

D. Eric Eberly, P.E.
Senior Project Engineer

EDUCATION:

BS in Civil Engineering from Pennsylvania State University

Continuing Education:

Maintaining Asphalt Pavements – University of Wisconsin-Madison

Chapter 102 Technical Training Seminar – Adams, Lancaster, Lebanon and York County Conservation Districts

2005 Pennsylvania Stormwater Management Symposium – Villanova University Urban Stormwater Partnership

DEP Stormwater Best Management Practices (BMP) Manual Training – Dauphin County conservation District, PA

PROFESSIONAL REGISTRATION:

Professional Engineer Registered in the Commonwealth of Pennsylvania

Professional Engineer Registered in the State of Maryland

EMPLOYMENT HISTORY:

2009 – Present	Vision Engineering, Inc. Lititz, PA	Senior Project Engineer
2006 – 2009	Larson Design Group (LDG) & Fisher Engineering	Project Engineer/Project Manager
1997 – 2006	ARRO Consulting Inc.	Project Designer/Project Engineer
1995 – 1997	C.L. Frantz & Associates Inc.	Surveyor's Assistant & Designer

SUMMARY OF EXPERIENCE:

Fourteen years of experience including subdivision planning, site development, plan reviews, hydrologic/hydraulic studies, floodplain analyses, and construction observation; design experience includes roadway and highway alignment and profiles, intersection geometry, traffic calming measures, pedestrian walkways/paths, sewage disposal systems, storm sewers, water supply systems, stormwater detention, retention, water quality and infiltration facilities, and erosion and sediment control facilities; surveying experience includes property surveys, construction stake-out, topographic surveys, aerial mapping control, and preparation of legal descriptions.

Municipal Plan Reviews Performed subdivision/land development plan reviews, stormwater management plan reviews, and driveway application reviews for various municipalities. Also performed reviews of waiver requests and provided recommendations.

Roadway Maintenance Prepared plans and specifications and provided construction observation for various types of roadway maintenance projects, including crack sealing, oil and chip, overlay, spot repair and overlay, cold-mill recycling, and complete reconstruction.

Pavement Management Performed pavement management study and provided recommendations for repairs and improvements; included inspection of each street in study area, documenting roadway deficiencies, and rating each street and recommended improvements.

Subdivision and Land Development	Performed lot layout, road alignment and profile, stormwater management plan, erosion and sedimentation control plan, NPDES permitting, present plans at meetings, justify waivers, address zoning issues, performed construction stakeout, and pinned property corners.
Street Design	Designed plan and profile of new streets, extension of existing streets and street reconstruction in accordance with local municipal ordinances, PENNDOT design guidelines, AASHTO policy, and good engineering practices; designed horizontal alignment, vertical profile, superelevation, lane width, shoulder width, and intersection geometry to achieve required sight distance and promote desired traffic conditions.
Storm Sewer Design	Prepared storm sewer design for various street projects, and site development projects. Designed storm sewers, swales, basins, discharge control structures, infiltration areas, underground storage area, BMP facilities and related facilities.
Highway Occupancy Permits	Prepared highway occupancy permit applications and plans including notes, construction and restoration details, work zone traffic control including detours, occupancy permits for utilities, driveways, local roadways, and collector streets for municipal and private sector work; coordinated utility work on PENNDOT projects.
Recreation	Prepared site development plans for recreational facilities, sports fields, access and parking areas (paved, gravel and grass), recreation vehicle and boat trailer facilities, pedestrian/bicycle paths, traffic calming features, related storm drainage, basins and infiltration areas.
Erosion & Sedimentation Control Plans	Prepared soil erosion and sedimentation control final construction plans and details for subdivision and land development projects, infrastructure projects. Prepared related permits such as NPDES, and general permits for stream crossings, and stream bank restoration.

SAMPLE PROJECTS:

High Street Drainage Improvements Borough of Akron, PA	Designed storm sewer system consisting of approximately 600 L.F. of pipe and five inlets, and coordinated street light installation with electric utility.
High Street Roadway Improvements Borough of Akron, PA	Designed 1400 L.F. of improvements consisting of roadway, curb, sidewalk, plan, and profile.
Lincoln Highway Streetscape City of Coatesville, PA	Designed traffic calming and street beautification for approximately 13 city blocks; project involved intersection curb bulb-outs, bus shelter placement, storm sewer design, parking reconfiguration, street tree planting, traffic signal revisions, and construction plans.
Pine Street Improvements Borough of Denver, PA	Prepared plans and specifications, provided construction observation and preliminary site visits to identify necessary repairs for project consisting of 2,500 L.F. of curb replacement, 30 S.Y. of sidewalk replacement, 5,700 S.Y. of pavement reconstruction, milling, and overlay.

