

DAVID PLACE, P.E.
2704 NW Starview Drive
Bend, Oregon 97701
(541) 318-5456
e-mail dplace@bendbroadband.com

HEAVY CIVIL CONSTRUCTION CONSULTANT

QUALIFICATIONS

- BS in Civil Engineering, 1959-Montana State University
- Registered Professional Engineer-Oregon-5240PE
- Registered Land Surveyor-Oregon-1405LS
- Registered Professional Engineer-Montana-2505PE
- Registered Professional Engineer-New Zealand

Organization Memberships

- **Fellow** - American Society of Civil Engineers
- Member of “**The Beavers**” Construction Organization

Professional Training

- Dispute Resolution Board Foundation Administration and Practice Workshops.
- SureTrak and Primavera Scheduling Workshops.

Dispute Resolution Board Experience

- DRB member for Idaho Transportation Department’s Sandpoint By-Way Project; a \$98,000,000 re-route of Hwy 95 around Sandpoint. Work involves multiple cofferdams, steel superstructure bridges, and multiple schedule impacts for environmental issues re: Lake-full, Lake-down, etc. Parsons Construction from Seattle, WA is the Prime Contractor.
- DRB member for Idaho Transportation Department’s Robinson and Blackcat Road Project, involving 2 new structures over I-84 west of Boise, ID. The structures were to be constructed using “rapid bridge construction” methods and the first Robinson Rd. structure collapsed during

construction. Graham Construction from Spokane, WA is the Prime Contractor.

- Work with Skagit County PUD on development of an alternative dispute resolution procedure on the construction of a major water pumping plant on the Skagit River in NW Washington. The key issue on this project is the construction of a very difficult 3-sided cofferdam connected to a tied-back retaining wall. My involvement on this project was because of my extensive cofferdam experience.
- Independent Technical Reviewer; Port of Seattle and Sound Transit. 160th Street Loop Ramp/NER Phase 1. \$95M project to extend Sound Transit's light rail system to SEA-TAC Airport. Mowat Construction Company is the prime contractor.
- DRB Chairman. Idaho Department of Transportation, Rainbow Bridge Project on the North Fork of the Payette River, Highway 55, 70 miles north of Boise, Idaho. Mowat Construction from Bellevue, WA is the Contractor.
- DRB Member. Lewis and Clark Bridge 433/1 Deck Replacement for WSDOT. Max J. Kuney is the contractor on this \$18,000,000 project.
- DRB Member. Maple Valley to Hobart on State Rte. 18 for WSDOT. Project is a \$55,000,000 modernization with grading, paving and 14 structures through a very environmentally sensitive corridor. Guy F. Atkinson is the contractor.
- Third Party Facilitator for JW Fowler Construction on I-5, North Medford Interchange Project with the Oregon Department of Transportation; a \$15,000,000 Project.
- Third Party Facilitator for Laskey-Clifton Construction Co. on ODOT Hwy 101 to Shinglehouse Slough Project in Coos County, OR; and the Sutherlin Creek Project, David Evans is the Engineer, and the City of Sutherlin is the Owner in Douglas County, OR.
- Miscellaneous bridge projects acting as a construction consultant to bring the Owners and Contractors together to work out entitlement issues to avoid the claims and litigation process.

PROFESSIONAL EXPERIENCE

- **Heavy Civil Construction Consultant**

- Member of Schedule Analysis, Constructability, and Risk Analysis Team since 2005 for Caldrop Corp. of Emeryville, CA on San Francisco Oakland Bay Bridge Self Anchored Suspension Span Contract. (\$1.4 Billion Contract); South-South Detour (\$250,000,000 Contract); Yerba Buena Island Box Girder Structure, (\$300,000,000 Project) and Oakland Touchdown (OTD #1, (\$175,000,000 Project).
- Member of Cost Analysis, Scheduling, and Constructability Team for Caldrop Corp. for Trans Canada/GTM (Palomar) natural gas pipeline from Central Oregon to Westport, OR on the Columbia River. This is projected as a \$750M project.
- Member of Cost Analysis, Scheduling, and Constructability Team for the raising of Scoggins Dam 40 ft. This work was for Parsons Brinkerhoff/Shannon and Wilson, and the Client is Tualatin Valley Water District. The project involves raising an existing USBR dam 40 ft. to provide more water storage for drinking water for the communities served by TVWD on the west side of Portland. This project has a projected cost of \$300,000,000.
- Member of OBEC Design Team for 53rd Ave. Project in Albany, OR providing construction schedules, cost estimates, and drawing and specification reviews for an Economic Development Project to provide access for a new Pepsico (Gatorade) Plant.
- Member of OBEC/TY Lin design team for the construction of the new, \$120M, Willamette River Bridge on I-5 in Eugene, OR. I prepared the cost estimates for the 6 alternative type structures as well as the initial construction schedules for the project.
- Developed initial construction schedules for David Evans and Associate's for site work for the Port of Portland's Troutdale Industrial Park on the site of the old Reynolds Metal Aluminum Plant, for the construction of a \$100M Fed Ex Facility.
- Member of Value Engineering Team for OTAK Engineering for the Sandy River (Ten Eyck) Road Bridge. The mission is to develop alternative design solutions for a bridge at an extremely difficult construction site that previously bid and the bids were much higher than the Engineer's estimate.
- Member of Value Engineering Team for Lander St. Bridge Project for the City of Seattle. The main component of the Project is a bridge over the mainline of the BNRR near Qwest Field in Seattle and the purchasing of right of way for a construction detour, relocation of major utilities, MSE Wall construction, etc.

