

# Board of Public Utilities

## Regular Meeting Agenda

Monday, May 18, 2015  
4:00 p.m., DPW Conference Room  
1199 8<sup>th</sup> Avenue



1. **Call to Order**
2. **Roll Call**
3. **Approval of Agenda**
4. **Approval of Minutes for the Record** – April 27, 2015 Regular Meeting Minutes
5. **Interested Citizens in the Audience Will be Heard on Items Not on the Agenda**

### REPORTS

#### **6. Cost of Energy from Indiana-Michigan Power Company (AEP)**

- A. 2015 Billings – All Charges
- B. 2014 Billings – All Charges

#### **7. Financial Reports**

- A. Electric Fund – Financial Statement
- B. Electric Fund – Review of Percentage Billed
- C. Electric Fund – Capital Projects
- D. Water Fund – Financial Statement
- E. Water Fund – Review of Percentage Billed
- F. Sewer Fund – Financial Statement

#### **8. Unresolved Issues Report**

#### **9. SAW Grant Project Progress Report**

### NEW BUSINESS

#### **10. Abonmarche will present an update of the Sewer System Evaluation Study.**

#### **11. Public Works Director Comments**

- A. Next Meeting is scheduled for June 29, 2015

**12. Board Member Comments**

**13. Adjourn**

RESPECTFULLY SUBMITTED,

Roger Huff, PE  
Public Works Director

# Board of Public Utilities

## Regular Meeting Minutes

Monday, April 27, 2015  
4:00 p.m., DPW Conference Room  
1199 8<sup>th</sup> Avenue



City of South Haven

### 1. Call to Order by Stickland at 4:00 p.m.

### 2. Roll Call

Present: Burr, Henry, Overhiser (ex-officio) Roberts, Rose (ex-officio), Stein, (ex-officio), Stickland

Absent: Winkel

Also present: Wendy Hochstedler, Finance Director; Larry Halberstadt, City Engineer

### 3. Approval of Agenda

Motion by Henry, second by Roberts to approve the April 27, 2015 regular meeting agenda as presented.

All in favor. Motion carried.

### 4. Approval of Minutes for the Record – January 26, 2015 Regular Meeting Minutes March 30, 2015 Regular Meeting Minutes April 13, 2015 Special Meeting Minutes

Motion by Henry, second by Roberts to accept the following minutes for the record:

- January 26, 2015 Regular Meeting Minutes as written
- March 30, 2015 Regular Meeting Minutes as amended
- April 13, 2015 Special Meeting Minutes as revised

All in favor. Motion carried.

### 5. Interested Citizens in the Audience Will be Heard on Items Not on the Agenda

There were none.

## REPORTS

### **6. Cost of Energy from Indiana-Michigan Power Company (AEP)**

- A. 2015 Billings – All Charges
- B. 2014 Billings – All Charges

### **7. Financial Reports**

- A. Electric Fund – Financial Report for period ending December 31, 2014
- B. Electric Fund – Review of Percentage Billed
- C. Electric Fund – Capital Projects
- D. Water Fund – Financial Report for period ending December 31, 2014
- E. Water Fund – Review of Percentage Billed
- F. Sewer Fund – Financial Report for period ending December 31, 2014

Discussion ensued regarding bills being estimated for three (3) months.

Rose queried the motion made at the Special Meeting on April 13, 2015 which Halberstadt explained, noting that Covert customers probably would not be affected.

### **8. Unresolved Issues Report**

Huff updated the board on unresolved issues.

### **9. SAW Grant Project Progress Report**

- A. SAW Grant – Asset Management Plan Project Status Report

Chris Cook, P. E., President/Chief Executive Officer, Abonmarche: Updated the board on the scope of the project and recent developments, noting that a month or so ago, Abonmarche staff met with a rate consultant as part of the SAW grant study. Looking at rates and storm sewer costs. Will be meeting tomorrow with two vendors of asset management software and looking into managing the assets of the sewer system including the ability for software to be used in the field by staff. Noted that there is another year's worth of delving into this sizeable study.

### **10. Quarterly Outage Report**

Discussion referenced squirrel guards; failed devices and maintenance. Huff noted that the overall yearly tree incidents were lower than last year.

## NEW BUSINESS

### **11. Abonmarche will present an update of the Sewer System Study improvements funding.**

Huff noted that Abonmarche's report is on the S-2.

Chris Cook, Abonmarche: Explained that the first exhibit “shows the projects before us and takes us through an annual evaluation of each section; trying to find a way to fund that from cash flows of roughly one million dollars (\$1M) per year.” Cook explained that projects identified were infiltration and inflow or structural defects that warranted replacement. That process identified areas that need sewer work; streets which need additional storm drain and work and evaluated those costs. Cook noted significant needs at the wastewater plant from a study five (5) years ago. Cook: “This “pay-as-you-go” approach provides flexibility on what projects get done year by year, but doesn’t allow the necessary things to be done now when they are needed; maintenance deferred doesn’t get any better.” Cook noted that most of the work is localized in the central part of the city and that the main lift station was also identified in the waste water treatment plant report as well as in Abonmarche’s study. Headworks at the plant; screening and the Black River Street project that ties into main lift station; a six million dollar (\$6M) project moves down into mid-2020 in this plan. Cook noted that those needs will probably be here sooner than ten (10) years from now and might require loans or bonding.

Cook displayed a second exhibit which “would expedite the work and get to more critical items sooner.” Cook noted that the Dyckman Avenue street work is ongoing; ravine work and the next phase of Kalamazoo Street are the same in both options. Cook described this as about a thirteen million dollar (\$13M) price tag stretched over three (3) construction seasons and two (2) borrowings rather than waiting out ten (10) to twenty (20) years. This would be funded by a combination of State Revenue loan funds, which were always intended to be used, at two and a half percent (2.5%) for two (2) years. Costs for infrastructure and the waste water treatment would be funded by a United States Department of Agriculture (USDA) loan stretched over thirty (30) to forty (40) years at about four percent (4%) interest. Cook summed this up as a way to responsibly address all of the issues over the life span of the assets with not quite as big an infusion of cash as the pay-as-you-go.

Roberts asked what the annual commitment would be if the city went for a bond/loan which Cook responded to. The first plan, “pay-as-you-go,” was around one million dollars (\$1M) for the first six (6) years, then ramps up some in subsequent years, until 2016 which would be a six point two million dollar (\$6.2M) year for the waste water treatment plant, delaying some of the cost. Cook indicated that it is hard to give an exact dollar amount per year since the lion’s share will be done up front, then there would be the smaller three (3) construction seasons at about one point two million dollars (\$1.2M) per year with the worst year being one point six million dollars (\$1.6M).

Stein noted the cost estimates going out will increase and Cook confirmed that everything is based on today’s dollars. Stein pointed out there will be a cost savings realized by doing the work sooner rather than later.

Dan Dombos, P. E., Project Engineer/Abonmarche: “The waste water treatment plant’s needs were addressed in a study done five (5) years ago; the second scenario would put us back on track with the original study of the waste water treatment plant.”

Discussion ensued regarding the dollar amount staff will focus on; rate increases; special assessments and the July 1, 2015 deadline for Cook’s presentation of the S-2 plan to the Department of Environmental Quality (DEQ). Also discussed were the commitment made by

the city in accepting the grant; extensions that have been made; the risk of repaying the grant and the obligation made by the city by accepting the grant from the state.

Overhiser had questions regarding the proportion of how much of the funding will be rates and how much will be special assessments. Stickland explained that special assessments will vary based on who is served while rate increases will be for things that affect all customers. Halberstadt stated that historically the city has only assessed for twenty-five percent (25%) of costs for improvements which is divided amongst those connecting to that line, then the rates get spread over the customers. Discussion ensued regarding term length of the loans and assessments.

**12. Board will review draft budgets for the Electric, Water, and Sewer funds for the 2015 - 2016 fiscal year.**

Burr would like to see one million dollars (\$1M) set aside in the budget for capital improvement plans. Huff said we plan to do two (2) more phases of the Core City project and GRP has that contract. Hochstedler asked if that was in the 5-yr. plan. Huff said it was requested by the board when they were presented the five (5)-year plan but it was not included in the five (5)-year plan. Stickland would like to see that one million dollars (\$1M) being used constantly to maintain the electric system to keep our proud reliability reputation going. Hochstedler questioned whether Burr wants her to add that into the budget and Burr responded yes.

Hochstedler talked about the raise included in the Electric and noted that the PJM cost recovery is not in there; Hochstedler ran some numbers of what we would recover but that is not in the budget. Burr noted there may need to be a rate adjustment and at that time we plug in the PJ&M resolution. Hochstedler said a one percent (1%) increase in the Purchased Power line in the budget.

Motion by Henry, second by Roberts to recommend approval of the electric budget with the following changes:

1. Take out the two percent (2%) cost-of-living increase contingent on results of projected rates from I & M annual meeting
2. Increase capital outlay to one million dollars (\$1M)

All in favor. Motion carried.

Hochstedler reviewed the water fund noting that the capital portion includes Phase Three (3) of Kalamazoo Street; design engineering for Monroe Boulevard/Indian Grove Lift Station; Drinking Water System Radio Network Overhaul and several other capital improvements. Hochstedler noted, "The net reserves are current assets minus current liabilities so it's the working capital you have to use."

Motion by Roberts, second by Henry to approve the water fund as presented by staff.

All in favor. Motion carried.

Halberstadt reviewed the projects identified in the S-2 study to eliminate some infiltration behind the Wellness Center and other projects. Hochstedler noted the two percent (2%) is built in.

A discussion ensued regarding the use of two million dollars (\$2M) of operating reserves to pay off debt with Hochstedler noting that she is trying to recoup some of that little by little; debt service variations from year to year and the possible consolidation of Capital Outlays. Hochstedler and Halberstadt noted they will address these issues with the rate consultants.

Motion by Roberts, second by Henry to approve the sewer utility as presented.

All in favor. Motion carried.

Halberstadt reviewed the PJM Charges and how the rates are calculated.

**13. Board will review information concerning the Federal Clean Power Plan.**

After a question by Henry, Halberstadt responded that he does not know what the state's position will be. Henry noted that what the EPA is suggesting will be a significant impact. Burr relayed some information from a discussion he had with State Representative Aric Nesbitt.

**14. Public Works Director Comments**

A. Next Meeting is scheduled for May 18, 2015 (Moved forward one week due to Memorial Day on May 25)

**15. Board Member Comments**

Burr: No comment.

Henry: No comment.

Overhiser: No comment.

Rose: Aric Nesbitt will be keynote speaker at Covert's Memorial Day parade. The new switchyard at Covert Generating is a really active work site.

Roberts: Thanks to Halberstadt for the PJM presentation.

Stein: No comment.

Stickland: No comment.

**16. Adjourn**

Motion by Burr, second by Roberts at 6 p.m.

All in favor. Motion carried.

