

Civil Engineer

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Summary

Civil engineer with eight years in site and transportation design, proficient in AutoCAD Civil 3D, focused on delivering permitted, code-compliant projects on schedule and on budget across public and private infrastructure.

Experience

Civil Engineer (PE), Keystone Civil Engineering 2020 – Present

City, ST

- Served as engineer of record on 14 site-development projects totaling \$46M in construction value.
- Produced grading, drainage, and utility plans in Civil 3D that passed municipal review on first submittal 80% of the time.
- Designed a stormwater-management system that met state regulations and cut required detention volume 18%.
- Managed permitting across 6 agencies, keeping every project's approvals on the critical-path schedule.
- Reviewed and stamped construction drawings, sealing 40-plus sheets per project under PE licensure.
- Reduced design-rework hours 22% by standardizing detail libraries and QA checklists across the team.
- Resolved field RFIs during construction, preventing two change orders worth an estimated \$210K.

Civil Engineer (EIT), Greenway Infrastructure Group 2016 – 2020

City, ST

- Performed roadway-geometry and earthwork design for 9 transportation projects under PE supervision.
- Calculated cut-and-fill quantities that optimized haul and saved an estimated \$85K on one corridor.
- Prepared erosion-and-sediment-control plans compliant with NPDES and local stormwater rules.
- Drafted construction details and specifications, reducing contractor questions during bidding.
- Conducted site visits and documented existing conditions for 20-plus survey and design tasks.
- Supported hydraulic modeling that sized culverts for a 100-year storm event accurately.

Education

Bachelor of Science in Civil Engineering 2012 – 2016

State University — City, ST

Certifications & Licenses

Engineer in Training (EIT) · Professional Engineer (PE)

Skills

AutoCAD Civil 3D · Site development design · Stormwater management · Transportation design · Permitting · Code and standard compliance · Construction documents · Hydraulic modeling · Quantity and cost estimating · Construction-phase support · Project coordination · Engineering QA/QC