

To: Public Works Committee
Safety & Public Properties Committee

Date: Month ending March 31, 2019

ENGINEERING DEPARTMENT UPDATE

RESIDENTIAL & COMMERCIAL REVIEWS AND PERMITTING

A. Summary of Permits

Type	March	2019 YTD	
	Submitted	Submitted	Issued
Residential Driveway	2	3	1
Sewer Tap	1	3	3
Erosion/Downspout	0	2	2
Heavy Load	3	5	5
Right of Way	1	16	16
Building Department (Commercial & Residential)	103	267	253
Totals	110	296	280

B. Commercial Construction Projects

1. Under Construction

- Brennan Industries
- Omni Senior Living
- Security Self Storage
- Discount Tire (Bainbridge Twp/Aurora)
- Omni HQ (Demo)
- Aldi (Demo)
- CVIC (Tree clearing)

2. Completed This Month

C. Preliminary Planning Meetings: 13

INFRASTRUCTURE PROJECT UPDATE

A. Under Study and/or Design

1. Solon Road Sidewalk Improvements

Status unchanged. An appraisal for the right-of-way acquisition at 32500 Solon Road was completed and was sent to the property owner. Discussions are on-going.

2. SOM/Cannon Intersection Improvements

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

3. Briarhill Culvert

Plans have been resubmitted by B&N for review by the City.

4. SOM/Aurora Intersection Improvement

Work is underway.

5. Sanitary Sewer Master Plan Update

The City has completed smoke testing in the Sherbrook Park Subdivisions. Violation letters have been sent out. Repairs have been made.

6. Engineering General Services

Work is ongoing as needed.

7. 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.

8. Twinsburg Widening of SR 91 - Phase II

Subgrade undercuts on the west side are underway and curb work will start in March.

9. Aurora Road Reconstruction Phase 1

The City met with ODOT on March 6th to program the project. The City also met with GPD on March 11th to go over comments.

10. Valley Forge Headwater Stream Restoration

Status unchanged. The Engineering Department has sent out a resident notification for the project. Chagrin River Watershed Partners is working on the contract documents. A resident letter was sent out.

11. Harper Road Corridor Traffic Evaluation

Status unchanged. GPD has been authorized to complete the Feasibility Study, Interchange Modification Study (IMS) and Safety Study to be submitted to ODOT. GPD completed survey work for the IMS. The IMS should be completed by the end of April.

12. Arbordale Reconstruction

The project is advertised for bid. Bid opening is scheduled for 4/5.

13. Fox Hill Storm Sewer Rehabilitation

B&N has been authorized to start design. Geotechnical work has been completed.

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

Plans have been reviewed and comments have been sent to B&N. The LPA agreement has been sent to ODOT for signature.

15. Bainbridge Road/Nestle Traffic Signal

Bids were opened on 3/22 and will be presented at the April Public Works Committee meeting.

16. Miles Road Culvert C12 Replacement (31499 w/ Orange)

Status unchanged. Village of Orange applied for OPWC grant funds and did not receive funding. The Village is on the Small Government OPWC list for potential funding. As a result, the Village will not bid the project until after July 1, 2019. The Village is proceeding with the design.

17. SOM Center/Pettibone Intersection Improvements

Engineering met with GPD to start design. Notices were sent out to the residents in the area regarding upcoming survey work. The survey work has been completed. GPD is working on preliminary alignments.

18. Bunker Hill/Independence Court Sanitary Sewer

Survey work is complete. B&N has submitted preliminary plans. Easement clearing is complete. Residents were notified.

19. Aurora Road Reconstruction Phase 2 (Liberty to east corp. line)

Status unchanged. GPD has been authorized to start the design.

20. Solon Road Reconstruction (Aurora to Bainbridge)

Status unchanged. The design work is on-going. The geotechnical work is complete.

21. Solon Road Reconstruction (Swagelok)

Status unchanged. The design work is on-going. The geotechnical work is complete.

