

CITY OF LEAWOOD
PUBLIC WORKS DEPARTMENT
STREET DIVISION
2014 ANNUAL YEAR END REPORT

RECEIVED

JAN 14 2015

PUBLIC WORKS

STREET DIVISION YEAR END REPORT

TABLE OF CONTENTS

CREW SUMMARIES	PAGE
CONCRETE CREW	1
ASPHALT CREW	2
ACTION CREW	4
SIGN DIVISION	5
STORMWATER CREW	8
STREET SWEEPING CREW	9
MAINTENANCE PROGRAMS	
SNOW REMOVAL	10
LEAF COLLECTION	11
CRACKFILLING	12
SLURRY SEAL	13
SUMMARY OF TASKS AND HOURS	
DESCRIPTION OF WORK CATEGORIES	14
HOURS SPENT AT EACH CATEGORY	16
OVERTIME AND COMPENSATION HOURS	19
YEAR END COMPARISONS	21

CREW SUMMARIES

CONCRETE CREW

The Concrete Crew is responsible for the repair and maintenance of all City owned curbing, sidewalks, traffic islands, and other concrete structures located within the City right of way. Leaf vac operation in the fall is also performed by this crew.

In 2014 the concrete crew consisted of the following personnel.

** indicates employee is no longer employed by the City of Leawood.

Senior Crewleader	Trevor Davis
Maintenance Worker II	Ronald Harper
Maintenance Worker II	David Young
Maintenance Worker I	William Denzer
Maintenance Worker I	Danial Hunt
Maintenance Worker I	Tyler Hermanson

Maintenance Worker I	**Andrew Hardy
Maintenance Worker I	**Doug Bowers
Maintenance Worker I	**Christopher Vaughan

The Concrete Crew completed the following tasks in 2014:

Replaced 3533 lineal feet of curb	3,897.00 Total Work Hours
Replaced 130 lineal feet of sidewalk	218.25 Total Work Hours

TOTAL CONCRETE USED	317.75 Cubic Yards
---------------------	--------------------

ASPHALT CREW

The 2014 Asphalt Crew consisted of the following employees.

Crewleader II	Paul Dunn
Maintenance Worker Senior	David Creviston
Maintenance Worker Senior	Logan Stites
Maintenance Worker II	Scott Sloan
Maintenance Worker I	Bret Barnett

The Street Repairs are divided into six categories:

- 1 **STREET RECONSTRUCTION** 112.76 Tons 196.00 Work Hours
This repair method involves removing and rebuilding the sub-base, installing underdrains when necessary, and placing a new surface.
- 2 **MILLING/RESURFACING** 1,432.02 Tons 3,288.00 Work Hours
This repair method involves milling the failed surface to a depth of two to four inches and placing a new surface.
- 3 **CURBFILL** 533.31 Tons 1,146.00 Work Hours
Replacing the asphalt in front of new curbs that have been replaced by City crews. In some areas this requires minor milling to match the existing pavement.
- 4 **POTHoles** 33.51 Tons 679.50 Work Hours
Filling Potholes.
- 5 **PROJECTS** 190.95 Tons 218.00 Work Hours
Includes work done on City property.
- 6 **CRACKFILLING** 43,325.00 Pounds 1,711.25 Work Hours
Sealing cracks in the street right of way to prevent moisture damage.

ASPHALT USE

Below is a description of how the asphalt was used in 2014:

Repair Type:	Tons
Asphalt Reconstruction	112.76
Milling Repair	1,432.02
Curbsfill	533.31
Potholes	33.51
Projects	190.95
Total	2,302.55

Type of Asphalt Used:

Fine mix (BM-1)	572.20
Surface mix (BM-2)	1,516.26
APWA Type III	200.12
Base mix (BM-2B)	10.52
Cold Patch	3.45
Total	2,302.55

Type of street repair:

Arterial	50.88
Collector	37.21
Residential	2,043.54
City Facility	165.89
Park Trail	5.03
Total	2,302.55

ACTION REQUEST CREW

Their primary duty is to respond to Action Requests, complete maintenance requests, replace sidewalks, perform other asphalt and concrete projects, core sampling asphalt pavement, and pavement markings.

In 2014 the Action Request Crew consisted of the following personnel.

