

## **BLAKE MARCHAND**

Principal, Scheduling and Estimating Services

### **EDUCATION**

B.S., Construction Management, Boise State University, Boise, Idaho, 1994

### **EXPERIENCE**

Blake Marchand, Vice President and Senior Project Manager at Pinnell/Busch, is responsible for estimating and scheduling services. He has worked for over 20 years in commercial, institutional, hi-tech, industrial, highway, marine vessel construction and rehabilitation. Blake is a Planning and Scheduling Professional (PSP) and Certified Cost Professional (CCP) with special expertise in project controls, critical path scheduling, cost estimating, accounting, earned value analysis, progress tracking, and reporting.

As the scheduling manager for the company, Blake is a recognized expert in critical path scheduling. He has prepared hundreds of CPM schedules for contractors on large, complex construction projects, and performed dozens of schedule reviews for owners to verify scope of work, relationships and logic, and work sequencing. Blake skillfully manages both cost and schedule to accurately reflect physical work complete and generate financial value of work complete for monthly schedule of values.

Blake is an experienced claims consultant and has several years of dispute resolution and negotiating experience resolving delay and impact claims, and has testified in arbitrations, mediations and litigations. He has worked for both public agencies and private developers, and has managed many diverse construction projects bringing them in on time and on budget.

Prior to joining Pinnell/Busch, Inc., Blake worked in various management support roles for general and mechanical contractors including positions at Micron Construction, Kiewit Construction, Hoffman Construction, Fullman Company, Harder Mechanical, and Applied Mechanical.

### **Commercial and Institutional Buildings Experience**

Blake's commercial and institutional buildings experience includes commercial buildings, recreation centers, schools, hospitals, medical office buildings, and other essential building facilities. His commercial and institutional experience includes:

- ◆ Multnomah County Health Department Headquarters, Portland, Oregon
- ◆ Tualatin Hills Park & Rec Conestoga Aquatics Rec Center Expansion, Beaverton, Oregon
- ◆ Kaiser Permanente Westside Medical Center, Beaverton, Oregon
- ◆ Tualatin Hills Park & Rec Stuhr Center Expansion, Beaverton, Oregon
- ◆ Fred Meyer Expansion, Fairbanks, Alaska
- ◆ OHSU Hospital 2010 Seismic Upgrade C-Wing Elevator Lobbies, Portland, Oregon
- ◆ Portland Building 12th Floor, Portland, Oregon
- ◆ Kodiak Recreation Center and Swimming Pool, Kodiak, Alaska
- ◆ Greg's Grill Restaurant, Bend, Oregon
- ◆ Marshall Community Center Expansion & Remodel, Vancouver, Washington
- ◆ Salem Hospital Tower supporting Turner Construction (BP No. 3), Salem, Oregon
- ◆ Vancouver East Precinct and Neighborhood Park, Vancouver, Washington
- ◆ Gladstone Center for Children & Families, Gladstone, Oregon
- ◆ Gladstone High School Remodel & Addition, Gladstone, Oregon
- ◆ Fire Station No. 21 Seismic Upgrade, Portland, Oregon
- ◆ Kaiser Permanente Medical Office Building, Orchards, Washington

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- ◆ Elmendorf AFB - F22 Maintenance Shop, Anchorage, Alaska
- ◆ Banfield Pet Hospital Glen Haven Corporate Headquarters, Portland, Oregon
- ◆ Fort Stevens State Park, Astoria, Oregon
- ◆ Matanuska-Susitna Nutritional Services Facility Project, Palmer, Alaska
- ◆ Kelso High School renovation, Kelso, Washington
- ◆ Belmont Fire Station Seismic/ADA Upgrades, Portland, Oregon
- ◆ Kiewit Pacific Administrative Office Building , Vancouver, Washington
- ◆ Nike Parking Structure, Portland, Oregon
- ◆ Micron Technology, Inc. Administrative Building , Boise, Idaho

### **Industrial, High-Tech Mechanical and Process Piping Experience**

Blake has extensive experience with mechanical and process piping construction including HVAC and large bore process piping, fabrication, and installation for central utility buildings and other facilities. He has considerable experience in equipment installation and testing, quality assurance and control. He also has a clear understanding of construction costs, means and methods, and the logistics for project implementation for planning, scheduling, commissioning, and startup of any mechanical facility.

