

Testimony of Stephen L. Korbel, President of the Ross Township Board of Commissioners

Good afternoon. My name is Stephen Korbel, and I am the President of the Ross Township Board of Commissioners. I want to extend my gratitude to Senators Vulakovich and Costa and the other members of the Committee for allowing me to address you today regarding the experience that Ross Township has had in 2018 with respect to landslides.

Prior to this year, the Township had suffered only 1 known landslide in the past since 2007. Nevertheless, the Township and its engineer regularly review the status of landslide prone areas under the Township's control, including roadways. In late 2017, the Township became aware of 3 roads showed signs of distress. The Township added the repairs to these roads to its capital improvement plan and budget. 2017. The Township budgeted to have each of these roads fixed the next 3 years, with the first repair being done in 2018. Each repair was estimated at approximately \$150,000.

In 2018, there have been 4 major landslides in the Township. The total cost to remediate these slides is in excess of \$1.35 million which is more than 3 times the budgeted amount.

The Following are the slides at issue in Ross Township:

- **Nelson Run Road**
 - **Location**
 - 60 ft section of pavement along the western side of the road approximately 550 ft north of its intersection with Brethauer Avenue
 - **Date of Slide**
 - February 16, 2018
 - **Cause**
 - Water-logged soil
 - **Impact to Community**
 - One-lane of the road was closed resulting in a 60 ft section of alternating traffic
 - **Expected Completion of Repair**
 - October 1, 2018
 - **Estimated Costs**
 - Construction – \$263,400
 - Engineering – \$25,000
 - Road Restoration (sub-base and paving) – \$45,000
 - Total – \$333,400

