

Header: **Making great skiing close to first class accommodations a reality**

Title: **49 Degrees North- Phase 1/Alpine**

Short summary: Stantec was the right partner with the right qualifications to help take this ski resort to the next level

Project Location: Spokane, Washington

Profile:

Located 49 degrees north and 118 degrees west sits Chewelah Mountain. Just an hour north of Spokane, Washington, the area first caught the eye of winter sports enthusiasts in 1935. Over the next several decades, the area slowly developed as a ski destination, but when the Eminger family bought the operation in 1996, the 49 Degree North Mountain Resort really took off. Since then, hundreds of additional acres of skiable terrain were opened. To say the resort was becoming a hit would be an understatement. The next logical step was to get skiers closer to the mountain.

As a complete green field project in steep terrain, the Stantec team designed the grading, earthwork, and roadways through the common residential neighborhood. A unique aspect of the design is a ski tunnel allowing skiers to all but ski out their doors and onto a chair lift. The multi-span structural plate tunnel features 14-foot high clearance, 24-foot width, and 76-foot length – plenty of space for skiers, but also enough room for snow grooming machines to comfortably pass.

With new trails through and around the master planned community, the Resort is one step closer to becoming a world class skier's paradise.