



April 12, 2024

Robert Koncar  
Grand Oaks CDD

Re: Grand Oaks CDD  
Pavement Geotechnical Memo

Mr. Koncar,

Below is a narrative of the Grand Oaks Community roads in discussion for the geotechnical investigations.

**Background:**

On March 28<sup>th</sup> 2023 Dominion Engineering Group (DEG) received a forwarded complaint about water bubbling up through the pavement. An onsite inspection was done March 30<sup>th</sup> and DEG recommended further geotechnical testing to access the pavement, base and subbase. Two reports were received, one on July 3<sup>rd</sup>, 2023 and the other on October 18<sup>th</sup>, 2023.

**Recommendations:**

After reviewing the geotechnical reports and multiple site visits it is our opinion that the pavement issues on site are unlikely to progress to a rapid deterioration and the current condition should remain for the immediate future. It is our recommendation to use the areas highlighted in the geotechnical reports and the generated repair plans to begin preparing the future budget for repairs. Should the pavement's lifespan allow, it may be most beneficial to wait until a second lift of asphalt is executed to get the best estimates due to the higher amount of proposed work.

Dominion Engineering will continue to monitor the conditions of the roadways and if issues arise, we will revisit the need to conduct repairs.

Should you have any questions or require any additional information feel free to contact me at your convenience.

Sincerely,  
**Dominion Engineering Group, Inc.**

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District Engineer  
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