

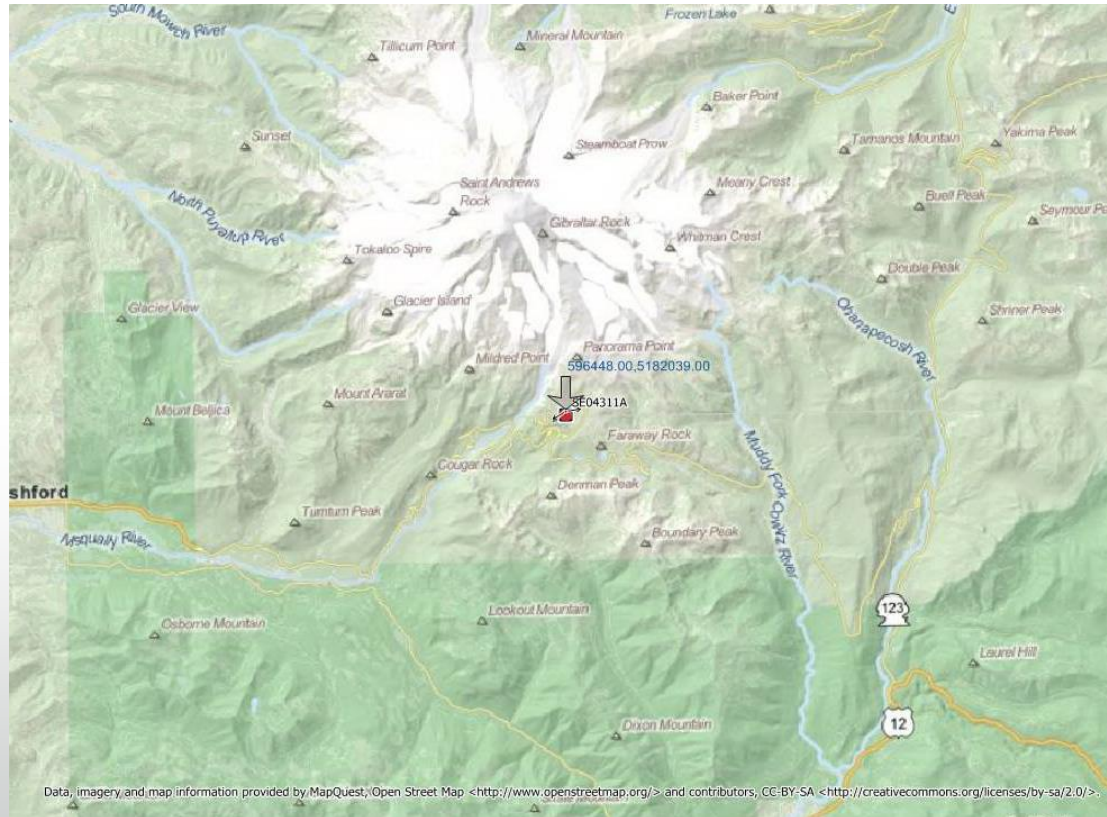
**Seattle
Market L700
Site
Justification
SE04311A**

