



February 4, 2016



public meeting minutes

Charlotte-Mecklenburg Storm Water Services held its second public meeting on December 15 at Sharon Presbyterian Church to present the Recommended Design Alternative.

Meeting highlights:

- Introduced project team and provided a summary of the projects progress and current status. Gave a brief description of the different alternatives considered.
- Engineering consultant, Parsons Brinckerhoff, described the project area and overall larger watershed limits. Presented the drainage infrastructure that is hydraulically or structurally deficient and the recommended improvements in the vicinity

of Wamath Drive, Cutchin Drive, Chaucer Drive, Mountainbrook Road, Landerwood Drive, and Shaker Drive.

- Reviewed typical Storm Drainage Improvement Project phases and time frames:
 1. Planning: 16 to 23 months (complete)
 2. Design: 21 to 34 months (upcoming)
 3. Bid and Award: 6 to 9 months
 4. Construction: 12 to 24 months
- A question and answer session was held. (See Q & A excerpt on other side.)
- Attendees broke up into smaller groups to review the Recommended Design Alternative map and provide additional information about stormwater issues in the neighborhood.

Additional information available on the website includes:

- Complete presentation
- Meeting minutes (with Q & A)
- Recommended Design Alternative map

For more information:

Please contact Adrian Cardenas, Project Manager acardenas@charlottenc.gov 704-336-4682

StormWater.CharMeck.org

Cutchin Drive Storm Drainage Improvement Project

Some questions and answers from the public meeting:

Q: Are there plans for channel work on this project?

A: Not currently. However, any resident who wants the City to perform channel work on their property as part of this project are requested to contact Project Manager Adrian Cardenas for further information.

Q: Why wasn't detention above the neighborhood proposed or considered? Would construction save costs in comparison to the detention basin alternative?

A: Per feedback from the first public meeting, detention was considered, but was not cost effective. The detention basin alternative significantly impacted the neighborhood with the permanent loss of four residential structures: 3017, 3025, 3033, and 3041 Cutchin Drive. The cost of the detention basin was estimated to be \$3.4 million with a \$5.6 million total estimated construction cost of the detention basin alternative including replacing structurally deficient pipe downstream. The total construction cost of the City's recommended alternative is \$3.6 million.

Q: General question about the street flooding at the entrance of Mountainbrook Road off Sharon View Road.

A: As previously explained, this area is outside of the projects drainage area. However, the City is aware of it, and a service request has been initiated. The City video inspected the drainage system and the pipes were found to be completely silted in, and the outfall was buried. At the request of Storm Water Services, the system was cleaned and put on a "watch" list for known areas prone to clogging.

C: I am having a hard time understanding why this project is happening where 4 or 6 houses might have problems.

A: The system is undersized and the existing infrastructure is failing. Adrian Cardenas showed slides with example images of a pipe and a pipe joint in good condition followed by images from the pipe video investigation indicating the pipe deficiencies at Cutchin Drive, Wamath Drive, Mountainbrook Road and Shaker Drive.



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