

## **HAMPTON STORM DRAINAGE DESIGN PROJECT**

### **Public Hearing Meeting Minutes**

October 11, 2012  
6:00 PM – 8:00 PM

#### Project Team

Danée McGee – City of Charlotte Storm Water Services (CSWS) – 704.336.4102

Matt Gustis - City of Charlotte Storm Water Services (CSWS)

Cliff Nelson – Baker Engineering (Baker)

Neal Banerjee – Baker Engineering (Baker)

Kevin Higgins – Baker Engineering (Baker)

#### Minutes:

#### **PUBLIC MEETING – PREFERRED ALTERNATIVE DESIGN**

Danee started the presentation with overall process, where the City is in the process, and a brief discussion of the issues and the preferred alternative. Cliff provided additional information on existing condition problems and the preferred alternative benefits. Kevin provided additional information related to the hydrology and hydraulic analyses, and levels of service. Danee talked about issues related to traffic during construction and how the work would progress from the low end up to upper reaches. The contractor will be required to ensure access for residents although there may be short waiting times as construction vehicles move up the project. The residents indicated that there may be a problem with the Church traffic as they park on the street and have a school. Danee asked residents for any additional questions for discussion.

Questions and comments made at the meeting consisted of:

Resident – Understands how the pipe system will reduce finished floor flooding and is in favor of the improvement. She requested that the City look at providing a small berm to keep LAG flooding away from the house. She stated that the current alignment has the pipe running up neighbor's driveway and if needed, she would be agreeable to a pipe system on her property. She asked if there would be entrance treatment to prevent access. Danee indicated that the City would not provide that due to potential clogging and maintenance issues.

Resident – Questioned the relationship of the pipe depth and constructability between his house and neighbor's specifically to width between the houses, existing utilities, driveway repairs and other items.

Cliff responded that Baker looked at and determined that it would be feasible. In addition, utilities, clearances and other factors would be scrutinized for the final design. The depth of the pipe would be as shallow as practical to allow flow and to minimize the depth.

All Residents – asked about the timing of the construction (and how they would be impacted) and the order it would proceed.

Danee responded that it would be at least 2.5 to 3 years before construction begins and that the construction would begin at the downstream end (at the outlet to Briar Creek) and work upstream. She went on to say that during construction, access to driveways may be temporarily impacted during the day. However, this would only be for a short amount of time, and driveway access would be provided during non-working hours.

A resident questioned the flow out of the pipe culvert after construction and how the stream channel may change. She indicated that the channel appeared to be getting deeper over time. Danee indicated that stream channels will alter themselves naturally to accommodate changes in the she and this appears to be what is happening at that point. She indicated that the new pipe will not be generating additional flow but the pipe system will be altered to prevent current flooding from occurring for the homes along the run of pipe. In addition, as part of the final design, we will analyze potential erosion issues with current that may be occurring and address those.

A couple residents asked about piping the entire run of the existing open channel. Danee explained that the analysis / proposed alternative had not considered that since it appeared that the impact on the backyard spaces would not be desired by the residents. In addition, Danee briefly mentioned that piping more than 150 feet of existing open channel changes the type of permitting required.

A couple residents asked if further protection from flooding could be provided by grading some type of berm between their houses and the channel during construction. Cliff mentioned that there would be excess dirt from the excavation and that it would be considered during final design.

The meeting was then adjourned.

Minutes compiled by Clifford Nelson on 10-31-2012.