September 30, 2015

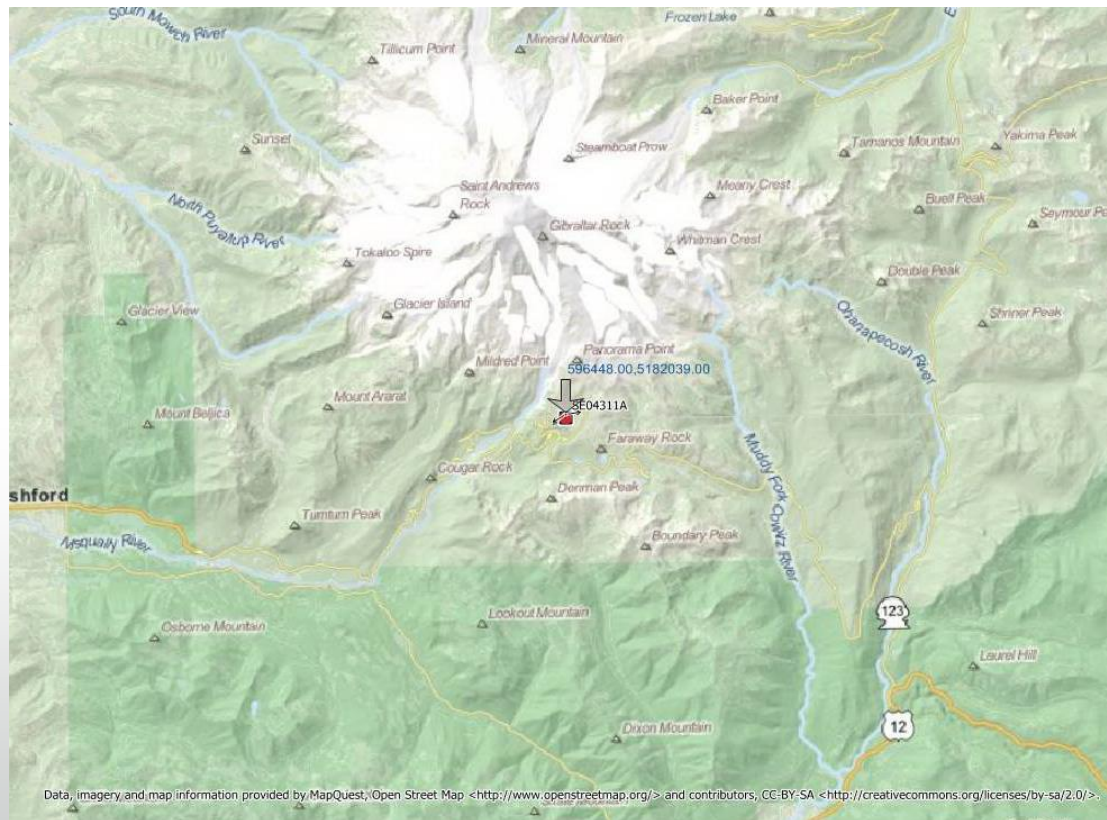
T-Mobile®



Site Dispersal Map



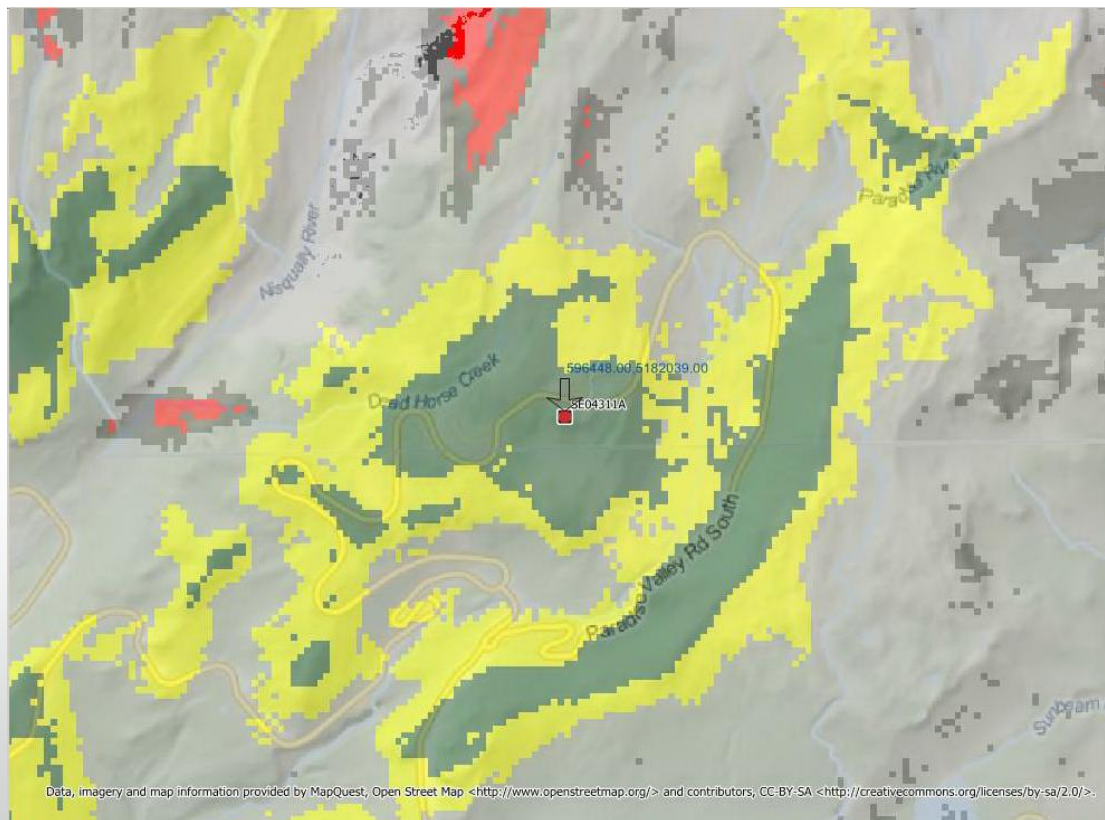
LTE Existing Coverage



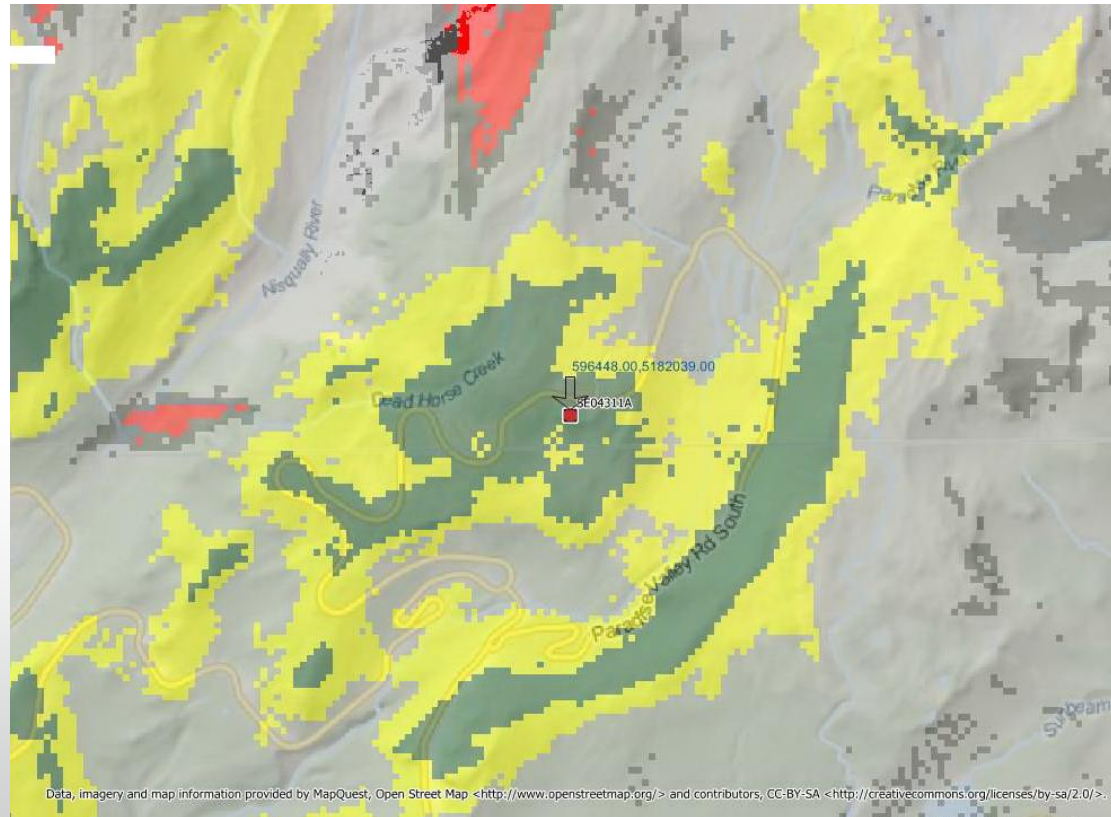
Site Locations

- A: A 150' monopole with T-Mobile equipment at 140' AGL at 46.784924/-121.741998
- B: A 150' monopole with T-Mobile equipment at 140' AGL at 46.785386/-121.741990
- C: A 75' stealth flagpole with T-Mobile antennas at 70' AGL at 46.785853/-121.736245
- D: A 50' stealth flagpole with T-Mobile antennas at 47' AGL at 46.785853/-121.736245
- E: T-Mobile equipment on the center of the roof of the visitor center at 47' AGL at 46.785886/-121.7366724
- F:
 - 1. T-Mobile antenna at 35' AGL at 46.785971/-121.736406 (western facing azimuth)
 - 2. T-Mobile antenna at 35' AGL at 46.785819/-121.737069 (eastern facing azimuth)

