Attachment D - 3

Site Justification Maps



LTE Justification Plots

Market Name: Los Angeles

Site ID: CSL04615

Site Address: 1574 Old Mammoth Road, Mammoth Lake CA 93546



Assumptions

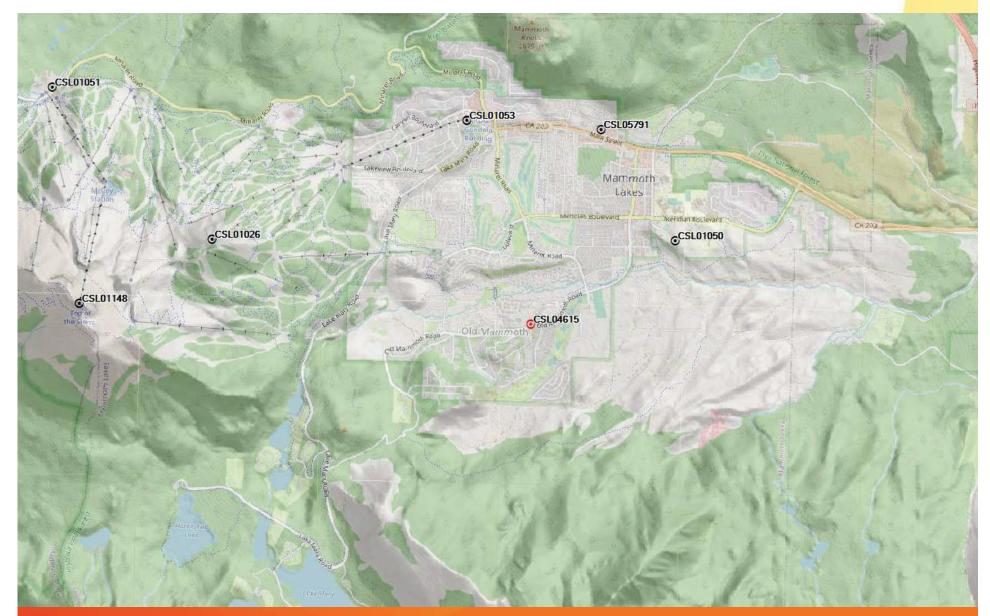
- Propagation of the site plots are based on our current Atoll (Design tool) project tool that shows the preferred design of the AT&T 4G-LTE network coverage.
- The propagation referenced in this package is based on proposed LTE coverage of AT&T users in the surrounding buildings, in vehicles and at street level. For your reference, the scale shown ranges from good to poor coverage with gradual changes in coverage showing best coverage to marginal and finally poor signal levels.

The plots shown are based on the following criteria:

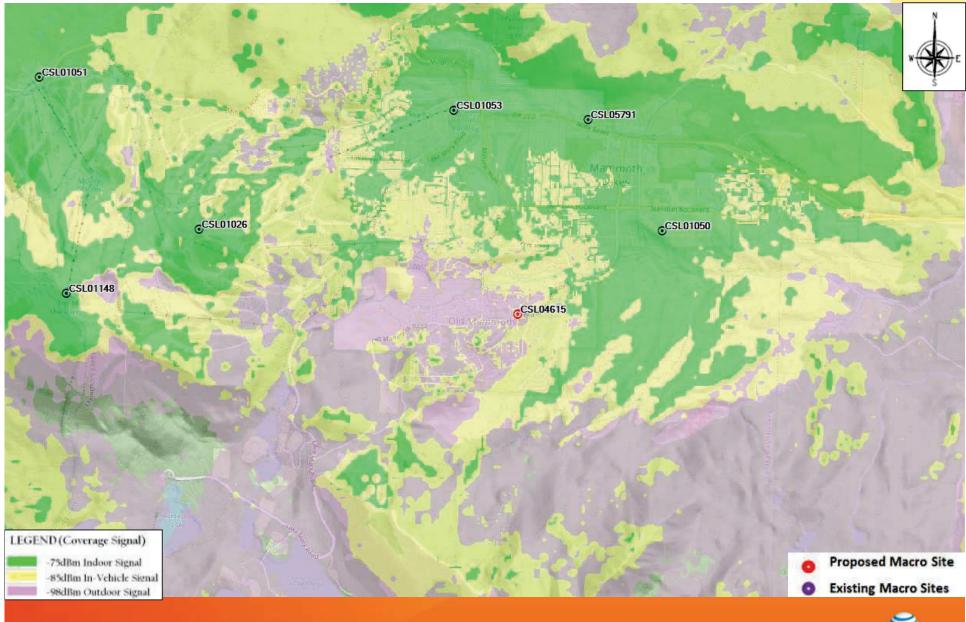
- Existing: Since LTE network modifications are not yet On-Air. The first slide is a snap shot of the area showing the existing site without LTE coverage in the AT&T network.
- The Planned LTE Coverage with the Referenced Site: Assuming all the planned neighboring sites of the target site are approved by the jurisdiction and the referenced site is also approved and **On-Air**, the propagation is displayed with the planned legends provided.
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CSL04615

