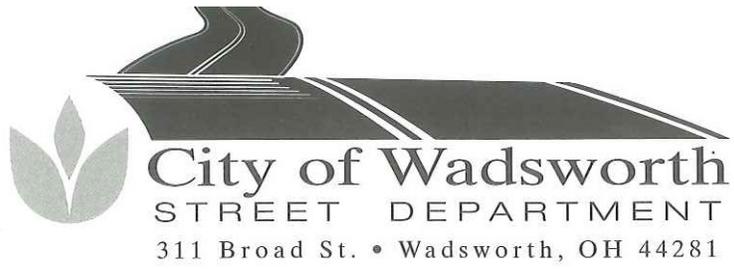


2014 ANNUAL REPORT



2014 STREET AND STORMWATER DIVISION
ANNUAL REPORT

TABLE OF CONTENTS	1
INTRODUCTION	2
ORGANIZATIONAL CHART	3
EMPLOYEES IN THE DIVISION	4
SNOW AND ICE REMOVAL	5
SNOWFALL CHART	6
SNOW AND ICE HOURS CALLOUT vs REGULAR HOURS	7
CROSSWALKS	8
MAILBOX REPAIRS	9
WOOD AND LEAF RESIDUAL PROCESSING	10 - 11
SPRING CLEAN UP	11
STREET REPAIRS	12 - 13
CRACK SEALING	10 - 11
GENERAL ROAD and ROADSIDE MAINTENANCE	15 - 17
CATCH BASINS	18
ANIMAL CONTROL	18 - 20

STREET, STORMWATER AND ANIMAL CONTROL DIVISION

Typically referred to as the “Street Department”, from the actual title we wear a few different hats within the operation of the City. From the long list of operations that we perform or are tasked with only a few are ever fully observed by the public: Snow & Ice removal, General Street Maintenance, Leaf Pick-up and Storm Sewer Maintenance.

Not only are our tasks interdepartmental, but we also assisting a variety of the other city departments in some daily tasks. Though we set forth with a daily schedule, it has been proven time and time again, that it can change instantly with one phone call or upon a weather related event. A big factor in completing these various daily and changing tasks, is having a wide range of skilled personnel who can change with the tasks effectively.

I will strive to compile complete data for the years to come. As I become more aware of outside data that can be useful to the daily operation here, I will implement them.

In the past year, I have seen The Street Departments commitment, dedication and pride strengthen. As this continues in todays’ economic situation, I hope we can continue maintaining our responsibility to the citizens of Wadsworth.

I would like to thank the Street Department personnel for their hard work and dedication this past year. With 2015 upon us, we look forward to the new projects and new tasks that will be at hand.

