

TOWNSHIP OF LOWER MERION

Public Works Committee

Issue Briefing

Topic: County Line Road Pump Station Improvements

Prepared By: Paul A. McElhaney, Director of Public Works

Date: March 29, 2019

I. Action To Be Considered By The Board:

Approve use of undesignated fund balance in the Sewer Fund to pay for pump and infrastructure improvements at the County Line Road Pump Station facility.

II. Why This Issue Requires Board Consideration:

Board approval is needed to move a portion of a project listed in the current Capital Improvement Plan for 2022 up to this current year and to utilize Sewer Fund reserve.

III. Current Policy Or Practice (If Applicable):

IV. Other Relevant Background Information:

While installing the new sanitary sewer lateral that would service One Ardmore Place the developer encountered several unidentified utility banks that obstructed the lateral and its potential tie in to the Mill Creek Pump Station via Lancaster Avenue as originally proposed.

Staff along with the Township Engineer evaluated several options to address the issue. At the completion of that review it was determined that rerouting of the outflow sewage to the County Line Road Pump Station facility via Cricket Avenue was the most viable option.

In reviewing the County Line Road Pump Station to verify if adequate capacity was available for the additional outflow from One Ardmore Place it was determined that adequate capacity existed but that the station during wet weather conditions already operates at near capacity of the current pumps.

The developer of one Ardmore Place contributed \$20,000 to offset the cost to rebuild the larger of the three pumps in the station which would have helped the wet weather performance. Subsequent analysis indicates it would be more prudent to install one new large pump rather than rebuild the existing large pump. This will give the station improved wet weather capacity but will also provide the station with redundancy.

In 2022 the plan would remain to upgrade the older large pump as well as the smaller auxiliary pump so the total pump station upgrade would be completed in two phases. The Township Engineer concurs that it would be prudent to move forward in the design and installation of the new large pump at this time to ensure performance and capacity at all times.

V. Impact On Township Finances:

The Sewer Fund would incur a drawdown of approximately \$150,000 of its fund reserves in 2019 -2020 rather than funding the entire project in 2022 at an estimated cost of \$450,000.

VI. Staff Recommendation:

Staff recommends advancing this partial project to 2019 to better address the pump station performance utilizing Sewer Fund balance.