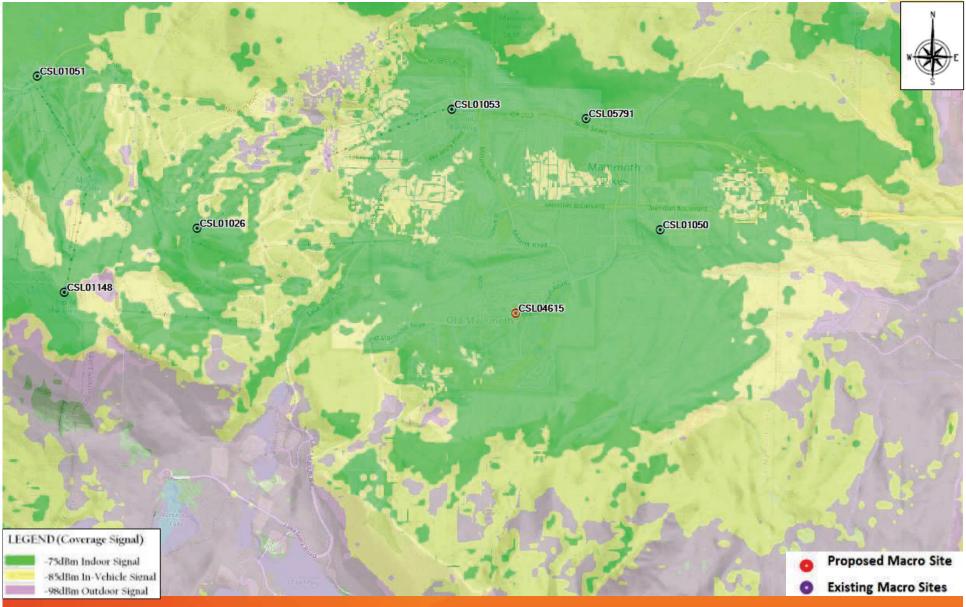


LTE Coverage Before site CSL04615



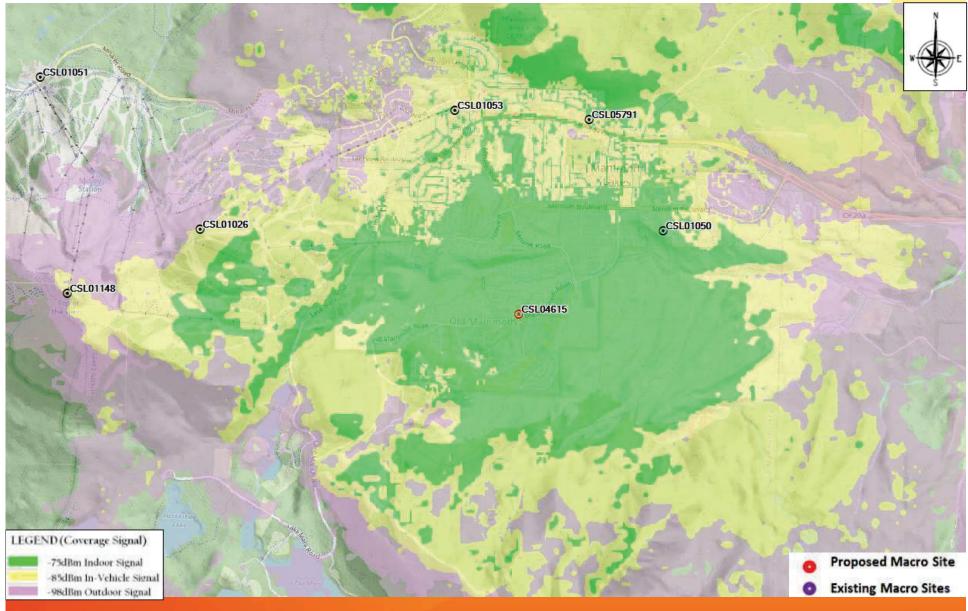
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LTE Coverage After site CSL04615





LTE Coverage standalone site CSL04615





Coverage Legend

Rethink Possible*



In-Building Service: In general, the areas shown in dark green should have the strongest signal strength and be sufficient for most in-building coverage. However, in-building coverage can and will be adversely affected by the thickness/construction type of walls, or your location in the building (i.e., in the basement, in the middle of the building with multiple walls, etc.)

