



De Young, Bret <bret_deyoung@nps.gov>

bullet about cell coverage

4 messages

Robb, Lindsay <lindsay_robb@nps.gov>
To: Bret De Young <Bret_DeYoung@nps.gov>

Tue, Feb 28, 2017 at 10:15 AM

Hi Bret,

Last week on the winter trip, employees on the east side of the park had lots of questions about communication issues. I reported at each location on Verizon's proposal to build out their capacity on Washburn and improve service. Jody wrote up the following bullet under "commone topics" for an all employee message:

- Poor cell service, limited or difficult internet connectivity, and poor quality telephone systems - Lindsay provided information about near-term improvements on Mt Washburn that will improve Verizon's capacity in the park.

Is there anything you would add or say differently?

Thx

Lins

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Tue, Feb 28, 2017 at 11:29 AM

East Entrance: VSAT provides DOI WAN service to the East Entrance. VSAT has higher bandwidth but requires inconvenient terminal server access to park network drives and there can be periods of network unreliability. VOIP phones do not work on VSAT connections due to increase latency with satellite communications. CenturyLink is the only telco available for land line services. The buried cable is in poor condition and requires frequent repairs. Verizon has no proposals for the Pahaska / East Entrance because there is no broadband available. Wyoming did not win the bid for Connect America Funds (CAF II) for expanded broadband in rural area so CenturyLink will not be building in that area.

Canyon, Grant, Lake: Verizon Wireless proposal for 600 MB backhaul could be approved early summer. If approved, substantial construction would take place on Mount Washburn, and a new tower at Fishing Bridge and Canyon in 2017, and operational spring 2018. This would multiply current Verizon capacity 38 times. In addition to the backhaul proposal, Verizon has proposed a 100 foot tower and cell site in the Canyon maintenance area that would better serve the Canyon developed area. Current Verizon service from Mount Washburn over shoots the Canyon area. AT&T currently has no active proposals for service improvements. Park DOI WAN network is not expected to improve in the short term. CenturyLink carries the point to point circuits from Mammoth to the interior and they have no more circuits or capacity available to lease.

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Tue, Feb 28, 2017 at 12:35 PM