

ROCHELLE STORMWATER ADVISORY COMMISSION (SWAC)

MEETING MINUTES - FEBRUARY 22, 2012

Call to order

Tom Huddleston, Chairman, called to order the regular meeting of the Rochelle Stormwater Advisory Commission at 5:00 p.m. on February 22, 2012 in the City Hall Chambers.

Roll call

Present on roll call: Commission members Stonebraker, Pierce, Reed, Page, and Huddleston. Five present; had a quorum. Commission member Cawley arrived late. Absent: Cawley (none). Also present were City Engineer Tesreau and Deputy City Clerk Schermerhorn.

Approval of minutes of March 16, 2011:

Mr. Reed moved and seconded by Mr. Stonebraker, "I move the minutes of the March 16, 2011 meeting be approved." Motion passed by voice vote without dissent.

Public Commentary: None

Old Business:

a) Greater Rochelle base floodplain/elevation study update:

- Received comments from IDNR; making revisions as requested; believe they will have concurrence approval from IDNR within the next two – three months.
- After IDNR concurrence WBK consultants will submit to FEMA for their technical review; City staff and WBK consultants have had some preliminary meetings with FEMA and gave them intent to submit last year.
- Illinois State Water Survey will be performing the review on behalf of FEMA; FEMA will be budgeting for the physical map revisions to several panels in the Rochelle area as a result of the new floodplain study. The cost for the PMR is approximately \$200,000 and the City will pay approximately 10%. Per FEMA
- The new FEMA/FIRM maps and flood insurance study (FIS) should be available by the end of 2013. This assumes FEMA completes and approves the study by the end of 2012.
- The new FEMA/FIRM maps and flood insurance study is very helpful for future development.
- It was brought up that some residents recently received letters from FEMA about flood areas and insurance. According to Sam, FEMA provided updated FEMA maps as part of the map modernization program. Those maps were adopted by the City in December 2010. FEMA notifies owners that they may or may not be in the flood plain after an updated study and/or map revision; property owners in the floodplain are able to compare old FEMA maps with new maps when they become available. If property owners, in the floodplain, disagree with the maps or need further confirmation for their insurance needs, they can have a flood certification done by an independent engineer/surveyor. These certifications are sometimes expensive and often for naught as they may not be taken out of the floodplain as approved by FEMA.
- The City has spent nearly \$400,000 on the floodplain study to date. This study, performed by WBK consultants, uses the latest technology in modeling and data collection.

This study will also be used to model existing conditions and the impact of development and storm water runoff detention facilities.

Regional Study – subject interjected as a result of Mayor Olson's email 2/22/12 to Sam with copies sent to David Plyman and Tom Huddleston; in particular the development in the works at the Sullivan Shopping Center and this area (560 acres), not only for new development but for existing businesses along Caron Road to the south to the railroad tracks. Discussion included:

- The Rochelle Municipal Code now gives ability to oversize detention areas. In some situations this may make sense on a regional basis as opposed to individual detention facilities.

- Hemstock Dam was determined not to be attainable due to the estimated cost of over \$15M; therefore, we need to look at smaller scale facilities to get something started. The Lakeview storage facility is one such area.
- Look at developers dedicating extra detention area; we have to be careful to stay within the limitations of our funding or “giving” developers detention areas that are meant to help offset the impacts of the floodplain.
- One of the potential locations is the King’s Crossing Development (north of high school).
- Per Tom Huddleston, GREDCO along with the council is trying to inspire new development in order to bring in new jobs, to raise demographic area, and improve quality of life by building a natural corridor along Kyte Creek to the north. Both Gensler and Hayden are willing to work with the City in making land available in their development. Need to encourage council to build oversized ponds (larger than needed), which would help both the developments and farm land and floodplain. This could start at Kings Crossing or another location. Can’t do it all at once but at least it’s a start.
- Sam recalled that several years ago a regional detention map was prepared that included several potential regional detention areas locations. However, regional detention may not be the answer in all development cases. Developments and offsite properties have to be able to have easements and drainage conveyance systems or ditches in place to convey the un-detained stormwater flow from proposed developments to the regional detention facility. These are put in place so there isn’t a significant or detrimental impact on properties within the flow path of the un-detained properties upstream before the detention area. This takes a lot of funding, coordination, and dedication of easements or right of ways to drain the un-detained area to the regional facility.
- Wayne Page commented on how both the detentions of the Centerpoint and Intermodal developments have helped so far.
- Mike Pierce indicated one thing to think about is that we have not had a big event since 2002 (10 years ago) however the Kyte River seems to be able to convey more flow now.
- Sam says the regional stormwater facilities require much funding and we have to determine which areas available money is spent on. The next step is to resurrect the map and discuss at the next meeting. Will discuss both King’s Crossing and north of the Union Pacific east of Caron Road as potential locations for regional detention.