<u>In-Transit Service</u>: The areas shown in the yellow should be sufficient for onstreet or in-the-open coverage, most in-vehicle coverage and possibly some in-building coverage.

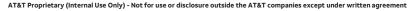
<u>Outdoor Service</u>: The areas shown in the purple should have sufficient signal strength for on-street or in-the-open coverage, but may not have it for invehicle coverage or in-building coverage.



Site Justification Coverage Maps

Market Name : Southern California Market Site ID : CSL04615 Site Address : 1574 Old Mammoth Road, Mammoth Lake CA 93546 ATOLL Completion Date: Oct 30, 2023

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Assumptions

2

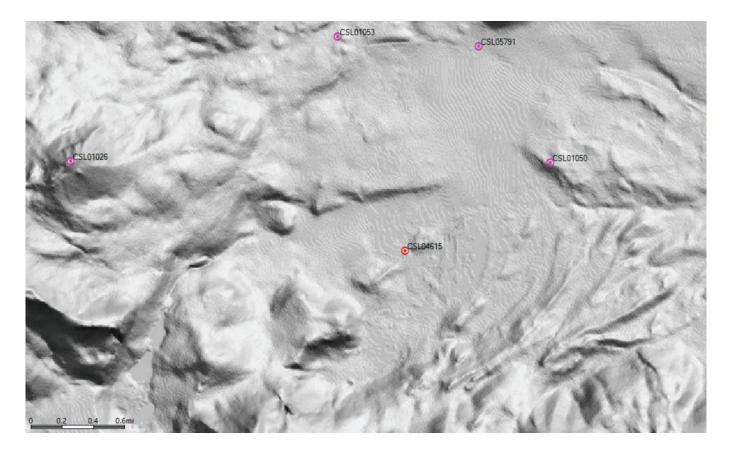
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CSL04165 (Terrain Map)





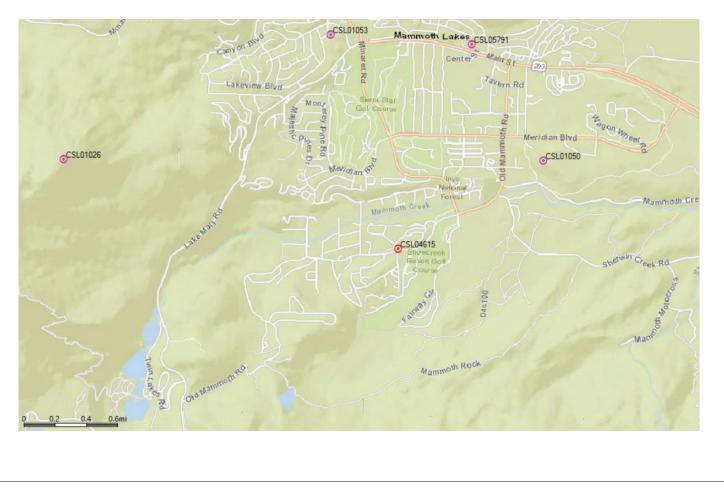
3

Proposed Macro SiteExisting Macro Sites

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😂 AT&T

CSL04165 (Street Map)





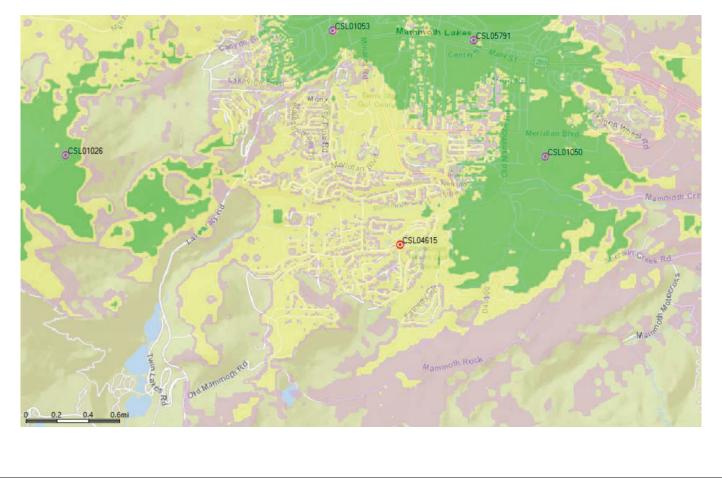
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Proposed Macro SiteExisting Macro Sites

