

Board of Public Utilities

Regular Meeting Agenda

Monday, June 24, 2013
4:00 p.m., DPW Conference Room, 1199 8th Avenue



City of South Haven

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes – March 25, 2013 Regular Meeting Minutes
March 25, 2013 Workshop 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. 2012 Billings – All Charges
 - B. 2011 Billings – All Charges
7. Financial Reports
 - A. Water Fund CuFt Comparisons
 - B. Water Fund Financial Statement
 - C. Sewer Fund Financial Statement
 - D. Electric Fund KWH Comparisons
 - E. Electric Fund Financial Statement
8. Indian Grove Infrastructure Project
 - A. Update Presentation by Abonmarche
9. Unresolved Issues Report

OLD BUSINESS

10. Board will be requested to approve a recommendation to amend the utility policy for Hydrant Water Sales.

NEW BUSINESS

11. Board will be requested to consider the Monroe Boulevard Sewer Main Extension.

12. Next meeting is scheduled for Monday July 29, 2013 at 4:00 pm in the DPW Conference Room, 1199 8th Avenue, South Haven, Michigan.

13. Director's Comments

14. Board Member Comments

15. Adjourn

RESPECTFULLY SUBMITTED,

Roger Huff
Public Works Director

South Haven City Hall is Barrier-free and the City of South Haven will provide the necessary reasonable auxiliary aids and services for persons with disabilities, such as signers for the hearing impaired and audio tapes of printed materials being considered at the meeting to individuals with disabilities at the meeting upon seven (7) days notice to the South Haven City Clerk. Individuals with disabilities requiring services should contact the City Clerk by writing or calling South Haven City Hall at (269) 637-0750.

Board of Public Utilities

Regular Meeting Minutes

Monday, March 25, 2013
4:45 p.m., DPW Conference Room, 1199 8th Avenue



City of South Haven

1. Call to Order by Burr at 4:50 p.m.

2. Roll Call

Present: Burr, Henry, Stein (Ex-officio), Winkel
Absent: Berry, Overhiser (Ex-officio),, Rose (Ex-officio),, Stickland

3. Approval of Agenda

Motion by Henry, second by Winkel to approve the March 25, 2013 regular meeting agenda as presented.

All in favor. Motion carried.

4. Acceptance of Minutes for the Record – February 26, 2013

The February 26, 2013 Special Meeting minutes were accepted for the record by Burr.

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. 2013 Billings – All Charges
- B. 2012 Billings – All Charges

7. Financial Reports

- A. Water Fund CuFt Comparisons
- B. Water Fund Financial Statement
- C. Sewer Fund Financial Statement
- D. Electric Fund KWH Comparisons
- E. Electric Fund Financial Statement

8. Indian Grove Infrastructure Project

- A. Sewer Study Progress Report

9. Unresolved Issues Report

Huff gave an overview of the Unresolved Issues Report.

Burr requested information on the tree trimming. Huff displayed a chart he compiled using the tree trimming data and said if this new method of reporting would help they could provide it on a monthly basis. Burr said he does not want Huff to do more work for reporting.

NEW BUSINESS

10. Board will be requested to approve award of Bid Number 2013-06, Meijer Store Electrical Service Installation.

Motion by Henry, second by Winkel to approve the award of Bid Number 2013-06 Meijer Store Electrical Service Installation in the amount of \$73, 695.47 to Kent Power Inc.

All in favor. Motion carried.

11. Board will be requested to approve water, sewer, and electric rate adjustments for Fiscal Year 2013 – 2014 beginning on July 1, 2013.

Motion by Winkel, second by Henry to approve a two percent (2%) sewer rate adjustment for Fiscal Year 2013 - 2014 beginning on July 1, 2013.

All in favor. Motion carried.

Henry commented that the board needs to have a Capital Improvement Plan. Huff agreed and said he plans to do a Capital Improvement Plan for all funds.

12. Next meeting is scheduled for Monday, April 29, 2013 at 4:00 pm in the DPW Conference Room, 1199 8th Avenue, South Haven, Michigan.

13. Director's Comments

14. Board Member Comments

Burr: got a call from Jack Morris who said his slip is full of sand; Burr thinks sand is being sucked into the county drain. The County Drain Commissioner is sending someone Wednesday or Thursday and Burr would like someone to meet with them. Huff said Steve Oosting, Senior Engineer, would be the one, since he has already been working with the Drain Commission. Oosting has been trying to set this up for a long time and wants to get that inspected before the Phoenix Street project begins.

Henry: has had some conversation with Ray Vanderzee about curb cuts; Henry said it seems to him that there are different standards being applied, while he recognizes that there are some roads under the auspices of the Michigan Department of Transportation (M-DOT), some under the Van Buren County Road Commission and some under the city. The board briefly discussed the situation.

15. Adjourn

Motion by Henry, second by Winkel to adjourn at 5:00 p.m.

All in favor. Motion carried.

RESPECTFULLY SUBMITTED,

Marsha Ransom
Recording Secretary

Board of Public Utilities

Workshop Minutes

Monday, March 25, 2013
4:00 p.m., DPW Conference Room, 1199 8th Avenue



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

2. Roll Call

Present: Burr, Henry, Stein (Ex-officio), Winkel
Absent: Berry, Overhiser (Ex-officio), Rose (Ex-officio), Stickland

3. Board will be requested to review water, sewer, and electric rate adjustments for Fiscal Year 2013 – 2014 beginning on July 1, 2013.

The board posed questions regarding projected expenditures and Burr noted that the electric rates historically have not been increased until after the board meets with Indiana & Michigan, the city's provider, in May. Hochstedler explained the process of getting the rate increase before Council. The board had consensus on there being no need to raise the electric rates at this time.

Hochstedler noted that Dissette recommended that .5 per cent be considered on both water and sewer. After discussion, Burr inquired how much the water/sewer rate increase from last year increased the revenues and stated that if sewer rates have not been increased in the past three (3) or four (4) years, perhaps the board should increase sewer rates.

Hochstedler pointed out that based on funding depreciation the utilities will not break even; the half percent increase will not hurt anything. Burr noted that if the board agrees he would do a one or two percent increase on the sewer fund; the increase in operating expense (which has gone up about \$24,000) should be covered by a two percent increase. Stein agreed that operating expenses did go up on the sewer fund and when you look at retained earnings, we will have about \$60,000 more in investments and working capital. If those expenses will be covered by a sewer rate increase, Stein would rather keep the water rates flat. Burr agreed that a two percent increase of sewer rates would cover the increase in operating expenses.

Discussion ensued regarding the last page of the budget, which reflects a fourteen (14) percent increase; whether a half percent per cent or two percent there needs to be an increase to cover the increase in operating expenses. Burr noted that Chicago is basing their utility increase on the Consumer Price Index which Hochstedler pointed out is pretty close to two percent. Henry asked what sewer projects are in mind; Burr noted that the sewer is replaced whenever a streets project is done and Huff added that Kalamazoo Street

Phase 2 has been identified for sewer upgrade. Henry noted that knowing what dollar amount of improvements might be planned within the next three to five years would help him justify a rate increase. Burr noted that sewer could be increase .5%, 2% or 11.2%. Winkel asked for an explanation on the 11.2%. Hochstedler said that is based on what the budget is behind while the board was recommended to look at the proposed sewer budget figures and suggested a 5% increase would put the sewer fund in the black. Hochstedler explained the negative balance is due to not covering capital assets. The expense is taken out and put into a capital asset fund. For instance the Kalamazoo Street project, which cost \$225,000, will not show as an expense; capital costs have not been covered since 2009. Hochstedler noted that although capital replacement fees cover some capital related items, the budget is short \$303,000 just in this year.

Henry requested a reduced summarized version of this with some kind of forecasting of expenses and capital projects. The board discussed that the sewer projections are broken up by municipalities. Based on the quick breakdown on expenses Stein did, a five percent increase would be more reasonable than a half percent. Stein noted that a small increase every year is easier to sell than a bigger increase every few years.

Hochstedler reiterated that the utilities need to cover expenses. Stein noted that funded depreciation is used to fund depreciation expense; Hochstedler commented, "And use it to improve your system." Henry asked if the issue is that we aren't funding depreciation which Hochstedler agreed with. Stein asked when the Indian Grove study will wrap up; Hochstedler noted that it should wrap up this fiscal year. The City, according to Hochstedler, has been bearing some of the costs.

Burr recommends a two percent budget increase to cover operating expenses.

4. Adjourn

The workshop adjourned at 4:50 p.m.

RESPECTFULLY SUBMITTED,

Marsha Ransom
Recording Secretary

CITY OF SOUTH HAVEN

Cost of Electric Energy from Indiana-Michigan Power Company (AEP)
2013

Date	ACTUAL				BILLING			COST				PJM Open Access Transmission Tariff						Total Cost	cts/ KWHR	
	KW Demand	KVAR Demand	KVA	Power Factor	KW Demand	KVAR Demand	KWHR	\$ KW Demand	\$ KWHR	\$ Fuel Charge	\$ Fuel Adjust	Actual Fuel True-up	Sch 1A \$ KWHR	\$ Network	RTO Start-up \$	Other	Credits			Total PJM
Main	13,029	3,332	13,448	0.9688	13,029	3,332	6,455,809	\$183,239.86	\$78,302.51											
Welder	382	403	555	0.6878	382	403	172,669	\$5,366.82	\$2,094.30											
Phoenix	9,812	3,161	10,308	0.9518	9,812	3,161	4,524,171	\$137,988.94	\$54,873.67											
Welder	19	44	48	0.4065	19	44	15,359	\$272.84	\$186.29											
May-13	23,242	6,939	24,255	0.9582	23,242	6,939	11,168,009	\$326,868.46	\$135,456.78	\$169,279.09	(\$846.54)	(\$20,309.17)	\$742.59	\$55,913.96	\$206.53	\$7,741.19	(\$905.80)	\$63,698.47	\$674,147.09	6.036
Main	10,379	1,565	10,496	0.9888	10,379	1,565	6,014,325	\$145,970.61	\$72,947.75											
Welder	310	366	480	0.6455	310	366	144,533	\$4,355.62	\$1,753.04											
Phoenix	7,106	1,507	7,264	0.9782	7,106	1,507	4,059,293	\$99,944.76	\$49,235.16											
Welder	21	58	62	0.3419	21	58	15,181	\$296.75	\$184.13											
Apr-13	17,816	3,497	18,156	0.9813	17,816	3,497	10,233,332	\$250,567.74	\$124,120.08	\$155,111.73	\$22,709.81	\$22,668.66	\$680.44	\$54,110.29	\$199.87	\$7,727.55	(\$862.24)	\$61,855.91	\$637,033.93	6.225
Main	11,123	1,244	11,192	0.9938	11,123	1,244	6,608,087	\$156,434.29	\$80,149.49											
Welder	391	357	529	0.7388	391	357	139,920	\$5,500.43	\$1,697.08											
Phoenix	7,222	917	7,280	0.9920	7,222	917	4,346,681	\$101,570.63	\$52,720.90											
Welder	22	51	55	0.3957	22	51	15,969	\$306.60	\$193.68											
Mar-13	18,758	2,569	18,933	0.9908	18,758	2,569	11,110,656	\$263,811.95	\$134,761.15	\$168,409.77	\$19,466.98	\$32,019.07	\$738.78	\$55,913.96	\$206.53	\$7,727.55	(\$865.41)	\$63,721.41	\$682,190.33	6.140
Main	11,561	1,160	11,619	0.9950	11,561	1,160	6,250,121	\$162,593.97	\$75,807.72											
Welder	130	305	332	0.3914	130	305	137,266	\$1,825.51	\$1,664.90											
Phoenix	7,514	864	7,563	0.9935	7,514	864	4,148,351	\$105,675.56	\$50,315.35											
Welder	22	45	50	0.4456	22	45	14,696	\$313.63	\$178.25											
Feb-13	19,227	2,374	19,373	0.9925	19,227	2,374	10,550,434	\$270,408.67	\$127,966.22	\$159,918.21	\$744.86	\$9,033.45	\$701.53	\$50,502.94	\$186.55	\$7,727.55	(\$899.26)	\$58,219.31	\$626,290.72	5.936
Main	7,956	1,231	8,051	0.9882	7,956	1,231	6,835,812	\$111,896.42	\$82,911.57											
Welder	24	351	352	0.0687	356	351	170,192	\$5,006.78	\$2,064.25											
Phoenix	11,518	926	11,555	0.9968	11,518	926	4,535,845	\$161,990.98	\$55,015.26											
Welder	356	46	359	0.9918	24	46	18,216	\$340.35	\$220.94											
Jan-13	19,855	2,554	20,018	0.9918	19,855	2,554	11,560,064	\$279,234.53	\$140,212.02	\$175,221.67	(\$11,764.68)	\$18,342.99	\$768.66	\$55,913.96	\$206.53	\$7,727.55	(\$1,124.11)	\$63,492.59	\$664,739.12	5.750

