

May 22, 2017

James R. Fisher, PE
Borough Manager
Manheim Borough
15 East High Street
Manheim, PA 17545

Re: Borough Engineer's Report



LANCASTER CIVIL
★ ★ *engineering company* ★ ★
p.o. box 8972, lancaster, pa 17604-8972
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Dear Mr. Fisher:

Below please find my update for the upcoming Borough Council meeting regarding the work performed during the past month.

2017 Curb and Sidewalk Improvements: Worked with the Borough's Code Officer to answer questions and provide direction to property owners and their contractors as they work to perform repairs.

2017 Street Improvements: Work is currently scheduled to begin during the week of June 12th. The contractor will first mill and pave the areas to be patched. Then several weeks later, they will return to place the oil & chip applications. Approximately one week later, they will return to sweep any loose stones and add the fog seal. I created a notice for residents within the work zone and plan to deliver those this week.

Gramby Elementary: Reviewed three waiver requests and responded in writing. The requests were presented at the May Planning Commission meeting and recommended for approval. Created meeting minutes for the PC meeting.

Main Street Drainage Improvements: We are still awaiting official notification of a CDBG funding award. I followed up with utility coordination requests to MAWSA and UGI. Met with representatives from MAWSA to discuss utility conflicts. Approximately 15 water service lines are expected to need relocated. MAWSA has offered to provide materials (copper pipe, curb stops and curb stop boxes) if the Borough's contractor provides trenching and installation. (Our conceptual cost estimate included \$25,000 for utility relocation.)

MS4 Consulting: We are currently working on the Borough's 2017 Annual MS4 Report. We are also preparing the application and a Pollutant Reduction Plan (PRP) for the Borough's 2018 MS4 Permit. Our current schedule is to present the PRP at the 7/11 Borough Council meeting, with adoption at the 8/29 meeting.

Police Headquarters: Supervised the repair of a sinkhole within a swale near the carport structure. B.R. Kreider excavated nearly twenty (20) feet deep to bedrock (see attached photos). Large rocks were placed over the voids in the bedrock with the remainder of the hole filled with progressively smaller rock. The existing pipe was repaired with waterproof joints.

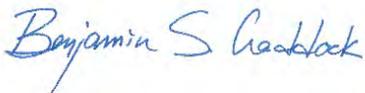
Seeding still needs completed. This work will require a change order to their agreement with the Borough.

Market Square Signal Damage: The shop drawings have been approved for the replacement pole near the Fulton Bank. We are currently awaiting fabrication of the pole and mast arm. Worked with CM High to repair the pedestrian pole foundation near the Subway. The wooden pole and signal still needs removed at this location and we are following up with the contractor on that issue.

High and Main Street Repaving (PennDOT): Reviewed PennDOT's proposed scope of work for repaving and ADA ramp work on High Street. PennDOT is proposing to upgrade twenty six (26) ADA ramps along High Street. It is my understanding that the costs for work associated with ADA ramps crossing Borough streets would be approximately \$24,000; I am working to confirm this with PennDOT.

I trust that this report provides you with the information you need for the upcoming Council meeting; however please do not hesitate to contact me if you have questions or need additional information.

Sincerely,

A handwritten signature in blue ink that reads "Benjamin S. Craddock".

Benjamin S. Craddock, President

LANCASTER CIVIL

cc: Manheim Borough Council



Figure 1: Excavation for sinkhole repair at the Police Station. Bedrock pinnacles are visible.



Figure 2: Excavation has been backfilled to just below pipe.