

Wiseman Public Meeting Minutes – Public Meeting #2

Date: October 6, 2010

Location: Cokesbury United Methodist Church

Meeting conducted by Monica Kruckow with the Charlotte-Mecklenburg Storm Water Services and Scott Sigmon with the consulting engineering firm WK Dickson.

Wiseman Project Team Introductions – Monica Kruckow

Monica Kruckow introduced the Wiseman Project Team, including WK Dickson staff.

Monica Kruckow – CMSWS Project Manager

Jackie Bray – CMSWS Project Coordinator

Amy Bice – CMSWS Project Manager

Matt Anderson – CMSWS Project Manager

Scott Sigmon, PE – WK Dickson Project Manager

Rob Normandy – WK Dickson Project Designer

- ❖ Attendees were provided with an agenda and handouts
- ❖ Attendees were reminded to sign the sign-in sheet
- ❖ Attendees met around a table, and were presented with the following information. With the small attendance, attendees had ample opportunity to ask questions.

Meeting Purpose – Jackie Bray

- ❖ Discussed previously identified existing storm water issues and the proposed improvements for the Wiseman project area (roughly bounded by W.T. Harris Blvd. to the north, Idlewild Road to the west, Barncliff Road to the east, and Braewick Place to the south).

Project Phases – Jackie Bray

- ❖ The project involves analysis of existing conditions to determine the portions of the storm drainage system needing improvement which was discussed at our last public meeting.
- ❖ Since that meeting we have analyzed several alternatives for improvement, and have come up with a recommended improvement plan that we would like to propose at this meeting today.
- ❖ This project will then move into design and then construction of needed improvements.
- ❖ Citizen Involvement
 - Mtg. #1** – July 2009 – Opportunity for citizens to provide feedback on existing storm water issues
 - Mtg. #2** – October 2010 – Opportunity for citizens to provide feedback on proposed storm water improvements.
 - Mtg. #3** – To Be Scheduled – Opportunity for citizens to provide feedback on 70% design (preliminary plans) and kickoff real estate.

CMSWS requests that citizens provide feedback throughout the entire project. Feedback can be provided by contacting Monica Kruckow, or by calling 311 to officially report an issue.

Proposed Improvements for the Project – Scott Sigmon

Braewick Place

- Existing: Twin 54" Reinforced Concrete Pipes
- Overtops during a 25-year storm event
- Proposed: Install 10'x7' Reinforced Concrete Box Culvert

Cross Winds Road

- Existing: 72" Corrugated Metal Pipe
- Overtops during a 10-year storm event; current pipe is rusted
- Proposed: Install 10'x6' Reinforced Concrete Box Culvert

Valley Grove Road

- Existing: 10'x5' Reinforced Concrete Box Culvert
- Passes 25-year storm event
- Proposed: Install additional catch basins to alleviate street flooding

Sunflower Road/New Hampshire Drive

- Existing: 60" Corrugated Metal Pipe
- Overtops during a 50-year storm event; affects the Mission Hills System, in need of spot repairs, and current alignment is close to existing houses
- Proposed: Install a 66" Reinforced Concrete Pipe along New Hampshire Drive

Mission Hills Road

- Size varies from 42" to 60" Reinforced Concrete Pipes
- Overtops during a 10-year storm event
- Proposed: Upsize the main trunk line along Mission Hills Road and Morington Lane

Wiseman Drive

- 18" Reinforced Concrete Pipes
- Meets City standards
- Proposed: No work required

Arrow Lane

- 15" Reinforced Concrete Pipes
- Inlet capacity does not meet City standards
- Proposed: Install additional catch basins to alleviate street flooding

Duxbury Court

- 15" Reinforced Concrete Pipes
- Meets City standards
- Proposed: No work required

Stream Reaches

Stream section upstream of Mission Hills Road (Reach 1)

- No proposed improvements

Stream section upstream of Morington Lane (Reach 2)

- No proposed improvements

Stream section between Morington Lane and New Hampshire Drive (Reach 3)

- No proposed improvements

Stream section between Sunflower Road and Valley Grove Road (Reach 4)

- Spot channel bank stabilization in eroded areas only

Stream section between Valley Grove Road and Cross Winds Road (Reach 5)

- Spot channel bank stabilization in eroded areas only

Stream section between Cross Winds Road and Braewick Place (Reach 6)

- Channel protection and bank stabilization

What Happens Next?- Monica Kruckow

- ❖ Design/Easement Acquisition/Permitting
 - Develop construction drawings for the alternative selected. These plans are to include many details, such as pipe sizes and locations, channel/ditch widths, utility relocations, and easement locations.
 - Typical design phases last 21 to 34 months.
 - The permitting phase runs concurrently with the design phase. This phase includes obtaining the required water quality permits from Federal and State government agencies.
 - The permitting phase of a project typically lasts 3 to 9 months (typically during the design phase).
 - The Real Estate phase runs concurrently with the design phase. 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 of a project typically lasts 8 to 12 months but may take longer depending on the property owners and businesses.
- ❖ Bid/Construction
 - After all design plans are finalized and all easements are acquired, the final plans will go out to contractors for them to bid on. By state law, the lowest responsible bidder is awarded the construction contract.
 - The bid phase of a project typically lasts 4 to 5 months.
 - Throughout construction, efforts will be made to minimize disruption to nearby property owners. Construction of proposed improvements will be supervised by City inspectors. Notifications of key construction dates will be mailed to residents prior to construction.
 - Because projects vary in size, the typical construction phase of a project can last from 3 months to over 2 years.
- ❖ The City will continue to send mailers quarterly to update citizens throughout all phases of the project.

Citizen Discussion (General Q and A)

- ❖ Q: What is stream stabilization; how wide is the impact?
A: Scott Sigmon explained that there are eroded sections of the stream that have been identified for stabilization measures. These measures often include grading the stream bank to have a gentler slope that is less susceptible to erosion. Also with lessening the steepness of the slope, trees, shrubs and grasses will be planted that will also aid in the long term stability of the stream bank. The width of the impact depends on the height of the bank but typically the disturbance zone is within twenty feet of the edge of the stream.
- Q: Will stream stabilization require cutting down large trees?
A: Large tree removal would be treated on a case by case basis. If the trees are located over a severely eroded or incised bank, then they will be removed since they would be prone to falling in the future. If a large diameter tree was in the vicinity of an eroded stream section then it may be beneficial to leave it in place as the established roots would

be holding the stream bank soil in place. Staff from the City and design consultant could walk the stream with affected property owners for input prior to finalizing the design plans.

- ❖ Q: We have owls in the area; how will the City deal with the owls if you need to remove trees?

A: Monica explained that the City has standard procedures for handling local wildlife and that this would be taken into consideration during construction.

Summary

- ❖ The existing storm drainage system within the Wiseman Storm Drainage Improvement Project Area has been analyzed with various problems being identified and several alternatives have been looked at. CMSWS presented their recommended improvement plan at this meeting. The main goal of this project is to reduce flooding and improve the stream capacity and erosion.