



925 10th Avenue East
Suite 1
West Fargo, ND 58078
P: 701.282.4692
F: 701.282.4530



February 7, 2020

Barry Lund, Mayor
PO Box 9
651 2nd St
Mapleton, ND 58059

Re: Asphalt Street Preventative Maintenance
Mapleton, ND

Dear Mayor Lund,

Many asphalt streets within the city are reaching the age where you should consider some type of preventative maintenance to preserve the useful life of the street. The treatment methods for preventative maintenance generally include crack sealing, chip sealing and asphalt milling & overlay as well as drainage improvements impacting streets. Below is a list of streets that should be considered for inspection this coming summer.

- Carl Olsen Street – Street installed in 2002 (18 years old)
- I-94 Industrial Park Streets – 1st Ave SE and 4th Ave SE - Installed early as 2005 (15 years old)
- 6th Ave SW (Holland Access) – Installed in 2005 (15 years old)
- Maple Pointe Development & Meridian Circle – Installed early as 2005 (15 years old)
- 6th Ave N (FEMA Repair) – Installed in 2011 (9 years old)
- Ashmoor Glen 2nd Addition – Installed in 2011 (9 years old)
- Meridian Grove 1st Addition – Asphalt overlay completed in 2015 (5 years old)
- Meridian Grove 2nd Addition – Installed in 2015 (5 years old)
- Prairie View Estates Development – Asphalt overlay completed in 2016 (4 years old)
- Ashmoor Glen 1st Addition – Asphalt overlay completed in 2016 (4 years old)
- Ashmoor Glen 3rd Addition – Installed in 2016 (4 years old)
- First Street – Wear Course installed in 2018 (2 years old)

Once an inspection of the above referenced streets was completed, we would provide our recommendation for treatment method, estimate cost and the scheduled year for treatment.

The City may also want to consider the creation of a Capital Improvements Plan (CIP) to document this plan for improvements, including other possible needed improvements (drainage, sewer, water). There are many benefits in the use of a CIP, including 1) transparency and concurrence of the City's plans and goals among city officials, staff and the public, 2) maximizing the limited taxpayers' dollars by prioritizing projects, 3) allowing proper planning time for project development rather than quick reactive plans/projects 4) pre-positioning the City to be ready for grant funding, cost-share or other low interest loans 5) coordination between projects with the City and other entities and capturing economy of scale, 6) and understanding the full financial picture of the needed improvements within the City.

If the City would like to consider pursuing these efforts, we can meet with the Public Works Committee to further discuss the process of starting.

Please contact me if you have any questions.

Sincerely,



Brandon Oye, PE
Project Manager

Enclosure(s)