

Miguel Pimentel

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Experience

City of Crystal

ENGINEERING PROJECT MANAGER

August 2024 – Present

- Manages public works project planning, including preparing plans, specs, cost estimates, and overseeing bidding processes.
- Ensures compliance with public bid notices and manages contracts, coordinating with contractors, city staff, and residents.
- Inspects construction projects for adherence to plans and specifications, and reviews as-built plans.
- Maintains departmental records and manages right-of-way permits, spring load restrictions, and traffic studies.
- Utilizes GIS and CAD for asset management; directs consultant activities for construction projects.
- Conducts surveying tasks using rod, level and GPS.
- Collaborates with private and public agencies and assists with Joint Water Commission, Watershed Districts, and MS4 inspections.

Metropolitan Council

ASST. CONTRACT ADMINISTRATOR

June 2020 – August 2024

- Coordinate contract reviews and proposed changes, ensuring adherence to project schedules and costs.
- Oversee projects through installation, construction, and commissioning phases, ensuring compliance with contract specifications.
- Identify potential impacts on project timelines or expenses and implement measures to mitigate risks.
- Manage contract processes, including proposals, evaluations, preparation, and negotiations.
- Monitor procurement, construction, and facility service contracts, managing budgets and recommending revisions as needed.
- Coordinate with regulatory agencies, governmental units, and other stakeholders.
- Participate in contract negotiations, evaluate proposals, and ensure consulting engineers' compliance.
- Assist in-house design preparation, create procurement process documents, and handle change order estimates and negotiations.

City of Bloomington

ENGINEERING TECHNICIAN

September 2018 – June 2020

- Inspected, managed, and coordinated public infrastructure projects.
- Prepared and produced daily reports and summaries of work performed.
- Designed and drafted plans for residential roads and bike trails.
- Performed quantity tracking and analysis for construction activities.

City of Minneapolis

ENGINEERING TECHNICIAN III - CHIEF FIELD INSPECTOR

August 2016 – September 2018

- Acted as liaison between other city departments, residents, and contractors.
- Kept a record of daily activities and work performed.
- Prepared and hosted weekly progress report meetings.
- Sampled and tested construction materials, incl. Asphalt, Concrete, and Soils.

Ingenieros Asociados-Construcciones, SRL

CIVIL ENGINEERING TECHNICIAN

February 2010 – March 2014

- Regularly conducted site visits to verify compliance with construction plans.
- Created daily reports and summaries of work performed.
- Kept track of construction quantities and documented deviations from contract.
- Assisted with survey, design, planning, and construction of water and sewage systems.

Education

Instituto Tecnológico de Santo Domingo (INTEC)

Santo Domingo, Dominican Rep.

183/275 SEMESTER CREDITS TOWARDS BACHELOR'S DEGREE (INCOMPLETE) IN CIVIL ENGINEERING

2009 – 2014

Certifications

May 2025	Concrete Street Inspector,	MnDOT
Mar 2025	Bituminous Street Inspector,	MnDOT
Feb 2025	Grading and Base Inspector,	MnDOT
Jan 2025	StormWater Pollution Prevention Plan Designer (SWPPP),	Univ. of Minnesota
Feb 2025	Illicit Discharge Management,	Univ. of Minnesota
May 2018	Construction Site Management,	Univ. of Minnesota

Skills

Project Management: Plan Design, Cost Estimation, Construction Inspection, Long-term Planning
Contract Administration: Change Orders, Plan Review, Cost Control, Requisitions, Lessons Learned
Programming: Web Development, Python, JavaScript/TypeScript, Git (VCS), GTFS, Open-source
Engineering: GIS, Traffic Studies, SCADA, Multi-modal, Data Collection and Analysis
Software: AutoCAD Civil 3D, Revu Bluebeam, OneOffice (RT Vision), QuestCDN, e-Builder
Languages: English (EF SET 97/100), Spanish (Native Speaker)
Volunteering: Firefighter (MN License), Emergency Medical Technician, Nuclear Technician (MREV)

Projects

City of Bloomington 2019 Pavement Management Program

Street Resurfacing / Trails

ENGINEERING TECHNICIAN / CONSTRUCTION INSPECTOR

2019

Design and inspection of resurfacing of residential roads and new bike trails. Approx. cost: US\$785,000

Northtown Transit Center Reconstruction

Commercial Construction

ASSISTANT CONTRACT ADMINISTRATOR

2021

Demolition and reconstruction of existing facility and surrounding parking lots. Installation of prefabricated bathroom, CCTV surveillance system, new street lighting. Approx. cost: US\$1,070,000

Metro Transit Police Department Substation Rehabilitation

Interior Renovation / MN CJIS

ASSISTANT CONTRACT ADMINISTRATOR

2022

Rehabilitation of previously public space into the newest substation of the Metro Transit Police Department' in downtown Saint Paul. Approx. cost: US\$880,000

Metro Transit Blue Line Intrusion Detection System Upgrade

Electrical / SCADA Systems

ASSISTANT CONTRACT ADMINISTRATOR

2023

New installation and demolition of the intrusion detection system, strobes, twc loops, wall mounted cabinets, electrical/communication conduits, junction boxes, and wiring. Approx. cost: US\$440,000

City of Crystal 2025 Utility Reconstruction Project

Watermain / Sanitary Sewer

ENGINEERING PROJECT MANAGER

2025

Fully reconstruct 4 blocks of Jersey Ave N and Idaho Ave N including underground utilities, C&G, MH/CIPP lining, and driveway aprons. Approx. cost: US\$2,530,000

City of Crystal 2025 Mill and Overlay Project

Street Resurfacing

ENGINEERING PROJECT MANAGER

2025

Design and inspection of resurfacing of residential roads in the Forest Neighborhood and the Crystal Community Center north parking lot. Approx. cost: US\$840,000

City of Crystal 2025 Sewer Rehabilitation Project

Sanitary Sewer / Storm Sewer

ENGINEERING PROJECT MANAGER

2025

Using CIPP, line sanitary sewer in initial phase of Cavanaugh Neighborhood and partially collapsed storm sewer under Broadway Park. Approx. cost: US\$205,000