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# **P r o f e s s i o n a l**

## **E X P E R T I S E**

**CHADWIN F. COX, P.E.**

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### ***Civil Engineer***

#### **EDUCATION AND SPECIAL TRAINING**

B.S., Engineering w/Civil Specialty, Colorado School of Mines, 1993

#### **REGISTRATIONS / CERTIFICATIONS**

1999, Professional Engineer, Colorado

1999, Corrosion Technician, NACE

#### **QUALIFICATIONS**

Mr. Cox has served a wide variety of clients, including local and federal governments, municipalities, water and sanitation districts, school districts, and private developers performing as a Project Manager, Project Engineer, Staff Engineer, and Resident Construction Engineer. His projects have included large residential and commercial land developments, municipal water transmission lines and sanitary sewer interceptors, bridge roadways, public and private roadways, storm systems, flood control channels, floodplain mapping, aeronautical development, regional detention facilities, irrigation facilities, slurry walls, earthen dams, planning, annexations, zoning and various environmental services. His specific tasks and management responsibilities have included completion of:

- surveying, basemapping, conceptual layout, planning, annexations, zone changes, preliminary and final designs, drainage studies, easement and right-of-way acquisitions, cost estimates, specifications, construction drawings and coordination of various local, state, and federal permit applications for multiple facilities listed above.
- performing various construction related services including construction observation and reporting, quality control and analysis, and administration of change orders, pay requests and project completion.

#### **PROFESSIONAL EXPERIENCE**

##### **2003 - Present – Western Engineering Consultants, Inc.**

As the President and Project Manager, Mr. Cox designs and manages site projects for residential and commercial developments, school campuses and municipal (water, wastewater, storm, drainage, and road) projects.

##### **1994 - 2003 – Rocky Mountain Consultants, Inc.**

Mr. Cox was responsible for land development and municipal project engineering and management.



**Western Engineering Consultants, Inc.**

20 South 5<sup>th</sup> Avenue, Brighton, CO 80601

Phone 720 685-9951 [www.westerneci.com](http://www.westerneci.com)

Civil Engineering · Land Planning · Landscape Architecture

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**RELEVANT EXPERIENCE**

**Land Development Projects**

- **Landmark Mixed Use Redevelopment, Greenwood Village, CO** - project manager for retail and residential towers for new development on 5.5-acre commercial campus. Designs included utility services, parking lot grading and drainage, site grading, private drainage hydrology and hydraulic improvements, utility main relocations, Stormtrap underground detention and access and parking. Design services included coordination with multiple building architects regarding project site infrastructure. Construction Services included RFI review and responses, site observation & reporting, and construction meeting attendances.
- **XJet Club at Centennial Airport, Englewood, CO** – project manager for the 9.54 acre XJet facility consists of three aircraft hangars, each of approximately 20,000 sq. ft plus office and support space, and a two story restaurant/ clubhouse building of 15,600 sq ft including restaurant and kitchen facilities, a member's club, and offices and support space for club and flight operations. Designs included grading and drainage for parking lots, aircraft ramp, water quality ponds, storm piping, water and fire lines, sanitary connections. Also responsible for FAA 7460 application and line of sight analysis for Part 77 process.
- **Aquatic Consultants Inc., Chama, NM** - Private Estate Flood Diversion & Rehabilitation
- **Aquatic Consultants Inc., Brush Ranch - Pecos River Cabin subdivision, Pecos, NM**
- **Brighton Animal Clinic – Play! Stay! & More!, Brighton, Colorado** - Animal Daycare
- **Brighton Reserve at Welch’s Hilltop Acres, Hunter Development, Brighton, Colorado**
- **Chapel Hill Filing No. 2 Subdivision, Whitfield Construction, Brighton, Colorado**
- **City Bark, Stonegate Village, White Construction Group, Douglas County, Colorado**
- **Phase 2 Infrastructure, Biomedical Pharmaceutical Campus, Longmont, Colorado** - project engineer for new development on 72-acre commercial campus. Designs included utility services, parking lot grading and drainage, site grading, private drainage hydrology and hydraulic improvements, utility main relocations, additional private site fire system piping and valving required to complement two new buildings and access and parking. Design services included coordination with multiple building architects regarding City of Longmont Planning and Building Department Development Plan submittal and review. Construction Services included RFI review and responses, site observation & reporting, and construction meeting attendances.
- **Basemapping, Biomedical Pharmaceutical Campus, Longmont, Colorado** - team member for creating and compiling new cad standards and production of a Site Basemap from several consultants design digital information, including security, landscape architecture, electric & communication systems, civil designs, and architect building design mapping.



