

## 2020 Mill & Overlay Project – Industrial Street and Stageline Road

### Project Background

Industrial Street and Stageline Road are two streets that provide significant connections to the commercial and industrial areas south of Interstate 94 in Hudson. Both streets are in need of a new layer of pavement in order to keep the pavement surface from deteriorating so much that they need to be rebuilt.

The State of Wisconsin uses a pavement rating tool called the PASER rating that categorizes the surfaces of pavements on city streets and tells us what type of maintenance those streets need to serve the traveling public. The PASER rating scale goes from 1 to 10 with 1 being pavement failure and 10 being brand new pavement. The PASER rating on Industrial Street from Crest View Drive to Hanley Road in 2019 was a 3 out of 10, and the rating on Stageline Road between Carmichael Road and the hospital roundabout was a 4 out of 10. Pavements that rate in the 3-4 out of 10 range are in need of a mill & overlay or a similar type of maintenance activity.

### What Is A Mill & Overlay?

A mill & overlay project involves a multi-step process as outlined below to provide a fresh pavement surface.

#### Step 1: Milling

“Milling” means grinding off the top layer of pavement, usually about 1 ½ inches in thickness. Typically most of the problems with the pavement occur in the top layer, which is the layer of pavement that gets driven over, beat on by the summertime sun, and sprayed with chemicals in the wintertime. Taking the top layer off also allows for more space to put on the fresh new layer without raising the road up higher than the adjacent curbs and driveways.

#### Step 2: Fix Utilities

While the road is being repaved, it often makes sense for the city to come in and fix some utilities that are in poor condition or add some utilities where they are needed. In this project, we will be fixing up a lot of the “catch basin” structures (where the water runs from the curbs into the storm sewer) and manhole covers in the street. We will also be adding a couple storm sewer runs across Industrial Street where there are not existing pipes to help get the water to drain into the storm sewer system.

#### Step 3: Fix Poor Curbs & Driveways

It is important to the city that our curbs are in good shape to convey drainage to the storm sewer system. When curbs start breaking, they allow water to infiltrate into the little cracks in the concrete and then the freeze/thaw cycle creates much bigger cracks that eventually keep the water from reaching the storm sewer and can cause safety issues along the road. There are also a number of driveways in the project area that are either missing drainage across the driveway or the driveway pavements are in poor shape. The pavement along the curb replacement sections will be patched, and the grass behind the curb replacement sections will be re-seeded.

#### Step 4: Overlay Pavement

“Overlay” means adding a new layer of pavement over the existing pavement layer. This will be the new pavement surface for you to drive on!

#### Step 5: Clean Up and Miscellaneous Items

After the new pavement is put down, new signs and pavement markings will be installed on the streets, and any other little clean-up work that is needed will occur.

### Does This Project Cost Me Anything?

The majority of the costs associated with the project are covered by the city in the form of property taxes and money that the city receives from the state from gas taxes. However, there are a few costs that are “assessed” or charged to the adjacent properties. These costs are as follows:

- Half of the cost of curb and gutter replacement is charged to the fronting property owner
- All of the cost of driveway replacement is charged to the property owner(s) that are served by the driveway

For a detailed breakdown of estimated costs assessed to each property, please see the Engineer’s Report. The final assessed costs will likely be different than the estimates due to actual bid prices received for the project.

### Project Timeline

The following is a timeline of activities related to the project. The schedule is subject to change based on actions by the City Council, the construction bidding process, and other factors.

- Public Hearing: March 9, 2020
- Open Bids: April 1, 2020
- Begin Construction: Early June, 2020
- End Construction: August 28, 2020

Construction will likely not occur during the whole summer time period. Although as of the date that this project document was made the City does not have an official construction schedule, it is likely that construction will require approximately 4-6 weeks during the summer.

### Who Do I Contact With Any Questions or Concerns?

You can contact Dean Chamberlain, City Engineer, with any questions or concerns before, during, or after construction. You can call him at 715-716-5729, email at [dchamberlain@hudsonwi.gov](mailto:dchamberlain@hudsonwi.gov), or schedule a meeting to stop in to talk at Hudson City Hall.

The City will have a construction inspector on site when construction activities are ongoing. The City will provide the inspector’s contact information to anyone who needs it after the project bidding is completed.