



Meeting Minutes

Country Club Study Area Open House

Date and Time of Meeting: August 31, 2017, 7:00 PM

Location: City Hall

Attendees: See sign-in sheet for attendance

Mike Magnuson began by introducing himself and the other staff members present. He outlined the process of identifying solutions for the flooding issues in this area. He said that the purpose of the meeting is to meet with the residents and listen to their issues. He said the residents live out there, and are more attuned with the issues of the area

Mike reviewed the recent rainfall events that the City has been experiencing this summer, and put them in historical context. Mike emphasized that the rainfall totals over the past two months have far exceeded other recent rain events in the past 20 years or so. Mike noted that the ground water was extremely high in this area.

Mike confirmed that there were no sanitary sewer backups in this area.

Mike then reviewed the topography of the area. He noted the high water levels of the lake right after the July 23 rain event. Mike also briefly discussed some aspects of the FEMA floodplain and how that influences the need for flood insurance.

Mike reviewed the drainage of the area. He reviewed the various storm sewers in the area, including their routes and sizes. One resident asked if the City should be building drainage facilities to deal with events of greater magnitude than the 1-percent storm. Mike answered that is a good question worth exploring.

There was some discussion of the Highland Avenue grate, where Crystal Creek runs into a storm sewer and outlets south of St. Andrew Lane. Mike noted that this was a restriction point in the drainage network.

One resident stated that continuous development over the past 50 years has made drainage problems worse. The resident asked if the storm sewers in the area were at capacity during the storm. Mike answered yes.

Mike discussed the City's planned culvert improvement projects, and that culverts along Crystal Creek would be upsized to handle additional storm water. These culverts are reaching the end of their useful life and need to be replaced.

One resident noted that he had noticed that many of the inlet grates were routinely clogged with leaves and debris, and should be cleaned more regularly.

One resident on Essex said that the area on his street does not drain well. He described the drainage during the storm.

Another resident commented that the storm sewer on Cumberland seemed to be working well since the McHenry Avenue improvements.

There was some discussion about the recently completed Lakewood sanitary sewer projects. The residents asked if that project made the flooding situation better or worse in this area. Mike explained inflow and infiltration (I&I) of storm water on the sanitary sewers is an issue in this area and significantly impacts the sanitary sewer system. He speculated that since the City was no longer taking Lakewood's sewage, it probably provided additional capacity for I&I in the City's sanitary sewer.

There was discussion about constructing additional storm sewer in the area. Mike said that this would have to be studied further. He explained that modern development has storm sewer and he said that moving more water out of the area would be ideal, but there has to be a place for the water to go. One resident asked if the City would consider lift stations. Mike answered that the City has a few lift stations for storm water. They are not our first choice, but would be considered if no other alternative exists.

One resident experiences issues with pocketed depression areas in the back yard. When there are significant rains, this area fills up, and does not drain quickly. The resident said the City should help to eliminate these because there are health risks with mosquitoes and a safety risk for small children. Mike noted that pocketed depression areas is a common problem in this area.

There was some discussion about drainage on various individual lots.

There was some discussion about the lift station recently constructed by the Village of Lakewood at Broadway Lane and Oxford Lane. The residents said that it was a traffic hazard. They said that it created a sightline issue. They also said that the reflective surface caused glare at certain parts of the day. They asked that if the intersection could become a four-way stop and that the metal be painted. Mike indicated that the City has communicated comments and concerns to the Village of Lakewood.

There was some discussion about area storm sewers. Mike described a storm sewer in the area that is owned and maintained by the Village of Lakewood. One resident was adamant that the City not rely on this storm sewer to resolve any drainage issues.

During the meeting, Mike had been taking down ideas on the whiteboard. Mike reviewed the categories and the items under each category. They were:

Problems/Issues

- Crystal Creek diverted into a storm sewer
- Safety of children at the Highland inlet under high flows
- Flooding getting worse over time
- Maintenance and cleaning of inlets and rates
- Health issues due to standing water and mosquitoes
- Clean up debris in Creek

Concepts/Solutions

- Storm Sewer Lift Stations
- Replace culverts along Crystal Creek and upsize to increase capacity
- Construct storm sewer separate from the Lakewood maintained storm sewer in the area
- Re-channelize Crystal Creek to above ground
- Improve storm sewer capacity

Questions

- Provide more information on the Lakewood storm sewer
- Look at the screening the Lakewood sanitary sewer lift station on Broadway Avenue
- Put a four way stop at Broadway and Oxford due to reduced sight lines from the lift station
- Look at how lake

Mike wrapped up the meeting by thanking everyone who attended and said there would be follow-up with tonight's discussion when the City was able to develop some more specific solutions for the area.



COUNTRY CLUB AREA MEETING – 8/31/17

SIGN-IN SHEET

NAME & STREET ADDRESS	PHONE NUMBER	E-MAIL ADDRESS
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