

Nat Ford Planning & Analysis

Data-driven urban planning, GIS, and aerial insights.

Based near Grass Valley, CA • Remote-friendly across Northern California

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What We Do

- Urban & Transportation Planning: RTP/ATP chapters, corridor strategies, speed & safety
- GIS & Spatial Analytics: PostGIS models, suitability/accessibility, custom web maps & dashboards
- Aerial Mapping & Photogrammetry: orthomosaics, DSM/DTM, point clouds/meshes, before/after visuals
- Funding & Grants: FTA 5339/5310/5311, ATP, CRP, SB-1, IIJA; narratives & readiness
- AI-Enabled Documentation: automated reports, figure/table pipelines, citation QA, RFP triage

Selected Experience

- Sierra County RTP — targets, funding roadmap, cross-agency coordination
- Del Norte County ATP — coastal gaps to grant-ready projects
- Tehama County VMT + CRIP — implementation program and targets
- Plumas Transit (FTA 5339) — operations hub & EV charging grant
- California Coastal Trail (Del Norte) mapping; Chico Velo Wildflower cartography

Why Us

- Rural expertise & practical delivery
- Clear visuals that sell projects to boards and funders
- Reproducible GIS/SQL pipelines; audit-ready datasets
- Fast time-to-insight with Mapbox GL + Supabase + Next.js stack