Year to Date 2013: 54,622,496 \$3,284,401 6.013

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
FISCAL 2011								
July	2010	71,789,000	9,597,460	76,067	26,738	7,160,179	89.90%	75.40%
August	2010	70,411,000	9,413,235	79,151	17,647	8,560,179	89.47%	91.78%
September	2010	53,052,000	7,092,513	82,706	246,830	7,497,785	88.65%	106.88%
October	2010	40,104,000	5,361,497	75,128	213,904	5,242,069	87.99%	99.17%
November	2010	30,513,000	4,079,278	82,706	213,904	3,856,631	88.94%	96.57%
December	2010	34,709,000	4,640,241	76,248	213,904	3,452,281	88.54%	76.04%
January	2011	32,649,000	4,364,840	70,210	213,904	3,232,165	88.34%	75.66%
February	2011	33,847,000	4,525,000	66,376	213,904	3,209,045	87.74%	72.38%
March	2011	35,054,000	4,686,364	74,020	213,904	3,124,071	87.00%	68.24%
April	2011	30,789,000	4,116,176	76,855	213,904	2,952,560	87.03%	73.60%
May	2011	42,942,000	5,740,909	54,069	202,504	3,571,271	86.49%	62.21%
June	2011	54,884,000	7,337,433	77,139	119,736	5,758,969	85.43%	78.49%
		<u>530,743,000</u>	<u>70,954,947</u>	<u>890,676</u>	<u>2,110,782</u>	<u>57,617,205</u>		
FISCAL 2012								
July	2011	68,313,000	9,132,754	0	190,312	7,441,256	85.55%	81.48%
August	2011	59,907,000	8,008,957	103,610	244,928	7,402,180	84.90%	93.72%
September	2011	50,823,000	6,794,519	19,658	231,936	6,658,175	85.02%	98.28%
October	2011	38,457,000	5,141,310	23,888	231,936	4,862,072	85.07%	95.03%
November	2011	30,875,000	4,127,674	4,273	231,936	3,573,435	85.44%	86.68%
December	2011	30,441,000	4,069,652	17,174	231,936	3,191,493	85.57%	78.84%
January	2012	32,467,000	4,340,508	14,319	68,972	3,074,589	85.44%	71.16%
February	2012	29,495,000	3,943,182	23,262	68,972	3,219,167	85.84%	82.23%
March	2012	30,150,000	4,030,749	38,320	65,764	3,450,952	86.13%	86.57%
April	2012	32,927,000	4,402,005	31,678	68,972	3,378,738	86.74%	77.47%
May	2012	50,646,000	6,770,856	37,087	78,956	4,537,251	86.12%	67.01%
June	2012	72,150,000	9,645,722	41,402	144,360	6,461,594	84.46%	66.99%
		<u>526,651,000</u>	<u>70,407,888</u>	<u>354,672</u>	<u>1,858,980</u>	<u>57,250,902</u>		
FISCAL 2013								
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%
		<u>472,979,270</u>	<u>63,232,523</u>	<u>380,656</u>	<u>1,924,598</u>	<u>56,014,593</u>		
Prior Year-to-Date		454,501,000	60,762,166	313,270	1,714,620	50,789,308		
Two Years Prior		475,859,000	63,617,513	813,537	1,991,046	51,858,236		

City of South Haven
Water Fund - Fund 591
For the period ended May 31, 2013

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	2012-13 Amended Budget	% of Annual Budget
	1	2	3	4	5	6	7	8	9	10	11	
Sales	\$ 151,272	\$ 170,091	\$ 138,144	\$ (18,819)	\$ 13,128	\$ 1,892,535	\$ 1,870,996	\$ 1,536,997	\$ 21,540	\$ 355,538	\$ 2,041,086	93%
Debt Service Charges	\$ 119,590	\$ 117,352	\$ 103,718	\$ 2,238	\$ 15,872	\$ 1,350,480	\$ 1,290,868	\$ 1,040,366	\$ 59,612	\$ 310,114	\$ 1,408,220	96%
Charges for Service	9,382	5,917	4,727	3,465	4,655	60,391	65,083	49,039	(4,693)	11,352	71,000	85%
Interest Income	-	208	147	(208)	(147)	1,054	2,292	1,846	(1,237)	(791)	2,500	42%
Special Assessment Revenue	25,305	1,154	710	24,152	24,596	70,939	12,690	83,120	58,248	(12,181)	13,844	512%
Other Revenue	3,682	2,500	6,103	1,182	(2,422)	42,738	27,500	35,166	15,238	7,573	30,000	142%
Total Revenues	\$ 309,231	\$ 297,221	\$ 253,548	\$ 12,010	\$ 55,683	\$ 3,418,137	\$ 3,269,429	\$ 2,746,533	\$ 148,708	\$ 671,605	\$ 3,566,650	
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	2012-13 Amended Budget	% of Annual Budget
Operating Expenses	\$ 100,659	\$ 108,488	\$ 101,940	\$ (7,829)	\$ (1,281)	\$ 1,082,843	\$ 1,193,370	\$ 1,069,367	\$ (110,527)	\$ 13,476	\$ 1,301,858	83%
Property Tax Equivalents	7,103	7,103	7,103	0	-	78,135	78,135	78,135	(0)	-	85,238	92%
Capital Outlay	121	23,417	9,262	(23,295)	(9,141)	202,218	257,583	43,246	(55,366)	158,971	281,000	72%
Debt Service	680,063	117,306	-	562,757	680,063	1,407,007	1,290,361	66,590	116,646	1,340,416	1,407,666	100%
Transfers Out	-	2,917	609	(2,917)	(609)	29,181	32,083	1,487,814	(2,902)	(1,458,632)	35,000	83%
Depreciation	47,917	47,917	16,307	-	31,610	527,083	527,083	179,377	-	347,706	575,000	92%
Administrative Expenses	16,751	17,269	13,750	(518)	3,001	192,004	189,962	190,952	2,042	1,052	207,231	93%
Total Expenses	\$ 852,614	\$ 324,416	\$ 148,971	\$ 528,198	\$ 703,643	\$ 3,518,471	\$ 3,568,577	\$ 3,115,481	\$ (50,106)	\$ 402,989	\$ 3,892,993	
Net Fund Change	\$ (543,384)	\$ (27,195)	\$ 104,577	\$ (516,189)	\$ (647,960)	\$ (100,333)	\$ (299,148)	\$ (368,948)	\$ 198,815	\$ 268,615	\$ (326,343)	

City of South Haven
Sewer Fund - Fund 592
For the period ended May 31, 2013

Col 6 & 11

<i>Revenues:</i>	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	2012-13 Amended Budget	% of Annual Budget
Sales	\$ 158,962	\$ 180,319	\$ 162,805	\$ (21,356)	\$ (3,843)	\$ 1,883,481	\$ 1,983,504	\$ 1,834,855	\$ (100,024)	\$ 48,626	\$ 2,163,823	87%
IPP Revenues	4,343	8,402	12,518	(4,059)	(8,175)	72,695	92,422	78,863	(19,728)	(6,169)	100,824	72%
Interest Income	0	625	57	(625)	(57)	2,304	6,875	4,096	(4,571)	(1,792)	7,500	31%
Special Assessment Revenue	26,250	1,423	1,189	24,827	25,061	87,036	15,648	119,296	71,388	(32,260)	17,071	510%
Grant Revenue	100,790	17,383	88,378	83,407	12,412	268,849	191,217	88,378	77,633	180,471	208,600	129%
Other Revenue	85	292	150	(207)	(65)	2,100	3,208	3,454	(1,108)	(1,354)	3,500	60%
Total Revenues	\$ 290,430	\$ 208,443	\$ 265,097	\$ 81,987	\$ 25,333	\$ 2,316,465	\$ 2,292,875	\$ 2,128,942	\$ 23,590	\$ 187,523	\$ 2,501,318	

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<i>Expenses</i>	Month Actual	Monthly Budget	Prior year MTD	MTD Variance to Budget	MTD Variance to Prior Year	0	YTD Actual	YTD Budget	Prior YTD Actual	Variance to Budget	Variance to Prior Year	2012-13 Amended Budget	% of Annual Budget
Operating Expenses	\$ 135,759	\$ 102,883	\$ 112,571	\$ 32,876	\$ 23,188	\$	\$ 1,077,184	\$ 1,131,716	\$ 1,004,898	\$ (54,532)	\$ 72,286	\$ 1,234,599	87%
Grant Expense-SSSES	14,939	21,894	9,307	(6,955)	5,631		264,291	240,829	98,198	23,462	166,093	262,722	101%
Property Tax Equivalents	7,317	7,317	7,317	0	-		80,483	80,483	80,483	(0)	-	87,800	92%
Capital Outlay	286	24,758	3,766	(24,472)	(3,481)		259,176	272,342	74,610	(13,165)	184,566	297,100	87%
Transfers Out	-	20,542	1,046	(20,542)	(1,046)		241,732	225,958	547,119	15,774	(305,387)	246,500	98%
Depreciation	22,083	22,083	20,379	-	1,705		242,917	242,917	224,166	-	18,750	265,000	92%
Administrative Expenses	26,251	24,711	19,867	1,540	6,384		273,867	271,818	268,960	2,049	4,908	296,529	92%
Total Expenses	\$ 206,635	\$ 224,188	\$ 174,254	\$ (17,553)	\$ 32,381	\$	\$ 2,439,651	\$ 2,466,063	\$ 2,298,435	\$ (26,412)	\$ 141,216	\$ 2,690,250	

Net Fund Change \$ 83,796 \$ (15,744) \$ 90,843 \$ 99,540 \$ (7,048) \$ (123,186) \$ (173,188) \$ (169,493) \$ 50,002 \$ 46,307 \$ (188,932)

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
FISCAL 2010								
July	2009	12,389,873	12,357,337	36,659	48,993	12,393,996	96.01%	100.03%
August	2009	13,462,849	11,700,479	40,291	48,886	11,740,770	94.88%	87.21%
September	2009	11,004,137	11,863,780	46,615	48,907	11,910,395	95.21%	108.24%
October	2009	10,680,145	10,109,349	52,986	48,855	10,162,335	94.88%	95.15%
November	2009	10,212,003	8,933,607	57,051	49,015	8,990,658	94.78%	88.04%
December	2009	11,608,119	9,974,930	64,601	49,139	10,039,531	94.95%	86.49%
January	2010	11,621,521	11,465,048	59,614	49,050	11,524,662	95.50%	99.17%
February	2010	10,277,581	10,045,706	54,292	49,106	10,099,998	94.89%	98.27%
March	2010	10,530,705	9,668,123	53,233	49,185	9,721,356	94.82%	92.31%
April	2010	9,759,317	10,006,144	45,897	49,139	10,052,041	95.01%	103.00%
May	2010	11,100,098	9,158,723	42,230	49,194	9,200,953	94.39%	82.89%
June	2010	12,389,048	11,449,853	37,874	49,279	11,487,727	94.29%	92.72%
		<u>135,035,396</u>	<u>126,733,079</u>	<u>591,343</u>		<u>127,324,422</u>		
FISCAL 2011								
July	2010	16,257,328	13,438,394	37,192	49,323	13,475,586	92.44%	82.89%
August	2010	15,694,344	14,821,889	41,506	49,424	14,863,395	93.19%	94.71%
September	2010	11,066,633	12,074,098	47,613	49,507	12,121,711	93.30%	109.53%
October	2010	10,683,209	10,132,196	54,196	49,608	10,186,392	93.32%	95.35%
November	2010	10,510,315	10,391,582	61,923	50,014	10,453,505	94.15%	99.46%
December	2010	10,683,209	10,002,716	67,037	50,217	10,069,753	94.80%	94.26%
January	2011	11,953,507	11,068,303	64,924	50,660	11,133,227	94.29%	93.14%
February	2011	10,550,180	11,250,292	61,029	51,221	11,311,321	94.97%	107.21%
March	2011	11,124,090	9,519,380	57,044	51,539	9,576,424	94.47%	86.09%
April	2011	10,242,312	10,338,916	48,737	51,775	10,387,653	94.39%	101.42%
May	2011	11,028,132	9,957,130	44,762	51,986	10,001,892	95.00%	90.69%
June	2011	12,229,714	12,173,212	38,326	52,024	12,211,538	95.61%	99.85%
		<u>142,022,973</u>	<u>135,168,108</u>	<u>624,289</u>		<u>135,792,397</u>		
FISCAL 2012								
July	2011	15,964,582	12,755,514	37,013	52,009	12,792,527	95.52%	80.13%
August	2011	14,632,086	15,136,722	42,500	52,092	15,179,222	95.39%	103.74%
September	2011	11,307,801	12,319,850	47,553	52,087	12,367,403	95.97%	109.37%
October	2011	10,969,854	9,722,952	56,849	52,308	9,779,801	95.56%	89.15%
November	2011	10,739,972	10,221,480	61,585	52,280	10,283,065	95.62%	95.75%
December	2011	11,617,747	9,798,051	68,085	101,307	9,866,136	95.27%	84.92%
January	2012	11,913,417	11,146,773	65,812	52,441	11,212,585	94.76%	94.12%
February	2012	10,944,615	10,940,177	58,568	52,236	10,998,745	95.34%	100.49%
March	2012	11,050,285	10,825,582	58,568	52,363	10,884,150	95.24%	98.50%
April	2012	10,395,921	10,227,215	47,347	52,247	10,274,562	95.56%	98.83%
May	2012	11,744,237	10,681,872	44,415	52,218	10,726,287	95.19%	91.33%
		<u>131,280,518</u>	<u>123,776,188</u>	<u>588,295</u>		<u>124,364,483</u>		
Prior Year-to-date		129,793,259	122,994,896	585,963		123,580,859		
Two Years Prior		122,646,348	115,283,226	553,469		115,836,695		

City of South Haven
Electric Fund - Fund 582
For the period ended May 31, 2013

Col 6 & 11

<i>Revenues:</i>	<i>Month Actual</i>	<i>Monthly Budget</i>	<i>Prior year MTD</i>	<i>MTD Variance to Budget</i>	<i>MTD Variance to Prior Year</i>	<i>YTD Actual</i>	<i>YTD Budget</i>	<i>Prior YTD Actual</i>	<i>Variance to Budget</i>	<i>Variance to Prior Year</i>	<i>2012-13 Amended Budget</i>	<i>% of Annual Budget</i>
Electric Sales	\$ 1,157,595	\$ 1,135,940	\$ 1,023,196	\$ 21,655	\$ 134,399	\$ 13,556,929	\$ 12,495,338	\$ 12,377,973	\$ 1,061,591	\$ 1,178,956	\$ 13,631,278	99%
Charges for Service	\$ 11,193	\$ 20,833	\$ 31,115	\$ (9,641)	\$ (19,922)	\$ 275,361	\$ 229,167	\$ 158,873	\$ 46,195	\$ 116,489	\$ 250,000	110%
Interest Income	\$ 18,841	\$ 2,500	\$ 6,110	\$ 16,341	\$ 12,730	\$ 34,145	\$ 27,500	\$ 43,324	\$ 6,645	\$ (9,179)	\$ 30,000	114%
Other Revenue	\$ 9,327	\$ 2,500	\$ 6,743	\$ 6,827	\$ 2,584	\$ 43,709	\$ 27,500	\$ 43,003	\$ 16,209	\$ 706	\$ 30,000	146%
Transfers In	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total Revenues	\$ 1,196,956	\$ 1,161,773	\$ 1,067,165	\$ 35,183	\$ 129,791	\$ 13,910,144	\$ 12,779,505	\$ 12,623,173	\$ 1,130,639	\$ 1,286,971	\$ 13,941,278	

1 2 3 4 5 6 7 8 9 10 11

<i>Expenses</i>	<i>Month Actual</i>	<i>Monthly Budget</i>	<i>Prior year MTD</i>	<i>MTD Variance to Budget</i>	<i>MTD Variance to Prior Year</i>	<i>YTD Actual</i>	<i>YTD Budget</i>	<i>Prior YTD Actual</i>	<i>Variance to Budget</i>	<i>Variance to Prior Year</i>	<i>2012-13 Amended Budget</i>	<i>% of Annual Budget</i>
Purchased Power	\$ 674,147	\$ 796,250	\$ 865,924	\$ (122,103)	\$ (191,777)	\$ 7,777,399	\$ 8,758,750	\$ 8,480,229	\$ (981,351)	\$ (702,830)	\$ 9,555,000	81%
Other Operating Expenses	\$ 164,532	\$ 145,273	\$ 131,810	\$ 19,259	\$ 32,722	\$ 1,552,641	\$ 1,598,002	\$ 1,758,093	\$ (45,361)	\$ (205,452)	\$ 1,743,275	89%
Property Tax Equivalents	\$ 54,821	\$ 54,821	\$ 52,312	\$ -	\$ 2,508	\$ 603,028	\$ 603,028	\$ 575,436	\$ -	\$ 27,593	\$ 657,849	92%
Energy Optimization Costs	\$ 21,917	\$ 21,738	\$ 21,684	\$ 179	\$ 233	\$ 221,066	\$ 239,116	\$ 191,374	\$ (18,050)	\$ 29,693	\$ 260,854	85%
Capital Outlay	\$ 21,339	\$ 27,000	\$ 76,034	\$ (5,661)	\$ (54,696)	\$ 195,975	\$ 297,000	\$ 529,476	\$ (101,025)	\$ (333,501)	\$ 324,000	60%
Transfer Out	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 167,018	\$ 153,100	\$ 153,767	\$ 13,918	\$ 13,251	\$ 167,018	100%
Depreciation	\$ 40,500	\$ 40,500	\$ 39,510	\$ -	\$ 990	\$ 445,500	\$ 445,500	\$ 434,614	\$ -	\$ 10,886	\$ 486,000	92%
Administrative Expenses	\$ 57,028	\$ 57,969	\$ 46,664	\$ (941)	\$ 10,364	\$ 618,890	\$ 637,658	\$ 607,459	\$ (18,768)	\$ 11,431	\$ 695,627	89%
Total Expenses	\$ 1,034,283	\$ 1,143,550	\$ 1,233,938	\$ (109,268)	\$ (199,655)	\$ 11,581,518	\$ 12,732,154	\$ 12,730,447	\$ (1,150,637)	\$ (1,148,930)	\$ 13,889,623	

Net Fund Change	\$ 162,673	\$ 18,223	\$ (166,773)	\$ 144,450	\$ 329,446	\$ 2,328,627	\$ 47,350	\$ (107,274)	\$ 2,281,276	\$ 2,435,901	\$ 51,655	
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City of South Haven

Agenda Item # 9

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

- 6/2/10 – Security light costs (material, labor, O & M). File located, under review.
- 5/23/11 – Welder transformer. Addressed under agenda item 11 at the July meeting. GRP Engineering has been requested to perform an analysis of the cost of the “no load losses” associated with these transformers, and to evaluate alternatives. City staff has compiled data and forwarded to GRP. GRP is proceeding with the analysis.
- 2/27/12 – October 31, 2011 meeting requested staff pursue possible contract language change not limiting liability to the amount of the contractor’s insurance; and remove statement that the contractor is not liable for making sure the sub-contractors do the work properly.
- 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 IMMUDA 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.
- 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.

Board of Public Utilities
Staff Report
Agenda Item #9
Prepared by Roger Huff
Page 1 of 2
June 24, 2013

- ~~2/26/13~~ Burr requested that tree trimming be added to the report as an ongoing issue. Huff will add Burr to the distribution of the 515 Report which includes the Arborist weekly tree report.



City of South Haven

Agenda Item # 10

Hydrant Water Sales Policy

Background Information:

Bulk water sales are defined as hydrant water sales in Appendix #1 (copy attached) of the "City of South Haven Public Utilities Rules, Regulations and Policies" (BPU date of recommendation: December 18, 2006, adopted by City Council: January 15, 2007, updated: November 15, 2010). Per this policy, charges for use shall include:

- Installation, removal, operation of fire hydrant - \$50.00 labor (includes up to 4,000 cubic feet). The installation fee shall be paid in advance.
- Water in excess of 4,000 cubic feet will be charged at the standard rates published.

Current fees were established July, 2006. City staff recommends a formal change to the policy and rates to provide defined procedures, cover costs for installation and removal, and establish a fair rate for the water used by including a standby fee. The following policy is proposed:

BULK WATER SALES POLICY

Purpose. This policy is intended to provide for bulk water sales. Bulk water sales are considered to be large volume, high flow delivery via a temporary connection to a fire hydrant. Bulk water sales are available for the following purposes: Filling of outdoor swimming pools, agricultural irrigation or livestock, construction projects, and commercial water sales. Other uses may be approved by the Public Works Director on a case by case basis.

Application. Customers seeking bulk water sales shall make application for service at the Department of Public Works on the form provided.

Hydrant Meters. All bulk water sales will occur via a hydrant meter and backflow preventer provided by the City.

Location of Hydrant Meters. Approved applicants may take delivery of water at the Department of Public Works Building, 1199 8th Avenue without incurring a hydrant meter deposit or setup fee. Applicants may request installation of a hydrant meter near their property. The City will review applicant's request to ensure that the hydrant meter can be installed in a safe location. The City shall limit the number of days for remote hydrant meter installations during periods of high demand to seven (7) calendar days.

Deposits for Hydrant Meters. Applicants shall pay a deposit for the hydrant meter and backflow preventer assembly. The deposit will be refunded if the assembly is returned in an undamaged condition. In the event that the assembly is damaged, the City will repair the assembly and deduct the repair charges from the applicant's deposit.

Setup Fees. Applicants shall pay a fixed setup fee to cover the cost of installation of a hydrant meter near their property. The setup fee will include the average cost for staff time, administrative time, and vehicle mileage required for installing and removing the hydrant meter assembly.

Payment. Payment for usage will include standby charges based on the size of water meter provided and water usage rate based on the current rate schedule adopted by City Council and incorporated into the Code of Ordinances. The monthly standby charges will be prorated to a daily amount by dividing the monthly charge by the average number of days per month (30.42). The customer will be billed standby charges for the number of days that the hydrant meter remains installed and available for their usage. The customer will be billed water usage for a minimum of 2,500 cubic feet, regardless of the actual amount used. Customers taking delivery at the Department of Public Works Building will not be billed a daily standby charge.

Connection to Hydrant Meters. Customer may only connect to the hydrant meter assembly with flexible hose that can be rapidly removed in the event of a fire. No hard piping connections are permitted.