- Develop Construction Schedule (P-3) for OBEC Consulting Engineers and ODOT for the I-205 Project from I-5 to Oregon City. This a very complicated project to reconstruct I-205 in a 2 year time frame.
- Member of Cost and Schedule Analysis Team for Pinnell-Busch of Portland, OR on City of Portland Aerial Tramway for OHSU Project.
- Member of Value Analysis Team for SFOBB East Span (YBI Split) VA Study of Yerba Buena Island Viaduct in San Francisco Bay.
- Preliminary constructability analysis for SOJ for replacement of Rawl Wheels on the Broadway Bridge Lift Spans over the Willamette River in Portland, OR. for Portland Street Car Project.
- Cost preparation, schedule, staging review, and constructability review for the MLK/Grand Ave. Viaduct Project for David Evans and ODOT in Portland, OR.
- Claims review for Pinnell Busch, Legal Firm and Bonding Company for removal of Laast Construction from a very complicated drilling, tie-back project for the FHWA in Glacier Park, MT.
- Cost estimates, schedules, and constructability review for OBEC Consulting Engineers on I-5/Belt Line Fly-over Project in Eugene, OR.
- Claims preparation, schedule and cost reviews for Pinnell Busch representing clients on the Big Y Interchange Project, I-84, in Boise, Idaho.
- Construction costs, scheduling, and construction methods review for Wildish Standard Paving on rehabilitation of the Historic Monroe St. Bridge over the Spokane River in Spokane, WA.
- Change order estimating and entitlement reviews for Pinnell-Busch Inc. out of Portland, OR. on the Sitka Harbor Bridge at Sitka, Alaska. The Alaska DOT is the owner and the project was to seismic retrofit the existing cable stayed structure.
- Construction estimates, schedules, and constructability reviews for OBEC Consulting Engineers on the Burnside Bridge over the Willamette River in Portland, OR. Work involves the retrofit of the mechanical, electrical, and civil work on a Strauss-type Bascule Bridge built in 1926.

- Construction cost estimates and schedules for URS Corporation's Portland office for 3 bridges on US 26 west of Mitchell, OR. ODOT is the owner on this remote project.
- Bid estimate for Hamilton Construction on I-5 Columbia River Bridges for mechanical, electrical, and civil retrofit of lift spans, a \$12M project. Hamilton was the low bidder on this ODOT Project.
- Construction Estimating and Scheduling for David Evans and Associates on the Murray Morgan Lift Span Bridge for the City of Tacoma, WA. The project involves design and cost studies to either replace or rehabilitate the existing lift span structure over the Tacoma waterway.
- Constructability Review for Washington Department of Transportation and Skillings-Connolly Consulting Engineers on I-5, South 48th to Pacific Avenue. The project is a \$90,000,000 modernization of I-5 at the SR5/SR16 Interchange near the Tacoma Dome.
- Construction Estimating and Scheduling for Sauvie Island Bridge in Multnomah County, Oregon for David Evans and Associates. The \$40,000,000 project includes a 1500 foot long weathering steel tied arch bridge on deep drilled shaft foundations.
- URS Corporation, Portland, Oregon. Washington County Baseline Road VE Study on complex road, wall, and bridge project near Hillsboro, OR.
- Oregon Department of Transportation. Numerous constructability, staging, scheduling, and permit reviews for statewide bridge and freeway projects.
- Eugene Water and Electric Board. Tunnel inspections for FERC licensing on the McKenzie River, Carmen-Smith Hydroelectric Project.

