



Meeting Notes

Committee Meeting #7

October 9, 2014 5:00-7:00 p.m.

Town of Wallkill Town Hall, Building A, Wallkill, NY

Attendance:

Town of Wallkill Committee:

Robert Beemer
Inder Kumar
Sal Lucido
Neil Meyer
Frank LoSauro

New York State Dept. of State:

Lisa Melville

Tetra Tech, Inc.:

Emily Slotnick
Russ Dudley (phone in)
Susan Roth

New York Rising Program

Lori DuBord

Town of Wallkill

John Lippert, Deputy Commissioner/Highway
Superintendent

Agenda Item: Welcome/Meetings

Presenter: Tetra Tech/Slotnick

Summary of Discussion:

1. The committee was welcomed to the meeting.
2. The next step in the process is to create the benefit and cost analysis of the projects. The purpose of today's meeting is to narrow down the list of projects to include in this analysis. The selection of the projects for the final plan will be driven by the analysis conducted by the Hydraulic Engineers, the cost/benefit analysis, and the committee's needs, opportunities, and strategies previously identified through the planning process. This cost benefit analysis will be completed and presented in the plan.
3. The first draft of the plan is due in November. More fully developed project descriptions will be included in this submission. It will also describe the community involvement in the plan, and how the committee has engaged the public.
4. Public Engagement Meeting #3 is set for Monday November 10th at 7:00 P.M. There was a discussion of advertising and outreach materials that have been prepared. There was also a short discussion of the meeting's agenda, and the role of the committee, and how the projects would be presented to the public.
5. Public Engagement Meeting #4 will need to be conducted before January 16, and the committee will decide on a proposed date at the next committee meeting. The purpose of this final public engagement meeting is to present the completed plan to the public.
6. The next committee meeting is Thursday, October 23 at 5:00 at the Town Hall.
7. The committee revised the schedule to allow the Committee meeting that is scheduled on Thursday, November 13 to be changed to Thursday November 20th.

8. Lori DuBord announced that she is in the process of setting up a joint meeting with the committee members to discuss green technology with representatives from the State NYSERDA program and other technical experts.

Action Items: NA

Person Responsible:

Due Date:

Agenda Item: Preliminary Project list

Presenter: Tetra Tech/Slotnick

Summary of Discussion:

1. A preliminary project list was provided by Emily Slotnick. This list was updated and expanded upon from the previous discussion to include preliminary descriptions. Russ Dudley provided a preliminary hydraulic analysis of several projects that are under consideration by the committee as part of the overall discussion. Below are notes on specific projects included in this committee discussion.
2. There was difficulty obtaining models for the Hydraulic HEC/RAS study in Wallkill. The information was outdated or not detailed enough to build effective models for most parts of town. He explained that the analysis for those areas without modelling available is based on other methods of study, such as field observations, review of past reports or plans, and general professional knowledge.
3. The committee also has the opportunity to select two projects for illustration by the landscape architecture team.
4. Channel Day-lighting and Riparian Improvements between 280 NY 211 and Lloyds Ln. and Shoprite Plaza: This area has been subjected to serious flooding. The cause of the flooding is related to the design of the outlet and the ability to keep debris clear, as well as past development in and around the floodplain. Modifications of this drainage system extend into an adjacent parking area and improve the ability of the water to flow smoothly into the culvert. In order to assess the viability of this project more detailed study will be needed. The cost benefit analysis should include information on the businesses that would be affected.
5. Winding Brook Floodplain Improvements: There are several homes in Scotchtown affected by Winding Brook that have been subject to repetitive flooding. The committee discussed the options available to help improve the impact on the neighborhood, stabilize water and sewer mains that are often exposed when roads wash out as a result of flooding. Many of the culverts are undersized and in bad condition. The committee wanted to know if improvements in this area would lead to downstream impacts. They also noted that storage opportunities upstream may help reduce impacts if one could be located. It was suggested that low impact changes could be made (rain barrels, rain gardens, etc.) to keep more water upstream of this area might be of benefit and could be addressed as code change. The town applied for a grant for this area, which is still under consideration. In addition there is a proposed subdivision upstream of this area called Hasbrook Heights that may be an opportunity to create water retention and send water towards the Palisades property instead of Winding Brook.
6. Prosperous Valley Spillway study and upgrades: There are two spillways in this area. The Prosperous Valley spillway was breached and water no longer ponds. Jay Lake is a private lake that drains into a concrete spillway under a Town Road. Further study is needed to determine the impact of

improvements. The committee felt that the study could remain on the proposed project list, but the improvements would not be proposed because of the need to coordinate with private owners. The study should address which properties would be affected if Jay's Lake dam failed.

7. Water and Sewer Treatment Plant Flood Mitigation Measures: This project is a priority because it protects the public water and sewer supply. The project has more detail because of available information from past FEMA Project Worksheets. The committee members had a general discussion of the project, and whether or not infrastructure should be protected to the 500 year storm level. The town has elevation information on each of the critical facilities available for use in the analysis.
8. Silver Lake Flood Storage and Public Accessibility: The committee discussed the opportunities and challenges related to lowering Silver Lake permanently to create storage capacity. Two alternatives would be explored; the first would be to permanently lower the elevation of Silver Lake by 2 feet and the other to lower Silver Lake as a temporary precaution prior to a storm. The committee will invite representatives of the homeowners to the meeting to get their feedback.
9. Fredrick's Farm Stormwater Storage and Public Park: The hydraulic engineering team did a preliminary analysis on this project. The project would not significantly impact flooding in vulnerable areas downstream as much as it was hoped. The project will be moved to an additional resiliency section, since there is public benefit to the project, and could potentially improve water quality while also providing some level of flood storage locally.
10. There were several projects left to discuss on the list. The committee will continue the discussion over email and at the next committee meeting.
11. Decision/Motions/Votes: N.A.

Action Items:	Person Responsible:	Due Date:
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Decision/Motions/Votes: N/A

End of Meeting Notes