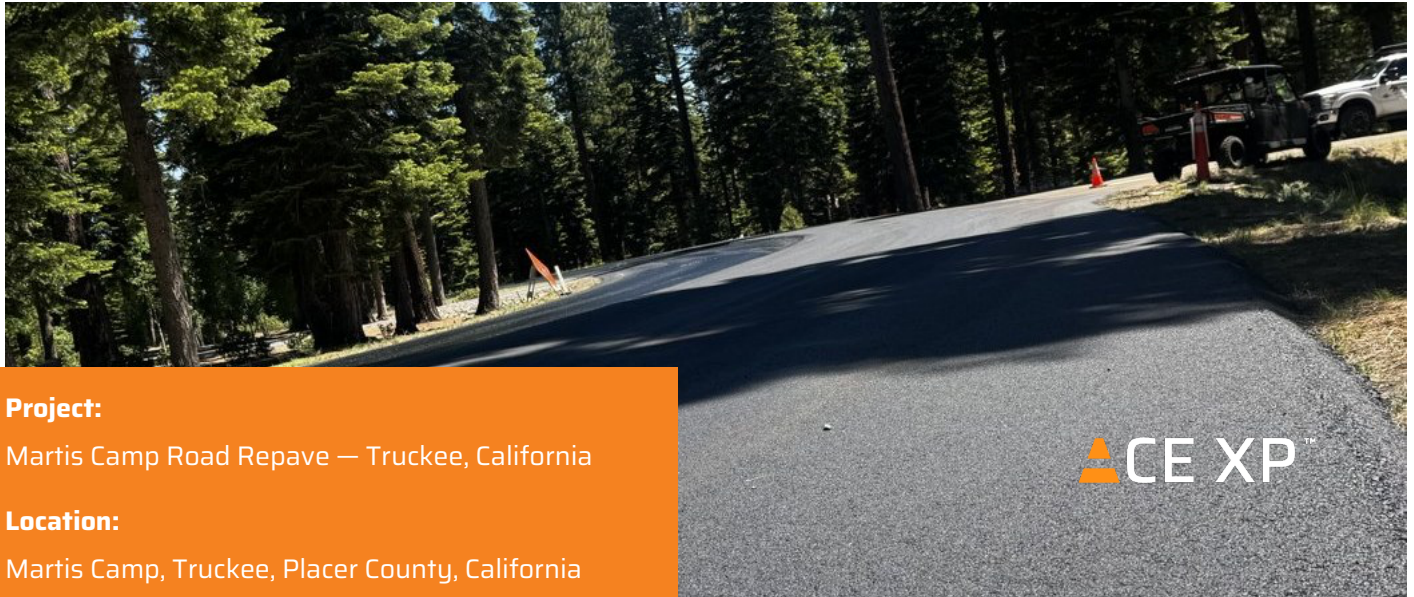


Martis Camp Road Repave — Truckee, California



Project:

Martis Camp Road Repave — Truckee, California

Location:

Martis Camp, Truckee, Placer County, California

Date:

2026

Contractor / Producer:

Advanced Asphalt

Client:

Martis Camp Community

Surface Tech Product:

ACE XP™ 38mm Aramid Fiber (Single Dose)

What We Did

As part of an annual fiber-reinforced paving program at Martis Camp — the private mountain community near Truckee — Advanced Asphalt began repaving community roads in June 2026 with an ACE XP aramid fiber-reinforced mix produced at Teichert's Truckee plant.

Reinforced Mix: A ½" mix with PG 64-28 binder and 1.5" ACE XP 38mm aramid fibers at a single dose — the

plant's first run with the 38mm fiber after years of using 19mm.

Annual Fiber Program: Advanced Asphalt specifies ACE XP for Martis Camp's road program year after year, making fiber reinforcement the community's standing maintenance strategy.

High-Sierra Conditions: Reinforcement engineered for the severe freeze-thaw cycling, snow-removal wear, and heavy seasonal loading of roads at 6,000+ feet.

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Project Scope & Objectives

Martis Camp's private road network faces some of the toughest pavement conditions in California: deep Sierra snowpack, aggressive plowing, and constant freeze-thaw cycling. The community's paving partner, Advanced Asphalt, has made ACE XP fiber reinforcement its standing specification for the annual repave program, pairing Teichert Truckee's plant production with a reinforced ½" PG 64-28 mix designed to extend the life of each season's placements.

Challenges Overcome

Mountain paving windows are short and unforgiving — the work must go down fast, in a compressed summer season, and survive winters that destroy conventional pavements. The 2026 program also marked the plant's transition from 19mm to 38mm ACE XP fiber; production ran strong from the first loads, with the mix looking excellent behind the paver.



Fresh ACE XP-reinforced mat — Martis Camp annual road program, June 2026

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Economic & Environmental Advantages

- **Freeze-Thaw Durability:** Aramid fibers add three-dimensional tensile reinforcement that resists the thermal cracking driven by high-Sierra freeze-thaw cycling.
- **Snow-Country Resilience:** A tighter, reinforced mat stands up better to plow wear and chain traffic through long winters.
- **Repeat-Spec Confidence:** A paving contractor that specifies fiber year after year — and a community that keeps buying it — is the strongest endorsement of in-service performance.
- **No Process Changes:** Single-dose fiber addition ran through Teichert Truckee's standard production and Advanced Asphalt's conventional paving equipment.
- **Lower Life-Cycle Costs:** Extending each placement's service life reduces how much of the network must be repaved each season.
- **Sustainable Pavement Design:** Longer-lasting roads mean fewer repave cycles, less material consumption, and reduced construction impacts in a sensitive alpine environment.

Client Feedback and Results

Paving is underway and running strong, with the 38mm fiber mix performing well from the first loads. Martis Camp's annual return to ACE XP — season after season — reflects sustained satisfaction with how fiber-reinforced sections have held up in one of California's harshest pavement environments.

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Project Photos

Field documentation from JOB-2026-859 — ACE XP 38mm-reinforced repave at Martis Camp, June 2026.



Prepared roadway ahead of the reinforced overlay placement.



Close-up of the fresh ACE XP 38mm fiber-reinforced mat.



Mat texture detail — the plant's first production run with 38mm fiber.



New reinforced pavement winding through the pines at Martis Camp.

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Case Study



The completed section — built for Sierra winters at 6,000+ feet.

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