
MEETING MINUTES



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**City of Charlotte
Alanhurst-Cherrycrest
City Project No. 671-11-006
WKD Project # 20110134.00.RA (Alanhurst-Cherrycrest)
March 26, 2012**

Attendees

Susan Tolan – City of Charlotte
Doug Lozner – City of Charlotte
Scott Sigmon – WK Dickson
Reid Huntley – WK Dickson

The meeting started at 6:30 PM at St. Andrews United Methodist Church at 1900 Emerywood Drive, Charlotte NC. A slideshow was presented and the following agenda was distributed to the 15 attendees:

- Welcome/Introduction
 - Susan Tolan began by welcoming attendees and giving introductions of City staff and WK Dickson staff.
 - Susan Tolan noted that the sign-in sheet was at the rear of the room, as were several City brochures, business cards, and a feedback form.
- Purpose
 - Susan Tolan explained that the primary purpose of the public meeting was to share the results of the Existing Conditions Analysis with the general public and to gather feedback from the attendees. This feedback will be used to confirm, adjust and refine the Existing Conditions Analysis.
 - Susan Tolan requested that questions be held until the end of the presentation.
- Background
 - Susan Tolan explained what the Charlotte Mecklenburg Storm Water Services Program is and that the program is funded by the storm water utility. She discussed 311 requests, including how requests are ranked and what kinds of requests are ineligible for assistance. She also explained that when a large number of claims are made in a given residential watershed, this can sometimes lead to a drainage project for the entire watershed.

- Susan Tolan explained that the Alanhurst-Cherrycrest Project arose from this process.
- Existing Conditions Analysis
 - Next, the presentation was turned over to Scott Sigmon so that he could present the Project Scope. He presented some of the key facts about the watershed, including the extents, the size, and the general land use and zoning of the watershed. He also gave a brief overview of the modeling techniques used to quantify the existing conditions of the drainage area.
 - Next, Scott Sigmon gave a brief summary of the modeling results, highlighting the results that indicate that both culvert crossing systems are undersized. He also mentioned that several closed systems will need additional inlets to reduce street flooding.
- Process From Planning to Planting
 - Scott Sigmon turned the presentation back over to Susan Tolan, who talked about the next steps in the project:
 - i. Finalize Existing Conditions report using citizen feedback
 - ii. Develop several solutions and identify preferred alternative
 - iii. Design the preferred alternative – typically lasts 24 months
 - iv. Construct the preferred alternative
 - Susan Tolan said the preliminary schedule has construction beginning early 2016. As the project progresses along those steps, several public meetings will be scheduled in order to garner additional public input.
- Questions & Comments
 - The floor was opened up to a General Question and Answer session, and meeting attendees discussed individual concerns with the project team.

During the presentation, several general questions and comments were raised. These questions and comments were:

1. How many outfalls are there? Are you adding or changing any?
 - Scott Sigmon responded that there are currently 14 systems in the project area, and that the topography does not warrant additional systems being installed, although additional inlets may be installed to augment the existing systems.
2. Why do we have a debris or solids issue? Is it due to pipes being undersized, due to the age of the system?
 - Scott Sigmon responded that the pipes and culverts have been in the ground since the residential area was developed, and the size or age of the pipes wouldn't directly affect the water quality of the downstream receiving stream. Some of the solids or debris that are causing problems may be related to leaf debris clogging the inlets.
3. Is the channel under Archdale Drive included in the scope of the project? When it rains, Archdale Drive has several feet of standing water near the culvert. Also, inlets

on Archdale Drive near the channel crossing clog when it rains, possibly from leaves and debris from oak trees along Archdale.

- Susan Tolan discussed County vs. City jurisdiction, and indicated that since the Archdale Drive culvert is the County's jurisdiction, it was not included in this project. Susan Tolan also suggested that the clogging of inlets is typically a maintenance issue. The inlets that are clogging adjacent to the Archdale culvert were also not included in the study. One of the attendees suggested that this extra area be evaluated so that comments related to flooding on Archdale Drive at the culvert crossing can be properly addressed.
4. The pipe under the sidewalk at Archdale Park overtops, is undersized, clogs, and deposits mud on the sidewalk after heavy rain. Someone with the City used to clean the ditch to keep blockages clear.
 - Susan Tolan indicated that maintenance at this location was likely performed by the County Parks and Recreation Department. This comment was reiterated in the one-on-one sessions (see below). Scott Sigmon responded that the overtopping pipe indicates that the opening is too small, which is the conclusion supported by WK Dickson's engineering analysis.
 5. Since construction is several years out, what do we do in the mean time? What if there is flooding or failure of pipe?
 - Susan Tolan discussed availability of funds to do repairs if needed before the project enters the construction phase. It was requested that the homeowner monitor the situation and calls 311 if there is a change in condition.
 6. Fernhill Drive inlets are "sliding" or "sinking", indicating a possible blowout or sinkhole.
 - Susan Tolan indicated that this is a maintenance issue and the inlets can be inspected to find the source of the problem.
 7. Property Owner has drop inlet in back yard with a sinkhole. Several years ago he called in the concern and was told that the City does not address private drainage systems. He crafted a steel plate to put over it so it's not a danger.
 - Scott Sigmon indicated he would discuss this in the one-on-one sessions.
 8. How much sediment has been lost from the channel due to erosion?
 - Scott Sigmon indicated that this is a tough number to quantify, since sediment is also being brought into the channel from overland flow, and because we do not have the specific channel dimensions from 40 years ago to compare.

Following the presentation, the meeting attendees were invited to examine the meeting exhibits, and one-on-one questions were fielded by the City staff and WK Dickson staff. These one-on-one interactions are summarized as follows:

1. 5626 and 5632 Alanhurst Place
5618 Alanhurst Place flooded 10-15 years ago when debris clogged the culvert. Also, ever since commercial detention pond was installed, flooding has been greatly reduced.
2. 5716 Alanhurst Place

Fence is falling over because of excessive flows experienced ever since industrial area has been built out. They had a garden in the '80s, but channel has eroded and water gets too high to have garden.

3. 949 Archdale Drive
Manhole in yard around 680/700 Archdale Drive has sinkhole, causing erosion around tree, tree might fall. He didn't know if it was sanitary or storm, but talked about an odor.
4. 6300 Ashcrest Drive
Debris collects on inlets at Archdale culvert crossing, causing Archdale Drive flooding and related issues (vehicle passage, safety, etc.). Also, at intersection of Ashcrest Drive and Cherrycrest Lane, street floods regularly.
5. 6318 Ashcrest Drive
Homeowner had to make custom grate to make sure that no one fell into the inlet.
6. 1021 Carysbrook Lane
Requested 11"x17" copies of 3 exhibits; requested 2 kits of "Only Rain Down the Drain". Homeowner also had to make custom grate to make sure that no one fell into the inlet.
7. 5829 Cherrycrest Lane
Debris collects on inlet near mailbox. The property owner also stated that the pipe on property is collapsing.
8. 6010 Cherrycrest Lane
Pipe in street collapsed and City did a repair. They need to come back out to fix it.
9. 5427 Fernhill Drive
Ditch in park area next to Archdale Drive (System K) overflows into sidewalk creating a lot of mud deposition. The resident has to clean out inlets on this system every time it rains so that water does not back up on sidewalk.
10. 5601 Cherrycrest Lane
Homeowner commented that yard stays wet a long time after the rain stops. The house's sump pump discharge pipe runs almost continuously. Homeowner wants to know if the wet yard has any impact on house foundation because homeowner occasionally hears cracks and cracking noises. Homeowner is open to any improvements on/around property.