



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
Justin M. Swinford, Civil Engineer II
DATE: April 6, 2016
RE: 2015 Sewer Activity Report Summary

Action Requested

This summary of the 2015 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 over 103 miles of sanitary sewer and 144 miles of storm sewer. Each year the City performs activities including cleaning, inspections, repairs, and replacements to keep the sewer systems functioning at their optimal capacities. Activities are prioritized and sorted into the following categories:

1. Basement back-up reports and flooding complaints;
2. Problematic sewers identified by City staff;
3. Areas where the City is performing roadway resurfacing or reconstruction; and
4. High cost repairs 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 2015 is presented in Table #1.

Eight properties participated in the pavement replacement reimbursement program in 2015, as shown in Table #2. The history of participation in the pavement replacement reimbursement program since 2010 is presented in Figure #1.

**TABLE #1
2015 SEWER ACTIVITIES**

Activity	Quantity	Comments
<u>Rehabilitation Activities</u>		
Sanitary Sewer Pipe Point Repairs	127 l.f.	
Sanitary Sewer Manhole Repairs	7 ea.	
New Sanitary Sewer Manhole Construction	3 ea.	
Storm Sewer Point Repairs	745 l.f.	
Storm Sewer Manhole/Inlet Repairs	10 ea.	
New Storm Sewer Manhole/Inlet Construction	8 ea.	Does not include transportation projects
Sanitary Sewer Full Length Lining	8,410 l.f.	2015 Project to be completed in 2016
Storm Sewer Full Length Lining	2,418 l.f.	2015 Project to be completed in 2016
<u>Maintenance Activities</u>		
Sanitary Sewer Cleaning	73,251 l.f.	
Storm Sewer Cleaning	37,558 l.f.	
Sanitary Sewer Television Inspection	13,037 l.f.	
Storm Sewer Television Inspection	35,188 l.f.	
Inlet and Manhole Cleaning	136 hrs	
Manhole/Inlet Inspections	94 ea.	
Chemical Grease Treatment	31,845 l.f.	Included in sewer cleaning totals
Mechanical Root Treatment	0 l.f.	
<u>Sanitary Sewer Blockages</u>		
In Private Service Lines	21 ea.	
In City Owned Mains	27 ea.	
<u>Sanitary Sewer Surcharges</u>		
Reports of Sanitary Sewer Surcharges	28 ea.	
<u>Overhead Sewer Program</u>		
	4 ea.	
<u>Illicit Connections & Discharges</u>		
	2 ea.	
<u>Pavement Reimbursement Program</u>		
	8 ea.	
<u>Hazardous Sump Pump Discharge Elimination</u>		
	2 ea.	
<u>Private to Public Sewer Conversion</u>		
	0 ea.	

TABLE #2
2015 SEWER LATERAL PAVEMENT REIMBURSEMENT PROGRAM PARTICIPATION

#	Address	Date	Reimbursement	Description
1	205 N. Gregory Street	1/23/2015	\$1,170.08	Sewer line collapse under alley
2	410 W. California	4/6/2015	\$5,000.00	Sewer lateral collapse
3	308 S. Johnson	5/6/2015	\$5,000.00	Discovered illegal connection to storm sewer
4	1712 East Fairlawn	5/12/2015	\$5,000.00	Sewer lateral collapse
5	1303 East Fairlawn	5/22/2015	\$5,000.00	Sewer lateral collapse
6	804 W. Delaware Street	5/27/2015	\$620.00	Sewer lateral collapse under sidewalk
7	1002 E. California	6/8/2015	\$5,000.00	Sewer lateral collapse under street
8	1602 N. Lincoln Ave.	9/18/2015	\$5,000.00	Sewer lateral repair under pavement
Total			\$31,790.08	

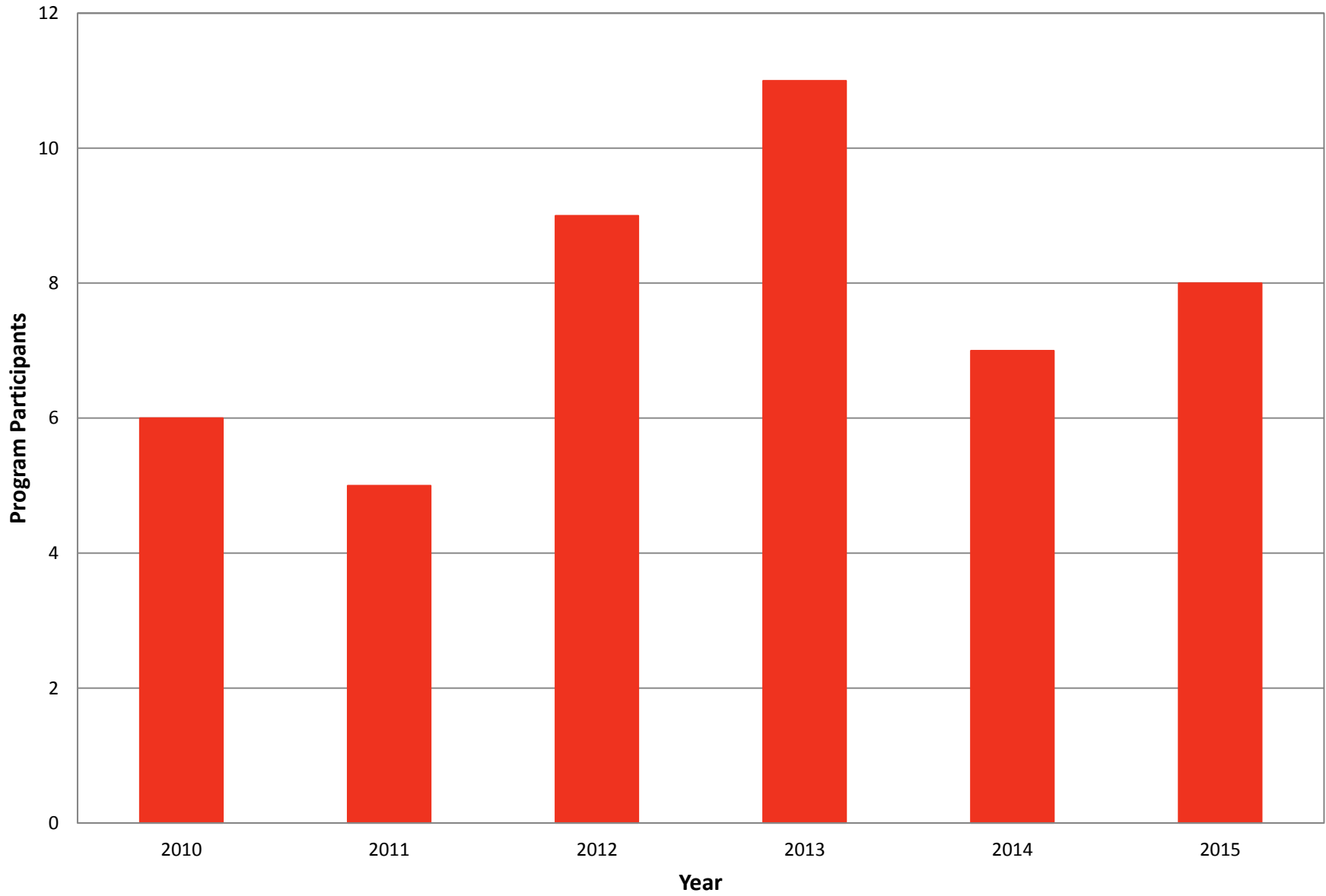


Figure #1
Sanitary Sewer Lateral Pavement Reimbursement Program