April 27, 2015  
Board of Public Utilities  
Minutes - draft

RESPECTFULLY SUBMITTED,

Marsha Ransom  
Recording Secretary

**CITY OF SOUTH HAVEN**  
 Cost of Electric Energy from Indiana-Michigan Power Company (AEP)  
 2014

Date	ACTUAL				BILLING			COST				PJM Open Access Transmission Tariff							Total Cost	cts/ KWHR	
	KW Demand	KVAR Demand	KVA	Power Factor	KW Demand	KVAR Demand	KWHRS	\$ KW Demand	\$ KWHR	\$ Fuel Charge	\$ Fuel Adjust	Actual Fuel True-up	Sch 1A \$ KWHRS	\$ Network	RTO Start-up \$	Other	Credits	Total PJM			
Main	11,432	1,646	11,550	0.9898	11,432	1,646	7,085,827	\$185,609.79	\$75,459.10												
Welder	333	269	428	0.7774	333	269	153,577	\$5,398.47	\$1,635.48												
Phoenix	8,053	1,020	8,117	0.9921	8,053	1,020	4,768,206	\$130,748.35	\$50,778.06												
Welder	0	0	0		0	0	0	\$0.00	\$0.00												
<b>Dec-14</b>	<b>19,818</b>	<b>2,935</b>	<b>20,034</b>	<b>0.9892</b>	<b>19,817</b>	<b>2,935</b>	<b>12,007,610</b>	<b>\$321,756.61</b>	<b>\$127,872.64</b>	<b>\$213,609.38</b>	<b>\$7,797.74</b>	<b>\$60,535.03</b>	<b>\$1,573.24</b>	<b>\$108,790.08</b>	<b>\$299.21</b>	<b>\$15,805.37</b>	<b>(\$1,585.52)</b>	<b>\$124,882.38</b>	<b>\$856,453.78</b>	<b>7.133</b>	
Main	12,007	1,673	12,123	0.9904	12,003	1,673	6,729,178	\$194,883.96	\$71,661.03												
Welder	352	355	500	0.7036	352	355	123,903	\$5,706.95	\$1,319.48												
Phoenix	7,901	939	7,957	0.9930	7,899	939	4,543,741	\$128,253.03	\$48,387.66												
Welder	6	7	9	0.6658	6	7	4,150	\$94.17	\$44.19												
<b>Nov-14</b>	<b>20,266</b>	<b>2,973</b>	<b>20,483</b>	<b>0.9894</b>	<b>20,260</b>	<b>2,973</b>	<b>11,400,971</b>	<b>\$328,938.11</b>	<b>\$121,412.36</b>	<b>\$202,817.57</b>	<b>(\$65,271.70)</b>	<b>(\$1,364.06)</b>	<b>\$1,493.76</b>	<b>\$105,280.72</b>	<b>\$289.56</b>	<b>\$16,026.12</b>	<b>(\$1,439.90)</b>	<b>\$121,650.26</b>	<b>\$708,182.54</b>	<b>6.212</b>	
Main	18,379	4,189	18,850	0.9750	18,369	4,189	9,061,510	\$298,233.08	\$96,498.74												
Welder	309	284	420	0.7354	309	284	142,496	\$5,010.43	\$1,517.48												
Phoenix	10	24	25	0.3782	5	24	2,118,777	\$74.69	\$22,563.49												
Welder	6	7	9	0.6658	6	7	4,282	\$94.17	\$45.60												
<b>Oct-14</b>	<b>18,703</b>	<b>4,503</b>	<b>19,238</b>	<b>0.9722</b>	<b>18,688</b>	<b>4,503</b>	<b>11,327,065</b>	<b>\$303,412.36</b>	<b>\$120,625.31</b>	<b>\$201,502.82</b>	<b>(\$33,179.24)</b>	<b>\$16,236.53</b>	<b>\$1,484.08</b>	<b>\$108,790.08</b>	<b>\$299.21</b>	<b>\$17,152.73</b>	<b>(\$1,357.26)</b>	<b>\$126,368.84</b>	<b>\$734,966.62</b>	<b>6.489</b>	
Main	16,115	5,015	16,877	0.9548	16,112	5,015	8,006,033	\$261,594.43	\$85,258.65												
Welder	265	254	367	0.7230	265	254	131,837	\$4,307.41	\$1,403.97												
Phoenix	11,860	4,871	12,821	0.9250	11,857	4,871	3,682,892	\$192,514.47	\$39,220.22												
Welder	6	7	9	0.6658	6	7	4,144	\$94.17	\$44.13												
<b>Sep-14</b>	<b>28,246</b>	<b>10,146</b>	<b>30,013</b>	<b>0.9411</b>	<b>28,240</b>	<b>10,146</b>	<b>11,824,906</b>	<b>\$458,510.48</b>	<b>\$125,926.97</b>	<b>\$210,359.17</b>	<b>(\$46,334.71)</b>	<b>\$11,060.21</b>	<b>\$1,549.30</b>	<b>\$105,280.72</b>	<b>\$289.56</b>	<b>\$17,328.13</b>	<b>(\$1,342.88)</b>	<b>\$123,104.83</b>	<b>\$882,626.95</b>	<b>7.464</b>	
Main	17,344	5,375	18,158	0.9552	17,344	5,375	8,324,249	\$281,597.27	\$88,647.42												
Welder	358	342	495	0.7237	358	342	116,920	\$5,814.11	\$1,245.12												
Phoenix	12,794	5,443	13,903	0.9202	12,794	5,443	6,038,441	\$207,716.97	\$64,305.17												
Welder	8	17	19	0.4368	8	17	6,431	\$136.38	\$68.49												
<b>Aug-14</b>	<b>30,504</b>	<b>11,177</b>	<b>32,487</b>	<b>0.9390</b>	<b>30,504</b>	<b>11,177</b>	<b>14,486,040</b>	<b>\$495,264.73</b>	<b>\$154,266.19</b>	<b>\$257,699.41</b>	<b>(\$38,669.04)</b>	<b>\$30,716.83</b>	<b>\$1,897.97</b>	<b>\$108,790.05</b>	<b>\$299.21</b>	<b>\$16,772.20</b>	<b>(\$1,567.24)</b>	<b>\$126,192.19</b>	<b>\$1,025,470.31</b>	<b>7.079</b>	
Main	16,930	5,025	17,660	0.9587	16,930	5,025	7,907,886	\$274,875.40	\$84,213.45												
Welder	251	125	280	0.8945	251	125	130,862	\$4,070.37	\$1,393.59												
Phoenix	12,527	4,460	13,298	0.9421	12,527	4,460	5,672,349	\$203,391.54	\$60,406.54												
Welder	8	18	20	0.4307	8	18	6,555	\$136.38	\$69.80												
<b>Jul-14</b>	<b>29,716</b>	<b>9,628</b>	<b>31,237</b>	<b>0.9513</b>	<b>29,716</b>	<b>9,628</b>	<b>13,717,651</b>	<b>\$482,473.68</b>	<b>\$146,083.38</b>	<b>\$244,030.16</b>	<b>(\$44,811.45)</b>	<b>\$27,682.40</b>	<b>\$1,797.29</b>	<b>\$108,790.05</b>	<b>\$299.21</b>	<b>\$16,658.83</b>	<b>(\$1,607.15)</b>	<b>\$125,938.23</b>	<b>\$981,396.40</b>	<b>7.154</b>	
Main	16,223	4,553	16,850	0.9628	16,223	4,553	7,323,514	\$263,396.55	\$77,990.30												
Welder	10	22	24	0.4238	10	22	131,334	\$165.61	\$1,398.61												
Phoenix	12,192	4,498	12,996	0.9382	12,192	4,498	5,285,671	\$197,955.73	\$56,288.70												
Welder	8	19	20	0.4134	8	19	6,421	\$136.38	\$68.38												
<b>Jun-14</b>	<b>28,434</b>	<b>9,092</b>	<b>29,952</b>	<b>0.9525</b>	<b>28,434</b>	<b>9,092</b>	<b>12,746,939</b>	<b>\$461,654.26</b>	<b>\$135,745.98</b>	<b>\$226,761.68</b>	<b>(\$44,703.52)</b>	<b>\$23,664.10</b>	<b>\$1,092.76</b>	<b>\$89,707.48</b>	<b>\$289.56</b>	<b>\$13,460.59</b>	<b>(\$1,301.93)</b>	<b>\$103,248.46</b>	<b>\$906,370.96</b>	<b>7.110</b>	
Main	12,148	2,693	12,443	0.9763	12,148	2,693	6,470,207	\$199,737.00	\$62,245.98												
Welder	242	210	321	0.7548	242	210	137,320	\$3,980.61	\$1,321.07												
Phoenix	9,104	2,965	9,575	0.9508	9,104	2,965	4,589,361	\$149,685.91	\$44,151.48												
Welder	9	25	27	0.3318	9	25	6,845	\$146.33	\$65.85												
<b>May-14</b>	<b>21,503</b>	<b>5,894</b>	<b>22,296</b>	<b>0.9644</b>	<b>21,503</b>	<b>5,894</b>	<b>11,203,733</b>	<b>\$353,549.86</b>	<b>\$107,784.39</b>	<b>\$168,627.37</b>	<b>(\$13,600.21)</b>	<b>\$16,585.82</b>	<b>\$960.46</b>	<b>\$92,697.73</b>	<b>\$299.21</b>	<b>\$11,967.29</b>	<b>(\$1,309.38)</b>	<b>\$104,615.31</b>	<b>\$737,562.54</b>	<b>6.583</b>	
Main	11,035	2,280	11,268	0.9793	11,035	2,280	6,200,288	\$181,437.72	\$59,649.25												
Welder	275	340	437	0.6288	275	340	140,285	\$4,518.26	\$1,349.59												
Phoenix	7,223	155	7,225	0.9998	7,223	155	4,026,846	\$118,767.39	\$38,739.87												
Welder	9	23	25	0.3693	9	23	6,598	\$149.62	\$63.48												
<b>Apr-14</b>	<b>18,542</b>	<b>2,798</b>	<b>18,752</b>	<b>0.9888</b>	<b>18,542</b>	<b>2,798</b>	<b>10,374,017</b>	<b>\$304,872.99</b>	<b>\$99,802.19</b>	<b>\$156,139.32</b>	<b>(\$11,636.53)</b>	<b>(\$12,558.64)</b>	<b>\$889.33</b>	<b>\$89,707.48</b>	<b>\$289.56</b>	<b>\$11,967.29</b>	<b>(\$1,364.68)</b>	<b>\$101,488.98</b>	<b>\$638,108.31</b>	<b>6.151</b>	
Main	11,756	1,283	11,826	0.9941	11,756	1,283	6,923,540	\$193,291.82	\$66,607.22												
Welder	242	304	388	0.6216	242	304	140,739	\$3,970.74	\$1,353.96												
Phoenix	7,975	1,170	8,060	0.9894	7,975	1,170	4,701,765	\$131,124.62	\$45,232.86												
Welder	9	26	27	0.3239	9	26	6,989	\$146.33	\$67.24												
<b>Mar-14</b>	<b>19,981</b>	<b>2,784</b>	<b>20,174</b>	<b>0.9904</b>	<b>19,981</b>	<b>2,784</b>	<b>11,773,033</b>	<b>\$328,533.52</b>	<b>\$113,261.29</b>	<b>\$177,195.92</b>	<b>(\$10,877.11)</b>	<b>(\$44,950.65)</b>	<b>\$1,009.27</b>	<b>\$92,697.73</b>	<b>\$299.21</b>	<b>\$11,967.29</b>	<b>(\$1,935.73)</b>	<b>\$104,037.77</b>	<b>\$667,200.74</b>	<b>5.667</b>	
Main	11,651	1,530	11,751	0.9915	11,651	1,530	6,719,607	\$191,565.41	\$64,645.31												
Welder	371	312	485	0.7652	371	312	141,182	\$6,098.34	\$1,358.23												
Phoenix	8,190	1,078	8,261	0.9915	8,190	1,078	4,543,059	\$134,666.23	\$43,706.04												
Welder	9	22	24	0.3867	9	22	6,223	\$149.62	\$59.87												
<b>Feb-14</b>	<b>20,221</b>	<b>2,941</b>	<b>20,434</b>	<b>0.9896</b>	<b>20,221</b>	<b>2,941</b>	<b>11,410,071</b>	<b>\$332,479.60</b>	<b>\$109,769.45</b>	<b>\$171,732.98</b>	<b>\$19,759.96</b>	<b>(\$46,438.54)</b>	<b>\$978.15</b>	<b>\$83,726.98</b>	<b>\$270.26</b>	<b>\$11,967.30</b>	<b>(\$1,743.34)</b>	<b>\$95,199.35</b>	<b>\$682,502.80</b>	<b>5.982</b>	
Main	12,263	1,559	12,362	0.9920	12,263	1,559	7,522,5														

**CITY OF SOUTH HAVEN**  
 Cost of Electric Energy from Indiana-Michigan Power Company (AEP)

**2015**

Main	10,537	1,286	10,615	0.9926	10,537	1,286	6,040,137	\$171,083.21	\$64,323.23												
Welder	390	310	498	0.7831	390	310	195,761	\$6,336.10	\$2,084.71												
Phoenix	7,096	851	7,147	0.9929	7,096	851	4,174,049	\$115,215.53	\$44,450.69												
<b>Apr-15</b>	<b>18,023</b>	<b>2,446</b>	<b>18,189</b>	<b>0.9909</b>	<b>18,024</b>	<b>2,446</b>	<b>10,409,946</b>	<b>\$292,634.84</b>	<b>\$110,858.64</b>	<b>\$185,187.73</b>	<b>(\$1,746.79)</b>	<b>\$69,775.22</b>	<b>\$1,363.92</b>	<b>\$61,771.70</b>	<b>\$158.98</b>	<b>\$10,490.59</b>	<b>(\$618.08)</b>	<b>\$73,167.11</b>	<b>\$729,876.75</b>	<b>7.011</b>	
Main	11,515	1,311	11,589	0.9936	11,515	1,311	6,754,204	\$186,957.70	\$71,927.55												
Welder	332	28	333	0.9965	332	28	206,604	\$5,390.35	\$2,200.19												
Phoenix	8,000	1,092	8,074	0.9908	8,000	1,092	4,651,132	\$129,883.29	\$49,531.29												
<b>Mar-15</b>	<b>19,847</b>	<b>2,430</b>	<b>19,995</b>	<b>0.9926</b>	<b>19,847</b>	<b>2,430</b>	<b>11,611,940</b>	<b>\$322,231.35</b>	<b>\$123,659.03</b>	<b>\$206,570.61</b>	<b>(\$8,109.78)</b>	<b>(\$5,469.59)</b>	<b>\$1,521.40</b>	<b>\$63,830.75</b>	<b>\$164.28</b>	<b>\$10,490.61</b>	<b>(\$872.04)</b>	<b>\$75,135.00</b>	<b>\$714,016.62</b>	<b>6.149</b>	
Main	12,184	1,570	12,285	0.9918	12,178	1,570	7,974,908	\$197,728.02	\$84,927.19												
Welder	408	367	548	0.7432	408	367	175,313	\$6,616.17	\$1,866.96												
Phoenix	8,257	1,195	8,343	0.9897	8,253	1,195	3,492,559	\$133,997.33	\$37,193.31												
<b>Feb-15</b>	<b>20,849</b>	<b>3,132</b>	<b>21,083</b>	<b>0.9889</b>	<b>20,839</b>	<b>3,132</b>	<b>11,642,780</b>	<b>\$338,341.52</b>	<b>\$123,987.46</b>	<b>\$207,119.25</b>	<b>(\$51,728.87)</b>	<b>(\$41,147.55)</b>	<b>\$1,525.44</b>	<b>\$57,653.58</b>	<b>\$148.38</b>	<b>\$10,490.61</b>	<b>(\$1,135.22)</b>	<b>\$68,682.79</b>	<b>\$645,254.60</b>	<b>5.542</b>	
Main	12,325	1,739	12,447	0.9902	12,325	1,739	7,443,979	\$200,108.62	\$79,273.16												
Welder	331	309	453	0.7313	331	309	160,777	\$5,374.12	\$1,712.17												
Phoenix	8,581	1,288	8,677	0.9889	8,581	1,288	5,041,513	\$139,316.16	\$53,688.58												
<b>Jan-15</b>	<b>21,237</b>	<b>3,336</b>	<b>21,497</b>	<b>0.9879</b>	<b>21,237</b>	<b>3,336</b>	<b>12,646,269</b>	<b>\$344,798.90</b>	<b>\$134,673.91</b>	<b>\$224,970.80</b>	<b>\$16,637.43</b>	<b>\$100,270.82</b>	<b>\$1,656.92</b>	<b>\$63,830.75</b>	<b>\$164.28</b>	<b>\$10,490.61</b>	<b>(\$994.22)</b>	<b>\$75,148.34</b>	<b>\$896,500.20</b>	<b>7.089</b>	

Year to Date 2015:

46,310,935

2,985,648 6.447

City of South Haven  
Electric Fund - Fund 582  
For the period ended April 30, 2015

