



JAMES R. LANDRY, P.E., CWP

CHIEF OPERATING OFFICER



EDUCATION

B.S., Engineering, Civil Option
Colorado School of Mines (1993)

PROFESSIONAL REGISTRATION

Registered Professional Engineer
Colorado

CERTIFICATIONS

Class 1 Wastewater Collection System Operator
Class 2 Wastewater Collection System Operator

PROFESSIONAL EXPERIENCE

Mr. Landry is a civil engineer with 26 years of experience in utility and roadway design, hydraulic and drainage engineering, and construction management. He has been involved in the preliminary, final design, and construction for a wide range of public and private sector projects. Mr. Landry also represents cities and special districts as their Engineer and/or Manager. He is currently the District Engineer, District Manager and Operator-in-Responsible-Charge for Applewood Sanitation District, the Town Engineer for the Town of Mountain View, and the Operator-in-Responsible-Charge for Cherry Hills Heights Water and Sanitation District and Westridge Sanitation District.

MUNICIPAL ENGINEERING

- *District Manager, Engineer, and Operator in Responsible Charge, Applewood Sanitation District.* Responsible for design and construction management of annual improvement projects. Review of all engineering consultants' designs. Technical representative for the District.
- *Town Engineer for the Town of Mountain View.* Review all subdivision and commercial construction plans for compliance with town design standards. Coordinate review team to produce comment letters. Reviews focused on utilities, grading, streets, and drainage improvements. Comment letters generated to ensure compliance with the Town master plans and future development. Coordination with town manager, attorneys, and planners.
- *City-Wide Capital Improvement Plan, Town of Mountain View.* Performed an evaluation of the city's streets, utilities, drainage and traffic facilities. This initial work included geotechnical evaluations of the existing pavement, the development of pavement condition index (PCI) for each street, and coordination with all utility providers. Established a ranking system for the replacement of roadways that factors in the PCI, drainage, utilities conditions and replacement schedule, economic activity rating and traffic volumes.

UTILITY ENGINEERING

- *2021 Water Main Capital Improvement Project, East Alamosa Water and Sanitation District, Alamosa, Colorado.* Project engineer for the design of improvements to the district's drinking water distribution system and associated components, including 12,627 LF of 6" water main.
- *2020 Phased Replacement of Collection Lines, Pagosa Springs Sanitation General Improvement District, Pagosa Springs, Colorado.* Project Manager for the completion of a phased replacement plan for the district's 82,277 LF of sanitary sewer pipelines.
- *ARRA and DOLA Water Main Replacement, Town of Kremmling, Colorado.* Project Manager and Design Engineer for 22,000 LF of 8-inch PVC water main, tie-ins, and the replacement of 260 water services and meter pits.
- *Strontia Springs Dredging Inspection, Denver Water, Colorado.* Project Oversight for Construction Administration for dam dredging.
- *Long Lake Feeder Ditch Diversion Structure Replacement, Denver Water, Colorado.* Construction management and inspection of a new diversion structure in Ralston Creek for Long Lake.
- *Conduit No. 94 – Acoustic Fiber Option (AFO) Monitoring System, Denver Water, Colorado.* Construction management and inspection of modifications to Conduit 94 to accommodate the installation of an acoustic fiber option monitoring system.
- *Conduits 31, 94, 72, and 125 Repairs, Denver Water, Colorado.* Project Oversight for various large diameter transmission main repairs.
- *Foothills Treatment Plant Phases I and II, Denver Water, Colorado.* Project Oversight for installation of a weir wall in the chlorine contact basin and installation of 15-inch RCP storm sewer pipe.
- *RTD Northwest Corridor – Conduit No. 94, Denver Water, Colorado.* Project Oversight of Conduit 94 modification due to the Eagle P3 Northwest Corridor Project.
- *Highway 79 Sanitary Sewer Extension Line, Town of Bennett, Colorado.* Project Manager and Engineer for 1,500 LF of 15-inch and 18-inch sanitary sewer outfall line. This project included a 100 LF bore under the Union Pacific Railroad.
- *Lowry Redevelopment Authority, Sanitary Outfall.* Project Engineer for the design of 4,800 LF of 18-inch to 24-inch PVC sanitary sewer outfall line.
- *CDOT State HWY No. 40 Colfax Avenue at Cherry Creek.* Project Engineer for the design of 150 LF of 20-inch waterline under the Colfax Bridge.
- *E-470 Business Metropolitan District Sanitary Sewer and Water Main Improvements.* Design Engineer for the production of plans for 23,100 LF of 12-inch and 16-inch water line; 9,700 LF of 10-inch, 12-inch, and 15-inch sanitary lines; and 5,300 LF of 10-inch force main.
- *Parker Water and Sanitation District, 20 Mile Effluent and Raw Water Lines – Phases I & II.* Project Engineer for the production of plans and specifications for effluent and raw water lines consisting of 23,000 LF of 16-inch pipe, 3,000 LF of 24-inch pipe, and 2,000 LF of 12-inch pipe.