Steve Trzcinski
Street Superintendent

ENGINEERING SERVICES DIVISION

EMPLOYEE LIST - 2014

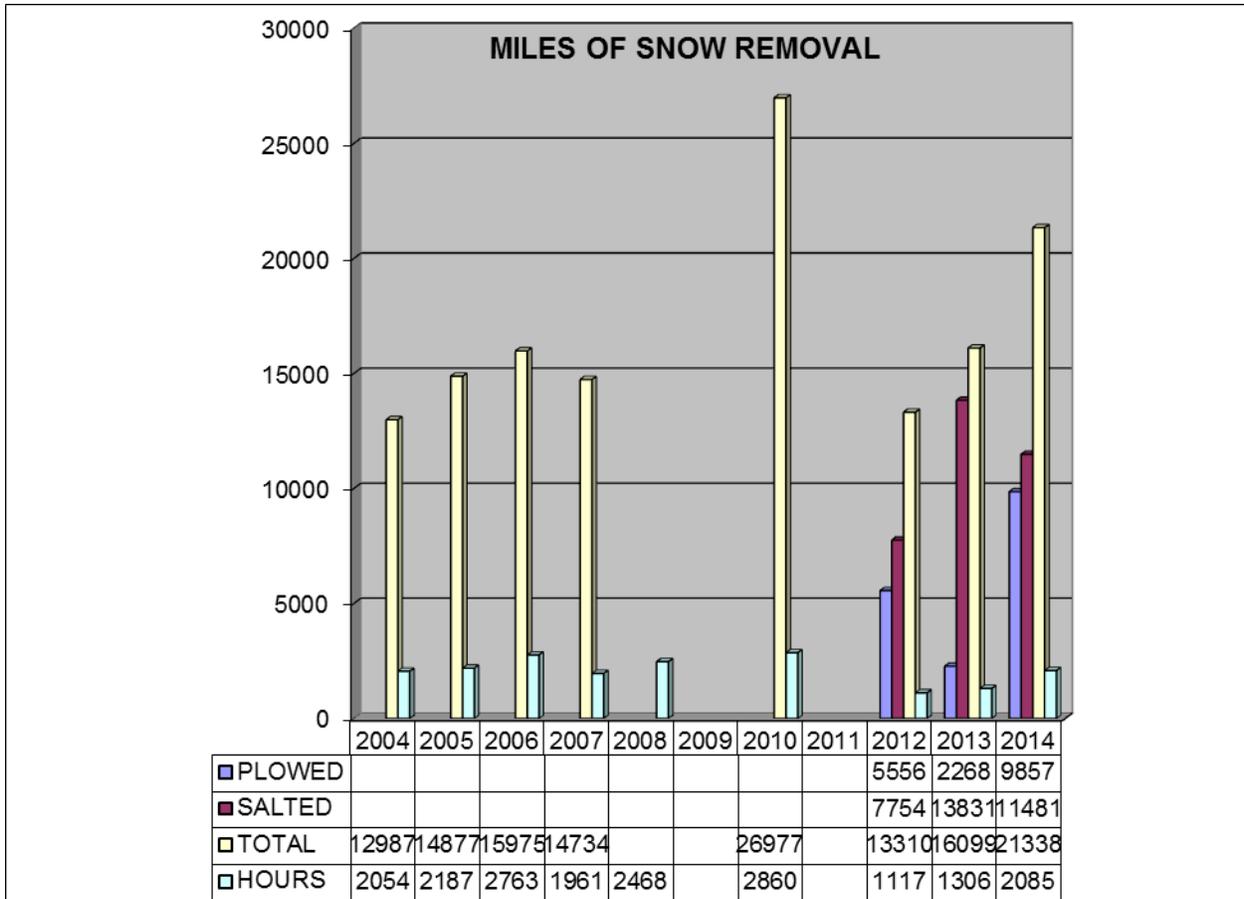
STREET MAINTENANCE DIVISION

<u>NAME</u>	<u>TITLE</u>	<u>YEARS SERVICE</u>
STEVE TRZCINSKI	STREET SUPERINTENDENT	5
LOUISE MAHER	ADMINISTRATIVE ASSISTANT	14
DOUG SNYDER	EQUIPMENT OPERATOR II	33
SCOTT HECKEL	EQUIPMENT OPERATOR II	20
JERRY ROOKS	EQUIPMENT OPERATOR	15
MIKE SANDRIDGE	EQUIPMENT OPERATOR	15
TODD SHREVE	EQUIPMENT OPERATOR	14
DAN FREEMAN	EQUIPMENT OPERATOR	14
PHIL ARNDT	EQUIPMENT OPERATOR	9
DAVID O'CONNOR	EQUIPMENT OPERATOR	9
ROBERT NIXON	MAINTENANCE WORKER	8
JONATHAN BELLACK	EQUIPMENT OPERATOR	7
BRYAN SHRIVER	EQUIPMENT OPERATOR	7
JOHN CERNE	EQUIPMENT OPERATOR	7
CLAYTON LOGUIDICE	MAINTENANCE WORKER	0.5
NICOLAS HAIGH	MAINTENANCE WORKER	0.5
DENNIS SMITH	DOG WARDEN/MAINTENANCE	23

2014 SNOW & ICE REMOVAL

SALT	2,104 TONS
CINDERS	0 TONS
ICE MELTER	3,050 LBS
MILEAGE	
SALTING	11,481 MILES
PLOWING	9,857 MILES
TOTAL	21,338 MILES
HOURS WORKED	2,085 HOURS

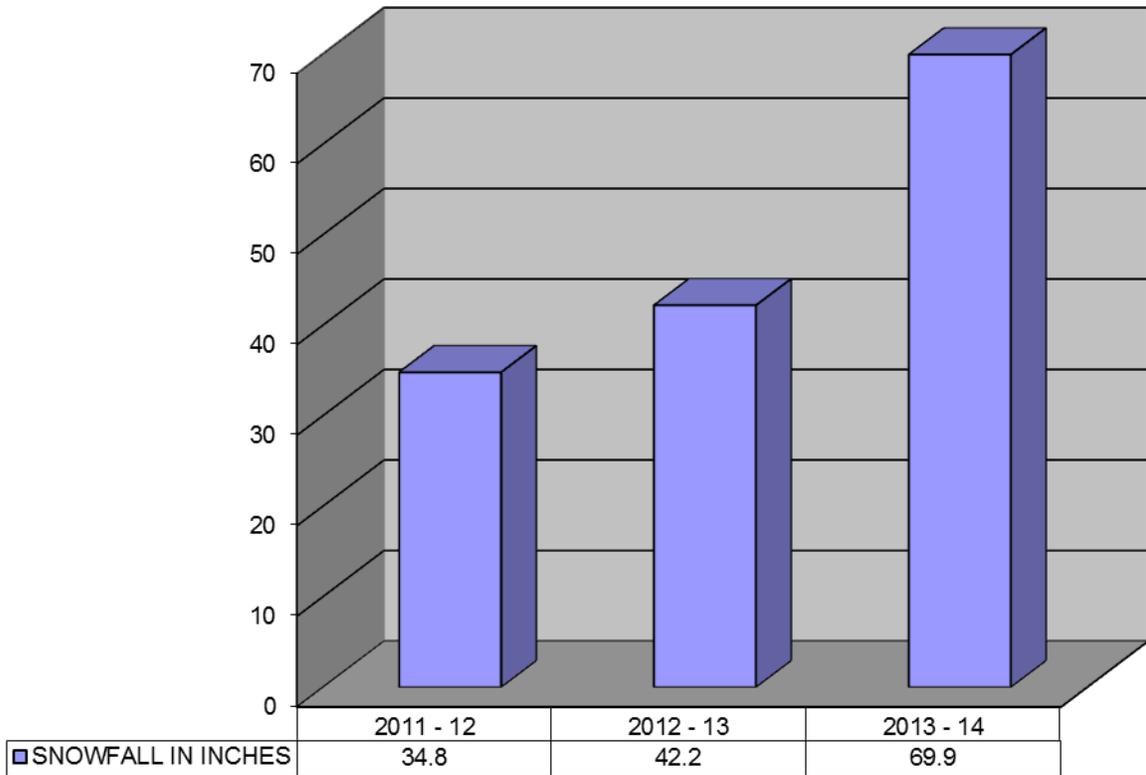
(0.18 tons per mile or 366.5 lbs per mile salted)

