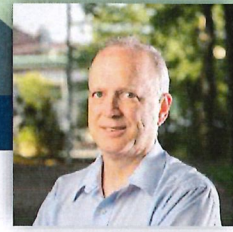


Robert E. Flinchbaugh, PE

Senior Engineer



Education

B.S. Civil Engineering Technology
University of Pittsburgh - Johnstown

Professional Registrations

Professional Engineer – PA
Chairperson and Board Member

Years of Experience with CEG

2

Total Years of Experience

30

SUMMARY OF EXPERIENCE

Mr. Flinchbaugh is an experienced professional civil engineer and project manager specializing in infrastructure for municipal engineering. He is an expert in stormwater management including compliance with permitting agencies. Bob provides comprehensive land planning, bid administration, design, and contractor management to local, regional, and federal governments, as well as commercial and private clients. In addition, he is experienced and knowledgeable about plan preparation, proposal writing, and agency coordination.

PROFESSIONAL EXPERIENCE

Municipal Civil Engineer

Responsible for the review of subdivision and land development plans, including review to determine compliance with zoning, stormwater management, and subdivisions and preparation of review letters. Responsible for attendance and meeting representation and Planning Commission and Board of Supervisors/Commissioners Meetings and Zoning Hearings. Responsible for meeting with residents upon request of Township. Responsible for the preparation of construction plans and bid documents, administration throughout bidding process, and construction management of various municipal public works projects, including numerous road improvement, drainage improvement, and park facilities projects. Roadway projects included widening and storm sewer installation, pavement rehabilitation/recycling, and overlay projects.

Current

- ▶ Borough of Pottstown, Montgomery County, PA. Ongoing.

Past Engagements

- ▶ Caln Township, Chester County, PA.
- ▶ East Brandywine Township, Chester County, PA.
- ▶ East Vincent Township, Chester County, PA.
- ▶ West Nantmeal Township, Chester County, PA.
- ▶ West Vincent Township, Chester County, PA.
- ▶ Upper Pottsgrove Township, Montgomery County, PA
- ▶ Schwenksville Borough, Montgomery County, PA

Westmoreland Station E&S Plan – Westmoreland, PA

Project Engineer. Design and project oversight for a project consisting of a new PECO substation located in the City of Philadelphia, including plan and narrative report preparation. 2019.

PECO 6681 Transmission T-Line E&S Plan – Lower Pottsgrove Township, PA

Project Engineer. Design and project oversight for a project posing installation of PECO transmission lines extending from Lower Pottsgrove Township, Montgomery County to North Coventry Township, Chester County. Scope of work included the preparation of Erosion and Sedimentation Control Plans, narrative, and applications as required to obtain approval from the Montgomery and Chester County Conservation District. 2019.

Lanchester Landfill Conceptual Drainage Study – Narvon, PA

Project Engineer. Responsible for the preparation and oversight of a comprehensive drainage study analysis and cost estimate for several drainage improvement alternatives associated with the Lanchester Landfill. The project scope included analysis of existing drainage improvement and preliminary design of proposed improvements to drainage and mitigate flooding impacts to properties located downstream of the landfill. 2019.



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PROFESSIONAL EXPERIENCE (continued)

Caln Township Capital Improvement Plan – Caln, PA

Project Engineer. Oversight of the preparation of a comprehensive plan and report outlining and prioritizing potential public works improvements and repairs, including preparation of cost estimates associated with the improvements proposed. 2019.

30 & 82 Intersection Redesign – Coatesville, PA

Project Engineer. Responsible for preparation of field change drawing preparation and oversight. Ongoing.

Millview Basin Retrofit Feasibility Study – Coatesville, PA

Project Engineer. Responsible for drainage analysis, preliminary design, preliminary cost estimate, and preparation of report outlining proposed improvements, anticipated costs, and recommendations. 2019.

