



Livonia Public Schools

Information and Instructional Technology

To: Phil Francis, Director of Operations

From: Tim Klan, Administrator of Information and Instructional Technology

Date: January 31, 2020

RE: **Replacement of the Wide Area Network (WAN)**

Please include a recommendation to approve the replacement of the Wide Area Network (WAN) on the agenda of the Board of Education, Committee of the Whole meeting, on February 10, 2020. We would like an opportunity to discuss this recommendation with the Board of Education.

The recommendation is to replace the existing 28 miles of private fiber and to add additional fiber to close the loop on the south end of the district. The new armored fiber will help to reduce network outages due to outside damage. Closing the loop on the southern end of the district will provide additional redundancy to our network by allowing Internet traffic to flow in either direction in the event of a fiber cut.

The recommendation is to award the contract to AmComm Telecommunications (see Barton Malow recommendation letter for bid tabulations). The total cost of this project is \$1,621,928.54. The purchase will be made using \$400,000 included in the original 2013 Bond budget for fiber redundancy, with the remaining dollars coming from bond funds saved from various other technology projects throughout the bond.

Thank you for your attention to this request.