😂 AT&T

Existing Coverage Before Site CSL04165



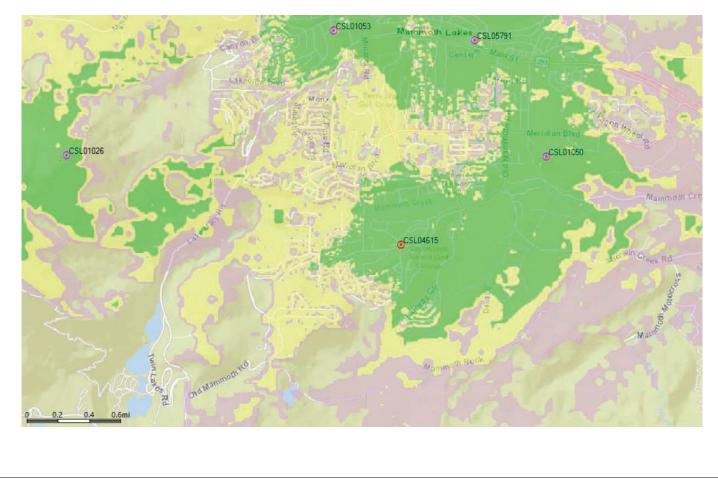


Proposed Macro Site
 Existing Macro Sites

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Existing Coverage After Site CSL04165 – Tower height top @ 80'







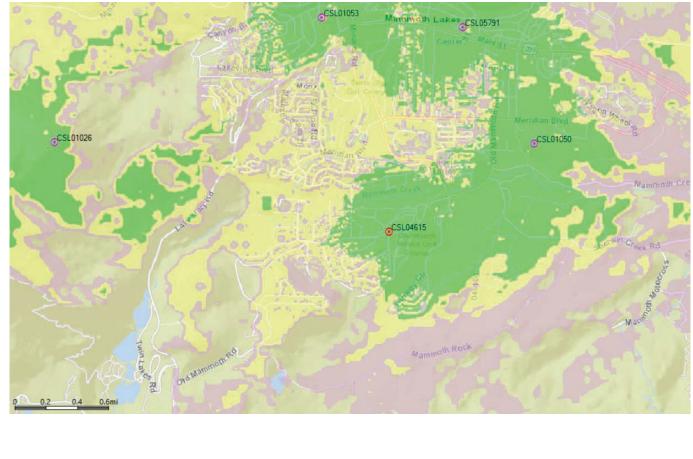
6

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Proposed Macro Site
 Existing Macro Sites

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Existing Coverage After Site CSL04165 Tower height top @ 65'



LEGEND (Coverage Signal) Indoor Signal In-Vehicle Signal Outdoor Signal

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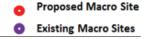
😂 AT&T

Proposed Macro Site
 Existing Macro Sites

Existing Coverage After Site CSL04165 Tower height top @ 35'



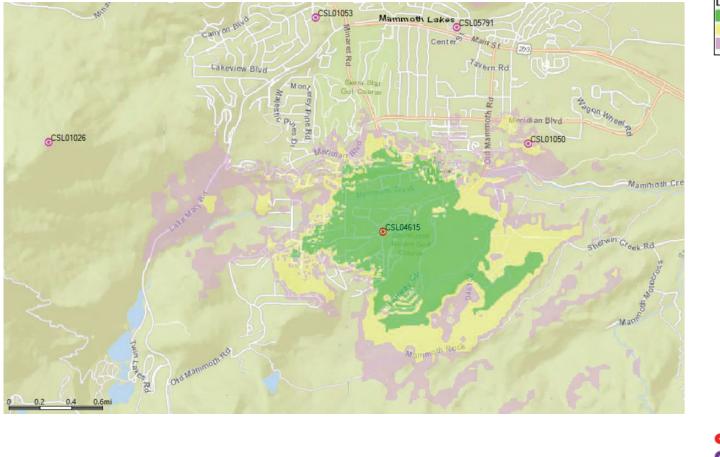




😂 AT&T

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Standalone Coverage Of Site CSL04165 Tower height top @ 80'







9

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Proposed Macro Site
 Existing Macro Sites



Standalone Coverage Of Site CSL04165 Tower height top @ 65'