- *Union Pacific Railroad Sanitary Sewer Crossing.* Project Manager and Engineer for 600 LF of 12-inch PVC sanitary sewer line replacement. This project included a 100 LF bore under the Union Pacific Railroad.

UTILITY ENGINEERING –SOUTHWEST METROPOLITAN WATER AND SANITATION DISTRICT

- *2020 DCIP Water Main Replacement Project.* This project included the replacement of 1500 LF of water main replacement.
- *2019 DCIP Water Main Replacement Project.* This project included the replacement of 755 LF of 12" PVC, 60 LF of 6" PVC and 262" LF of 4" PVC water mains.
- *2018 West Parkhill Avenue Sanitary Sewer Main Replacement Project.* This project included the replacement of 266 LF of 12" sewer line and 169 LF of paving, with appropriate roto-milling, overlay, and markings.
- *2018 South Pierson Street Water Main Replacement Project.* This project included the replacement of 957 LF of 8" water line and 23 ¾" water services.

UTILITY ENGINEERING – PLATTE CANYON WATER AND SANITATION DISTRICT

- *2020 DCIP Water Main Replacement Project.* This project included the replacement of 3,681 LF of water main with 6" PVC and 1,005 LF of water main replacement with 8" PVC.
- *2020 Depew Water Street Replacement Project.* The existing waterline under the Depew Street Bridge, between West Canyone Drive and West Elmhurst Avenue was replaced.
- *2019 DCIP Water Main Replacement Project.* This project included the replacement of 2,313 LF of 8" PVC and 1,093 LF of 6" PVC water mains.
- *2019 South Sheridan Boulevard Sanitary Sewer Main Replacement Project.* This project included the removal of 300 LF of 16" sewer line, installation of 300 LF of 15" sewer line, two existing manhole connections, and 4 4" sewer services.

UTILITY ENGINEERING – CRESTVIEW WATER AND SANITATION DISTRICT

- *2015 Water and Sanitary Sewer Replacement Project.* This project included the replacement of 6000 LF of 8 and 10" water line and 1200 LF for 8" sanitary sewer mains.
- *2015 Water District Model.* Assemble a water distribution and sanitary sewer collection system computer model for district. This work included updating of existing mapping with as-built data and coordination with Denver Water.
- *District Water and Sanitary Sewer Model.* The City of Westminster investigated using CWSD lines to eliminate a lift station, as the District's Engineer, RGA reviewed the modeling and associated report.
- *General Construction Projects.* Responsible for the design, bidding and construction management and administration services for all phases of the District's annual sanitary sewer rehabilitation projects.

