



"NV5 has a full understanding of the state standards, manuals, department processes, policies and procedures. They are good representatives and stewards of the state. NV5's work ethic ensures that QC/QA is provided and that the workmanship is within compliance of all requirements. They make good engineering decisions, are very conscientious and are willing to listen to suggestions in order to achieve a reasonable solution."

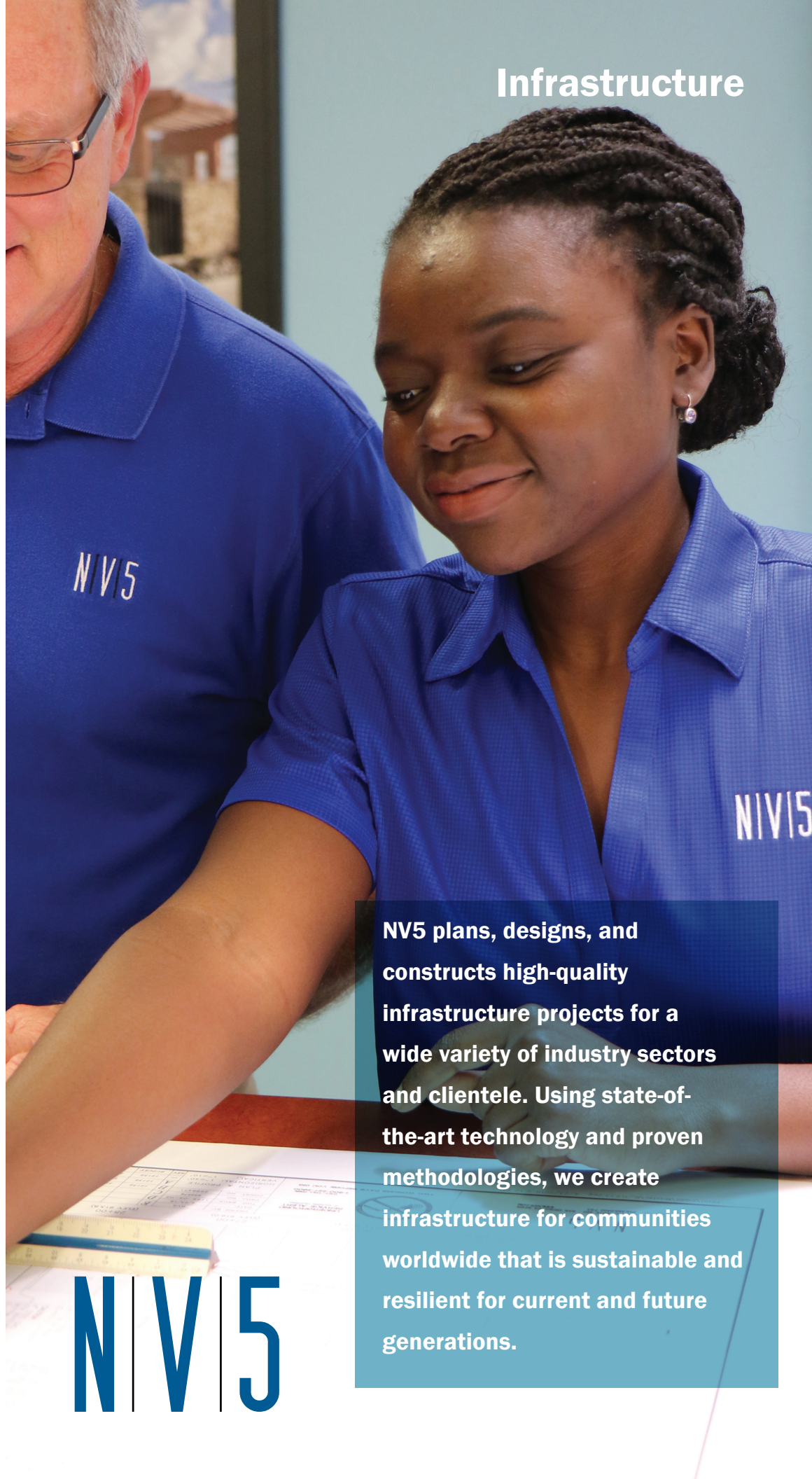
Steve Sakata, Caltrans District 10

NV5

NV5
Offices Worldwide
Phone: 833.522.5685
www.NV5.com



Infrastructure



NV5 plans, designs, and constructs high-quality infrastructure projects for a wide variety of industry sectors and clientele. Using state-of-the-art technology and proven methodologies, we create infrastructure for communities worldwide that is sustainable and resilient for current and future generations.

