

Exhibit No.: 327  
Issue: Main Replacement Scheduling  
and Coordination with City  
Departments  
Witness: Britt E. Smith, PE  
Sponsoring Party: City of Jefferson City, Missouri  
Case No.: Case No. WR-2017-0285

CITY OF JEFFERSON CITY, MISSOURI

Case No. WR-2017-0285

DIRECT TESTIMONY

OF

BRITT E. SMITH, PE

Jefferson City, Missouri  
November 2017

City of Jeff City Exhibit No. 327  
Date 3-5-18 Reporter Beccat  
File No. WR-2017-0285

BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI


In the Matter of Missouri-American Water Company's )  
Request for Authority to Implement a General Rate ) Case No. WR-2017-0285, et al.  
Increase for Water and Sewer Service Provided in )  
Missouri Service Areas )

AFFIDAVIT OF BRITT E. SMITH, PE


STATE OF MISSOURI )  
) ss.  
COUNTY OF COLE )

I, Britt E. Smith, PE, of lawful age, and being duly sworn, do hereby depose and state:

1. My name is Britt E. Smith. I am presently Operations Divisions Director within the Department of Public Works for the City of Jefferson, intervener in the referenced matter.
2. Attached hereto and made a part hereof for all purposes is my direct testimony.
3. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my personal knowledge, information and belief.

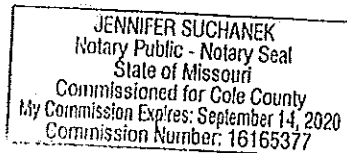
  
\_\_\_\_\_  
Britt E. Smith

Subscribed and sworn to before me, a Notary Public, this 29<sup>th</sup> day of November, 2017.

  
\_\_\_\_\_  
Notary Public

My Commission expires:

September 14, 2020



Q. WHAT IS YOUR NAME, TITLE AND BUSINESS ADDRESS?

A. My name is Britt E. Smith, PE, and I am the Operation Divisions Director within the Department of Public Works for the City of Jefferson. My business address is City Hall, 320 East McCarty, Jefferson City, Missouri.

Q. ON WHOSE BEHALF DO YOU APPEAR IN THIS PROCEEDING?

A. City of Jefferson.

Q. WHAT ARE YOUR RESPONSIBILITIES AS OPERATION DIVISIONS DIRECTOR?

A. I oversee four divisions within the public works department: Street, Central Maintenance, Airport and Parking Divisions. The divisions have a combined workforce of forty-six (46) full-time employees (FTEs) and a total annual operating budget of over \$5 million. My responsibilities include leveraging all available resources including materials, equipment and personnel to accomplish the varying missions of each respective division. Our key tasks include emergency preparedness, right-of-way management, street maintenance, snow fighting operations, in-house construction projects, parking facility maintenance, parking ordinance enforcement, vehicle maintenance, airport facility maintenance, and consultant design & construction project management.

Q. HAVE YOU ATTACHED A SCHEDULE WHICH SUMMARIZES YOUR EDUCATIONAL AND PROFESSIONAL EXPERIENCE?

A. Yes, it is attached as BES Schedule 1.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. I will be discussing the process by which my department schedules street improvements in coordination with underground facility owners including Missouri American Water

Company (MAWC). I also have a recommendation on improving coordination with the Company on such projects.

Q. PLEASE EXPLAIN THE PROCEDURES YOUR DEPARTMENT USES TO ENGAGE UNDERGROUND FACILITY OWNERS IN ROAD IMPROVEMENT PROJECTS.

A. My department has adopted a procedure of giving advance notice of City financed street improvement projects and other capital improvement projects to affected underground facility owners. The department prepares a list of projects that are anticipated to be started and completed within a three year time frame and provides that list to entities which may have facilities at risk including Cole County, the state Office of Administration, electricity, gas, telecommunications, and water providers including Missouri American Water Company. This list of projects and the schedule are not absolute. The schedule for and the identity of projects are subject to modification to accommodate other entities that are in or adjacent to the right of way. The purpose of the notice is to encourage coordination between affected utilities and the City so that improvements needed under the street can be scheduled at the same time or proximate to the improvements needed on the street

Q. ARE MEETINGS WITH AFFECTED PARTIES CONDUCTED AS WELL?

A. Yes. The department holds a semi-annual government agency and utility coordination summit as well. Those in attendance at that meeting include representatives of the Missouri Department of Transportation, the Missouri Office of Administration, Cole County, local engineering consultants, and utility owners such as MAWC. At this meeting the City's construction projects, current and prospective, as well as those of the

other attendees are discussed. This meeting is designed as a place for affected entities to update each other on project details and in so doing increase the effectiveness and useful life of all their new construction in the City. Additional project specific meetings are scheduled for each capital improvement project and all utility companies possibly affected by that project are invited.