22. Fire Hydrant Painting

Status unchanged. Plans and specifications are being prepared for the 2019 contract. Fire hydrant list has been compiled.

B. Construction

2017 Annual Contracts	Status
Construction Inspection Services	Work is on-going as needed.
Materials Testing	Work is on-going as needed for the treatment plant project.
2018 Annual Contracts	Status
Concrete Repair	The project close out is on the 4/1 Public Works agenda.
Asphalt Repair	Final quantities are being reviewed by the contractor.
Materials Testing	Work is on-going as needed.
Emergency and Miscellaneous Roadway Repair	Close out documents have been sent to the contractor
Sanitary and Storm Repair	Final quantities are being reviewed by the contractor.
2019 Annual Contracts	Status
Concrete Repair	Contract documents are being prepared for signature. A residents meeting is scheduled for 4/3.
Catch Basin Repair	Contract documents are being prepared for signature.
Street Striping	A pre-construction meeting has been scheduled for 4/5.
Preventative Maintenance	Schedule TBD
Asphalt Repair	Schedule TBD
Materials Testing	Contract documents are being prepared for signature.
Sewer Grouting	Schedule TBD
Emergency and Miscellaneous Roadway Repair	Work is on-going as needed.
Sanitary and Storm Repair	Work is on-going as needed.

1. 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.

2. Woods of Solon (SOM/Miles)

Status unchanged. Construction on the second and third buildings is underway.

3. Neptune Oval Estates

The developer is getting his permits in order. A new Army Corps of Engineers permit has been submitted. Update plans were submitted. The developer has resubmitted to the OEPA for their sanitary sewer permit and Cleveland water for their water permit.

4. Roxbury Storm Sewer Replacement

Status unchanged. As-built drawing has been requested.

5. SOM Center Retaining Wall/Fence

Status unchanged. Brick work is complete. Fence is being completed.

6. 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.

7. Sharondale Storm Sewer

Status unchanged. Restoration is complete. Contractor is addressing a grading issue.

8. Derby Downs Drive Reconstruction

Work is on-going.

9. City Hall Entrance Cul-de-Sac

Status unchanged. Work is substantially complete. Punch list has been prepared.

10. Carter Street Reconstruction

Spring restoration is underway.

11. Bainbridge Road Tree Planting

Status unchanged. A few trees needing replaced will be completed in the spring.

CAPITAL PROJECT UPDATE

A. Under Study and/or Design

1. Traffic Engineering Services

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

2. Fire Station 1 Roof Replacement

The project is advertised for bid. Bid opening is scheduled for 4/22.

3. Community Center Natatorium Exterior Masonry Repair

Bids were opened on 3/22 and will be on the 4/10 Safety & Public Properties agenda.

4. Community Center/Senior Center Parking Lot Expansion

Status unchanged. A meeting with Western Reserve Land Conservancy was held on Friday, November 2nd to discuss wetland mitigation. The 401 permit was submitted. City Council approved the Western Reserve Land Conservancy conservation easement amendment.

5. US 422/ SOM Center Beautification

Status unchanged. A mock up of the sign size has been placed in the interchange for comment. A work session was held with B&N and the Planning Department .

6. SOM Center Railroad Bridge

Status unchanged. The Planning Department is scheduling a meeting with the railroad to discuss a future beautification project.

7. Service Department Storage Building Roof Replacement

The A.W. Farrell quote was approved by Council.

B. Construction

1. Briar Hill Lake Dam

Status unchanged. ODNR has reviewed and submitted comments. URS is working on comments.

2. Community Center Tennis Court

Status unchanged. A change order will be prepared to submit to Safety & Public Properties for undercuts and base repairs. The City is waiting on the status of the poles.

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

Status unchanged. The Portz/Aurora signal was activated on January 3rd. The Harper/Bainbridge crosswalk has been relocated. The speed sign on Liberty has been installed. A punchlist has been prepared.

C: **Mayor Kraus**
Robert Pelunis, Ward 2 Council Representative