

UTILITY ADVISORY BOARD
Thursday, April 20, 2017
1900 Oak Industrial Drive
8:00 a.m.
AGENDA

1. Approval of Minutes – March
2. Public Comment on Agenda Items
3. Operations Report – Eastman - Attached
4. Financial Report – Eastman - Attached
5. FY2018 Proposed Operating Budget and Capital Program - Eastman - Attached
6. USD Maps Memo –Eastman - Attached
7. The ICB Assistance Program 1st Quarter CY 2017 Report -Giffel- Attached
8. Summer ATT Memo- Giffel- Attached
9. Redundant Fiber Communications for Lake Michigan Filtration Plant – Jernberg - Attached
10. Cityworks Go Live at the Lake Michigan Filtration Plant- Jernberg
11. Lead Service Line Replacement Update – Thompson
12. Waterweek Fly-in – Washington D.C. – Lunn - Attached
13. Market Avenue Settlement Update - DeClercq - Attached
14. Updates
 - a. Monthly Contract Awards –March 2017 - Attached
 - b. UAB Rate Review Subcommittee
 - c. 5 year Extension of Water/Sewer Agreements
15. Public Comment
16. Items from Members
17. Next Meeting –May 18, 2017- 8:00 a.m. -Water Office
18. Adjournment

Utility Advisory Board

Minutes

March 16, 2017

Call to Order:

The meeting was called to order by Eric DeLong, at 8:07 a.m. at Grand Rapids Water Office, 1900 Oak Industrial Drive NE.

Present:

Samarhia Giffel, Jenessa Carter, Dave Harran, Wayne Jernberg, Chuck Schroeder, Molly Eastman, LaToya Black, Joellen Thompson, Mike Grenier, Dan Vanderheide, Tom Almonte, Eric DeLong, Doug LaFave, Darrel Schmalzel, Michael DeVries, Mike Lunn, William Kaiser, Nicole Pasch

Public Comment

None

Approval of Minutes

Motion 17:03 Motion by Darryl Schmalzel, supported by Wayne Jernberg, to approve the minutes from the January UAB meeting.

MOTION CARRIED.

Public Comment

None.

Service Area Expansion – Grand Rapids Township

Michael Devries described the service area expansion request for Grand Rapids Township and stated that they are recommending approval.

Action Taken

Motion 17:04 Motion by Darrel Schmalzel, supported by Joellen Thompson, to approve the service area expansion for Grand Rapids Township.

Motion Carried.

Review of Lead and Water

Lead service line replacement will not affect customer community rates at all. Wayne Jernberg, Molly Eastman and Joellen Thompson have led the effort. Joellen Thompson stated that a year ago after the crisis, all the water systems received a letter from the DEQ. One of the things in the letter was to be advised that partial lead service lines are to be avoided due to increased lead levels. Staff is trying to figure out how to do that. We worked with a team of people. Allen Ganic worked with us on the A-3. We have some numbers and background on how we got started with lead and copper. We are fully in compliance with the lead and copper rule.

Staff wanted to get this done by this construction year. They worked on it the last several months. We looked at a couple of options including a full service line replacement, which was for the city to pay for the replacement. We had this program for a long time but it was not widely used. The city is replacing the public side of the service line, so they are creating a condition where we need to do the rest of it. We have some educational materials that we will need to continue to pay for.

Regarding the comparison between the current and future state, the rate impact on city rate payers is nominal. The ones with the construction projects will be capitalized. The rate impact on that is .1%.

There are some that are done every year, leaks or breaks. With those there is a plumbing contract on the private side. That will be a 1.2% rate impact. This is a plan to replace those impacted by construction or if they leak or break. The ones that remain, the partial or other lead service lines will only be dealt with in a future construction project. Those will remain in place until such time that they are impacted.

Eric DeLong explained that there have been studies that have been shown that there is potential for release of particulate lead when you play with that connection. For that reason, the DEQ said that partial service lines are to be avoided. The initial review was if you can avoid it, it avoid it. As we move forward there will be rule making that says no service line replacement. The potential release of the particulate lead is the reason the city can pay for the piece between the corporation and the house. Because we changed the situation, we can make the investment. We are not going to own that piece. Now we can do this without having ongoing liability. We are only going to be doing this with projects that need replacement. We expect this to go well. We are working on updating the policy, the ordinance and an agreement.

Wayne Jernberg noted that staff is working on a communication plan. Staff will have something for Eric DeLong to review to identify the process of contacting the public. Staff will try to contact individuals by phone. They will make three attempts, then will go to the house. If they are not home, they will leave a flyer or a mailer that says please contact us as soon as possible. He is also drafting a couple other pieces of literature. If they refuse, what are the ramifications or what falls back on the property owner. City engineers have bid a couple of the projects. They did get an estimate back on the retaining plumber. The cost is less than we estimated in the A-3.

A question was asked regarding what takes place if a homeowner refuses. How will staff work through that? Wayne replied that he had drafted up a letter stating that this is a one-time deal. The water main is getting replaced. If it leaks there is no opportunity for the city to assist. Those are some of the things we will discuss

Eric DeLong stated that he and Joellen Thompson had made a presentation to the Kent County Lead Task Force. We talked about what they are doing. They wanted to know about lead and water. They were told that there is none. We talked about environmental lead being a major source. It was a good discussion. One of the questions was if there is no lead in the water and all of your services are safe, why do you think you need to replace the services? The answer is, there is no lead in the water but this is the last time we are going to be in the neighborhood for a long time. There may be evidence that lead could be an issue for a period of time.

Administration Building Remodeling

Mike Lunn discussed the project at the Water Resource Recovery Plant. It involves the administration building. It was built in 1954. In 1970, they added a space for new controls and expanded in 1978. Practices have changed over the year. We updated all the hoods and brought them up to current standards. There will be half as many hoods when we get done with this project. They added more office space on one part of the building. This is in the five year capital plan. \$1.5 million in the budget and the rest is in future year.

Darrel Schmalzel asked about the exterior work. Mike Lunn explained that the new addition is the auditorium. There will be parking out front and in back. He has a packet of information on this if you would like me to distribute it. Mike Lunn stated that we think that parking is going to be fine. Behind the building there is a big parking lot, but most people like to park in front.

Updates

Monthly Contract Awards – January and February 2017

Breese Stam stated that there is sandblasting work updates awarded back in 2016. We went back for more money. The roof is in extremely poor condition. They had to remove the entire roof off that tank. That is why we needed \$200,000.

Breese Stam stated that regarding the Water/Sewer UAB Report - February 2017, there are four awards. South High Lift Pumps – at the Lake Michigan Filtration Plant, Reconstruction of College Avenue from Wealthy Street to Cherry Street, CIPP Lining of Storm and Sanitary Sewer at various locations and Utility Improvements at various locations.

UAB Rate Review Subcommittee

There is a Rate Review Subcommittee meeting next Friday. We should be getting close to some conclusions. Eric DeLong stated a lot of time has been spent on what to do with assessments and payback agreements. We decided it was up to each partner to decide what they want to do with those.

5 Year Extension of Water/Sewer Agreement

Staff will work on the water system agreement at a later time.

Other Business

Michael Grenier was introduced. Michael has joined the city at the new Water Filtration Plant.

Mike Lunn stated that digestion is moving along. SRF is along the same time frame and there are a couple of large projects.

Breese stated that the concentrated waste line project is going to be bid shortly. Eric DeLong noted that that would need to be done by the end of the year. We have two alternates going on that includes Ottawa Avenue water main work and Sheldon Avenue water main

Jenessa Carter and Molly Eastman have been going through Nancy Meyer's old files and updating information. All of the UAB customer community maps will be visible on located on the web site.

Dan VanderHeide stated that there was an RFP for Wayne Avenue. We will begin the loop to the Baileys Grove main and they will complete the trunk as part of the system. Wayne Jernberg noted that they had put in \$1 million dollars.

In regards to Market Avenue there is a dip by the railroad bridge. We have tried to level out the dip. It is the same kind of geology there than by the S curve. We put spokes down. There is a void by the floodwall and by the transmission main and the trunk sewer. We are engaged several consultants to find the scope of what we have to do. We are in the process of using our utility service contract.

