MEETING SUMMARY

SUBJECT: STORMWATER COMMISSION MEETING
MEETING DATE: Monday – May 7, 2018 at 5:00 pm
ATTENDANCE LIST:
- Mike Butterfield, Commission Chair, term expires 6/30/18
- Mike Dryden, Commission Member, term expires 6/30/20
- Stacie Johnson, Commission Member, term expires 6/30/18
- Justin Gehrts, Commission Member, term expires 6/30/19
- Frank Bellon, Commission Member, term expires 6/30/20
- Sandy Pumphrey, Project Engineer, City Staff
- Cara Matteson, Storm Water Coordinator, City Staff
- Dave Wallace, Storm Utility Engineering Manager, City Staff
- Tammy Schnell, Administrative Assistant II, City Staff
- Martin Smith, Friends of Cedar Lake Organization Member

DISCUSSION ITEMS

1. Meeting called to order at 5:01 p.m. by Commission Chair Mike Butterfield
   - Mike Butterfield made a motion to approve the minutes from the 3/19/18 meeting and the 4/2/18 goal setting meeting. The motion was approved by Frank Bellon; seconded by Justin Gehrts. All were in favor to approve the minutes.
   - No introductions were needed.

2. Public Input
   - Martin Smith reported the new McLoud Run Bridge at McCloud Place has a lot of bare concrete on the barrier between the sidewalk and roadway. Martin thinks this is a good opportunity to add some sort of large mural on the roadway side, and on the kiosk on J Avenue on the sidewalk side, and also possibly add the seven “Do Not Dump” signs.
   - Martin mentioned the north gate drive in Shaver Park that is very eroded and can’t be used. And the run on the far west of the park is very eroded, too. He said the run on the west side needs to be graded so it’ not 6 feet deep.

3. Commission Goals
   - Discussion was held on who will be the lead on which goal, and which upcoming Stormwater Commission Meeting it will be discussed at, and the outcome is as follows:

   A. BMP Cost Share Program Enhancements
      - Mike Butterfield is the lead.
      - This will be discussed at the November meeting.

   B. Water Quality Overlay Districts
      - Stacie Johnson is the lead.
      - This will be discussed on the July meeting.

   C. Incentivising Water Quality for Development in Priority Basins
      - Stacie Johnson is the lead.
      - This will be discussed at July meeting
D. Program Information Sharing
   o Justin Gehrts is the lead.
   o This will be discussed at either the September or January meeting, based on which meeting the use of regional detention basins will be discussed at.

E. Use of Regional Detention Basins
   o Frank Bellon & Mike Dryden are the co-leads.
   o The will be discussed at either the September or January meeting, based on finalizing the growth areas.
   o Frank said it would help if he could find out where the City is thinking about having regional basins, and then he could take that back to the Development Community and find out what is going on in those areas.
   o Sandy said that as a part of this year’s work on the Master Plan, they have looked at a number of the growth areas to determine what it would take to serve those areas with both storm and sanitary sewer. And, as a part of that, they have identified some potential locations for regional basins. The technical memo for this information is not final yet. They should be really close to being final by the end of June.

4. Reports:
   • City Staff Reports
     A. BMP Cost Share Applications / Update – Cara Matteson
        o There are no new applications this month.
        o For the residential program, in FY18 we have allocated $7,648 of the $25,000 committed.
        o For the non-residential program, we have allocated $75,308 of the $250,000 committed.
        o Cara passed out the Consumer Confidence Report for this year, which is put out by the Water Department. The report includes information on what’s happening in the water sheds, including both local and urban areas, and there is also information on the Cost Share Program. This is distributed to 70,200 residential addresses, and 2,000 are distributed to large local employers, and is a great example of partnership with another City department.
        o Also, there was an insert sent with the utility bills with information on the BMP cost share and Cara has received calls about it from people who saw it in their bill. This was distributed to 47,000 residential and commercial properties. Another great example of partnership with another City department.
        o Cara will provide some information to Frank Bellow on the program that is development-focused for him to distribute to the development community.
        o Cara added that they posted about the tour on the City Facebook page, as well as a blurb about the cost share program. She continued, that since everything is so social media-focused nowadays, that periodically she does put things out there about cost share. She asked that if any of the Commission sees something like that, to Like It and share it to spread the word.
        o Cara confirmed that you do have to own property within the City of Cedar Rapids, and receive a utility bill from the City, in order to participate in the cost-share program.

B. IDALS Grant – Sandy Pumphrey
   o He is actively working on two projects as a part of this round of the grant – a bioretention cell at Wilson Ave SW & 6th St, and another outside of Taylor School on 5th Ave SW.
   o The one on Wilson is currently in active construction. They are just finalizing the plans for the one at Taylor and then will be going out shortly for bid. Both of them will be completed this year.
Secretary Nagg was in town last week and he was given a quick tour of some of the things that were done last year, particularly in Noelridge Park. He was shown the bioswale along Council, the stream restoration that comes down from Collins Road and into the pond, the future streambank restoration project that will be done in the northeast end of the park, and the 1,000 acre prairie. He seemed pretty interested in what they were doing.

Stacie asked if they could see the bid tabs on the Wilson Avenue project, and Sandy said that he will provide them.

C. Middle Cedar WMA – Cara Matteson  
   - Continues to have a lot of momentum.  
   - The Iowa Ag & Water Alliance has contributed some funding and an RFP was sent out for some technical assistance. They want to focus their money on “boots on the ground” and giving something to show for their money.  
   - There is a big planning effort going on.

