CITY OF RALEIGH
STORMWATER MANAGEMENT ADVISORY COMMISSION (SMAC)
Minutes

Raleigh Municipal Building ·222 W Hargett St · Room 305
4:00pm · Thursday, December 4, 2014

Commission Members Present: Matthew Starr, Michael Birch, Francine Durso, JoAnn Burkholder, Chris Bostic, Kevin Yates, Vanessa Fleischmann, Marc Horstman, and Will Service.

Stormwater Staff Present: Blair Hinkle, Suzette Mitchell, Carmela Teichman, Kevin Boyer, Kelly Daniel, Wenju Zhang, Chris Stanley, Ben Brown, McKenzie Gentry and Veronica High.

Members Absent: David Webb

Guests: Richard Kelly, Mathew Hornack and Amit Sachan

Meeting called to order: 4:03 p.m. by Mr. Birch

Motions (Absentees and Minutes)

- Absence: Mr. Birch informed the Commission that Mr. Webb is out of the country and if there were no objections, that Mr. Webb be granted an excused absence. The Commission approved.
- November Meeting Minutes: Ms. Burkholder made a motion to approve, both Ms. Fleishmann and Mr. Yates seconded. The motion was approved unanimously.

The following items were discussed with action taken as shown.

Item 1 – Commission/Stormwater Staff Update on Matters of Importance to the Stormwater Management Advisory Commission

1.1 Updates: (Blair Hinkle)

- Annual Report and Work Plan – *Approved by City Council 12/2/14*
  - Impervious Area Exemptions - *Councilor* Stephenson *brought up a question on this item at the Council meeting that Ben Brown and I are researching and will move forward.*
- Staffing Update -
  - Mark Senior – *Working on a six month temporary basis starting in January 2015*
  - Conservation Engineer - *McKenzie Gentry started work on 11/10/14*
  - Interim Public Works Director - *Rich Kelly*
  - Vacancies – (advertised)
    - *(1) Project Engineer II (CIP) and (2) Senior Project Engineers (CIP & WQ)*
- LID/GI Status Process Update – (Kevin Boyer)
  - *The first meeting was held in November with almost 30 attendees. The Consultant (TetraTech) provided a presentation on where the LID/GI workplan came from; the process now and then going forth. The next meeting is scheduled for Wednesday, Dec 12th at 6:00 p.m. at the Raleigh Municipal Building in room 305. Open group discussion will be the format.*
- Water Quality Cost Share Status – At the next *SMAC meeting, staff would like to discuss the policy; try to finalize it; and then forward it to the Public Works Committee by the end of January.*
- Detention Requirements – *At a previous Council Meeting the Mayor had a question on post-construction – mainly looking into detaining a 100 year storm. We need to broadly discuss looking at the 25 and 100 year storm. Staff would like to bring this item to SMAC at February meeting.*
- Outreach opportunities for review -
  - *Quarterly Urban Watershed Newsletter*

- Environmental Awards - *Stormwater Public Service Announcement competition is open to high school students within the city and ETJ with a top prize award of $500.*

- Drainage Petition project – 7313/7317 Beaverwood Drive, approved in 2012. *Mr. Stanley noted this project is in design completion and the project was bid in October 2014. Summary: The property located at 7313 has a 48 inch corrugated metal pipe with severe problems. There are numerous sink holes that are deep and close to the structure. Part of the solution was to underpin the structure of the property with a shoring approach. We were shifting the pipe toward the edge of the property line and removing and replacing with 48 inch RCP. When the project was approved, the cost was estimated to be around $120,000, but the bids received were in the $160,000 – 175,000 range. We then looked into the acquisition of this property, that's why it's being brought to SMAC for discussion. We informed the property owner of the high cost and indicated that it would make more sense to acquire, especially since this property has the potential of providing long term water quality benefits. The liability of underpinning the structure was a major concern to staff. We recognized the overall cost and we know more dollars are needed to demolish the structure and daylight the channel. Staff feels this is the best option due to the amount of cmp pipe in the right-of-way in this neighborhood, which could be a future CIP type project. The appraised amount for the acquisition is $112,500, which the property owner accepted. We have never acquired a property through the Drainage Petition Program and know the policy was not set-up for something like this. We would like to close on the property in late January. With a recommendation from the Commission, we would like to take this to City Council for review and approval.*
- Mr. Hinkle noted that when both SMAC and the Council approved this project in 2012, the acquisition wasn't contemplated, but this is a different project now. Staff believes if SMAC is supportive of this, we can inform City Council we are in agreement.