Crewleader II	Bill Porter
Heavy Equipment Operator II	Ryan Hays
Heavy Equipment Operator II	Jackie Corcoran
Maintenance Worker Senior	Damian Jones

SIDEWALK

Total work hours for sidewalk	1,499.00 Work Hours
Total lineal feet of sidewalk done	1,272.00 Lineal Feet
Total concrete used	85.50 Cubic Yards

PAINT STRIPING

982.25 Work Hours

Pavement markings including center and edge markings, crosswalks, stop bars, and turning lanes. The crew used 1,100 gallons of yellow paint, 550 gallons of white paint, and 8,000 pounds of glass beads.

CORE DRILLING

0.00 Work Hours

Prior to street reconstruction, a sample of the layers of pavement are taken to determine the strength and durability by drilling a 6 inch diameter sample of street pavement to a depth of 3-11 inches.

RIGHT OF WAY

550.00 Work Hours

This work includes sod replacement, guard rail replacement, storm sewers, sand blasting graffiti, brush removal, and any other activity in the City right of way. This total includes some work done by other crews.

ASSISTING PUBLIC WORKS CREWS

197.00 Work Hours

This includes assisting Sign and Fleet Maintenance crews. All other assistance will be included in the hours for the kind of work done.

MISCELLANEOUS

597.50 Work Hours

Includes hauling material to landfill and restocking dirt and rock supplies for Public Works projects. This includes some work done by other crews.

SIGN DIVISION

The Sign Department is responsible for the installation and repair of all street and traffic signs within the City. This includes the placing and removal of the "Temporary No Parking" signs. The department also fabricates all of the City's street identification signs along with many of the City's "special" signs. The placement of traffic counters and the processing of traffic counter data are performed by the Sign Department.

In 2014, the Sign Department installed approximately one thousand three hundred one (1,301) signs. Most of these were a part of our Retroreflectivity Program – an effort to upgrade our signs to MUTCD standards. Some of these were replacements for signs that were vandalized, damaged or missing.

Our "Temporary No Parking" signs program received 906 requests in 2014. The program costs were as follows:

Materials (signs and stakes)	\$ 2,491.78
Regular Man Hours	38,035.02

Total cost for this program was	\$40,526.80
---------------------------------	-------------

SIGN DIVISION

ITEM	MUTCD	QUANTITY	COST
TELESPAR POSTS (10')	NA	192	\$5,404.80
TELESPAR POSTS (6')	NA	21	413.70
TELESPAR POSTS (11')	NA	11	319.55
TELESPAR POSTS (12')	NA	1	30.70
		Total Post Cost	\$6,168.75
STOP SIGNS (30" x 30")	R1-1	7	\$255.08
YIELD SIGNS (36"x36"x36")	R1-2	4	102.68
SPEED LIMIT SIGNS (24" x 30")	R2-1	8	247.04
NO LEFT TURN SIGN	R3-2	1	16.20
NO U-TURN SIGN	R3-4	1	26.00
LEFT LANE MUST TURN LEFT SIGN 30"	R3-7	2	70.88
RIGHT LANE MUST TURN RIGHT SIGNS 36"	R3-7	2	107.12
KEEP RIGHT SIGNS	R4-7	2	59.50
DO NOT ENTER SIGNS	R5-1	2	60.00
NO TRUCKS SIGN	R5-2	1	16.20
ONE WAY SIGNS (36" x 12")	R6-1	2	32.20
NO PARKING SIGN (24" x 24")	R8-3	1	25.27
HANDICAP PARKING (12"x18")	NA	2	23.10
VAN ACCESSIBLE PLATE (12" x 6")	NA	1	4.42
\$50 TO \$300 FINE PLATES (12" x 6")	NA	2	8.84
SIDE ROAD SIGN	W2-2	1	41.00
DOUBLE ARROW SIGN	W12-1	1	30.00
NO OUTLET SIGN (60" x 18")	W14-2P	1	55.00
OBJECT MARKERS	OM1-3	26	350.74
YELLOW DELINEATORS	OM2-2V	12	24.00
SCHOOL SIGNS (fluorescent yellow green)	S1-1	5	335.00
SCHOOL PLATES	S4-3P	5	64.50
DOWN ARROW PLATES	W16-7P	6	108.00
AHEAD PLATES	W16-9P	4	72.00
ROAD WORK AHEAD (36" x 36" work zone)	W20-1	1	38.40
MAINTENANCE TRUCK PARKING	NA	2	23.10
OFF-LEASH DOG AREA SIGNS (12" x 18")	NA	5	57.75
SMALL DOG AREA SIGN (18" x 12")	NA	1	11.55
OFF-LEASH DOG AREA SIGN (24" x 18")	NA	1	23.10
SERVICE ROAD ONLY SIGN (24" x 18")	NA	1	22.29
INDIAN CREEK TRAIL SIGN	NA	1	11.55
STAY BACK 50 FEET (red + white sticker)	NA	1	7.26

SIGN DIVISION

STAY BACK 50 FEET (yellow-green stickers)	NA	8	61.20
STAY BACK 50 FEET (yellow-green signs)	NA	8	96.00
ELECTION SIGNS (30" x 6" one sided)	NA	92	552.00
ELECTION SIGNS (30" x 6" two sided)	NA	8	56.00
ELECTION SIGNS (36" x 6")	NA	48	340.80
ELECTION SIGNS (36" x 9")	NA	6	66.00
TRUCK NUMBERS (white)	NA	11	7.37
TRUCK NUMBERS (black)	NA	22	14.30
CITY OF LEAWOOD STICKERS (black)	NA	12	10.80
CITY OF LEAWOOD STICKERS (white)	NA	6	6.00
EQUIPMENT NUMBERS (black)	NA	80	52.00
POLICE CAR NUMBERS (blue & white)	NA	12	12.00
TRUCK BED/SPREADER numbers black	NA	8	5.20
TRUCK BED/SPREADER numbers white	NA	14	9.38
LIGHT POLE IDENTIFICATION STICKERS	NA	400	600.00
PROPERTY OF LEAWOOD STICKERS	NA	83	16.60
PARKING SPACE NUMBERS STICKERS	NA	13	9.10
STREET ID BRACKET (cap)	NA	1	2.82
STREET IDENTIFICATION PLATES	NA	340	5706.55

Total Sign Cost \$9,953.89

TOTAL POST COST \$6,168.75

TOTAL SIGN COST \$9,953.89

HARDWARE \$43.60

TRAFFIC COUNTER SUPPLIES \$816.25

TEMPORARY NO PARKING \$2,491.78

YEAR END MATERIAL COST \$19,474.27

STORM WATER CREW

The Storm Water Crew is responsible to maintain the current storm water infrastructure consisting of storm boxes, the storm pipe network connection them, improved channels, and box culverts.

In 2014 the Storm Water Crew consisted of the following personnel.

Crewleader II	Calvin Burgess
Heavy Equipment Operator Senior	Frank Peoples
Maintenance Worker Senior	Phillip Wilson

Below is a summary of the hours spent by the Storm Water Crew this year:

PIPE MAINTENANCE	64.00 Segments	1,102.75 Total Work Hours
STRUCTURE REPAIR	12.00 Inlets 2.00 Junction Boxes 4.00 Segments	97.50 Total Work Hours
STRUCTURE INSPECTION	846.00 Inlets 91.00 Junction Boxes 422.00 Segments	973.25 Total Work Hours
TV	56,889.10 lineal feet	1,608.00 Total Work Hours

STREET SWEEPING CREW

Sweeper Operator:

Heavy Equipment Operator II Brian Knudtson

The City owns and operates one 2011 Schwarze A7000 Regen Air Street Sweeper. One operator is assigned to the sweeper to insure increased productivity, consistent operators maintenance, and enhanced diagnostic and troubleshooting capabilities.

The production goal of the program is to sweep every public residential and collector street six times and arterial streets ten times per year.

The sweeping program eliminated approximately 1,773 tons of debris from flowing into the storm sewer system and streams this year. Of that total 1052.5 cubic yards of cellular materials were recycled at the Suburban Lawnside Recycling Facility.

Sweeping statistics for this year:

Total curb miles swept	2,974.00
Total hours sweeping	1,309.00
Average sweeping rate of 2.27 curb miles per hour.	

