



GEOTECHNICAL LABORATORIES, INC.  
ENGINEERS • GEOLOGISTS • CONSULTANTS

April 29, 2025

Garrett Gateway Partners, LLC  
16220 Frederick Road  
Suite 300  
Gaithersburg, Maryland 20877  
Attn: Mr. Dean Packard, P.E.

Re: Roadway Repair Recommendations  
Cashell Estates  
Universal Court  
Derwood, Montgomery County, MD  
Project No. 120-022

Dear Mr. Packard,

Per your request, Geolab attended a site meeting regarding asphalt pavement failures for the above-referenced property. Geolab observed asphalt cracking throughout portions of the roadway. Numerous asphalt patches were observed, suggesting that the area has undergone repairs multiple times. A site plan indicating the location of the pavement failures, as observed by Geolab in March 2025, is included at the end of this letter.

Geolab suggests repairing the asphalt in the following manner:

1. Remove all cracked areas of asphalt, at least two feet wider in all horizontal directions.
2. Undercut the subgrade 12-inches deep and replace with GAB/CR6 (no recycled stone allowed). The backfill should be done in 4-inch-thick lifts and compacted with a jumping jack and/or plate tamper to a minimum of 95% of maximum dry density.
3. Grade the GAB/CR6 to allow for the required 3-inch-thick base asphalt.
4. Place the hot-mix asphalt and compact using a smooth drum roller and/or plate tamper.

One of our representatives should be present during these operations.

Should you have any questions, please do not hesitate to contact our office at your convenience.



I hereby certify that this report was prepared or approved by me, and that I am a duly licensed, professional engineer under the laws of the State of Maryland, License No. 18182, expiration date 3/12/2027.

Sincerely,  
Geotechnical Laboratories, Inc

G. Matthew Norris, M. Eng., PE  
Principal

Approximate location of asphalt failures as observed by Geolab in March 2025

