



ALTERNATIVE SITE ANALYSIS
142 Olympic Park Rd., Grass Valley

Site Selection Criteria

- Favorable Zoning
- An Existing Structure
- An area with Marginal Coverage
- A Location w/Minimal Signal Interference
- Minimal Impact to the Surrounding Area
- A Location where the Site can Blend with the Surrounding Area

Coverage Objective

The coverage objective for the proposed site is along Hwy 49/Hwy 20 between Dorsey Dr. and Banner Lava Cap Rd. The coverage extends east up Sutton Way past Plaza Dr. and west to the hills above E. Main St.

T-Mobile (TMO) currently maintains and operates two cell sites within ¼ mile of the proposed site.

- 855 Sutton Way (SC90363) - This is a former Sprint site acquired during the Sprint/TMO merger. It is being decommissioned because of very limited expansion and/or upgrade capability.
- 175 Joerschke Drive (SC09053) - This site has limited expansion and/or upgrade capability.

The two sites above are currently providing coverage for the area. But, due to the limited expansion and/or upgrade capability of both sites, they are scheduled to be removed. Once the proposed site is approved, constructed and on air, sites SC90363 and SC09053 will be decommissioned. The proposed site will be the lone site providing coverage in the area.

Alternative Site(s)

-2033 Nevada City Hwy – Rooftop site on an existing building. This location would provide less coverage than the proposed site due the lower overall height. A second site would be required to provide a similar level of coverage as the proposed site.

-175 Joerschke Drive – Rooftop site on an existing building. This location would provide less coverage than the proposed site due the lower overall height. A second site would be required to provide a similar level of coverage as the proposed site.

-568 Sutton Way – Rooftop site on an existing building. This location would provide less coverage than the proposed site due the lower overall height. A second and third site would be required to provide a similar level of coverage as the proposed site.

Technical Statement

The two existing TMO sites above use older equipment that needs to be updated. Due to the constraints at both sites, upgrades are not viable. The proposed site will use the newest and best commercially available technology to satisfy the coverage objective.