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- **TCF National Bank, Aurora, Colorado, Commercial Federal Bank, Broomfield CO** – project manager for civil engineering design including utilities, grading, drainage improvements and report, and submittal and approvals through the City of Aurora & Broomfield Site Plan and Construction Plan process for a 1 lot, 0.43 acre commercial site.
- **Taxi Lane General Plan, 2 Interport Hanger, Site and Line of Sight Basemaps, SUNBORNE Companies, Centennial Airport, Englewood, Colorado** – Project and design engineer for taxi lane general plan and 2 Interport Hangar civil related services. Design engineer for the civil basemapping of a sub-leasable 178-acre commercial development on Centennial Airport property. Mapping included as-builts of site utilities, grading, buildings, roadways, Line of sight Drawings, taxi lane plans and airplane parking areas.
- **Medved Autoplex, Phases I, II, & III, SEM Architects, Castle Rock, Colorado** – project engineer for civil engineering services for Phase I and II changes and as-builts of a 17-acre commercial Autoplex development. Designs included utilities, grading, drainage improvements and report amendment, and submittal and approvals through the Town of Castle Rock PD and Field Change processes.
- **International Jet Hangar, Shaw Construction, Centennial Airport, Englewood, Colorado** – Project manager for hangar concrete apron project that included designs of horizontal layout of concrete apron joints as well as an emergency vehicle access lane. These designs were based off of both FAA Advisory Circular and CDOT specifications.
- **Biomedical Pharmaceutical Campus, Longmont, Colorado - Master Plan**
- **PUD Development Plan, Biomedical Pharmaceutical Campus, Longmont, Colorado**
- **Clover Basin Ditch Improvements, Clover Basin Irrigation Company, Longmont, Colorado**
- **Phase I Infrastructure, Biomedical Pharmaceutical Campus, Longmont, Colorado**

**Municipal Projects**

- **City of Brighton Recreation Center Bridge Replacement, City of Brighton, Colorado**
- **City of Brighton Non Potable Planning & Mapping, City of Brighton, Colorado**
- **City of Brighton – Brighton Lateral Diversion City of Brighton, Colorado**
- **North St. Vrain Pipeline Replacement, Phase III and IV, City of Longmont Water & Wastewater Dept., Lyons, Colorado** - Design and construction observation of 7,200 feet of replacement of Longmont's 24-inch steel raw water line through Lyons in three phases.
- **Harvard Street Bridge, City of Longmont Public Works, Longmont, Colorado**



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- **Interceptor G, Phase 3, City of Longmont Water & Wastewater, Longmont, Colorado** - Routing and preliminary design of 6,500 feet of 30" sanitary sewer interceptor to serve the Spring Valley Basin and relieve an existing system.
- **North St. Vrain Pipeline Replacement, Phase II, City of Longmont Water & Wastewater Dept., Lyons, Colorado**

### **Environmental Projects**

- **Robinson Brick Superfund Site for Home Depot Bldg., Spectrum Services, Denver, Colorado**
- **Geneva Pharmaceuticals, Broomfield, Colorado**
- **Alamosa Terminal, Public Service Company, Alamosa, Colorado**
- **Blackbird Mine, US Forest Service, Salmon, Idaho**

### **PROFESSIONAL ORGANIZATIONS / ASSOCIATIONS**

Member, American Society of Civil Engineers  
Member, National Fire Protection Association  
Member, American Water Works Association  
Member, American Concrete Institute  
Member, National Association of Corrosion Engineers