- *Crestview Sanitation District/City of Westminster Interconnect.* Design of water interconnects between the Crestview Water and Sanitation District and the City of Westminster.
- *Review of Water and Sanitary Construction Projects by Others.* Review designs of water and sanitary relocation projects by others, when they are constructed providing construction inspection and administration services.
- *2014 Sanitary Sewer Replacement Project.* Design of approximately 1,750 L.F. 12" diameter sanitary sewer main to replace aging infrastructure.
- *West 63rd Avenue Sanitary Sewer Main Replacement Project.* Design, estimation, construction management and observation/inspection for approximately 615 LF of 12-inch PVC sewer mains, including 150 LF of 24-inch diameter bore and casing under Federal Boulevard. Also included design of storm drain replacement and street repairs associated with the sewer main.
- *2013 Watermain Replacement Project.* Project Manager and Design Engineer for 6,000 LF of 8-inch and 6-inch PVC watermains and lateral tie-ins, 2,000 LF of 20-inch waterline, and roughly 103 water services.
- *2011 Watermain Replacement Project.* Project Manager and Design Engineer for 6,000 LF of 8-inch and 6-inch PVC watermains and lateral tie-ins and roughly 103 water services.
- *2011 Samuel Drive and Canosa Court Sewer Main Replacement Project.* Project Manager and Design Engineer for 1,300 LF 12-inch SDR 35 PVC sewer main.
- *2011 Pecos Street Sewer Main Replacement Project.* Project Manager and Design Engineer for 718 LF of 12-inch SDR 35 PVC sewer main.
- *West 63rd Avenue Sanitary Sewer Replacement Project.* Project Manager and Design Engineer for 600 LF of 12-inch PVC with 130 LF bore under Federal Boulevard. Project included utility research and potholing, as well as coordination and approvals from Adams County and CDOT.
- *Goat Hill Phase IIB Waterline Replacement.* Project Manager and Design Engineer for 5,600 LF of 6-inch and 8-inch PVC water main and lateral tie-ins and 119 water services and meter pit relocations.
- *2009 Lowell Boulevard Water Main Replacement.* Project Manager and Design Engineer for the design and construction management of 4,500 LF of 8-inch PVC pipe, lateral tie-ins and services to replace an existing 50 year-old water main in a heavy traffic area.
- *2009 Water Main Replacement.* Project Manager and Design Engineer for 16,760 of 10-inch and 8-inch PVC water mains and lateral tie-ins and roughly 250 water services to replace existing 50 year-old lines in residential areas.
- *2008 Sewer Replacement Project.* Project Manager and Design Engineer for miscellaneous sewer pipe and manholes, in conjunction with Adams County.
- *2007 Water Main Replacement Project.* Project Manager and Design Engineer for the installation of 4900 LF of 8-inch PVC. This work includes reconstruction of portions of Pecos Street, south of I-36. Also, a Project Manager and Design Engineer for miscellaneous sanitary sewer replacements.

- *2006 Water Main Replacement Project.* Design, estimation, construction management and observation/inspection for 6,100 LF of 8-inch and 6-inch PVC water mains replace existing 50-year-old lines in residential neighborhoods.
- *2010 Pecos Street Grade Separation Project.* Project Manager and Design Engineer for the design and construction management of approximately 1,500 LF of a 20-inch Flex Ring locking DIP transmission main replacement, including 150 LF of 36-inch bore and casing under the Union Pacific Railroad.
- *2009 Sewer Rehabilitation Project.* Project Manager and Design Engineer for 11,500 LF of 8-inch cured-in-place pipe, 1,800 LF of 10-inch cured-in-place pipe, and 1,300 LF of 12-inch cured-in-place pipe.
- *2010 Sewer Rehabilitation Project.* Project Manager and Design Engineer for 13,000 LF of 8-inch cured-in-place pipe.
- *2008 Sewer Rehabilitation Project.* Project Manager and Design Engineer for 4,000 LF of 15-inch cured-in-place pipe and 1,200 LF of 18-inch cured-in-place pipe.
- *8-inch Waterline Plans and West 64th Avenue Improvements.* Project Manager and Design Engineer for the installation of 3,000 LF of 8-inch PVC in conjunction with roadway and drainage improvements to West 64th Avenue between Lowell Boulevard and Pecos Street.