Reservoir Park Stream Restoration and Sanitary Sewer Line Replacement – Lansdowne, PA

Project Engineer. Design and oversight in the preparation of grading, erosion and sedimentation control plans associated with stream improvement along Falls Run. Project included permitting associated with water of the commonwealth encroachment and erosion and sedimentation control through the Delaware County Conservation District. Ongoing.

Dotterer Road Trail – New Hanover Township, PA

Project Engineer. Responsible for design and oversight associated with preparation of a Grading and Erosion & Sedimentation Control Plan, bid document preparation, coordination with Township Parks and Recreation Department. Ongoing.

Yarnell Park Trailhead Parking Area – Berks County, PA

Project Engineer. Responsible for design and oversight required for the preparation of Grading and Erosion & Sedimentation Control Plans for a proposed trailhead parking area. Project involved acquisition of Berks County Conservation District approval. 2019.

Dauphin County Bridges – SR1017 and SR4006, Agreement E04017 – PADOT, District 8-0, Dauphin County, PA

Project Engineer. As a subconsultant to Whitney, Bailey, Cox & Magnani attended the pre-scoping meeting with PennDOT representatives, prepared cost estimates, watershed analysis, and Hydrologic Study. Ongoing.

Crebilly Farm Stormwater Management Review – Westtown, PA

Project Engineer. Responsible for Conditional Use Plan review, including review of plan and Stormwater Management Report for compliance with Westtown Township Ordinances, preparation of review letters, coordination with Township Solicitor in preparation for attendance at Planning Commission meeting, attendance and presentation to Planning Commission and Westtown Township residents. 2019.

Palmer Park – City of Coatesville, Chester County, PA

Project Manager. Redevelopment of an existing city park to include a proposed recreational splash pad. Coordination with Natural Lands Trust regarding plan preparation, attendance of meetings with city representatives, Natural Lands Trust, and contractors, coordination with contractors and PA American Water regarding proposed sewage disposal needs of project, coordination regarding construction oversight. 2018.

Memorial Park Phase III - Pottstown Borough, Montgomery County, PA

Project Manager. Development of existing park improvements, including parking and pedestrian facilities, incorporation of stormwater management BMPs, addition of playground equipment. Responsible for plan preparation oversight, construction detail and bid package preparation, coordination with Borough Parks Department, attendance, and facilitation of pre-bid meeting. 2018.

Fisherville Road Bridge - Caln Township, Chester County, PA

Project Manager. Replacement of an existing bridge along Fisherville Road crossing a tributary to Beaver Creek, along with associated roadway and drainage improvement. Construction administration, oversight of preparation of easement plans for inclusion in documents. 2018.



Meiklejohn Stadium Stormwater Retrofit University of Pennsylvania – Philadelphia, PA

Project Engineer. Provided stormwater management design and NPDES Permitting for baseball facility renovations. Work included pre-application meeting with PWD to discuss stormwater management criteria and possible modification of their criteria due to the site's proximity to the Schuylkill River. Coordinated plan preparation and submissions to PWD, including the Existing Resource and Site Analysis (ERSA) application and plan submission, obtaining conceptual approval, coordination of stormwater management design and plan preparation associated with the Post Construction Stormwater Management Plan Review Phase and obtaining approvals in accordance with PWD's Development Compliance Review Path.

Hammel O'Donnell - West Nantmeal Township, Chester County, PA

Municipal Engineer. Subdivision Plan proposing 13 industrial lots, stormwater management facilities, sanitary sewer disposal conveyance, utility relocation. Responsible for review of land development plans, preparation of review letter based upon municipal regulations, coordination and meeting with developer's engineer and attorney. 2018.

Bollinger Road Bridge Repair - West Nantmeal Township, Chester County, PA

Project Manager. Bridge rehabilitation, including scour repair, masonry repointing, repair of parapets. Managed construction administration, coordination of construction oversight, review and authorization of payment request, and change orders. 2018.