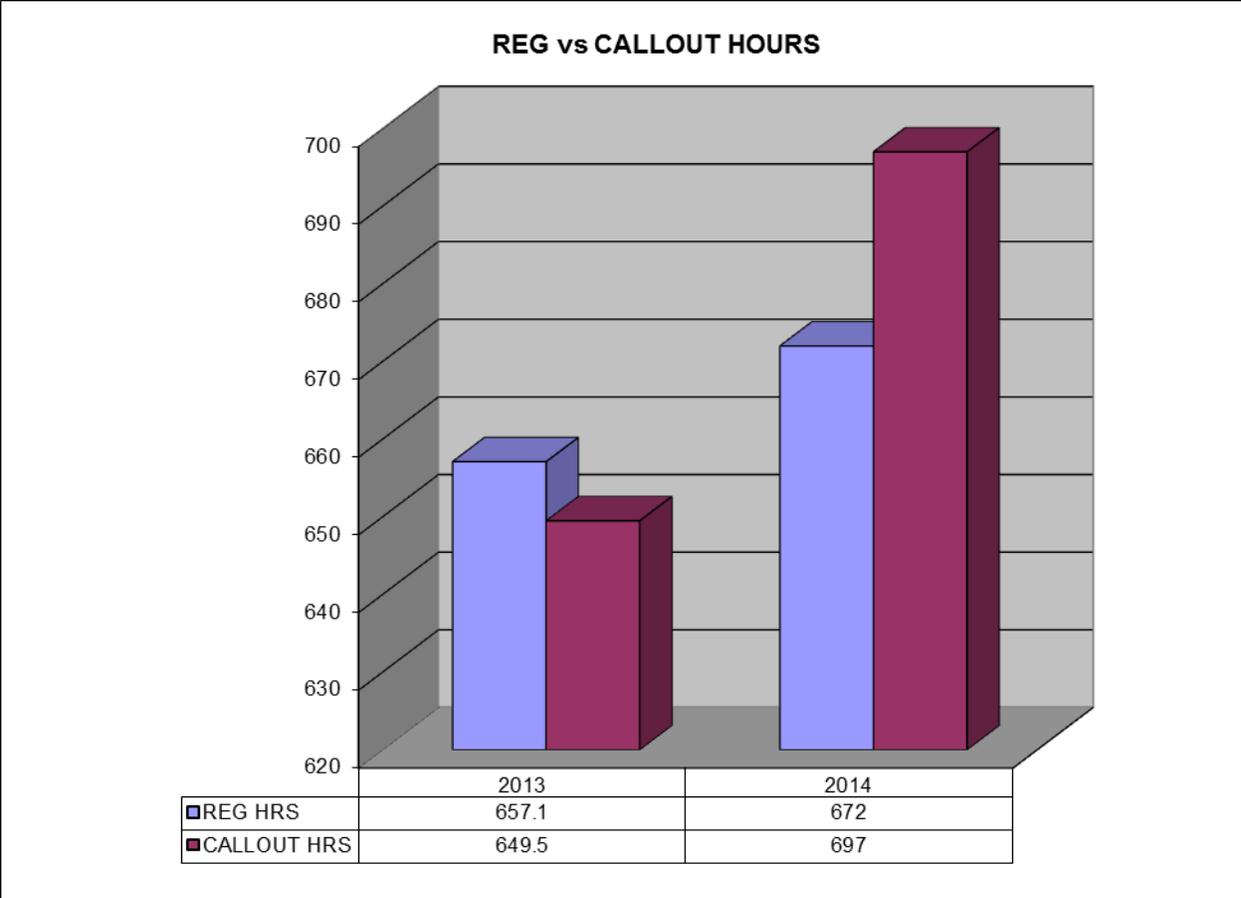


Salt was bid through a Co Op, CUE, for 2014. Our bid price for roadway salt was \$39.84 per ton dumped and \$43.84 per ton conveyed. During the season the City spent \$148,075 on roadway salt. Throughout the snow season, for each snow event, the average time for a driver in the truck was 5.5 hours. During that time, they drove an average of 47.4 miles and used 0.18 ton of salt per mile.

This year we not only saw an increase in the amount of snowfall, but also faced multiple spans of extended temperatures in the single digits and below zero. During these times it can prove difficult for the removal of snow as the cold is hard on equipment and also the properties of salt slows down. Even when Calcium Chloride is added.

YEARLY SNOWFALL TOTALS





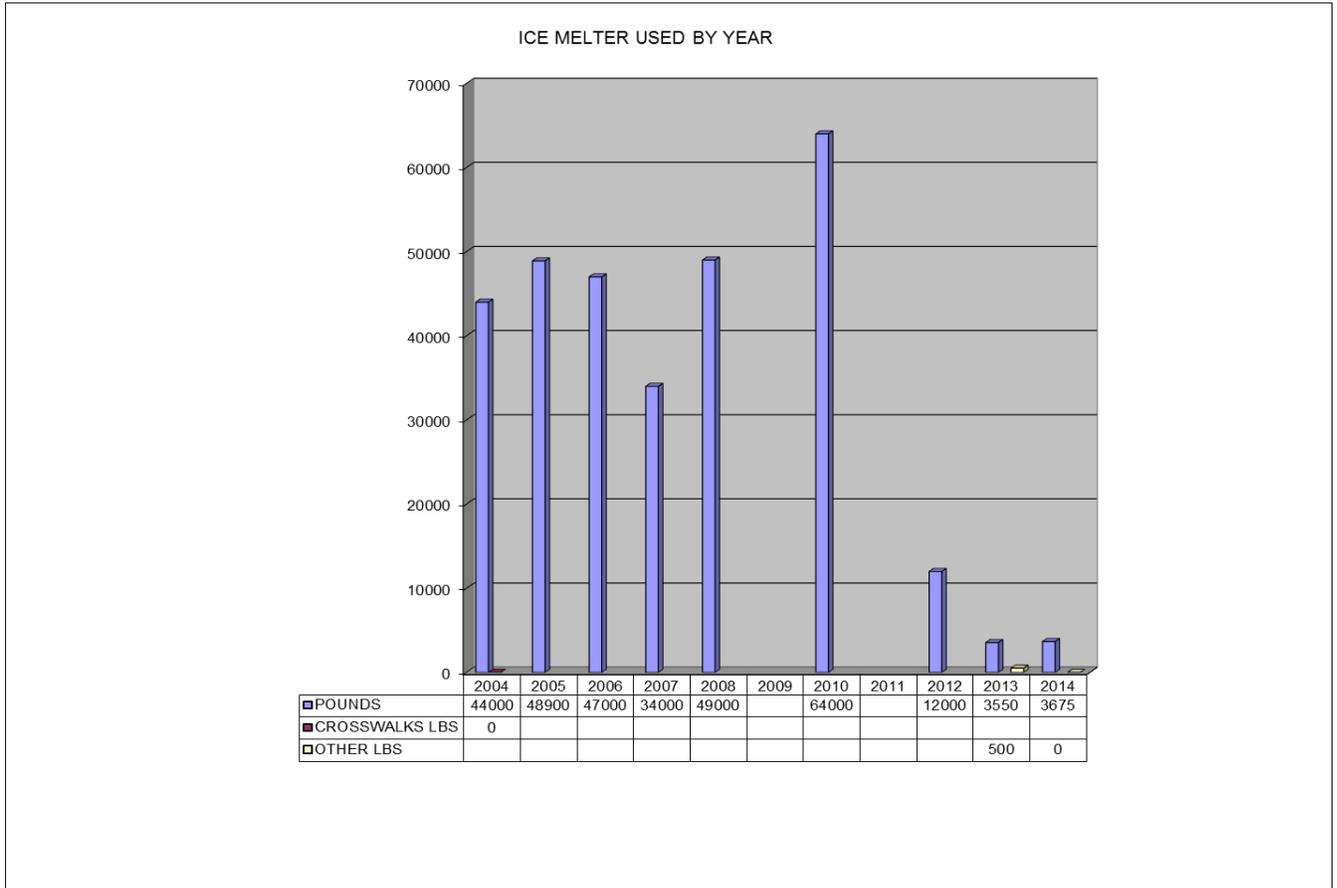
The hours represented in the graph above reflect actual hours worked for Snow & Ice removal. Using the average hourly wage in the department without benefits of \$23.20 per hour, the City spent \$15,590.00, for the year during a normal scheduled work day.

In general, a winter Callout consists of 3 personnel. In 2014 there were 37 Callouts for Snow & Ice removal. Considering the hours worked is now being paid as overtime (1 ½ x the hourly rate) and also with the Callout benefit, the City spent \$31,981.2, for Snow & Ice Callouts in 2014.

CITY AND SCHOOL CROSS WALKS

Snow removal and the salting of the crosswalks are done throughout the downtown and Main/State Street areas. The Street Department also takes care of all the school crosswalks in the city. In cleaning the crosswalks, the Street Dept used 3,675 pounds of Ice Melter.

138.5 HOURS

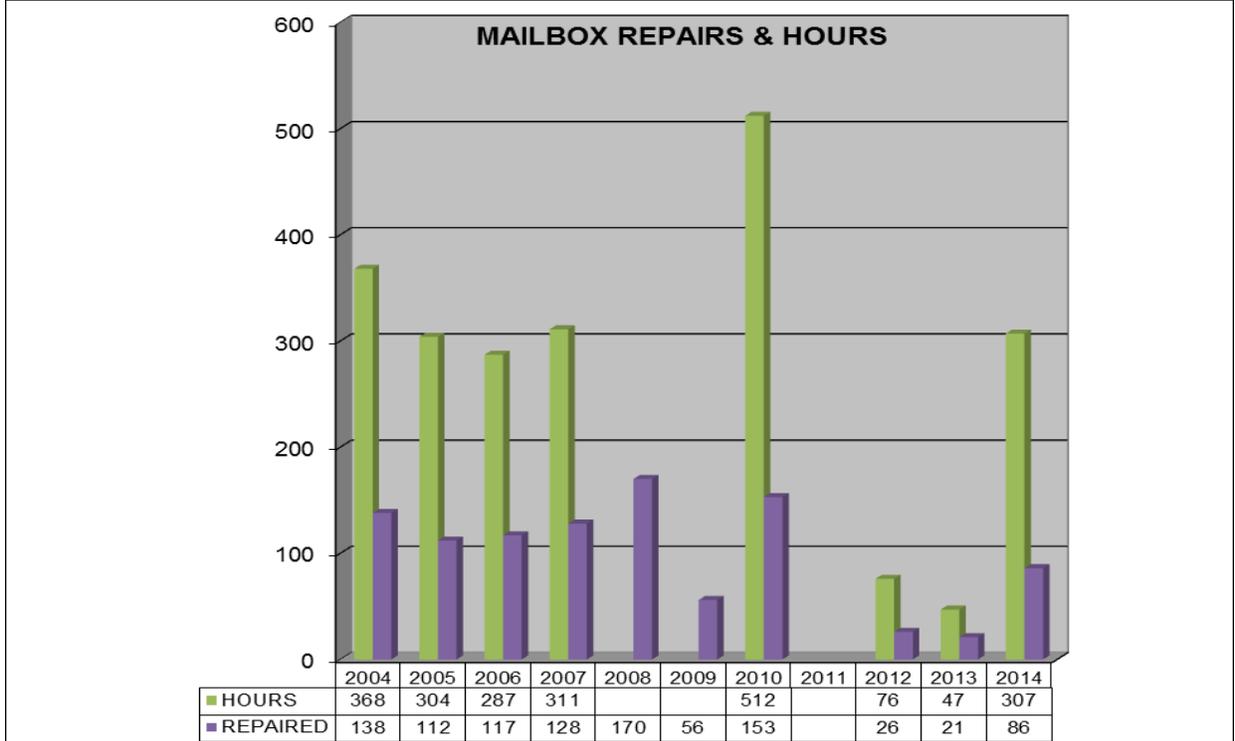


MAILBOX REPAIRS

The Street Department also repairs and replaces all mailboxes that are damaged during snow removal. Though it is generally the public perception that they are hit by the snowplow, this is not always the case. Most of the time it is the weight and force of the snow coming off the plow. Depending on the condition of the mailbox, prior to replacing it, we generally repair it to make it operational, then come back in the spring and replace it.

