

TOWNSHIP OF LOWER MERION
Finance Committee
Issue Briefing

Topic: CIP Supplemental Projects for Board Consideration

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Date: November 8, 2019

I. Action To Be Considered By The Board:

Provide input to Township staff whether the identified projects should be included in the proposed CIP and if so in what year.

II. Why This Issue Requires Board Consideration:

The Board annually reviews the proposed CIP and offers direction to staff in its final preparation.

III. Current Policy Or Practice (If Applicable): N/A

IV. Other Relevant Background Information:

In preparation for the 2020-2025 CIP staff has been asked to evaluate and provide cost estimates for several projects that had been brought forward through the special project's consideration list or through specific Commissioner request. Below is a summary of each of these projects and preliminary cost estimates associated with each project to assist in considering their placement in the Capital Improvement Plan. At this time no outside monies or grants have been identified to offset the Township contribution to these projects.

BC-3 Bala Cynwyd: E Levering Mill Road Pedestrian and Bicycle Safety Improvements between Conshohocken State Road and Belmont Avenue

Provide pedestrian and bicycle safety improvements along E Levering Mill Road between Conshohocken State Road to Belmont Avenue in multiple phases: Phase 1: Revise roadway pavement markings for 8' wide parking lane on north side of E Levering Mill Road (near Oxford Road to Cambridge Road) with a 10' wide shared-travel-lane in each direction, including fog line to establish new curb line and sharrows. (Note: The south side of E Levering Mill Road to be reserved for future phase of verge and sidewalk improvements.) Install delineators along north side of E Levering Mill Road from Cambridge Road toward Belmont Avenue to connect to the existing sidewalk. Phase 2: Upgrade intersection of E Levering Mill Road and Belmont Avenue, including new mast arms, signal, video detection, emergency pre-emption, pedestrian signal heads, and pushbuttons; signing and pavement markings; regrading; replacement and upgrade of the ramps and associated portion of sidewalks to be ADA compliant; and curb replacement. Phase 3: Connect and extend the sidewalk along the south side of E Levering Mill Road, near

Levering Circle to Belmont Avenue. The work includes but is not limited to: site clearing; regrading; placement of 1,300 linear feet of 5' wide ADA compliant sidewalk with 2' wide verge; reconstruction of driveway aprons; construction of ADA compliant ramps and crosswalks; and restoration. Note: Increasing the proposed 2' wide verge to 5' wide will require additional work, including tree removal and utility pole relocation, and therefore, would increase the cost shown below by an additional \$100,000. It is anticipated that the proposed improvements can be performed with the existing right-of-way. Therefore, the preliminary order of magnitude estimate does not include acquisition of right-of-way nor temporary construction easements

Phase 1-3	Total
Design & Inspection	\$170K
Construction	\$755K
Total	\$925K

Funding source	Total
Lower Merion	\$925K

WYN-1 Wynnewood: E Wynnewood Road & Bowman Road

Connect and extend the sidewalk along E Wynnewood Road to Bowman Avenue across the following five properties: 516 Wynnewood Rd; 522 Wynnewood Rd; 801 Wickfield Rd; 800 Wickfield Rd; and 801 Bowman Ave. The work includes, but is not limited to: tree removal; site clearing; removal of existing stone retaining walls, wood fences, and chain-link fences; regrading; placement of 570 linear feet of 5' wide ADA compliant sidewalk with 4' wide verge up to the intersection; reconstruction of three driveway aprons; construction of ADA compliant ramps; construction of 260 linear feet of 3'+/- high retaining wall; installation of 220 linear feet of fence; new trees and plantings; and restoration.

The project also includes the upgrade of the intersection at E Wynnewood Road (SR 3044) and Bowman Avenue, which consist of: new mast arms, signal, video detection, emergency pre-emption, pedestrian signal heads, and pushbuttons; signing and pavement markings; regrading; replacement and upgrade of the ramps and associated portion of sidewalks to be ADA compliant; and curb replacement. The available right-of-way width along this section of E Wynnewood Road varies from 1' to 12' behind the curb. Therefore, the preliminary estimate also includes acquisition of right-of-way for the sidewalk and temporary construction easements for the reconstruction / restoration of the retaining walls and fences impacted by the sidewalk construction.

As an alternate to the aforementioned proposed sidewalk extension and intersection upgrade, a mid-block crossing may be permitted on E Wynnewood (near Kenilworth Road), where there is existing sidewalk on both sides of the road, at a lower project cost of \$200,000 to \$300,000, pending approval from PennDOT

Project	Total
Design & Inspection	\$180K
ROW Acquisition & TCE	\$100K

Legal Support	\$20K
Construction	\$900K
Total	\$1,200K

Funding Source	Total
Lower Merion	\$1,200K

VIL-1 Villanova: Sidewalk on County Line Road from N Spring Mill Road to Clairemont Road

With the 2018 opening of Stoneleigh, pedestrian and vehicular traffic has increased in this area. Since there is no sidewalk along County Line Road between Spring Mill Road and Clairemont Road, residents are forced to walk on County Line Road, a major thoroughfare and one which the Lower Merion Police Department cited for an abundance of speeding issues. This proposed sidewalk on the east side of County Line Road, planned for 2021, would help connect the community with Stoneleigh, Villanova University, the SEPTA regional rail, and upcoming Villanova Middle School.

