

## **Box Elder School District**

### **Approval of Vehicle Safety Systems Contract**

**Recommendation:** It is recommended that the Board of Education approve the contract for vehicle safety systems.

**Background:** Over the past several years, the camera systems on our school buses have been slowly failing. Many of the camera systems are between 7-10 years old. Most of these failures are related to the hard drives that store the video files. When the hard drive fails, all files are lost. For the past several months, the transportation department has been trialing a camera system from Samsara. The District already uses GPS devices from Samara in all District vehicles. Samsara has been competitively procured and is available for purchase through state contract.

This new system will replace the existing hard drives with a modem, and all video files will be accessed through the internet. This will allow remote, real-time access to videos without requiring the vehicle to be at the District transportation maintenance shop. The cost of the modems is \$378,000 over 5 years or \$75,600 per year.

This system will also replace the existing vehicle driver cameras with new cameras from Samsara that can detect safety violations and improve vehicle safety. The cost of vehicle driver cameras is \$475,200 over 5 years or \$95,040 per year.

Additionally, this system will remotely monitor and detect vehicle maintenance issues. District transportation staff will be able to monitor vehicles for preventive maintenance concerns and make repairs prior to a vehicle becoming inoperable. If a vehicle does become inoperable while on the road, the District transportation staff will be able to diagnose the issue remotely and bring the necessary parts for repair to the location of the disabled vehicle. The cost of the maintenance monitoring module is \$64,800 or \$12,960 per year.

**Policy Implications:** None

**Financial Implications:** Encumbrance of \$183,600 per year in the transportation program for up to 5 years. By statute, the transportation program is funded at 85% from state funds and 15% from local funds. The effective cost from local funds is \$27,540.

**Staff Implications:** None at this time.