<u>Summary \Questions from Commission</u>

- Mr. Birch asked if the acquisition funding was coming out of the petition project. Where would future design/construction costs for daylighting the stream and preparing the pipe on property 7317 come from.
  - Mr. Stanley said funding is not a problem. The budget was already approved and in place. Our intent is to acquire the 7313 property. We would abandon the structure and eventually demo it. We would get a permanent easement over the pipe at property 7317 so, if we have to come back, that easement is already in place and we can make those improvements.
  - Mr. Hinkle indicated we are saving the petition program money, and there are other benefits we can achieve by daylighting that pipe. As for property 7317, that would still come from the petition project funds while the daylighting work could come from other CIP line item accounts.
- Mr. Horstman commented if SMAC does recommend this to Council, does SMAC need to re-visit the policy if it will be setting a precedent.
  - Mr. Hinkle said this is a unique case and we wouldn't have to address this in any policy framework. We need to explain to Council that it's better to go with the acquisition.
- Mr. Yates asked if there will still be a cost share for property 7317.
  - Mr. Hinkle said it will still move forward as a petition project.
- Ms. Fleischmann wanted to know if the City's intention was to sell the property once it's been repaired and is habitable.
  - Mr. Stanley stated no, the intent is to get some type of conservation easement over it and demolish the structure.

Motions:

1.2 Ms. Burkholder made a motion to approve the acquisition

1.2.1 Mr. Horstman added he wants to approve it, but the motion needs to include a caveat that explains to City Council that this is a very unique situation. We don't anticipate the Drainage

Petition Program being used to buy dilapidated property. Mr. Yates seconded. The motion was approved unanimously.

Action Items

- Water Quality Cost Share Policy- *Staff drafting a policy to include SMAC comments from the previous meeting. Staff will include this idea of adjusting cost share percentages for TMDL watersheds in draft policy – more discussion to follow at next SMAC meeting.*
- Detention Requirements - *Staff is to develop a report, provide a presentation in February for SMAC discussion.*
- Drainage Petition Acquisition - *List as a consent item on January 6, 2015 Council agenda.*

Item 2 – Presentation of Draft 2016 Operating Budget and Capital Improvement Plan (CIP)

2.1 Mr. Hinkle noted in the annual work plan that SMAC is to periodically review the Stormwater Operating and Capital Improvement Plan budget. The draft report *(agenda packet)* has been presented to the Public Works Director and the City Council will review this information in January 2015.

Summary of the Budget (PowerPoint presentation)

- Recap/Highlights 2015
  - FY15 Budgeted Revenue - *$16.7* million. *Located $650,000 from properties not billing, and increased development review fees*
  - Expenses - *Projection coming below budget ($667,000)due to over budgeting for personnel expenses for the last several years*
  - Operations - *Transferred $3 million to Stormwater Streets and $5 million to CIP fund*
- Summary FY2016 Budget (anticipated)
  - Revenues – *Projecting utility fee revenues of slightly under $17 million*
  - Operational changes –
    - *Re-classifying Senior Monitoring Technician (pay-grade 31) to GIS Technician (pay-grade 32)*
    - *Two new positions (Senior Engineering Inspectors) - Division does not have capacity to do its own construction inspections and has relied on another division within the department and have hired outside consultants. Based on a 4 year period (2 years ago and 2 years in the future) 14 projects are costing $2.7 million for inspections. These two positions over the 4 year span would cost $700,000 with a cost savings of over $500,000 per year.*
  - Capital Improvement Plan (CIP) –
    - Chart - *shows history of Stormwater Program. Orange color indicates the funding level for our CIP program. The blue color indicates the level of expenditures in same fiscal years*
    - Staff capacity - *$10 – 11* million. *FY16 CIP is being funded at $6 million to allow staff time for legacy projects.*
    - FY16 Overview *(provided in the agenda packet) lists the broad categories of CIP sections; the number of projects programmed in the categories; the total budget for FY16 (twelve projects) and the complete total for five years ($36.5 million)*
      - Lake Preservation – *Brockton Drive Dam is funded in FY16, while White Oak Lake Dam is funded in FY17. If we tried to do both in the same budget year it would deplete the entire CIP budget.*
      - Water Quality Improvement Projects – *These projects are specifically related to Water Quality*.
      - General Water Quality – *These projects allows us to respond to water quality issues and retrofit opportunities. The Water Quality Cost* Share *funding remains the same amount to give us more flexibility, should program changes recommended.*
      - Stream Restoration – *The design phase for Devereau Meadows Stream is budgeted in FY16 with the work being done in FY17 & FY19.*
      - General Drainage Infrastructure – *The Stormwater System repair project responds to infrastructure failure in the City right-of-way. This category also contains the Drainage*

Petition program. The Watershed Planning/Program Master Planning is not funded in FY16 and FY17. Not only will it respond to specific flooding issues, but we are looking at master planning for the city drainage basins in the city which will help in prioritizing projects that deals with those types of issues.

- Neighborhood Drainage System Improvement – *These projects come from specific flooding issues*
- Street Drainage System Improvements – *This category directly impacts the public right-of-way and has a higher prioritization because it impacts the public infrastructure in the roadway.*

Item 3 – Other Business

- January 2015 SMAC meeting – *Scheduled on Thursday, January 8th at 3:00 p.m. at the Professional Building, 8th floor conference room*

Meeting adjourned at: 5:17 p.m.

Suzette Mitchell