Col 6 & 11

Revenues:	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2014-15 Adopted Budget	% of Annual Budget
Electric Sales	\$ 981,526	\$ 1,172,809	\$ 1,037,052	\$ (191,283)	\$ (55,527)	\$ 11,310,654	\$ 11,728,085	\$ 12,061,175	\$ (417,431)	\$ (750,521)	\$ 14,073,702	80%
Charges for Service	\$ 11,566	\$ 12,500	\$ 10,205	\$ (934)	\$ 1,362	\$ 74,423	\$ 125,000	\$ 175,179	\$ (50,577)	\$ (100,756)	\$ 150,000	50%
Interest Income	\$ 2,022	\$ 2,500	\$ 1,467	\$ (478)	\$ 554	\$ 49,606	\$ 25,000	\$ 50,913	\$ 24,606	\$ (1,306)	\$ 30,000	165%
Other Revenue	\$ 3,307	\$ 3,333	\$ 3,307	\$ (27)	\$ (0)	\$ 26,776	\$ 33,333	\$ 53,943	\$ (6,557)	\$ (27,166)	\$ 40,000	67%
Transfers In	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
<b>Total Revenues</b>	<b>\$ 998,420</b>	<b>\$ 1,191,142</b>	<b>\$ 1,052,031</b>	<b>\$ (192,722)</b>	<b>\$ (53,611)</b>	<b>\$ 11,461,460</b>	<b>\$ 11,911,418</b>	<b>\$ 12,341,209</b>	<b>\$ (449,959)</b>	<b>\$ (879,750)</b>	<b>\$ 14,293,702</b>	

1                      2                      3                      4                      5                      6                      7                      8                      9                      10                      11

Expenses	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2014-15 Adopted Budget	% of Annual Budget
Purchased Power	\$ 1,443,893	\$ 800,000	\$ 638,108	\$ 643,893	\$ 805,785	\$ 8,888,721	\$ 8,000,000	\$ 7,918,519	\$ 888,721	\$ 970,202	\$ 9,600,000	93%
Other Operating Expenses	\$ 113,034	\$ 148,849	\$ 275,643	\$ (35,815)	\$ (162,609)	\$ 1,465,420	\$ 1,488,492	\$ 1,633,378	\$ (23,072)	\$ (167,959)	\$ 1,786,190	82%
Property Tax Equivalents	\$ 59,557	\$ 59,557	\$ 57,236	\$ 0	\$ 2,321	\$ 595,571	\$ 595,571	\$ 572,358	\$ 0	\$ 23,213	\$ 714,685	83%
Energy Optimization Costs	\$ 47,498	\$ 23,208	\$ 23,026	\$ 24,289	\$ 24,471	\$ 232,514	\$ 232,083	\$ 224,086	\$ 431	\$ 8,428	\$ 278,500	83%
Capital Outlay	\$ 376,581	\$ 305,752	\$ 48,729	\$ 70,829	\$ 327,852	\$ 3,721,154	\$ 3,057,523	\$ 78,229	\$ 663,631	\$ 3,642,925	\$ 3,669,027	101%
Transfer Out	\$ 14,025	\$ 14,025	\$ 14,754	\$ (0)	\$ (729)	\$ 140,251	\$ 140,251	\$ 147,541	\$ (0)	\$ (7,290)	\$ 168,301	83%
Depreciation	\$ 55,873	\$ 55,873	\$ 39,510	\$ -	\$ 16,363	\$ 558,732	\$ 558,732	\$ 395,103	\$ -	\$ 163,628	\$ 670,478	83%
Administrative Expenses	\$ 54,829	\$ 62,761	\$ 110,790	\$ (7,932)	\$ (55,962)	\$ 605,698	\$ 627,605	\$ 627,741	\$ (21,907)	\$ (22,044)	\$ 753,126	80%
<b>Total Expenses</b>	<b>\$ 2,165,290</b>	<b>\$ 1,470,026</b>	<b>\$ 1,207,797</b>	<b>\$ 695,265</b>	<b>\$ 957,493</b>	<b>\$ 16,208,061</b>	<b>\$ 14,700,256</b>	<b>\$ 11,596,957</b>	<b>\$ 1,507,805</b>	<b>\$ 4,611,104</b>	<b>\$ 17,640,307</b>	

Net Fund Change                      \$ (1,166,870)    \$ (278,884)    \$ (155,766)    \$ (887,986)    \$ (1,011,104)    \$ (4,746,601)    \$ (2,788,838)    \$ 744,253    \$ (1,957,764)    \$ (5,490,854)    \$ (3,346,605)

AS OF JUNE 30, 2014	
Retained Earnings	\$ 17,951,744
Less Net Capital Assets	\$ (11,195,364)
<b>Net Undesignated Reserves</b>	<b>\$ 6,756,380</b>

The Difference here is the addition of new capital assets less new depreciation for FY 15

PROJECTED AS OF JUNE 30, 2015	
Retained Earnings - Beginning of yr	\$ 17,951,744
Projected Net Income (see below)    FY 15	\$ 322,422
Less Net Capital Assets	\$ (14,193,913)
<b>Net Undesignated Reserves</b>	<b>\$ 4,080,253</b>

The 2015 Budget figures include the projects approved by the BPU to date and a revised depreciation figure  
The capital outlay also includes WI FI project costs - DPW Storage building and Office renovations have been removed

Year end audit adjustments - not expenses on Income statement                      →

FY 2015 Revenues	<b>\$ 14,293,702</b>
FY 2015 Expenses	<b>\$ (17,640,307)</b>
Net Fund Change	<b>\$ (3,346,605)</b>
Add back Investment in Capital Assets	<b>\$ 3,669,027</b>
Projected Net Income	<b>\$ 322,422</b>

CITY OF SOUTH HAVEN  
ELECTRIC FUND  
KWH COMPARISONS  
ROLLING TWELVE MONTHS

		KWH PURCHASED	KWH BILLED	KWH STREET LTS	STREET LTS 12 MO AVE.	TOTAL KWH BILLED AND STREET LTS	PERCENTAGE BILLED AND STREET LTS TO PURCHASED (ROLLING 12 MOS)	PERCENTAGE BILLED AND STREET LTS TO PURCHASED CURRENT MONTH	
<b>FISCAL 2013</b>									
July	2012	17,466,170	14,702,549	38,276	52,303	14,740,825	93.26%	84.40%	31
August	2012	14,358,453	15,845,089	43,385	52,376	15,888,474	93.50%	110.66%	31
September	2012	11,481,145	12,211,557	48,595	52,463	12,260,152	94.22%	106.79%	30
October	2012	10,545,910	9,741,443	54,699	52,284	9,796,142	94.11%	92.89%	31
November	2012	10,466,158	10,312,656	61,617	52,287	10,374,273	94.68%	99.12%	30
December	2012	11,131,795	9,798,623	69,065	52,368	9,867,688	94.46%	88.64%	31
January	2013	11,560,064	10,621,867	68,768	52,615	10,690,635	94.14%	92.48%	31
February	2013	10,550,434	10,544,686	59,658	52,705	10,604,344	94.21%	100.51%	29
March	2013	11,110,656	10,170,132	53,004	52,242	10,223,136	93.95%	92.01%	31
April	2013	10,233,332	9,906,424	48,201	52,313	9,954,625	94.19%	97.28%	30
May	2013	11,168,009	10,537,176	44,120	52,288	10,581,296	94.78%	94.75%	31
June	2013	11,593,465	10,064,318	37,708	52,258	10,102,026	95.35%	87.14%	30
		<u>141,665,592</u>	<u>134,456,520</u>	<u>627,096</u>		<u>135,083,616</u>			
<b>FISCAL 2014</b>									
July	2013	14,702,976	12,364,189	37,740	52,213	12,401,929	94.64%	84.35%	31
August	2013	13,559,712	13,582,248	42,342	52,126	13,624,590	94.42%	100.48%	31
September	2013	11,670,399	12,462,283	48,796	52,143	12,511,079	95.03%	107.20%	30
October	2013	10,945,398	10,453,792	54,475	52,125	10,508,267	94.91%	96.01%	31
November	2013	10,657,150	9,502,492	58,511	51,866	9,561,003	94.96%	89.71%	30
December	2013	11,962,287	10,244,088	71,063	52,032	10,315,151	94.68%	86.23%	31
January	2014	12,608,593	10,959,716	65,878	51,791	11,025,594	94.12%	87.45%	31
February	2014	11,410,071	12,066,200	59,636	51,790	12,125,836	94.72%	106.27%	29
March	2014	11,773,033	10,878,414	54,626	51,925	10,933,040	94.54%	92.87%	31
April	2014	10,374,016	10,020,033	48,541	51,953	10,068,574	94.63%	97.06%	30
May	2014	11,203,732	10,614,984	44,334	51,971	10,659,318	94.97%	95.14%	31
June	2014	12,746,940	11,082,867	39,220	52,097	11,122,087	93.90%	87.25%	30
		<u>143,614,306</u>	<u>134,231,306</u>	<u>625,162</u>		<u>134,856,468</u>			
<b>FISCAL 2015</b>									
July	2014	13,717,651	12,578,551	38,129	52,129	12,616,680	93.99%	91.97%	31
August	2014	14,486,040	12,740,027	42,644	52,154	12,782,671	93.13%	88.24%	31
September	2014	11,824,906	13,323,234	48,696	52,146	13,371,930	93.87%	113.08%	30
October	2014	11,327,065	11,109,952	55,667	52,245	11,165,619	94.22%	98.57%	31
November	2014	11,400,971	10,662,987	62,443	52,573	10,725,430	94.56%	94.07%	30
December	2014	12,007,610	11,126,842	67,163	52,248	11,194,005	94.83%	93.22%	31
January	2015	12,646,269	11,962,202	63,831	52,078	12,026,033	94.37%	95.10%	31
February	2015	11,642,781	11,272,243	59,367	52,055	11,331,610	94.56%	97.33%	29
March	2015	11,611,940	10,475,991	55,391	52,119	10,531,382	94.30%	90.69%	31
April	2015	10,409,946	10,889,321	49,374	52,188	10,938,695	94.67%	105.08%	30
		<u>121,075,179</u>	<u>116,141,350</u>	<u>542,705</u>		<u>116,684,055</u>			
Prior Year-to-date		119,663,634	112,533,455	541,608		113,075,063			
Two Years Prior		118,904,118	113,855,026	545,268		114,400,294			

ELECTRIC FUND  
CAPITAL PROJECTS  
ACTIVITY THROUGH FEBRUARY, AS BUDGETED FOR FY 15 AND PRELIM PROJECTIONS FOR FY 16

GL Number	Description	2013-14 Activity	Amended Budget	YTD as of 4/30/15	2014-15 Projected	2015-16 REQUESTED	
<b>--- Appropriations ---</b>							
582-558-975-000-0170	BUILDINGS/ADDITIONS IMPROVE	-	-	7,050	-	-	DPW Office Renovations
582-558-975-000-0220	BUILDINGS/ADDITIONS IMPROVE	-	-	1,363	-	-	DPW Storage Building
582-558-977-000	EQUIPMENT - SHOP	-	-	-	-	16,000	C.I.P. - Walk-Behind Trencher
582-558-979-000	EQUIPMENT - YARD & STORAGE	-	3,000	1,025	3,000	3,000	
582-558-980-000	OFFICE EQUIPMENT & FURNITURE	-	-	-	-	-	
582-558-988-000	ELECTRICAL SYSTEM CONSTR	-	-	607	-	-	
582-558-988-000-0151	ELECTRICAL SYSTEM CONSTR	-	212,000	206,949	212,000	-	Downtown WI FI project
582-558-988-000-0175	ELECTRICAL SYSTEM CONSTR	-	1,502,000	1,587,800.69	1,502,000	-	Core City Secondary Engineering and construction
582-558-988-000-0303	ELECTRICAL SYSTEM CONSTR	-	349,000	542,527.49	349,000	-	Veterans UG Conduit Engineering and construction
582-558-988-000-0304	ELECTRICAL SYSTEM CONSTR	-	181,000	45,869.41	181,000	-	2nd Ave/Blue Star/6th Engineering and construction
582-558-988-000-0305	ELECTRICAL SYSTEM CONSTR	-	84,000	37,004.06	84,000	-	Lovejoy to Aylworth Engineering and construction
582-558-988-000-0307	ELECTRICAL SYSTEM CONSTR	-	39,500	1,000.00	39,500	-	Capacitor Banks 1 Engineering and construction
582-558-988-000-0308	ELECTRICAL SYSTEM CONSTR	-	-	0.00	-	52,800	14th Ave Electric Engineering and construction
582-558-988-000-0309	ELECTRICAL SYSTEM CONSTR	-	159,000	41,150.31	159,000	-	St. Joseph Electric Engineering and construction
582-558-988-000-0310	ELECTRICAL SYSTEM CONSTR	-	-	-	-	49,500	Kalamazoo St Elec Engineering and construction
582-558-988-000-0312	ELECTRICAL SYSTEM CONSTR	-	-	-	-	22,000	Capacitor Banks 2 Engineering and construction
582-558-988-000-0313	ELECTRICAL SYSTEM CONSTR	-	-	-	-	220,000	FUTURE LaGrange/Phillips Elec Engineering and construction
582-558-988-000-0314	ELECTRICAL SYSTEM CONSTR	-	-	-	-	165,000	FUTURE 76th St Electric Engineering and construction
582-558-988-000-0315	ELECTRICAL SYSTEM CONSTR	-	-	-	-	66,000	FUTURE Monroe Blvd Elec Engineering and construction
582-558-988-000-0316	ELECTRICAL SYSTEM CONSTR	-	-	-	-	104,500	FUTURE Blue Star Conductor Engineering and construction
582-558-988-000-0317	ELECTRICAL SYSTEM CONSTR	-	-	-	-	93,500	FUTURE Blue Star/M-140 Engineering and construction
582-558-988-001	ELECTRICAL SYSTEM EQUIPMENT	-	-	-	-	-	
582-558-988-001-0163	ELECTRICAL SYSTEM EQUIPMENT	-	-	-	-	-	DO NOT USE - ALL COSTS MOVED TO PROJ 301
582-558-988-001-0301	ELECTRICAL SYSTEM EQUIPMENT	-	1,139,527	1,257,220.70	1,139,527	-	Phoenix Substation - Engineering and construction
<b>CAPITAL PROJECT TOTALS</b>		-	<b>3,669,027</b>	<b>3,729,566</b>	<b>3,669,027</b>	<b>143,300</b>	<b>649,000</b>

