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## TOWNSHIP OF FERGUSON

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TO: David Modricker, Public Work Director  
FROM: Ron Seybert, Township Engineer  
DATE: January 10, 2019  
SUBJECT: 2018-C20 Park Hills Drainageway Design  
Initial Public Meeting Summary

On Wednesday January 9, 2019, an initial public meeting was held for 2018-C20 Park Hills Drainageway Design Project. The meeting was held in the main meeting room of the Ferguson Township Building at 7:00 PM and lasted slightly over an hour.

Property owners that abut the drainageway were invited to the meeting by letter in the mail, and the Board of Supervisors were copied on the invitation. Of the 28 properties along the drainageway, about 12 properties were represented by approximately 16 attendees. One Board member also attended the meeting.

The PowerPoint presentation that was used during the meeting is included for reference. The meeting was informal, and we were fortunate to have an attentive and engaging gathering of residents. Below is a summary of noteworthy items raised by the attendees to help inform the design.

1. In addition to sediment being created within the drainageway, there is sediment that washes into the drainageway from upstream in Patton Township. The drainageway design should consider effects of upstream sediment deposit on the step pool design.
2. The step pool design creates areas where water is collected and allowed to stand. The pools need to be designed in a manner that will assure the pools do not stand with water for more than 72 hours. The soil medium or underdrain needs to be designed to accommodate.
3. Existing trees will be preserved as much as possible. New plantings along the drainageway will include species and varieties that are consistent with riparian buffers.
4. Multiple residents noted that neither Princeton Avenue or Park Hills Avenue have been overtopped with stormwater since the new pipes/culverts were installed. (Post meeting note: the 48" HDPE under Princeton Drive was installed in 2008 and the 10'x3' pre-cast box culvert was installed under Park Hills Avenue in 2003.)
5. Given the populated area next to the drainageway, the adjoining resident proximity should be considered so the step pools don't become a safety concern.
6. A few property owners along the drainageway worked to document that their

homes were not within the floodplain and are willing to share information with the Township. NTM will contact their consultant to request the information.

7. The concept of creating a hiking trail along the length of the project was introduced. While the project is in construction, a construction access path will be created that could easily be converted to a hiking trail within the open space.
8. Two residents provided written comment forms.
9. One resident provided a DVD with videos of flooding events behind his home located on Penrose Circle.
10. One resident on Princeton Drive since 1967 indicated that his home has never flooded. During Hurricane Agnes in 1972, the water came within about 25 feet of his home.
11. Some adjoining property owners who could not attend the meeting provided e-mails that were responded to.

Attachments: PowerPoint Presentation