



Engineering Department

- 2021 Budget Presentation -

Unprecedented Times, Unprecedented *Performance*



Engineering Department: One Cog in a High Performance Organization



ENGINEERING DEPARTMENT TEAM MEMBERS

Patricia (Trish) Sherwin, Administrative Assistant

Douglas Meder, CSWI, SEO, Inspector

Dennis Capella, Project Manager

Stephen Norcini, PE, Township Engineer





Engineering Department Tasks & Duties

- Capital Projects
- Land Development
- Technical Support to Other Departments
- Resident Stormwater Concerns
- Grading & Clearing Permits
- Use & Occupancy Certificates
- Liaison to the Planning Commission, Shade Tree Commission
- Capital Project & Grading Permit Inspections
- Technical Reviews with appointed Consultants

Assist residents, contractors, and others at the front counter

Prepare capital construction 1, 5, and 10 year plans for budget planning for the Manager & Assistant Manager

Meet with residents on stormwater, grading, and other concerns

Meet with residents, builders, developers, to discuss the Land Development or permitting process

Take Capital projects from inception, through design and engineering, through construction

Provide technical assistance to, and work with all other departments





COMMISSIONS & DEPARTMENTAL ASSISTANCE

Planning Commission

Shade Tree Commission

Departmental



Planning Commission	Shade Tree Commission	Departmental
Land Development Technical Reviews SALDO Zoning Stormwater	Grading Permits Shade Tree Ordinance Township Arborist Technical & Administrative Assistance	Technical Assistance Technical Reviews Bidding Assistance Requests for Proposals





Radnor Township Engineering did not MISS A BEAT during the pandemic.

- Protocols were instituted that still allowed the permits to be issued based on the Governor's guidelines. Work continued on permits in the queue, so once the restrictions were lifted, they could be issued immediately.
- **Customer service was still number one during the shutdown, and still is!**

LAND DEVELOPMENT

Planning Commission & Board of Commissioners

Provide technical reviews based on pertinent ordinances

- Subdivision & Land Development
- Stormwater Management
- Zoning
- Meet with owners, builders, developers

Technical Reviews by Staff & Consultants

Staff

SALDO & SWM

Traffic & transportation

PC Solicitor

Capital Projects



CAPITAL PROJECTS

Planning

- Create Request for Proposal For Design
- Create Scope of Work for Service Agreement
- Engineering
- Bidding Documents

Construction

- Contract Administration
- Inspection
- Closeout

TYPES OF CAPITAL PROJECTS OF PROJECTS

Pedestrian improvement

Traffic signals

Sanitary sewer

Storm sewer

Culverts

Stormwater Management

Flood reduction

Paving

Tree planting

Streetscapes

Building construction

Beautification

Infrastructure

Bridges



STORMWATER

- Meet with residents to discuss concerns
- Present possible capital projects to Manager & Assistant Manager
- Evaluate proposed capital projects from Manager
 - If so directed, begin planning process for stormwater project
 - Provide cost estimates
 - Prepare RFPs and scope of work for consultants
 - Meet with Manager, Assistant Manager, Commissioners and residents regarding the project
 - Budgeting
 - Design
 - Bidding
 - Construction

Everyone is downhill from someone!



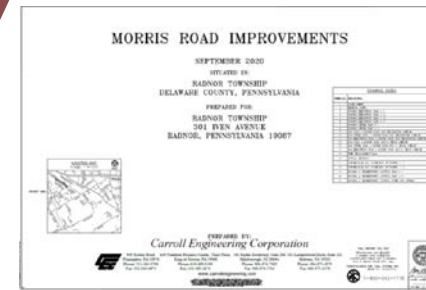


EMERGENCY PROJECT- 790 ROBINHOOD ROAD

Morris Road Streetscape Project



Small Flowering - Flame Cherry



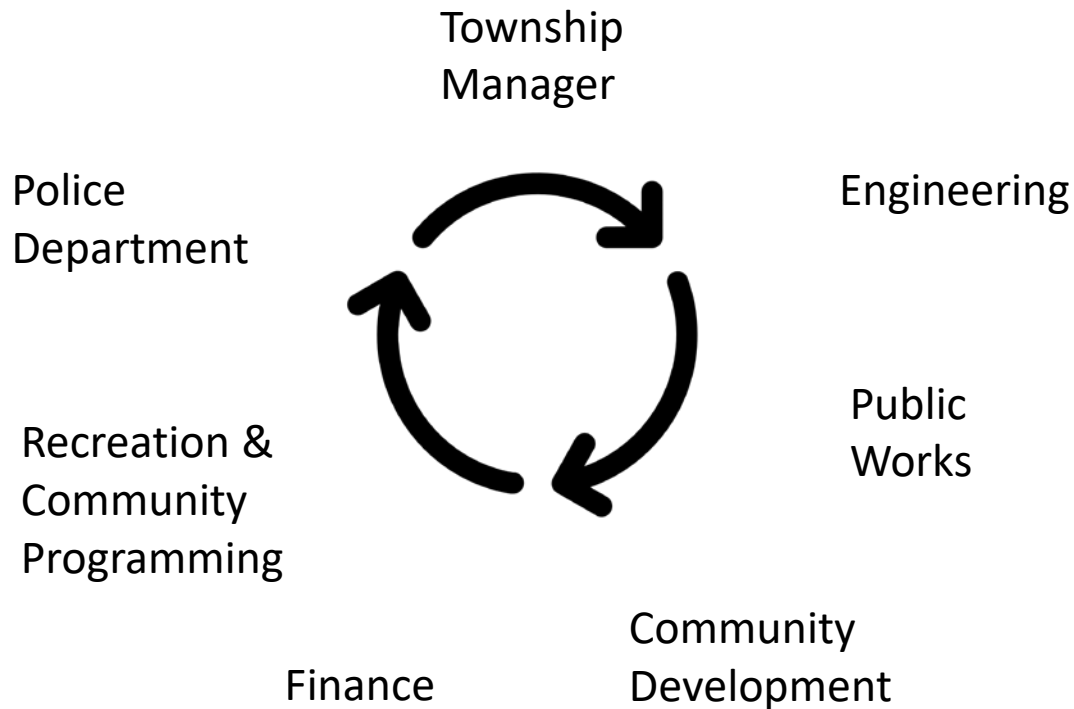
Roberts Road Culvert





...none here!

COLLABORATION & TEAMWORK!



The Engineering Department works in conjunction with, and provides technical support to, all Departments of the Township.

Township Administration fosters a culture of collaboration amongst all departments; all departments assist each other whenever needed.



BUDGET CONSIDERATIONS

- Rewrite or revision of Stormwater Management Ordinance, which was created in 2005
- Rewrite or revision of the Subdivision and Land Development Ordinance (SALDO)
- The above should be done in coordination with the Comp Plan and Zoning Ordinance
- Scanning of SALDO & Grading Permits, assistance on U&Os
- Capital Project Funding



YTD Permitting: Grading, SW, SALDO, U&O

- Use & Occupancy 294
- Minor Grading Permits 90
- Grading Permits 49
- Shed Permits 15
- Stormwater Permits 17
- SALDO Applications 10
- Highway Opening 82





The team members of the Engineering Department are proud and honored to serve the residents of Radnor Township.





THANK
YOU