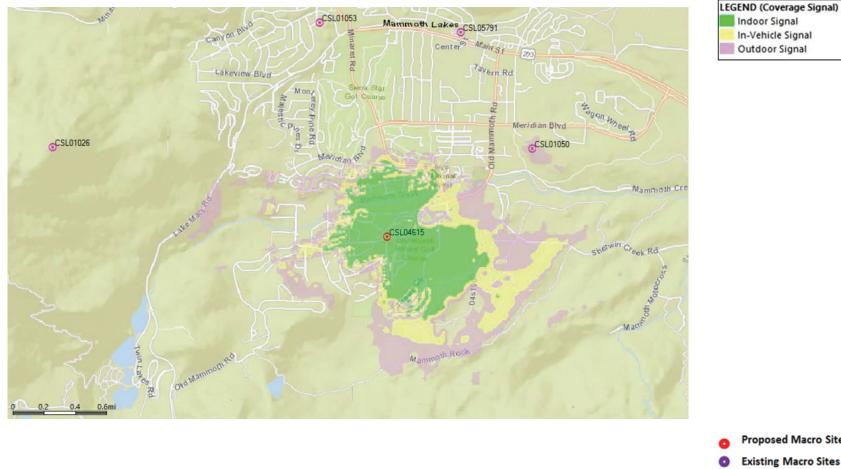


Proposed Macro Site

😂 AT&T

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Standalone Coverage Of Site CSL04165 Tower height top @ 35'





11

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Proposed Macro Site Existing Macro Sites



Coverage Legend

12

In-Building Service: In general, the areas shown in dark green should have the strongest signal strength and be sufficient for most in-building coverage. However, in-building coverage can and will be adversely affected by the thickness/construction type of walls, or your location in the building (i.e., in the basement, in the middle of the building with multiple walls, etc.)

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Outdoor Service: The areas shown in the purple should have sufficient signal strength for on-street or in-the-open coverage but may not have it for in-vehicle coverage or in-building coverage.





Site Justification Coverage Maps



Market Name : Southern California Market Site ID : CSL04615 Site Address : 1574 Old Mammoth Road, Mammoth Lake CA 93546 ATOLL Completion Date: Jan 12, 2024

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Assumptions

2

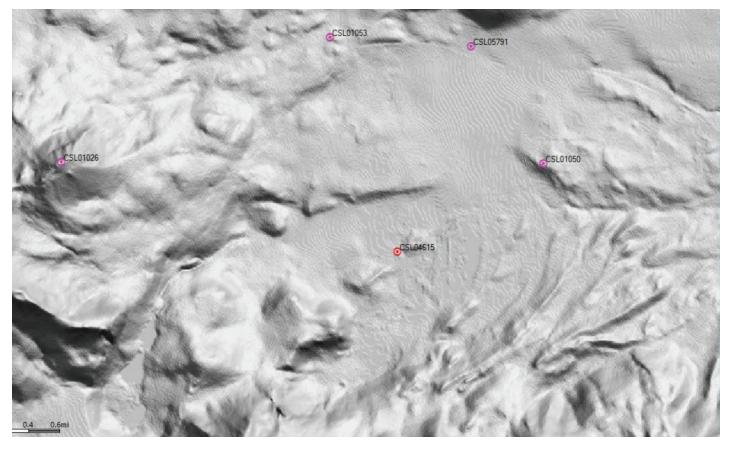
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CSL04165 (Terrain Map)





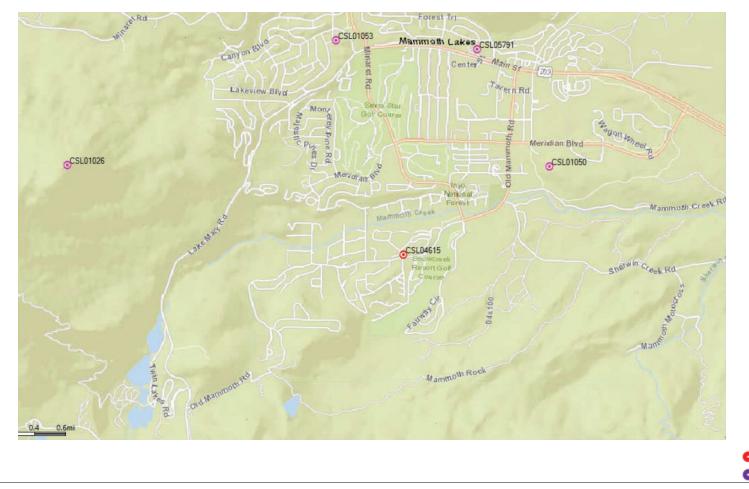
3

Proposed Macro SiteExisting Macro Sites

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CSL04165 (Street Map)





