



April 28, 2016



Charlotte-Mecklenburg Storm Water Services held its third and final meeting on March 29 at Christ Episcopal Church to present the proposed improvements and begin the easement acquisition phase.

Project Summary: The planning phase lasted from June 2010 to February 2013. The design phase is expected to last from February 2013 to May 2017. It was extended due to the need to change consultants.

Review of Project Need: The presentation reviewed specified issues that are driving this project, including structural flooding

of homes, pipe sinkhole issues, street flooding and aging infrastructure.

Project Impacts: Property impacts, City Arborist Tree Evaluations, road closures and traffic impacts were discussed as well as Briar Creek flooding and FEMA regulated floodplain maps.

Design: The preliminary design plans were presented. The plans include many details, such as pipe sizes and locations, channel/ditch widths, utility relocations, and easement locations.

Permitting: This phase includes obtaining the required water quality permits from

Federal and State government agencies.

Easement Acquisition: The City's real estate staff works with citizens and businesses to acquire easements needed to construct the recommended improvements and provide future maintenance. The easement acquisition phase typically lasts 10 to 14 months.

Bid: When the design plans are finalized and all easements are acquired, the final plans will go out to bid. The bid phase of a project typically lasts 5 to 6 months.

Construction: The project is anticipated to take approximately 18 months to construct.

Hampton Avenue Storm Drainage Improvement Project

Some questions and answers from the public meeting:

Q: How will this project affect flooding along Briar Creek?

A: The timing of the peak discharge of the pipe system for the Hampton Avenue Project is 7 hours prior to the peak water surface elevation of Briar Creek. Due to this fact, during small storm events the drainage from the Hampton Avenue Project will be discharged into Briar Creek many hours before it peaks. The floodplain limits for Briar Creek that are shown on the Counties FEMA maps are accurate.

Q: Is the City going to clean the drainage inlets once they are constructed with this project?

A: Much of the leaf clogging of the existing drainage inlets is due to their small size and out dated design. The new inlets are larger and have specially designed grates to handle leaves. If the residents experience issues they can call 311 and put in a request for the grates to be cleaned and the street cleaners to come to the neighborhood.

Q: Will the open channel remain? Are you enclosing part of the channel with pipe?

A: Storm Water Services explained the Pipe and Channel Policy. This Council-adopted policy limits requests for pipe installation except for engineering and economic reasons.

Q: Will the curb be replaced all along Hampton Avenue?

A: In the locations where the new inlets are placed and where the contractor has to remove the curb to complete work, the curb will be replaced.

Q: Will storm drain pipes be abandoned and left in place?

A: In some locations the pipes will be filled with concrete and left in place.

If you have any questions, please contact Project Manager Danée McGee at dmcgee@charlottenc.gov or 704-336-4102.

For more information visit our website at stormwater.charmeck.org



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