



# CITY OF EAST GRAND RAPIDS

750 LAKESIDE DRIVE SE-EAST GRAND RAPIDS, MICHIGAN 49506

## **CONSTRUCTION NOTICE** **Please Keep for Future Reference**

June 21, 2021

Dear East Grand Rapids Resident/Property Owner:

The City of East Grand Rapids cape seal and micro-surface pavement preservation street surface treatments for the 2021 season will be commencing shortly. Pavement preservation is a best practice under asset management to align infrastructure maintenance and pavement lifecycle. Each of the 47 miles of streets within the City have condition ratings completed each year to drive asset management treatments from milling and resurfacing to pavement preservation and other maintenance treatments like crack sealing. The asset management rating system is called pavement surface evaluation and rating (PASER), which is a 1-10 rating scale that corresponds to associated treatments. With additional preventative maintenance that may include milling and paving spot repairs, crack sealing or application of mastic your street meets the criteria and funding has been designated for a cape seal treatment.

**What is a cape seal?** A cape seal is a two-part pavement preservation process that improves, preserves, and extends the useful service life of an existing street surface by 6-10 years.

### **What is the process?**

**Phase 1:** The street surface will be swept and cleared of any debris by streetsweepers. Then an application of a highly polymerized engineered emulsion is applied to the existing pavement surface which is immediately followed by a layer of crushed aggregate which is rolled with rubber tire rollers and swept by a streetsweeper within a short period of time to remove loose or excess aggregate. This phase of the process is completed within several hours and can be driven on as soon as the contractor leaves the site. The aggregate stone surface will remain in place for several days up to several weeks.

### **Below are images of the stages for Phase 1**

1 Street sweeping



2 Emulsion applied



3 Aggregate applied



4 Aggregate rolled



5 Aggregate swept



**Phase 2:** Contractors will return with equipment to place a mixture of polymer-modified asphalt emulsion, crushed aggregate, mineral fillers, water, and additives also referred to as asphalt slurry. The mixture is properly proportioned, mixed, and uniformly spread over the prepared street surface. After the application of asphalt slurry residents can travel on the road surface within 1-2 hours typically depending on curing process with outside temperatures.

**Below are images of the stages for Phase 2**

1 Asphalt slurry applied



2 Completion



**Schedule: Cape seals are anticipated to be completed in late June and during the month of July and possibly into early August.** Each phase will be completed within a few hours per day, meaning impact to each street will be several hours on two separate days only. Exact dates and times cannot be given outside of the schedule range due to factors that cannot be controlled including, but not limited to weather, equipment breakdowns and other unforeseen circumstances. **Work will be completed generally between the hours of 7am and 9pm Monday through Saturday. The contractor will provide door hanger notices before either phase of work within the day before work takes place and will also place “no parking” signs on applicable street segments.**

**Project Locations:**

- Boston Street (Breton Road to Laurel Avenue)
- Lake Grove Avenue (Hall Street to Lake Drive)
- Princeton Boulevard (Lake Drive to End)
- Hall Street (various sections of both east and westbound east of Lake Drive to Woodcliff Drive)
- San Lu Rae Drive (Lake Drive to Plymouth Road)
- Wealthy Street (Lakeside Drive to Lovett Avenue)
- Lakeside Drive (Lansing Street to Robinson Road)

**General Information:**

- Construction progress may be constrained by weather, availability of materials, scheduling conflicts and/or unforeseen emergencies. With these variables it is not possible to give exact time frames.
- Temporary on-street parking restrictions will be in place when work occurs. Please adhere to any signage postings for parking restrictions.
- The contractor will maintain the street to allow for emergency vehicle access at all times.
- Yard waste service will continue in the impacted area of construction in accordance with the regular yard waste schedule. Residents impacted by street construction must place yard waste bags and containers between the sidewalk and roadway and only the night before scheduled pick up so that these items do not interfere with construction.
- Private waste/recycling haulers licensed with the City have been contacted in advance of the project so they can make any adjustments if needed.
- Mail/delivery service. The local post office has been contacted to inform them of the projects so they can make any adjustments if needed. Other delivery services should be able to access homes with the exception of limited application times.

**How can I receive updates about construction in my neighborhood or throughout the City?**

If you would like to receive periodic updates on the construction projects, please visit the construction page and/or subscribe to the city’s e-newsletter at: [www.eastgr.org](http://www.eastgr.org)

The City appreciates your patience and understanding as important infrastructure is replaced and rehabilitated that will serve the community for the future. Questions may be directed to the City by calling the Department of Public Works at 616-940-4817. Thank you.