

Lorenzo Jennings

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SUMMARY

Licensed Professional Engineer with eight years of **civil site development** experience across public and private infrastructure programs. Leads concurrent assignments involving water distribution, sanitary sewer, **storm drainage**, grading, utilities, and site design from scope definition through delivery. Builds proposals, fee estimates, work plans, budgets, and schedules that align client needs with practical engineering execution. Uses Civil 3D, AutoCAD, Vision, **Microsoft Project**, and project financial information to guide decisions, identify delivery risks, and maintain accountability. Coordinates multidisciplinary teams, consultants, clients, and field stakeholders through clear **technical direction** and dependable communication. Supervises engineers and technicians, supports business development, and applies sound civil engineering judgment to complex site conditions. Brings steady project leadership and practical design insight to infrastructure programs that need clear priorities, responsible budgets, and successful delivery.

EXPERIENCE

Civil Site Development Project Manager

July 2023 - Present

Palmetto Infrastructure Design Group

Columbia, South Carolina

Directs a portfolio of municipal and private site development assignments, leading scopes, financial controls, technical delivery, client relationships, and team performance across concurrent schedules.

- Directed municipal utility programs with **Civil 3D**, aligning **water**, sewer, drainage, and grading design priorities.
- Built fee proposals and staffing plans, translating **client needs** into coordinated **engineering work plans**.
- Reviewed **Vision** and Microsoft Project data, correcting resource pressure before schedule or budget disruption.
- Resolved utility conflicts and drainage constraints through multidisciplinary Civil 3D design reviews before milestone submissions.
- Led client meetings and site visits, clarifying requirements and identifying practical follow on opportunities.
- Supervised engineers and **technicians** through workload planning, technical coaching, and accountable quality reviews.

Senior Civil Engineer

May 2021 - June 2023

Lowcountry Civil Engineering Partners

Charleston, South Carolina

Led coordinated civil design packages for commercial and public improvements, balancing technical quality, task budgets, schedules, consultant inputs, and client expectations.

- Led commercial utility packages, integrating water, **sewer**, drainage, grading, and erosion control into site plans.
- Applied advanced drainage principles, documenting assumptions and technical rationale for client and internal decisions.
- Built **Civil 3D** models and **AutoCAD** plan sets, resolving geometry and utility crossing issues before submission.
- Coordinated survey, structural, landscape, and permitting inputs against milestones and constructability requirements.
- Monitored task **budgets** and engineering hours, presenting scope options when planned effort began to shift.
- Supported **proposals** and presentations by estimating design effort and explaining site constraints in practical terms.

Civil Engineer II

June 2019 - April 2021

Upstate SiteWorks Engineering

Greenville, South Carolina

Produced civil site designs for private development and local public works, supporting utility layouts, **storm drainage**, grading, calculations, field coordination, and multidisciplinary issue resolution.

- Produced private development plans with **Civil 3D** surfaces, pipe networks, utility layouts, and grading.
- Evaluated drainage patterns and utility constraints, refining designs around existing conditions and project requirements.
- Maintained technical issue logs, incorporating consultant comments into coordinated milestone design packages.
- Performed field observations, comparing design assumptions with existing features before later stage documentation.
- Compared design alternatives and quantities, giving project managers useful information for scope discussions.
- Coordinated technical comments with project managers and **consultants**, keeping revisions aligned with agreed decisions.

Civil Engineer

June 2018 - May 2019

Carolina Land & Utility Consultants

Rock Hill, South Carolina

Developed and checked early career land development deliverables, building practical capability across grading, drainage, water, sewer, documentation, field observation, and technical communication.

- Prepared AutoCAD and **Civil 3D** drawings from survey information, maintaining consistent plan documentation through reviews.
- Completed drainage and utility checks, escalating unusual conditions for senior engineering review.
- Coordinated drawing updates with survey contributors, reducing conflicts between utilities, base information, and site geometry.
- Observed **project sites**, documenting existing features and design relevant conditions for engineering plans.
- Prepared concise design notes and responses, helping senior **engineers** close review comments clearly.
- Supported land development deliverables through organized files, reliable calculations, and careful milestone updates.

PROJECTS

Municipal Utility Coordination Program 📅 2024

Coordinated water, sanitary sewer, storm drainage, and grading deliverables across public assignments, using Civil 3D reviews and client meetings to resolve conflicts before submission.

Private Development Delivery Framework 📅 2023

Structured scopes, fees, staffing assumptions, and schedule controls for concurrent private site assignments, connecting technical work plans with client expectations and project finances.

LEADERSHIP & AWARDS

- Professional Engineer license earned in South Carolina, 2022, recognizing qualified civil engineering practice.
- Selected to supervise engineers and technicians, reflecting trusted judgment in design quality, workload planning, and delivery.
- Entrusted with client meetings, proposals, site visits, and follow on opportunities across public and private assignments.

EDUCATION

Bachelor's Degree in Civil Engineering

2018

University of South Carolina GPA: 3.5

Columbia, South Carolina

Coursework: Civil site design, fluid mechanics, structural analysis, transportation engineering, environmental engineering

CERTIFICATIONS

- Professional Engineer, South Carolina 📅 2022
- Civil 3D Professional Development 📅 2021

TECHNICAL SKILLS

- **Civil Design Software:** Civil 3D, AutoCAD, plan and profile drafting
- **Project Scheduling:** Microsoft Project, schedule tracking, milestone planning
- **Project Financials:** Vision, labor estimates, fee tracking
- **Water Infrastructure:** Water distribution, water mains, utility layouts
- **Sanitary Sewer:** Sanitary sewer, sewer profiles, sewer utility design
- **Stormwater Design:** Storm drainage, drainage networks, pipe networks
- **Site Development:** Grading, site improvements, erosion control
- **Project Controls:** Scope control, budget control, schedule control
- **Engineering Delivery:** Design reviews, constructability, technical direction
- **Multidisciplinary Coordination:** Survey coordination, structural coordination, landscape coordination
- **Client Development:** Proposal preparation, fee development, client meetings
- **Field Operations:** Site visits, field observations, existing conditions

SKILLS

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|------------------------|---------------------|------------------------|-----------------------|
| • Civil site design | • Grading | • Vision | • Budget management |
| • Water infrastructure | • Civil 3D | • Scope development | • Schedule management |
| • Sanitary sewer | • AutoCAD | • Proposal preparation | • Client management |
| • Storm drainage | • Microsoft Project | • Fee development | |

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers, professional affiliation supporting continued civil engineering practice and peer connection.
- South Carolina engineering community, engaged with practical infrastructure delivery across municipal and private development programs.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST