

Date: May 27, 2015

To: Roger Huff, PE

From: Timothy Drews, PE

Re: South Haven SAW Grant – Asset Management Plan Status Report

The following is intended to provide you with a project status report:

Accomplishments to Date

1. Inventory
 - A list of “missing” manholes was received from the city. We are mostly through the list, and expect to be complete in early June. Some of the manholes are buried and/or missing and could not be located.
2. Condition Assessment
 - MACP (manhole) inspections have continued. We have inspected approximately 775 manholes to-date in the areas highlighted on the attached map. This work continues with an emphasis on storm manholes first.
 - CCTV work – We will kick-off a pilot program for storm and sanitary CCTV work with Plummer's in early June. This program will give us an indication of expected pricing, productivity, etc. A video inspection specification will then be generated for solicitation of quotes.
3. Level of Service
 - Not yet started
4. Criticality of Assets
 - Not yet started
5. O&M Strategies
 - At the March BPU meeting, approval was granted to move forward with engaging Burton and Associates as the utility rate consultant. We are pursuing a contract with Burton.
6. Other Costs
 - Asset Management software presentations were held with CityWorks and Cartegraph in April. Follow-up questions were sent to both with email responses attached.

Upcoming Work

- SAW Progress meeting is scheduled for June 2nd at 10:00 a.m. at DPW
- Gather remaining manhole inventory shots.
- Continue MACP inspections. These inspections will focus on storm manholes first.

- CCTV pilot program with Plummer's, plus develop an RFP for the comprehensive CCTV work (with sewer cleaning option by the city) – we expect that the pilot program will commence in early June.

Scope Changes

- Eliminate Storm Sewer System Metering and Modeling and re-allocate those funds to other Asset Management efforts.

Budget Status

	Budget	Invoiced to Date	Percent Complete
Overall Asset Management Budget	\$1,115,264	\$162,434.29	14.5%
Abonmarche Tasks	\$555,197	\$162,434.29	29.2%
CCTV Work	\$299,397	\$0	0%
Other Sub-consultants	\$38,000	\$0	0%
Software/hardware/training	\$38,000	\$0	0%
City Admin Tasks	\$35,120		
City Pre-cleaning Sewers	\$150,000		

Note: Overall city match for the SAW grant is \$300,332 (per grant award – Cindy Clendenon email dated 05/22/15)

Schedule Status

The projected completion date for the Asset Management plan is anticipated by May 1, 2016

Information Needed from City

- List of projects completed in the past 10-15 years
- Priority list of areas to concentrate CCTV work



Other Issues

- Separate progress reports will be submitted for SAW design related work

cc: Brian Dissette, City of South Haven
Larry Halberstadt, City of South Haven
Cindy Clendenon, MDEQ
Christopher Cook, Abonmarche
Tony McGhee, Abonmarche



Tim Drews

From: Lisa Vanbladeren
Sent: Thursday, May 14, 2015 11:58 AM
To: Tim Drews
Subject: SH Asset Management Software--Cityworks

1. Tim,

I sent a few follow-up questions to Nick Topper at Cityworks that I thought would help clarify a few things after the demonstration. Below are the answers. I have a similar request out to Cartegraph and will send that when I hear back.

I know there was some mention of other local Cityworks clients but could you please provide a list of both clients near South Haven and clients of a similar size?

City of Novi, MI

Population: 56,912

Keri Blough

Geospatial Applications Services Manager

kblough@cityofnovi.org

(248) 347-3279

City of Westland, MI

Population: 79,000

Dan Bourdeau

Chief Innovation Officer: Dept. Innovation & Technology

dbourdeau@cityofwestland.com

(734) 467-7952

City of Butler, IN

Population: 2,687

Jim Otis

GIS/IT Manager

jotis@butler.in.us

(260) 868-5200 x308

2. Can you summarize how pipelogix can integrate with Cityworks? **NT: The Cityworks CCTV Interface for PACP allows Cityworks to support all CCTV applications which are PACP-compliant which includes Pipelogix, a business partner of ours.**
3. Summarizing how our current asset rating system can integrate with the rating system within Cityworks would also be helpful. Would this just be contained in the GIS attributes? Having to “start over” and not being able to utilize the existing system would be a setback. I am sure this is a common concern. **NT: If current asset ratings are contained within the attribute information of an asset in the GIS, Cityworks will “see” it. Condition Scores within Cityworks however are calculated from asset specific inspections and will require a completed Cityworks Inspection to calculate an asset’s Condition Score.**
4. Is there a demo unit that you guys release to potential clients so they interact with the software themselves? **NT: Yes**
5. One of the comments by the Wastewater Treatment Plant Operator was that often times they get calls that are urgent and they don’t have time to go through a detailed work order (all the pull-downs) before deploying first responders. How do you suggest addressing these situations? I understand most clients probably have a clerical person that can be on the phone with the resident while others are heading to the site. **NT: Work Order, Service Request, and Inspection templates can all be configured to display and require only specific fields to be populated prior to its creation within Cityworks to facilitate an efficient workflow. For example, a Work Order template could be configured to only display and require the “Dispatch To”, “Asset Selection”, and “Priority” fields on the Work Order template to be populated before a user is able to quickly create and save a Work Order of that type.**

Lisa VanBladeren

Staff Engineer

Abonmarche

D 269.926.4542

T 269.927.2295 (Ext. 149)

C 269.449.1826

F 269.927.1017

W www.abonmarche.com

Tim Drews

From: Lisa Vanbladeren
Sent: Thursday, May 14, 2015 1:22 PM
To: Tim Drews
Subject: SH Asset Management Software - Cartegraph

Tim,

Below are the responses I received from Matt at Cartegraph. Sounds like he had a bad experience with BH.

1. I know there was some mention of other local Cartegraph clients but could you please provide a list of both clients near South Haven and clients of a similar size?
 - a. We have 700 customers. Most of our Michigan clients are in the Detroit metro area. Kenton McAndrew said one of the main reasons Benton Harbor was going to go with CityWorks was that they have other clients near them. Is that going to be an issue for South Haven that our clients a few hours away?
 - b. We have over 30 customers that are under 5k in population. I'm a little reluctant to provide you a list of these clients. Due to my experience with Benton Harbor, I'm just not sure how close of a relationship Abonmarche has with CityWorks so I'm a little hesitant to provide any customer list.
2. Does Cartegraph offer work-order templates?
 - a. What do you mean by "work order templates"? I know this is CityWorks term, but can you clarify what the customer is looking for here? Everything a user does in Cartegraph is selecting from a drop down list so I'm not sure if they are looking for something in addition to that? If so, please clarify.
3. Is there a demo unit that you guys release to potential clients so they interact with the software themselves?
 - a. No, we don't provide "trial licenses". I have done sessions where I can pass over control of the software to the client so they can try it out and I can walk through some scenario's with them. If they are interested in doing that please let me know.

Lisa VanBladeren

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