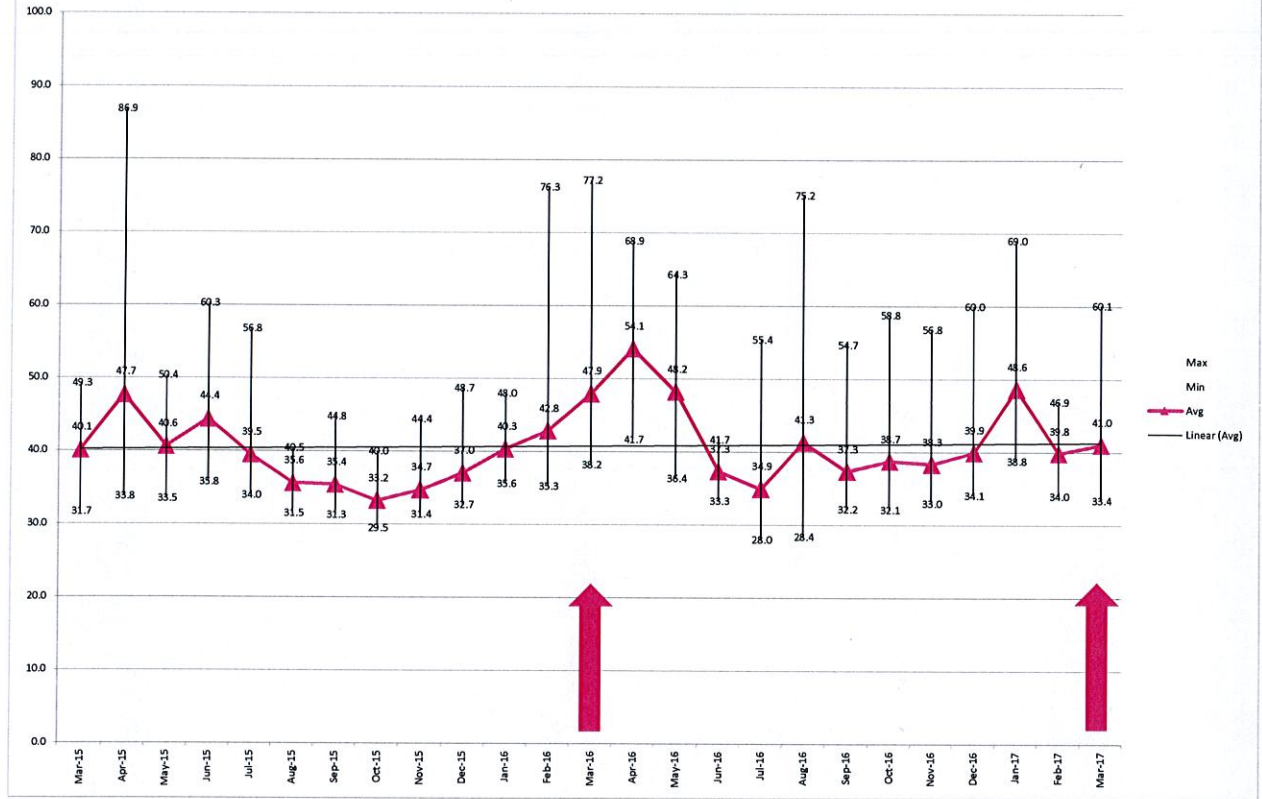
Items for next Meeting

Voids on Market Avenue, Water Budget, and the ESD budget

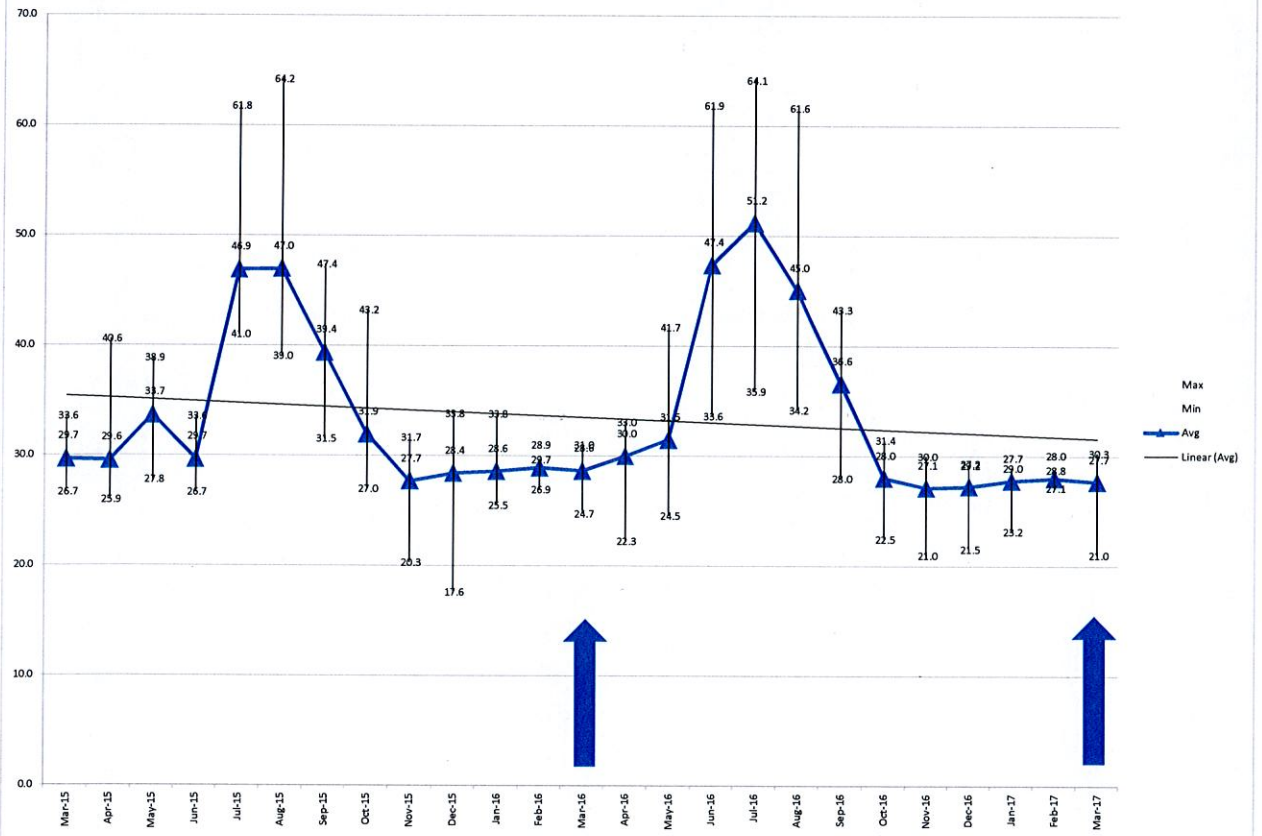
Adjournment

The UAB meeting was adjourned at 8:53 a.m.

Sewer - Treated Flow (MGD)



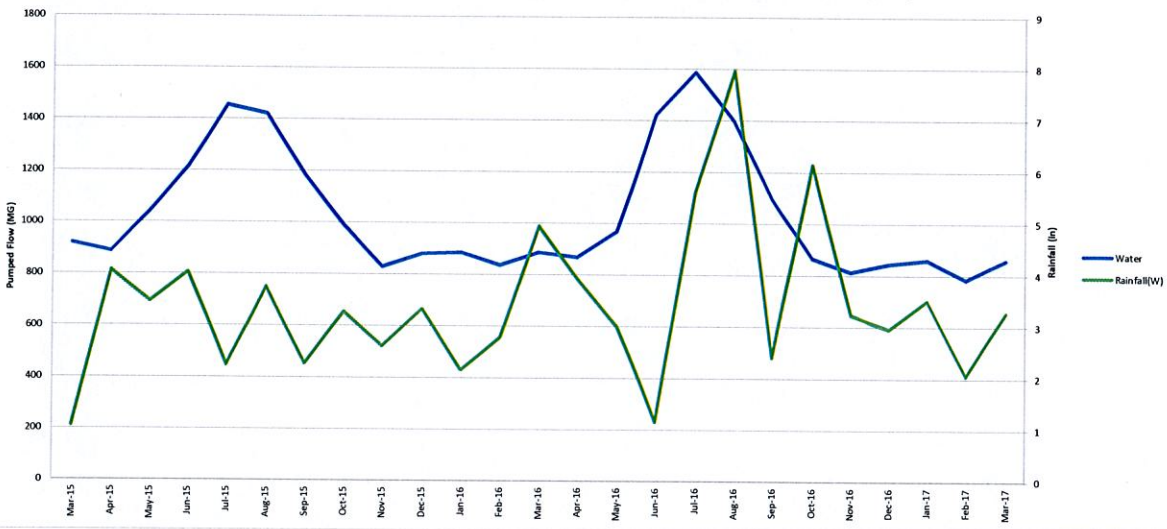
Water - Pumped Flow (MGD)



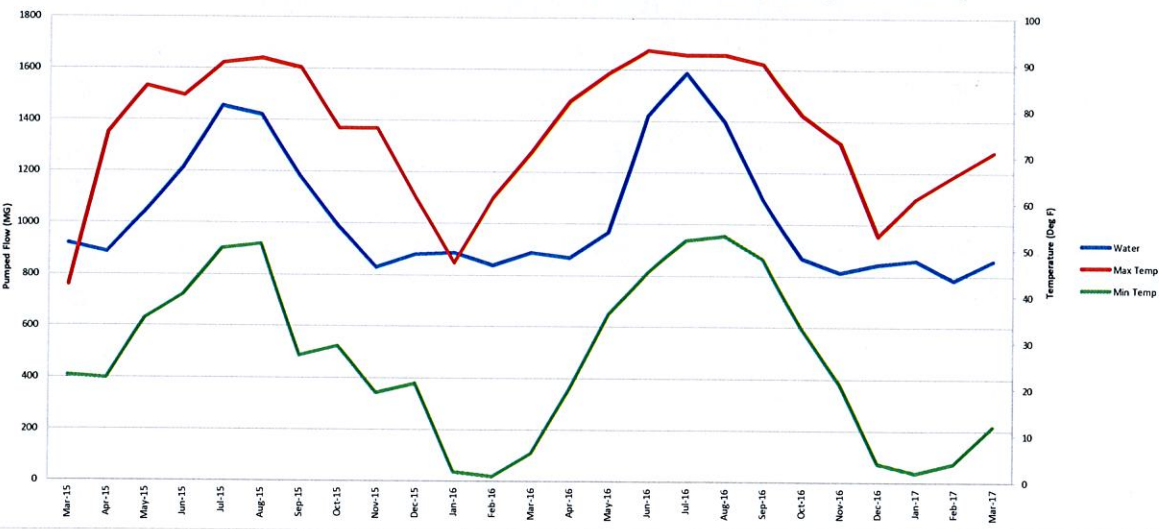
Sewer - Treated Flow (MG) Compared to Rainfall (IN)



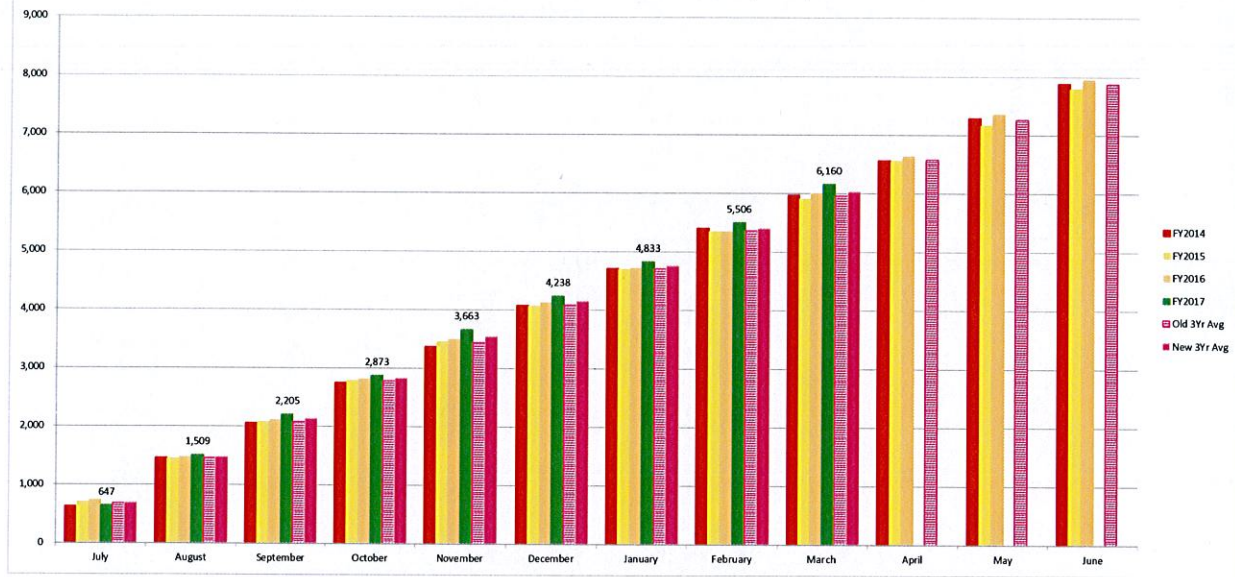
Water - Pumped Flow (MG) Compared to Rainfall (IN)



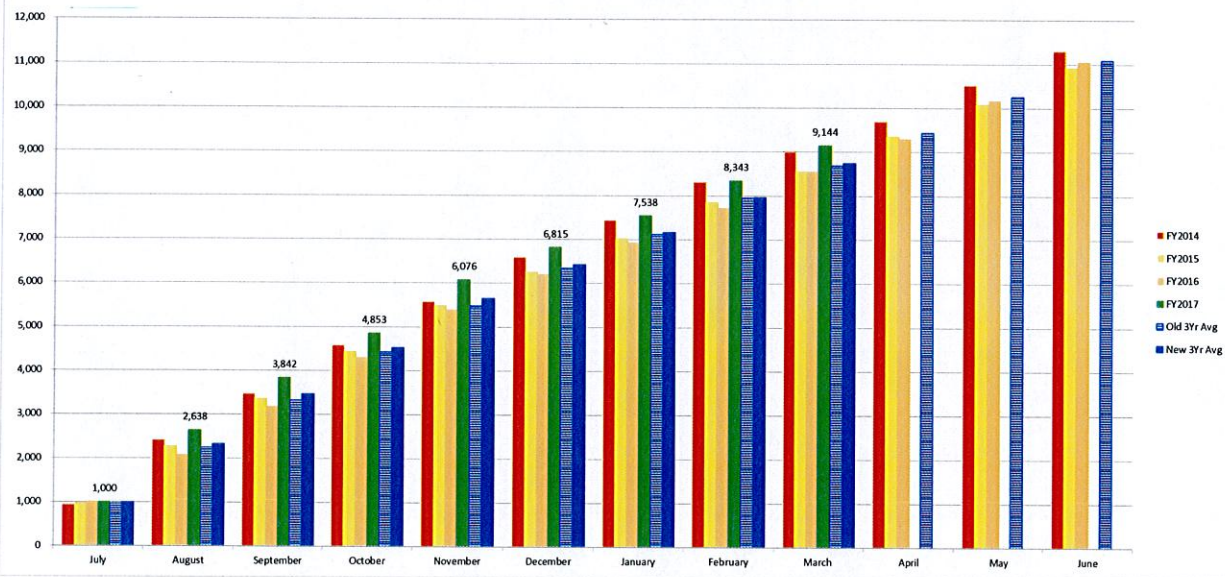
Water - Pumped Flow (MG) Compared to Temp (Deg Farenheit)