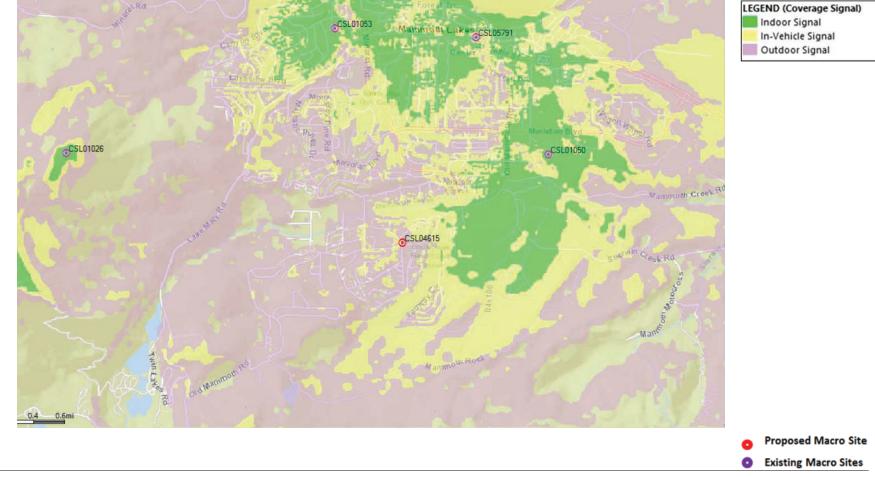
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Existing Macro Sites
AT&T

Proposed Macro Site

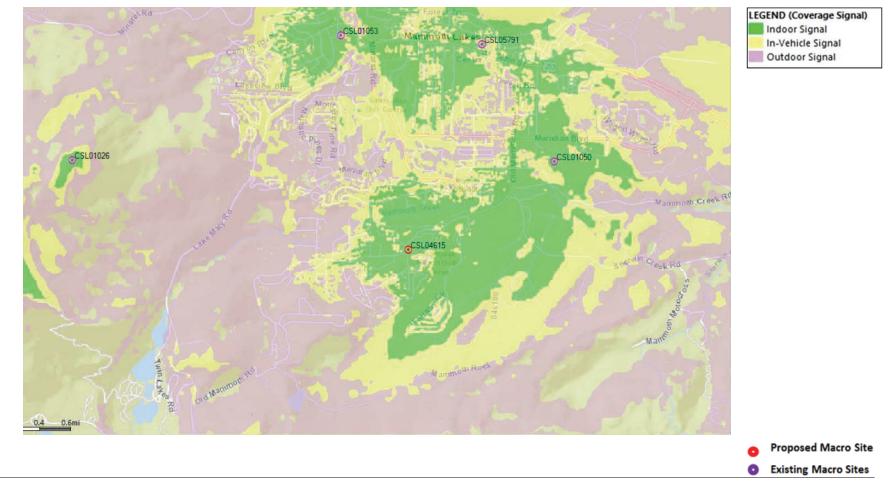
Coverage Before Site CSL04165



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Coverage After Site CSL04165 – Center line 70'

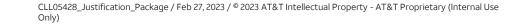


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Coverage After Site CSL04165 – Center line 60'

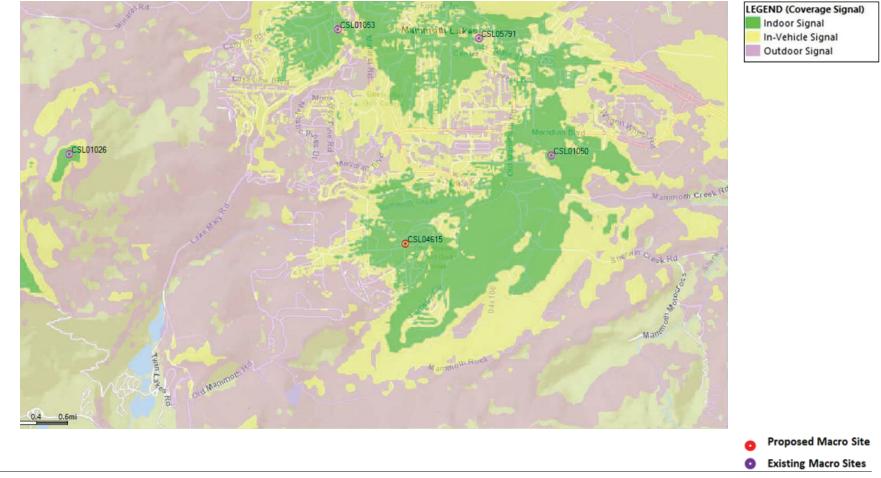




Existing Macro Sites

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Coverage After Site CSL04165 – Center line 50'



😂 AT&T

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Coverage After Site CSL04165 – Center line 40'