MAINTENANCE PROGRAMS

SNOW REMOVAL PROGRAM

DATE	BLADE CHANGES	REG. HOURS	O.T. HOURS	SALT TONS	CHLOR. GAL	SNOW MEALS	SNOW DEPTH	LOW TEMP	HIGH TEMP	PLOW YES/NO	TOTAL COST
1 1/1,2,3/2014	0.00	215.00	222.50	519.00	4,450.00	\$138.52	2"	0	23	yes	\$41,980.08
2 1/4,5,6,7/2014	1.00	281.00	520.00	405.95	1,900.00	\$174.52	4"	-8	15	yes	\$44,459.41
3 1/9/2014	0.00	136.50	0.00	156.05	800.00	\$0.00	fz drzi	17	22	no	\$11,395.57
4 1/10/2014	0.00	17.50	0.00	13.10	0.00	\$0.00	fz drzi	30	37	no	\$995.86
5 1/31-2/1/2014	1.00	224.00	363.50	574.47	3,600.00	\$247.25	2"	15	22	yes	\$48,225.05
6 2/4,5,6/2014	2.00	768.00	328.25	416.04	700.00	\$375.64	12"	12	24	yes	\$48,704.60
7 2/9/2014	2.00	0.00	88.00	170.20	1,050.00	\$0.00	2"	20	23	yes	\$12,425.69
8 2/25,26/2014	0.00	48.00	20.00	75.61	750.00	\$0.00	dusting	9	15	no	\$6,176.73
9 3/1,2,3/2014	1.00	104.00	575.00	411.53	0.00	\$228.71	4"	-6	20	yes	\$40,379.72
10 11/15/2014	0.00	0.00	81.00	67.95	0.00	\$0.00	dusting	26	33	no	\$6,007.97
11 12/17,18/2014	8.00	290.00	53.00	291.03	0.00	\$58.91	3"	28	38	yes	\$22,590.62

Total Cost Of Snow Removal For 2014

\$283,341.30

LEAF COLLECTION PROGRAM

Every fall the Public Works Department collects leaves from the curbs and storm drain inlets. This maintenance currently occurs where the trees are mature and routinely cause maintenance problems. The leaves collected under this program are all recycled at Suburban Lawnside Recycling Facility.

The 2013-2014 program finished in March. The fall program started in November and is ongoing into 2015.

Total cubic yards of Program leaves collected and recycled in 2014	742 Cubic Yards
Total Hours Worked On This Program	993.5 Hours

CRACKFILLING PROGRAM

The crackfilling program is designed to slow or stop the infiltration of water into the pavement and subbase by sealing cracks in the pavement with a rubberized material. Our program this year included sealing cracks in streets that have been rehabilitated in the last six years, arterial roads, and subdivisions scheduled for the slurry seal program.

Subdivisions:

- Leawood Estates
- Highland Ranch
- Leawood Falls
- Verona Gardens
- Bradford Place
- Oxford Hills
- Pavillions

Materials Used And Cost Of Program

Materials	Quantities	Unit Cost	Total Cost
Sealant -lbs	43,325.00	\$0.50	\$21,835.80
Regular Hours	1,711.25	\$15.00	\$25,668.75
O.T. Hours	19.00	\$22.50	\$427.50
	TOTAL COST		\$47,932.05

SLURRY SEAL PROGRAM

The Slurry Seal program consisted of a total of 162,393 square yards of pavement. The work was performed by Vance Brothers Contractors at a cost of \$1.82 per square yard. Jeff Peevier, Street Division Supervisor was the inspector for this program. The program started on 6/2/2014 and was completed on 6/27/2014. The cost for the Slurry seal program was \$295,555.26.

Sub-Divisions / Streets Slurried:

- Mission Reserve
- Villas At Ironhorse
- Leawood Falls
- Highland Ranch
- Bradford Place
- Leawood Estates
- Glen Abbey

SUMMARY OF TASKS AND HOURS

DESCRIPTION OF WORK CATEGORIES

Tasks completed by the Street Division in 2014 have been divided into categories. Below is a description and hours spent at each category.

SNOW REMOVAL / SNOW EQUIPMENT – 3,032.00 HOURS

This category covers all work pertaining to the snow removal program. This includes equipment preparation, snow removal, equipment cleanup and maintenance.

RIGHT OF WAY / MISC. – 1,147.50 HOURS

Represents all work performed within the City right of way, i.e. (guard rail repair, brush cutting, trash pickup, traffic island maintenance, improving drainage ditches). Also included in this category are other tasks such as hauling debris to the landfill, hauling topsoil, and hauling aggregate.

STREET MAINTENANCE – 5,309.50 HOURS

All repairs and Maintenance performed on City of Leawood streets. (Pothole repair, milling & resurfacing, sub-base repair, inspecting the slurry seal program). This does not include the crackfilling program.

CURB MAINTENANCE – 3,897.00 HOURS

Repair and replacement of curbing, and driveway approaches.