ROADWAY ENGINEERING

- *Roadway Improvements for Kiowa-Bennett Road and East 72 Avenue, Albert Frei & Sons, Adams County, Colorado.* Project Manager for the design and construction plans for improvements to Kiowa-Bennett Road and East 72nd Avenue in Adams County, Colorado.
- *Deceleration and Acceleration Lane Design, Albert Frei & Sons, Adams County, Colorado.* Project Manager for the design and construction plans for a deceleration lane on East 88th Avenue and an acceleration lane for Monaco Street in Adams County, Colorado.
- *Roadway Improvements: Railroad Street, Town of Buena Vista, Colorado.* Project manager for roadway improvements, intersection re-design and drainage improvements.
- *Sheridan Bond Improvement Project (SBIP) Zone 1/1A, City of Sheridan, Colorado.* Design Engineer for 15,000 LF of roadway reconstruction and drainage improvements. The zone addresses immediate areas of concern within the City, specifically focusing on West Princeton Place, South Clay Street, South Irving Street and drainage concerns in the Bottoms drainage area.
- *2013 Bond Projects, Town of Buena Vista, Colorado.* Design Engineer for 15,000 LF of utility and roadways, including drainage studies.
- *West Oxford Avenue Reconstruction, City of Sheridan, Colorado.* Project Manager and Project Engineer for the design of 1,400 LF of a major collector road that included complete replacement from right-of-way to right-of-way.
- *Lowell Boulevard Improvements at Mountain Terrace, City and County of Broomfield, Colorado.* Project Manager and Project Engineer for widening Lowell Boulevard between 125th and 128th to the standard connector section. Work included a geotechnical assessment and pavement design report and a drainage study.

- *West 64th Avenue Improvements, Adams County, Colorado.* Project Manager and Project Engineer for the widening of 6,000 LF of roadway.
- *Street Rehabilitation Project, City of Dacono, Colorado.* Project Manager and Design Engineer for 31,000 LF of roadway water main, fittings and valves, fire hydrants, services, and new meters.
- *Quebec Street Improvements.* Project Engineer for redesign of Quebec Street between Alameda and 1st Avenue. Work included water, sewer and storm drain improvements for the corridor.
- *Tower Road Phase I and II, Denver, Colorado.* Project Engineer for the development of roadway plans for 16,000 ft of street improvements. Plans included storm, sanitary and waterline improvements. Responsibilities included coordination of 13 team members, sub-consultants, and coordination of all public agencies and utility companies.
- *Stonegate District Roads, Douglas County, Colorado.* Project Manager/Engineer for the development of roadway plans for 14,000 ft of street improvements. Plans included storm, sanitary and waterline improvements. Responsibilities included coordination of all sub-consultants, coordination of all public agencies and utility companies.
- *Starbird, 3rd and 4th Avenues, Gilcrest, Colorado.* Project Engineer for the development of horizontal and vertical alignment drainage improvements and grading for 1,000 LF of street improvements.
- *West 11th Avenue Court, Place and Drive, Broomfield, Colorado.* Project Engineer/Designer for the rehabilitation of 4000 ft. of existing streets and drainage problems.
- *Woodman Road and Academy Boulevard Redesign, Colorado Springs, Colorado.* Project Manager and Design Engineer for the design and drafting of construction drawings, coordinated and conducted pre-construction meeting, coordinated all field verification of existing utilities, coordinated with City and State entities prior to construction.
- *Trail and Parks Improvement Projects, City of Sheridan, Colorado.* Project Manager and Project Engineer for the design of 4,800 LF of pedestrian trails throughout the City.

