



Armstrong Glen, P.C.

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MEETING MINUTES

Subject: Lincoln Heights Storm Drainage Improvement Project - Public Meeting 2

Date: January 8, 2015 6:00 – 7:00 PM

Location: Beatties Ford Road Regional Library

Conducted by: Steven McCraney (City Project Manager)
Doug Lozner (City Watershed Area Manager)
Josh Letourneau (AG Project Manager)
Russell Parker (AG Project Engineer)
Emily Fender (AG Engineering Designer)

Minutes by: Josh Letourneau

Attendees: 3 Residents – 2001 Erie Street
2005 St. Luke Street
2520 Pinestream Drive

I. Welcome and Introductions

- Steven McCraney, City Storm Water Services (CSWS) Project Manager, opened the meeting by thanking the residents for their attendance, and introducing the project.
- Steven McCraney introduced himself and the team members for the project: CSWS and Armstrong Glen (AG) – see names above.
- Steven McCraney noted that this was the 2nd public meeting and there would be a formal presentation (PowerPoint) and a general Question and Answer period.

II. Meeting Purpose

- Steven McCraney explained that the purpose of the meeting was to present a summary of the existing conditions results and recommended improvements, request input from property owners on the proposed improvements in the neighborhood, and to introduce the design phase of the project.
- Steven McCraney informed the residents that there will be a third public meeting early on in the design phase.

III. Charlotte Mecklenburg Storm Water Services (CMSWS)

- Steven McCraney then talked about the project history and why the Lincoln Heights project was created.

- Steven McCraney explained that there were 56 total requests reported to 311, which included issues such as inadequate and deteriorating infrastructure, road flooding, structural flooding, old culverts, sink holes, and erosion/blockages in streams.
- Steven McCraney explained that projects like this deal with larger watershed-wide issues that cannot be managed by smaller spot repairs and require considering impacts to downstream areas.

IV. Existing Conditions and Recommended Improvements

- Russell Parker from Armstrong Glen, briefly presented the work that had been performed to assess the drainage systems, and summarized the findings of the study by highlighting problems found in the project area.
- Russell Parker first explained how the Existing Conditions Results Map works, with highlighted red lines indicating hydraulically deficient pipes, highlighted yellow lines indicating structurally deficient pipes, and highlighted red lines indicating both hydraulically and structurally deficient pipes. Mr. Parker also explained the various hatchings/colors depicting recorded citizen complaints.
- Russell Parker then goes on to present the recommended improvements. Mr. Parker explains how the proposed improvements map works, with highlighted green lines indicating pipe to be upsized, and highlighted pink lines indicating pipe replacement, and highlighted blue lines indicating new pipe installation.

V. Next Step of Project:

- Steven McCraney then wrapped up the meeting by briefly describing the phases of the project and typical durations as follows:
 - Planning (typically 12 to 27 months)
 - Existing Conditions Analysis – finding the problems
 - Alternative Analysis – developing alternative improvements
 - Selected Alternative – selecting the best alternative for the project (current phase)
 - Design (typically 21 to 34 months)
 - Designing the improvements
 - Permitting (typically 9 months, but usually overlaps the design phase)
 - Easement Acquisition (typically 12+ months and overlaps with design phase)
 - Bid and Award (typically 5 to 6 months)
 - Construction (from 1 to 2+ years)
- Steven McCraney then discussed the immediate path forward which includes preparing design drawings and holding a third public meeting once 70% design plans are prepared.

- The formal presentation was concluded after a general Question and Answer session. Specific questions were also answered by team members during the break-out session afterward.

VI. General Questions/Discussions:

- Homeowner at **2005 St. Luke Street** asked what the purple line indicates on the recommended improvements map. Steven McCraney explained that the purple line indicates existing storm drain to remain. Homeowner also mentioned that a ditch used to exist along the side of his house and that it was recently piped in. Homeowner asked if there would be any changes to his yard due to the construction. Steven McCraney mentioned that the storm drain will be upsized from a 48" to a 54", but after construction everything will look as it did before.
- Homeowner at **2001 Erie Street** mentioned that water was flooding under the middle house in his lot. Homeowner mentioned that water bubbles out of the inlet on his property when it rains, but is not the cause of the flooding. Steven McCraney suggested a field meeting to determine where the water is coming from.