Kelisa

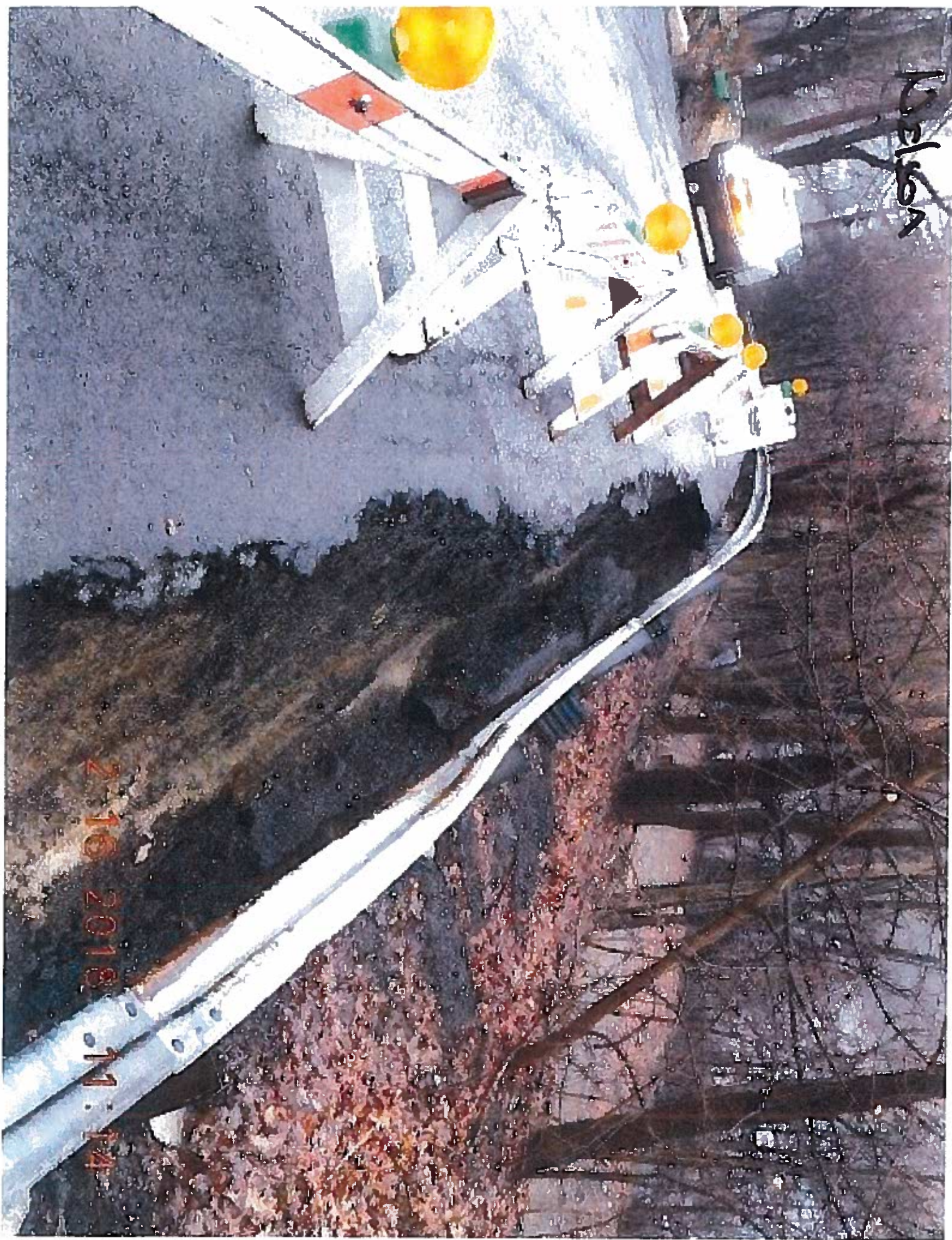


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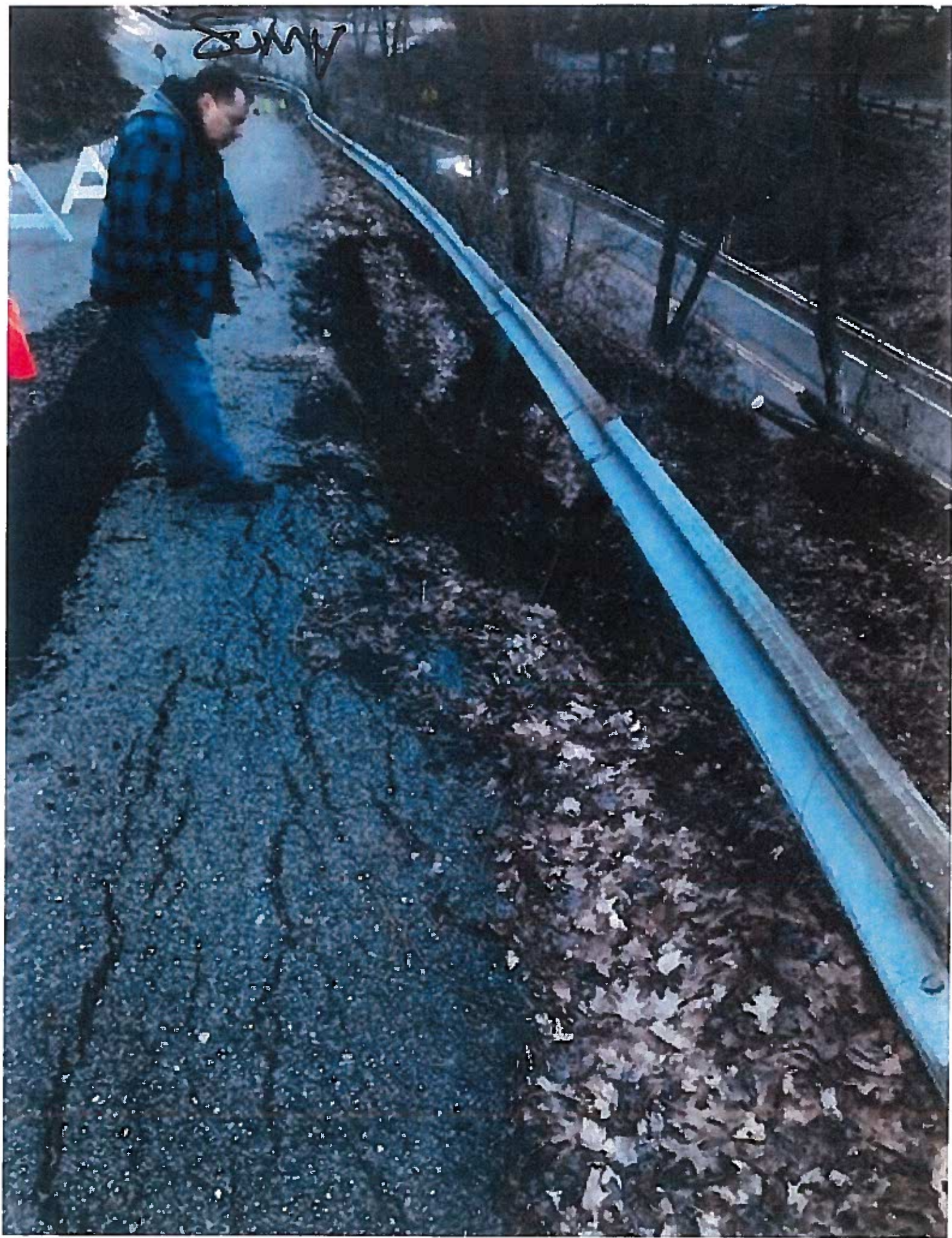
- **Jacks Run Road**
 - **Location**
 - 200 ft section of pavement along the southern side of the road approximately 300 ft east of its intersection with Longmount Drive
 - **Date of Slide**
 - July 5, 2018
 - **Cause**
 - Flooding
 - **Impact to Community**
 - One-lane of the road is closed resulting in a 200 ft section of alternating traffic
 - **Expected Completion of Repair**
 - October 15, 2018
 - **Estimated Costs**
 - Construction – \$117,800
 - Engineering -- \$13,000
 - Road Restoration (paving) – \$15,000
 - **Total – \$145,800**



