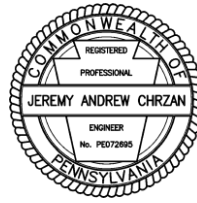


JEREMY A. CHRZAN

Highway Engineer and Project Manager
Over 10 Years of Highway Experience



Experience and Skills

Managed projects and long-term contracts for PennDOT, municipal, and private clients

Responsible for roadway, streetscape, and bridge replacement project including: geometric alignments, stormwater analysis and reporting, bituminous and concrete pavement design, maintenance and protection of traffic, integrating ADA pedestrian facilities, guiderail design, signing and pavement markings, erosion and sediment control, utility conflict identification and resolution, preparation of right-of-way acquisition documentation, plan preparation and review, and shop drawing review

Resolved conflicts and permitting with PennDOT, PSD, utilities, contractors, and clients

Performed QA/QC reviews and prepared review letters on behalf of PennDOT and municipal clients, in addition to reviewing a majority of internal project submission packages

Prepared cost estimates and specifications, including the writing of special provisions

Researched existing statewide PennDOT policies, drafted updated policy revisions, and prepared District 6-0 presentations and distribution materials

Prepared winning proposals for highway, streetscape, bridge, and private developer projects

Experience with the design and analysis of roundabout intersections

Drafted binding condition statements and coordination agreements

Generated renderings of proposed improvements using plans and site photographs

Maintained division computers, software inventory, and upgrade recommendations

User of AutoCAD, Land Desktop, PennDOT ECMS, Darwin, Microsoft Office Suite, IntelliSolve Hydrographs and Storm Sewers, StormCAD, HEC-RAS, Adobe Creative Suite, and assorted web design packages

Past experience designing steel / concrete structures, post-tension concrete design, in-situ construction monitoring, and broadcast tower design and analysis

Education & Certification

Drexel University - Bachelor of Science, Civil Engineering, Structural & Engineering Geology, 2002

Drexel University - Master of Science, Civil Engineering, Structural & Engineering Geology, 2002

Professional Engineer (P.E.) - Pennsylvania and Delaware, 2005

Professional Traffic Operations Engineer (PTOE), 2006

Leadership in Energy and Environmental Design Accredited Professional (LEED AP), 2009

Employment History

Pennoni Associates Inc, Philadelphia, PA
Project Engineer: 2003 to Present
Engineering Intern: March 1999 to June 2002

Stainless LLC, North Wales, PA
Graduate Engineer: 2002 to 2003

Affiliations

ASCE - Younger Members Forum Vice President - Exec. Board '07-'11

Mid-Atlantic Section of The Institute of Transportation Engineers (MASITE) Member

ACE Mentoring Program

Future City Completion

Bicycle Club of Philadelphia

Representative Project Experience

Design / Review / Management

- PennDOT District 6-0 Highway Occupancy Permit (HOP) Review Contract: 200+ projects since 2003
- Frankford Avenue (S.R. 0013 / S.R.2007) Streetscape Improvements, City of Philadelphia
- Rapps Dam Road Historic Covered Bridge Rehabilitation, East Pikeland Township
- S.R. 0322 Bridge Replacement over E. Brandywine Creek, W. Bradford Twp. & Downingtown Borough
- PennDOT Central Office HOP Review Standardization Contract
- State Correctional Institute (SCI) at Graterford Driveway & Expansion, Skippack Township
- Applied Card Way Roadway Extension, Concord Township
- Byberry Road & Knights Road Signalization and Widening, Bensalem Township
- Knights Road S-Curve Improvements, Bensalem Township
- State Road (S.R. 2002) & Station Avenue (S.R. 2005) Intersection Improvements, Bensalem Township
- Byberry Road & Mechanicsville Road Signalization and Widening, Bensalem Township
- Bristol Pike (S.R. 0013) Corridor Improvements, Bensalem Township
- Pennsylvania Turnpike (I-276) / Interstate 95: Section "E" Hydraulic Analysis, Bristol Township
- Philadelphia Regional Food Distribution Center, City of Philadelphia
- Interstate 80: Interchange 198 & 199 Point of Access Study, Monroe County
- Rock Hill Road & Belmont Avenue Corridor Improvements, Lower Merion Township
- Downingtown KOZ Roadway Improvements, Borough of Downingtown
- Belmont Avenue Sanitary Force Main Replacement, Lower Merion Township

Renderings

- Edgehill Road & Tyson Road One-Way / Two-Way Improvements, Abington Township
- Germantown Avenue Corridor Improvements, City of Philadelphia
- Schuylkill River Trail CSX Railroad Crossing, City of Philadelphia
- "Missing Moves" I-295 / I-76 / Route 42 Interchange, NJ
- Children's Hospital of Philadelphia Entrance Improvements, City of Philadelphia
- CVS Pharmacy, Various Sites, PA
- Interstate Outdoor Advertising Billboard Installation, PA

Proposals

- SCI at Graterford Expansion Design/Build and Emergency HOP Permitting, Skippack Township
- Ben Franklin Parkway Improvements, City of Philadelphia
- Delaware Avenue East Coast Greenway, City of Philadelphia
- Philadelphia Family Court, City of Philadelphia
- SYSCO Food Distribution Center Expansion, City of Philadelphia
- Philadelphia Vietnam Veterans Memorial Renovation, City of Philadelphia
- Keely Court Senior Housing Development, City of Philadelphia
- Philadelphia Housing Authority Paschall Village, City of Philadelphia