

# Jay Gunther, M.E., P.E.

## Senior Project Engineer

### Education

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

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

### Registrations

*Registered Civil Engineer  
California No. C-39583*

### Experience

*26 Years*

Jay Gunther has over 26 years of design and management experience in a wide variety of projects including land development, public works, sanitary engineering, hydrology and post-tension design. Selected project experience includes:

- Senior Engineer 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. 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.
- Senior Engineer 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. Design included traversing major streets, a BART parking lot and some environmentally sensitive areas
- Senior Engineer for the Taft Federal Prison Wastewater Treatment Plant in Taft, California. 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.
- Senior Engineer for the River Mountain Reservoir. Southern Nevada Water System's 55-million gallon water regulating reservoir near Lake Mead, Nevada. 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.
- Senior Engineer for an alignment study of a 39-mile Lake Nacimiento Pipeline. 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.
- Senior Engineer for the 2020 water system master plan for the City of Indio, California. 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.

