

**To:** Public Works Committee  
Safety & Public Properties Committee

**Date:** Month ending August 31, 2018

## ENGINEERING DEPARTMENT UPDATE

### RESIDENTIAL & COMMERCIAL REVIEWS AND PERMITTING

#### A. Summary of Permits

Type	August	2018 YTD	
	Submitted	Submitted	Issued
Residential Driveway	18	82	69
Sewer Tap	2	9	9
Erosion/Downspout	0	2	2
Heavy Load	14	65	60
Right of Way	6	25	25
Building Department (Commercial & Residential)	147	1384	1146
<b>Totals</b>	187	1567	1311

#### B. Commercial Construction Projects

**1. Under Construction**

30175 Solon Industrial  
King Nut

**2. Completed This Month**

Townplace Suites  
Nestle  
Nestle 500 Building

#### C. Preliminary Planning Meetings: 20

### INFRASTRUCTURE PROJECT UPDATE

#### A. Under Study and/or Design

**1. Solon Road Sidewalk Improvements**

Engineering Department is working with last property owner to secure easement for sidewalk.

**2. SOM/Cannon Intersection Improvements**

Status unchanged. R.E. Warner submitted a preliminary alignment of the intersection for the City's review.

**3. The Preserve Subdivision Modifications Phase II**

Status unchanged. The Engineering Department completed a walk thru with B&N and the Army Corps on 4/15/16 to discuss the permitting options.

**4. The Preserve Subdivision Modifications Phase III**

Status unchanged. This phase included a comprehensive study of the sanitary and storm sewers in the Silkwood and Nightshade area. The Engineering Department is considering a proposal from the Consultant with regard to the design of a relief storm sewer on Silkwood. This project will be evaluated upon the completion of the Preserve Subdivision Modifications Phase III project.

**5. Briarhill Culvert**

Review comments are being finalized and will be sent out soon.

**6. SOM/Aurora Intersection Improvements**

ROW- CEI has completed the utility relocation. AT&T, Spectrum and the City are relocating utilities to finalize the relocation.

Currently out for rebid. Prebid 9/11/18. Bids open 9/21/18.

**7. Sanitary Sewer Master Plan Update**

The City has completed smoke testing in the Sherwood Park Subdivisions. Violation letters will be sent out.

**8. Engineering General Services**

Work is ongoing as needed.

**9. Naiman Parkway Pump Station & Force Main**

Status unchanged. B&N met with the Engineering Department to go over the final report. The final report has been submitted.

**10. Twinsburg Widening of SR 91 - Phase II**

Utilities are being relocated.

**11. Aurora Road Reconstruction**

Status unchanged. The City was awarded \$1.5 million in federal funding for the project which will be available in the state's fiscal year 2021. Option 2 (integral bike lanes on the north side of Aurora) was selected by the Safety & Public Properties Committee and City Council. A temporary traffic signal will be installed at Portz Parkway. GPD has been authorized to start the final design. GPD has prepared a centerline grade and typical section plan and will be submitting it to the City for review in April.

**12. Valley Forge Headwater Stream Restoration**

Status unchanged. The Engineering Department has sent out a resident notification for the project. Chagrin River Watershed Partners will be assisting the City of Solon with the preparation of the contract documents.

**13. Harper Road Corridor Traffic Evaluation**

The Engineering Department met with ODOT to present the recommendations of the study. ODOT was in favor of the study recommendations. The project will be discussed at the September Safety & Public Properties Committee meeting.

**14. Arbordale Reconstruction**

Status unchanged. The Service Department completed televising the sewers.

**15. Fox Hill Storm Sewer Rehabilitation**

Status unchanged. Engineering is investigating using the ODOT state bid contract for culvert lining. Looking at other alternatives.

**16. Dominion East Ohio Gas Line Replacement-Solon/Bainbridge Roads**

Status unchanged. Dominion East Ohio Gas has put the project on hold. Preliminary plans have been submitted to the City for review.

**17. SOM Center Resurfacing (US 422 EB to Railroad Bridge)**

B&N is working on design plans. A letter has been sent to ODOT requesting an earlier funding date.

**18. Misc. Traffic Signal Improvements (Portz/Aurora, Harper/Bainbridge, Liberty Curve)**

Contracts are being signed.

**19. Bunker Hill/Independence Court Sanitary Sewer**

Status unchanged. Survey work is complete. B&N is working on the design.