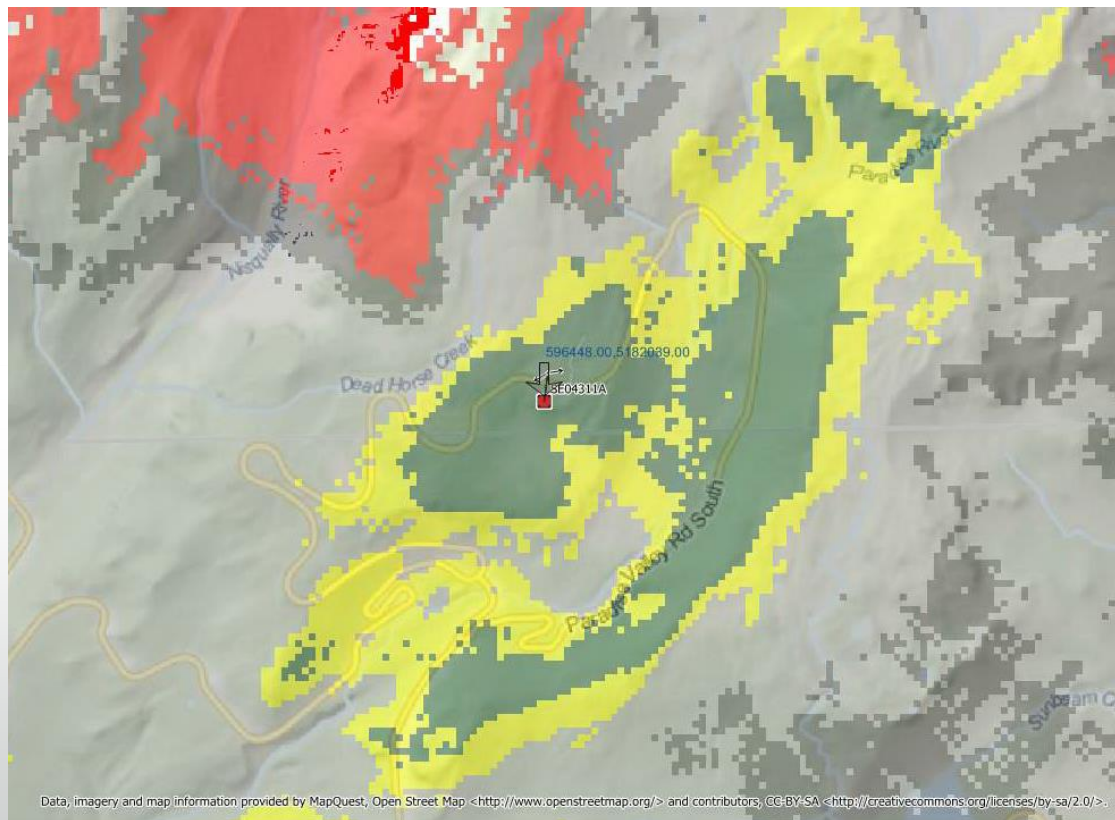
New Coverage with SE04311A 150 Ft Location A



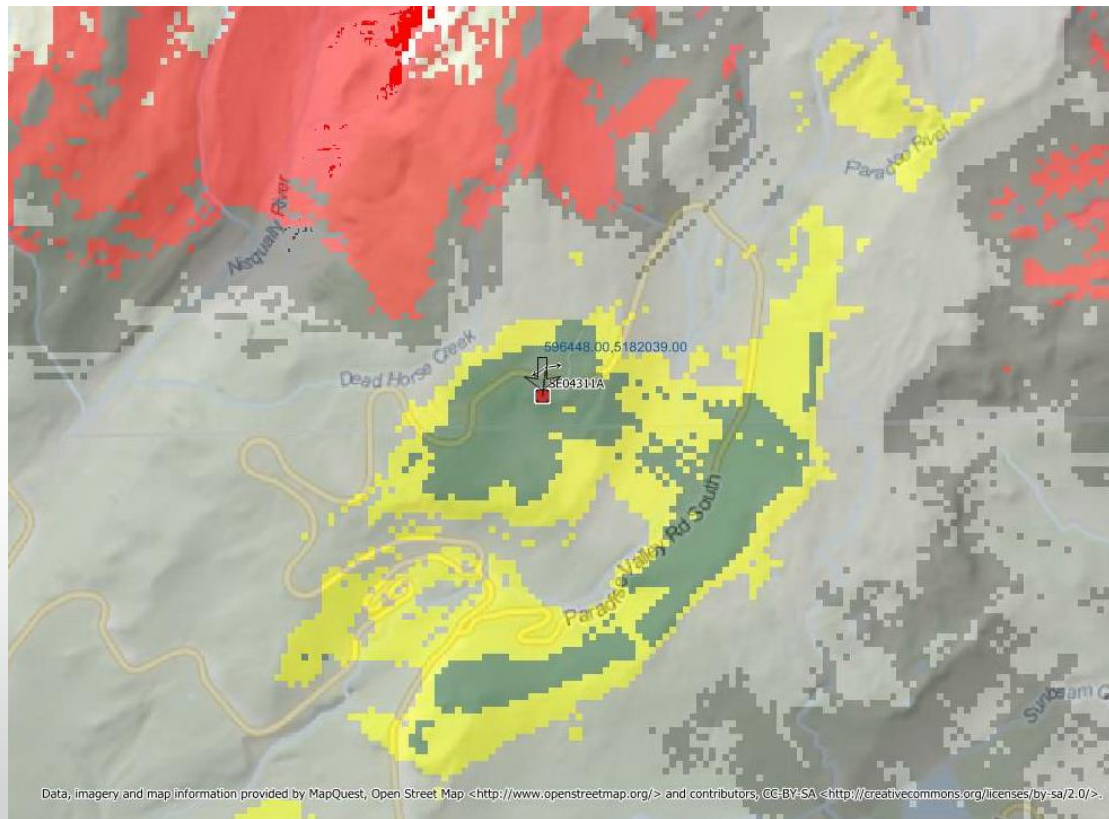
New Coverage with SE04311A 150 Ft Location B



