



# Michael A. Cornelius, P.E.



## EMPLOYMENT:

### 06/2006-Present | Cornelius Consultants

#### *President*

Develop, analyze or advise Contractors or Owners on heavy construction, foundation, earth retaining or other construction related claims for negotiation, mediation, arbitration or trial. Testify as a Civil Engineering/Construction expert witness, for Contractors or Owners, in depositions, arbitrations or trial on both entitlement and quantum issues arising from construction related disputes. Implement systems and procedures for dispute avoidance and for the management of dispute issues from the beginning of dispute to conclusion.

Dispute Review Board – Sit on Dispute Review Board (DRB) panels hearing evidence of dispute(s) and providing formal recommendations as to the entitlement and quantum components of dispute.

### 03/2002-06/2006 | Construction Bidboard, Inc.

#### *Founder, President & CEO*

Developed and brought to market eBidboard.com a comprehensive, web-based construction data services platform delivering project notifications, project plans and specifications, bid results and disadvantaged business outreach to the construction market. Raised 4.5 million dollars in investment capital to develop the software and to bring the product to market. The company grew to 20 employees and was acquired in early 2006 by Mediagrif, a Canadian Corporation.

### 08/2000-03/2002 | Malcolm Drilling Company, Inc.

#### *Executive Vice President*

Directed all contract, risk assessment and construction claims management for all districts (San Diego, San Francisco, Los Angeles and Seattle). Researched, organized and prepared construction related claims, and either negotiated their resolution, or asserted their merits in arbitration, mediation, or trial.

### 07/1995-08/2000 | Malcolm Drilling Company, Inc.

#### *Vice President-District Manager*

Directed all engineering, estimating, contract, and field operations for this heavy foundation and earth-retaining contractor. Marketed the company's services to contractors and owners in both the public and private sectors. Networked the four district offices and standardized job costing, estimating and reporting functions. Prepared, asserted and argued any construction related claims for the San Diego District.

### 12/1986-07/1995 | Wagner Construction Company, Inc.

#### *Vice President*

Directed all engineering, estimating, contract, and field operations for this heavy foundation and earth-retaining contractor. Developed and implemented computerized models for the design of earth retaining, underpinning and foundation systems. Marketed the company's services to contractors in both the private and public sectors. Introduced and implemented computerized job costing and estimating techniques, from which pro-forma, operating cash flows were generated. Prepared, asserted and argued all construction related claims for the firm.

### 03/1986-12/1986 | Erreca's Inc.

#### *Project Estimator/Manager*

Helped prepare bids on various private and public heavy construction projects. Responsible for all aspects of project coordination, including billing, correspondence, and field activities.

### 08/1985-03/1986 | Mur-Vic Construction Company, Inc.

#### *Project Engineer*

Helped prepare bids on various public underground construction projects. Other responsibilities included project scheduling, claims processing, and computer implementation of job costing and scheduling techniques.

### 03/1984-08/1985 | M.M. Sundt Construction Company, Inc.

#### *Project Engineer*

On-site project engineer for the construction of public roads and bridges. Responsibilities included project scheduling, preparing pay estimates, falsework design, form design, earth shoring design, surveying, and materials procurement.

### 06/1982-03/1984 | W. F. Maxwell, Inc.

#### *Project Engineer*

On-site project engineer for the construction of public roads and bridges. Responsibilities included estimating, project scheduling, falsework design, formwork design, earth shoring design, surveying, and materials procurement.

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06/1980-06/1982 | S. J. Groves & Sons Company, Inc.

*Assistant Project Engineer*

(Full-time in summers and part-time while in school)

Responsibilities included form design, surveying, and material takeoffs. Developed computer programs for the calculation of roadway and structural concrete quantities.

06/1975-06/1980 | Various Construction Companies

*Laborer, Foreman, Superintendent*

Worked on a variety of heavy and underground projects for such firms as J&W Pipeline, Cameron Brothers, Don's Backhoe, and Hood Corporation. Initially working as a laborer progressing to foreman and then superintendent. It was this exposure to the heavy construction industry that inspired my pursuit of a Civil Engineering degree.

## EDUCATION:

*Dispute Resolution Board Foundation*

*Dispute Resolution Workshops:*

06/2015-NDOT DRT Training Workshop

01/2015-DRA/DRB Training Workshop

06/2014-DRA/DRB Training Workshop

07/2013-Chairing/Advanced Training

03/2013-DRA/DRB Training

11/2009-DRA/DRB Training

1990-2009 Construction Law and Claims Management:

*Several Industry Sponsored Seminars*

*AGC, Super Conference, ECA, ADSC, APWA*

1993 Masters Degree:

*Business Administration – Finance*

*San Diego State University* | Attended night school while working full-time during days.

06/1990 American Society of Civil Engineers:

*Design and Construction Seminar*

*Cornell University* | Five day seminar on the design and construction of various earth support and earth retaining systems.

04/1990 Associated General Contractors of America:

*Advanced Management Training Program*

Ten day seminar on Contract Administration, Contract Law and Contract Accounting.

1983 Bachelor of Science Degree:

*Civil Engineering - Structural Emphasis*

## REGISTRATIONS & ORGANIZATIONS:

- Registered Professional Civil Engineer California Reg. No. 41959
- American Society of Civil Engineers - ASCE
- Engineer Contractors Association - ECA
- American Public Works Association - APWA
- Dispute Review Board Foundation - DRBF
- Caltrans Dispute Review Board Panelist
- Engineering Contractors Association - ECA
- American Public Works Association - APWA
- Association of Drilled Shaft Contractors - ADSC
- Tau Beta Phi - Engineering honor society recognizing the top ten percent of engineering students.
- Chi Epsilon - Civil Engineering honor society recognizing the top 5 percent of civil engineering students.
- AGC Faculty Member - Past instructor of Foundation Construction Methods for Extended Studies at San Diego State University

## DISPUTE RESOLUTIONS:

*Expert Witness in Trials/Arbitrations*

Participated as an expert witness providing testimony via declaration and/or oral testimony in several trials and arbitrations.

*Mediations:*

Participated as a percipient presenter or expert presenter in several confidential mediation proceedings.

*Dispute Review Boards:*

Participated as a percipient presenter or expert presenter in several Dispute Review Board proceedings for both contractors and public agencies.

Participate as a member of Disputes Review Board and a member of the Caltrans, NDOT, ODOT, WashDot and MDOT Dispute Review Board Panels.