Q. DO YOU AND MAWC WORK COOPERATIVELY RESPECTING THE MAINTENANCE AND REPAIR OF ITS WATER SYSTEM.

A. In general, my department and the Company enjoy a good relationship. For instance, my department understands that the water system serving Jefferson City has a number of mains that were installed over 80 to 100 years ago and naturally there will be a regular frequency of leaks in that system. To minimize time loss in obtaining curb or street cut permits for repairs, my department allows MAWC to call in permits for work after or during the repair. This process has proven to be quick and administratively convenient for the City and also for the Company, as far as I know. I am attaching for illustration the record of excavation permits MAWC has requested for the period of time commencing November 1, 2013 to November <sup>29</sup>~~15~~, 2017. I have marked the record as BES Schedule 2. ✓  
We assist MAWC in scheduling repairs to both minimize impact to the public and cost of repair. For example when maintenance work requires crossing a major roadway, we will work with MAWC to develop a work plan to minimize traffic impact. Many times, by reducing the traffic impact, we lower total repair cost by avoiding the cost of extensive detour plans.

We also understand that not all work can be planned. As an example, on Christmas Eve a year or two ago, the water main on Industrial Boulevard broke. The main break caused roadway damage and as a result mud was deposited on the roadway over a distance to 300 to 400 feet from the break location. Normal practice would require companies to address this type of issue by using contract forces of their choosing. Because it was Christmas Eve we understood that would be very difficult to arrange so, after receiving a call from the MAWC contractor on my cell phone, we were able to call in City staff to assist with the cleanup effort by use of our street sweepers. This is just one example of how we partner with MAWC, and other utilities, to provide both quality and timely services to our citizens.

However, an element of my department's relationship with MAWC that needs serious improvement is the Company's communication with the department about its own schedule of construction projects within the City.

Q. PLEASE EXPLAIN.

A. During my tenure as Operation Divisions Director MAWC has not disclosed to me or the department its long or short range capital improvement or expenditure plan. As far as I know the Company has not disclosed the age of its infrastructure, the life cycle of its critical components or its forecasts for replacement. For lack of this information, the City has not been able to make a reliable link between its own construction schedule and that of MAWC. The absence of careful planning in this respect encourages inefficiencies and undue expense. Let me explain this situation with another example. In late 2015 or early 2016, the City proposed a major street improvement project for East Capitol Avenue

between Adams Street and Lafayette Street. From conceptual design through final design several meetings were held with MAWC staff discussing the scope of the project. The project included a surface treatment with an estimated 15 to 20 year life and included ornamental type street parking places and bike lanes. Missouri American has a large dimension water main under East Capitol Avenue along the route of the improvement. I believe that this main is one of the oldest in the City. MAWC was notified about the scope of the project and that it would commence in 2017. The department encouraged MAWC to replace the water main at the same time as the improvements to East Capitol Avenue were being made. By replacing the main and/or services then the cost would be the lowest possible due to limited roadway restoration cost. This in my opinion would be a “win – win” for everyone. MAWC did not agree to replace that main nor the service under the proposed improvements, unless those services were lead lines. Given MAWC’s unwillingness to make any substantial repairs/replacement when costs would be at the lowest (during street reconstruction), the City moved ahead with the improvements to East Capitol Avenue and the ribbon cutting for the project was conducted on November 15, 2017.

Q. ARE THERE ANY RISKS TO THE IMPROVEMENTS TO EAST CAPITOL AVENUE BECAUSE THE WATER MAIN HAS NOT BEEN REPLACED?

A. In my estimation there are. When the main under East Capitol Avenue breaks or suffers a substantial leak, MAWC will excavate in the new road bed for purposes of the repair and be required by City code or ordinance to restore the street to the condition it was before the excavation. I fully suspect that such a break or leak will occur within the next

three or four years. An excavation for the repair will be detrimental to the pavement surfaces and the resulting “patch” in the road will generate public objection. The result will be higher repair cost for MAWC and a reduced life of the road because in my experience no roadway patch is as good as the original undisturbed surface. Instead of the “win – win” we hoped for we have a “lose – lose” scenario.

Q. ARE OTHER CAPITAL PROJECTS PLANNED ALONG EAST CAPITOL AVENUE?

A. The City is planning the redevelopment of the former Missouri State Penitentiary site and various properties along the street are under redevelopment. At some point there will be an analysis of the water pressure and flow that is available for facilities proposed in that redevelopment. Without information from the Company on its construction schedule, I believe the City and the Company lost yet another opportunity; specifically the opportunity to address as part of the East Capitol Avenue project the prison redevelopment and any needed improvements.

Q. WHAT IS YOUR RECOMMENDATION IN THIS CASE?

A. I recommend that the Company be directed as part of the Commission report and order in this case to provide the following information to my department:

1. On a regular basis, its annual or multi-year capital expenditure or improvement plan for the Jefferson City service area, and any updates made to those plans shortly after they have been approved. If this information should be covered by a confidentiality agreement my department is prepared to enter one approved by the parties’ counsel.
2. Any leak studies of the water system in the Jefferson City service area.



3. The current pressure and volume model for the water system in the Jefferson City service area with the understanding and authority that it be shared with the fire department.
4. The age of the water system infrastructure.
5. The current and subsequent versions of MAWC's Resource Supervised Plan as outlined in 10 CSR 60-10.010 (2) C. 2.

Greater coordination between the City and the Company with regard to the Company's major improvement projects is certainly possible provided the Company shares this information.

Q. WHAT ARE THE LONG TERM ADVANTAGES OF HAVING THIS INFORMATION?

A. I suggest that one advantage is obvious. This information will greatly benefit the objective of maintaining new pavement surfaces for the length of their design life. It has been my unfortunate experience as Operation Divisions Director that after a major street in the City will be overlaid within three years the Company will ask to dig up the street to make a repair. To the extent conceivably possible the problem of fixing water leaks in new streets should be stopped.

Another advantage is meeting public expectations and reducing their cause for objection. Roads are improved at public expense and if instead of a smooth and integrated road surface the citizens driving on those roads are met with repairs resembling a "patchwork quilt" they are justifiably dissatisfied. Water mains should not be repaired or replaced a foot at a time.

Additionally, water under the pavement greatly reduces the life span of any pavement section. Sometime the full damage caused by a water leak is not seen until month or years after any repairs were made.

Public safety is another major concern. A water leak near a drainage way may go undetected for extended periods of time. During this time, under-pavement erosion can occur. In many cases across the nation, large sink holes have developed, resulting in damage to both public and private property and the potential to harm life.

Finally, better coordination of City and Company projects will reduce the Company's expenses in making road repairs and the quarrels that sometimes occur over the quality of the Company's repair of the excavated surface.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes.

BES Schedule 1

EDUCATIONAL AND PROFESSIONAL EXPERIENCE

FOR

BRITT E. SMITH, PE

***EDUCATION***

**University of Missouri - Rolla**  
Bachelors of Science in Aerospace Engineering,

**Northeast Missouri State University**  
Major: Pre-Engineering

***PROFESSIONAL EXPERIENCE***

City of Jefferson  
Operations Division Director  
August 2011 – Present

City of Jefferson  
Street and Parking Division Director  
December 2003 - August 2011

Missouri Department of Conservation  
Project Supervisor  
Jefferson City, Missouri  
February 2001 - December 2003

City of Jefferson  
Civil Engineer  
October 1995 - January 2001

MECO Engineering Company, Inc.  
Engineer/Project Manager  
Jefferson City, Missouri  
August 1991 - October 1995

***PROFESSIONAL CERTIFICATIONS***

Professional Engineer (P.E. in Civil Engineering) - EN 029126

***HONORS AND ACHIEVEMENTS***

National Society of Professional Engineers  
Missouri Representative to the National House of Delegates

Missouri Society of Professional Engineers

President

President-Elect

Vice President

Treasurer

Director

Jefferson City Chapter of the Missouri Society of Professional Engineers

President

President-Elect

Vice President

Secretary/Treasurer

Missouri American Water  
Street Cut and Right-of-Way  
November 1, 2013 - November 29, 2017

Date work done	Date called in	Date Completed	Days Active	Location	Permit No.	Description
11/21/17	11/21/17	11/27/17	3	1918 Haysellon	21716	Closed
11/16/17	11/16/17	11/27/17	5	140 Booneville	21715	Closed
11/13/17	11/13/17			1913 Cole Dr	21717	
11/10/17	11/10/17			1760 Southridge Dr	21713	
11/10/17	11/10/17	11/14/17	4	131 E High	21712	Closed
11/4/17	11/6/17	11/21/17	10	2424 Livingston	21646	Closed
11/1/17	11/1/17	11/3/17	3	E Cedar Way/Madison	21645	Closed
10/30/17	10/30/17	11/15/17	12	1202 Bald Hill	21644	Closed
10/27/17	10/27/17	10/31/17	4	E McCarty Lafayette	21643	Closed
10/25/17	10/25/17	11/17/17	18	420 Holiday	21642	Closed
10/24/17	10/24/17	11/17/17	19	1111 Leslie Blvd	21641	Closed
10/7/17	10/7/17	11/21/17	32	1813 Swifts Hwy	21640	Closed
10/4/17	10/4/07	10/17/07	10	1812 Stadium	21639	Closed
9/3/17	9/6/17	9/12/17	6	1126 E Atchison	21638	Closed
8/13/17	8/15/17	8/28/17	11	1003 Indiana Ave	21637	Closed
8/2/17	8/4/17	8/28/17	20	1715 Haysellon	21636	Closed
7/22/17	7/22/17	8/8/17	12	900 Witter	21635	Closed
7/21/17	7/21/17	7/27/17	5	1100 Industrial Driv	21634	Closed
6/2/17	6/1/17	6/8/17	5	111 Industrial Dr	21633	Closed
5/28/17	5/28/17	6/8/16	9	MO Blvd and High St	21632	Closed
5/17/17	5/17/17	7/12/17	39	2308 Hyde Park	21586	Closed
5/13/17	5/13/17	5/25/17	9	2211 Brandy Ln	21585	Closed
4/25/17	4/25/17	5/19/17	19	603 Ohio	21584	Closed
3/27/17	3/27/17	4/17/17	16	1220 W High Street	21583	Closed
3/13/17	3/14/17	3/16/17	4	1405 Moreland	21582	Closed
3/13/17	3/13/17	3/29/17	13	103 E Circle	21581	Closed
3/10/17	3/10/17	3/15/17	4	716 W Main	21580	Closed
3/9/17	3/9/17	4/17/17	21	Adams/Capitol	21579	Closed
3/1/17	3/3/17	3/10/17	8	2409 Hyde Park	21578	Closed
3/1/17	3/1/17	4/26/17	43	526 E Capitol	21577	Closed
2/23/17	2/27/17	3/7/17	9	1011 Industrial	21576	Closed
2/27/17	2/27/17	6/1/17	67	E Circle	21575	Closed
2/27/17	2/27/17	3/13/17	13	603 Linn	21574	Closed
2/19/17	2/19/17	2/28/17	7	109 Bluff	21573	Closed
2/17/17	2/17/17	3/7/17	12	205 Clay St	21572	Closed
1/13/17	2/7/17	2/14/17	22	West Tanner Way	21541	Closed
1/13/17	2/7/17	2/17/17	25	1031 Buna Vista	21540	Closed
2/3/17	2/3/17	2/17/17	11	1810 Stadium	21539	Closed
12/18/16	1/6/17	1/23/17	25	1200 Elmerine	21535	Closed
12/14/16	1/6/17	1/12/17	17	Hart/ W McCarty	21534	Closed
12/13/16	12/14/16	12/22/16	8	714 Michigan	21531	Closed
12/12/16	12/14/16	12/14/16	1	923 Dockery St	21530	Closed
12/10/16	12/10/16	4/17/17	88	1323 Karen	21529	Closed
12/9/16	12/9/16	2/28/17	61	708 Belair	21528	Closed
12/8/16	12/8/16	1/23/17	29	1609 Bevelry	21527	Closed
10/27/16	10/26/16	10/26/16	6	1010 Rosewood Circle	21478	Closed
10/20/16	10/21/16	10/25/16	4	Edmunds/Buna Vista	21477	Closed
10/20/16	10/21/16	10/25/16	4	Edmunds/Elizabeth	21476	Closed
10/20/16	10/21/16	10/25/16	4	Edmunds/Myrtle	21475	Closed
9/30/16	9/30/16	11/2/16	24	701 Belair	21474	Closed
9/17/16	9/17/16	11/2/16	35	1618 E Miller	21473	Closed
9/14/16	9/14/16	11/2/16	36	909 E Capitol	21472	Closed
9/14/16	9/14/16	11/2/16	36	200 Hub St	21471	Closed
9/9/16	9/9/16	10/6/16	20	1901 Glenwood	21470	Closed
8/19/16	8/19/16	9/27/16	28	1105 and 106 Carri Ann	21469	Closed
8/15/16	8/15/16	9/12/16	21	200 Block Clay Street	21468	Closed
8/13/16	8/13/16	9/14/16	23	1810 Stadium	21467	Closed
7/25/16	8/11/16	8/29/16	26	Rosewood/Carol	21466	Closed
8/8/16	8/8/16	8/24/16	13	611 Hibernia	21440	Closed
7/26/16	7/26/16	7/29/16	3	Stadium and Carter	21439	Closed
7/26/16	7/26/16	7/29/16	3	1228 Carter	21438	Closed

Missouri American Water  
Street Cut and Right-of-Way  
November 1, 2013 - November 29, 2017

Date work done	Date called in	Date Completed	Days Active	Location	Permit No	Description
7/26/16	7/26/16	8/12/16	14	Rosewood/Carroll	21437	Closed
7/25/16	7/25/16	8/12/16	15	1011 Winslon	21436	Closed
7/20/16	7/20/16	8/12/16	18	East Ashley and Madison	21435	Closed
7/8/16	7/8/16	8/26/16	37	2653 Sue Drvie	21434	Closed
7/7/16	7/7/16	7/29/16	17	613 Michigan	21433	Closed
7/6/16	7/16/16	8/2/16	12	701 E McCaty	21432	Closed
7/5/16	7/5/16	8/29/16	40	901 E Capitol	21431	Closed
7/4/16	7/4/16	7/11/16	4	901 Madison	21430	Closed
7/3/16	7/3/16	8/26/16	40	2201 Marilyn	21429	Closed
7/2/16	7/2/16	7/11/16	5	104 Jackson	21428	Closed
7/1/16	7/1/16	8/23/16	37	824 SW Blvd	21427	Closed
6/30/16	6/30/16	9/7/16	49	908 Westwood	21426	Closed
6/30/16	6/30/16	7/20/16	14	1816 Green Meadow	21405	Closed
6/28/16	6/28/16	7/11/16	11	1401 E Elm	21404	Closed
6/28/16	6/28/16	8/2/16	24	613 Waverly	21403	Closed
6/26/16	6/26/16	7/20/16	17	2406 James Street	21402	Closed
6/19/16	6/19/16	7/11/16	26	Colltage Ln/ Gordon	21401	Closed
6/14/16	6/14/16	8/12/16	44	Adams/State	21400	Closed
6/14/16	6/14/16	7/20/16	25	1101 Maplewood Ct	21399	Closed
5/26/16	5/26/16	6/28/16	23	1805 W Main	21398	Closed
5/10/16	5/10/16	5/31/16	14	1115 E Miller	21397	Closed
5/5/16	5/4/16			1827 Mississippi	21396	Closed
5/5/16	5/5/16	5/18/16	9	617 Houchin	21395	Closed
5/2/16	5/2/16			1900 Summers Way	21394	Closed
5/1/16	5/1/16	5/10/16	8	938 Fairmont Blvd	21393	Closed
4/21/16	4/21/16	5/4/16	9	1209 West Main	21392	Closed
4/20/16	4/20/16	5/4/16	10	127 W Circe	21391	Closed
4/19/16	4/19/16	4/27/16	7	1210 Moreland	21390	Closed
4/15/16	4/15/16			2207 Merlin	21389	Closed
4/12/16	4/12/16	4/19/16	6	620 Ohio	21388	Closed
4/12/16	4/12/16	4/19/16	6	608 Ohio	21387	Closed
4/11/16	4/11/16	4/15/16	5	High Street ramp/MO Blvd	21386	Closed
4/7/16	4/7/16	4/15/16	7	207 Vista	21365	Closed
4/5/16	4/5/16	5/3/16	21	2015 Tower	21364	Closed
3/29/16	3/29/16	5/4/16	28	2026 W Main	21363	Closed
3/25/16	3/25/16	7/11/16	73	1428 Bald Hill	21362	Closed
3/25/16	3/25/16	4/6/16	10	513 Gipfert Ln	21361	Closed
3/23/16	3/23/16	4/6/16	10	1805 Bald Hill Rd	21359	Closed
3/18/16	3/18/16	4/6/16	12	1014 Laural	21358	Closed
3/10/16	3/10/16	4/6/16	20	333 Old Gibbler	21357	Closed
3/10/16	3/10/16	4/6/16	20	2210 Melody Dr	21356	Closed
3/10/16	3/10/16	3/15/16	4	400 Donna Bella	21355	Closed
3/7/16	3/7/16	3/9/16	2	618 E High	2154	Closed
3/2/16	3/2/16			2025 Edgewood (Hydrent)	21353	Closed
2/26/16	2/26/16	4/6/16	28	2025 Edgewood	21352	Closed
2/23/16	2/23/16	8/24/16	130	1415 Stadium	21351	Closed
2/19/16	2/19/16	12/7/16		300 blk E State St	21320	Closed
2/18/16	2/18/16	2/29/16	8	Union/Jackson	21319	Closed
2/12/16	2/12/16	3/9/16	19	2109 Edgewood Drive	21318	Closed
2/12/16	2/12/16	3/9/16	19	818 Air View	21317	Closed
2/11/16	2/11/16	3/9/16	20	2500 Orchard Ln	21316	Closed
2/11/16	2/11/16	2/25/16	11	1722 South Ridge	21315	Closed
2/5/16	2/5/16	3/9/16	23	2000 Meadow Ln	21314	Closed
2/3/16	2/3/16	2/15/16	9	2128 Green Meadow Dr	21313	Closed
2/1/16	2/1/16	2/15/16	11	1308 Moreau	21312	Closed
1/29/16	1/29/16	2/1/16	1	1709 Francis	21311	Closed
1/28/16	1/28/16	2/1/16	2	710 Belair	21310	Closed
1/28/16	1/28/16	2/1/16	2	Hough Park and Kolb	21309	Closed
1/26/16	1/26/16	2/1/16	4	122 Boonville	21308	Closed
1/26/16	1/26/16	1/27/16	1	126 E Circle	21307	Closed
1/22/16	1/22/16	3/9/16	33	2124 Lowell	21306	Closed