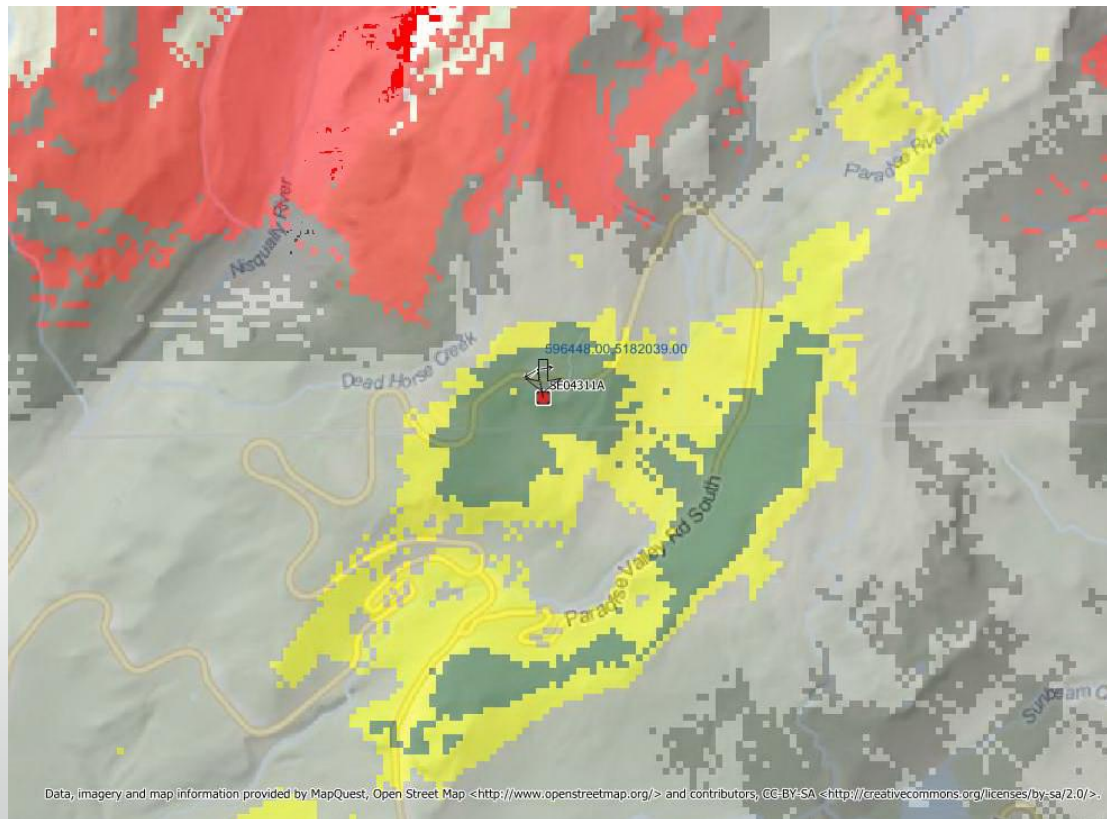
New Coverage with SE04311A 70 Ft Location C