Sewer - YTD Billed Flow (MG)



Water - YTD Billed Flow (MG)



WATER SUPPLY SYSTEM			Fund:		5910
FINANCIAL REPORT					
QUARTER ENDING 03/31/17					
<i>Description</i>	<i>FINAL FY16 BUDGET</i>	<i>ADOPTED FY17 BUDGET</i>	<i>Q3FYTD-FY16</i>	<i>Q3FYTD-FY17</i>	<i>FY17/FY16 VARIANCE</i>
Retail Service Charges	\$ 34,749,532	\$ 34,961,696	\$ 23,703,611	\$ 25,359,565	\$ 1,655,953
Wholesale Service Charges	\$ 3,785,590	\$ 3,549,981	\$ 2,748,513	\$ 2,652,730	\$ (95,783)
Front Footage Fees	\$ 45,000	\$ 46,000	\$ 201,824	\$ 103,811	\$ (98,013)
Integrated Connection Fees	\$ 910,000	\$ 930,000	\$ 773,947	\$ 665,848	\$ (108,099)
Sewage Disposal Fund-Customer Service	\$ 2,409,394	\$ 2,201,742	\$ 1,807,045	\$ 1,651,290	\$ (155,755)
Penalties	\$ 1,363,673	\$ 1,204,000	\$ 935,393	\$ 917,321	\$ (18,072)
Miscellaneous	\$ 1,714,375	\$ 1,583,321	\$ 1,136,595	\$ 1,278,711	\$ 142,116
Total Revenue	\$ 44,977,564	\$ 44,476,740	\$ 31,306,927	\$ 32,629,274	\$ 1,322,347
Personal Services	\$ 11,782,519	\$ 12,493,146	\$ 8,113,710	\$ 7,432,989	\$ (680,721)
Supplies	\$ 1,373,532	\$ 1,477,561	\$ 1,493,630	\$ 1,296,169	\$ (197,461)
Other Services and Charges	\$ 12,596,194	\$ 12,811,398	\$ 7,906,641	\$ 8,211,455	\$ 304,814
Capital Outlay	\$ 285,275	\$ 571,164	\$ 91,103	\$ 253,822	\$ 162,720
Appropriation Lapse	\$ (1,030,000)	\$ (1,381,000)	\$ -	\$ -	\$ -
Transfers Out	\$ 659,108	\$ 980,639	\$ 494,333	\$ 600,852	\$ 106,519
Total Expenses	\$ 25,666,628	\$ 26,952,908	\$ 18,099,416	\$ 17,795,287	\$ (304,129)
Net Income (Loss)	\$ 19,310,936	\$ 17,523,832	\$ 13,207,511	\$ 14,833,987	\$ 1,626,476

SEWAGE DISPOSAL SYSTEM			Fund:		5900
FINANCIAL REPORT					
QUARTER ENDING 03/31/17					
Description	FINAL FY16 BUDGET	ADOPTED FY17 BUDGET	Q3FYTD-FY16	Q3FYTD-FY17	FY17/FY16 VARIANCE
Retail Service Charges	\$ 47,308,593	\$ 48,025,309	\$ 31,237,868	\$ 32,065,693	\$ 827,825
Wholesale Service Charges	\$ 1,870,519	\$ 2,284,877	\$ 1,432,369	\$ 1,578,443	\$ 146,074
Sewer Surcharges	\$ 2,370,900	\$ 1,763,068	\$ 872,077	\$ 866,907	\$ (5,170)
Front Footage Fees	\$ 90,000	\$ 130,175	\$ 151,860	\$ 61,241	\$ (90,619)
Integrated Connection Fees	\$ 850,000	\$ 966,818	\$ 726,355	\$ 619,202	\$ (107,153)
Miscellaneous	\$ 1,151,855	\$ 1,113,559	\$ 896,024	\$ 384,733	\$ (511,291)
Total Revenue	\$ 53,641,867	\$ 54,283,806	\$ 35,316,553	\$ 35,576,219	\$ 259,667
Personal Services	\$ 10,267,010	\$ 10,732,967	\$ 6,709,270	\$ 6,117,162	\$ (592,108)
Supplies	\$ 1,368,676	\$ 1,467,547	\$ 1,020,532	\$ 1,215,908	\$ 195,375
Other Services and Charges	\$ 13,425,557	\$ 13,297,880	\$ 9,260,477	\$ 9,131,991	\$ (128,486)
Capital Outlay	\$ 204,759	\$ 207,953	\$ 106,307	\$ 24,143	\$ (82,164)
Appropriation Lapse	\$ (1,080,000)	\$ (1,531,000)	\$ -	\$ -	\$ -
Transfers Out	\$ 3,165,088	\$ 2,864,899	\$ 2,373,817	\$ 2,173,145	\$ (200,672)
Total Expenses	\$ 27,351,090	\$ 27,040,246	\$ 19,470,403	\$ 18,662,348	\$ (808,055)
Net Income (Loss)	\$ 26,290,777	\$ 27,243,560	\$ 15,846,150	\$ 16,913,872	\$ 1,067,722

**Grand Rapids MI
WATER OPERATIONS (5910)
STATEMENT OF OPERATIONS**

	ACTUAL 2016	ADOPTED 2017	AMENDED 2017	2017 Fiscal Year Estimate	PROPOSED 2018	FORECAST 2019	FORECAST 2020	FORECAST 2021	FORECAST 2022
Revenues									
450-Licenses & Permits	32,340	27,575	27,575	37,575	37,651	38,327	39,017	39,719	40,434
539-State Grants	550,020	0	0	0	0	0	0	0	0
600-Charges for Services	40,629,782	40,135,677	40,135,677	42,813,652	42,590,903	43,617,575	44,669,880	45,748,456	46,853,962
655-Fines & Forfeitures	1,214,582	1,204,000	1,204,000	1,274,983	1,287,733	1,300,610	1,313,616	1,326,752	1,340,020
664-Investment Income & Rentals	789,854	819,769	819,769	844,733	946,926	1,014,181	1,142,621	1,274,075	1,405,592
671-Other Revenues	-389,998	7,977	7,977	5,357	8,000	8,000	8,000	8,000	8,000
695-Other Financing Sources	-2,412,812	2,281,742	2,281,742	2,275,277	2,471,339	2,495,798	2,432,045	2,490,251	2,598,705
Water Operations Total Revenues	40,413,778	44,476,740	44,476,740	47,251,577	47,342,552	48,474,491	49,605,179	50,887,253	52,246,713
Expenditures									
701-Personal Services	10,770,651	12,493,146	12,493,146	10,738,429	11,911,612	12,516,385	12,873,991	13,170,732	13,311,968
751-Supplies	2,172,491	1,478,263	1,478,263	2,071,787	2,528,591	2,602,564	2,684,349	2,766,764	2,849,820
800-Other Services and Charges	2,245,896	12,403,188	12,403,188	12,299,629	12,178,261	12,519,822	12,946,670	13,038,094	13,477,930
970-Capital Outlays	145,893	571,164	571,164	575,823	493,767	425,485	435,220	444,971	454,371
990-Debt Service	4,183,132	4,291,384	4,291,384	4,133,423	3,816,912	4,713,277	4,431,255	5,447,346	5,286,704
995-Other Financing	7,387,608	-461,861	-461,861	978,921	1,792,616	11,309,803	11,586,209	7,030,433	6,904,333
Water Operations Total Expenditures	26,905,670	30,775,284	30,775,284	30,798,012	32,721,759	44,087,336	44,957,694	41,898,340	42,285,126
Water Operations NET INCOME (LOSS)	13,508,108	13,701,456	13,701,456	16,453,565	14,620,793	4,387,155	4,647,485	8,988,913	9,961,587
Other Sources & Uses of Cash									
Less: Payment of Debt Service Principal	(14,588,398)	(10,828,968)	(10,828,968)	(10,828,968)	(11,577,687)	(7,062,454)	(7,307,342)	(4,237,355)	(4,402,495)
Net Other Sources & Uses	(14,588,398)	(10,828,968)	(10,828,968)	(10,828,968)	(11,577,687)	(7,062,454)	(7,307,342)	(4,237,355)	(4,402,495)
Net Change in Available Cash	(1,080,290)	2,872,488	2,872,488	5,624,597	3,043,106	(2,675,299)	(2,659,857)	4,751,558	5,559,092
Unrestricted Cash - Beginning of Year	10,638,610	9,558,320	9,558,320	9,558,320	15,182,917	18,226,023	15,550,724	12,890,867	17,642,425
Unrestricted Cash - End of Year	9,558,320	12,430,808	12,430,808	15,182,917	18,226,023	15,550,724	12,890,867	17,642,425	23,201,517

**Grand Rapids MI
WATER OPERATIONS (5910)
STATEMENT OF OPERATIONS**

	ACTUAL 2016	ADOPTED 2017	AMENDED 2017	2017 Fiscal Year Estimate	PROPOSED 2018	FORECAST 2019	FORECAST 2020	FORECAST 2021	FORECAST 2022
Reserve Targets									
Assigned to Operations - 25% of Total Spending	6,726,417	7,693,821	7,693,821	7,699,503	8,180,440	11,021,834	11,239,424	10,474,585	10,571,282
Unassigned Cash	2,831,903	4,736,987	4,736,987	7,483,414	10,045,583	4,528,890	1,651,444	7,167,840	12,630,236
Total	9,558,320	12,430,808	12,430,808	15,182,917	18,226,023	15,550,724	12,890,867	17,642,425	23,201,517
Unassigned Cash as a % of Total Expenditures	10.5%	15.4%	15.4%	24.3%	30.7%	10.3%	3.7%	17.1%	29.9%
Calculation of Debt Coverage:									
Water Operations NET INCOME (LOSS)	13,508,108	13,701,456	13,701,456	16,453,565	14,620,793	4,387,155	4,647,485	8,988,913	9,961,587
Depreciation	(8,425,252)	-	-	-	-	-	-	-	-
	5,082,856	13,701,456	13,701,456	16,453,565	14,620,793	4,387,155	4,647,485	8,988,913	9,961,587
ADD:									
Depreciation	8,425,252	-	-	-	-	-	-	-	-
Interest Expense	4,183,132	4,291,384	4,291,384	4,133,423	3,816,912	4,713,277	4,431,255	5,447,346	5,286,704
Capital	-	-	-	-	2,190,000	11,904,000	12,196,000	7,652,500	7,509,350
Net Earnings	17,691,240	17,992,840	17,992,840	20,586,988	20,627,705	21,004,432	21,274,740	22,088,759	22,757,641
Senior Debt Service	12,353,594	13,575,115	13,575,115	13,575,115	13,616,469	10,003,669	9,958,019	7,901,119	7,903,419
Junior Debt Service	1,153,228	1,372,276	1,372,276	1,372,276	1,763,130	1,757,062	1,765,578	1,768,582	1,770,780
Total Annual Debt Service	13,506,822	14,947,391	14,947,391	14,947,391	15,379,599	11,760,731	11,723,597	9,669,701	9,674,199
Coverage Ratio - Senior Debt	1.43	1.33	1.33	1.52	1.51	2.10	2.14	2.80	2.88
Coverage Ratio - All Debt	1.31	1.20	1.20	1.38	1.34	1.79	1.81	2.28	2.35

