

MEMORANDUM

To: Mr. David A. Lothspeich, Village Manager
Village of Long Grove

Fr: Mr. Geoffrey L. Perry, P.E. – Village Engineer

Date: March 5, 2020

Re: Additional Capital Projects
FY2020/2020 – FY2024/2025
Village of Long Grove

The Village's 5-Year Capital Improvement Plan (CIP) has recently been updated and circulated in DRAFT form for discussion. The CIP has been prepared with the Village's budget constraints in mind. There are a few projects that have been contemplated but are not included in the CIP for those budget constraints; those projects are further detailed below:

Old McHenry Road Pathway (Kildeer School to Illinois Route 22)

Our office recently updated the Engineer's Opinion of Probable Cost (EOPC) for this project, which totals \$1.6M in construction costs ±\$600k in engineering costs (assuming it needs to follow the federal process), for an all-in cost of \$2.2M. These costs are in 2020 dollars with a 4% annual inflation, to report anticipated costs in 2022.

The Village is using this EOPC in discussions and considerations for possible grant funding. Until a grant is received, this project is not included in the CIP due to overall cost and/or unknown Village portion of the costs.

Background:

The Village submitted this project for a 2011 Congestion Mitigation and Air Quality (CMAQ) grant. However, this project did not score well and was not awarded funding. As part of the 2011 efforts, preliminary engineering plans were completed. Prior to resuming efforts on this project, the Village should discuss the project and scope with the Lake County Division of Transportation (LCDOT) as the path will be located in their right-of-way. It is possible that LCDOT will need to be a project sponsor, or the like, on any grant application.

Illinois Route 53 Pathway (Schaeffer Road to Illinois Route 83)

Our office recently updated the Engineer's Opinion of Probable Cost (EOPC) for this project, which totals \$1.2M in construction costs ±\$450k in engineering costs (assuming it needs to follow the federal process), for an all-in cost of \$1.65M. These costs are in 2020 dollars with a 4% annual inflation, to report anticipated costs in 2022.

The Village is using this EOPC in discussions and considerations for possible grant funding. Until a grant is received, this project is not included in the CIP due to overall cost and/or unknown Village portion of the costs.

Background:

This pathway has been contemplated by the Village for some time. The Village received a Department of Commerce and Economic Opportunity (DCEO) Grant for a pathway in this area. However, the amount of the grant ±\$100k is insufficient to cover the costs of engineering or construction.

Although this path received a DCEO Grant, no preliminary engineering studies or plans have been completed. As no plans have been completed, the EOPC values should be considered conceptual.

Prior to initiating efforts on this project, the Village should discuss the project and scope with the Illinois Department of Transportation (IDOT) as the path will be located in their right-of-way. It is possible that IDOT will need to be a project sponsor, or the like, on any grant application.

Lake Michigan Water Connection (via Arlington Heights Road)

As part of the planning to extend the watermain into the downtown in 2016, the Village considered a connection to obtain Lake Michigan water. The considered connection would connect to the Buffalo Grove water system at Arlington Heights Road and Thompson Boulevard, extend north to 5119 Arlington Heights Road, and extend west to the water treatment plant. The EOPC for this extension was \$2M.

Buffalo Grove obtains their water as a member of the Northwest Water Commission (NWWC). In the initial stages of the discussions, the NWWC would allow Long Grove to connect as described above and purchase water from one of their members. However, that position changed in 2018 and the project was removed from the CIP. There have been no discussions with the NWWC or Buffalo Grove regarding the water connection since 2018.

Stemple Parking Lot Reconstruction

The Stemple municipal parking lot is deteriorating and is in need of improvement. The reconstruction of the Stemple parking lot was previously included in the CIP with a total cost of \$1.3M (publicly and privately-owned portions). However, the project was removed from the CIP due to budget constraints and ownership discussions.

Due to recent changes in the Illinois ADA Code and increase in construction costs, it is estimated the reconstruction of the parking lot could cost \$2M. Our office is currently obtaining pavement cores to confirm the pavement section and subgrade condition. These will allow our office to evaluate the reconstruction strategy and prepare up-to-date costs.