Missouri American Water  
Street Cut and Right-of-Way  
November 1, 2013 -November 29, 2017

Date work done	Date called in	Date Completed	Days Active	Location	Permit No.	Description
1/21/16	1/21/16	2/4/16	11	1200 Moreland	21305	Closed
1/17/16	1/17/16	3/9/16	37	1822 Tanner Bridge	21304	Closed
1/15/16	1/15/16	1/25/16	5	906 Broadway	21303	Closed
1/11/16	1/12/16	1/14/16	3	810 Stadium	21302	Closed
1/11/16	1/12/16	1/13/16	2	Ridgewood and W McCarty	21301	Closed
1/2/16	1/12/16	1/29/16	20	Southwest and Sunvally	21211	Closed
1/2/16	1/12/16	1/14/16	9	1837 W McCarty	21210	Closed
12/24/15	12/30/15	1/6/16	8	1812 W Stadium Blvd	21209	Closed
12/21/15	12/23/15	1/6/16	10	1228 West Edgewood	21208	Closed
12/4/15	12/7/15	12/21/15	12	W. McCarty and Manilla	21207	Closed
12/4/15	12/7/15	12/21/15	12	1808 Greenberry x2	21206	Closed
11/28/15	11/30/15	2/23/16	60	2224 Oakview	21205	Closed
11/19/15	11/18/15	2/23/16		Oakview/Hillsdale	21204	Closed
10/28/15	10/28/15	12/4/15	25	2619 Schellridge	21203	Closed
10/23/15	10/26/15	12/4/15	28	319 Meier	21202	Closed
10/10/2015	10/12/2015	10/23/2015	10	400 E Cedar Way	21201	Closed
10/7/2015	10/8/2015	10/9/2015	3	1409 Moreland	21200	Closed
10/3/2015	10/5/2015	10/22/2015	14	MO Blvd and Stadium	21199	Closed
9/15/2015	9/15/2015	9/22/2015	6	213 E Elmi	21198	Closed
9/8/2015	9/14/2015	9/22/2015	8	1025 Westwood	21197	Closed
9/7/2015	9/8/2015	9/22/2015	9	2601 Schellridge	21196	Closed
9/5/2015	9/8/2015	9/22/2015	11	1901 Bassman	21195	Closed
9/2/2015	9/8/2015	10/30/2015	43	804 Adams	21194	Closed
8/18/2015	8/20/2015	8/20/2015	2	E Elm/Linn	21193	Closed
8/10/2015	8/20/2015	9/22/2015	31	933 Leslie	21192	Closed
8/7/2015	8/20/2015	9/15/2015	25	1312 Lynnwood	21141	Closed
6/30/2015	6/30/2015	7/6/2015	5	313 Hart	21139	Closed
6/30/2015	6/30/2015	7/2/2015	3	100 E Cedar Way	21140	Closed
6/22/2015	6/22/2015	6/25/2015	3	1707 West Main	21137	Closed
6/19/2015	6/22/2015	7/7/2015	13	800 Adams	21138	Closed