Water Utility - Capital Program FY18 - FY22

Fund Level	Posted at Fund Name	Posted at Project Code	Posted at Project Name	Time Period Code				
				CAP PROPOSED	CAP FORECAST YR2	CAP FORECAST YR3	CAP FORECAST YR4	CAP FORECAST YRS
				Budget Data	Budget Data	Budget Data	Budget Data	Budget Data
		TEMP17023	2035 Godfrey Av-Oxford St to Market Av	\$	\$	\$	\$	\$
		TEMP17031	2041 - Godfrey Avenue - Liberty Street to Oxford Street	\$	\$	\$	\$	\$
		TEMP17073	2569 Eastside Combined Sewer Overflow Contract No. 28A & E	\$	\$	\$	\$	\$
		TEMP17140	1405 Berkshire St-Giddings Av to Kalamazoo Av	\$	\$ 2,643,000	\$	\$	\$
		TEMP17144	3721 Sheldon Blvd-Oakes St to Weston St	\$	\$ 1,000,000	\$	\$	\$
		TEMP17145	3725 Sheldon Blvd-Cherry St to Oakes St	\$	\$	\$	\$	\$ 224,000
		TEMP17168	5566 Emerald Av-Flat St to Leonard St	\$	\$	\$ 711,000	\$	\$ 224,000
		TEMP17189	5097-South Walker Watermain Phase 3	\$	\$	\$ 2,000,000	\$	\$
		TEMP17190	5874-Water Distribution Pump Station Electrical Upgrades	\$	\$	\$ 400,000	\$	\$ 200,000
		TEMP17191	5886-Water System Various Roof Replacements	\$	\$ 400,000	\$ 160,000	\$	\$
		TEMP17195	5911-Replacement of water Distribution Gear Valves	\$ 500,000	\$ 500,000	\$ 500,000	\$	\$ 500,000
		TEMP17198	5936-Water System Drinking Water Project Plan Update	\$	\$	\$ 100,000	\$	\$
		TEMP17215	5896-Tulip Tank	\$	\$ 250,000	\$	\$	\$
		TEMP17242	1434 Rosewood Av-CSX RR to Burton St	\$	\$ 759,000	\$	\$	\$
		TEMP17243	2361 Lake Eastbrook Blvd-E Beltline to 28th St	\$	\$	\$	\$ 700,000	\$
		TEMP17248	5227 Tremont Blvd-Covell Av to Mount Mercy Dr	\$	\$	\$ 1,056,000	\$	\$
		TEMP17253	4035-Hovey St; Watson St; Dayton St; & Park St	\$	\$ 448,000	\$	\$	\$
		TEMP17254	4559 Lake Mich Dr-Fulton St to Garfield Av	\$	\$ 309,000	\$	\$	\$
		TEMP17255	5249-Kendall St-Kalamazoo Av to Kent Ridge Dr	\$	\$ 495,000	\$	\$	\$
		TEMP17257	4028 Valley Av-4th St to Walker Av	\$	\$	\$ 804,000	\$	\$
		TEMP17259	5211 Allerton Av-Adams St to Hall St	\$	\$	\$ 324,000	\$	\$
		TEMP17260	5217 Griggs St-Plymouth Av to Hutchinson Av	\$	\$	\$ 822,000	\$	\$
		TEMP17261	5220 Lyon St-Mack Av to Fuller Av	\$	\$	\$ 144,000	\$	\$
		TEMP17262	1781 Ormena-Burton to South	\$	\$	\$	\$ 500,000	\$
		TEMP17263	3511 Fulton St-Carlton Av to Wallinwood Av	\$	\$	\$	\$ 1,210,000	\$
		TEMP17264	4262 Woodward Lane - Sunnybrook St to Fulton St	\$	\$	\$	\$ 202,500	\$
		TEMP17266	5890-Cambridge Tank Painting and Restoration	\$	\$ 500,000	\$	\$	\$
		TEMP17267	3351-LMFP Brick Facade Improvements	\$	\$	\$ 125,000	\$	\$
		TEMP17268	5902-Wilson Reservoir	\$	\$	\$ 500,000	\$	\$
		TEMP17269	5939-LMFP Design Study	\$	\$	\$ 100,000	\$	\$
		TEMP17270	5214-Sunnybrook-Fulton to Woodward	\$	\$	\$	\$ 300,000	\$
		TEMP17271	5892-Knapp Tank Painting and Restoration	\$	\$	\$	\$ 500,000	\$
		TEMP17273	5964-Booster A PS Upgrades	\$	\$	\$	\$ 500,000	\$
		TEMP17289	3349-Booster D Pump Station Replacements and VFD	\$	\$	\$ 500,000	\$	\$
		TEMP17291	1432 Garfield Av-Fulton St to BridgeSt	\$	\$	\$	\$	\$ 775,000
		TEMP17342	5263-Water Meter System Upgrade	\$	\$ 2,500,000	\$	\$	\$
		TEMP17343	3159-Water Main Lining Maint	\$ 250,000	\$ 250,000	\$	\$	\$
		TEMP17344	3460-Efficiency & Sustain Projs	\$ 200,000	\$ 200,000	\$ 200,000	\$	\$ 250,000
		TEMP17345	1375-Watermain Oversizing	\$ 50,000	\$ 50,000	\$ 50,000	\$	\$ 50,000
		TEMP17349	6779-PRV Replacements	\$ 100,000	\$ 100,000	\$ 100,000	\$	\$ 100,000
		TEMP17350	6808-Private Lead Service Replacement	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$	\$ 1,000,000
		TEMP17351	6828-Property Acquisition	\$	\$ 500,000	\$	\$	\$
		TEMP18001	4448-Valley - Fulton to Butterworth	\$	\$	\$	\$	\$
		TEMP18003	2537 - Lafayette Avenue - Fulton to Fountain	\$	\$	\$ 2,000,000	\$	\$
		TEMP18020	4349-Mason - Monroe to Division	\$	\$	\$ 600,000	\$	\$
		TEMP18029	4007-LMFP - South Clearwell	\$	\$	\$	\$	\$
		TEMP18036	6799-Wilson PS & Yard Piping Improvements	\$	\$	\$	\$ 1,300,000	\$
		TEMP18041	4308 - Clancy Ave	\$	\$	\$	\$	\$ 154,500
		TEMP18042	4025-Lakeside- Fulton to Michigan	\$	\$	\$	\$	\$ 780,000
		TEMP18043	4172-Freeman to Hall	\$	\$	\$	\$	\$ 413,100
		TEMP18045	4323-Trowbridge St - Prospect Ave	\$	\$	\$	\$	\$ 98,250

5911 Water Replacement

**Grand Rapids MI
SEWAGE DISPOSAL OPERATIONS (5900)
STATEMENT OF OPERATIONS**

	ACTUAL 2016	ADOPTED 2017	AMENDED 2017	2017 Fiscal Year Estimate	PROPOSED 2018	FORECAST 2019	FORECAST 2020	FORECAST 2021	FORECAST 2022
Revenues									
450-Licenses & Permits	51,197	51,702	51,702	51,197	51,709	52,226	52,748	53,276	53,809
501-Federal Grants	407,614	0	0	0	0	0	0	0	0
539-State Grants	93,335	0	0	0	0	0	0	0	0
600-Charges for Services	53,139,563	53,286,435	53,286,435	53,730,649	54,874,982	55,962,584	57,071,360	58,201,726	59,354,113
664-Investment Income & Rentals	398,387	296,554	296,554	496,554	474,460	558,555	727,059	899,638	1,072,216
671-Other Revenues	-479,790	649,115	649,115	670,775	552,713	577,767	602,822	627,879	677,936
695-Other Financing Sources	8,138,016	0	0	0	0	0	0	0	0
Sewer Disposal Operations Total Revenues	61,748,321	54,283,806	54,283,806	54,949,175	55,953,864	57,151,132	58,453,989	59,782,519	61,158,074
Expenditures									
701-Personal Services	9,221,482	10,732,967	10,732,967	10,129,301	10,653,892	11,250,461	11,538,305	11,789,338	11,915,778
751-Supplies	1,655,358	1,469,309	1,469,309	1,211,854	1,450,943	1,501,170	1,520,529	1,549,443	1,549,443
800-Other Services and Charges	15,011,557	13,365,148	13,365,148	12,563,151	12,526,812	11,869,265	11,015,244	11,126,463	11,258,957
970-Capital Outlays	115,754	207,953	207,953	159,465	211,257	214,673	218,205	223,832	223,832
990-Debt Service	8,922,685	11,662,587	11,662,587	11,638,353	12,234,877	13,082,329	12,653,645	12,231,441	11,776,559
995-Other Financing	7,074,143	11,167,009	11,167,009	12,691,544	9,369,989	19,244,717	14,368,752	14,237,502	13,486,261
Sewer Disposal Operations Total Expenditures	42,000,979	48,604,973	48,604,973	48,393,668	46,447,770	57,162,615	51,314,680	51,158,019	50,210,830
Sewer Disposal Operations NET INCOME (LOSS)	19,747,342	5,678,833	5,678,833	6,555,507	9,506,094	-11,483	7,139,309	8,624,500	10,947,244
Other Sources & Uses of Cash									
Less: Payment of Debt Service Principal	(3,485,971)	(7,813,000)	(7,813,000)	(7,813,000)	(7,942,000)	(8,613,500)	(8,999,500)	(9,406,000)	(11,245,000)
Net Other Sources & Uses	(3,485,971)	(7,813,000)	(7,813,000)	(7,813,000)	(7,942,000)	(8,613,500)	(8,999,500)	(9,406,000)	(11,245,000)
Net Change in Available Cash	16,261,371	(2,134,167)	(2,134,167)	(1,257,493)	1,564,094	(8,624,983)	(1,860,191)	(781,500)	(297,756)
Unrestricted Cash - Beginning of Year	20,948,813	37,210,184	37,210,184	37,210,184	35,952,691	37,516,785	28,891,802	27,031,611	26,250,111
Unrestricted Cash - End of Year	37,210,184	35,076,017	35,076,017	35,952,691	37,516,785	28,891,802	27,031,611	26,250,111	25,952,355

Grand Rapids MI
SEWAGE DISPOSAL OPERATIONS (\$900)
STATEMENT OF OPERATIONS

	ACTUAL 2016	ADOPTED 2017	AMENDED 2017	2017 Fiscal Year Estimate	PROPOSED 2018	FORECAST 2019	FORECAST 2020	FORECAST 2021	FORECAST 2022
Reserve Targets									
Assigned to Operations - 25% of Total Spending	10,500,245	12,151,243	12,151,243	12,098,417	11,611,943	14,290,654	12,828,670	12,789,505	12,552,708
Unassigned Cash	26,709,939	22,924,774	22,924,774	23,854,274	25,904,843	14,601,148	14,202,941	13,460,606	13,399,648
Total	37,210,184	35,076,017	35,076,017	35,952,691	37,516,785	28,891,802	27,031,611	26,250,111	25,952,355
Unassigned Cash as a % of Total Expenditures	63.6%	47.2%	47.2%	49.3%	55.8%	25.5%	27.7%	26.3%	26.7%
Calculation of Debt Coverage									
Sewer Disposal Operations NET INCOME (LOSS)	19,747,342	5,678,833	5,678,833	6,555,507	9,506,094	(11,483)	7,139,309	8,624,500	10,947,244
Depreciation	(14,440,267)	-	-	-	-	-	-	-	-
	<u>5,307,075</u>	<u>5,678,833</u>	<u>5,678,833</u>	<u>6,555,507</u>	<u>9,506,094</u>	<u>(11,483)</u>	<u>7,139,309</u>	<u>8,624,500</u>	<u>10,947,244</u>
ADD:									
Depreciation	14,440,267								
Interest Expense	8,922,685	11,662,587	11,662,587	11,638,353	12,234,877	13,082,329	12,653,645	12,231,441	11,776,559
Capital	4,387,000	9,902,140	9,902,140	9,902,140	7,599,900	17,508,500	12,647,500	12,467,000	11,613,000
LESS:									
Bond Sale Transaction Adjustment	(3,627,283)	-	-	-	-	-	-	-	-
Net Earnings	<u>29,429,744</u>	<u>27,243,560</u>	<u>27,243,560</u>	<u>28,096,000</u>	<u>29,340,871</u>	<u>30,579,346</u>	<u>32,440,454</u>	<u>33,322,941</u>	<u>34,336,803</u>
Senior Debt Service	19,183,039	18,470,521	18,470,521	18,470,521	19,409,720	21,001,995	20,985,570	20,943,670	22,356,820
Junior Debt Service	1,111,688	950,832	950,832	950,832	767,157	663,834	664,575	663,771	634,739
Annual Debt Service	<u>20,294,727</u>	<u>19,421,353</u>	<u>19,421,353</u>	<u>19,421,353</u>	<u>20,176,877</u>	<u>21,665,829</u>	<u>21,650,145</u>	<u>21,607,441</u>	<u>22,991,559</u>
Coverage Ratio - Senior Debt	1.53	1.47	1.47	1.52	1.51	1.46	1.55	1.59	1.54
Coverage Ratio - All Debt	1.45	1.40	1.40	1.45	1.45	1.41	1.50	1.54	1.49

EPSD - Capital Program FY18 - FY22

		Time Period Code						
Fund Level 5	Posted at Fund Name	Posted at Project Code	Posted at Project Name	CAP PROPOSED Budget Data	CAP FORECAST YR2 Budget Data	CAP FORECAST YR3 Budget Data	CAP FORECAST YR4 Budget Data	CAP FORECAST YR5 Budget Data
		590115197	Long Term Wet Weather Control	\$	\$	\$	\$ 3,500,000	\$
		590515225	Var Loc CIPP Rehab of S/S	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
		TEMP17004	5846 - WRRF South Raw Activated Sludge (RAS) Pump Replacem	\$ 400,000	\$	\$	\$	\$
		TEMP17005	5848 - WRRF North Raw Activated Sludge (RAS) Pump Replacem	\$	\$ 500,000	\$	\$	\$
		TEMP17006	5850 - WRRF Grit Removal System Upgrade	\$	\$	\$ 1,000,000	\$	\$
		TEMP17017	1398 - Flow meters at zone gated lift stations to better det	\$	\$ 85,000	\$ 500,000	\$	\$
		TEMP17023	2035 Godfrey Av-Oxford St to Market Av	\$	\$	\$ 5,200,000	\$ 2,000,000	\$
		TEMP17031	2041 - Godfrey Avenue - Liberty Street to Oxford Street	\$	\$	\$ 200,000	\$ 2,340,000	\$
		TEMP17040	2513 - Brandywine Sanitary Trunk Sewer	\$	\$ 100,000	\$ 2,500,000	\$	\$
		TEMP17044	2516 - Whiskey Creek Sanitary Trunk	\$	\$	\$ 200,000	\$ 3,700,000	\$
		TEMP17073	2569 Eastside Combined Sewer Overflow Contract No. 28A & B	\$	\$ 3,363,000	\$	\$	\$
		TEMP17079	5884 - Godfrey Ave SW - Grand River to Market Ave SW	\$	\$ 3,383,000	\$	\$	\$
		TEMP17140	1405 Berkshire St-Giddings Av to Kalamazoo Av	\$	\$ 225,000	\$	\$	\$
		TEMP17141	5263 - Water System - Meter System Upgrades	\$ 2,500,000	\$	\$	\$	\$
		TEMP17143	3533 Division Av-Wealthy St to Cherry St	\$	\$ 331,500	\$	\$	\$
		TEMP17144	3721 Sheldon Blvd-Oakes St to Weston St	\$ 396,000	\$	\$	\$	\$
		TEMP17145	3725 Sheldon Blvd-Cherry St to Oakes St	\$ 396,000	\$	\$	\$	\$
		TEMP17151	4511 Ottawa Av-Fulton St to Michigan St	\$	\$ 81,000	\$	\$	\$
		TEMP17152	4815 Union Av-Alexander St to Worden St	\$	\$	\$	\$	\$
		TEMP17153	5316 Dunham St-Eastern Av to Neland Av	\$ 108,000	\$	\$	\$	\$
		TEMP17154	5347 Olympia St-W Dead End to 200' E of W Dead End	\$ 121,500	\$	\$	\$	\$
		TEMP17155	5537 Worden St-Madison Av to Eastern Av	\$	\$ 229,500	\$	\$	\$
		TEMP17156	5603 Thomas St-Madison Av to Fuller Av	\$	\$ 540,000	\$	\$	\$
5902	Sewer Improvement	TEMP17157	5856 Norwich Av-Oxford St to Hayden St	\$	\$	\$ 243,000	\$	\$
		TEMP17158	5859 Tulip St-W End to Grandville Av	\$ 27,000	\$	\$	\$ 27,000	\$
		TEMP17159	5862 Sheridan Av-Beacon St to B St	\$ 86,400	\$	\$	\$	\$
		TEMP17185	5818 - WRRF Laboratory and Administration Building Upgrades	\$ 8,000,000	\$ 8,000,000	\$	\$	\$
		TEMP17186	5821 - WRRF On-site Stormwater Pump Station	\$ 1,500,000	\$	\$	\$	\$
		TEMP17291	1432 Garfield Av-Fulton St to BridgeSt	\$	\$	\$	\$	\$ 100,000
		TEMP17353	6648-State - Lafayette to Madison	\$ 60,000	\$	\$	\$	\$
		TEMP18002	2522 - Cascade/Kentwood Sanitary Trunk Sewer	\$	\$	\$	\$	\$ 300,000
		TEMP18003	2537 - Lafayette Avenue - Fulton to Fountain	\$	\$	\$	\$	\$ 200,000
		TEMP18004	4750 - Ottawa Avenue - Fairbanks to Monroe	\$	\$	\$	\$	\$ 1,100,000
		TEMP18005	5539 - Prince Street - Madison to Eastern	\$	\$	\$	\$	\$ 513,000
		TEMP18006	5833 - WRRF Misc Capital Investment	\$	\$	\$	\$	\$ 500,000
		TEMP18009	6733 - Sewer Lateral Lining	\$ 150,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
		TEMP18010	6852 - HVAC for grit building roof	\$ 35,000	\$	\$	\$	\$
		TEMP18011	6854 - Roofing replacement at MAPS	\$ 50,000	\$	\$	\$	\$
		TEMP18012	6856 - A.C. Foremain Replacement - Kingsbury Lift Stat	\$ 150,000	\$	\$	\$	\$
		TEMP18013	6858 - Replace roofing at WRRF	\$ 35,000	\$	\$	\$	\$
		TEMP18014	6860 - A.C. Foremain Replacement - Orchard Vista Lift Stati	\$ 350,000	\$	\$	\$	\$
		TEMP18015	6862 - A.C. Foremain Replacement at Eastern Avenue Lift Sta	\$	\$	\$ 1,000,000	\$	\$
		TEMP18016	6864 - A.C. Foremain replacement - Lincoln School Lift Stat	\$	\$	\$ 675,000	\$	\$
		TEMP18054	6876 - Arena South Sewer Extension	\$ 320,000	\$	\$	\$	\$
		TEMP18055	6878 - Eaglecrest Lift Station Foremain Replacement	\$ 65,000	\$	\$	\$	\$
		TEMP18090	6908 - SSO Control Project	\$	\$	\$	\$	\$ 8,000,000
		5902 Total		\$ 15,199,800	\$ 35,017,000	\$ 25,295,000	\$ 21,434,000	\$ 23,226,000
5907	2017 Revenue	TEMP18007	6729 - Concentrated Waste and CoDigestion	\$ 21,000,000	\$	\$	\$	\$
	Bonds	TEMP18008	6731 - Phosphorus Recovery at WRRF	\$ 5,500,000	\$	\$	\$	\$
		5907 Total		\$ 32,000,000	\$	\$	\$	\$

MEMORANDUM

CITY OF GRAND RAPIDS

DATE: April 20, 2017

TO: Utility Advisory Board

FROM: Utility Finance Office

SUBJECT: Updated USD Maps

Per the announcement during the UAB meeting on March 16, 2017, the Utility Finance Office is re-designing and updating the UAB public website at the City of Grand Rapids to ensure the information provided is current and user friendly. One key component to this update is obtaining accurate USD maps that reflect the USD square footage for Water and Sewer customer communities stated in the annual Water/Sewer Rate Study.

Email correspondence was sent on March 17, 2017 requesting an updated map for communities that currently don't have one on file with the City. Thank you all for the prompt response in getting accurate maps to us. At this time, we still require an updated map from **Kentwood, Ada Township, and Grand Rapids Township.**

USD maps by customer community can be found under the Maps section here: http://grcity.us/enterprise-services/Water-System/Pages/UAB_Documents.aspx. Please note, changes in USD size for Rate Study 2017 must be approved prior to **June 30, 2017**. Please contact Jenessa Carter at (616) 456-4393 or jbcarter@grand-rapids.mi.us if you have any questions.

Thank you for your consideration,

JBC/MJE

**Area Community Services Employment Training Council (ACSET)
Water/Sewer Assistance - ICBAP
Contract Years 2017 & 2016
First Calendar Quarter - January 1 thru March 31**

