

Mary's River Estates Road District Special Meeting

Date: September 17, 2024 Zoom meeting hosted by Joe

Meeting will be recorded for the purpose of note taking by secretary. Recording will be kept for one year on personal computer and approved written minutes will be kept on website indefinitely. Secretary had connection issues and a Zoom recording was downloaded to her computer.

Attendees: Joe Chambers, President (joins at 7:19), Sandy Chapman (Secretary), (Debbie Jackson, Treasurer), Rick Veronen, Robyn Lillehei,

Call to order: 7:38 PM

This special meeting of the MRERD is to discuss the CCB complaint filing for MRE Rd and Queen Anne, and the findings of the evaluation of the chip seal project and other business as needed.

Debbie: All three Commissioners received information from the forensic engineer Lindsi Hammond from GRI. It was a 28-page report which include information from the samples of the rock that was used for the chip seal project. Debbie reads the conclusion of the report. A lot of pictures were included in the report. (The report will be added as an attachment to the minutes.) "FEI testing done in Tangent compared the chip seal (to ODOT standards)". The report states "contributing factors are material quality, application conditions, surface prep, asphalt bleeding, aggregate chip loss and equipment operation" and why they contribute. Conclusion says, "the observed failure of the chip seal surface treatment may be contributed to a combination of factors with the primary issue being construction practices and or application conditions. Specifically, the issues may be caused by lack of prep and poor cleanliness of the surface prior to the application, incorrection asphalt emulsion dilution and or application rate, incorrect aggregate application rate and or lack of embedment, or improperly performing construction equipment. In our opinion the chip seal that was place on MRE Rd. by Blacktop Northwest, in October 2023 has performed poorly and there is an excessive amount of aggregate loss for having been in service for less than twelve months. Well-constructed chip seal should not exhibit signs of wide spread bleeding or aggregate chip loss and signs of degradation generally do not occur within the first three to five years following construction. In our opinion, the chip seal that was placed on Queen Anne, by Blacktop Northwest in October 2023, has performed as expected near Columbine Drive, however the performance near Iris Circle is poor based on excessive bleeding and aggregate loss. Recommendation: to reduce continued aggregate loss and to reduce continued bleeding and improve the non-uniform surface, the existing road should receive another chip seal. Prior to another chip seal, the surface should be entirely cleaned and swept with a power broom to remove loose or partially embedded aggregate. During application the contractor should monitor the emulsion application rate to check that the aggregate embedment depth ranges from 50 to 70 percent". The report goes on into a lot of detail and gives us wording to put into the CCB complaint. Joe agrees with accuracy of the reading. One of the things we thought was part of the issue is that the material being used was not the correct material being to be used in terms of the chip rock that was used. This was spoken about in the laboratory testing. Debbie continues with reading of the laboratory report. "The aggregate testing compared the results of the laboratory with the recommendations ODOT outlined in the ODOT standards. Findings present as follows: "for fractured faces, both MRE and Queene Anne meet the ODOT specifications of ninety percent (90%) fractured on two (2) faces. Grain size and particle size distribution says MRE does not meet ODOT specifications. Gradation is similar to ODOT 1/2 to 1/4 or coarse. Queene Anne does not meet ODOT specification, gradation is similar to ODOT 3/8 #4 or graded medium". Our contract said 3/8 to 1/2 chip rock. The report very specifically states "does not meet". Sandy says of the report that it is her (Lindsi Hammond) opinion on a lot of things of what has gone wrong, but she is the expert. One

thing said in the report there is some oil that ran on Iris that should not have run like that unless it was diluted too much. Debbie read the report concerning this: "figure (7) shows images near Iris Circle where we observed the aggregate loss bleeding in areas where the asphalt emulsion likely was diluted with excess water and the reduced viscosity caused it to run onto the adjacent road. We also collected samples of the chip seal aggregate from the pile of rock located on the road at the intersection of Queen Anne and Iris Circle". Sandy adds: One other picture showed where the County did the previous chip seal 8-9 years ago and the new application by Blacktop NW. The report says "when comparing the condition of the County applied chip seal and the chip seal by Blacktop NW, the Blacktop Northwest chip seal exhibits aggregate loss, emulsion steaking bleeding and general uneven application. The County chip seal has a uniform surface with no aggregate chip loss". It has been longer than nine years for the County chip seal and even after all of this time it has held up even with numerous snowplowing going over it. That is one thing that Frank has said that the snowplow took the chip seal off. Debbie: at the meeting the other day we said if we get a subpar performance report, which this says it is more than subpar and the reasons on why it happened. There is a brief discussion on temperature that it was probably 70-75 and they recommend doing it when it is hotter and earlier, but it is still within the ODOT parameters. With the subpar report we would proceed with the CCB complaint process. That is the one that we have to fill within a year of performance which is October 4-6, 2023. Sandy has filled in the complaint form and sent it to Debbie and Joe. There are a few corrections needed. **Debbie makes a motion that we proceed with filing the CCB complaint against Blacktop Northwest. Joe seconds the motion.** Debbie asks for any discussion? Sandy has all the documents on file to send electronically and can have it done tomorrow by 2:30 and send it out to Debbie and Joe for preview. Then send it to CCB on Thursday. **Joe: All in favor of submitting to CCB? All Commissioners agree on the motion to file complaint with the CCB.**

Additions/Deletions to agenda:

Review of Action items:

Crack Seal update: Sandy: She was out on Saturday on Tansy and filled up a couple of cracks before the crack seal went on. There was so much more than anticipated and majorly deep. Some cracks were unable to be filled and the workers kept in touch with her on Sunday when they came across that problem and were told to stop filling that area. Cost was astronomical, but if you consider that nothing has been done on Tansy and divide it into these ten years it is not as bad. Debbie: says they gave us a dollar off per pound again and the total was \$42,000.00. (This was for the roads from Iris and Columbine (paved) junction down Columbine and to Tansy.) **Debbie moves that we approve the Salem Seal Coat final billing of \$42,525.00. Sandy seconds motion. Joe: All in favor? All Commissioners agree. Action Item: Debbie will transfer money and write out the check. Action item: Sandy will contact Lindsy Hammond at GRI and have her send a final report as we have no further questions.** All Commissioners agree that the report can be finalized as written. Robyn suggests that we make sure to get a confirmation from the CCB that they have received the complaint. And if no confirmation is received, send a Priority mail with the complaint information. Commissioners agree.

Meeting adjourned 8:09