DRAINAGE STUDIES

- *Country Club Ranch, Filing No. 2 Master Drainage Plan, Trinidad, Colorado.* Project Manager. Produced drainage study covering over 300 acres, identified 100-year water surface elevation, performed all hydrologic and hydraulic calculations.
- *Bromley Park Master Drainage Plan, Brighton, Colorado.* Project Engineer. Produced drainage study for 3,170 Acres. Performed all hydrologic and hydraulic calculations for study.
- *Hudson Master Drainage Plan, Hudson, Colorado.* Project Engineer. Performed hydrologic analysis, drafted drainage maps and wrote drainage plan.
- *Letter of Map Revision, Cottonwood Creek, Colorado Springs, Colorado.* Project Manager/Engineer. Performed hydraulic analysis, submitted all necessary forms to complete the letter of map revision in the vicinity of Rangewood Drive.
- *Van Buren Channel Renovation, Colorado Springs, Colorado.* Project Manager/Engineer. Prepared construction drawings and documents, coordinated/conducted pre-construction meeting, conducted bid opening, tabulated contractors bid packages, and performed construction inspections for 100 ft. of channel.

LINCOLN PARK METROPOLITAN DISTRICT

- *Lincoln Park Outfall Line.* Project Manager and Design Engineer for production of plans, specifications, and easements for 5,500 LF of 12-inch PVC pipe to service north portion of the District.
- *District Facilities Relocation.* Project Manager and Design Engineer for production of plans and specifications for 1,500 LF of 12-inch raw water line, 500 LF of effluent line, and a recirculation manhole to service the effluent pond and provide irrigation water for District open space.

STONEGATE VILLAGE METROPOLITAN DISTRICT

- *3.6 MG Water Storage Tank.* Project Manager and Project Engineer for coordinating with S.D.G. to produce plans and specifications for a 3.6 MG concrete tank and associated yard piping.
- *24-inch Water Line.* Project Manager and Project Engineer for production of plans and specifications for 9,220 LF of 24-inch water line. The water line supplies the 3.6 MG tank with water from existing facilities.
- *Sewer and Waterlines.* Project Manager for the development of utility plans for over 5,000 LF of sanitary sewer lines and 15,000 LF of water lines.

AIRPORT ENGINEERING

- *Juan Santamaría International Airport, San José, Costa Rica.* Project Manager/Engineer for design, rehabilitation, expansion of the loading ramp and associated taxiway designs.

LAND DEVELOPMENT ENGINEERING

- *Red Hawk Filing 3, Castle Rock, Colorado.* Project Manager for a 196-lot subdivision located in Castle Rock, Colorado. Project included several difficult aspects including encroachment on Town owned golf course, application for FEMA floodplain revision, mountainous terrain, and extensive coordination with adjacent developments for utility connections and design of interconnecting roadways.
- *King's Point Filing No. 2 and No. 4, Aurora, Colorado.* Project Manager/Engineer for 353 detached units on approximately 224 acres, including contextual site plan, final plat, and construction drawings. Design of streets, water distribution, sanitary sewer collection, storm sewer system, and a major drainageway improvement, including 3 drop structures. Filing No. 4 included 302 detached unites on 269 acres, with significant drainage improvements and pedestrian bridge.
- *Anthology, Parker, Colorado.* Project Engineer for 3,000-acre master-planned development including up to 6,200 residential units, as well as various commercial development.
- *Mission Viejo, Highlands Ranch, Colorado.* Design Engineer for the single-family residential development for Filing 118G, including street plans, sanitary sewer systems and storm drain systems for 495 lots.
- *Filing 4 at Bromley Park, Brighton, Colorado.* Project Manager for the residential development for Filing 4, containing 44 lots. Plans included street drainage and utility improvements.

CONSTRUCTION MANAGEMENT/ENGINEERING

- *On-Call Construction Services for Denver Water.* Project Manager for various Denver Water rehabilitation projects.
- *On-Call Construction Services for City and County of Broomfield, Colorado.* Project Manager for construction inspection services for residential developments.
- *City and County of Denver, Colorado.* Received, logged, and analyzed calls from public concerning damaged curb, gutter and walk for the Curb and Gutter Replacement Program. Managing database using dBase IV and developing construction documents.
- *MCI, Phase VI, Buildings C & E, Colorado Springs, Colorado.* Performed all surveying required for the construction of these two buildings. Maintained a current "As-Built" set of drawings.