



CITY OF URBANA, ILLINOIS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

MEMORANDUM

TO: Mayor Laurel L. Prussing and Members of the City Council
FROM: William R. Gray, Public Works Director
Bradley M. Bennett, Assistant City Engineer
DATE: March 4, 2015
RE: 2014 Sewer Activity Report Summary

Action Requested

This summary of the 2014 Sewer Activity Report prepared by the Public Works Department is presented for your reference. The full report is available at http://urbanaininois.us/Sanitary_Sewer_System on the City website. The report summary is for informational purposes only and no Council action is required.

Background and Facts

The City of Urbana owns, operates and maintains approximately 102 miles of sanitary sewer and 142 miles of storm sewer. Each year the City performs activities including cleaning, inspections, repairs, and replacement to keep the sewer systems functioning at their optimal capacities. Activities are prioritized based on four criteria that are:

1. Reported basement back-ups and flooding complaints.
2. Identified locations of problematic sewers by City staff.
3. Locations where City is resurfacing or reconstruction streets.
4. High cost repair locations such as sewers under railroads, arterial streets, collector streets, and brick streets.

A summary of the sewer related activities completed by the Public Works Department in 2014 is presented in Table 1.

Seven properties participated in the pavement replacement reimbursement program in 2014, which are shown within Table #2. The number of properties that have participated in the program since 2009 is presented in Figure #1.

**TABLE 1
2014 SEWER ACTIVITIES**

Activity	Quantity	Comments
<u>Rehabilitation Activities</u>		
Sanitary Sewer Pipe Point Repairs	34 l.f.	
Sanitary Sewer Manhole Repairs	5 ea.	
New Sanitary Sewer Manhole Construction	5 ea.	
Storm Sewer Point Repairs	257 l.f.	
Storm Sewer Manhole/Inlet Repairs	21 ea.	
New Storm Sewer Manhole/Inlet Construction	9 ea.	Does not include transportation projects
Sanitary Sewer Full Length Lining	9,218 l.f.	Included Ellis Subdivision
Storm Sewer Full Length Lining	2,846 l.f.	
<u>Maintenance Activities</u>		
Sanitary Sewer Cleaning	78,436 l.f.	
Storm Sewer Cleaning	51,501 l.f.	
Sanitary Sewer Television Inspection	25,535 l.f.	
Storm Sewer Television Inspection	52,782 l.f.	
Inlet and Manhole Cleaning	107 ea.	
Manhole/Inlet Inspections	240 ea.	
Chemical Grease Treatment	31,815 l.f.	Included in sewer cleaning totals
Mechanical Root Treatment	6,420 l.f.	Included in sewer cleaning totals
<u>Sanitary Sewer Blockages</u>		
In Private Service Lines	52 ea.	
In City Owned Mains	64 ea.	
<u>Sanitary Sewer Surcharges</u>		
Reports of Sanitary Sewer Surcharges	20 ea.	
<u>Overhead Sewer Program</u>	7 ea.	
<u>Illicit Connections & Discharges</u>	2 ea.	
<u>Pavement Reimbursement Program</u>	7 ea.	
<u>Hazardous Sump Pump Discharge Elimination</u>	2 ea.	
<u>Private to Public Sewer Conversion</u>	0 ea.	

TABLE #2

2014 PAVEMENT REPLACEMENT REIMBURSEMENT PROGRAM PARTICIPATION

#	Address	Date	Reimbursement	Description
1	705 S. Grove Street	1/2/2014	\$5,000.00	Sewer line collapse under street
2	1902 Anderson Street	1/16/2014	\$1,828.50	Sewer line collapse under street
3	303 E. Oregon	4/30/2014	\$4,459.51	Sewer line collapse under street
4	310 West Washington	6/11/2014	\$5,000.00	Sewer line collapse under street
5	508 East Illinois Street	6/12/2014	\$2,500.00	Sewer line collapse under street
6	506 East Illinois Street	6/12/2014	\$2,500.00	Sewer line collapse under street
7	405 E. Oregon Street	8/12/2014	\$4,626.65	Sewer line collapse under street
	Totals		\$25,914.66	

Figure #1
Sewer Lateral Pavement Reimbursement Program

