

CITY OF LEAWOOD
PUBLIC WORKS DEPARTMENT
STREET DIVISION
2011 ANNUAL YEAR END REPORT

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
PERSONNEL LEAVE REPORT	22

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 2011 the concrete crew consisted of the following personnel.

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

Crewleader	Trevor Davis
Maintenance Worker II	Phil Wilson
Maintenance Worker I	Scott Sloan
Maintenance Worker I	Steven Wallace
Maintenance Worker I	Chris Vaughan
Maintenance Worker I	Ian Paulsen
Maintenance Worker I	Marcus Smith**

The Concrete Crew completed the following tasks in 2011:

Replaced 7765 lineal feet of curb	6,164.50 Total Work Hours
Replaced 36 lineal feet of sidewalk	69.00 Total Work Hours

TOTAL CONCRETE USED	515.25 Cubic Yards
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ASPHALT CREW

The 2011 Asphalt Crew consisted of the following employees.

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

Crewleader	Paul Dunn
Heavy Equipment Operator 2	Gene Green
Maintenance Worker II	Dave Creviston
Maintenance Worker II	Josh Bechtold
Maintenance Worker I	Logan Stites

The Street Repairs are divided into six categories:

- 1 STREET RECONSTRUCTION 132.45 Tons 166.75 Work Hours
This repair method involves removing and rebuilding the sub-base, installing underdrains when necessary, and placing a new surface.
- 2 MILLING/RESURFACING 1,555.50 Tons 3,538.50 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 1,026.53 Tons 1,929.50 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Replacing the asphalt in front of new curbs that have been replaced by City crews.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 42.69 Tons 675.50 Work Hours
Filling Potholes.
- 5 PROJECTS 106.54 Tons 293.00 Work Hours
Includes work done on City property.
- 6 CRACKFILLING 21,600.00 Pounds 756.00 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 2011:

Repair Type:	Tons
Asphalt Reconstruction	132.45
Milling Repair	1,555.50
Curbsfill	1,026.53
Potholes	42.69
Projects	106.54
Total	2,863.71

Type of Asphalt Used:

Fine mix (BM-1)	616.16
Surface mix (BM-2)	1,578.25
APWA Type III	667.21
Base mix (BM-2B)	0.00
Cold Patch	2.09
Total	2,863.71

Type of street repair:

Arterial	108.26
Collector	129.92
Residential	2,544.98
City Facility	77.80
Park Trail	2.75
Total	2,863.71

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 surfaces, and paint

In 2011 the Action Request Crew consisted of the following personnel.

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

Crewleader	Bill Porter
Heavy Equipment Operator I	Ryan Hays
Heavy Equipment Operator I	Jack Corcoran
Maintenance Worker II	Damian Jones

SIDEWALK

Total work hours for sidewalk	1,277.00 Work Hours
Total lineal feet of sidewalk done	1,074.00 Lineal Feet
Total concrete used	74.00 Cubic Yards

PAINT STRIPING

527.75 Work Hours

Pavement markings including center and edge markings, crosswalks, stop bars, and turning lanes.

CORE DRILLING

107.00 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

589.00 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

532.50 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

572.50 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 2011, the Sign Department installed approximately one thousand six hundred seventy-nine (1,679) 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 883 requests in 2011. The program costs were as follows:

Materials (signs and stakes)	\$ 2,838.35
Regular Man Hours	31,159.92
Overtime Man Hours	43.56
Total cost for this program was	\$34,041.83