86 Mailboxes

307 HOURS

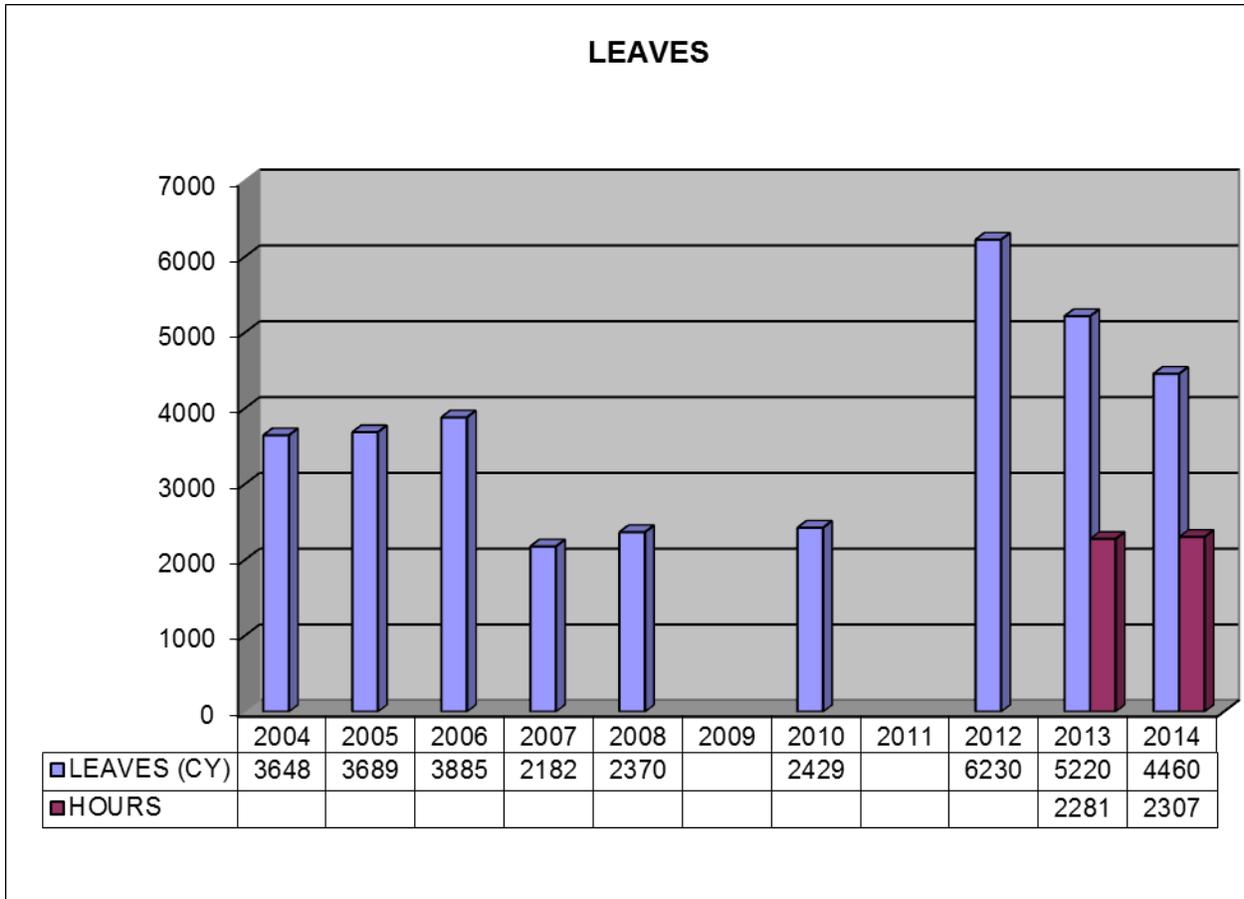


2014 WOOD/LEAF RESIDUAL PROCESSING

This year the city was contacted by Smith Brothers from Medina, Ohio, for the removal all tree and leaves that were picked up at no cost to the city. The trees and leaves would be shredded and chipped and mulched. Smith Brothers keeps track of the amount of leaves taken and reports them to the Street Department. The quantity they report is the same quantity they use to report to the EPA.

Leaf Pickup

4,460 C.Y.
2,307 HOURS

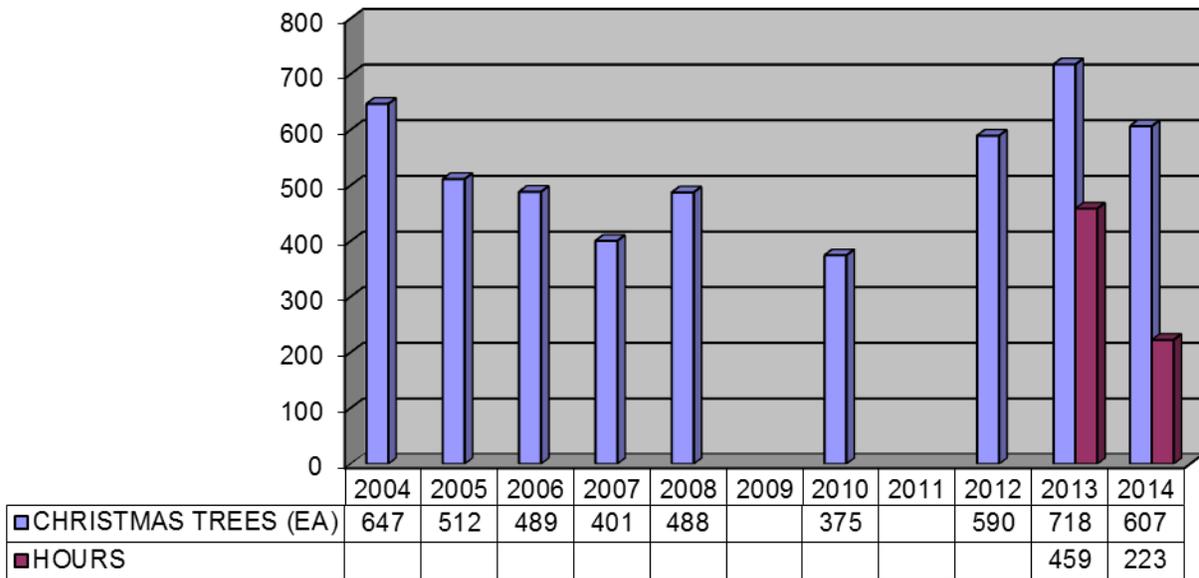


The leaves were picked during the months of October and December. Trees were picked up during the month of January.

Christmas Tree Pickup

607 TREES
223 HOURS

CHRISTMAS TREES



2014 SPRING CLEAN UP

Traditionally the Street Department would have a set number of crews come in at midnight and work until the morning. With the implementation of stricter guidelines as to what items/materials the homeowners can put out, our start time was changed to an early morning start. By doing this, less hours were used for clean up and it also allowed for more personnel to be present during the normal working hours of the department.

A total of 3 personnel worked the early morning clean up totaling 197.4 hours. During this one week period, the labor cost of the Spring Clean Up was \$4,380.31. During this time, they collected 30.02 tons of trash or approximately 10 loads of the trash truck.

2014 STREET REPAIRS

Concrete Repairs

This year the Street Department repaired 39,690 square feet of concrete. The largest areas of repair were on Cranberry Drive, Valleyview Drive and Pheasant Run. We had an increase of production from last year of over 20,000 square feet.

City Repairs	735 C.Y.
	39,690 SF
	2,334 HOURS
	\$2.44 per SF

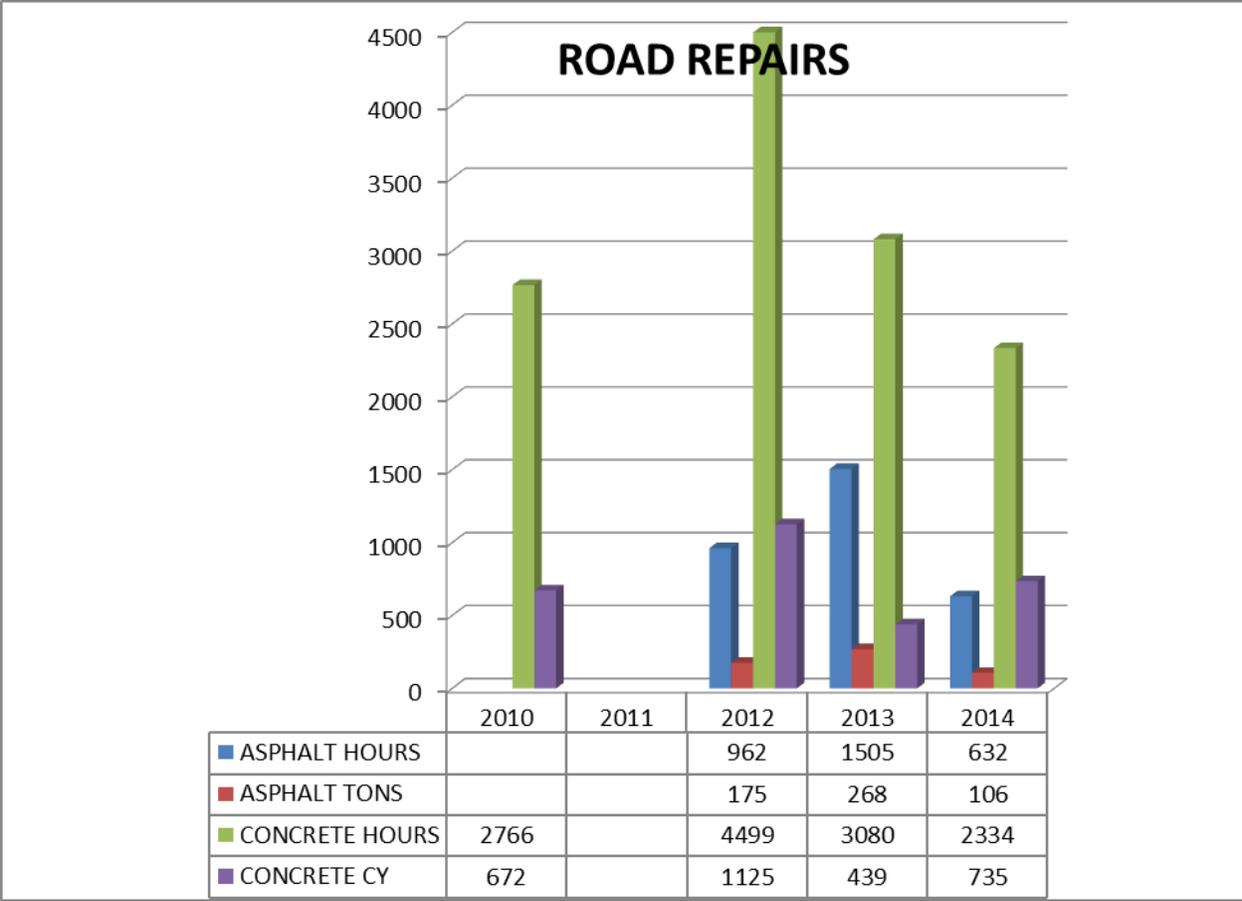
Subcontracted work was performed by AK Construction of 14,023 square feet. When work is subcontracted, the city purchases the concrete at the unit price as shown in the Annual Bid and pays the subcontractor for their labor only. AK Construction performed repair work on Ault Street, Farr Avenue and Oak Street.

