

**Analysis of Traffic Study** and how options impact wait times at the Lake St. and Blue Star Highway intersection. A summary of the analysis is that during the summer months in limited peak traffic hours, the wait time for people in vehicles turning left (north) on the Blue Star Hwy from Lake St. is 40.6 seconds. This is graded as an **E** with **A** being best and **F** worst. If 20 trail users per hour were introduced to the crossing at Lake St. under this scenario, it would add 3.4 seconds. Adding a signal at this intersection would improve safety and reduce wait times as shown under Future Conditions (Signalized). The resulting grades with signals would all be **B** or better.