HAMILTON CONSTRUCTION COMPANY

Vice President and General Manager

1989-2002

- Directed highway, bridge, and hydroelectric projects in the Pacific Northwest and Northern California. Supervising project managers, superintendents, equipment purchasing, and equipment repair and servicing.
- Directly involved with "hard dollar" estimating process for all projects as well as initial project planning, scheduling and field construction.
- Sponsor and proponent of "Partnering" for all major projects.
- Sponsor of first two ODOT Design-Build Projects in Oregon.

- Responsible for contractor change order negotiations with Owners and subcontractors; including claims, claim review boards, and mediation.
- Projects:
 - Haynes Inlet Slough (Arch) Bridge - Hwy 101 - \$16 million, ODOT
 - North Jefferson-South Jefferson I/C – I-5 - \$20 million, ODOT
 - State St.-North Santiam – I-5 - \$21 million, ODOT

Vice President and Operations Manager

1980-1989

- Directed highway, bridge, dam and tunnel repairs, and hydroelectric projects in the Pacific Northwest, Idaho and California. Supervising project managers, project engineers and superintendents.

Work included new bridge construction and widening, detour bridges, lift-span bridges, bridge raisings, bridge deck overlays, design-build access bridges for timber companies, dam and tunnel rehabilitation, and railroad bridge swing span rehabilitations.

- Projects:
 - Lucky Peak Dam Spillway Repairs-Boise, Idaho – USBR
 - Canebrake Road U/C - I-8 - Cal Trans (Southern California)
 - Pine Creek to Boulevard Rd. Deck Overlays – I-8, Cal Trans (So. Cal)
 - North Umpqua Flumes – Pacific Power
 - Lake Harriet Dam – Portland General Electric
 - Cle Elum to Terrace Hts. – I-90, WASH DOT
 - Dog Creek Bridge, I-5, Cal Trans (Northern CA)
 - Shasta River Bridge Deck Overlay, I-5, (Northern, CA)
 - Adin Bridge Replacements, Hwy 299, Cal Trans (Northern, CA)
 - Turntable Bay Deck Overlays, I-5, Cal Trans (Northern, CA)

Project Manager/Superintendent/Project Engineer/Estimator **1970-1980**

- Projects:
 - Tieton Dam – Yakima, Wa. – USBR
 - Marquam Bridge Deck Overlay – I-5, ODOT
 - John Day Dam Navigation Lock Repair – US Army Corp of Engineers
 - Mt. St. Helens Eruption – Road and Railroad Access Bridge Replacements
 - Willow Creek Dam – Concrete Structures, US Army Corp of Engineers

- Fly Ash Modifications – Pozzolan NW, Centralia, WA Power Plant
- Klamath River (Keno) Bridge, ODOT

BECHTEL PACIFIC CORPORATION (1964-1970)

Senior Field Engineer

- Construction of 700 MW Underground Hydro-electric Power Station on Lake Manapouri, New Zealand. Included on this project was the construction of a 1-1/4 mile by 24 ft. diameter access tunnel down to the power station. The power station excavation was 60 ft. wide by 120 ft. tall by 360 ft. long. The underground work also included the construction of 7-700' deep penstock shafts, 7-900' deep cable shafts, draft tube chamber, surge chamber shaft and tunnel as well as the transition in to a 40' diameter by 6 mile long tailrace tunnel that emptied into a fiord.
- Field reconnaissance, field surveying, road design, and layout for 40 mile transmission line access road through Fiordland National Park, previously un-mapped or surveyed.

Bechtel Corporation (1963-1964)

Estimator

- Estimator in Hydro Estimating Group in San Francisco. Worked on estimates, schedules, cash flows, and constructability reviews for Hells Canyon Dam, Idaho Power; Wells Dam, Chelan Co. PUD; Tunnels for Sacramento Utility District Projects east of Placerville, CA; and preliminary work for the Bay Area Rapid Transit construction.

Bechtel Corporation (1960-1963)

Field Engineer

- Field engineer on the Carmen Smith Hydroelectric Project; McKenzie River, Oregon for the construction of three dams, three tunnels, and two powerhouses.

Bechtel Corporation (1959-1960)

Design Engineer

- Design Engineer and draftsman in Hydro Electric Design Group in San Francisco, involving powerhouse and dam stability studies, tunnel and spillway hydraulics, and structural concrete design.