D. Ameri-Corps Rain Garden – Cara Matteson  
   - Ameri-Corps had initially committed to installing 12 rain gardens, but they received 60 applications, so they are now going to install 12 this spring and 12 in the fall.  
   - They inspected the sites and they were good spots with good infiltration.  
   - Cara handed out a map that shows where all of the rain gardens will be installed, which is overlayed on the basins.  
   - Once the rain gardens are installed, they will go on the green infrastructure map. The map was handed out to residents who were on the fence about installing a rain garden, so they were able to drive around and see ones that were already installed.

E. Downtown Storm Drains – Cara Matteson  
   - There are seven spots downtown where murals in the alleys will be painted.  
   - Cara handed out a map identifying the alleys and it also shows what the murals will look like in each alley.  
   - The murals will be painted the week of May 14th.  
   - The following week, the week of the 21st, some Linn Mar HS seniors will be stenciling “Drains to river, no dumping” in the alleys that weren’t chosen for a mural. All of the drains in all of the alleys downtown will either be stenciled or muralized.  
   - Before they are muralized or stenciled, one of the Downtown organizations will be doing a Day of Caring and will power clean the alleys.  
   - They received about 40 applications to do the murals.  
   - They received a grant from Diamond Vogel’s “Paint Iowa Beautiful” to purchase the paint. No City resources are being used; it is all grant funded.

- Commissioner Reports  
  A. SUDAS – Stacie Johnson  
     - Stacie asked how the Uniform Sizing Criteria will be incorporated into SUDAS. Will SUDAS be adopted on July 1st. Dave Wallace said the goal is still July 1st, but there is still a lot of work to do on it.  
     - Stacie asked how much leeway would be given to Developers to prepare for the switch to SUDAS. Neither Sandy nor Dave knew the answer to that, but Sandy said there will be some training for both Developers and City Staff, exactly when, though, he wasn’t sure.  
     - Sandy explained the Uniform Sizing Criteria is a part of the Design Manual under SUDAS. The Design Manual will be adopted, along with the specifications. What this does is it means anyone designing stormwater facilities will refer to the SUDAS design manual, instead of the City’s design manual. And which, Stacie said, refers to the Iowa Stormwater Management Manual. Stacie feels both the Iowa Stormwater Management Manual and SUDAS need to be adopted, because the Iowa Stormwater Management Manual is voluntary.
Sandy said his understanding is Uniform Sizing Criteria is basically saying all of the five different sized storms should all be accounted for in the design of any stormwater management features. He interprets it to mean that an Engineer putting together a set of plans would have to account for the different sizes of storms based on the summary of the overall Uniform Sizing Criteria SUDAS extracted from the Stormwater Management Manual and the other components of a stormwater quality feature would take additional to the Iowa Stormwater Management Manual.

Stacie asked what a drainage report would then look like. Sandy responded a drainage report would look similar to what we see today, but instead of just considering the 100-year event and 5-year event storm, they would have to list five different events and describe what occurs in each of those five scenarios.

It is Sandy’s understanding the City is adopting the design standards and specifications of SUDAS, but they’re not adopting all of the additional documents that are referenced in SUDAS. He said that if there are additional adoptions that need to occur at a later date, then that could be looked at.

Stacie said the City hasn’t changed how they manage stormwater since the Stormwater Commission was formed in 2009 and she is concerned that they are not adopting the Iowa Stormwater Management Manual along with SUDAS. She said water quality needs to be addressed in the drainage report. Sandy responded that based on what Stacie said, that further discussion with Maryann Shinrock is warranted to determine what SUDAS will address as far as water quality is concerned.

Stacie also asked what the language is going to look like in terms of the properties that have already been platted, but not developed yet. Sandy responded that he does not have the details, but he anticipates there will be a transition plan. He will look into what that plan is.

Frank stated that he had heard that SUDAS isn’t that conducive to low impact development, but they’re seeing a movement in that direction. Sandy responded that he doesn’t think the City is trying to accomplish that with the SUDAS transition. He further explained the transition is being done within the City’s Engineering Division and affects all disciplines, including street design as well as other things, and it’s not just a stormwater initiative. That’s not saying this transition is not precluding other enhancements for green infrastructure; this is not the be all and end all of any future green infrastructure changes to our design standards, but rather it’s a framework and foundation for future green infrastructure initiatives.

Discussion was held on what Denver used and that they look at the excess amount of stormwater being generated. You have a given quantity of stormwater pre-development and a given quantity post-development and they look at the excess in between and how you manage that.

B. Stacie would like to know where the request is from November to shave the 1-1/4” off the 5-year and 100-year for the Kenwood Basin. Mike Butterfield will check with Mike Shubert. She would like to know if there was great change in it so she can share the data with the Iowa Flood Center, since they provided the original data on the subbasins. Mike explained they set Kenwood up to an incredible level of detail, that they found not to be very useful once they went through the modeling, considering how much time it took them to do it. Each one of the catchments has their own hydrology calculations. As they proceeded with the next basins, they haven’t gone quite as small. Stacie asked that the Commission is made aware of when a basin report is done.

5. Adjourn Meeting

- Agenda Items for Next Meeting
  A. Commission goals based on previous discussion.
  B. Streambank Restoration Study
C. The new parks superintendent will be invited to talk about the Pollinator Initiative later in the year, since Daniel Gibbons no long works for the City.

- Confirm Next Meeting

The next regularly scheduled Stormwater Commission meeting is scheduled for Monday, **July 2, 2018**, at 5:00 p.m. City Services Center (Public Works) - 2nd Floor – Greene Square Conference Room, 500 15th Avenue SW, Cedar Rapids, IA 52404 - Ph. (319) 286-5802

- The meeting was adjourned at 6:15 p.m.

Respectfully submitted by Tammy Schnell, AAIL, Cedar Rapids Public Works

This summary documents our understanding of items discussed. Please contact our office within five working days with any omissions or discrepancies.

cc: Stormwater Commission Meeting Distribution List
City Councilperson Scott Overland