CFLHD used QuickZone’s capabilities to help inform the local community of possible future delays through a series of concurrent flagging operations. CFLHD was able to see that no single flagging operation would cause major delay problems but the combination of all four did produce potentially unacceptable delays.

QuickZone enabled CFLHD to quickly evaluate a series of work zones and their interactions with each other without having to use more complex simulation models.

A key capability CFLHD required from QuickZone was the estimate of cumulative delay a motorist would likely encounter from a series of work zones, including localized bottlenecks, flagging operations, and periodic full closures. The initial results from QuickZone showed that four flagging operations at Beartooth Ravine produced substantial backups caused by the switchover times of the flagging operations. No single flagging operation, however, was shown to cause major traffic delays.