SIGN DIVISION

ITEM	MUTCD	QUANTITY	COST
TELESPAR POSTS (10')	NA	438	\$11,235.70
TELESPAR POSTS (6')	NA	21	422.10
TELESPAR POSTS (11')	NA	53	1539.65
TELESPAR POSTS (12')	NA	2	61.40
		Total Post Cost	\$13,258.85
STOP SIGNS (30" x 30")	R1-1	392	\$14,280.02
STOP SIGNS (36" x 36")	R1-1	27	1,485.00
ALL WAY PLATES	R1-4	43	261.87
YIELD SIGNS (36"x36"x36")	R1-2	108	2,772.94
SPEED LIMIT SIGNS	R2-1	3	85.11
DO NOT ENTER SIGNS	R5-1	4	120.00
KEEP RIGHT SIGNS	R4-7	4	88.74
CROSS TRAFFIC DOES NOT STOP	W4-4P	1	16.20
NO TRUCKS SIGNS	R5-2	2	32.40
NO LEFT TURN SIGNS	R3-2	4	64.80
NO PEDESTRIANS SIGN E.G.	R9-3	1	16.20
NO PARKING SIGNS (24" x 24")	R8-3	7	133.81
NO PARKING BETWEEN SIGNS	NA	2	14.74
HANDICAP PARKING (12"x12")	NA	3	23.31
VAN ACCESSIBLE PLATES (12"x6")	R7-8P	2	8.84
HANDICAP PARKING ONLY PLATE	NA	1	4.42
LEFT LANE MUST TURN LEFT SIGNS	R3-7	3	106.32
RIGHT LANE MUST TURN RIGHT SIGNS	R3-7	2	70.88
ONE WAY SIGNS (36" x 12")	R6-1	11	177.10
ADVANCE PEDESTRIAN	W11-2	2	92.44
NO OUTLET SIGNS (30" x 30")	W14-2	2	40.00
NO OUTLET PLATE (30" x 6") E.G.	W14-2P	1	7.75
DIP SIGN	W8-2	1	20.00
OBJECT MARKERS	OM1-3	14	155.20
DOWN ARROW PLATES	W16-7P	2	36.00
SCHOOL TIMES SIGN	S4-1	1	17.00
LANE TRANSITION SIGN (right 36"x36")	W4-2R	1	38.40
LANE TRANSITION SIGN (left 36"x36")	W4-2L	1	38.40
ROAD WORK AHEAD (30" x 30")	W20-1	2	40.00
ROAD WORK AHEAD (36" x 36")	W20-1	6	230.40
RIGHT LANE CLOSED AHEAD (36" x 36")	W20-5R	2	76.80
LEFT LANE CLOSED AHEAD (36" x 36")	W20-5L	1	38.40

SIGN DIVISION

ONE LANE ROAD AHEAD (36" x 36")	W20-4	3	115.20
WET PAINT (30" x 30" orange + black)	NA	1	28.72
WATCH FOR ICE ON TRAIL SIGNS	NA	10	66.90
LEAWOOD HISTORICAL DISTRICT	NA	11	158.84
PRIVATE STREET SIGN	NA	1	5.00
BUMP AHEAD (36" x 36" work zone)	NA	4	167.48
NO TRESPASSING (18"x12" orange + black)	NA	2	14.38
CITY ORDINANCE 14-104 SIGN	NA	1	22.62
WARNING STAY BACK 50' (18" x 12")	NA	1	6.86
WARNING STAY BACK 50' (24" x 18")	NA	1	13.23
"420" PLATE for snow plow storage	NA	1	2.36
TRUCK NUMBERS (white)	NA	12	8.04
TRUCK NUMBERS (black)	NA	26	16.90
CITY OF LEAWOOD STICKERS (black)	NA	18	16.20
CITY OF LEAWOOD STICKERS (white)	NA	10	10.00
POLICE CAR NUMBERS (gold)	NA	28	9.80
MOTORCYCLE NUMBERS	NA	3	3.00
TACK OIL STICKERS	NA	3	3.00
STICKERS FOR CHLORIDE TANK	NA	3	6.00
STREET IDENTIFICATION PLATES	NA	884	14,302.88

Total Sign Cost	35,570.90
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TOTAL POST COST	\$13,258.85
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TOTAL SIGN COST	35,570.90
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HARDWARE	1,152.00
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BAND-IT SUPPLIES	858.00
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INVENTORY STICKERS	420.00
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MISCELLANEOUS SUPPLIES	13.98
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TEMPORARY NO PARKING	2,838.35
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YEAR END MATERIAL COST	\$54,112.08
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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 2011 the Storm Water Crew consisted of the following personnel.

Crewleader	Calvin Burgess
Heavy Equipment Operator I	Frank Peoples
Heavy Equipment Operator I	Michael Galloway

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

PIPE MAINTENANCE	33.00 Segments	332.25 Total Work Hours
STRUCTURE REPAIR	32.00 Inlets 0.00 Junction Boxes 11.00 Segments	323.75 Total Work Hours
STRUCTURE INSPECTION	840.00 Inlets 85.00 Junction Boxes 365.00 Segments	809.00 Total Work Hours
TV	48,610.80 lineal feet	1,654.00 Total Work Hours

STREET SWEEPING CREW

Sweeper Operator:

Heavy Equipment Operator 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 1,297 tons of debris from flowing into the storm sewer system and streams this year. Of that total 757.5 cubic yards of cellular materials were recycled at the Suburban Lawnside Recycling Facility.

Sweeping statistics for this year:

Total curb miles swept	2,734.00
Total hours sweeping	1,123.25

Average sweeping rate of 2.43 curb miles per hour.

