

Jim Stevens

Experience Summary

Mr. Stevens has upper level management experience on a variety of increasingly large heavy civil construction projects, including design-bid-build and design-build projects. They include tunnels, bridges, pipelines; construction of structures requiring shotcrete for structural support; retaining walls, including MSE and cantilevered cast in place concrete; earth moving projects exceeding 2 million CY; new concrete and steel rail and highway bridges; new and relocated utilities; and asphalt and concrete paving work. Many projects were built on wet and unstable ground, through heavily populated areas and high traffic corridors, and along environmentally sensitive waterways, canyons and mountains. He also has managed the design-build construction of various types of buildings. A real problem solver, he takes pride in maintaining strong relations with all project participants and resolving disputes through real Partnering and, when necessary, Disputes Review Boards.

Years of Experience: 45

Education: General Studies, South Dakota State University, 1960-62

Licenses: California Contractors License 256194, Classes A Civil Engineering, B General Building, and C12 Grading and Paving.

Current Position: **Senior Project Manager**, Michels Corporation, Tunneling Division (February/10 to present), **San Francisco Bay Tunnel** (\$215 million) **Owner – San Francisco Public Utilities Commission**. The project is utilizing a Hitachi Zosen Earth Pressure Balance Tunnel Boring Machine to bore the water conveyance tunnel through soft ground under the San Francisco Bay. A 58 ft. diameter x 141 ft. deep launch shaft was excavated under water inside concrete diaphragm walls. A tremie concrete plug was placed under 130 ft. of water. The retrieval shaft, 23 ft. diameter x 98 ft. deep was constructed using frozen walls with temporary ring beams and lagging support. There were no intermediate shafts in the 26,280 ft. in tunnel length. The tunnel utilized a two-pass lining system incorporating, bolted and gasketed, precast concrete segments 14-ft 10-in O.D. x 12-ft 10-in I.D., 5 ft. in length, for the initial tunnel support and a welded 9-ft diameter steel pipe, cement mortar lined, grouted in place for the final water carrier pipe. Included were various pipe connections at the surface along with control valves and site restoration. Currently the project is running well ahead of schedule.

Experience with Obayashi Corporation Inc.:

Projects Sponsor (June/04 to February/10), responsible for overseeing Obayashi's management and sponsorship of the **Hoover Dam Bypass Bridge** (\$114 million), **Owner – US Department of Transportation Federal Highway Administration**. Responsible for a 1,900' long open spandrel deck arch bridge being constructed 890' above the Colorado River from cable-ways strung between Nevada and Arizona; and the **Beacon Hill Tunnels and Stations Project** in Seattle, WA (\$285 million) **Owner – Sound Transit**. Responsible for a complex job that includes twin 4,300' long by 21' bored EPB tunnels, two large (30' and 50' diameter) by 180' deep shafts conventionally mined from within slurry walls, NATM excavation of a station cavern complex with platforms, access and ventilation adits, and equipment, 2,100' of twin aerial precast guideway, and a large concrete and glass aerial station. He also had oversight of Obayashi's JV interest in the **Big Sand Wash Reservoir Enlargement** in Duchesne County, UT. (\$35 million) **Owner – Central Utah Water Conservancy District**, a clay core reconstruction of the dam, with a new outlet tunnel 1200-ft x 8-ft diameter excavated by roadheader.

Experience with Others:

Construction Consultant (1/90 to 2/92), to Osberg Construction. **Estimating and bidding** of various heavy/civil projects throughout the US, primarily pipelines and pump stations, diversion dams, sunken caissons, siphons, and appurtenant structures.

Contractor/Developer (1981 to 1/90). Self-employed owner and manager of **Stevens Builders** in Fresno, CA; development and construction of multi-family residential, commercial, and retail offices in central California. Managed land acquisition, design, construction and sales.

Construction Manager (1976 to 1981), for the Walker-Pinkston Companies, Fresno, CA. He managed all construction for this **design/build company** with an annual construction volume of \$50 million per year. Mr. Stevens was responsible for all aspects of the construction of industrial plants, warehouses, shopping centers, schools and office buildings in California.

Project Engineer (1970 to 1976), for Granite Construction Company, Watsonville, CA. Responsible for scheduling, cost control, site supervision, and subcontracting on the following:

•**I-205 Freeway Construction**, Portland for Oregon DOT. Excavation, grading, paving, landscaping, lighting, utilities and bridges. Bridges included two precast, prestressed I-beam bridges with spans exceeding 100 feet; eight box girder, post-tensioned bridges with spans exceeding 100 feet; and a flat slab bridge with span exceeding 50 feet.

•**The Mojave Siphons**, for the California Department of Water Resources (DWR). Excavation, installation and backfill of 3 miles of 11' precast, prestressed concrete water pipe.

•**The Mojave Canal**, for the California DWR. Involved excavation and lining of 30 miles of irrigation canal, including 15 precast, prestressed I-beam bridges with 100'+ spans; 45 CIP concrete over-chutes with 50'+ spans; check and control structures and related work.

•**Mt. Elbert Dam and Forebay**, a pumped storage plant near Leadville, CO for BuRec. Excavation, dam embankments, grading, access roads, utilities, and penstocks.

Operator/Foreman (1963 to 1970), doing highway grading and paving and pipeline excavation for **Kennedy Contractors and Thomsen Enterprises**, both of Santa Cruz, CA.

Owner References:

- Dave Zanetell, Project Manager, Hoover Dam Bypass Project - US Dept. of Transportation, Federal Highway Admin, Currently with Edward Kraemer & Sons 303-688-7500, 900 W. Castleton Rd, Castle Rock, CO 80109
- H. Lee Wimmer, Const. Manager, Upper Diamond Fork Tunnel & Pipeline - Central Utah Water Conservancy District, 355 West University Pkwy, Orem, UT 84058; Phone (801) 226-7100; Fax (801) 226-7150.
- Curtis A. Pledger, Manager, Field Engineering Division, U.S. Department of the Interior, Bureau of Reclamation 302 East 1860 South, PRO-300, Provo, UT 84606-7617; Phone 801-379-1000; Fax 801-379-1159
- Bob Mues, Construction Manager/City Representative, San Francisco Bay Tunnel - San Francisco Public Utilities Commission, 5000 University Ave. Menlo Park, CA 94065 - 650-470-2551

Contractor References:

- Wilford W. Clyde, President CEO, Clyde Companies Inc. 730 North 1500 West, Orem, UT 84057, 801-802-6900
- Hirokazu Onozaki, Obayashi Corp - 577 Airport Boulevard, Suite 600 Burlingame, CA 94010; Phone 650-952-4910; Fax; 650-589-8384
- Paul Cocotis, President CEO, Shimmick Construction, 8201 Edgewater Dr. Suite 202, Oakland, CA 94621 510-777-5000
- Mike Garcia, CEO and President, Tri-Valley Excavating Inc. 6503 Calaveras Rd. Sunol, CA 94586, 925-862-0708 / Mobile: 925-766-7457
- Nash Williams, President National Welding Corporation, 7025 S. Commerce Park Dr. Midvale, UT 84047. 801-255-5959