


MEMORANDUM

TO: Michael G. Lewis, City Engineer/Director of Public Works
FROM: Brian D. Block, Traffic & Utility Technician 
DATE: July 6, 2010
RE: Claim Against the City of West Allis by Gene Wagner Plumbing Co., Inc. for repair work on failed sanitary lateral connection to sanitary main at 1812 S. 59 St.

SUMMARY

Gene Wagner Plumbing Co. Inc. was hired by the property owner who was experiencing a back-up of sewer water at the property addressed 1812 S. 59 St.

Gene Wagner Plumbing Co., Inc. excavated in the pavement area at 1812 S. 59 St. and found that the bottom of the bell section of the wye connection was failed with a two inch triangular section broken and shifted.

I instructed Gene Wagner Plumbing Co., Inc. to make a sanitary spot relay with sanitary lateral reconnections for 1812 S. 59 St.

Gene Wagner Plumbing Co. Inc. completed the reconnection and restored the pavement.

FINDINGS & OBSERVATIONS

- **Existing conditions and utilities in S. 59 St. at the address 1812 S. 59 St.**

The pavement at 1812 S. 59 St. is a 30 ft.-40 ft. wide composite pavement of 8 in. thick concrete base and 3 in. hot mix asphalt surface. The pavement is centered in a 60 ft. right of way. Both sides of the street have concrete sidewalks.

The City of West Allis underground utilities in S. 59 St. at the above-referenced address consist of the following:

UTILITY	YEAR INSTALLED	LOCATION
6 in. cast iron water main	1908	24 ft. west of east RoW line
8 in. clay sanitary sewer	Not Dated (pre1909)	30 ft. west of east RoW line

City records indicate that the existing sanitary sewer lateral at 1812 S. 59 St. is a 6 in. clay pipe installed in 1911.

CHRONOLOGY

Tuesday, 06/08/10

City of West Allis Permit Number 6882 was issued to Gene Wagner Plumbing Co., Inc. with the purpose of inserting a new sanitary lateral into the existing lateral. The representative from Gene Wagner Plumbing Co., Inc. stated that no City involvement was known and that the blockage in the lateral was located under the pavement area. Gene Wagner Plumbing Co., Inc. was planning to excavate to the existing wye and connect to it and pull a new line through the existing lateral to the building.

Thursday, 06/10/10

A representative from Gene Wagner Plumbing Co., Inc. telephoned and requested my presence at the location. When I arrived, I observed that Gene Wagner Plumbing Co., Inc. had excavated down to the wye connection for 1812 S. 59 St. I observed that the bottom of the wye had failed with a triangular piece of the wye connection bell broken and shifted. I also observed a black sewage muck around this area and a distinct stench of sewage.

Gene Wagner Plumbing Co., Inc. claimed that when excavating, they hit a void area that was filled with black sewage with only broken pieces of the lateral. I could see the existing lateral at about six feet east of the sanitary main and above the existing water main in S. 59 St. I instructed Gene Wagner Plumbing Co., Inc. to complete a sanitary spot relay of the sanitary main with an in line wye connection for 1812 S. 59 St.

Gene Wagner Plumbing Co., Inc. completed the sanitary spot relay with wye connection. I instructed Gene Wagner Plumbing Co., Inc. to reconnect the existing sanitary lateral, but Gene Wagner Plumbing Co., Inc. stated that they were hired by the property owner to insert a new sanitary lateral pipe into the existing lateral.

Friday, 06/11/10

Gene Wagner Plumbing Co., Inc. pulled the new pipe through the existing lateral. The lateral work was inspected by Building Inspection Department.

Thursday, 6-17-10

Gene Wagner Plumbing Co., Inc. prepared and placed concrete base.

Week of June 21, 2010

Gene Wagner Plumbing Co., Inc. placed asphalt surface and reopened the entire roadway for public use.

CONCLUSIONS/RECOMMENDATIONS

Based on my observations in the field, it is my opinion that a failure of the wye connection to the sanitary main existed at 1812 S. 59 St. and caused a back-up and non-draining condition for the resident at 1812 S. 59 St.

I am recommending a payment of \$5,537.28, which is the amount of the notice of claim by Gene Wagner Plumbing Co., Inc.

BDB

cc (via email): Joseph Burtch
Michael Scherer

h:\bbmemos\59st 1812s failed sanitary lateral

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 25 2010
CITY OF WEST ALLIS
ENGINEERING DEPT

Date: June 23, 2010

Job Number: 70900

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

Job Address: 1812 So. 59th St.

Description of Work: Replace 8" x 6" wye connection at main. Bust open road, excavate to expose connection, install new 8" x 6" PVC wye with ferncos, reconnected lateral. Covered with stone backfilled with slurry, saw cut and install #6 rods. Patch asphalt.

Backhoe	400.00
Dump Truck	400.00
Dump Ticket	65.00
Stone	93.67
Slurry	591.36
Concrete	322.21
2 - 8" x Clay x PVC ferncos	84.84
1 - 8 x 6 PVC wye	80.04
3' - 8" PVC pipe	22.71
1 - 6" PVC street 45o ell	37.01
Asphalt	274.84
Barricades	140.80
8 - #6 rods	75.00
Medium size saw	125.00
Plumbers Service 24 Hours @115.00	2,760.00
Permit	64.80

TOTAL	\$5,537.28

Balance Now Due: \$5,537.28