Equals Budget for Capital Assets on FS	Equals YTD Expense on FS
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<b>BUDGET NEEDS TO BE ADJUSTED FOR THOSE OVER-BUDGET</b>
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City of South Haven  
Water Fund - Fund 591  
For the period ended April 30, 2015

Col 6 & 11

Revenues:	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2014-15 Adopted Budget	% of Annual Budget
Sales	\$ 286,084	\$ 312,265	\$ 279,341	\$ (26,181)	\$ 6,743	\$ 3,034,934	\$ 3,122,648	\$ 3,103,519	\$ (87,715)	\$ (68,585)	\$ 3,747,178	81%
Charges for Service	-	5,833	12,604	(5,833)	(12,604)	34,394	58,333	50,926	(23,939)	(16,532)	70,000	49%
Interest Income	71	167	71	(96)	0	5,363	1,667	(392)	3,696	5,754	2,000	268%
Special Assessment Revenue	-	958	1,502	(958)	(1,502)	12	9,583	40,054	(9,571)	(40,042)	11,500	0%
Other Revenue	4,896	2,917	3,997	1,979	899	42,924	29,167	39,938	13,757	2,986	35,000	123%
<b>Total Revenues</b>	<b>\$ 291,051</b>	<b>\$ 322,140</b>	<b>\$ 297,515</b>	<b>\$ (31,088)</b>	<b>\$ (6,464)</b>	<b>\$ 3,117,626</b>	<b>\$ 3,221,398</b>	<b>\$ 3,234,045</b>	<b>\$ (103,772)</b>	<b>\$ (116,419)</b>	<b>\$ 3,865,678</b>	

Expenses:	1	2	3	4	5	6	7	8	9	10	11	% of Annual Budget
	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2014-15 Adopted Budget	
Operating Expenses	\$ 83,718	\$ 117,595	\$ 112,706	\$ (33,877)	\$ (28,988)	\$ 1,044,808	\$ 1,175,945	\$ 976,877	\$ (131,137)	\$ 67,931	\$ 1,411,134	74%
Property Tax Equivalents	16,107	16,107	8,349	-	7,758	161,070	161,070	83,494	-	77,576	193,284	83%
Capital Outlay	40	20,224	3,682	(20,184)	(3,642)	55,715	202,238	267,840	(146,522)	(212,125)	242,685	23%
Debt Service	-	124,859	457,059	(124,859)	(457,059)	781,389	1,248,593	1,232,209	(467,204)	(450,820)	1,498,311	52%
Transfers Out	333	404	167	(70)	167	3,333	4,036	1,667	(703)	1,667	4,843	69%
Depreciation	50,703	50,703	16,307	-	34,396	507,029	507,029	163,070	-	343,959	608,435	83%
Administrative Expenses	14,023	19,854	14,052	(5,831)	(29)	199,316	198,535	182,330	781	16,986	238,242	84%
<b>Total Expenses</b>	<b>\$ 164,924</b>	<b>\$ 349,745</b>	<b>\$ 612,322</b>	<b>\$ (184,821)</b>	<b>\$ (447,398)</b>	<b>\$ 2,752,660</b>	<b>\$ 3,497,445</b>	<b>\$ 2,907,487</b>	<b>\$ (744,785)</b>	<b>\$ (154,827)</b>	<b>\$ 4,196,934</b>	

Net Fund Change                   \$    126,128   \$    (27,605)   \$    (314,807)   \$    153,732   \$    440,934   \$    364,966   \$    (276,047)   \$    326,558   \$    641,013   \$    38,408   \$    (331,256)

AS OF JUNE 30, 2014	
Retained Earnings	\$ 7,685,404
Less Contributed Capital	\$ (2,093,205)
Less Net Capital Assets	\$ (5,175,140)
<b>Net Undesignated Reserves</b>	<b>\$ 417,059</b>

The Difference here is the addition of new capital assets less new depreciation for FY 15

PROJECTED AS OF JUNE 30, 2015	
Retained Earnings - Beg of Year	\$ 7,685,404
Less Contributed Capital	\$ (2,093,205)
Projected Net Income (see below) FY 15	\$ 491,429
Less Net Capital Assets	\$ (5,389,391)
<b>Net Undesignated Reserves</b>	<b>\$ 694,237</b>

The 2015 Budget figures include the projects approved by the BPU to date and a revised depreciation figure  
The capital outlay includes some equipment and Dyckman Ave costs

Year end audit adjustments - not expenses on Income statement                   →  
Year end audit adjustments - not expenses on Income statement                   →

FY 2015 Revenues	\$ 3,865,678
FY 2015 Expenses	\$ (4,196,934)
Add back principal portion of debt service	\$ 580,000
Add back Investment in Capital Assets	\$ 242,685
<b>Projected Net Income(Loss)</b>	<b>\$ 491,429</b>

CITY OF SOUTH HAVEN  
WATER FUND  
CuFt COMPARISONS  
ROLLING TWELVE MONTHS

		GALLONS PUMPED TO MAINS	CuFt PUMPED TO MAINS	CuFt PLANT TAP UNBILLED	CuFt WATER QUALITY FLUSHING	CuFt BILLED	PERCENTAGE BILLED PLUS PLANT TAP TO PUMPED TO MAINS (ROLLING 12 MOS)	PERCENTAGE BILLED PLUS PLANT TAP TO PUMPED TO MAINS CURRENT MONTH
<b>FISCAL 2013</b>								
July	2012	97,223,000	12,997,727	42,043	149,172	9,601,173	81.95%	74.19%
August	2012	73,095,000	9,772,059	40,244	227,566	10,549,444	83.36%	108.37%
September	2012	51,928,000	6,942,246	36,348	218,946	7,875,634	84.80%	113.97%
October	2012	37,774,000	5,050,000	27,350	259,447	4,949,605	85.50%	98.55%
November	2012	28,082,000	3,754,278	16,894	255,838	3,275,439	86.15%	87.70%
December	2012	27,941,000	3,735,428	34,835	160,400	3,150,827	86.30%	85.28%
January	2013	29,090,000	3,889,037	35,639	83,007	3,204,712	86.22%	83.32%
February	2013	27,257,000	3,643,984	25,791	72,180	3,368,685	86.69%	93.15%
March	2013	28,716,000	3,839,037	30,416	75,789	2,955,708	87.40%	77.78%
April	2013	27,256,000	3,643,850	38,784	79,398	3,120,869	88.84%	86.71%
May	2013	44,617,270	5,964,876	52,314	342,855	3,962,497	88.14%	66.43%
June	2013	52,158,000	6,972,995	57,485	312,780	5,366,701	91.24%	76.96%
		<u>525,137,270</u>	<u>70,205,517</u>	<u>438,141</u>	<u>2,237,378</u>	<u>61,381,294</u>		
<b>FISCAL 2014</b>								
July	2013	70,321,000	9,401,203	62,968	127,844	6,705,606	88.48%	72.00%
August	2013	62,517,000	8,357,888	48,003	196,427	8,322,168	88.81%	100.15%
September	2013	52,536,000	7,023,529	43,984	192,916	7,118,311	89.52%	101.98%
October	2013	35,699,000	4,772,594	41,176	182,891	5,303,775	90.51%	111.99%
November	2013	28,029,000	3,747,193	37,834	99,473	3,426,297	90.79%	92.45%
December	2013	28,262,000	3,778,342	37,166	178,083	2,904,054	90.43%	77.84%
January	2014	36,931,000	4,937,299	40,642	145,998	3,089,262	89.82%	63.39%
February	2014	36,711,000	4,907,888	36,230	128,741	3,454,550	89.24%	71.13%
March	2014	36,506,000	4,880,481	37,567	40,914	3,251,264	89.19%	67.39%
April	2014	29,869,000	3,993,182	33,957	57,952	3,321,979	89.46%	84.04%
May	2014	40,638,000	5,432,888	31,283	70,598	4,278,590	89.10%	78.75%
June	2014	53,611,000	7,167,246	37,032	100,575	5,543,066	85.86%	77.34%
		<u>511,630,000</u>	<u>68,399,733</u>	<u>487,843</u>	<u>1,522,412</u>	<u>56,718,922</u>		
<b>FISCAL 2015</b>								
July	2014	64,316,000	8,598,396	38,503	126,739	6,932,597	84.35%	81.07%
August	2014	66,789,000	8,929,011	42,246	34,492	7,841,235	83.45%	88.29%
September	2014	44,601,000	5,962,701	36,096	100,277	6,663,068	84.55%	112.35%
October	2014	33,430,000	4,469,251	34,492	117,932	4,619,497	85.38%	104.13%
November	2014	29,363,000	3,925,535	34,091	102,686	3,359,059	86.24%	86.44%
December	2014	28,908,000	3,864,706	35,294	67,388	3,125,243	86.64%	81.78%
January	2015	31,306,000	4,185,294	35,561	83,432	4,170,131	87.89%	100.49%
February	2015	28,322,000	3,786,364	34,091	81,219	4,470,432	88.98%	118.97%
March	2015	31,937,000	4,269,652	34,091	40,910	3,087,632	88.83%	73.11%
April	2015	29,525,000	3,947,193	31,551	56,153	3,393,749	89.38%	86.78%
		<u>388,497,000</u>	<u>51,938,102</u>	<u>356,016</u>	<u>811,228</u>	<u>47,662,643</u>		
Prior Year-to-date		417,381,000	55,799,599	419,528	1,351,239	46,897,266		
Two Years Prior		428,362,000	57,267,647	328,343	1,581,743	52,052,096		

City of South Haven  
Sewer Fund - Fund 592  
For the period ended April 30, 2015

Col 6 & 11

Revenues:	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2014-15 Adopted Budget	% of Annual Budget
Sales	\$ 171,340	\$ 193,292	\$ 158,225	\$ (21,952)	\$ 13,115	\$ 1,864,363	\$ 1,932,917	\$ 1,861,634	\$ (68,554)	\$ 2,729	\$ 2,319,500	80%
IPP Revenues	-	6,608	6,663	(6,608)	(6,663)	52,815	66,083	63,776	(13,268)	(10,961)	79,300	67%
Interest Income	2	208	2	(207)	-	1,807	2,083	(756)	(277)	2,563	2,500	72%
Special Assessment Revenue	-	1,250	2,341	(1,250)	(2,341)	17	12,500	50,456	(12,483)	(50,439)	15,000	0%
Other Revenue	215	1,333	265	(1,118)	(50)	17,303	13,333	13,706	3,970	3,598	16,000	108%
<b>Total Revenues</b>	<b>\$ 171,557</b>	<b>\$ 202,692</b>	<b>\$ 167,496</b>	<b>\$ (31,135)</b>	<b>\$ 4,061</b>	<b>\$ 1,936,305</b>	<b>\$ 2,026,917</b>	<b>\$ 1,988,816</b>	<b>\$ (90,612)</b>	<b>\$ (52,511)</b>	<b>\$ 2,432,300</b>	

Expenses	1	2	3	4	5	6	7	8	9	10	11	% of Annual Budget
	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2014-15 Adopted Budget	
Operating Expenses	\$ 184,664	\$ 98,947	\$ 93,718	\$ 85,717	\$ 90,946	\$ 1,004,897	\$ 989,470	\$ 1,322,710	\$ 15,427	\$ (317,813)	\$ 1,187,364	85%
Grant Expense-SSES	-	-	-	-	-	-	-	104,485	-	(104,485)	-	
Property Tax Equivalents	8,104	8,104	7,453	(0)	651	81,043	81,043	74,534	(0)	6,509	97,252	83%
Capital Outlay	94,273	22,184	-	72,089	94,273	121,053	221,840	17,119	(100,787)	103,934	<b>266,208</b>	45%
Transfers Out	17,000	17,076	19,917	(76)	(2,917)	170,000	170,763	199,167	(763)	(29,167)	204,915	83%
Depreciation	29,060	29,060	20,379	-	8,681	290,599	290,599	203,788	-	86,812	348,719	83%
Administrative Expenses	20,682	26,975	21,024	(6,293)	(342)	264,216	269,750	253,104	(5,534)	11,113	323,700	82%
<b>Total Expenses</b>	<b>\$ 353,784</b>	<b>\$ 202,347</b>	<b>\$ 162,490</b>	<b>\$ 151,437</b>	<b>\$ 191,293</b>	<b>\$ 1,931,809</b>	<b>\$ 2,023,465</b>	<b>\$ 2,174,906</b>	<b>\$ (91,656)</b>	<b>\$ (243,096)</b>	<b>\$ 2,428,158</b>	

Net Fund Change                    \$    (182,227)    \$            345    \$        5,006    \$    (182,572)    \$    (187,232)    \$        4,496    \$            3,452    \$    (186,090)    \$            1,044    \$        190,585    \$            4,142

AS OF JUNE 30, 2014	
Retained Earnings	\$ 6,979,473
Less Contributed Capital	\$ (1,013,995)
Less Net Capital Assets	\$ (5,632,250)
<b>Net Undesignated Reserves</b>	<b>\$ 333,228</b>

The Difference here is the addition of new capital assets less new depreciation for FY 15

PROJECTED AS OF JUNE 30, 2015	
Retained Earnings - Beg of Year	\$ 6,979,473
Less Contributed Capital	\$ (1,013,995)
Projected Net Income (see below)    FY 15	\$ 270,350
Less Net Capital Assets	\$ (5,549,739)
<b>Net Undesignated Reserves</b>	<b>\$ 686,089</b>

The 2015 Budget figures include the projects approved by the BPU to date and a revised depreciation figure  
The capital outlay includes some equipment and Dyckman Ave costs

Year end audit adjustments - not expenses on Income statement →

FY 2015 Revenues	\$ 2,432,300
FY 2015 Expenses	\$ (2,428,158)
Add back Investment in Capital Assets	\$ 266,208
<b>Projected Net Income(Loss)</b>	<b>\$ 270,350</b>



City of South Haven

## Agenda Item #8

### Unresolved Issues

New items shown in **bold** text.