Culbertson Run Drainage - East Brandywine Township, Chester County, PA

Project Engineer. Stormwater improvements, landscape removal to improve drainage along and existing township roadway accessing the Culbertson Run subdivision. Preparation of Grading, Erosion and Sedimentation Control Plans, plan details and notes, coordination with Township public works department, oversight and design support related to stormwater management facilities. 2018.

East Brandywine Simplified SWM Ordinance - East Brandywine Township, Chester County, PA

Municipal Engineer. Development of Stormwater Management Ordinance to permit an expedited, cost effective solution for homeowners proposing improvements resulting in a limited amount of additional impervious coverage. Responsible for review of draft as provided by Township and County Planning Commission, provision of edits as required for adoption by Township. 2018.

Thorndale National Tire & Battery - Caln Township, Chester County, PA

Municipal Engineer. Land development to include an auto service establishment, associated parking and stormwater management facilities. Responsible for plan review, preparation of construction cost estimate for incorporation into developer's agreement, coordination of pre-construction meeting. 2018.

Municipal Road Programs – Caln Township, West Nantmeal Township & West Vincent Township

Municipal Engineer. Roadway improvements to municipal roadways in local communities. Responsible for construction administration oversight, including bid review, contractor coordination, review and approval of payment requests, shop drawing reviews, and construction oversight. 2018.

Premier Auto Group - East Vincent Township, Chester County, PA

Municipal Engineer. Land development plan proposing an expansion to an existing car dealership, including inventory storage, parking areas, and stormwater management and conveyance facilities. Responsible for review of land development plans, preparation of review letter based upon municipal regulations, review and preparation of construction cost estimate for incorporation of security into development agreement. 2018.

Shenkel Road Subdivision - North Coventry Township, Chester County, PA

Project Engineer, Project Manager. Three lot residential subdivision plan preparation. Responsible for plan preparation and design oversight, site grading, preliminary stormwater management and erosion and sedimentation control design. 2018.

Wawa: Bondsville & Reeceville - Caln Township, Chester County, PA

Municipal Engineer. Land development involved a proposed convenience store, associated parking and stormwater management facilities. Responsible for coordination/construction administration, review of escrow releases.

Pocopson Township Trails - Pocopson Township, Chester County, PA

Project Engineer. Walking Trail Expansion Project, included master plan preparations, plan preparation, permit acquisitions, preparation of cost estimate and bid documents, and preparation of documentation as required for grant applications, and coordination with Township and Brandywine Conservancy throughout project.



Municipal Engineer

Responsible for the review of subdivision and land development plans, including review to determine compliance with zoning, stormwater management, and subdivisions and preparation of review letters. Responsible for attendance and meeting representation and Planning Commission and Board of Supervisors/Commissioners Meetings and Zoning Hearings. Responsible for meeting with residents upon request of Township. Responsible for the preparation of construction plans and bid documents, administration throughout bidding process, and construction management of various municipal public works projects, including numerous road improvement, drainage improvement, and park facilities projects. Roadway projects included widening and storm sewer installation, pavement rehabilitation/recycling, and overlay projects.

Anson B. Nixon Park - Kennett Square Borough, PA

Project Engineer. Intake structure rehabilitation for an existing reservoir located in Anson B. Nixon Park in Kennett Square Borough, including plan and bid document preparation, and administration throughout bidding and construction process.

Heidelberg Road Bridge Replacement Project - Heidelberg Township, Berks County, PA

Project Manager. 35-foot single span bridge replacement project over Spring Creek in Heidelberg Township, including complete project design and plan preparation, permit and approval acquisitions, bid document preparation, administration throughout contract award and construction management through completion of construction.

Farmington Avenue Widening and Drainage Improvements - Upper Pottsgrove Township, Montgomery County, PA

Project Manager. Roadway widening and drainage improvement project. Included complete project design and plan preparation, permit and approval acquisitions, bid document preparation, administration throughout contract award and construction management through completion of construction.