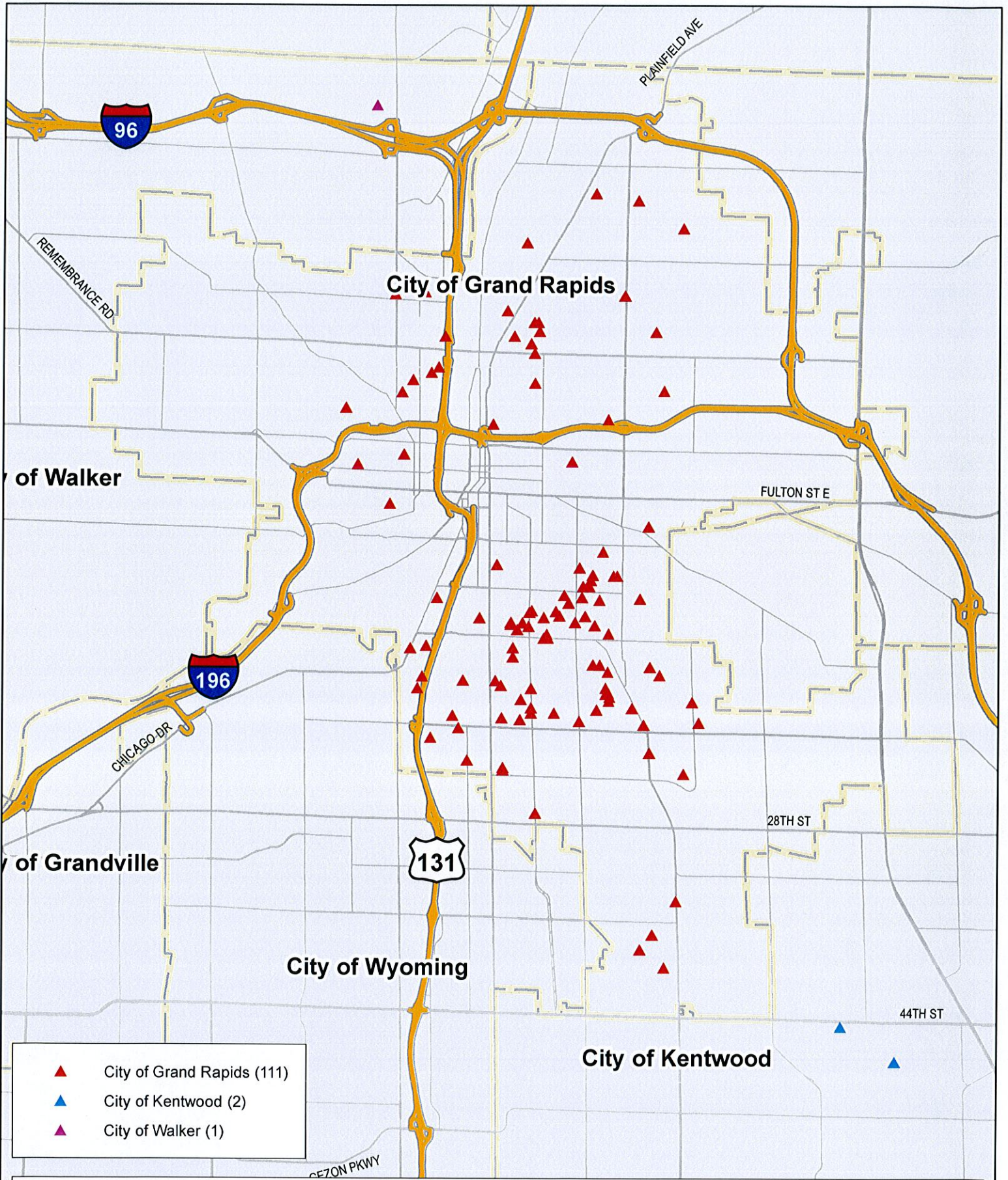
	2017		2016	
	Q1	YTD	Q1	YTD
City of Grand Rapids				
ICBAP Authorized	\$ 151,824.00	\$ 151,824.00	\$ 156,969.00	\$ 156,969.00
Draw Disbursement(s)	(140,914.00)	(140,914.00)	(78,484.50)	(78,484.50)
Available ICBAP Balance	<u>\$ 10,910.00</u>	<u>\$ 10,910.00</u>	<u>\$ 78,484.50</u>	<u>\$ 78,484.50</u>
*Non Operating Funds aren't included in the numbers= \$80K				
ACSET				
ICBAP Authorized	\$ 151,824.00	\$ 151,824.00	\$ 156,969.00	\$ 156,969.00
Draw Receipt(s)	(140,914.00)	(140,914.00)	(78,484.50)	(78,484.50)
Available ICBAP Balance	<u>\$ 10,910.00</u>	<u>\$ 10,910.00</u>	<u>\$ 78,484.50</u>	<u>\$ 78,484.50</u>
Total Assistance Award(s)	<u>\$ 37,275.68</u>	<u>\$ 37,275.68</u>	<u>\$ 30,376.47</u>	<u>\$ 30,376.47</u>
Total Administrative Fee(s)	14,091.40	14,091.40	7,848.45	7,848.45
Total ICBAP Used	<u>\$ 51,367.08</u>	<u>\$ 51,367.08</u>	<u>\$ 38,224.92</u>	<u>\$ 38,224.92</u>
ICBAP Authorized	\$ 151,824.00	\$ 151,824.00	\$ 156,969.00	\$ 156,969.00
Total ICBAP Used	(51,367.08)	(51,367.08)	(38,224.92)	(38,224.92)
Remaining ICBAP Balance	<u>\$ 100,456.92</u>	<u>\$ 100,456.92</u>	<u>\$ 118,744.08</u>	<u>\$ 118,744.08</u>

Demographic Summary

Household(s) Served	114	114	107	107
Person(s) Served	346	346	308	308
Average Household Size	3.04	3.04	2.88	2.88
Single Head of Family Served	49	49	38	38
Average Assistance Amount	\$326.98	\$326.98	\$283.89	\$283.89
Failed Screening Process	4	4	7	7
Denied After Completed Process	0	0	0	0
Repeat Household(s) Served	55	55	28	28

Jurisdiction Summary

Grand Rapids	111	111	101	101
Cascade Township	0	0	0	0
Grand Rapids Township	0	0	0	0
Kentwood	2	2	4	4
Tallmadge Township	0	0	0	0
Walker	1	1	1	1
Wright Township	0	0	0	0



2017 - Quarter 1 - ACSET/ICBAP Clients

Updated 04/10/2017



06111 ST

MEMORANDUM

CITY OF GRAND RAPIDS

DATE: April 20, 2017

TO: Utility Advisory Board (UAB), Members

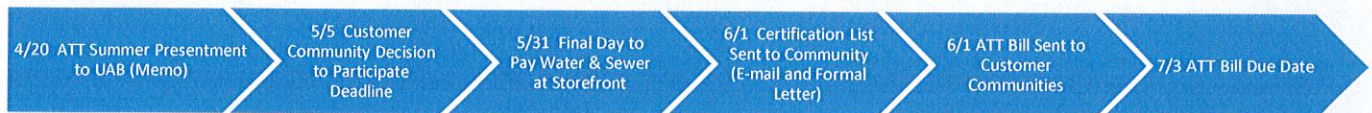
FROM: LaToya Black, Administrative Services Officer/ Samarhia Giffel, Business Manager

SUBJECT: Add-to-Tax (ATT) Summer Tax Option

Section 13 of the retail water and sanitary sewer service agreement provides for the collection of delinquent water or sanitary sewer accounts. Per the agreement, the City of Grand Rapids is allowed to certify and assign any account that is delinquent for a period of at least ninety (90) days. For the 2017 Summer Tax Roll, the City desires to certify and assign to each respective customer community all eligible accounts that have been reviewed and processed for collection. The City of Grand Rapids respectfully requests the voluntary agreement of each retail customer community for the use of the annual (summer) add-to-tax collection cycle to collect significantly delinquent (currently defined as 203 days or more) water and/or sanitary sewer charges.

The customers are able to pay the ATT amounts, through close of storefront business on May 31, 2017. On Thursday, June 1, 2017, the debt will be transferred to the customer community account and the official certification list will be sent along with a bill for the community ATT debt. UAB retail partners are reminded to review Michigan's water/sewer charges immediate lien provisions and how to best communicate outstanding delinquent utility balances, during the period of time between City of Grand Rapids certification to the community and the community's assignment to the tax roll.

The ATT summer tax timeline for 2017 and a data table of eligibility and collections are presented hereafter.



1. 4/20 2017 ATT Summer Presentment to UAB (Memo)
2. 5/5 Customer Community Decision to Participate Deadline
3. 5/31 Final Day to Pay Water & Sewer at Storefront – Customer Community
4. 6/1 Certification List Sent to Customer Community (E-mail and Formal Letter)
5. 6/1 ATT Bill Sent to Customer Communities
6. 7/3 ATT Bill Due Date

2017 ATT SUMMER PRELIMINARY ELIGIBLE ACCOUNTS (As of 3/29/17)

Customer Community	Accounts Eligible	ATT Amount
Cascade	6	\$855.13
G.R. Township	18	\$3,524.57
Kentwood	24	\$3,564.39
Tallmadge	4	\$1,218.31
Wright	3	\$4,758.15
Walker	20	\$6,815.88

At this time, the City of Grand Rapids is allowing its retail partners *optional* certification/assignment to the 2017 Summer Tax Roll. Please consider the summer add-to-tax collection cycle and advise of your community's respective voluntary agreement to add delinquent water/sewer utilities balance to its summer tax rolls in writing to lblack@grcity.us and sgiffel@grcity.us, by no later than May 5, 2017. I can also be reached at (616) 456- 3267, if you have additional questions.

LaToya Black
Administrative Services Officer
Utility Business Office- Water
Ph: 616.456.3267 Email: lblack@grcity.us



CITY OF GRAND RAPIDS AGENDA ACTION REQUEST

DATE: April 11, 2017

TO: Gregory A. Sundstrom, City Manager

COMMITTEE: Fiscal Committee
LIAISON: Scott Buhner, Chief Financial Officer

FROM: Joellen Thompson, Water Systems Manager
Water System

SUBJECT: **Resolution authorizing for Memorandum of Understanding Agreements securing use of fiber for secure communications from the City Data Center to the Lake Michigan Filtration Plant**

Attached is a resolution authorizing execution of Memorandum of Understanding agreements between the City of Grand Rapids and Grand Valley State University, Grand Haven Public Schools, and Ottawa Area Intermediate School District securing use of fiber for secure communications from the City Data Center to the Lake Michigan Filtration Plant.

There is a need for secure redundant communications from the Grand Rapids Data Center, the water distribution pump stations and tanks in Grand Rapids, and the Lake Michigan Water Filtration Plant. Water System Staff worked with Geotech Inc. to identify available fiber to achieve the desired redundant communication. We have successfully developed partnerships with Grand Valley State University, Ottawa Area Intermediate School District, and Grand Haven Public Schools for use of a portion of their existing fiber. The completed link between the City of Grand Rapids and the Lake Michigan Filtration Plant will be over 63 miles of fiber. If the City were to build a fiber path to accomplish this it would cost at least \$1.5 million.

All three systems agree to maintain the fiber cables and arrange for repairs. The cost breakdown is as follows:

- **GVSU**
 - \$0 - One-time fee for 15 miles – *included with annual maintenance*
 - \$6,000 - Annual maintenance fee, includes one-time fee above.
 - 5 year term with additional 1-year terms which will automatically renew unless notified 1 year in advance. City can terminate with 90 days' notice.
 - This fiber link is approximately 15 miles.

- **Grand Haven**
 - \$7,392 - One-time fee (\$0.02 per foot per strand for two strands for 0.5 miles
 - \$100 annual maintenance fee & City pays share of emergency repairs.
 - 10 year term with an additional two five year terms.
 - This fiber link is approximately 0.5 miles

- **Ottawa Area ISD**
 - \$30,000- One-time cost associated with the Dense Wave Division Multiplex (DWDM) equipment
 - \$2,070 Annual maintenance fee (\$50 per mile).
 - 15 years/ life of the fiber Extensions beyond that period can be negotiated. Any party may terminate with 90 days' notice.
 - This fiber link is approximately 41.4 miles

The first year costs of the Memorandum of Understanding agreements in aggregate shall not exceed \$50,000. This reflects the \$37,392 one-time costs, the \$8,170 annual maintenance costs, as well as \$4,438 for contingencies.

The final link will be approximately 3.5 miles of fiber from Grand Haven High School to the Lake Michigan Filtration Plant. The cost of this build is estimated at \$100,000 and is being designed currently. Construction of this "last mile" segment will return to City Commission at a later date for approval.

MEMORANDUM

CITY OF GRAND RAPIDS

DATE: April 13, 2017

TO: UAB Members

FROM: Tom Almonte, Managing Director
Mike Lunn, Environmental Services Manager
Chuck Schroeder, Assistant Environmental Services Manager

SUBJECT: National Association of Clean Water Agencies (NACWA): Water week fly-in Conference – Washington D.C.

On March 21-22, 2017, representatives from the City of Grand Rapids (Mike Lunn, Chuck Schroeder, and Tom Almonte) attended the National Water Policy Fly-In Conference. We experienced firsthand the level of respect and credibility the City of Grand Rapids has among the very best in our nation within this industry. We were amazed to learn that our Combined Sewer Overflow Elimination Project (CSO) which began in 1989 is a model that many cities are now considering as part of their progressive initiatives.

During the conference, we heard and connected with key members from EPA, other cities, etc. We connected with Peter Grevatt, Director of the Office of Ground Water & Drinking Water for EPA. He is the person responsible for the revisions to the Lead and Copper Rule (LCR). We also discussed the work the City of Grand Rapids is doing as it relates to the Partial Lead Replacement Program and highlighted some of the challenges identified as part of our LEAN A3 process.

