

Fred Valencia, P.E.

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SUMMARY

Over 31 years of Caltrans experience and 23 of those years in the Division of Construction. Caltrans positions held include Project Engineer, District Hydraulics Engineer, Construction Engineer, and Area Construction Manager. Also served as instructor at the Caltrans Division of Construction “Resident Engineer Academy”.

EDUCATION AND LICENSES

California Polytechnic State University, Pomona

- Graduated in June 1985 with a Bachelor of Science Degree in Civil Engineering
- Registered Civil Engineer (California Certificate No. 44244)

CIVIL ENGINEERING EXPERIENCE

Senior Construction Manager, S2 Engineering Inc. Aug 11, 2014 – Dec 18, 2015

Senior Construction Manager, Marketing and Operations

- Prepare statements of qualifications, research potential market opportunities, maintain client relationships, and obtain feedback on client needs. Firm, provides construction management, inspection, and materials testing.
- Oversight and Management of day to day operations focusing on client services and meeting client needs.

Supervising Transportation Engineer, Caltrans D8 Construction May 2004 – Aug 5, 2014

Area Construction Manager

- Provided assistance on complex and sensitive contract administration issues, budgeted for personnel and resources necessary to administer construction program, coordination of construction activities with other district functions, supervision of assigned personnel, ensuring that materials and completed work complied with plans, specifications, and design criteria, review and approval of resident engineer’s recommendation for change orders and/or time extensions, ensuring that the maintenance of project records complies with this manual, ensuring the performance of all safety-related activities, and ensuring compliance with regulations and specifications related to labor and civil rights.
- Involved in review and approval of the baseline schedule and monthly updates to the schedule, the management of Notice of Potential Claims (NOPCs), Safety Reviews, implementation of SWPPPs, active participation in Partnering Meetings, and Dispute

Review Board status and issue meetings. Closely involved with the Construction Engineer and Resident Engineer in the negotiation, issuance, and implementation of CCOs.

Senior Transportation Engineer, Caltrans D8 Construction March 1994 – May 2004

Construction Engineer

- First line supervisor of assigned construction field staff responsible and accountable for their performance. Ensuring staff had needed tools, resources, and adequate training to successfully complete assignments.
- Review and deciding whether to approve or not approve contract changes.
- Ensuring all materials incorporated into the work satisfy the contract documents.
- Ensure appropriate maintenance of project records, the performance of safety-related activities, and ensuring compliance with regulations and specifications related to labor and civil rights.

Senior Transportation Engineer, Caltrans D8 Project Development 1989 – March 1994

District Hydraulics Engineer

- First line supervisor of assigned Hydraulics Unit staff. Assisted legal staff on drainage related issues, provided drainage design expertise and advice to design staff, reviewed and developed solutions to public complaints regarding roadway drainage, prepared drainage reports, reviewed design plans being developed, and developed drainage related projects.

Senior Transportation Engineer, Caltrans D8 Project Development 1988 – 1989

Project Engineer (Design)

- First line supervisor of assigned Design staff. Responsible for the preparation of plans, specifications, and estimates of assigned projects. Provided design support for projects in construction.

SAMPLE PROJECT EXPERIENCE

2013/14	08-Riv-62-0.0/R6.7	Rehabilitate Roadway Pavement and Widen Median Shoulders	\$14,000,000
2012/14	08-SBd-15-3.8/12.8	Pavement Rehab, Slab Replacement, Replace Bridge Railing and Approach Slabs	\$99,000,000
2010/14	08-SBd-62-142.2/142.6: La Paz-95S1-142.6/142.9	Replace Colorado River Bridge at Parker, AZ	\$21,700,000
2014	08-SBd-15, 40, 127, 58, 95 and 247-Var	Bridge Rehab, Shoulder & Ramp Seal, Install Guardrail	\$2,520,000
2014	08-SBd-10, 210-Varies	Resurface Bridge Decks and Replace Joint Seals	\$1,350,000

2012/14	08-Riv,SBd-91,215-21.5/21.7, 43.2/45.2, 0.0/5.1	Construct Retaining Walls, Bridges and Widen Roadway with HMA (Bi-County Project)	\$160,000,000
2013/14	08-SBd-40-R73.0/R89.0	Cold Plane, Overlay and Place Rumble Strip on Roadway	\$19,300,000
2013/14	08-SBd,Sac-5,15-23.3,107.3	Upgrade Existing Roadside Rest Area, CV Kane SRRA	\$8,000,000
2013/14	08-Riv,SBd-15-51.5/51.7, 1.8/2.2	Remove Metal Beam Guard Railing and Place Concrete Barrier (Type 732B)	\$2,010,000
2013/14	08-Riv-10-R57.6/R60.9	Pave Shoulder with RHMA-G, Replace Concrete Slabs, Grind Concrete Lanes	\$4,270,000
2013/14	08-SBd-40-R3.0/R28.1	HMA Overlay and Metal Beam Guard Rail	\$22,500,000
2013/14	08-SBd-40-R138.3/R154.5	Cold Plane and Overlay, Upgrade MBGR, Construct Dikes, Replace Overside Drains	\$20,200,000
2013/14	08-SBd-40-R119.0/R138.3	Mill, Overlay AC, Metal Beam Guard Rails, Dikes and Overside Drains	\$27,000,000
2013/14	08-Riv-10-44.7/50.3	Construct Concrete Barrier, Widen Outside Shoulder, and Hydroseed.	\$3,200,000
2013/14	08-SBd-95-51.2/51.7	Realign roadway with HMA over aggregate base	\$2,450,000
2013/14	08-Riv-86S, 79, 74, 10-Var	Methacrylate Sealing Bridge Decks, Replace Joint Seals, and Slope Paving	\$1,410,000
2012/13	08-Riv-10-71.8/R72.3	Upgrade Waste Water Treatment System	\$910,000
2012/13	08-Riv-10-R15.8	Construct New Administration Building, Septic System, and Leach Field	\$910,000
2011/12	08-Riv-86S-R16.0/R16.7	Construct New Interchange	\$9,000,000
2011	08-SBd-10-20.0/R24.5	Grind PCC pavement and reconstruct guard railing	\$1,860,000
2009/13	08-SBd-210,215-34.6/36.0,14.4/18.8	Widen Freeways, Construct Bridges (Segments 5 &11)	\$110,000,000
2007/11	08-SBd-215-6.6,7.8/10.4	Construct HOV lanes and Overpasses (Segment 3)	\$81,000,000
2009/11	08-Riv,SBd-15-82.8/84.1,0.0/6.3	Pavement Rehabilitation, Median Paving, and Bridge Widening	\$75,000,000
2009/10	08-Riv-78-3.3	Replace Concrete Bridge	\$1,670,000
2009/10	08-Riv-10-66.5/71.7	Construct Interchange (Bob Hope Dr.)	\$37,000,000