

## Livingston County Road Commission

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August 10, 2022

Mr. Michael Archinal, AICP MPA  
2911 Dorr Road  
Brighton, MI 48116

Re: Pine Creek Ridge Subdivision Rehabilitation Estimate

Dear Mr. Archinal,

Per your request, I have updated the estimate to rehabilitate the streets in the Pine Creek Ridge Development. The asphalt lanes average between 25 and 26 feet wide. The combined street length of both the Genoa Twp and Hamburg Twp is 5.86 miles (Genoa Townships mileage is 93% of the total miles, 5.45 miles). The pavement has signs of alligator and block cracking throughout, there are many patches, along with longitudinal and transverse cracks.

Staff recommends minor curb repairs in areas that impede drainage only. The drainage system should be cleaned and video-taped prior to road rehabilitation to determine repair needs prior to placing new hot mix asphalt pavement. All drainage structures in the curb lines should be resealed from the inside and any loose or missing brick replaced.

The existing asphalt pavement should be removed, and the roads proof rolled to identify any soft and yielding areas to be addressed prior to placing the asphalt pavement. Two lifts of hot mix asphalt shall be placed slightly above the existing curb and gutter to allow for proper drainage.

The estimate for the above work in the Genoa Township portion of Pine Creek Ridge is \$4,210,000, (Hamburg portion is \$294,630).

The above estimate is based on visual inspection. If the project is to go forward a more detailed soils and drainage investigation is required to verify estimate and constructability. The above price is based on estimated contract prices for our 2023 Pavement Preservation Program (PPP) and is subject to change.

If you have any questions or concerns, please contact me.

Sincerely,



Robert Daavettila, PE  
Construction Engineer