The proposed sidewalk would be along the following three properties: 1829 County Line Road (Stoneleigh); 1853 County Line Road; and 301 Clairemont Road. The work includes but is not limited to: tree removal; site clearing; removal and reinstallation of existing fences, statue, and signage; regrading; placement of approximately 1,600 linear feet of 5' wide ADA compliant sidewalk with approximate 4' wide verge; curb replacement; reconstruction of driveway aprons; construction of ADA compliant ramps; new trees and plantings; and restoration. The project will require coordination with Natural Lands, Lower Merion School District, Villanova University, and adjacent private property owners where the sidewalk is planned.

The project also includes the upgrade of the intersection at County Line Road and N Spring Mill Road (planned for 2020), which consist of: new mast arms, signal, video detection, emergency pre-emption, pedestrian signal heads, and pushbuttons; signing and pavement markings; regrading; replacement and upgrade of the ramps and associated portion of sidewalks to be ADA compliant at three corners (one corner was previously upgraded); and curb replacement. Please note that the preliminary order of magnitude cost to widen the intersection and provide left turn lanes at each approach would increase the cost shown below by an additional \$600K to \$800K.

Project	Total
Design & Inspection	\$160K
Construction	\$880K
Total	\$1,040K

Funding Source	Total
Lower Merion	\$1,040K

VIL-3 Villanova: Sidewalk on Montgomery Avenue (West Side) from Clairemont Road to the New Middle School

Install sidewalk along Montgomery Avenue from Clairemont Road to new Villanova Middle School (1860 Montgomery Ave) along the following three properties: 444 Clairemont Rd; 1840 Montgomery Ave; and 1850 Montgomery Ave. The work includes, but is not limited to: tree removal; site clearing; removal and reinstallation of existing fences; regrading; placement of approximately 550 linear feet of 5' wide ADA compliant sidewalk with 5' wide verge; reconstruction of driveway aprons; construction of ADA compliant ramp at northwest corner of Montgomery Avenue and Clairemont Road; limited curb replacement; new trees and plantings; and restoration. The available right-of-way width along this section of Montgomery Avenue varies from 3' to 20' behind the curb. Therefore, the preliminary estimate includes acquisition of right-of-way at 1850 Montgomery Ave.

Project	Total
Design & Inspection	\$40K
ROW Acquisitions & TCE	\$45K
Legal Support	\$5K
Construction	\$200K
Total	\$290K

Funding Source	Total
Lower Merion	\$290K

VIL-4 Villanova: Sidewalk on Montgomery Avenue (East Side) from Spruce to the New Middle School Traffic Light

Install sidewalk along Montgomery Avenue from Spruce Road to new traffic signal across from the new Villanova Middle School (1860 Montgomery Ave). The work, primarily located along 1851 Montgomery Avenue, includes, but is not limited to: tree removal; tree relocation; site clearing; removal and reinstallation of signs; modification to existing guy wire; regrading; placement of approximately 260 linear feet of 5' wide ADA compliant sidewalk with 3' wide verge; construction of ADA compliant ramps; limited curb replacement; new trees and plantings; and restoration.

Project	Total
Design & Inspection	\$20K
Construction	\$90K
Total	\$110K

Funding Source	Total
Lower Merion	\$110K

VIL-5 Villanova: Sidewalk on Clairemont Road (from Montgomery Avenue) and Stone Ridge Lane (to future school field)

Install sidewalk along south side of Clairemont Road (from Montgomery Avenue) and east side of Stone Ridge Lane to the future school field along the following eleven properties: 401, 407, 411, 415, 419, 423, 427, 433, 439, 443, and 447 Clairemont Rd. The work includes, but is not

limited to: limited tree removal; removal and reinstallation of existing mailboxes and signs; regrading; placement of approximately 1,600 linear feet of 5' wide ADA compliant sidewalk with 4' wide verge; reconstruction of driveway aprons; construction of an ADA compliant ramp at southwest corner of Clairemont Road and Montgomery Avenue; curb replacement; new trees and plantings; and restoration.

Project	Total
Design & Inspection	\$50K
Construction	\$255K
Total	\$305K

Funding Source	Total
Lower Merion	\$305K

Villanova: Mt. Moro Sewer Extension

Township to contribute monies to the private sewer force main installation on the seven hundred block of Mt. Moro Rd. These funds would pay for installation of laterals, check valves, stub, cap, ball valve and valve box extended into the right of way of all properties not participating in the private construction project at this time. This provisional work is being done to avoid future road openings and disturbances. All residents that do not tie in when the sewer main is extended and receive stub connections within the right of way will be assessed for their portion of that work to allow the Township to recoup those funds. All construction and construction management to be handled by a community representative.

Phase	Total
Construction	\$40 to \$50K
Total	\$40 to \$50K

Funding Source	Total
Lower Merion	\$40 to \$50K

V. Impact On Township Finances:

Inclusion of all listed projects into the proposed CIP would add additional \$3,920,000 of expenses.

VI. Staff Recommendation:

Board of Commissioners to determine if any of the proposed additional projects warrant inclusion in the CIP.