Roadway Maintenance Borough of Denver, PA	Prepared plans and specifications and provided construction observation for overlay repair and reconstruction project for alley and railroad crossing; prepared plans and specifications for crack sealing project.
Roadway Maintenance Projects Township of East Coventry, Chester County, PA	Prepared plans and specifications and provided construction observation for oil and chip, overlay, repair and reconstruction projects with in the township for several consecutive years.
Lewis Road Realignment Spring-Ford Area School District Collegeville, PA	Designed improvements to 2,500 L.F. of state roadway fronting school property; project involved changes in vertical and horizontal alignment, width, adding turning lanes, curb, sidewalk, and storm drainage.
Intersection Alignment Spruce Street & Second Avenue Borough of Lititz, PA	Designed intersection alignment improvements; project included parking, drainage improvements, and highway occupancy permit preparation including construction and restoration details and notes, work zone traffic control, occupancy permits for utilities and local roads.
Landis Valley Road Reconstruction Manheim Township Lancaster County, PA	Prepared plans for 3500 L.F. roadway reconstruction project including horizontal alignment and vertical profile, intersection geometry, storm sewer system, curb, sidewalk, guide rail, water main extension, analysis of traffic calming suggestions, construction observation, highway occupancy permits, and detour plan.
Bailey Road Bridge Replacement Caln Township Chester County, PA	Designed roadway improvements associated with project to replace existing bridge with two-cell concrete box culvert.
Slavins Landing Improvements Indian Head, MD	Prepared site development plan, parking lot and driveway configuration for recreation vehicles and boat trailers, and designed stormwater management plan.
Donegal Street Reconstruction Borough of Mount Joy, PA	Prepared highway occupancy permit application including standard details and notes, construction and restoration details, work zone traffic control including detour, occupancy permits for utilities, driveways, and local roads.
Municipal Plan Reviews Various PA Municipalities	Performed subdivision/land development, stormwater, and driveway application reviews for West Reading Borough, Berks County; Borough of West Grove, Caln Township, East Coventry Township, Tredyffrin Township, and West Sadsbury Township, Chester County; Londonderry Township, Dauphin County; for Boroughs of Akron, Christiana, Columbia, Denver, Lititz, Manheim, Millersville, Mount Joy, New Holland, and Quarryville, Lancaster County; for Townships of Caernarvon, Manheim, Pequea, Upper Leacock, Warwick, and West Earl, Lancaster County; Borough of Marysville, Perry County; Hellam Township and Manchester Township, York County.

<p>Sewer & Water Improvements Village of Bowers Maxatawny Township Berks County, PA</p>	<p>Provided sewer and water improvements, sanitary sewer system design, water distribution system layout, control and field survey, existing features plan, and prepared drawings and descriptions for easements.</p>
<p>Honeysuckle Lane Sanitary Sewer System Lancaster Area Sewer Authority Lancaster County, PA</p>	<p>Prepared highway occupancy permit for 8000 L.F. of force main along state roadway outside shoulder, prepared GP-5 stream crossing permits, designed erosion and sediment control for pumping station site, and stormwater management for pumping station site and access driveway.</p>
<p>Webercroft Subdivision Upper Allen Township Cumberland County, PA</p>	<p>Prepared report, plans, details, and highway occupancy permit for drainage improvements including inlets, manholes, and pipes to address existing drainage problems.</p>
<p>Subdivision Planning Stone Meadow Farms Richmond Township Berks County, PA</p>	<p>Performed lot layout, road alignment and profile, stormwater management plan, erosion and sedimentation control plan, street stakeout, and pinned property corners.</p>
<p>Site Development Blue Ribbon Farms Centre Township Berks County, PA</p>	<p>Provided sanitary sewer system design, erosion and sedimentation control plan, stormwater drainage plan, HEC-2 floodplain analysis, PENNDOT Highway Occupancy Permit plan, stream crossing, grading, lot layout, and road alignment and profile.</p>
<p>Wingate Terrace Subdivision Borough of Kenhorst, PA</p>	<p>Provided water, sewer, and storm sewer design including HEC-2 floodplain study, cross section surveys, road alignment, lot layout, and grading.</p>
<p>Millcreek Subdivision Conewago Township York County, PA Cornerstone Development Group</p>	<p>Performed lot layout and designed stormwater conveyance and management facilities for residential development to contain 82 single-family dwellings on 100-acre tract.</p>
<p>Subdivision Planning Stoney Pointe East Cocalico Township Lancaster County, PA</p>	<p>Prepared stormwater management plan, erosion and sedimentation control plan, NPDES permits, waiver requests and HOP permits. Presented the plans at various meetings.</p>
<p>Hawthorne Ridge Subdivision Lancaster Township Lancaster County, PA Cornerstone Development Group</p>	<p>Designed stormwater conveyance and management facilities and roadway drainage for 86-acre residential development to contain single-family, semi-detached, and attached units.</p>