Willow Road Bridge Replacement Project - Ruscombmanor Township, Berks County, PA

Project Manager. Reinforced concrete box culvert replacement and roadway realignment project over Willow Creek in Ruscombmanor Township. Included complete project design and plan preparation, permit and approval acquisitions, bid document preparation, administration throughout contract award and construction management through completion of construction.

DeTurk Road Bridge Replacement Project - Oley Township, Berks County, PA

Project Manager. Reinforced concrete box culvert replacement and roadway realignment project over Manatawny Creek in Oley Township. Included complete project design and plan preparation, permit and approval acquisitions, bid document preparation, administration throughout contract award and construction management through completion of construction.

Lower Moreland School District Trail Expansion Project - Huntingdon Valley, PA

Project Manager. Design and construction administration of a completed walking trail project for Lower Moreland School District, connecting the high school to a municipal library. Scope included design of trail and water quality best management practices, Township approval acquisition, bid, RFI and shop drawing review, and construction observation. Project was initiated in March 2016, design completed and approved, bid awarded, and construction completed in August 2016, prior to opening of school.

Pep Boys – 3107 West Allegheny Avenue - Philadelphia, PA

Project Manager. Responsible for zoning/land development plan approval, stormwater management design, approvals through Streets Department and City Planning Commission for zoning stamps, ERSA and technical approval through PWD.

AAA – 1601 Christopher Columbus Boulevard -Philadelphia, PA

Project Engineer. AAA car care facility. Project involved stormwater management design, plan preparation, ERSA & technical plan approvals through PWD, and L&I approval.

Venice Island - Philadelphia, PA

Project Manager. Proposed apartment complex facility in Manayunk. Project involved preparation of grading plans and client support related to obtaining zoning approvals related to floodplain encroachment on a site adjacent to the Schuylkill River.

1823-1835 Callowhill Street - Philadelphia, PA

Project Manager. Land development project associated with a five (5) story multi-use redevelopment and associated parking. Scope included preparation of land development plans, obtaining ERSA plan approval from PWD.



Pottsgrove Middle School – Upper Pottsgrove, PA

Municipal Engineer of Record. Institutional Land Development consisting of a school building, athletic fields, and parking facilities on a 44-acre parcel. Project involved Conditional Use and Land Development Plan approval. Public was very involved at both hearings and meetings with concerns related to the difficulty of the site to develop (steeply sloped site), stormwater runoff and traffic generation. Responsibilities included plan review, attendance at meetings and testimony at hearings on behalf of Township.

Turnberry Farms Residential Subdivision – Upper Pottsgrove, PA

Municipal Engineer of Record. Responsible for plan review, meeting attendance (Planning Commission and Board of Commissioners) and construction oversight for a 188 single family home residential subdivision.

Chestnut Tree Residential Subdivision – Upper Pottsgrove, PA

Municipal Engineer of Record. Responsible for plan review, meeting attendance (Planning Commission and Board of Commissioners) for an 88 unit planned residential subdivision.

Cherry Tree Farms Residential Subdivision – Upper Pottsgrove, PA

Municipal Engineer of Record. Responsible for plan review, meeting attendance, correspondence preparation for a 166-lot single family home residential subdivision.

Mauger's Mill Estates Subdivision – Upper Pottsgrove, PA

Municipal Engineer of Record. Responsible for plan review, meeting attendance (Planning Commission and Board of Commissioners) for an 80-lot single family residential subdivision.

Jones Motor – East Vincent Township

Municipal Engineer of Record. Responsible for a Conditional Use Plan review for a proposed mixed use planned development. Development included a mix of single detached units (approximately 280), townhomes (approximately 110), a commercial area and community center.

The Villages at Hillview – Coatesville, PA

Municipal Engineer of Record. Responsible for plan review of an adult continuing care retirement community including 96 proposed dwelling units.

The Hills at Thorndale Woods – Caln Township, PA

Municipal Engineer of Record. Responsible for review of a subdivision and land development consisting of 175 townhomes and 87 single family detached dwellings.