During our Congressional Office Visits, we met with Representative Amash and Senators Stabenow and Peters. Topics discussed included:

Tax Exempt Municipal Bonds and The Clean Water State Revolving Fund (SRF)

We talked about the CSO project as an example of using both of these tools and emphasized the need to maintain these tools. Aaron Suntag, Senior Policy Advisor for Senator Stabenow requested more information about this project so his office can use it as part of making their case. Also, Bentley Johnson, Legislative Assistant for Senator Peters asked for similar information. Additional information has been shared with these individuals.

Elimination of Great Lakes Restoration Initiative

We discussed our investment in CSO and the new project to return the rapids to the Grand River. We emphasized how this proposal will have a significant negative affect to our City and the region.

Lead in Michigan (Partial Lead Replacement and the move to Full Lead Replacement)

Discussed making funding available to communities. We used Grand Rapids as an example of the financial magnitude of moving away from partial to full lead replacement. We shared that Grand Rapids has 19,473 lead service locations at an estimated cost of \$3,000 for the private side would cost over \$58 million to our community. We also stressed the fact that most of these homes are in low income areas of our city and the concern with affordability.

Proposed Elimination of CDBG and HOME

We highlighted how this would have a significant negative effect in our community. Both Aaron and Bentley as well as Kelly Miller, Legislative Assistant for Representative Amash requested more information related to our community. Attached is a sample letter shared with their office.

Infrastructure Investment

We shared our support of the \$1 trillion being proposed in the "skinny budget" as it is being referred to in Washington. Asked that as part of the proposed budget investments to replace our aging water and sewer infrastructure is included.

NPDES Permit Monitoring Frequencies and EPA Method Update Rule

We discussed the need for EPA to begin implementing the interim guidance through the regular NPDES permit issuance process where EPA has permit authority. The interim guidance was issued in 1996 designed to reduce monitoring frequencies. And to work with the NPDES within each state to adopt this policy.

As it relates to the Method Update Rule, we touched on the topic of EPA encouraging communities to use technology (sensors) to monitor and gather data, however, the outdated reporting requirements from EPA prevents community from reporting the data collected from these sensors to meet the reporting requirements. Both Aaron and Bentley asked for additional information and it has been provided.

We encourage continued participation and engagement with NACWA.



City of Grand Rapids, Michigan

OFFICE OF THE MAYOR

ROSALYNN C. BLISS
MAYOR

March 17, 2017

Representative Justin Amash
114 Cannon HOB
Washington, DC 20515

Dear Representative Amash:

On behalf of the citizens of Grand Rapids, I urge you to continue to invest in housing and neighborhoods. The proposed elimination of the Community Development Block Grants (CDBG) and significant cuts to HOME Investment Partnerships (HOME) program would have a severe and harmful impact on communities across the nation and in Grand Rapids. These programs primarily benefit low-and moderate-income families by supporting economic opportunity, housing stability and vital neighborhood infrastructure.

In Grand Rapids, we would lose more than \$3.5 million from a CDBG budget that has been significantly reduced over several years. We also would lose roughly \$1 million of HOME funds at a time when the need for affordable housing has never been more acute in our city. These cuts would have a direct impact on our ability to:

- Improve housing conditions and reduce blight
- Increase the supply of affordable housing
- Increase civic engagement and public safety
- Improve infrastructure and public facilities
- Increase economic opportunities

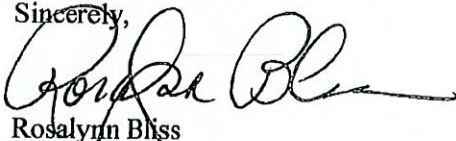
These and other federal programs are critical to the quality of life in our city. During the past five years, for example, the City achieved the following outcomes with federal resources:

- 123 homeowner housing units and 277 rental units were created
- 3,126 homes were repaired or rehabilitated
- 158 families purchased their first home with down payment and closing cost assistance
- 979 people received short-term rental assistance to stabilize housing
- 8,091 residents were trained on personal safety, with 876 significant neighborhood public safety issues resolved
- 4,682 residents were trained on neighborhood leadership, with more than 25,000 people actively engaged in activities that improved neighborhood conditions
- 13 neighborhood associations served more than 78,000 residents

Growing racial and economic disparities are evident in Grand Rapids and cities across the country. The proposed budget cuts would further limit our ability to invest in projects and services that close these gaps. We urge you to sustain investments in the CDBG and HOME programs.

I am happy to have further discussion with you about the significance of these programs and their impact on communities. Please contact me at 616.456.3168.

Sincerely,



Rosalynn Bliss

cc: Greg Sundstrom, City Manager
City Commissioners

LEGEND

⊕ MTC SOIL BORING LOCATION, TYP.

⊕ MTC INSTALLED SETTLEMENT MONITORING POINT, TYP.

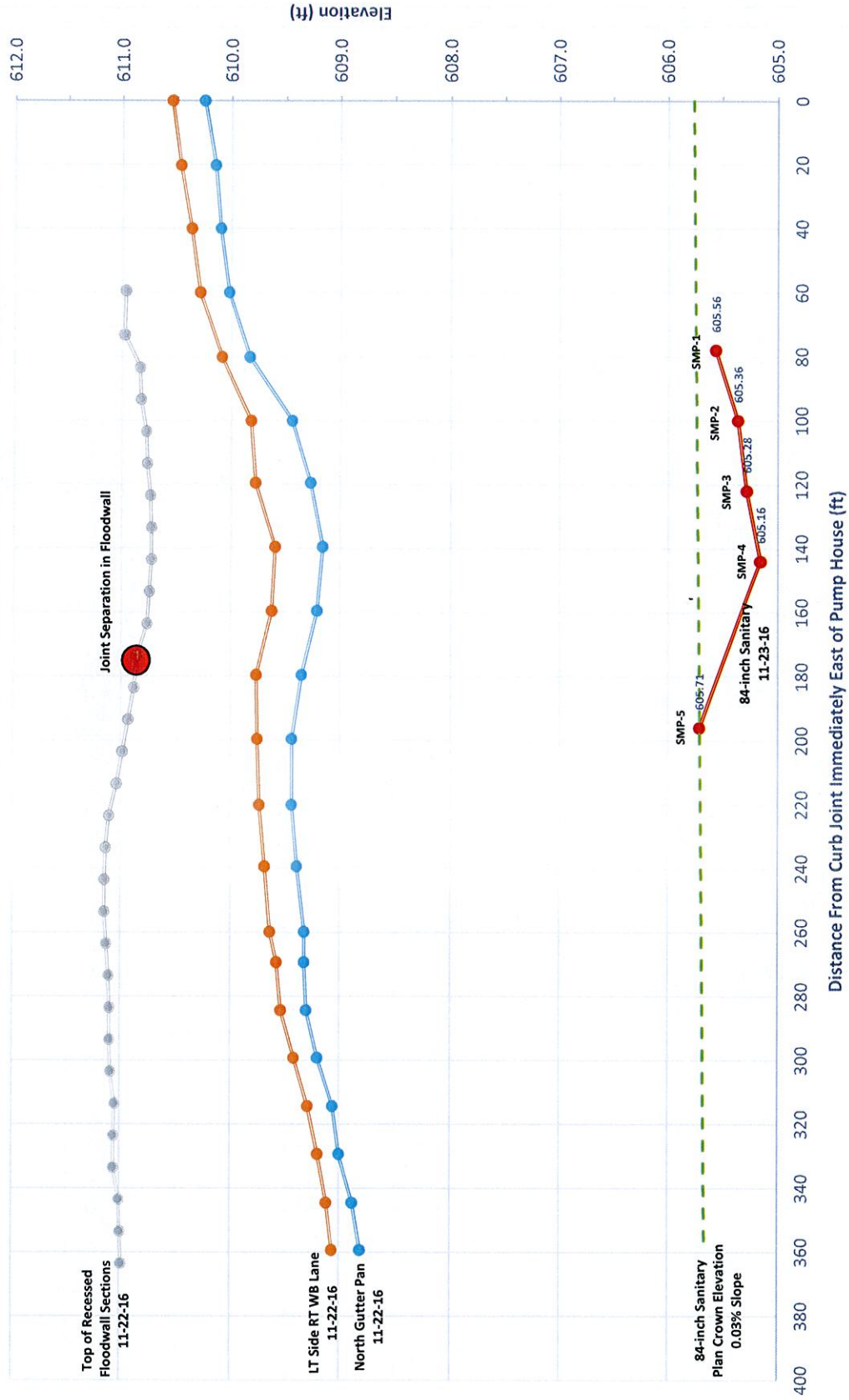


TITLE: SOIL BORING AND SETTLEMENT MONITORING POINT LOCATION PLAN		PROJECT: SUBSURFACE STABILIZATION AT 943 MARKET AVENUE	
SCALE: NO SCALE	DATE: 4-17-2017	PROJ. NO.: 151630.4	REV. BY: SE
FIG. NO: 1	DR. BY: TM		

Materials Testing Consultants, INC.

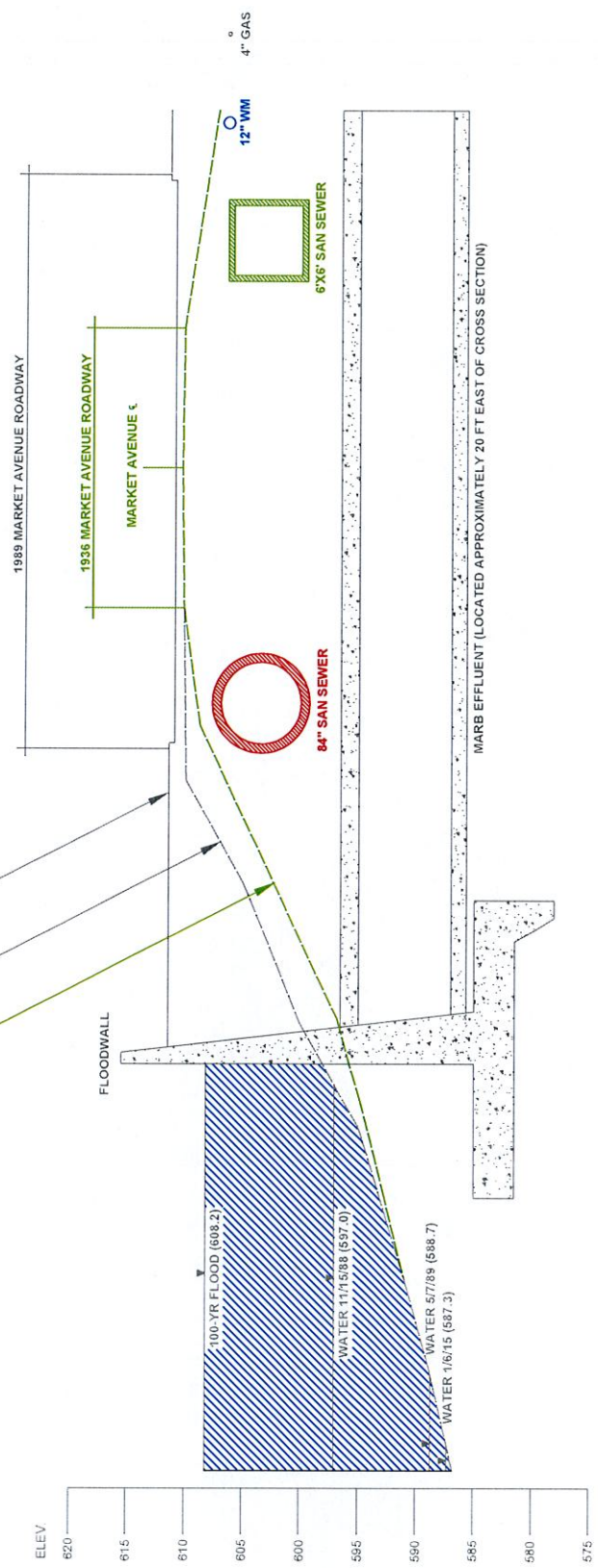
Depression in Market Avenue - Settlement Data