Contracted Repair	14,023 SF
	\$4.00 per SF

Asphalt Repairs

Along with concrete replacement, the Street Department also performed partial depth asphalt repairs on South Boulevard, Overlook, Gordon and Baird Avenue.

106 TONS
632 HOURS
\$65.00 Ton



2014 CRACK SEALING

A new approach was taken last year in the Crack Sealing program. The city was divided into 4 sections using the center of town as the central point. From there it was split into the 4 areas using the 4 main streets that intersect at that point. By doing this, the city will now be in a 4 year rotation.

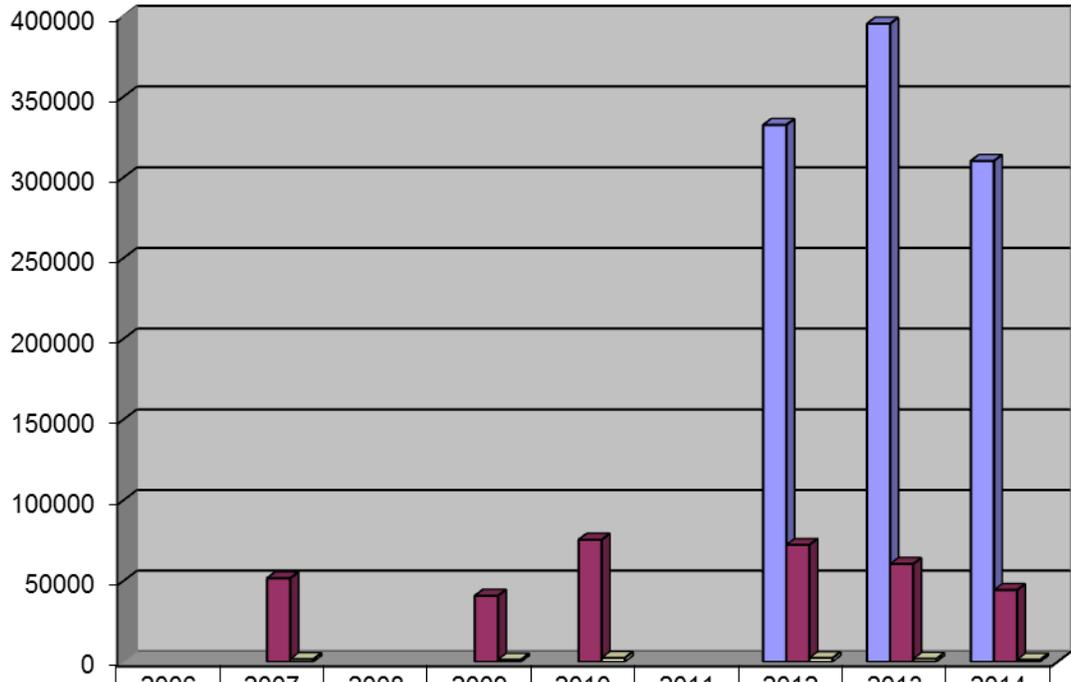
Each section was then driven and rated according to the need for crack fill and also the last year that the street was crack sealed. The starting section was then determined to be the SE section of the city.

This year (2014) the NW section of the city was selected It had 21.3 miles of streets or 310,392 square yards. The cost for material, labor and equipment was \$1.76 square yard.