Completed items shown with single ~~strike through~~ text for one meeting, then double ~~strike through~~ text for the next meeting, then removed from the list.

### ACTION ITEMS

- 3/26/12 – Stickland requested that staff provide the utility policy concerning tampering fees for review at the next meeting. Addressed under agenda item 15 at the April 30, 2012 meeting. MMEA was contacted requesting their assistance in contacting fellow members for their policies regarding meter tampering, disconnection or tampering with service feeders/pipes, theft of service, and unsealed meter showing consumption. No response has been received from MMEA. City staff is contacting fellow IMMIDA members plus Holland, Lowell, and Coldwater. Policies have been received from Bluffton, IN; Coldwater, MI; Holland BPW; Lowell Light & Power; Niles, MI; Sturgis, MI; Zeeland BPW. These policies will be compiled and summarized and distributed to staff and the BPU for review and comment. Updating the Public Utilities Rules, Regulations and Policies (and Code of Ordinances) is one of City Council's adopted priorities for 2014-15.
- 4/30/12 – As a result of the tamper fee discussion with a resident, staff was requested to compile a list of electrical and plumbing contractors licensed to work in South Haven for the purpose of sending notification letters concerning the tamper policy. City staff contacted the State of Michigan and Michigan Township services, but they could not provide specific information. City of South Haven Building Services has a bulletin board available for posting notices. Suggestion was made to add it to the building permit form or instructions. Start with the City and then work with the townships.
- ~~1/26/15 – Concerning the Quarterly Outage Report, Burr requested more information for the area near the State Park indicating a number of outages. A breakdown of outages was provided. Staff noted that the line is clear of trees. It is a known problem area due to many large trees in sand that can be uprooted in storms. It was recently checked by staff, but another check will be performed. It was also noted that most connectors have been replaced.~~

# South Haven Sewer System Evaluation Study Progress Report

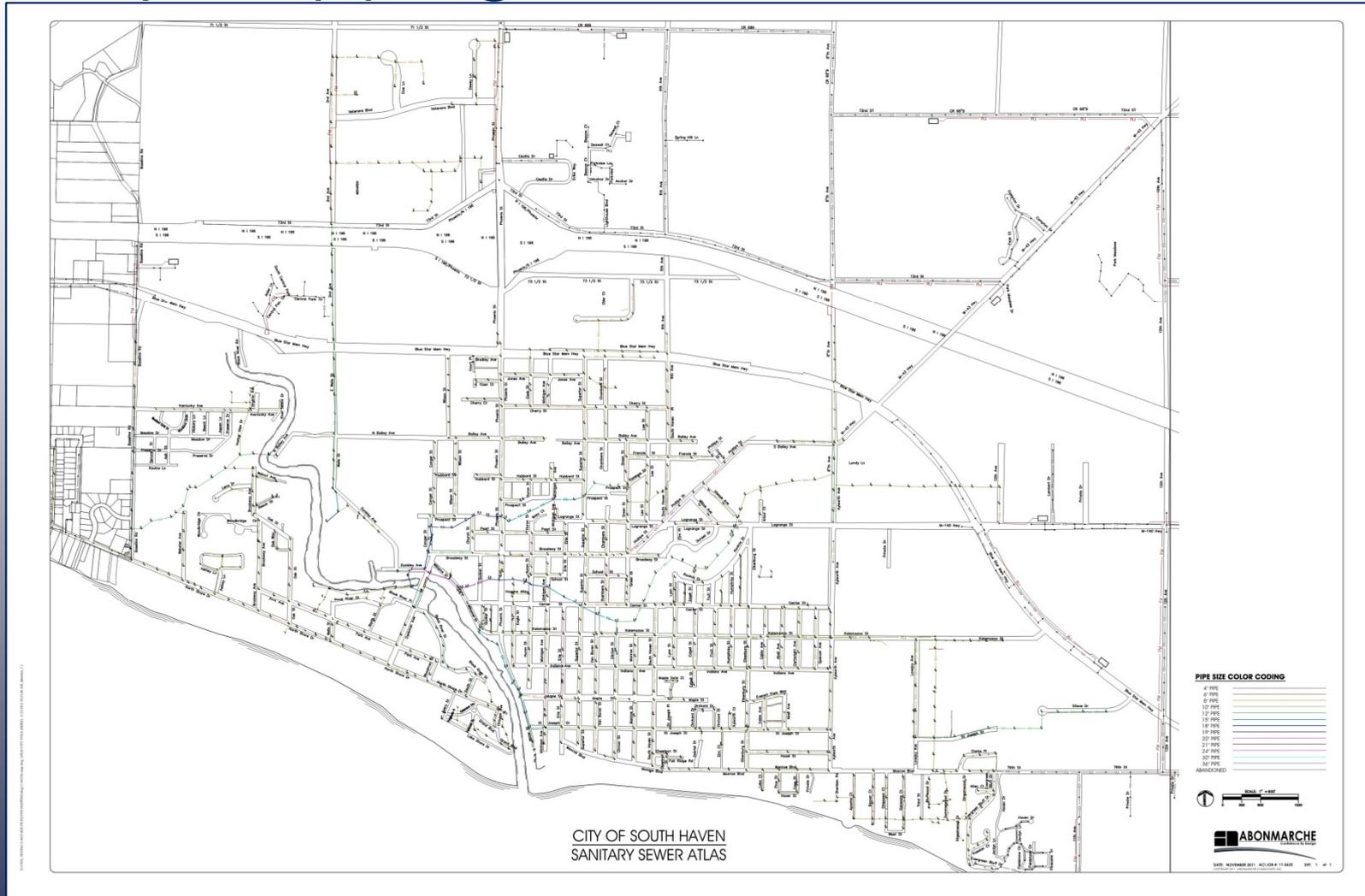
May 2015

# S2 Project Tasks

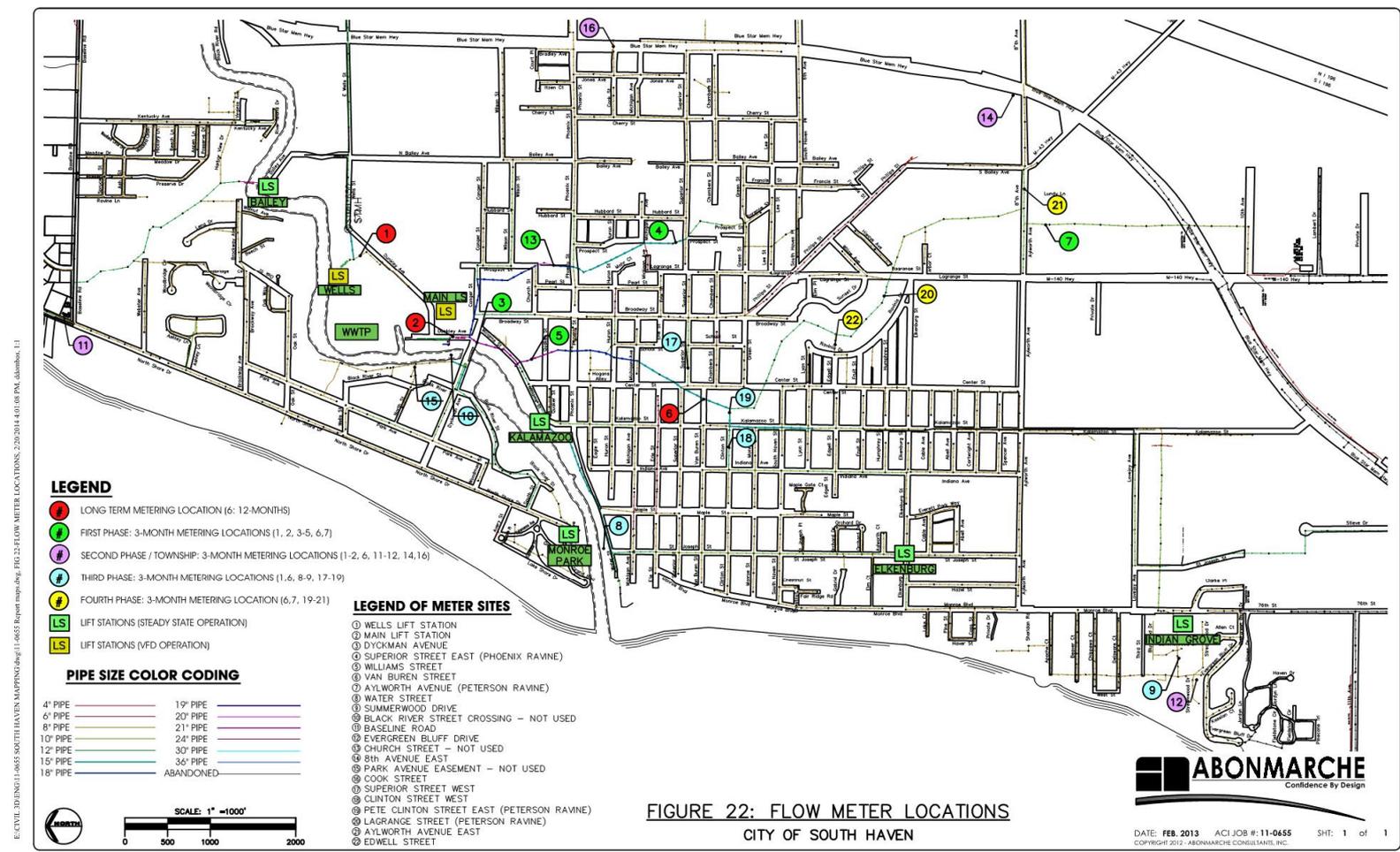
- Utility Mapping
  - Field Investigation and Data Review
  - Flow Metering and Computer Modeling
  - Smoke Testing
  - Sewer Televising
  - SRF Project Plan
- 
- Started September 2011
  - Expected Completion by June 2015



# Utility Mapping



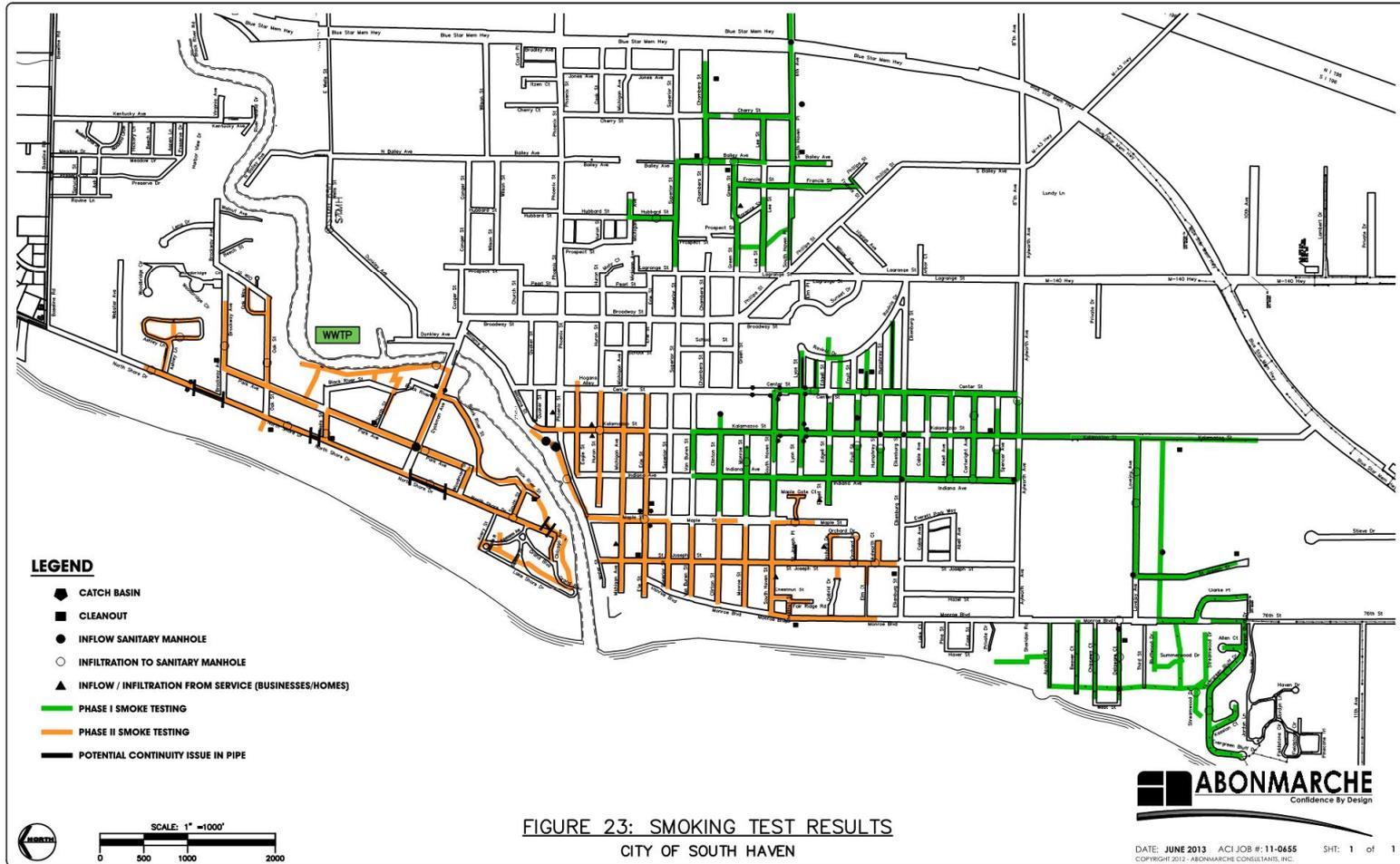
# Flow Metering Map



E:\CIVIL\_3D\ENGIN11-0655 SOUTH HAVEN MAPPING.dwg (11-0655 Report Maps.dwg) FIG 22-FLOW METER LOCATIONS, 2/20/2014 4:03:08 PM, tab:box, 1:1



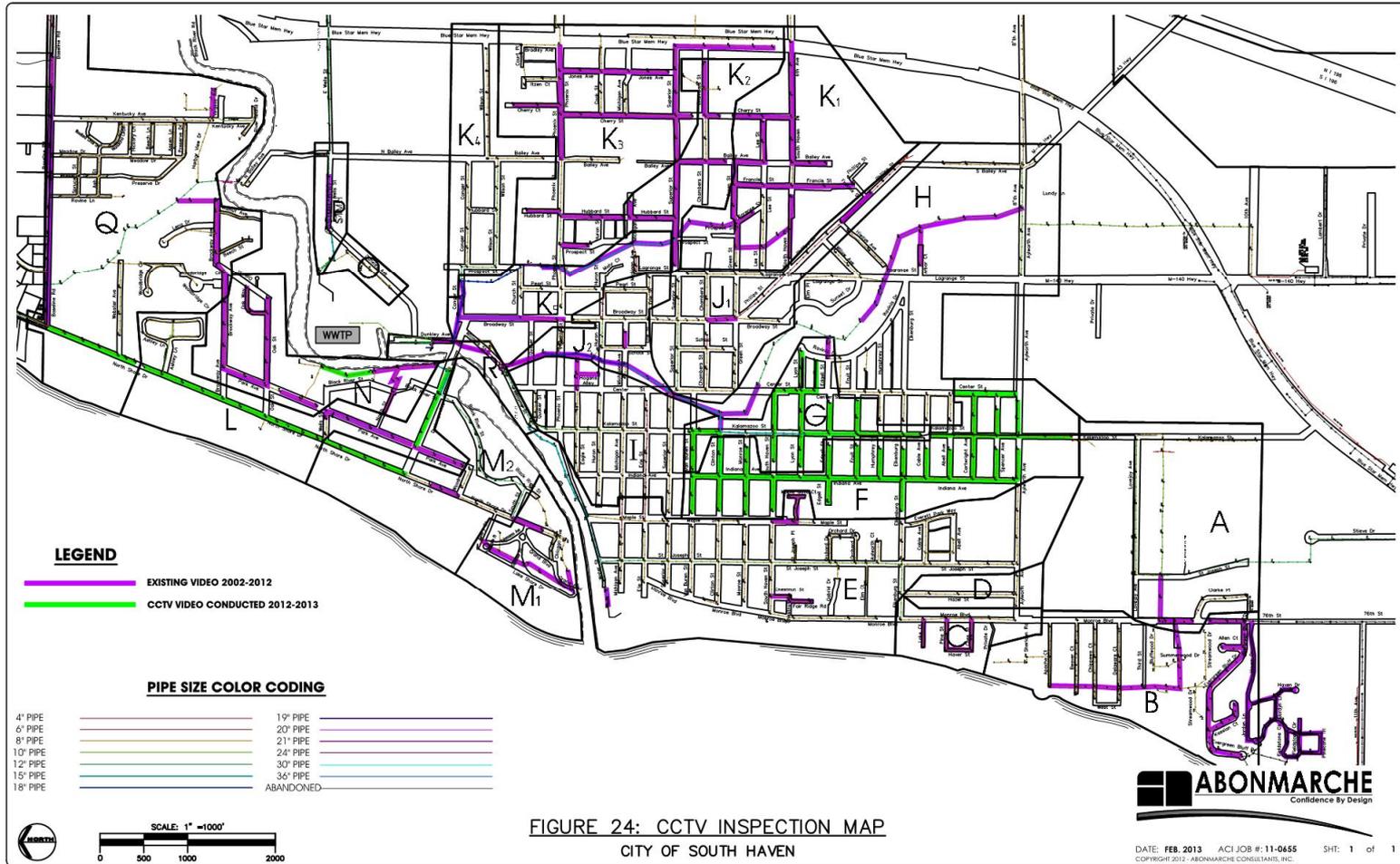
# Smoke Testing Map



E:\CIVIL\_3D\ENR\11-0655 SOUTH HAVEN MAPPING\fig11-0655 Report maps.dwg, FIG.23 - SMOKE TESTING (D) COLOR, 2/20/2014 2:03:10 PM, d:\abonmarche, 1:1



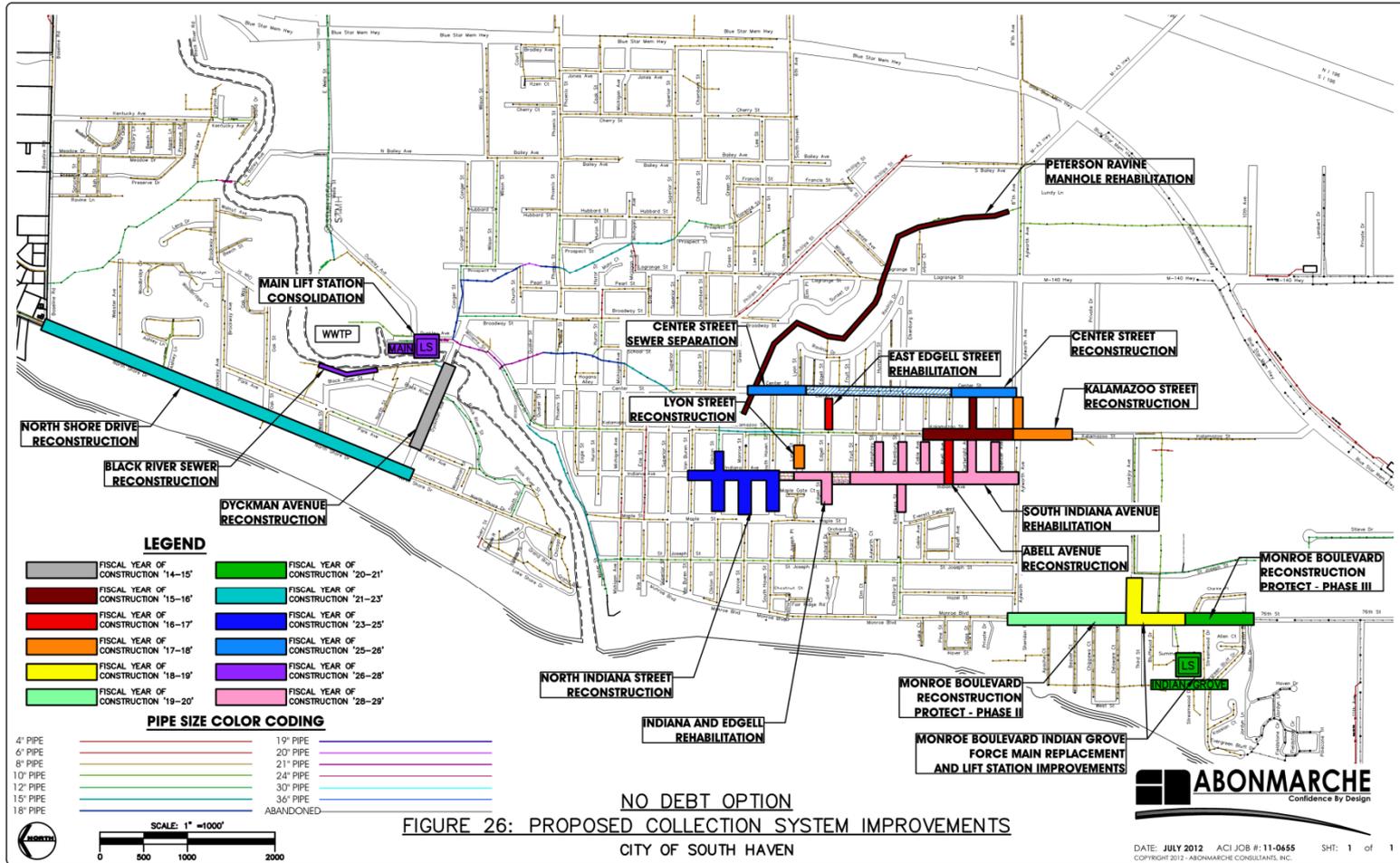
# Sewer Televising Map



E:\CIVIL\_3D\ENGIN11-0655 SOUTH HAVEN MAPPING\DWG\11-0655\_Report maps.dwg, FIG. 24-TV INSPECTION, 6/9/2014 6:13:27 PM, adobobos, 1:1



# Project Map



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# Estimated Project Costs

## South Haven Sewer System Improvement Projects

Project Area	Fiscal Year(s)		Construction Cost Estimate	Engineering		SRF Project Cost Estimate	City Funded Work	Total Project Cost Estimate	Total Phase Cost Estimate
	Design	Construction		Design Cost Estimate	Construction Cost Estimate				
Dyckman Avenue Reconstruction	'14-'15	'14-'15	\$ 556,059	\$ 33,364	\$ 55,606	\$ 645,028	\$ 350,000	\$ 995,028	\$ 995,028
Peterson Ravine Manhole Rehabilitation	'15-'16	'15-'16	\$ 61,711	\$ 6,171	\$ 6,171	\$ 74,054	\$ -	\$ 74,054	
Kalamazoo Street Phase III & Cartwright Avenue	'14-'15, '15-'16	'15-'16	\$ 674,755	\$ 40,485	\$ 67,475	\$ 782,716	\$ -	\$ 782,716	\$ 856,769
Abell Avenue Reconstruction	'14-'15, '15-'16	'16-'17	\$ 239,152	\$ 14,349	\$ 23,915	\$ 277,416	\$ 146,377	\$ 423,793	
Edgell Rehabilitation (East)	'14-'15, '15-'16	'16-'17	\$ 58,848	\$ 8,827	\$ 8,827	\$ 76,502	\$ 354,798	\$ 431,300	\$ 855,093
Kalamazoo Street Reconstruction - Phase IV	'16-'17	'17-'18	\$ 480,647	\$ 28,839	\$ 48,065	\$ 557,551	\$ -	\$ 557,551	
Lyon Street Reconstruction	'14-'15, '15-'16	'17-'18	\$ 113,149	\$ 6,789	\$ 11,315	\$ 131,253	\$ 279,181	\$ 410,434	\$ 967,985
Indian Grove Force Main Replacement (Monroe)	'14-'15, '15-'16	'18-'19	\$ 240,148	\$ 24,015	\$ 24,015	\$ 288,177	\$ 711,823	\$ 1,000,000	\$ 1,000,000
Monroe Blvd - Phase II	'14-'15, '15-'16	'19-'20	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Monroe Blvd - Phase III	'14-'15, '15-'16	'20-'21	\$ -	\$ -	\$ -	\$ -	\$ 773,389	\$ 773,389	
Indian Grove Building and Controls	'14-'15, '15-'16	'20-'21	\$ 355,527	\$ 42,663	\$ 35,553	\$ 433,743	\$ -	\$ 433,743	\$ 1,207,132
North Shore Drive Reconstruction - Phase I	'14-'15, '15-'16	'21-'22, '22-'23	\$ 2,175,731	\$ 130,544	\$ 217,573	\$ 2,523,848	\$ 1,254,160	\$ 3,778,008	\$ 1,889,004
North Shore Drive Reconstruction - Phase II									\$ 1,889,004
Indiana Avenue Reconstruction (North) - Phase I	'14-'15, '15-'16	'23-'24, '24-'25	\$ 1,230,215	\$ 73,813	\$ 123,021	\$ 1,427,049	\$ 957,610	\$ 2,384,659	\$ 1,192,330
Indiana Avenue Reconstruction (North) - Phase II									\$ 1,192,330
Center Street Reconstruction	'14-'15, '15-'16	'25-'26	\$ 291,733	\$ 17,504	\$ 29,173	\$ 338,411	\$ 234,676	\$ 573,087	
Center Street Sewer Separation	'14-'15, '15-'16	'25-'26	\$ 370,172	\$ 22,210	\$ 37,017	\$ 429,399	\$ 332,007	\$ 761,406	\$ 1,334,493
Main Pump Station Consolidation	'14-'15, '15-'16	'26-'27, '27-'28	\$ 4,212,353	\$ 421,235	\$ 421,235	\$ 5,054,824	\$ -	\$ 5,054,824	
WWTP Screen Chamber	'25-'26	'26-'27, '27-'28						\$ 800,000	
Black River Street Reconstruction	'14-'15, '15-'16	'27-'28	\$ 312,610	\$ 31,261	\$ 31,261	\$ 375,132	\$ -	\$ 375,132	\$ 6,229,956
Indiana Ave. Rehabilitation (South)	'27-'28	'28-'29	\$ 422,606	\$ 22,049	\$ 36,748	\$ 481,403	\$ -	\$ 481,403	
Indiana and Edgell Rehabilitation	'27-'28	'28-'29	\$ 104,817	\$ 10,482	\$ 10,482	\$ 125,780	\$ -	\$ 125,780	\$ 607,183
WWTP Settling Tanks & Equipment Replacement	'28-'29	'30-'31						\$ 2,490,000	\$ 2,490,000
WWTP Chemical Feed, Mech. Thickening, & Admin.	'31-'32	'33-'34						\$ 3,290,000	\$ 3,290,000
WWTP Aeration Tanks, Chlorine Tank, & Site	'34-'35	'36-'37						\$ 3,963,000	\$ 3,963,000
<b>Total: South Haven Sewer System Improvement Projects</b>			<b>\$ 11,900,232</b>	<b>\$ 934,600</b>	<b>\$ 1,187,453</b>	<b>\$ 14,022,286</b>	<b>\$ 6,394,021</b>	<b>\$ 30,959,307</b>	<b>\$ 30,959,307</b>