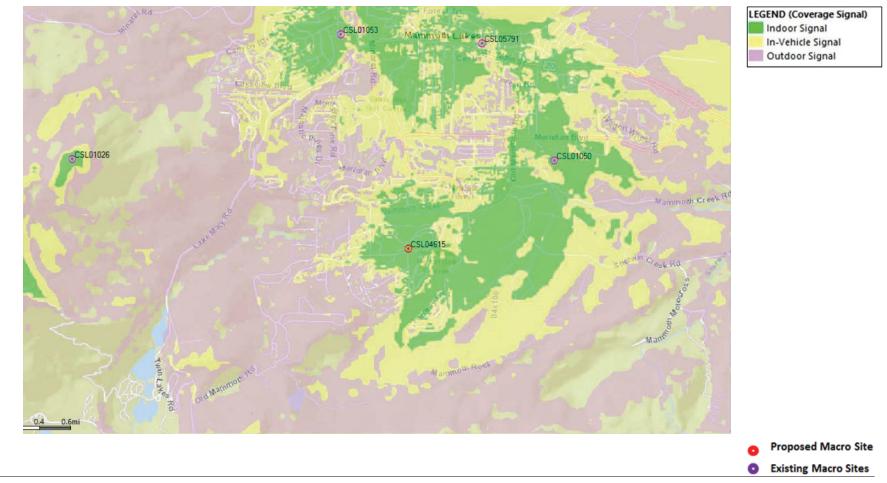


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9

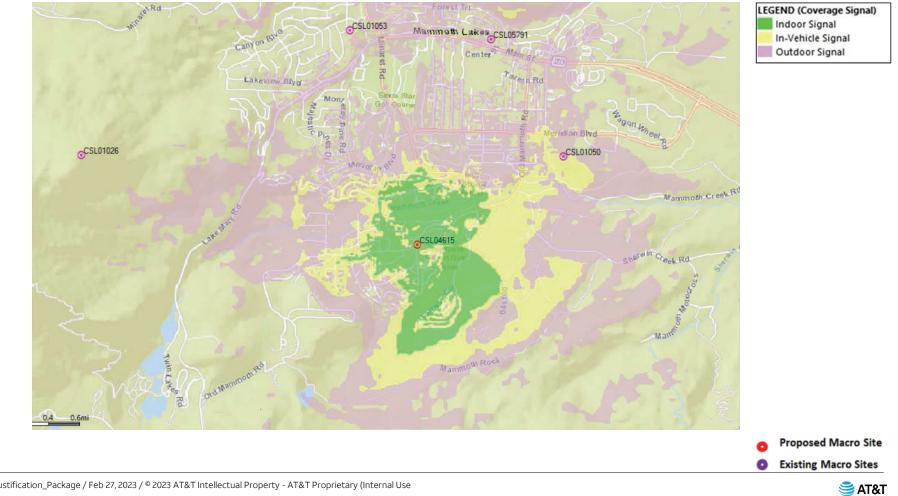
isting Macro Sites Strate

Coverage After Site CSL04165 – Center line 30'

