

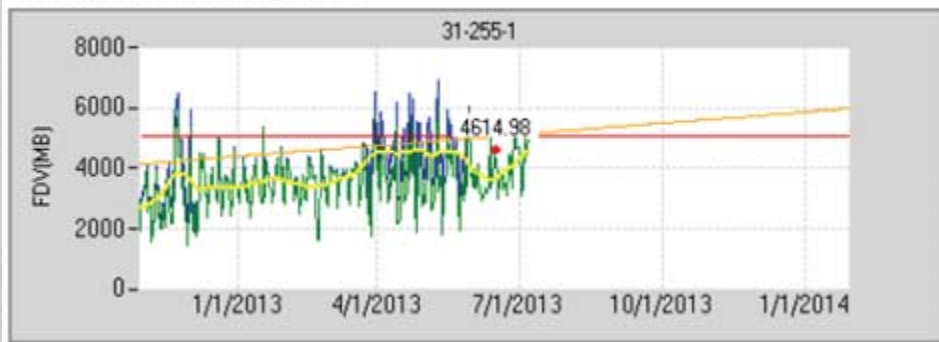
Hwy 9 / Hwy 236 Driving Sector





4G Data Capacity Projections for existing Boulder Creek Site

1. CellGrp: 255 BOULDER_CREEK



Forward Channel Mega Bytes of data. Projected to exceed maximum in 3Q 2013. Will cause slowing of user throughput below levels acceptable to users.



Forward Link average user throughput is showing a steady decline in user experienced throughput. Should be about 10Mbps, currently below 5Mbps during busy hours.

Data performance in Boulder Creek will continue to degrade as data demand from residents and tourists grows. It is already below VZW standards. The solution to this issue is a site in the town where the bulk of the usage originates.

- **With the areas data grown growing at well over 100% per year additional capacity is necessary to maintain the quality service our users and emergency responders need.**
- **The signs of service degradation are already growing and noticeably poor service will soon be the norm.**
- **Voice services will start moving over to VOLTE (Voice over IP) in 2014 adding further usage to the 4G network. We expect voice including 911 with this new technology to be impacted.**
- **Data capacity will be significantly enhanced with the addition of this site along with improved voice coverage on Hwy 9 south of the town.**