# Anticipated Project Schedule

**South Haven Sewer System Improvement Projects - Project Schedule for Construction**

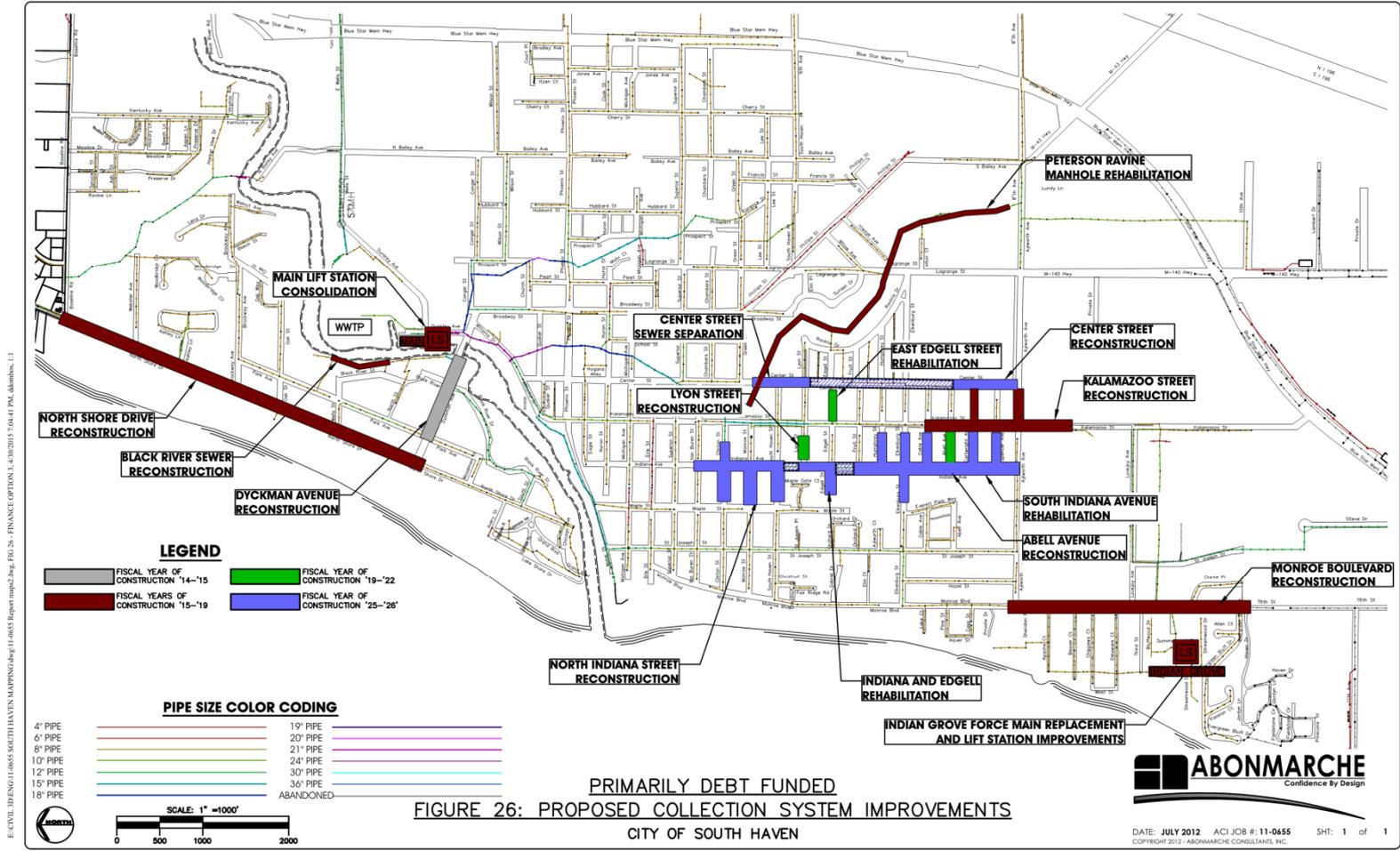
Project Area	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Dyckman Avenue Reconstruction	X	X																						
Peterson Ravine Manhole Rehabilitation			X																					
Kalamazoo Street Phase III & Cartwright Avenue			X																					
Abell Avenue Reconstruction				X																				
Edgell Rehabilitation (East)				X																				
Kalamazoo Street Reconstruction - Phase IV					X																			
Lyon Street Reconstruction					X																			
Indian Grove Force Main Replacement (Monroe)						X																		
Monroe Blvd - Phase II							X																	
Monroe Blvd - Phase III								X																
Indian Grove Building and Controls								X																
North Shore Drive Reconstruction - Phase I									X															
North Shore Drive Reconstruction - Phase II										X														
Indiana Avenue Reconstruction (North) - Phase I											X													
Indiana Avenue Reconstruction (North) - Phase II												X												
Center Street Reconstruction													X											
Center Street Sewer Separation													X											
Option A: Main Pump Station Consolidation														X	X									
WWTP Screen Chamber														X	X									
Black River Street Reconstruction															X									
Indiana Ave. Rehabilitation (South)																X								
Indiana and Edgell Rehabilitation																X								
WWTP Settling Tanks & Equipment Replacement																	X							
WWTP Chemical Feed, Mech. Thickening, &																					X			
WWTP Aeration Tanks, Chlorine Tank, & Site																							X	



# Additional Phasing Option



# Overall Project Map: Alternative Phasing

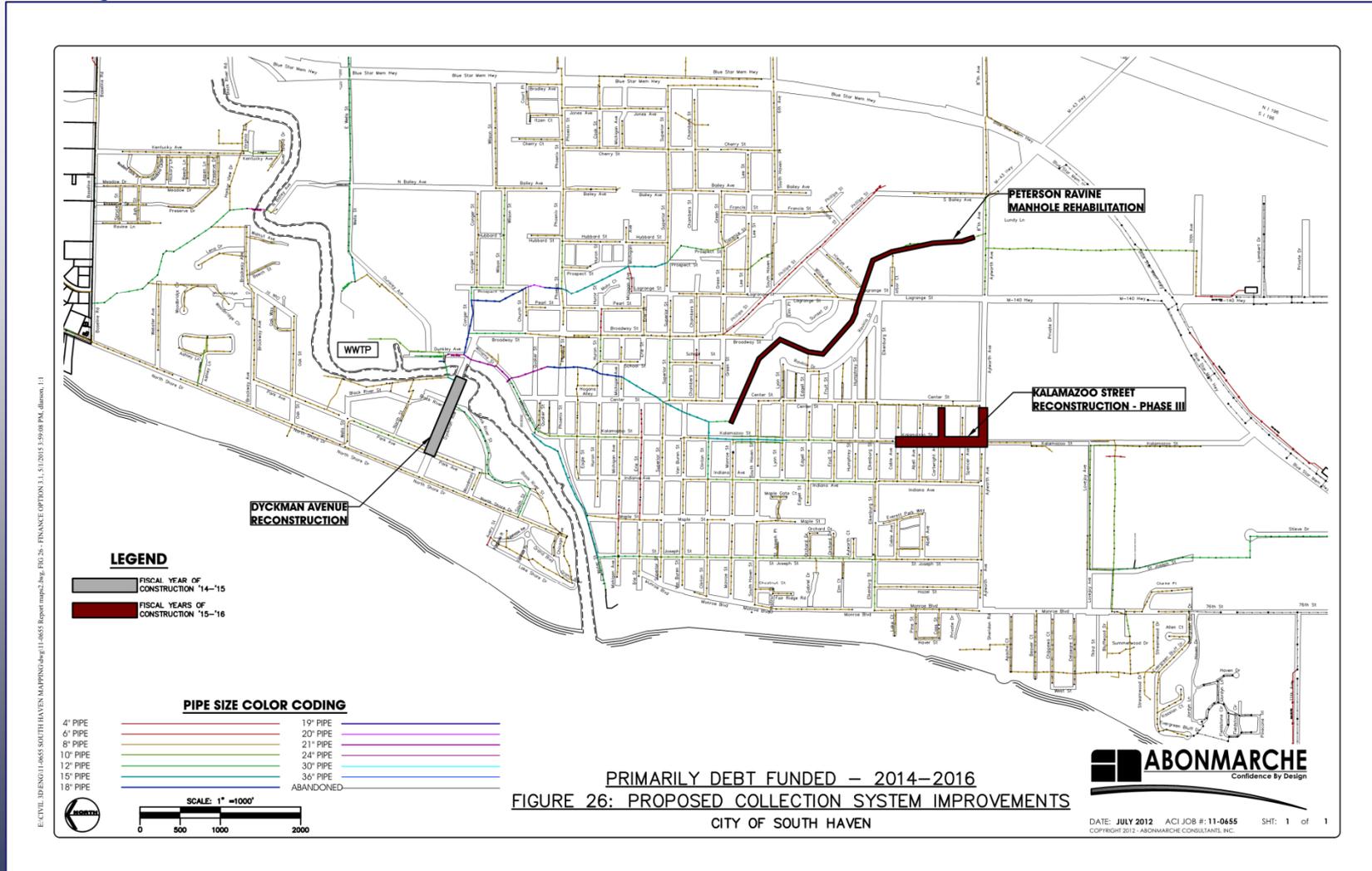


PRIMARILY DEBT FUNDED  
**FIGURE 26: PROPOSED COLLECTION SYSTEM IMPROVEMENTS**  
 CITY OF SOUTH HAVEN

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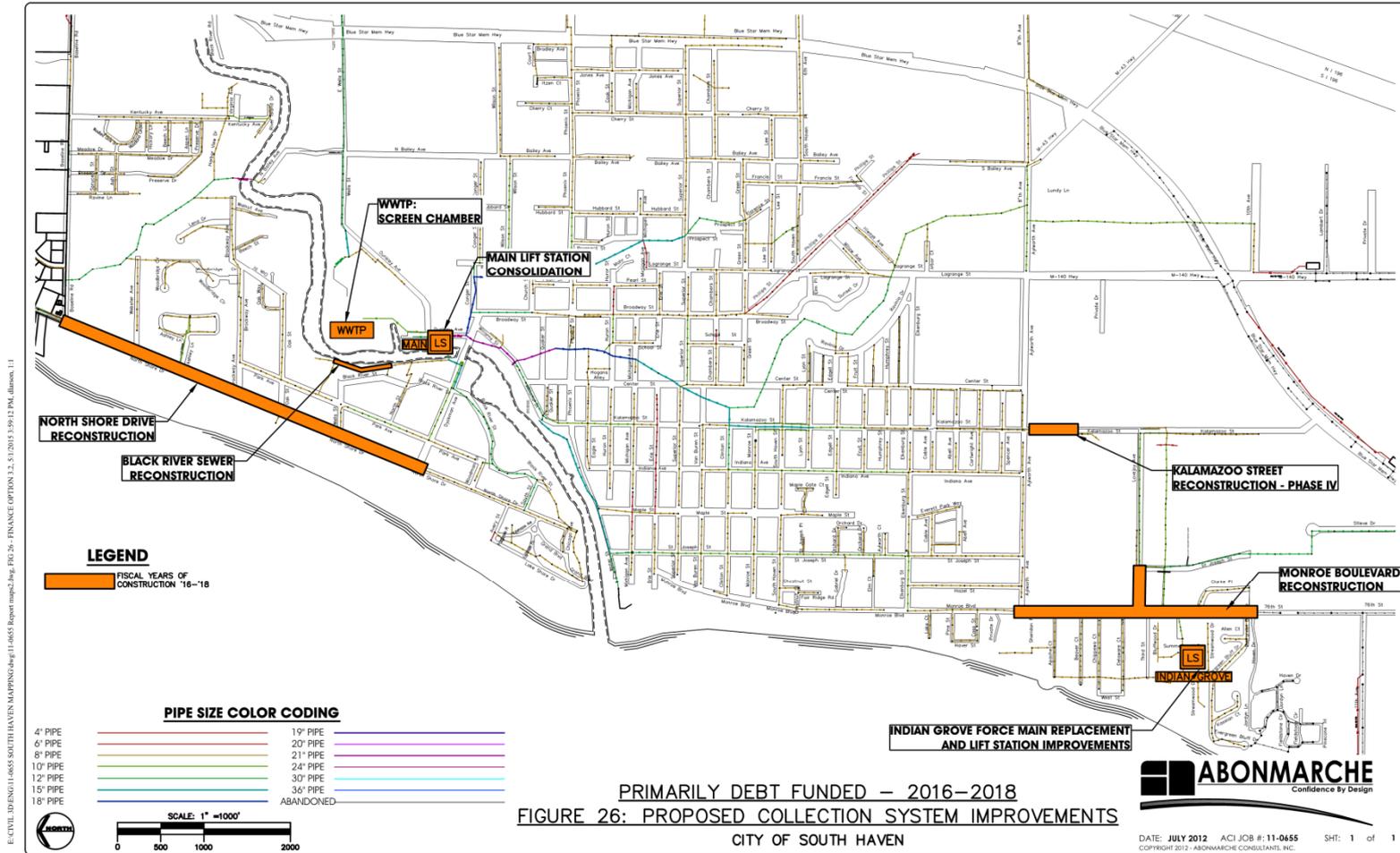
# Project Map: Alternative Phase 1



