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# Professional

## EXPERTISE

**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**

2009, Professional Engineer, Arizona, Kansas, New Mexico, Wyoming

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 Senior Project Manager, Project Engineer, Staff Engineer, and Resident Construction Engineer. His projects have included large residential and commercial land developments, aeronautical development, municipal large diameter water transmission lines and sanitary sewer interceptors, bridge roadways, public and private roadways, storm systems, flood control channels, floodplain mapping, floodway improvements, regional detention facilities, erosion control systems 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 Senior Project Manager, Mr. Cox designs and manages site projects for aeronautical, commercial, industrial and residential developments, school campuses and municipal (water, wastewater, storm, drainage, bridge and road) projects.

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

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

#### **RELEVANT EXPERIENCE**

##### **Municipal Projects**

- SEMSWA – Lonetree Basin Regional Pond L-1, Centennial Airport, Colorado
- City of Brighton Recreation Center Bridge Replacement, City of Brighton, Colorado
- City of Brighton Non Potable Planning & Mapping, City of Brighton, Colorado
- North St. Vrain Pipeline Replacement, Phase V, VI and VII, City of Longmont Water & Wastewater Dept., Lyons, 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
- Harvard Street Bridge, City of Longmont Public Works, Longmont, Colorado
- Interceptor G, Phase 3, City of Longmont Water & Wastewater, Longmont, Colorado
- North St. Vrain Pipeline Replacement, Phase II, City of Longmont Water & Wastewater Dept., Lyons, Colorado



**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

**Aviation Projects**

- SunBorne InterPort™ Master Infrastructure, Centennial Airport, Colorado
- J & L Management Office/Hangar Complex, Centennial Airport, Colorado
- SunBorne InterPort™ Taxilane Bravo, Centennial Airport, Colorado
- SunBorne InterPort™ FBO Office Building/Hangar Complex, Centennial Airport, Colorado
- XJet Fuel Farm, Centennial Airport, Colorado
- XJet East Development Plan, Centennial Airport, Colorado
- XJet Club Hangar and Office Complex, Centennial Airport, Colorado
- Site Basemap, SunBorne Companies, Centennial Airport, Colorado
- Transient Hangar, SunBorne Companies, Centennial Airport, Colorado

**Commercial Projects**

- The Landmark – High Rise Residential Towers and Retail, Greenwood Village, Colorado
- City Bark, Stonegate Village, White Construction Group, Douglas County, Colorado
- Brighton Animal Clinic - Play Stay n More! Animal Daycare, Brighton, Colorado
- Phase 2 Infrastructure, Biomedical Pharmaceutical Campus, Longmont, Colorado
- Basemapping, Biomedical Pharmaceutical Campus, Longmont, Colorado
- TCF National Bank, Aurora, Colorado
- Medved Autoplex, Phases I, II, & III, SEM Architects, Castle Rock, Colorado
- Master Plan, Biomedical Pharmaceutical Campus, Longmont, Colorado
- PUD 30 Year Vested Development Plan, Biomedical Pharmaceutical Campus, Longmont, CO
- Phase I Infrastructure, Biomedical Pharmaceutical Campus, Longmont, Colorado

**School Projects**

- Thomson Headstart Modularity, Brush, Colorado
- Brighton Early Childhood Development Center, Brighton, Colorado
- Thomson Primary School, Brush, Colorado
- Brush High School, Brush, Colorado
- Weldon Valley Jr. & Sr. High School, Weldona, Colorado

**Residential Projects**

- Private Estate, Cherry Hills, Colorado
- Private Estate, Floodplain Analysis and recommendations, portion of Tract 231, South Denver Gardens, Greenwood Village, Colorado
- Aquatic Consultants Inc., Private Estate, Tract 227 and portions of Tracts 228-231, South Denver Gardens, Greenwood Village, Colorado
- Private Estate, Replat of Tract 206, South Denver Gardens, Greenwood Village, Colorado
- Aquatic Consultants Inc., Private Estate Flood Diversion & Rehabilitation, Chama, New Mexico
- Aquatic Consultants Inc., Brush Ranch - Pecos River Cabin subdivision, Pecos, New Mexico
- Brighton Reserve at Welch's Hilltop Acres, Hunter Development, Brighton, Colorado
- Chapel Hill Filing No. 2 Subdivision, Whitfield Construction, Brighton, 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
- Clover Basin Ditch Improvements, Clover Basin Irrigation Company, Longmont, Colorado

**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