Summary of Charges based on adopted 2014 Water Rates:

Deposit for Hydrant Meter ¹	\$500.00
Setup Fee for Hydrant Meter ¹	\$200.00
Standby Fee for 3" Hydrant Meter ¹	\$6.37 per day
Water Usage Rate	\$53.25 minimum charge for 2,500 cubic feet or less 2,500 – 25,000 cubic feet: \$1.93 per 100 cubic feet Over 25,000 cubic feet: \$1.87 per 100 cubic feet

¹ Charged to customers taking delivery at location remote to DPW building.

Recommendation:

Approve a recommendation that City Council pass a resolution amending the utility policy as proposed.

Support Material:

Appendix #1

Respectfully submitted,

Roger Huff, P.E.
Director

Board of Public Utilities
Staff Report
Agenda Item #10
Page 3 of 3
June 24, 2013

June 24, 2013
Board of Public Utilities
Page 19 of 26

Appendix #1

UTILTIY RATES

July, 2006

RATES

(Copy of Resolution 944)

DELAYED PAYMENT CHARGE

The above rates are NET if paid on or before the date appearing on the customer's bill.

The GROSS rate is obtained by adding 10% to the NET rate. This amount applies to all payments made after the date appearing on the customer's bill

HYDRANT WATER SALES

The sale of water from fire hydrants will only be available with the expressed permission of the City Water Department. It will be the responsibility of the person requesting the use of temporary water to pay for the installing, removing, and the turning on and off of the hydrant and the water used and any damage which may result from such use.

Charges for use shall include:

- Installation, removal, operation of fire hydrant - \$50.00 labor (includes up to 4,000 cubic feet). The installation fee shall be paid in advance.
- Water in excess of 4,000 cubic feet will be charged at the standard rates as published.

Tanker truck sales will only be available from the specified hydrant located at the Department of Public Works building, located at 1199 8th Avenue. Fees assessed will be the same as required for all hydrant sales.



Agenda Item No. 11

Monroe Boulevard Sewer Extension

Background Information:

Last fall, the former Canonie property at 900 Monroe Blvd was purchased and the old home located on this lot was demolished. The water and sewer connections were disconnected at the right-of-way line of Monroe Blvd. The new property owner has continued to pay standby charges on these connections with the intention of reusing them for a new home.

The parcel was then subdivided into 7 lots to provide sites for the location of 7 new single family residences. Construction of the first home has started at 872 Monroe Blvd, which is the northern most lot. The developer of this lot, Zackary Bossenbroek has make application to obtain water and sewer service to 872 and 876. According to Kelli Steinman, availability fees, connection fees, inspection fees, and meter deposits have been collected for these two lots.

Work orders were then sent to the Water Department instructing them to install the requested water and sewer taps. Upon receipt of these work orders, Rodney Hutsell visited the site and reviewed construction plans to determine the location of the nearest water and sewer mains. At that point in time, it was discovered that there is no sewer main along the frontage of the new lots with the addresses listed above. The sewer service for the former Canonie house is connected to the manhole at the intersection of Elkenburg St and Monroe Blvd.

In order to provide adequate sanitary sewer service to 876, 880, and 888 Monroe Blvd, a new 8-inch diameter sewer main should be extended from the manhole at Elkenburg St, extending north for 180 feet. A new manhole must be installed at the north end of this sewer run. Due to limited right-of-way width and existing utilities, the only feasible location for this sewer main extension is near the centerline of the existing pavement.

In order to permit a safe excavation for laying the sewer main, the full width of roadway asphalt must be removed and replaced. In addition, costs are included to replace the curb and gutter on the west side, and install sewer and water service stubs to 876, 880, and 888 Monroe Blvd. The road will be reconstructed to match the existing pavement section, including 5 ½-inches of asphalt and 9-inches of gravel. The preliminary cost estimate for completion of the work is \$78,723.75.

In order to complete the engineering design, staff has contracted with Mitchell & Morse Land Surveying to complete the necessary topographic survey. In addition, we have solicited a proposal for engineering services from Abonmarche.

It is estimated that the developer will pay the following fees for water and sewer connections to 876, 880, and 888 Monroe Blvd:

Fee	Amount
Water System Availability Fee ¹	\$5,250.00
Water Connection Fee	\$8,400.00
Sewer System Availability Fee ¹	\$5,190.00
Sewer Connection Fee	\$12,600.00
Total Fees Collected	\$31,440.00

¹ Availability Fees are collected as a purchase of capacity in the water distribution and sewer collection systems. Availability fees are not typically utilized to pay for construction of main extensions.

Currently, the developer has paid for water and sewer service to 876 Monroe Blvd and the City is unable to provide sewer service to this address. As a result, the design of the sewer main extension needs to be completed as soon as possible and the City needs to obtain the necessary permit from the Michigan Department of Environmental Quality that permits construction of the main. Competitive bidding is required to ensure that the City receives a fair price for completion of the work. Based on the amount of work that needs to be completed, it is not feasible to begin construction prior to early August. Because Monroe Blvd is a major street and carries high volumes of traffic, it is recommended that construction be delayed until early September. This may require some form of temporary service for 876 Monroe Blvd such as a temporary shared service with 872 Monroe Blvd.

Recommendation:

Approve beginning construction early September (after Labor Day).

Allow the City Manager to negotiate an agreement with the developer for construction costs.

Attachments:

900 Monroe Lot Split Map
Conceptual Sewer Main Design
Preliminary Cost Estimate

Respectfully submitted,

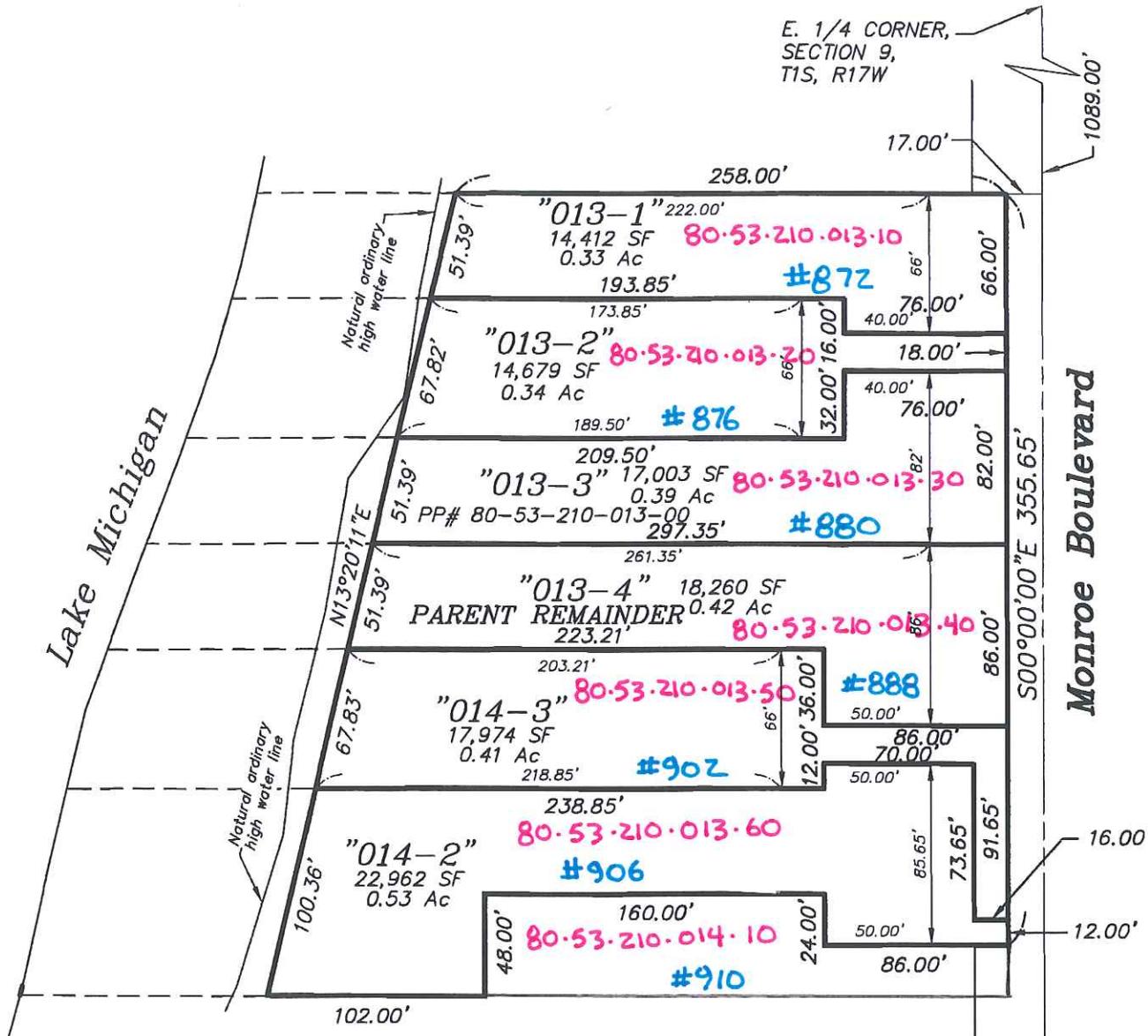
Larry Halberstadt, P.E.
City Engineer

E. 1/4 CORNER,
SECTION 9,
T1S, R17W

PREPARED FOR: Pier View South, LLC
c/o Bossenbroek Law, PLLC
2855 44th Street, SW Suite 120
Grandville, MI 49418

RE: 900 Monroe Blvd.

PARTIAL DESCRIPTION: Part of Section 9, Town 1 South, Range 17
West, City of South Haven, Van Buren County, State of Michigan.
(See sheet 2 of 3 and 3 of 3 for complete descriptions.)



Parcel Name	Average Depth	Width	Ratio
"013-1"	227.93	66	1 : 3.45
"013-2"	181.68	66	1 : 2.75
"013-3"	255.43	82	1 : 3.11
"013-4"	267.28	86	1 : 3.11
"014-3"	211.03	66	1 : 3.20
"014-2"	300.43	85.65	1 : 3.51

Scale 1" = 80'

- = Concrete
- D = Description dimension
- M = Measured dimension
- P = Platted Dimension
- = Set Iron Stake
- = Found Iron Stake
- x— = Fence Line

This sketch was made from the legal description shown above. The description should be compared with the Abstract of Title or Title Policy for accuracy, easements and exceptions.



By: *Scott A. Hendges*
Scott A. Hendges Licensed Professional Surveyor No. 47953



www.nederveld.com
800.222.1868

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ANN ARBOR
3025 Miller Road
Ann Arbor, MI 48103
PHONE: 734.929.6963

COLUMBUS
6355 Old Avery Road, Suite A
Dublin, OH 43016
PHONE: 614.859.1127

HOLLAND
347 Hoover Boulevard
Holland, MI 49423
PHONE: 616.393.0449

CHICAGO
1082 National Parkway
Schaumburg, IL 60173
PHONE: 312.878.3897

GRAND RAPIDS
217 Grandville Ave., Suite 302
Grand Rapids, MI 49503
PHONE: 616.575.5190

INDIANAPOLIS
8459 Castlewood Dr., Suite B
Indianapolis, IN 46250
PHONE: 317.288.3762

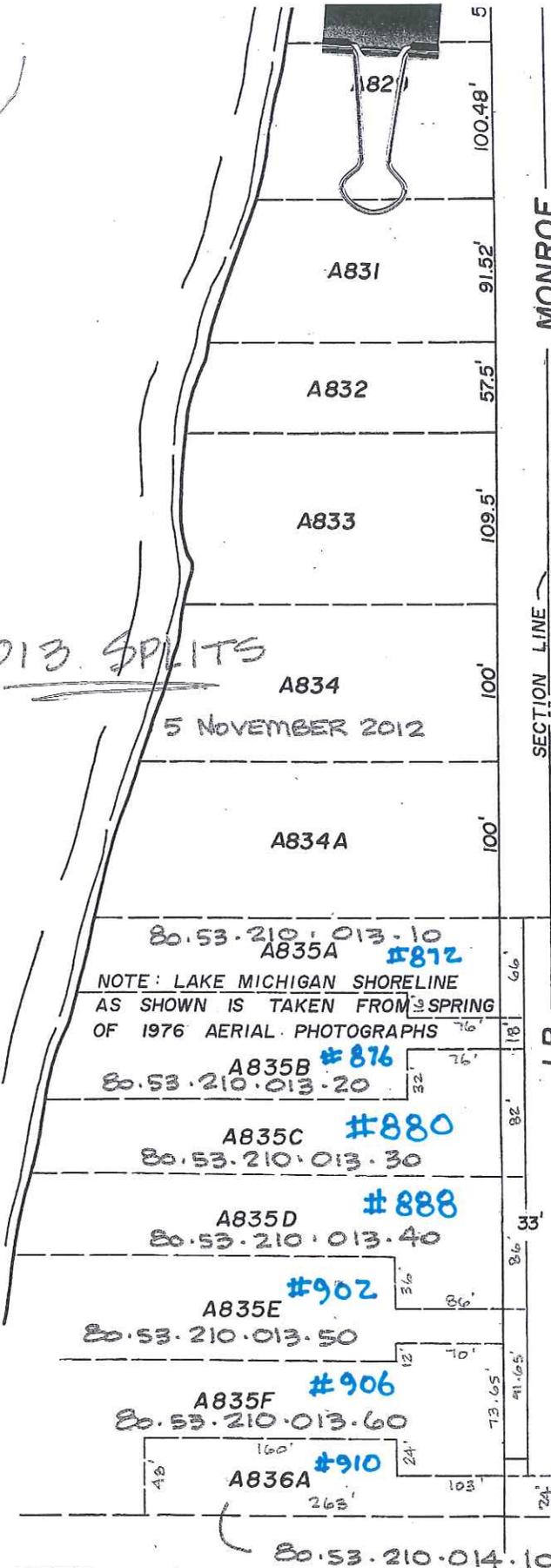
rev.: _____ date: _____
project no.: 12200889R-1111 date: 10.29.12 VB
Board of Public Utilities