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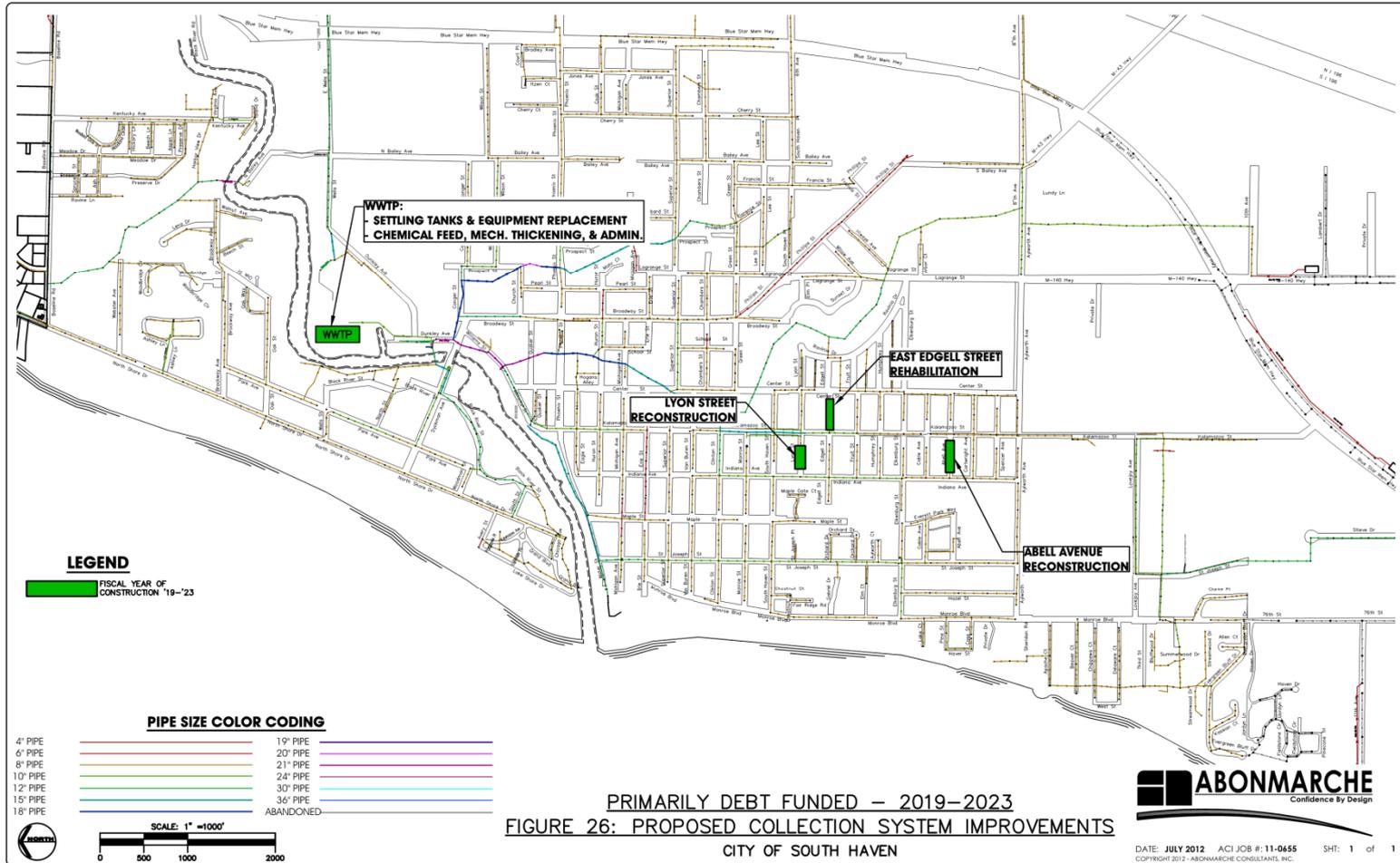
# Project Map: Alternative Phase 2



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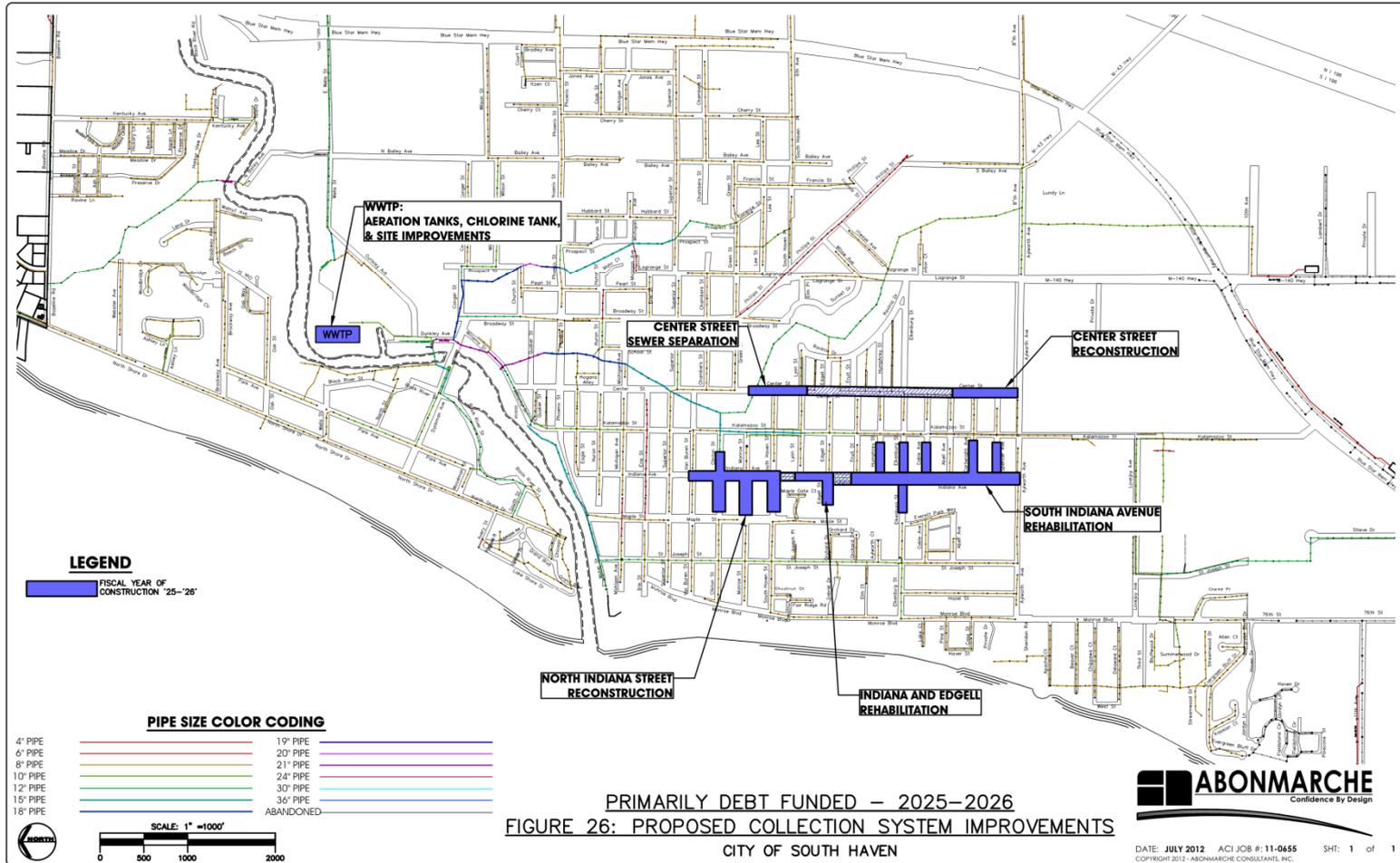
# Project Map: Alternative Phase 3



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# Project Map: Alternative Phase 4



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# Anticipated Project Schedule

**South Haven Sewer System Improvement Projects - Project Schedule for Construction**

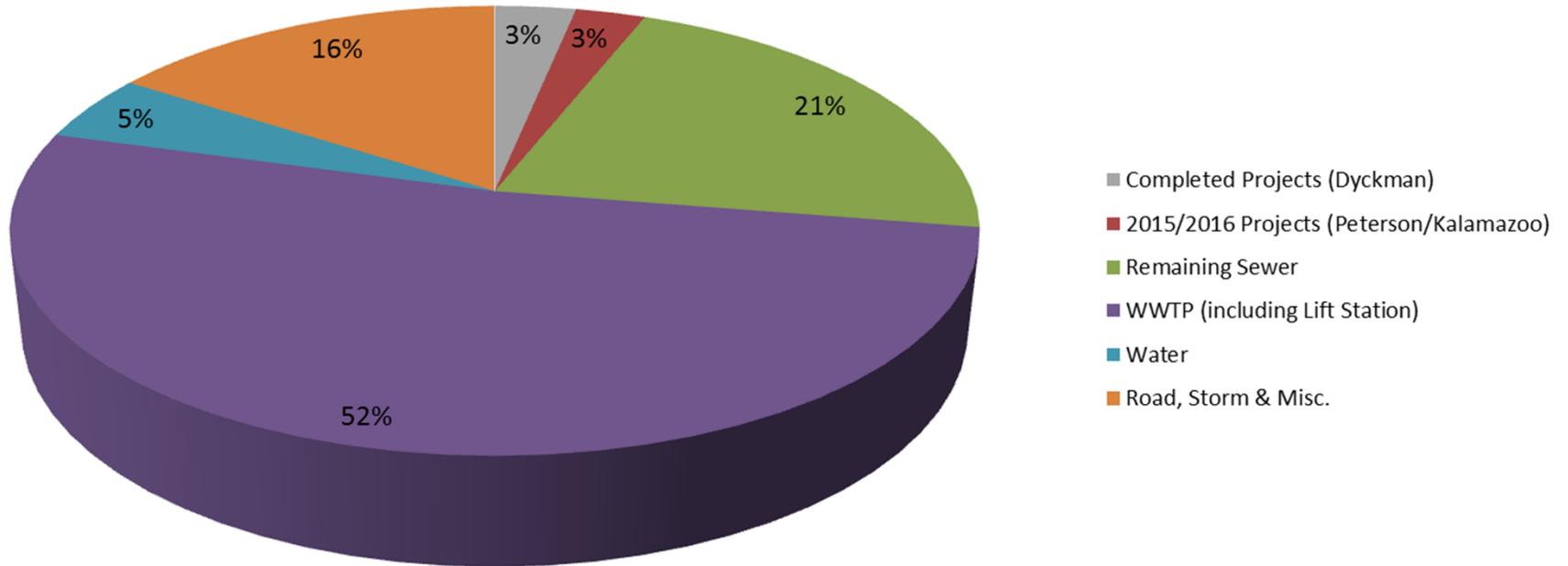
Project Area	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026
Dyckman Avenue Reconstruction	X											
Ravine Manhole Rehabilitation		X										
Kalamazoo Street Phase III & Cartwright Avenue		X										
Kalamazoo Street Reconstruction - Phase IV			X									
Monroe Blvd Reconstruction Project			X	X								
Indian Grove Force Main Replacement			X	X								
Indian Grove Building and Controls			X	X								
Option A: Main Pump Station Consolidation			X	X								
WWTP Screen Chamber			X	X								
Black River Street Reconstruction			X	X								
North Shore Drive Reconstruction			X	X								
Abell Avenue Reconstruction						X						
Edgell Rehabilitation (East)							X					
Lyon Street Reconstruction								X				
WWTP Settling Tanks & Equipment Replacement									X			
WWTP Chemical Feed, Mech. Thickening, & Admin.									X			
Indiana Avenue Reconstruction (North)												X
Indiana Ave. Rehabilitation (South)												X
Indiana and Edgell Rehabilitation												X
Center Street Reconstruction												X
Center Street Sewer Separation												X
WWTP Aeration Tanks, Chlorine Tank, & Site Improvements												X



# Uses



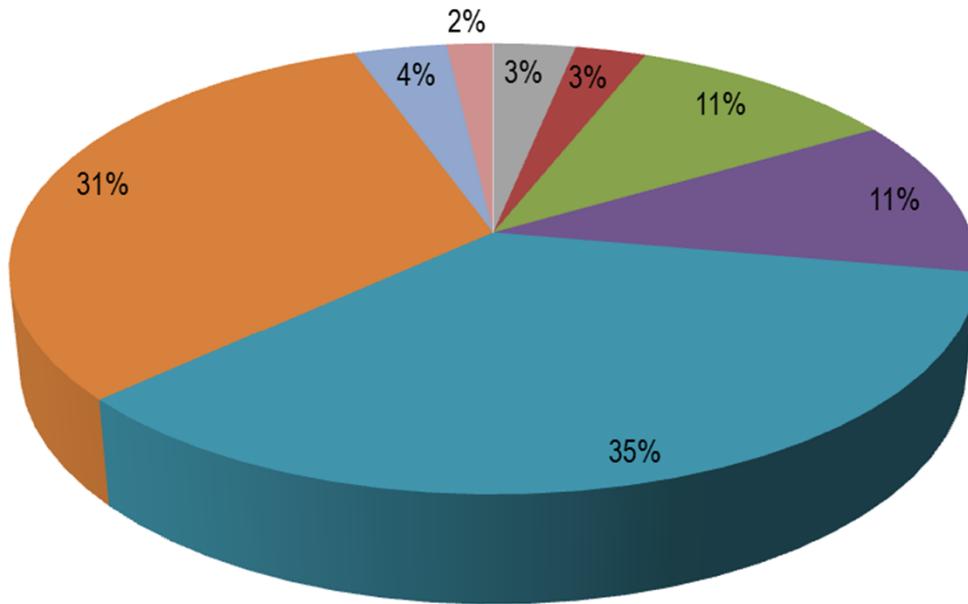
# Uses



# Sources



# Sources



- Completed Projects
- 2015/2016 Projects
- Special Assessment: 25% of Sewer, Water, and Road
- Road Funds: 75% of Road, Storm & Misc.
- SRF: 75% of Sewer (City Rate Payers, Less Local Sewer)
- USDA: WWTP Improvements (All Rate Payers)
- Water Rates: 75% of Water (City Rate Payers)
- Local Sewer Rates: (City Rate Payers)



# Schedule of Sources I

• Completed Projects	\$995,028
• 2015/2016 Budgeted Projects	\$856,769
• 2016-2018 SRF Projects	
– SRF Loan	\$9,097,100
• 2016-2018 Local Funding	
– Special Assessments	\$1,064,695
– Road Funds	\$3,225,293
– Water Funds	\$385,558
• 2019-2022 Local Funding	
– Local Sewer Rates	\$363,877
– Special Assessments	\$188,277
– Road Funds	\$512,426
– Water Funds	\$200,948



# Schedule of Sources II

- 2022-2023 USDA
  - USDA Rural Development Loan \$5,780,000
- 2025-2026 SRF & USDA \$6,064,532
- 2025-2026 Local
  - Special Assessments \$874,108
  - Road Funds \$813,917
  - Water Funds \$532,782



# Rate Impacts

## City Rate Payers: (Water & Sewer)

- Monroe Boulevard
- North Shore Drive
- Black River Street
- Kalamazoo Street Phase IV
- Abell Street, Edgell Street, Lyon Street
- Indiana Avenue
- Center Street

**\$5,273,943**

2.5% SRF Loan for 20 Years + 3 Local Projects

30 year duration due to staggering

2,903 city user accounts

Sewer \$7.30/month

Water \$1.1M = \$3.25/month

## All Rate Payers (WWTP & Lift Stations)

- Indian Grove Lift Station and Force Main
- Main Lift Station Consolidation
- Wastewater Treatment Plan Improvements

**\$16,031,566**

2.5% SRF Loan for 20 Years

4% USDA Loan for 30 Years

40 Year duration due to staggering

5068 city and township user accounts

\$10.53/month