- **Sunny Drive**
 - **Location**
 - 50 ft section of pavement along the southern side of the road approximately 275 ft west of its intersection with Reis Run Road
 - **Date of Slide**
 - April 8, 2018
 - **Cause**
 - The roadway had begun to slip the previous year, however, the water-logged soil acted as the catalyst to the road sliding over the hill
 - **Impact to Community**
 - One-lane of the road was closed resulting in a 50 ft section of alternating traffic on Sunny Drive, however, the slide also caused an 80 ft one lane closure on Reis Run Road, a state road, with high levels of traffic. The Township had to place temporary traffic signals on Reis Run to alleviate the numerous back-ups caused by the alternating one lane traffic
 - **Expected Completion of Repair**
 - October 31, 2018
 - **Estimated Costs**
 - Construction – \$525,00

Sunny



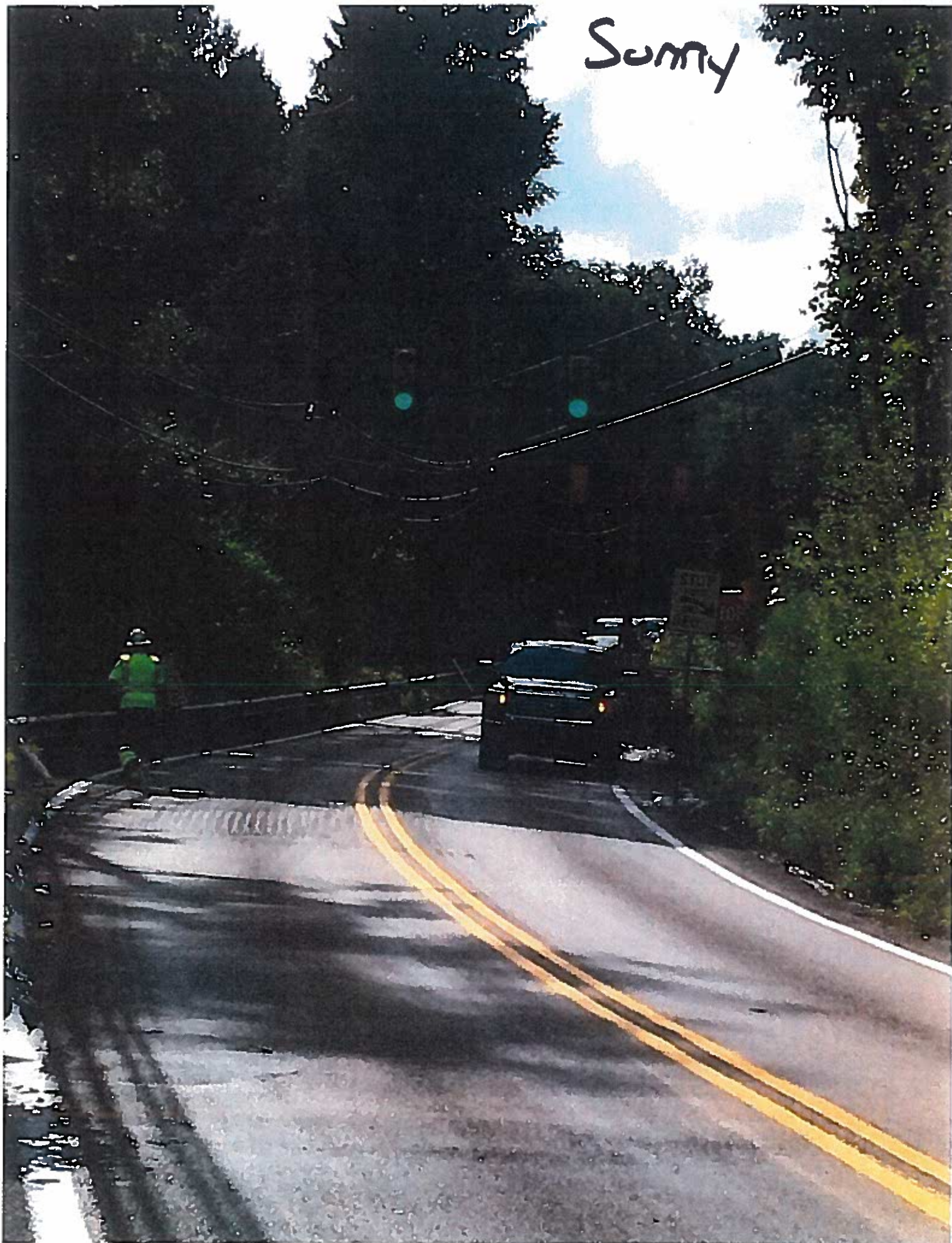








Sunny



- **Crider Hill Road**
 - **Location**
 - 250 ft section of pavement along the western side of the road approximately 450 ft north of its intersection with Babcock Blvd
 - **Date of Slide**
 - May 10, 2018
 - **Cause**
 - Water main break
 - **Impact to Community**
 - One-lane of the road was closed resulting in a 60 ft section of alternating traffic
 - **Expected Completion of Repair**
 - November 30, 2018
 - **Estimated Costs**
 - Construction – \$150,000
 - Engineering – \$25,000
 - Road Restoration (sub-base and paving) – \$75,000
 - **Total – \$250,000**