b) Miscellaneous stream maintenance work planned along Kyte River for 2012-13:

- The Kyte River stream maintenance projects have cost the City over \$600,000. Therefore, the City continues to do annual vegetation control so we don’t get back into the situation we had a few years ago with the expensive cost of the debris and brush removal. The cost is about \$22,000/yr for vegetation control and spraying.
- Upgrading pipe outlet fixtures; spot stabilization with riprap along isolated areas.
- Implementing Regional detention will help with this by storing and conveying large stormwater runoff events.
- About \$65,000 will be available in the in Stormwater Fund for maintenance of the Kyte River and outfall structures within the City corporate limits; in addition money will be programmed for the remaining floodplain study costs and about \$75,000 for a regional detention floodplain mitigation project the FY 11/12 stormwater fund revenue was about \$45,000; its anticipated there will be a projected balance of \$5,000 for the upcoming 12/13 budget; per revisions to the RMC council has allowed developers to pay back the stormwater fee as properties develop or are platted rather than payment at time of annexation; therefore, the stormwater funds trickle in little by little rather than large sums as seen in the past.
- Coated Sands development southerly boundary is on the Ogle/Lee county line; their detention pond is on the southerly end of their property and adjacent to floodplain area set aside. The site and detention areas outlet into Johns Creek by way of a storm sewer outlet as well as a bypass channel for the upstream areas.

New Business:

a) Removal of Treatment Plant Road bridge over the Kyte River:

- The City received a DCEO grant for \$450,000 for access roadway and bridge removal at the wastewater treatment plant.
- The project, which will begin this year, will remove the existing treatment plant road bridge over the Kyte River. This structure is about 58 years old. The access from Jack Dame Road will provide a different access so not to impede the floodway where the existing bridge is currently located. This bridge has been a choke point along the conveyance system, has been overtopped in the past, and is in poor condition.
- The project will restore banks in immediate area of the removed bridge as well.
- Utilities will be put under the Kyte River rather than suspended from the bridge to impede the water or catch debris.

Announcements/Communications:

- Mayor Olson has requested that the Stormwater Advisory Board meet at least four times a year. **It was decided to meet in January, March, June, and September on the second Wednesday at 5:00 p.m.** Will go ahead and have the April and June meetings and then proceed with new schedule in September 2012.
- One of the members asked if this group provides value. It was decided that they need to do more than just discuss amongst themselves; that they propose a project and pass on some direct advisory resolutions. If the council doesn't need their input then some members feel the group should disband. **They would like to develop a regional detention project and start on some smaller scale if necessary but start something.**
- Wayne Page brought up an annual fee that is owed the Brush Grove Drainage District. The current amount the City pays is about \$2500. The original agreement was back in 1968 and then somewhere between 1999 to 2005 the amount was changed with the then City manager. Judy will look on Laserfiche to see if she can find it.
- **The next Stormwater Advisory Board meeting is planned for April 11, 2012 at 5:00 p.m.**

Adjournment:

Moved by Mr. Stonebraker and seconded by Mr. Reed, "**I move the Stormwater Advisory Committee adjourn.**" Motion passed by voice vote without dissent. The meeting adjourned at 6:00 p.m.

Minutes submitted by: Judy Schermerhorn
Deputy City Clerk