NV5



NV5 is a leading provider of engineering and consulting services to public and private sectors, offering solutions through five business verticals: Infrastructure, Energy, Program Management, Environmental, and Construction Quality Assurance. With over 2,500 professional engineers and technical support staff in 100 offices worldwide, NV5 plans, designs, tests, constructs, certifies, and operates projects that improve the communities where we live and work.

A sampling of our Infrastructure services are as follows:

Bridge & Structures

- Bridge Design/Widening/ Rehabilitation/Replacement
- Culvert, Dam & Spillway Design
- Retaining Wall, Bulkhead, Boardwalk, Specialty Structure Design
- Seismic Retrofit

Community Relations

- Branding/Graphic Design, Media Relations, Social Media, Events
- Community Education, Public Affairs
- Stakeholder & Public Involvement

Landscape Architecture

- Parks & Recreational Facilities
- Residential, Commercial, Institutional
- Streetscapes & Urban Plazas
- Trails, Greenways & Waterfronts

Planning

- Transportation Planning
- Bicycle, Pedestrian Planning & Design
- Community Impact Assessments
- Community Planning, Downtown Redevelopment & Urban Design/Studies
- Corridor Studies & Plans
- Environmental Justice Evaluations
- NEPA/State Environmental Compliance (Categorical Exclusions, Environmental Assessments, Environmental Impact Statements)
- Indirect & Cumulative Effects Assessments
- Multi-Modal Transportation/Complete Streets
- Pedestrian Safety Audits & Crash Analysis
- Traffic Calming Studies

Site Civil Design

- Site Development
- Athletic Field Design
- Master Planning

Surveying

- Boundary, Topographic, As-Built & ALTA Surveys
- Bathymetric Surveys
- Construction Stakeout
- GPS Surveys for Horizontal, Vertical & Photo Control
- HD Surveys (Mobile, Aerial & Terrestrial LiDAR)
- State DOT Design Surveys
- Subdivision, Wetland Location, Acquisition, Easement/Right-of-Way Surveys & Documents

Traffic Engineering

- Traffic Data Collection/Analysis/ Forecasting/Modeling
- ITS and Signal Design
- Lighting Analysis & Design
- Parking & Circulation Studies
- Traffic Control Plans/Maintenance of Traffic
- Traffic Impact Studies & Simulation

Transportation

- Alignment & Alternative Studies
- Construction & Right-of-Way Plans
- Preliminary & Final Design
- Roadway/Interchange/Intersection Design
- Roundabout Design
- Toll/HOV/HOT

Utility Services

- Conflict Analysis
- Feasibility Studies/Alternative Utility Route Studies
- Ground Penetrating Radar
- 3D Underground Mapping
- Quality Level A-D Subsurface Utility Engineering
- Storm Sewer Video Inspection
- Underground Storage Tank Location
- Underground Utility Designation
- Utility Construction Inspection & Support, Coordination, Relocation Design

Water Resources

- Bridge & Culvert Hydraulics
- Dam Design/Inspection Services
- Erosion & Sediment Control
- FEMA Modeling & Compliance
- Hydraulic/Hydrologic Analysis & Modeling
- NPDES Permitting Potable Water, Recycled Water & Sanitary Water Main & Sanitary Sewer Master Planning, Design/Permitting
- Storm Drainage Studies, Design/Conveyance & Treatment
- Stormwater (BMPs)/Flood Mitigation
- Wastewater Collection & Treatment
- Water Supply, Treatment & Distribution
- Watershed Management Planning

Support Services

- Architectural Services
- Asset Management
- Building Structures & MEP
- Construction Services & Management
- Cultural Resources
- Electrical/Gas Transmission and Distribution
- Electrical Generation (Fossil Fuels & Renewables)
- Environmental Services
- Staff Augmentation
- Funding Assistance
- Geotechnical Engineering/Materials Testing
- GIS Mapping & Data Analysis
- Hazardous Materials Assessment & Mitigation
- Plan Checking
- Program Management
- UAV Thermal Imagery and Video

Contact us at Infrastructure@nv5.com
or call 833.522.5685.