Blake's experience includes:

- ◆ CNRL HT123 Upgrades Booster Pump House Modules, Canadian Natural Resources, Canada
- ◆ Intel D1X Fabrication Plant - Electrical Installation, Hillsboro, Oregon
- ◆ Intel - Clean link Fab 20, CPW piping, VOC Distribution, Bulk Chemical Expansion, Utility Bridge Process Piping, CUB-HVAC Mechanical and Process Piping, Hillsboro, Oregon
- ◆ Intel Fab 23 Tool Hookup, Colorado Springs, Colorado
- ◆ Intel PCW Piping, Rio Rancho, New Mexico
- ◆ Hewlett Packard Corp Tool Hookup, Corvallis, Oregon
- ◆ Komatsu America Process Piping, Hillsboro, Oregon
- ◆ Wafer Tech Tool Hook up, Inc., Camas, Washington
- ◆ Hyundai Corp Tool Hookup, Eugene, Oregon
- ◆ S.E. H. America Bulk Gas Distribution, Vancouver, Washington
- ◆ Micron Technology, Inc. Fabrication Plant, Research and Development Building, Test and Assembly Building, and Central Utility Building, Boise, Idaho

### **Water Supply and Wastewater Collection and Treatment Experience**

Blake's water and wastewater treatment experience includes construction of piping and equipment systems for treatment facilities, central utility plants, and utility infrastructure. His water and wastewater treatment experience includes:

- ◆ San Luis Demonstration Treatment Plant, San Luis, California
- ◆ Lake Oswego Tigard Water Supply Partnership; Raw Water Intake Pump Station, Water Treatment Plant, and Pipelines, Lake Oswego, Oregon
- ◆ Wilsonville Waste Water Treatment Plant, Wilsonville, Oregon
- ◆ Coburg Water Reclamation Facility Phase 3, Coburg, Oregon
- ◆ Tualatin-Sherwood Water Pipeline for Tualatin Valley Water District, Tualatin, Oregon
- ◆ BES Tenino to Umatilla Fish Passage, Portland, Oregon
- ◆ Clark County Pump Station, Vancouver, Washington.
- ◆ Hawn Creek Pump Station, Carlton, Oregon
- ◆ Tillamook Wastewater Treatment Plant, Tillamook, Oregon
- ◆ MWMC IPS Influent Pump Station and Headworks Expansion, Eugene, Oregon

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- ◆ MWMC Odorous Air Treatment Expansion, Eugene, Oregon
- ◆ Lake Oswego Sewer Interceptor, Lake Oswego, Oregon
- ◆ Rock Creek Phase 6A Wastewater Treatment Plant Expansion/Upgrade, Hillsboro, Oregon
- ◆ McNary Dam Spillway Gate Rehabilitation, US Army Corps of Engineers, John Day, Oregon
- ◆ Jackson and Roosevelt Schools, Medford, Oregon
- ◆ Detroit Lake Dam Gate Wire Role Replacement, US Army Corps of Engineers, Detroit, Oregon
- ◆ Willamette Falls Gate Lock Repair, Oregon City, Oregon

### **Civil, Road, Highway and Bridge Experience**

Blake's civil road, highway and bridge experience includes:

- ◆ TV Highway Minter Bridge Road to 331st, Hillsboro, Oregon
- ◆ US26 Brookwood Helvetia Shute Road Interchange, Hillsboro, Oregon
- ◆ US26 Sunset Hwy at Glencoe Rd Interchange, Hillsboro, Oregon
- ◆ Mendocino County Road Improvements, Mendocino, California
- ◆ The Fields Neighborhood Park, Portland, Oregon
- ◆ Concord and Pinole Routes 4 and 80 Metal Beam Guardrail, Concord California
- ◆ Tulare and Madera Routes 65 and 99 Metal Beam Guardrail, Madera California
- ◆ San Mateo Metal Beam Guardrail and Barrier, San Mateo, California
- ◆ Santa Cruz Metal Beam Guardrail, Santa Cruz, California
- ◆ Sacramento Road Improvements, Sacramento, California
- ◆ I-5 Shasta and Tehama Counties, Shasta County, California
- ◆ Grand Ronde Road Utility and Road Improvements, Grand Ronde, Oregon
- ◆ Troutdale Reynolds Industrial Park, Troutdale, Oregon
- ◆ Bremerton Naval Station Mooring Repairs, Bremerton, Washington
- ◆ Broadway Bridge Renovation, Portland, Oregon