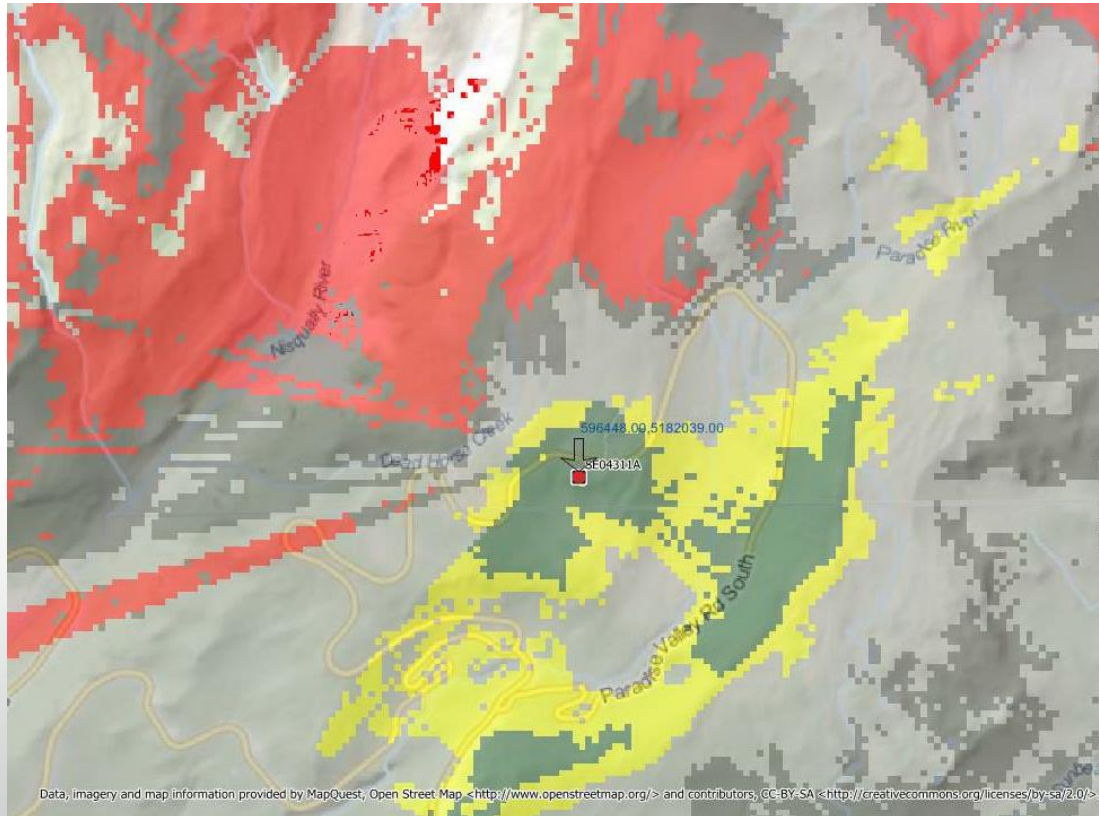
New Coverage with SE04311A 47Ft Location D



New Coverage with SE04311A 47Ft Location E



New Coverage with SE04311A 35Ft Location F



Options for Covering the Paradise visitors center in the Mount Rainier National Park.

Due to the sensitive nature of the Mt Rainier park and strong opposition to the visual impact that a normal Cell tower would bring, an alternative stealth Cell site would be more suitable to this environment if built in an existing structure.

The Paradise visitor center lends itself very well to providing a suitable location to conceal the antennas and equipment needed to provide cell coverage to visitors center and some of the surrounding area. The visitor center is a strong modern structure that can be easily modified to accommodate the equipment needed for a T-Mobile cell site. The building can also house more than one carrier in the same location.

Options for Covering the Paradise visitors center in the Mount Rainier National Park.

The T-Mobile proposal is to install two antennas and supporting equipment inside the roof space at either end of the visitors center. The antennas would be mounted behind an FRP screen that would match the existing structure exactly rendering the site virtually invisible from the outside. Constructing the site would most likely not entail any major structural changes to the building and could be built in a relatively short time frame. The area where the antennas and equipment would be mounted is currently an unused attic space.

Paradise visitors center in the Mount Rainier National Park.



Paradise visitors center Proposed Equipment Location

Antenna location behind
fancier of the building



East End of the
Building

Antenna location behind fancier of
the building seen from inside



Antenna location behind
fancier of the building



West End of the
Building

Antenna location behind fancier of
the building seen from inside