**B. Construction**

<b>2014 Annual Contracts</b>	<b>Status</b>
Construction Inspection Services	Engineering is working with ODOT to close out the City Wide Traffic Signal Project.
<b>2017 Annual Contracts</b>	<b>Status</b>
Construction Inspection Services	Work is on-going as needed.
Concrete Repair	Punchlist is complete. A final walk thru will be scheduled.
Asphalt Repair	Punch list is being prepared. A final walk thru will be scheduled.
Materials Testing	Work is on-going as needed for the treatment plant project.
Sanitary and Storm Repair	Closeout documents have been sent to the contractor.
<b>2018 Annual Contracts</b>	<b>Status</b>
Concrete Repair	Work is ongoing.
Street Striping	Fall application will begin in October.
Preventative Maintenance	Work is substantially complete.
Asphalt Repair	Contracts are being signed. Shop drawings have been submitted for review.
Catch Basin Repair	Work is substantially complete.
Materials Testing	Work is on-going as needed.
Sewer Grouting	Work is on-going.
Emergency and Miscellaneous Roadway Repair	Work is on-going as needed.
Sanitary and Storm Repair	Work is on-going as needed.

**1. Hunter's Ridge Infrastructure Improvement Project**

Status unchanged. The project has been completed.

**2. Stone Creek Estates**

Status unchanged. The Engineering Department is working with the developer to seal the existing sanitary connections along Cannon Road. The surface course has been applied to the road.

**3. Woods of Solon (SOM/Miles)**

Construction on the second and third buildings is underway.

**4. Neptune Oval Estates**

Status unchanged. Review comments were sent to the developer.

**5. Miles Road Sanitary Sewer Replacement**

Status unchanged. Work is substantially complete. Project punch list is being prepared.

**6. Liberty Road Bridge under US 422 Slope Repair (ODOT)**

Status unchanged. The embankment work has been completed. Restoration is in progress.

**7. Bainbridge Road Culvert C-004**

Final quantities and completion date are being reviewed.

**8. Richmond Road Resurfacing (Columbus to Southern Corp Line) - Village of Oakwood**

Status unchanged. Work is substantially complete. Contractor is working on punch list items.

**9. Copley Avenue Reconstruction**

Restoration is being touched up. Final quantities are being reviewed.

**10. Roxbury Storm Sewer Replacement**

Project closeout will be on the September Public Works Committee agenda.

**11. Cochran Road Reconstruction Phase 2**

Status unchanged. Restoration is complete. Final quantities have been sent to the contractor.

**12. Bainbridge Road Sidewalks**

Project closeout will be on the September Public Works Committee agenda.

**13. SOM Center Retaining Wall/Fence**

Brick work is nearing completion. Fence will be installed soon.

**14. AT&T Fiber Upgrades**

Status unchanged. AT&T completed installing fiber in the following locations: Glenallen Avenue at Aurora Road (near the intersection), Woodlands Subdivision (Woodlands Lane)

AT&T is installing fiber in the following locations: Brenna's Landing Subdivision (Andre Lane), Everton Avenue, Delray Avenue, Crofton Avenue, Cressmont Avenue, and Woodall Drive at Crofton Avenue and Cressmont Avenue, Carrington Court, Ayleshire Drive and SOM Center at Blue Heron Drive.

**15. Sharondale Storm Sewer**

Restoration is complete.

**16. Derby Downs Drive Reconstruction**

Status unchanged. A pre-construction meeting was held July 23. The project has been postponed due to the lead time for concrete structures required for the project.

**17. City Hall Entrance Cul-de-Sac**

Paver color has been selected. Shop drawings are being submitted.

**18. Sherwood Culvert Replacement**

Work is substantially complete.

**19. Carter Street Reconstruction**

North side is nearing completion.

**20. Bainbridge Road Tree Planting**

Status unchanged. Project is substantially complete. Watering is on-going.

**21. Highpoint Drive, Miles Road and Wintergreen Drive Tree Planting**

Bids to be considered at the September Public Works Meeting.

**CAPITAL PROJECT UPDATE**

**A. Under Study and/or Design**

**1. Traffic Engineering Services**

GPD's contract was extended for 2 year, expiring May of 2020. Work is on-going as needed.

**2. Fire Station 1 Roof Replacement**

Status unchanged. Initial investigative work has been completed. A pre-design report has been submitted to the city by eS. Design plans are in progress.

**3. Community Center Building Envelope Repair**

Status unchanged. Investigative work is complete. Contracts for B&N have been signed and they have begun the design work.

**4. Community Center/Senior Center Parking Lot Expansion**

The Army Corps Permit required for the parking lot expansion is in its 30 day public comment period. The comment period ends September 24, 2018.

**B. Construction**

**1. Briar Hill Lake Dam**

Status unchanged. AE/Com (formerly URS) has to finalize the as-builts and the operation and maintenance manual. ODNR has to finalize the Emergency Action Plan. The Construction Project Administrator has followed up with both entities to finalize the project.

**2. Community Center Tennis Court**

The leveling coat and playing surface of Phase 2 are being installed.

**3. Salt Storage Facility Addition**

Work is underway.

**C: Mayor Kraus**

**Robert Pelunis, Ward 2 Council Representative**