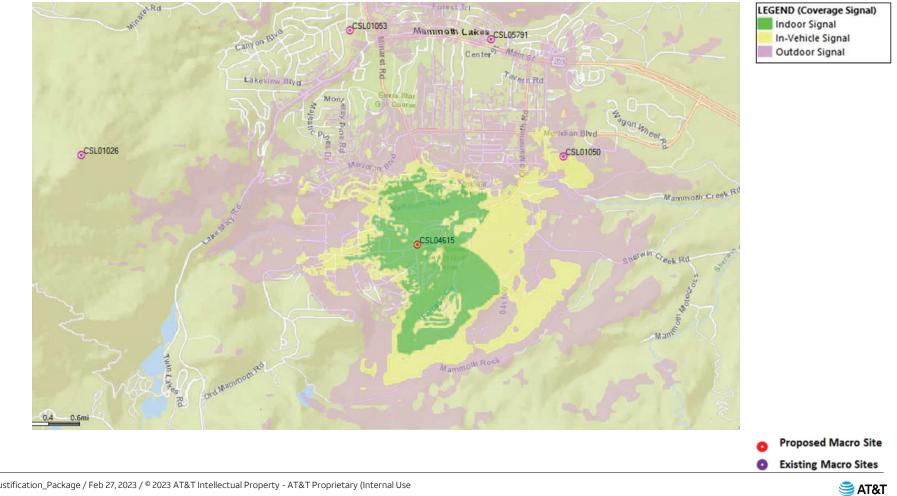


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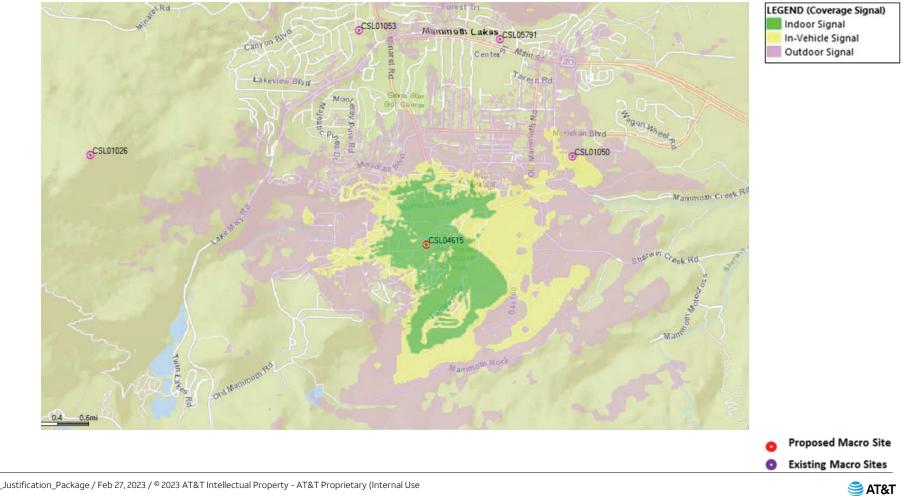
Standalone Coverage Of Site CSL04165 – Center line 70'



Standalone Coverage Of Site CSL04165 – Center line 60'

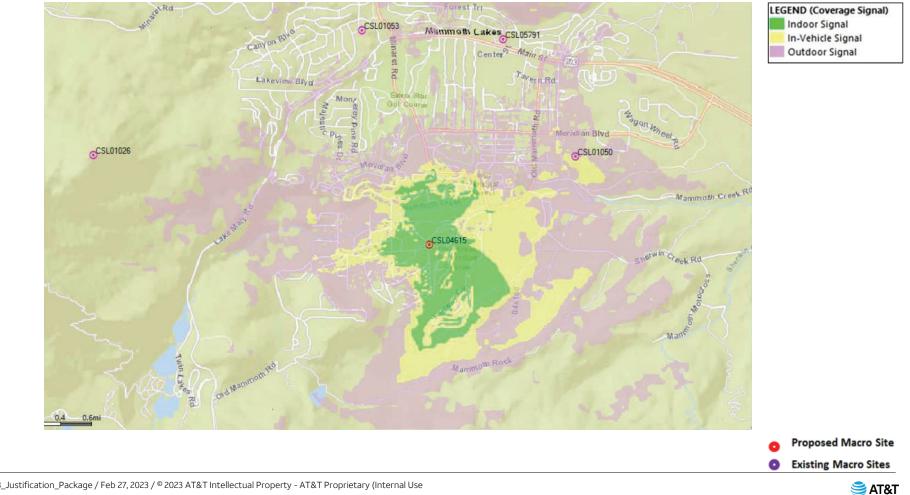


Standalone Coverage Of Site CSL04165 – Center line 50'

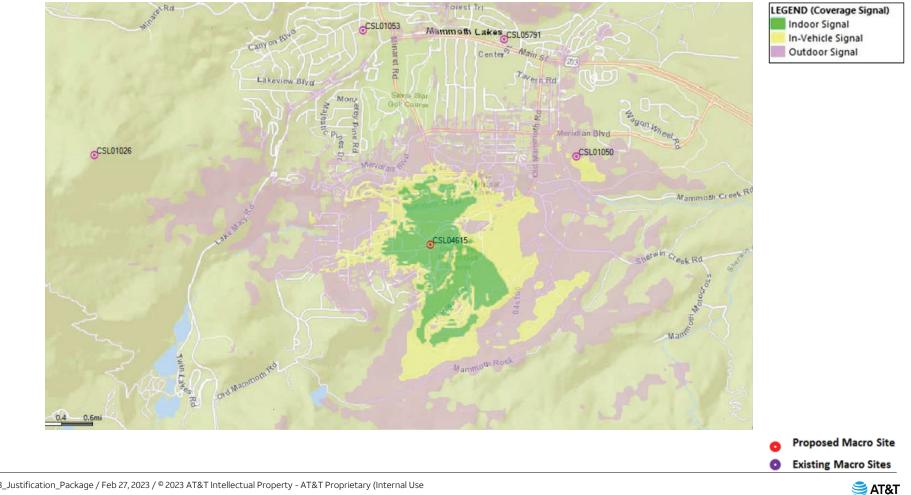


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Standalone Coverage Of Site CSL04165 – Center line 40'



Standalone Coverage Of Site CSL04165 – Center line 30'



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Coverage Legend

16

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