering these cracks. By inhibiting water intrusion, the pavement is less vulnerable to further sub-surface deterioration.

### When Is It Performed?

Asphalt surfaces contract when temperatures are low, and expand when temperatures are warm. Therefore, cracks are at their widest and most visible during the cold months of the year. Obviously, crack sealing cannot occur when snow is present, so the City contracts to have this work completed each year in early weeks of spring and late fall.

### How Is It Done?

Crack sealing is performed by cleaning the cracks with compressed air and filling the crack with an asphalt-based tar material. The material has the consistency of thick syrup, which allows it to spread within the crack as it fills it. The crack sealant cures as it cools, providing a barrier against water intrusion.

### Tips for Residents: Crack Seal Operations

- Your residential trash service schedule will remain unchanged during construction.
- "No Parking" signs will be installed along your street approximately two days prior to the start of the work.
- The work will typically be performed between 8:00 AM and 6:00 PM. Overnight parking along the street is allowable, and will not interfere with treatment operations.
- The crack sealant material can be driven over within a few minutes of application.
- Dust and debris may be inadvertently spread over sidewalks and driveways. Any such debris will be blown back into the roadway following the sealing application (the same day). All roadways that have been sealed will be swept by the end of the week.

Learn more about the Pavement Management Program at [www.LongmontColorado.gov/PMP](http://www.LongmontColorado.gov/PMP)

### 2018 Chip Seal Street List

Segment	From Street	To Street
23rd Avenue	Main Street	Meadow Street
9th Avenue	Summer Hawk Drive	County Line Road
County Line Road	South of Zlaten Drive	North of 9th Avenue
Flemming Drive	24th Avenue	24th Avenue
Little Fox Court	Stardance Circle	Stardance Circle
Mountain View Avenue	Hover Street	Francis Street
Orion Court	Orion Place	Cul-de-sac
Orion Place	Little Fox Court	Stardance Circle
Peterson Place	Flemming Drive	Cul-de-sac
Stardance Circle	Deerwood Drive	Deerwood Drive
Stardance Way	Stardance Circle	Cul-de-sac