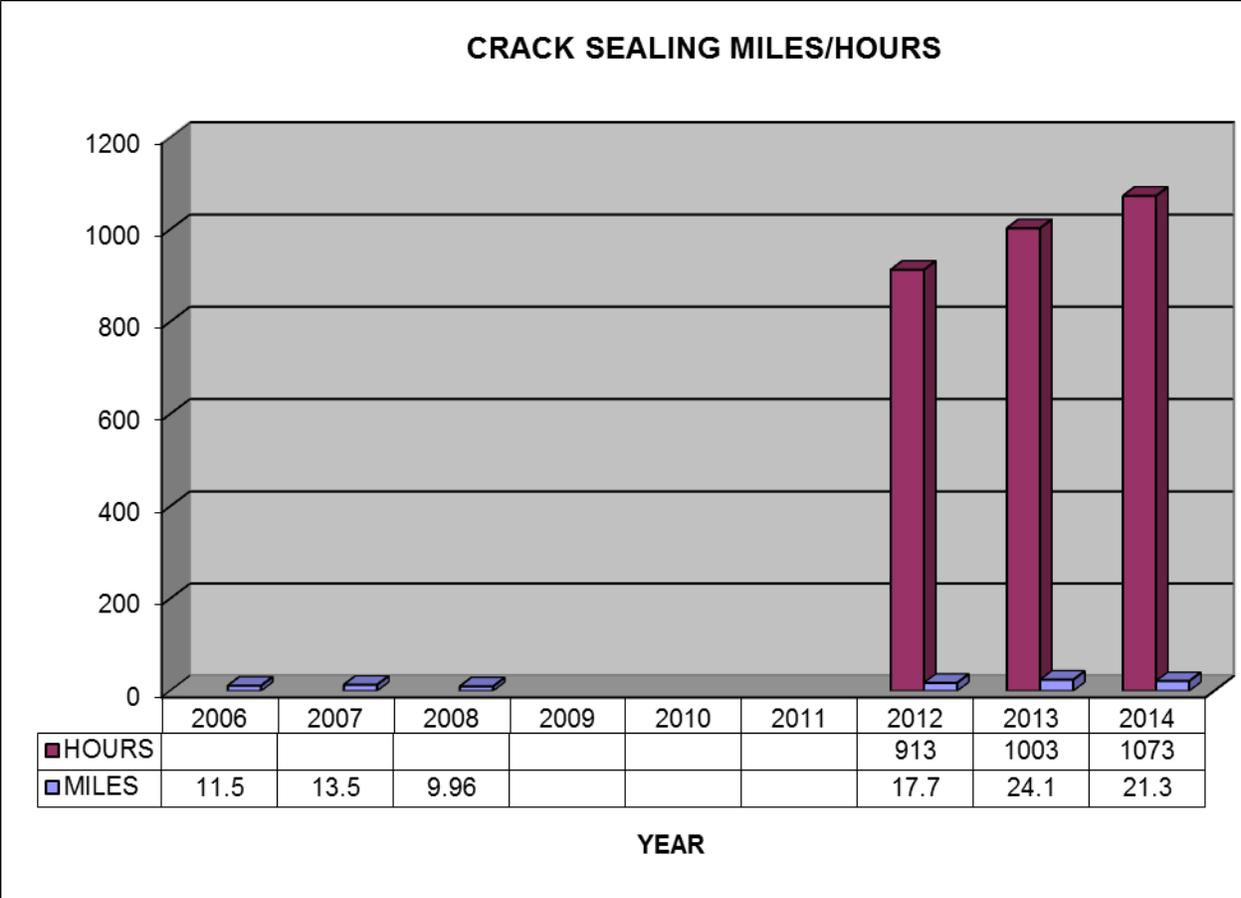
A break down of the process is as follows:

1,073 HOURS
 44,517 POUNDS
 310,392 S.Y.
 21.3 MILES

MATERIALS/SQUARE YARD



	2006	2007	2008	2009	2010	2011	2012	2013	2014
■ SQUARE YARDS							332649	395407	310392
■ POUNDS		51873		40950	75714		72480	60654	44517
■ BLOCKS		1729.1		1365	2523.8		2416	1838	1349



GENERAL ROAD & ROADSIDE MAINTENANCE

General road side maintenance within the Street Department can cover a wide variety categories with an array of operations. We are generally responsible for any situation that may arise within the road right-of-way. If the maintenance category does not fall within the scope of our operation, we do take the liberty to notify the proper utility department or company.

POT HOLE PATCHING

With a colder than normal winter, it took its' toll on the aging streets creating numerous potholes throughout the winter season.

There are two basic materials used in this operation. That being a flexible soft asphalt material called, Cold Patch. The second method that we use is that of spraying a mixture of warm asphalt material and No 9 Limestone, called DuraPatching.

Over the course of the year 1,038 hours were spent patching potholes using Cold Patch and 1,338 hours using Durapatch. The use of the Cold Patch material and equipment is shared between the Street Department and Water Department. During the course of the year using the Durapatch machine, the Street Department used 3,307 gallons of emulsion and 203 tons of Limestone.

BERM

Maintenance of the berm or shoulder area on streets that do not have a concrete curb includes but is not limited to fixing washouts from storms, placing aggregate along the edge of the pavement for stability or when the berm gets

too high, it is cut down to allow water to flow off the road surface into the ditch line. This year 145 hours were spent in Berm Maintenance.

ROAD SIDE MOWING

This year the Street Department completed 3 cycles of Road Side Mowing totaling 133 hours. This operation is generally performed in the open ditch areas of the outlying roadways of the city. The city currently has approximately 13.25 miles of mowing. Currently the city only has one tractor equipped with a boom mower.

DITCHING

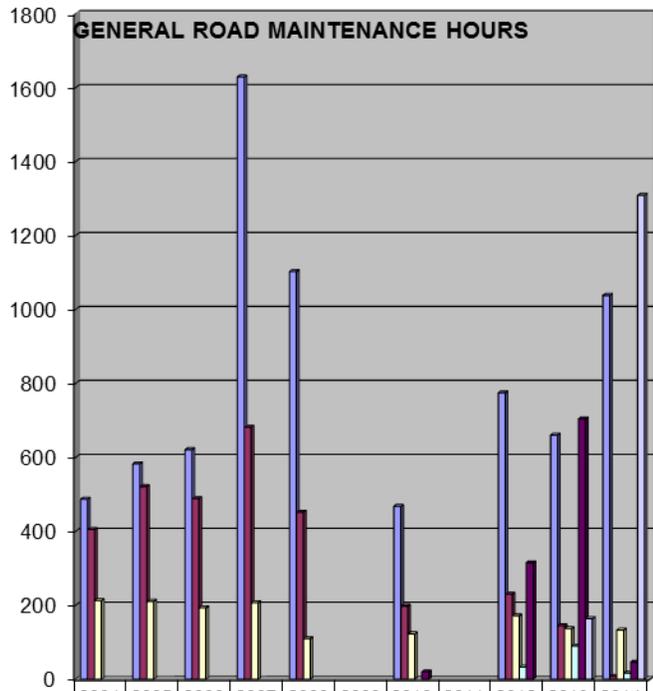
To help ensure the proper roadway drainage and also potential storm lateral backups, the city cleans and reshapes the open ditches.

SIGNS & STRIPING

A large majority of the city street signs are all manufactured, maintained and installed by Street Department personnel. Total hours of work in this area was 850 hours.

During the summer the Street Department spent 720 hours repainting the pedestrian crosswalks, turn arrows, curb areas for no parking and stop bars at a wide variety of intersections.

