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Joseph W. McMahon, P.E.

MEMORANDUM

TO: Richard Manfredi, Abington Township

FROM: Anton Kuhner, P.E.

DATE: April 22, 2019

RE: Jenkintown-Abington Pedestrian and Stormwater Improvement Projects
Project Status and Approach
McMahon Project No. 817507.2B

As requested, McMahon is providing a project status and approach for the pedestrian and stormwater improvements located along the Washington Lane, Greenwood Avenue, Jenkintown Road and Meetinghouse Road within Jenkintown Borough and Abington Township. The improvements include the following:

1. Installation of stormwater pipes and inlets along Washington Lane from West Avenue to Greenwood Avenue and along Greenwood Avenue from Washington Lane to west of Jenkintown Road. The pipes will be sized for future connections from Jenkintown Borough.
2. Installation of a mid-block pedestrian crossing and pedestrian flasher along Greenwood Avenue at the existing Abington Friends School trail. Sidewalks will also be installed along the south side of Greenwood Avenue to provide a pedestrian access route from Jenkintown Borough to the proposed crossing.
3. Installation of curbing and sidewalk along the west side of Washington Lane from West Avenue to Autumn Road, including the necessary storm drainage facilities.
4. Installation of a ten-foot (10') wide multi-use path along Washington Lane and Greenwood Avenue \ Jenkintown Road from West Avenue to Meetinghouse Road.
5. Installation of a path connection from the Alverthorpe Park trail to the trail located along Fox Chase Road.
6. Installation of new traffic signal equipment and ADA ramps at the intersections of Washington Lane \ Greenwood Avenue and Jenkintown Road \ Meetinghouse Road. Widening at Jenkintown and Meetinghouse for left turn lanes on Jenkintown Road and a right turn lane on Meetinghouse Road, as well as, closure of Greenwood Avenue.

These improvements are being funded through multiple grant programs with each program having separate requirements. The following grants have been awarded to the Township:

Grant	Grant Award	Improvement (from list above)
Transportation Alternative Set Aside Grant	\$715,000	Items 4 and 5
DCED Multimodal Transportation Fund	\$1,000,000	Items 1, 2, 3
Green Light Go	\$428,560	Item #6
Montco County Transportation Program	\$53,570	Item #6

In evaluating the project in its entirety and considering the grants, permitting requirements, property owner coordination, etc., it appears the best approach is to divide the project into four separate construction phases. These recommended phases are as follows:

- Phase 1 - Stormwater pipe installation along Washington Lane and Greenwood Avenue and Greenwood Avenue sidewalk and pedestrian crossing. (Item #1 and 2)
- Phase 2 - Trail installation along Washington Lane and Greenwood Ave and Fox Chase Road connection (Items 4 and 5)
- Phase 3 - Sidewalk and associated stormwater installation along Washington Lane, from Newbold to Autumn (Item 3)
- Phase 4 - Roadway Widening at Jenkintown and Meetinghouse, closure of Greenwood, and signal upgrade at Washington and Greenwood. (Item 6)

Phase 1 – Stormwater Improvements

Permitting	<ul style="list-style-type: none"> • These improvements will require a PennDOT Highway Occupancy Permit • A NPDES permit is likely not required for this improvement
Utilities	<ul style="list-style-type: none"> • Preliminary Subsurface Utility Investigation will be necessary to determine if utility relocations are required
Right-of-Way	<ul style="list-style-type: none"> • All work is anticipated to be within Public Right-of-Way
Timeline	<ul style="list-style-type: none"> • PennDOT HOP permitting anticipated to take 3-4 months • First submission anticipated by mid June • Targeting Construction for Fall/Winter 2019

Phase 2 – Trail Installation

Permitting	<ul style="list-style-type: none"> • Due to Federal Funds, project must follow the PennDOT Project Delivery Process • A NPDES permit is likely required for this improvement and Post Construction Stormwater Management will be necessary
Environmental Clearance	<ul style="list-style-type: none"> • Due to Federal Funds, environmental clearance is required. • Scoping Field View Approval for environmental clearance obtained • Commenced work on Environmental Clearance
Utilities	<ul style="list-style-type: none"> • It is anticipated that utility relocation will not be necessary
Right-of-Way	<ul style="list-style-type: none"> • Majority of work is anticipated to be within Public Right-of-Way • Temporary construction easements will be needed from Abington Friends School for construction near entrance onto Washington Lane.
Timeline	<ul style="list-style-type: none"> • PennDOT Project Delivery Process to take 12-18 months • Project must be bid by August 2020, per grant requirements • Anticipate Construction for Fall 2020 to Spring 2021

Phase 3 – Sidewalk Installation

Permitting	<ul style="list-style-type: none"> • No PennDOT Permitting required • A NPDES permit is likely not required for this improvement.
Utilities	<ul style="list-style-type: none"> • Preliminary Subsurface Utility Investigation will be necessary • It is anticipated that utility relocation will not be necessary
Right-of-Way	<ul style="list-style-type: none"> • Temporary construction easements and/or sidewalk easements will be necessary
Timeline	<ul style="list-style-type: none"> • Design anticipated to be completed by Summer\Fall 2019. • Property Owner coordination will dictate when construction can commence • Anticipate construction for Spring 2020, due to property owner coordination

Phase 4 – Washington\Greenwood and Jenkintown\Meetinghouse

Permitting	<ul style="list-style-type: none">• These improvements will require a PennDOT Highway Occupancy Permit• A NPDES permit is likely required for this improvement and Post Construction Stormwater Management will be necessary.
Utilities	<ul style="list-style-type: none">• Preliminary Subsurface Utility Investigation will be necessary• It is anticipated that utility relocation will be necessary. Utility poles along Meetinghouse Road will need to be relocated
Right-of-Way	<ul style="list-style-type: none">• Temporary construction easements and utility easements may be necessary.
Timeline	<ul style="list-style-type: none">• PennDOT HOP permitting anticipated to take 8-12 months• First submission anticipated by end of June• Targeting Construction for Summer 2020

Our office has commenced work on this project. The topographic survey for the entire project has been completed and preliminary design for the entire project is underway. As noted above, it is anticipated to split the project into four separate phases due to permitting and grant requirements. In order to progress this project, below is the next two to three month outlook for work that is necessary to be completed:

Phase 1

- Preliminary design \ layout – anticipate completion within four weeks
- Perform Subsurface Utility Investigations for stormwater pipe installation
- Prepare and submit HOP application for Phase 1 by mid June

Phase 2

- Preliminary design \ layout – anticipate completion within four weeks
- Continue Environmental Clearance Activities
- Prepare and Submit Safety Review Submission to PennDOT by August

Phase 3

- Preliminary design \ layout – anticipate completion within four weeks
- Identify Property Owner Impacts

Phase 4

- Preliminary design \ layout – anticipate completion within four weeks
- Prepare and Submit traffic analysis to PennDOT for Greenwood Avenue Closure

We hope this provides the necessary information for the Township. If you have any questions, please contact me at your convenience.

Attachment

AKK/smd

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