

Pierson-Greenhaven Storm Drainage Improvement Project
Public Meeting #2
November 12, 2013
6:30 P.M.

Harold Smith, the City Stormwater Services Project Manager, welcomed the attendees and introduced Doug Lozner (City Stormwater Services) and Karl Dauber and Rob Green (Parsons Brinckerhoff, consultant for the City).

Harold then explained that this was the second public meeting and that the purpose of this meeting was to explain the alternative analysis portion of the project and describe the selected alternative. Harold also gave a brief history of the project.

Karl Dauber, the Project Manager for Parsons Brinckerhoff (PB), then described the overall project area. Karl explained that there were 9 parcels with potential flooding to structures under existing conditions: two parcels upstream of Creek A, four parcels at the downstream end of Creek A, and three parcels adjacent to Ditch B. Karl also described the potential areas of street flooding: Pierson Drive at Creek A, Winfield Drive at Creek A, and Winfield Drive at Ditch B. Karl then discussed the deteriorated condition of the pipes in systems 1 and 3.

Karl explained the proposed improvements in the Selected as follows:

1. Bypass Ditch B flows down Winfield Drive & abandon System #2 outfall to Creek A
 - Eliminates flooding of properties along Greenhaven Lane from ditch overflow
 - Takes flow out of Creek A
 - Eliminates overflow to low point on Pierson Drive
2. Bypass Flow from “System 3” on Winfield Drive to Pierson Drive & abandon outfall to Creek A
 - Takes flow out of Creek A
3. Disconnect systems in Pierson Drive from main culvert, provide separate outfalls to Pierson Pond
 - Makes the existing culvert under Pierson Drive work better.
4. Improve headwall at Pierson Drive culvert
 - Makes the existing culvert under Pierson Drive work better.
5. Upgrade system under Winfield Drive (System 1) to meet City standards
 - Eliminate potential street and property flooding
6. Add inlets along Pierson Drive and Winfield Drive
 - Reduce spread of water on roads during storms

Harold explained that PB will now proceed with detailed design of the Selected Alternative. At the time of 70% plan submittal by PB, a third Public Meeting will be called to show the design to the residents and kick-off the real estate phase of the project, where the City approaches homeowners for easements and special provisions. After that, the project will go to 100% plans, bidding, and then construction. Harold indicated that it will be at least 24 months until construction commences.

The attendees were then invited to ask questions about the Selected Alternative. The following summarizes the discussion:

1. What happens with Ditch B?

The only runoff in Ditch B will be from the church property. The flow from Albemarle Road is going to be re-routed into the new trunk line. Therefore, Ditch B will be sufficient with the significantly reduced flow. Therefore, no work is proposed for Ditch B.

2. Are we connecting directly to the outfall from Albemarle (at Ditch B)?

No, a small portion of ditch B will remain. The runoff will be intercepted at Winfield Drive.

3. Has the Design Team considered utility conflicts?

Yes. The design team looked at existing utility conflicts such as gravity sewer, water, and gas. Utility relocations will be designed in the next phase of the project after test holes are performed for the existing utilities to determine more precise locations and elevations.

4. How much of the flow is removed from Creek A?

It is a significant enough reduction to allow Creek A and System 4 to function properly.

5. How will the new headwall in Creek A look?

The headwall design will be completed during the 70% design phase of the project.

6. Does the City own Pierson Pond? Can the pond hold additional flow?

The City does not own the pond, but they do have an easement around the pond. There is very little additional flow to Pierson Pond, which is due to the Future Condition Design, and the pond can handle the extra flow.

7. How much water in Ditch B is Public Water vs. Private Water [Existing Conditions]?

That number is not determined, but could be calculated if necessary. However, most of the water is coming from the pipes under Albemarle Road.