6/17/2015	6/18/2015	6/24/2015	6	Satinwood/Brandy Lane	21136	Closed
6/10/2015	6/10/2015	6/15/2015	3	100 Jefferson	21135	Closed
6/2/2015	6/3/2015	6/9/2015	5	2406 James Street	21134	Closed
5/29/2015	5/29/2015	6/9/2015	8	623 Ohio	21133	Closed
5/26/2015	5/26/2015	6/9/2015	11	1313 Moreland	21132	Closed
5/21/2015	5/21/2015	6/24/2015	25	Hibernia/Mokane Road	21130	Closed
5/21/2015	5/21/2015	6/3/2015	10	1900 Stadium	21131	Closed
5/15/2015	5/15/2015	6/3/2015	13	319 Stadium	21129	Closed
5/14/2015	5/14/2015	6/3/2015	14	205 Boonville	21128	Closed
5/6/2015	5/6/2015	5/11/2015	3	1317 Monroe	21127	Closed
4/28/2015	4/28/2015	5/7/2015	8	312 E Capitol	21126	Closed
4/19/2015	4/20/2015	5/4/2015	10	1110 Lee Street	21125	Closed
4/15/2015	4/15/2015	5/7/2015	17	1711/1713 Haysellon	21124	Closed
4/3/2015	4/10/2015	5/7/2015	25	217 Stadium Blvd	21123	Closed
3/27/2015	3/27/2015	6/24/2015	66	1419 Hough Park	21122	Closed
3/26/2015	3/26/2015	3/30/2015	3	209 E Atchison	20982	Closed
3/26/2015	3/26/2015	5/7/2015	31	Jackson/Stadium	20983	Closed
3/19/2015	3/20/2015	4/24/2015	26	419 Oak Valley Ct	20980	Closed
3/19/2015	3/20/2015	5/21/2015	45	1902 Stadium Blvd	20981	Closed
3/17/2015	3/18/2015	3/30/2015	10	Dunklin/Jefferson	20979	Closed
3/6/2015	3/9/2015	3/12/2015	5	909 Indiana	20978	Closed
3/5/2015	3/6/2015	VOID		1104 Madison St (in ally)	20977	VOID
3/3/2015	3/3/2015			1808 Crader Dr	20973	Closed
3/3/2015	3/4/2015	3/26/2015	18	110 block Jackson	20974	Closed
2/27/2015	3/4/2015	4/15/2015	33	Boonville and Norris	20975	Closed
2/27/2015	3/4/2015	4/15/2015	33	W. McCarty and Hart	20976	Closed
2/24/2015	2/25/2015	3/24/2015	21	719 Jefferson	20972	Closed
2/22/2015	2/23/2015			1212 Moreland Ave	20971	Closed
2/11/2015	2/11/2015	3/12/2015	22	2717 Lola Dr	20970	Closed
2/9/2015	2/9/2015	3/3/2015	17	1924 Haysellon	20968	Closed
2/9/2015	2/9/2015	3/2/2015	32	525 E High	20969	Closed

Missouri American Water  
Street Cut and Right-of-Way  
November 1, 2013 -November 29, 2017

