


MEMORANDUM

TO: Michael G. Lewis, City Engineer

FROM: Brian D. Block, Traffic & Utility Technician 

DATE: July 13, 2009

RE: Claim Against the City of West Allis by Gene Wagner Plumbing for a work on failed sanitary lateral wye connection at 2052 S. 107 St.

SUMMARY

Gene Wagner Plumbing Co., Inc. was hired by the property owner to pipe burst the existing sanitary lateral pipe and replace the sanitary lateral from the sanitary main to the building. The sanitary lateral was failing with tree roots protruding into the lateral pipe.

Gene Wagner Plumbing Co., Inc. excavated in the pavement area at 2052 S, 107 St. and discovered the bell to wye connection cracked and broken.

I instructed Gene Wagner Plumbing Co., to make a sanitary spot relay with a sanitary lateral reconnection for 2052 S. 107 St.

Gene Wagner Plumbing Co., completed the relay and reconnection and placed concrete pavement restorations.

FINDINGS & OBSERVATIONS

- **Existing conditions and utilities in S. 107St. at the address 2052 S. 107 St.**

The pavement at 2052 S. 107 St. is a 34 ft. wide concrete pavement centered in a 60 ft. right of way.

The City of West Allis underground utilities in S. 107 St. at the above-referenced address consist of the following:

UTILITY	YEAR INSTALLED	LOCATION
6 in. cast iron water main	1959	26 ft. east of east RoW line
8 in. clay sanitary sewer	1941	26ft. west of the east RoW line.
12 in. concrete storm sewer	1979	19ft. west of the east RoW line.

Records indicate that the existing sanitary sewer lateral at 2052 S. 107 St. is a 6 in. clay pipe installed in 1944

CHRONOLOGY

05/19/09

Gene Wagner Plumbing Co., contacted me for a quote for an excavation permit to excavate the sanitary lateral for 2052 S. 107 St. in the pavement area at the sanitary lateral main connection. Gene Wagner Plumbing Co., stated that they were going to pipe burst and replace the existing lateral from the main connection to the building. They stated that a visual inspection of the sanitary lateral with a video camera inserted into the lateral shows tree roots in the existing lateral but also visible are cracks in the wye connection.

06/11/09

Gene Wagner Plumbing Co., was issued Excavation Permit # 5990 from the city to replace a sanitary lateral at 2052 S. 107 St. The fee for the permit was \$65.00 and a deposit of \$368.00 was taken.

06/17/09

Gene Wagner Plumbing Co., exposed the sanitary lateral wye connection to the main for 2052 S. 107 St. I observed that the bell section of the wye connection was cracked. The cracks in the wye were found with a dark discoloration with tree roots surround them. When Gene Wagner Plumbing Co. disturbed the soil around the wye to make a connection the cracks opened and portions of wye fell away. I instructed Gene Wagner Plumbing Co. to complete a sanitary spot relay with a sanitary reconnect. Gene Wagner Plumbing Co. completed the relay using 8 in. PVC pipe, an 8in. x 6in. wye and two *Fernco* type connections.

06/18/09

Gene Wagner Plumbing Co., worked on completing the lateral portion of pipe bursting and pulling new pipe material for the lateral and backfilled the trench with aggregate slurry mix then prepared the pavement by sawing the edges.

06/19/09

Gene Wagner Plumbing Co., completed pavement restoration with concrete.

CONCLUSIONS/RECOMMENDATIONS

It is my opinion that the direct connection to the sanitary sewer main at 2052 S. 107 St. was cracked and failing. I believe that the condition was pre-existing and separate from the lateral work by Gene Wagner Plumbing Co.

I am recommending a payment to Gene Wagner Plumbing Co., of \$841.28, which is the amount of the notice of claim by Gene Wagner Plumbing Co., on the Invoice dated June 18, 2009.

cc (via email): Joseph Burtch
 Michael Scherer

FAX COVER LETTER

From:
GENE A. WAGNER PLUMBING CO., INC.
2017 S. 60TH ST.
MILWAUKEE, WI 53219
(414) 541-9217 OFFICE
(414) 541-9486 FAX

DATE: JUNE 29, 2009

FAX # 414-302-8366

COMPANY'S NAME: CITY OF WEST ALLIS ENGINEERING

ATTENTION: BRIAN B

FROM: CINDY-ACCOUNT RECEIVABLES

NUMBER OF PAGES INCLUDING COVER LETTER: 2

DESCRIPTION: REQUESTED INVOICE

Gene A. Wagner Plumbing Co., Inc.
2017 So. 60th St.
Milwaukee, WI 53219
414-541-9217 - Office
414-541-9486 - Fax
Master Plumber #222399
INVOICE

Date: June 18, 2009

Job Number: 68506

Name: City of West Allis Engineering Department
7525 W Greenfield Ave
West Allis, WI 53214

Job Address: 2052 S 107th St-West Allis

Description of Work: Replace 8" x 6" wye on sanitary main.

8" x 6" Push joint wye	65.90
2-8" Clay x PVC Ferncos	84.84
2'-8" PVC pipe	12.54
Plumber Service 6 hours @ 113.00	678.00
Total	<u>\$841.28</u>

Amount Now Due: \$841.28

Gene A. Wagner Plumbing Co., Inc.
2017 So. 60th St.
Milwaukee WI 53219
414-541-9217
FAX 414-541-9486
Master Plumbers License #222399
INVOICE

RECEIVED
JUN 22 2009
CITY OF WEST ALLIS
ENGINEERING DEPT

Date: June 18, 2009

Job Number: 68506

Name: City of West Allis Engineering Department
7525 W. Greenfield Ave.
West Allis WI 53214

Job Address: Same

Description of Work: Replace 8" x 6" wye on sanitary main.

1 – 8" x 6" Push Joint Wye	65.90
2 -8" Clay x PVC Ferncos	84.84
2' – 8" PVC Pipe	12.54
Plumbers Service 6 Hours @ 113.00	678.00

TOTAL	\$841.28

Balance Now Due: \$841.28