



ENGINEERING DEPARTMENT

Michael G. Lewis
City Engineer


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City Hall
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West Allis, Wisconsin 53214

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mlewis@ci.west-allis.wi.us

MEMORANDUM

TO: Michael G. Lewis, City Engineer

FROM: Brian D. Block, Traffic & Utility Technician 

DATE: May 1, 2009

RE: Claim Against the City of West Allis by Gene Wagner Plumbing for a work on failed sanitary lateral wye connection at 2542 S. 83 St.

SUMMARY

Gene Wagner Plumbing Co., Inc. was hired by the property owner who was experiencing a slow draining condition at the property addressed 2542 S. 83 St. Gene Wagner Plumbing Co., Inc. was hired to pipe burst the existing pipe and replace the sanitary lateral from the sanitary main to the building.

Gene Wagner Plumbing Co., Inc. excavated in the pavement area at 2542 S, 83 St. and discovered the bell to wye connection cracked and broken and the lateral at the wye was slightly separated from the wye.

I instructed Gene Wagner Plumbing Co., to make a sanitary spot relay with a sanitary lateral reconnection for 2542 S. 83 St.

Gene Wagner Plumbing Co., completed the relay and reconnection and placed hot mix asphalt pavement restorations.

FINDINGS & OBSERVATIONS

- **Existing conditions and utilities in S. 83St. at the address 2542 S. 83 St.**

The pavement at 2542 S. 83 St. is a 30 ft. wide asphalt pavement centered in a 50 ft. right of way. Both sides of the street have concrete sidewalks.

The City of West Allis underground utilities in S. 83 St. at the above-referenced address consist of the following:

UTILITY	YEAR INSTALLED	LOCATION
8 in. ductile iron water main	2007	22 ft. west of east RoW line
8 in. clay sanitary sewer	1954	center of RoW

Records indicate that the existing sanitary sewer lateral at 2542 S. 83 St. is a 6 in. clay pipe installed in 1954

CHRONOLOGY

03/30/09

Gene Wagner Plumbing Co., contacted me for a quote for an excavation permit to excavate the sanitary lateral for 2542 S. 83 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 no city involvement is suspected and that it appears to be mostly tree roots in the existing lateral.

04/13/09

Gene Wagner Plumbing Co., was issued Excavation Permit # 5748 from the city to replace a sanitary lateral at 2542 S. 83 St. The fee for the permit was \$70.00 and a deposit of \$553.00 was taken.

04-16-09

Gene Wagner Plumbing Co., exposed the sanitary lateral wye connection to the main for 2542 S. 83 St. I observed that the bell section of the wye connection was cracked and broken. There was a sweeping 45 degree bend that connected to the wye. The bend into the wye was at a slight skew than the wye angle and the joint between the bend and wye wasn't completely tight. A concrete collar was found surrounding most of connection of the bend and wye but not entirely around the joint. The section of broken wye bell was that part of the joint missing the concrete collar. Gene Wagner Plumbing Co., worked on completing the lateral portion of pipe bursting and pulling new pipe material for the lateral. No work was completed on the sanitary main or connection.

04-21-09

Gene Wagner Plumbing Co., completed a sanitary spot relay with a sanitary lateral reconnect for 2542 S. 83 St. and backfilled the trench with an aggregate slurry mix then prepared the asphalt surface by sawing the edges.

04-27-09

Gene Wagner Plumbing Co., completed pavement restoration with Hot Mix Asphalt and reopened the road for public use.

CONCLUSIONS/RECOMMENDATIONS

It is my opinion that a failure at the direct connection or wye to the sanitary main existed at 2542 S. 83 St. I've concluded that the broken wye caused a slow-draining condition for the resident at 2542 S. 83 St.

I am recommending a payment to Gene Wagner Plumbing Co., of \$ 1,661.83, which is the amount of the notice of claim by Gene Wagner Plumbing Co., on the Invoice dated April 27, 2009.

cc (via email): Joseph Burch
Michael Scherer
Attachment

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

RECEIVED
APR 28 2009
CITY OF WEST ALLIS
ENGINEERING DEPT

Date: April 27, 2009

Job Number: 67910

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

Job Address: 2542 So. 83rd St.

Description of Work: Replaced wye in sanitary sewer main.

2' - 8" PVC pipe	9.06
2 - 8" Clay x PVC ferncos	60.82
1 - 8 x 6 Gasket PVC wye	84.45
Slurry	195.00
Part Dump Ticket	30.00
Backhoe	100.00
Plumbers Service 10 ¾ Hours @110.00	1,182.50

	\$1,661.83

Balance Due: \$1,661.83