### **Marine Vessel Construction, Rehabilitation and Overhaul Experience**

Blake's marine vessel construction, rehabilitation and overhaul experience includes:

- ◆ Yaquina Dredge Overhaul and Repairs, Corps of Engineers, Portland, Oregon
- ◆ Essayons Dredge Overhaul and Repairs, Corps of Engineers, Portland, Oregon
- ◆ Hull 16 Heavy Lift Barge Crane, US Navy, Portland, Oregon
- ◆ LSV2 Overhaul and Repair, US Navy, Portland, Oregon
- ◆ USS Frank Cable, US Navy, Portland, Oregon
- ◆ Alaska State Ferry Taku Solar Upgrades and Renovations, Portland, Oregon

### **Construction Claims and Dispute Resolution Experience**

A representative sampling of Blake's construction claims and dispute resolution experience includes:

- ◆ Howard Hanson Dam Fish Passage Admin & Maintenance Building, King County, Washington
- ◆ Resort at Paradise Ranch, Grants Pass, Oregon
- ◆ Clean Water Services Wastewater Treatment Plant IPS Dispute Resolution, Durham, Oregon
- ◆ Netarts/Oceanside Wastewater Treatment Plant Program, Netarts, Oregon
- ◆ Fish Passage at Soda Springs Hydroelectric Project, Roseburg, Oregon
- ◆ The Nines Renovation, Portland, Oregon
- ◆ Tillamook Wastewater Treatment Plant, Tillamook, Oregon
- ◆ Bassett Army Replacement Hospital – Ft. Wainwright AFB, Fairbanks, Oregon

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- ◆ Lafayette Treatment Plant, Lafayette, Oregon
- ◆ Fred Meyer Expansion, Juneau, Alaska
- ◆ Malmstrom AFB Family House Phase 5, Great Falls, Montana
- ◆ Malmstrom AFB Family House Phase 3 & 4, Great Falls, Montana
- ◆ Camas Swale-Saginaw Road-Bundle 312, Saginaw, Oregon
- ◆ Oakland Cathedral, Oakland, California
- ◆ MWMC Primary Sludge Thickening Project, Eugene, Oregon
- ◆ Newberg Highschool Expansion, Newberg, Oregon
- ◆ MWMC Primary Sludge Thickening Project, Eugene, Oregon
- ◆ US101 Shinglehouse Slough Road to Davis Slough Bridge, Coos County, Oregon
- ◆ Hwy 62 Corridor Solutions, Unit 1 (Pacific Hwy-Poplar Dr.), Medford, Oregon
- ◆ Sitka Harbor Bridge, Sitka, Alaska
- ◆ 310 Oak Building, Hood River, Oregon
- ◆ FAA Digital Airport Surveillance Radar St. Louis RTR Project, Florida
- ◆ Cinetopia, Beaverton, Oregon
- ◆ Lowes, Anchorage, Alaska
- ◆ Rock Creek Bridge – Richey Road Project, Portland, Oregon
- ◆ Ft. Wainwright AFB FTW242 Jr. NCO Housing Project, Utilidor Elevations, Fairbanks, Alaska
- ◆ Bremerton Harborside Condominiums, Bremerton, Washington

## **TRAINING AND TEACHING EXPERIENCE**

- CPM Scheduling Best Practices (2012 & 2013), Eugene and Portland, Oregon
- Metro Construction Project Management Best Practices (2013), Portland, Oregon
- NW College of Construction STP Planning & Scheduling (Unit 5) (2011), Portland, Oregon
- AACE Spring Workshop Project Management Planning & Scheduling (2008), Portland, Oregon
- NW Wall & Ceiling Bureau Oregon Chapter Planning & Scheduling, Tigard, Oregon
- PCC, Construction Scheduling and Project Management (BCT), Hillsboro, Oregon
- City of Kent Primavera SureTrak Training, Kent, Washington
- Various other training events for contractors, engineers, and architects

## **PROFESSIONAL ORGANIZATIONS AND ACTIVITIES**

- ◆ Associated General Contractors
- ◆ Association for the Advancement of Cost Engineering
- ◆ Construction Specifications Institute