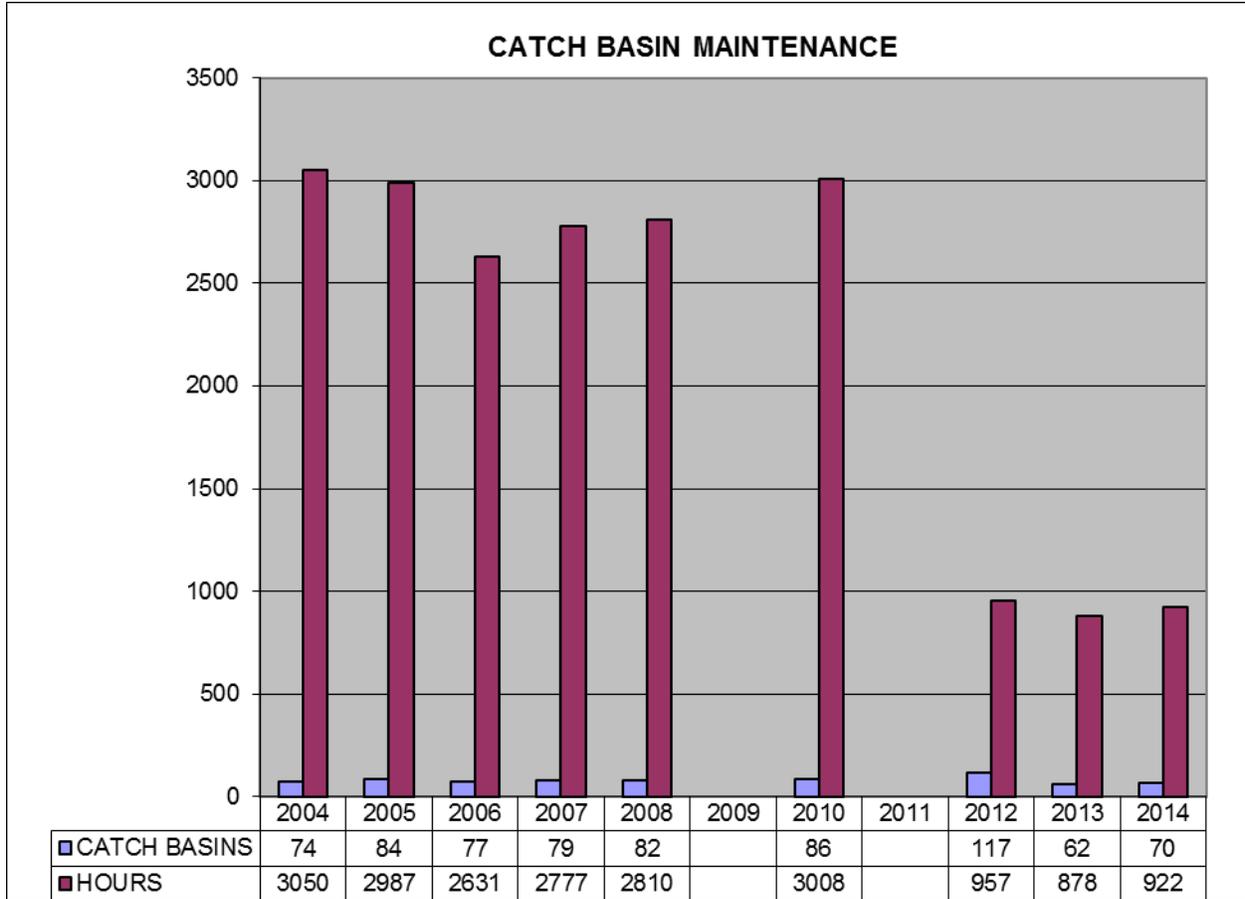
In addition to the striping completed by the Street Department, JD Paint Striping was hired by the City to paint all the City's centerline, edgelines, channelizing lines and lane divider lines. This work was completed in 3 days, at a rate of \$604, per mile. There is approximately 45 miles of striping to be completed.



	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
■ POT HOLES	487	583	621	1629	1103		468		775	660	1038
■ BERMING	405	521	489	682	452		198		230	145	8
■ MOWING	213	211	193	207	110		123		172	137	133
■ GUARD RAIL									33	90	17
■ DITCHING							20		315	704	46
■ DURAPATCHER										164	1309

CATCH BASINS

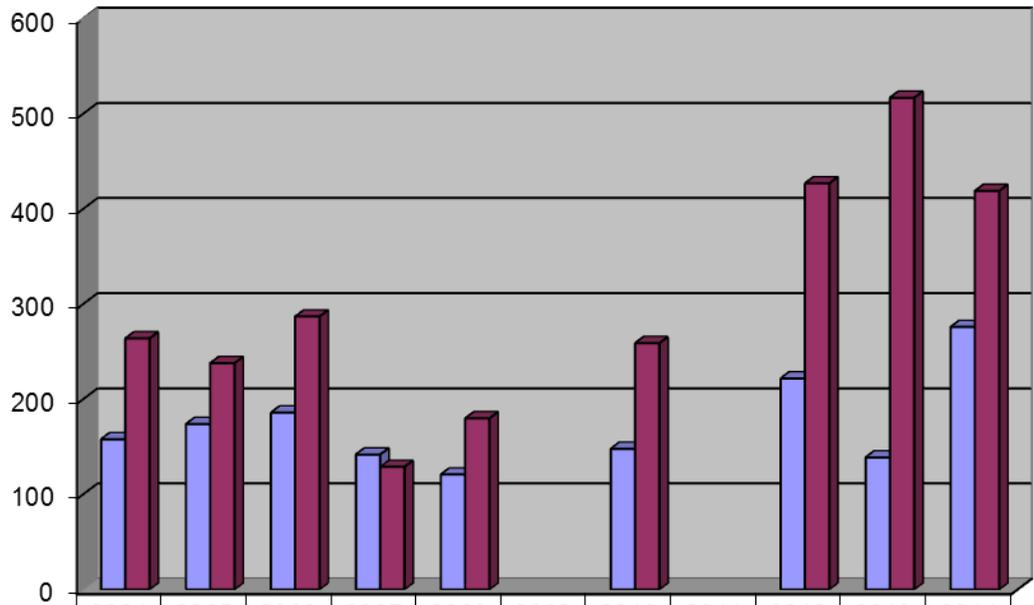
Generally from May to August the Street Department Catch Basin rebuild/replacement projects start. Typically the crew consists of one full time employee and approximately 4 summer students. This year they maintained 70 catch basins in various locations throughout the city totaling 922 hours.



ANIMAL CONTROL

The Dog Warden is not only responsible for patrolling for loose/stray dogs, but for housing, exercising, and feeding the dogs until either the owner claims them or they are turned over to the Animal Shelter in Medina. He also responds to the collection of dead animals on the City streets, assists the Police Department with animal calls and when needed, assists the S.P.C.A. in checking the welfare of animals.

DOGS & ANIMALS



■ DOGS HANDLED	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
■ ANIMALS	264	238	287	129	180		259		427	517	419