THE GABRIEL
CONDOMINIUMS

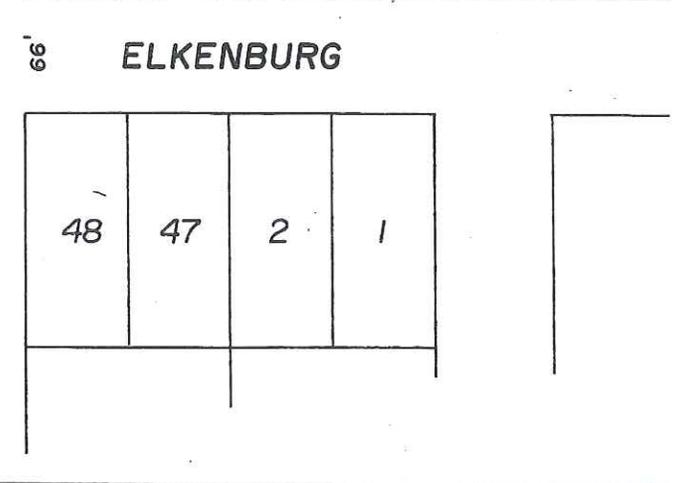
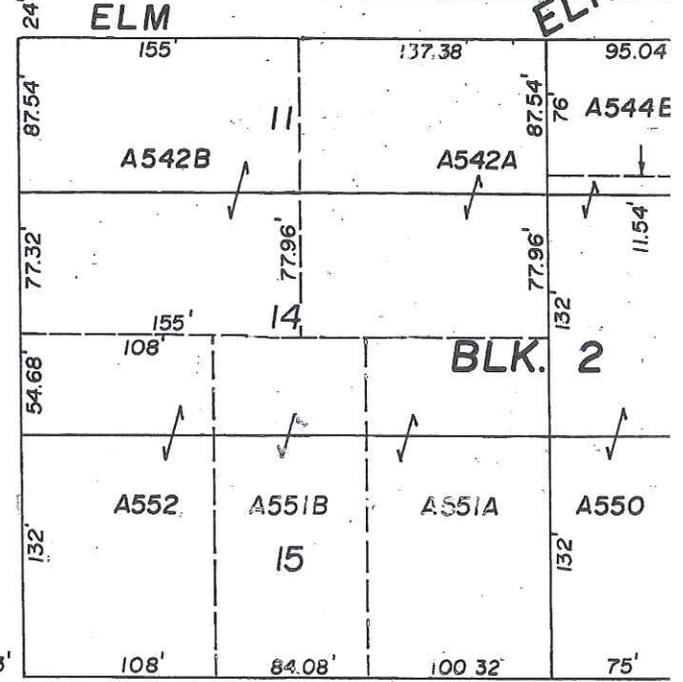
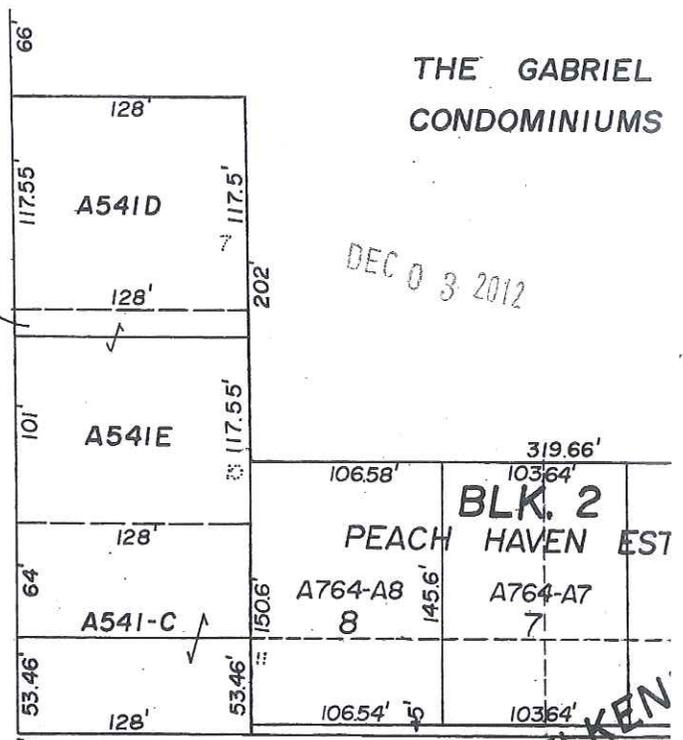
DEC 03 2012

2013 SPLITS

5 NOVEMBER 2012



NOTE: THIS PLAT WAS DRAWN TO ASSIST IN THE LOCATION AND ASSESSING OF LAND, AND SHOULD NOT BE USED AS A BASIS FOR WRITING LEGAL LAND DESCRIPTIONS.



Monroe Blvd Sanitary Sewer
Preliminary Estimate of Project Cost
6/18/2013

Item No.	Section No.	Pay Item	Qty	Units	Unit Price	Amount
1	01 10 00	Mobilization, Max 5%	1	Lump Sum		\$ 2,999.00
2	01 50 00	Temporary Traffic Control	1	Lump Sum		2,000.00
3	31 10 00	HMA Surface Rem.	770	Sq. Yd.	1.50	1,155.00
4	31 10 00	Curb and Gutter Rem.	210	Ln. Ft.	6.00	1,260.00
5	31 22 13	Roadway Grading	2.1	Station	1,500.00	3,150.00
6	31 25 13	Inlet Protection, Silt Bag	4	Each	100.00	400.00
7	32 11 16	Subbase	425	Cu. Yd.	10.00	4,250.00
8	33 11 23	Aggregate Base, 21AA, 4 inch	70	Sq. Yd.	5.00	350.00
9	33 11 23	Aggregate Base, 21AA, 9 inch	770	Sq. Yd.	7.50	5,775.00
10	32 12 16	HMA, 3C	186	Ton	70.00	13,020.00
11	32 12 16	HMA, 4C	70	Ton	80.00	5,600.00
12	32 13 13	Curb and Gutter, Conc, Det F4	210	Ln. Ft.	12.00	2,520.00
13	32 17 23	Line Mrkg, Regular Dry, Yellow, 4 in	420	Ln. Ft.	2.00	840.00
14	33 01 33	Video Taping Sewer Pipe, San	180	Ln. Ft.	2.00	360.00
15	33 05 14	Structure, San. MH, 48 in. Dia	1	Each	2,500.00	2,500.00
16	33 05 14	Structure Cover, EJ #1040 San Logo	1	Each	500.00	500.00
17	33 05 14	Structure Tap, 8 inch San	1	Each	1,000.00	1,000.00
18	33 12 13	Water Svc., 1 inch	60	Ln. Ft.	12.00	720.00
19	33 12 13	Curb Stop, 1 inch	3	Each	350.00	1,050.00
20	33 12 13	Meter Pit, 18 inch	3	Each	300.00	900.00
21	33 31 13	San. Swr., PVC SDR 35, 8 inch	180	Ln. Ft.	45.00	8,100.00
22	33 31 13	San. Swr. Service., 6 inch	105	Ln. Ft.	30.00	3,150.00
23	33 31 13	San. Swr. Service Cleanout	3	Each	250.00	750.00
24	33 46 00	Underdrain, Subbase, 6 inch	210	Ln. Ft.	3.00	630.00
Construction Subtotal, Pavement Removal & Restoration						\$ 40,950.00
Construction Subtotal, Water and Sewer						\$ 22,029.00
Engineering (15%)						\$ 9,446.85
Contingency (10%)						\$ 6,297.90
Total Project Cost						\$ 78,723.75