Date work done	Date called in	Date Completed	Days Active	Location	Permit No.	Description
1/29/2015	1/29/2015	3/30/2015	44	Dunklin and Jefferson	20967	Closed
1/25/2015	1/26/2015	1/30/2015	4	104 N. Taylor	20966	Closed
1/21/2015	1/21/2015	1/30/2015	7	400 E Hess Way	20965	Closed
1/20/2015	1/21/2015	1/27/2015	5	117 E Circle	20958	Closed
1/19/2015	1/21/2015	1/27/2015	7	412 E Circle	20960	Closed
1/19/2015	1/21/2015	3/24/2015	47	401 Capitol	20963	Closed
1/19/2015	1/21/2015	2/6/2015	14	319 Meier	20964	Closed
1/17/2015	1/21/2015	2/6/2015	15	823 Primrose	20957	Closed
1/17/2015	1/21/2015	1/27/2015	7	917 Moreau	20961	Closed
1/16/2015	1/21/2015	1/30/2015	11	414 Hess Way	20959	Closed
1/11/2015	1/11/2015	1/21/2015	8	Boonville and West Main	20956	Closed
1/10/2015	1/11/2015	1/27/2015	11	Moreland and Moreau	20953	Closed
1/10/2015	1/11/2015	1/20/2015	7	1320 Moreland	20954	Closed
1/10/2015	1/11/2015	2/6/2015	20	2306 Hillsdale	20955	Closed
1/7/2015	1/9/2015	1/14/2015	6	2503 Industrial Drive	20952	Closed
1/6/2015	1/6/2015	1/21/2015	12	300 Berry St	20951	Closed
1/1/2015	1/5/2015	2/6/2015	26	1902 MO Blvd/Beck St	20949	Closed
1/1/2015	1/15/2015	2/11/2015	30	413 Beck St	20950	Closed
12/26/2014	12/29/2014	1/20/2015	16	1308 Houchins	20947	Closed
12/26/2014	12/29/2014	1/20/2015	16	Dunklin and Houchins	20948	Closed
12/2/2014	12/3/2014	12/15/2014	12	Donald Dr	20946	Closed
11/27/2014	12/1/2014	12/15/2014	14	Donald Dr	20945	Closed
11/18/2014	11/19/2014	12/15/2014	18	1924 Haysellon	20944	Closed
11/14/2014	11/17/2014	12/2/2014	18	837 Crestmere	20943	Closed
11/13/2014	11/17/2014			501 Mesa	20942	Closed
10/28/2014	10/29/2014	12/2/2014	22	2600 Schellridge	20941	Closed
10/16/2014	10/20/2014	11/4/2014	13	1605 Bald Hill Rd	20940	Closed
10/13/2014	10/16/2014	11/4/2014	15	Dogwood/Buehrle	20939	Closed
10/7/2014	10/9/2014	10/19/2015	10	212 Broadway	20938	Closed
9/16/2014	9/17/2014	10/1/2014	10	2500 Country Club	20937	Closed
9/8/2014	9/8/2014	9/17/2014	9	Ridgeway and Oakview	20936	Closed
8/22/2014	8/26/2014	10/7/2014		East Miller and Marshall	20934	Closed
8/21/2014	8/22/2014	9/15/2014	14	421 Union	20935	Closed
8/16/2014	8/11/2014	11/4/2014	65	1827 W. McCarty	20933	Closed
7/30/2014	7/31/2014			West Ashley and Mulberry	20860	Closed
7/28/2014	7/26/2014			200 block of S. Bluff Street	20859	Closed
7/23/2014	7/23/2014	8/11/2014	19	1319 E Elm Street	20856	Closed
7/23/2014	7/25/2014	8/1/2014	10	103 East Circle	20857	Closed
7/23/2014	7/25/2014	8/11/2014	19	700 Block of Michigam	20858	Closed
7/17/2014	7/22/2014			2025 West Edgewood Dr	20854	Closed
7/17/2014	7/22/2014			Hiebertia	20855	Closed
7/13/2014	7/22/2014	8/19/2014	37	1429 Dixon Drive	20853	Closed
7/7/14	7/8/14	7/15/14		1502 Greenberry	20852	Closed
7/5/14	7/8/14	10/3/14	58	114 Ridgeway	20851	Closed
7/1/14	7/3/14	8/14/14	21	1120 Lee Street	20850	Closed
6/30/14	7/1/14	7/15/14		400 Block Jackson	20848	Closed
6/30/14	7/3/14	7/15/14		1306 West Main	20849	Closed
6/20/14	6/23/14	7/15/14		1505 Stadium	20847	Closed
6/6/14	6/9/14			327 Fox Creek	20845	Closed
6/4/14	6/5/14	4/20/15		West Main and MO Blvd	20844	Closed
5/27/14	5/28/14			Industrial and Jaycee Dr	20842	Closed - New Main
5/21/14	5/21/14	6/4/14	14	321 Wilson Drive	20841	Closed
5/20/14	5/20/14	6/4/14	15	4411 Industrial	20840	Closed
5/13/14	5/14/14			1101 Industrial Drive	20839	Closed
5/8/14	5/13/14	5/14/14	6	Hillsdale and Binder	20837	Closed
5/1/14				505 Meier Dr	20836	Closed
4/29/14	4/29/14	5/6/14	7	421 Ladue Rd	20835	Open - Driveway Issues
4/28/14		11/17/14		700 Block SW Blvd	20830	Closed
4/28/14	4/29/14	5/15/14	17	102 Vista	20832	Closed
4/28/14	4/29/14	5/1/14	3	1308 Cottage Lane	20833	Closed
4/28/14	4/29/14	5/6/14	8	2215 Hillsdale	20834	Closed
4/26/14				206 John St	20831	Closed
4/24/14				300 Block East High	20829	Closed



