



FOUR MILE RUN (4MR) WEEKLY MEETING

April 16, 2019

CEC Project 174-960

MEETING MINUTES

Attendance:

Alex Sciulli (AS), Jim Turner (JT), Tim Nuttle (TJN), Chris Remley (CJR), Pat Sullivan (PJS), Ingrid Pearson (IMP)

Purpose:

The purpose of this meeting was to discuss project updates and plans for upcoming and continued work on the Four Mile Run (4MR) Stormwater Improvement Project. Action items are marked with a diamond (◆).

Engineer's Opinion of Costs

1. CEC is in the process of refining the cost estimates.
 - a. Draft submittal due at close of business.
 - b. Breakout costs for alternatives in the Preliminary Design Memorandum (PDM).
 - c. Drawings will show the breakout areas.
2. AS requested that site drawings and summaries of the 12 alternatives be included with the cost estimates.
 - a. Summaries should explain:
 - i. What's at stake,
 - ii. Why it's included, and
 - iii. Needs and wants.
3. PJS stated that, after the costs opinion, CEC will need to review the PDM and design drawings and make revisions.
 - a. AS asked that the revisions reference the original PDM and that the final version should be one document, with all changes included.

PennDOT Coordination

1. Model runs will show interstate runoff impacts.
 - a. Additional Model runs will show only the parkway contributions for each storm event.
 - i. Will run with 9 acres of parkway in local area, then 32 acres of roadway to include entire watershed.
 - ii. The end result will show current conditions, highlighting the parkway contributions.
 - b. JT stated that flooding is usually measured in gallons and asked if there is a way to show the flooding and backups differently.
 - i. AS suggested that dollar amounts could be used.
 - ii. TJN proposed that a 2D model could be displayed and a concept and cost could be prepared.
 - c. PJS stated that some of the flooding issues are caused by a combination of inlets, manholes, etc, that are clogged; runoff from the parkway that isn't directed properly; and a sewer system that was not designed to take the parkway runoff.

- d. AS stated that it is possible to ask PennDOT to share the immediate costs of remediation to eliminate the flooding problem, and then later address cost sharing for the larger area.
- e. TJN said that he had discussed the flooding issues with Councilman Corey O'Connor at a prior meeting, and the flooding could be considered a public health issue.
 - i. AS stated that he may include this scenario in the meeting discussions.
- f. CEC will create some concepts and costs for the meeting on the 25th.
 - i. AS had requested information from Mott MacDonald by the 22nd for review.
 1. ♦CEC will also send the information for review by the 22nd.

Early Action Items

1. Could potentially install green infrastructure along Bridle Trail and in golf course areas.
 - a. Would benefit the project area later and publicly show progress.
 - b. AS stated that Corey specifically mentioned construction on the Bridle Trail to alleviate basement backups and flooding in the Run.
 - c. PJS stated that CEC could create design-build plans and direct construction to avoid a lengthy process with detailed design drawings.
 - i. TJN stated that PWSA typically does not accept design-build plans.
 - ii. AS stated that PWSA doesn't have enabling legislation for design-build, but the plans would be considered something else.
 - iii. AS requested the CEC concepts for review and will present to the Mayor's office.

Construction Phasing for areas that don't require PADEP permits

1. PJS stated that there are possible areas along the Bridle Trail and other areas that would not need to be included in the JPA and could move forward with other permit approaches.
2. There have been two PADEP meetings (spring 2018 and fall 2019) for the project.
 - a. AS requested scheduling a meeting with PADEP in about 6 weeks, to help with decision-making before moving forward.
 - i. AS mentioned that PWSA meets with PADEP regularly for water quality.
 - ii. ♦TJN will coordinate with Linda Zug (CEC) to set up the meeting.
 - iii. TJN stated that the response from PADEP at the last meeting that they didn't need to meet again and the best way for them to provide further feedback was by reviewing the JPA when it is submitted.

Geotechnical Boring Plan

1. Geotechnical boring in Junction Hollow, Saline St, and Hazelwood Green.
 - a. CEC is finishing the boring plan preparation.
 - b. Concept Drawings will show the scope of work.

Design Criteria Alternatives (DCA) 1-3 Response Memorandum:

1. Mott MacDonald prepared responses that will be included with CEC responses.

Public Outreach

1. Elijah Hughes is coordinating w Jake Pawlak and Michael Baker for public outreach efforts.
 - a. Meetings will be scheduled for May and June.

Additional items

1. AS requested a separate meeting to discuss the change orders, possibly, at the beginning of May.
2. AS stated that the Heinz Foundation hired Howard Neukrug (past Philadelphia Water Commissioner) to review the project.
 - a. AS told them that PWSA will be transparent, provided materials for Howard to review, granted read-only eBuilder access to Howard, and requested feedback.
 - b. TJN responded that CEC can provide any needed information.