Benchmark = Fire Hydrant South of Market Avenue Immediately NW of MARB (el = 611.54)



LEGEND

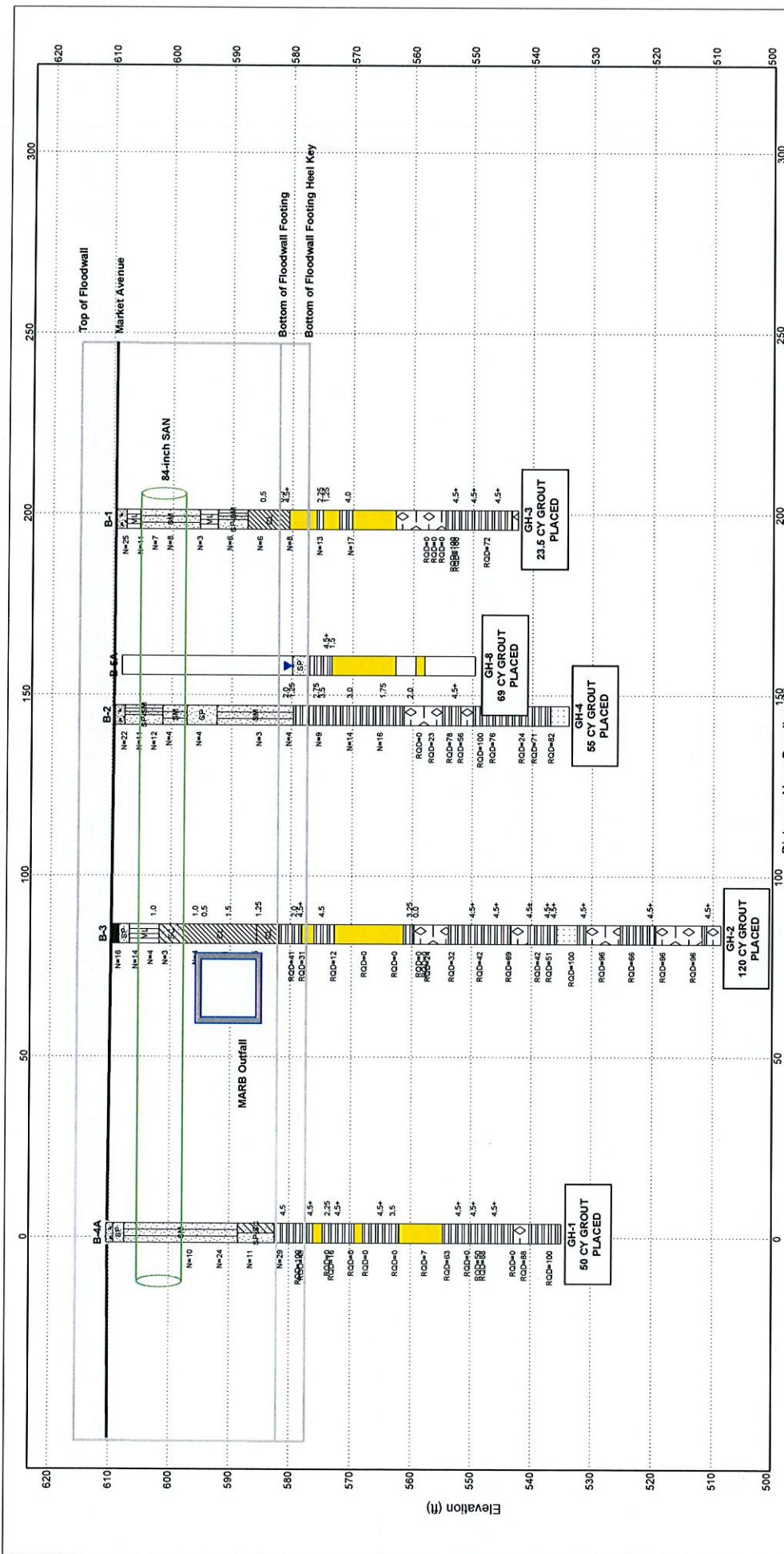
- 1936 DRAWING
- 1953 DRAWING
- 1970 DRAWING
- 1989 DRAWING



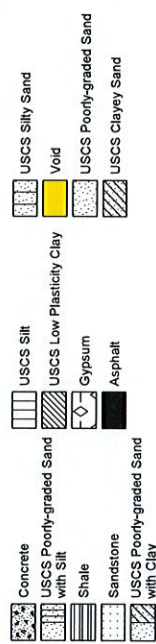
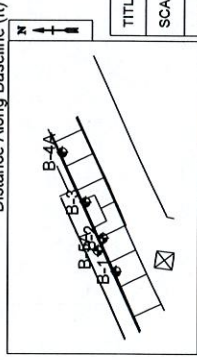
NOTES:

1. DOCK LINE AND MARKET AVENUE PUMPING STATION UTILIZED AS REFERENCES BETWEEN DRAWINGS
2. PRESSURE SYPHON LOCATED 250' WEST OF CROSS SECTION BASED ON 1915 DRAWINGS
3. 6"x6" SAN SEWER SHOWN IN 1936 DRAWINGS AS EXISTING
4. 12" WM PLACED IN 1953
5. 84" SAN PLACED IN 1970
6. MARKET AVENUE WIDENED, FLOODWALL AND MARB EFFLUENT CONSTRUCTED AND ADDITIONAL FILL PLACED IN 1989

TITLE: MARKET AVENUE CROSS SECTION		PROJECT: DEPRESSION IN MARKET AVENUE	
SCALE: 1" = 10'	DATE: 3-16-2017	PROJECT NO.: 151630.1	
FIG. NO.: 2	DR. BY: TM	REV. BY: SE	
Materials Testing Consultants, INC.			




NOTES:
 1. SUBSURFACE CONDITIONS ARE GENERALIZED. REFER TO BORING LOGS FOR SPECIFIC DESCRIPTIONS.
 2. CONDITIONS BETWEEN BORINGS AND GROUNDWATER ELEVATIONS BETWEEN BORINGS MAY VARY.



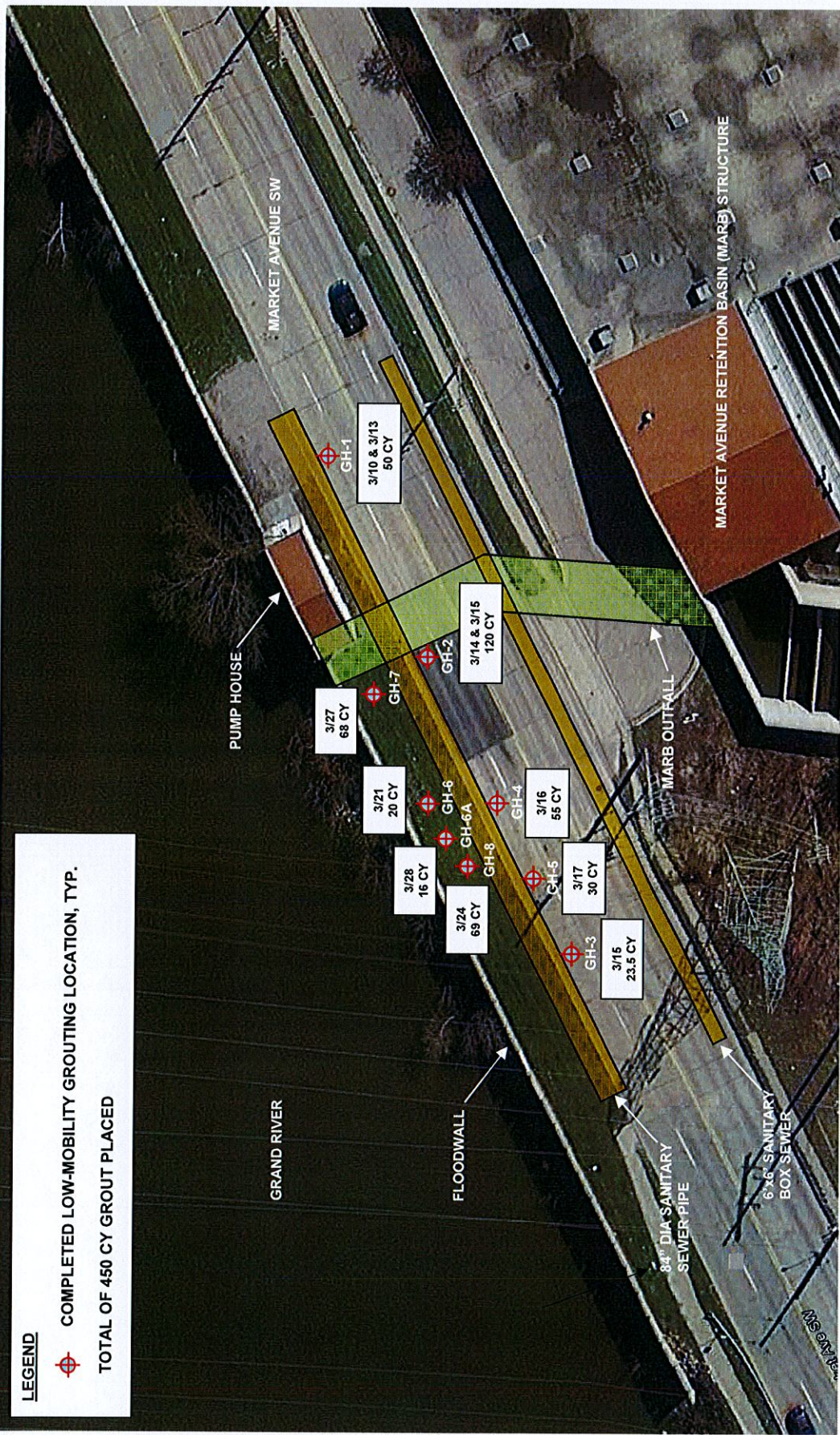
TITLE: GENERALIZED SUBSURFACE PROFILE		PROJECT: GR FLOODWALLS - DEPRESSION IN MARKET AVENUE	
SCALE:	DATE: 3/16/17	PROJECT NO.: 151630.1	
FIG. NO.: 1	DR. BY: JO	REV. BY: TM	

Materials Testing Consultants, INC

LEGEND

 COMPLETED LOW-MOBILITY GROUTING LOCATION, TYP.

TOTAL OF 450 CY GROUT PLACED



N

TITLE: LOW-MOBILITY GROUTING LOCATION PLAN		PROJECT: SUBSURFACE STABILIZATION AT 943 MARKET AVENUE	
SCALE: NO SCALE	DATE: 3-30-2017	PROJ. NO.: 151630.4	Materials Testing Consultants, INC.
FIG. NO: 1	DR. BY: TM	REV. BY: SE	

**Water/Sewer UAB Report
March 2017**

Project Name	Contractor	Award Date	Substantial Completion Date	Final Completion Date	Water Fund Authorized NTE Amt	Sewer Fund Authorized NTE Amt	Est. Year for Rates	Integrated (Y/N)
Water Main in SHELDON AVENUE from Weston Street to Fulton Street (20 Fulton Street)	20 Fulton East, LLC.	3/7/2017	N/A	N/A	\$ 150,000.00	N/A	2018	N (GR)
Reconstruction of OAKLAND AVENUE from B St. to Franklin St.	Nagel Construction, Inc.	3/7/2017	8/4/2017	10/27/2017	\$ 488,000.00	N/A	2018	N (GR)
Replacement of Motor Control Center - South & Motor Control Center - North at the Water Resource Recovery Facility	Strain Electric Company	3/28/2017	6/30/2017	7/14/2017	N/A	\$ 244,200.00	2018	Y