SIDEWALKS – 1,719.75 HOURS

Repair or replacement of asphalt and concrete sidewalks.

SHOP / EQUIPMENT – 5,531.25 HOURS

Maintenance performed on the Public Works facility, department vehicles, and equipment.

STRUCTURE / PIPE INSPECTION / MAINTENANCE – 5,115.25 HOURS

Inspection, reconstruction and maintenance, (including removing debris) of storm drainage structures.

TRAINING / SEMINAR / ADMINISTRATION – 1,780.50 HOURS

Includes local seminars, non credit classes, safety meetings, vehicle, and equipment training.

DESCRIPTION OF WORK CATEGORIES

CRACKFILLING PROGRAM – All hours related to the crackfilling program.	1,711.25 HOURS
SWEEPER – Includes sweeping and operators maintenance hours.	1,440.50 HOURS
SIGNS – Hours pertaining to the installation, maintenance and constructing street, traffic, and temporary no parking signs.	3,767.75 HOURS
PAINT STRIPING – Hours spent painting street markings and crosswalks in the City right of way	982.25 HOURS
FLEET HELP – Hours spent assisting fleet maintenance crews.	9.50 HOURS
LEAF – VAC PROGRAM – Hours spent collecting leaves from curbs and storm drain inlets.	993.50 HOURS
CITY FACILITIES – Hours spent performing miscellaneous duties at City Hall, Public Works Facility, and all other City owned facilities.	377.00 HOURS
SUPERVISOR – This category accounts for the supervisory hours for the year.	1,891.00 HOURS

**SUMMARY OF TASK HOURS
2014**

This summary shows the hours spent on each task in the Street Department

Task	Jan	Feb	Mar	Apr	May	Jun	Jul
Administration	16.00	5.25	8.00	53.00	11.50	32.00	25.00
Asphalt Curbfill	0.00	0.00	0.00	103.00	181.50	180.00	222.50
Asphalt Milling Repair	0.00	0.00	0.00	422.00	485.00	349.00	386.00
Asphalt Park Trail	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Projects	0.00	0.00	0.00	0.00	17.50	27.50	21.50
Asphalt Reconstruction	0.00	0.00	0.00	0.00	0.00	40.00	40.00
Asphalt Sidewalk	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Curb Replacement	0.00	0.00	0.00	273.50	717.75	645.00	712.75
Concrete Flatwork	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Pavement Patch	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Pavement Recon	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Sidewalk	0.00	0.00	0.00	14.00	335.50	54.00	90.25
Coredrilling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crackfilling	303.00	240.25	610.50	54.00	0.00	0.00	0.00
Fleet Department Help	7.50	0.00	0.00	0.00	0.00	0.00	0.00
Joint Sealing	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Leaf Vac	298.00	48.00	16.00	0.00	0.00	0.00	0.00
Miscellaneous	74.50	0.00	0.00	51.50	74.50	24.00	84.50
Paint Striping	0.00	0.00	11.00	0.00	0.00	262.75	315.50
Pipe Inspection	46.50	6.00	98.50	50.50	17.50	39.50	47.50
Pipe Maintenance	0.00	13.50	409.75	324.00	71.50	107.50	7.00
Pipe Repair	0.00	0.00	2.00	189.75	21.00	35.50	0.00
Potholes	74.00	156.00	122.50	100.50	26.00	44.50	31.00
Project	0.00	55.00	38.00	19.00	0.00	4.50	0.00
Right of Way	7.00	127.50	107.50	174.50	5.00	43.00	0.00
Shop/Equipment	614.75	795.75	539.25	500.50	288.00	379.50	270.75
Sign Department	320.00	312.00	329.50	314.50	293.75	303.00	314.00
Sign Department Help	8.00	16.00	2.00	16.00	0.00	3.50	109.00
Snow Equipment	387.50	473.25	145.00	0.00	0.00	0.00	0.00
Snow Removal	687.50	503.00	102.00	0.00	0.00	0.00	0.00
Structure Inspection	142.00	100.50	150.00	8.00	0.00	56.50	27.50
Structure Maintenance	17.50	52.00	10.50	115.00	82.50	20.00	0.00
Structure Repair	0.00	8.00	3.00	9.50	12.00	2.00	51.00
Supervisor	165.50	152.00	144.75	166.50	165.00	166.50	173.00
Sweeper	51.00	35.00	91.50	132.50	130.00	126.50	107.00
Sweeper Maintenance	8.50	2.50	14.50	13.00	11.50	15.50	9.50
Training-Seminar	94.50	7.50	309.00	244.00	139.00	99.00	47.00
TV Inspection	62.00	105.25	77.25	108.75	194.75	166.50	102.50

