



Jennes J. Gunther,
P.E.

EDUCATION:

B.S., Civil Engineering, Brigham Young University, Provo, Utah

M.E., Civil Engineering, Brigham Young University, Provo, Utah

REGISTRATION:

Licensed Civil and Professional Engineer in California

Jennes J. Gunther has over 24 years of design and management experience in a wide variety of projects including land development, public works, sanitary engineering, hydrology and post-tension design.

PROJECT EXPERIENCE:

- **In charge of alignment studies and final design of approximately 13 miles of 48-90 inch diameter outfall sewer lines for the County Sanitation Districts of Los Angeles County (Senior Engineer)-** Much of the alignment traversed major streets and required extensive utility coordination and relocations, traffic control and interfacing with various agencies. The project also included the design of several major junction structures, inverted siphons and tunnels.
- **In charge of alignment studies and final design of approximately 3 miles of 48-54 inch diameter water main for the City of Concord, California (Senior Engineer)-** Design included traversing major streets, a BART parking lot and some environmentally sensitive areas.
- **Taft Federal Prison Wastewater Treatment Plant in Taft, California (Senior Engineer)-** This involved the complete design of a new WWTP for the new Taft federal prison. The design included headwork, secondary treatment facilities, a pumping station, drying beds and general civil site work and yard piping for the facility. Also required extensive coordination with a team of civil, structural, mechanical, chemical and electrical engineers.
- **River Mountain Reservoir. Southern Nevada Water System's 55-million gallon water regulating reservoir near Lake Mead, Nevada (Senior Engineer)-** This reservoir was part of an overall project to provide necessary redundancy for the system which fed potable water to the Las Vegas Valley. The work required the coordination of civil, mechanical, structural and electrical engineers. The project also involved the design of ancillary facilities to the reservoir including a 2-mile access road, 1 mile of 90-inch pipeline, hydrology studies and the design of a 2,500 CFS flood control channel to protect the reservoir.
- **Design of a 1-million gallon emergency sewer storage reservoir, Crestline Sanitation District (Senior Engineer)-** The purpose of the reservoir was to provide emergency storage in the event of a pump system failure or temporary power outage at the wastewater treatment plant. The project also included design of yard piping related to the project.



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PROJECT EXPERIENCE:

- **Alignment study of a 39-mile Lake Nacimiento Pipeline (Senior Engineer)**- The pipeline ranged from 24-42 inches in diameter and was pre-designed for the purpose of delivering water from Lake Nacimiento, California to the cities of San Miguel, Paso Robles, Templeton, Atascadero, Santa Margarita, San Luis Obispo and the surrounding areas. The alignment traversed many challenging areas, including narrow, winding streets, difficult terrain and environmentally sensitive areas.
- **2020 water system master plan for the City of Indio, California (Senior Engineer)**- This project required extensive field and office data collection in order to run a computer network model of the existing pipeline system and projected improvements for the estimated 2020 population, including the addition of pumps, pressure zones and storage reservoirs.
- **Design of a 600 GPM sanitary lift station and force main for the Coachella Valley Water District in Rancho Mirage, California (Senior Engineer)**- The lift station was built to facilitate development of a section of high-end residential and commercial property in the City of Rancho Mirage.
- **Versailles, a 276-lot subdivision for Regency Homes in Rancho Mirage, California (Engineering Manager)**- Responsible for all aspects of the project from the planning and entitlement phases to final construction. Design of infrastructure including water, sewer streets, drainage facilities, grading, and a sanitary lift station and force main.
- **España, a 471-lot subdivision for Regency Homes in Indio, California (Engineering Manager)**- Responsible for all aspects of the project from the planning and entitlement phases to final construction. Design of infrastructure including water, sewer streets, drainage facilities, and grading.
- **Engineering Plan Checking Consulting, City of Rancho Mirage, CA**- Responsible for plan checking civil engineering plans for the City of Rancho Mirage. Includes rough and precise grading plans for single-family subdivisions, custom homes and commercial developments, street improvement plans and drainage plans.
- **Love's Travel Stop/Country Store, Coachella, California (Senior Engineer)**- Civil engineering design of an 8-acre facility, including a truck stop and a Carl's Jr. Restaurant. Also included the design of off-site streets and water and sewer extensions to the project.