**BREAKDOWN OF WORK HOURS
STREET DIVISION**

TASKS	HOURS
Snow Removal / Equipment	3,032.00
Right of Way / Miscellaneous	1,147.50
Street Maintenance	5,309.50
Curb Maintenance	3,897.00
Sidewalks	1,719.75
Shop /Equipment	5,531.25
Structure / Pipe Inspection / Maintenance	5,115.25
Training / Seminar / Administration	1,780.50
Crackfill Program	1,711.25
Sweeper	1,440.50
Signs	3,767.75
Paint Striping	982.25
Fleet Help	9.50
Leaf Vac Program	993.50
City Facilities	377.00
Supervisor	1,891.00
Total Hours Worked	38,705.50

OVERTIME SUMMARY

This summary describes how overtime hours were used in the Street Division in 2014.

CATEGORY	HOURS
Administration	0.00
Asphalt Curbfill	0.00
Asphalt Milling Repair	0.00
Asphalt Park Trail	0.00
Asphalt Projects	0.00
Asphalt Reconstruction	0.00
Asphalt Sidewalk	0.00
Concrete Curb Replacement	32.50
Concrete Flatwork	0.00
Concrete Pavement Patch	0.00
Concrete Pavement Recon	0.00
Concrete Sidewalk	2.00
Coredrilling	0.00
Crackfilling	19.00
Fleet Department Help	0.00
Joint Sealing	0.00
Leaf Vac	0.00
Miscellaneous	0.25
Paint Striping	1.00
Pipe Inspection	2.50
Pipe Maintenance	3.25
Pipe Repair	0.75
Potholes	0.00
Project	0.00
Right of Way	16.00
Shop/Equipment	6.50
Sign Department	0.00
Sign Department Help	0.00
Snow Equipment	0.00
Snow Removal	1,580.00
Structure Inspection	0.00
Structure Maintenance	0.00
Structure Repair	0.00
Supervisor	0.00
Sweeper	0.00
Sweeper Maintenance	0.00
Training-Seminar	19.50
TV Inspection	0.00
Total Overtime	1,683.25

YEAR END COMPARISONS

This summary compares work quantities in the Street Department

CONCRETE	UNIT	2008	2009	2010	2011	2012	2013	2014
Curb Replacement	Ln Ft	6,584.00	8,942.00	7,816.00	7,765.00	6,599.00	3,906.00	3,533.00
Sidewalks	Ln Ft	1,565.00	793	1,392.00	1,110.00	4,201.00	1,265.00	1,402.00
Storm Drains	Each	17.00	44.00	22.00	32.00	25.00	16.00	12.00
ASPHALT								
Pothole Repair	Tons	36.79	29.22	49.09	42.69	22.88	21.76	33.51
Milling Repair	Tons	1,340.41	1,714.47	1,629.99	1,555.50	1,358.89	1,470.86	1,432.02
Curbfill	Tons	860.59	1,118.71	1,032.21	1,026.53	846.51	579.31	533.31
Rehabilitation	Tons	268.69	88.37	7.04	132.45	0.00	0.00	112.76
Projects	Tons	371.03	168.29	122.41	106.54	107.09	73.17	190.95
Total Asphalt Used		2,877.51	3,119.06	2,840.74	2,863.71	2,335.37	2,145.10	2,302.55
Street Sweeping	Curbmiles	3,062.50	3,182.00	2,675.00	2,734.00	3,705.00	3,513.00	2,974.00
Leaf Pickup	Cubic Yd	756.00	1,078.00	910.00	322.00	630.00	238.00	742.00
Crackfill Sealant	Pounds	25,535.00	34,320.00	21,600.00	21,600.00	67,263.00	22,527.00	43,325.00
STORMWATER								
Storm Sewer TV'd	Ln Ft	33,805.00	65,990.90	39,094.00	48,610.80	51,958.10	30,951.00	59,583.40
SIGN DEPARTMENT								
Temp No Parking	Each	825	868	949	883	993	899	906
Regulatory Installed	Each	112	158	37	613	1,028	158	38
Warning Installed	Each	66	22	8	25	132	148	61
Other Installed	Each	410	526	302	1,041	479	1,814	1,185