MAINTENANCE PROGRAMS

SNOW REMOVAL PROGRAM

DATE	BLADE CHANGES	REG HOURS	O.T. HOURS	SALT TONS	MIX TONS	CHLOR. GAL	SNOW MEALS	SNOW DEPTH	LOW TEMP	HIGH TEMP	FLOW? YES/NO
1 1/9/2011	0.00	0.00	75.00	173.74	0.00	1,300.00	\$0.00	1"	19	22	no
2 1/10-11/2011	0.00	448.00	182.50	454.76	0.00	3,750.00	\$272.79	6"	4	24	yes
3 1/19-21/2011	1.00	528.00	172.50	344.71	0.00	1,500.00	\$244.40	8"	6	19	yes
4 1/22-23/2011	0.00	0.00	172.00	122.67	0.00	850.00	\$0.00	dusting	12	30	no
5 1/31-2/3/2011	1.00	864.00	388.00	395.68	0.00	700.00	\$541.44	12"	-5	30	yes
6 2/8-9/2011	1.00	485.50	123.00	328.85	0.00	1,800.00	\$168.69	2"	0	16	yes
7 2/24-26/2011	0.00	376.00	155.00	453.09	0.00	0.00	\$159.14	2"	22	34	yes
8 3/14/2011	0.00	138.50	0.00	133.22	0.00	0.00	\$0.00	2"	30	34	no
9											
10											
11 12/6/2011	2.00	92.50	0.00	128.14	0.00	700.00	\$0.00	dusting	16	27	no

QUANTITIES: 5.00 2,932.50 1,268.00 2,534.86 0.00 10,600.00

Total Cost Of Snow Removal For 2011

\$276,762.41

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 2010-2011 program finished in January. The fall program started in November and was completed in December.

Total cubic yards of Program leaves collected and recycled in 2011	322.00
Total Hours Worked On This Program	794.25

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:

- Estates of Ironhorse
- Leawood Estates
- Mark Lane
- Pembroke Court
- Siena
- Mission Prairie
- Hunter's Ridge
- Royce

Materials Used And Cost Of Program

Materials	Quantities	Unit Cost	Total Cost
Sealant -lbs	21,600.00	\$0.47	\$10,152.00
Regular Hours	756.00	\$15.00	\$11,340.00
O.T. Hours	14.00	\$22.50	\$315.00
	TOTAL COST		\$21,807.00

SLURRY SEAL PROGRAM

The Slurry Seal program consisted of a total of 187,135 square yards of pavement. The work was performed by Vance Brothers at a cost of \$1.77 per square yard. Jeff Peevler, Street Division Supervisor was the inspector for this program. The program started on June 6th and was completed on July 5th. The cost for the Slurry seal program was \$331,228.95. Punch list items were completed October.

Sub-Divisions / Streets Slurried:

- Estates of Ironhorse
- Leawood South
- Verona Gardens
- Leawood Estates
- Oxford Hills
- Mission Farms

SUMMARY OF TASKS AND HOURS

DESCRIPTION OF WORK CATEGORIES

Tasks completed by the Street Division in 2011 have been divided into categories. Below is a description and hours spent at each category.

SNOW REMOVAL / SNOW EQUIPMENT – 3,731.25 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. – 1,161.50 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 – 6,433.25 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 – 6,164.50 HOURS

Repair and replacement of curbing, and driveway approaches.

SIDEWALKS – 1,369.00 HOURS

Repair or replacement of asphalt and concrete sidewalks.

SHOP / EQUIPMENT – 5,390.25 HOURS

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

STRUCTURE / PIPE INSPECTION / MAINTENANCE – 4,416.00 HOURS

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

TRAINING / SEMINAR / ADMINISTRATION – 1,163.00 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.	756.00 HOURS
SWEEPER – Includes sweeping and operators maintenance hours.	1,228.25 HOURS
SIGNS – Hours pertaining to the installation, maintenance and constructing street, traffic, and temporary no parking signs.	4,174.25 HOURS
PAINT STRIPING – Hours spent painting street markings and crosswalks in the City right of way	527.75 HOURS
FLEET HELP – Hours spent assisting fleet maintenance crews.	0.00 HOURS
LEAF -- VAC PROGRAM – Hours spent collecting leaves from curbs and storm drain inlets.	794.25 HOURS
CITY FACILITIES – Hours spent performing miscellaneous duties at City Hall, Public Works Facility, and all other City owned facilities.	455.00 HOURS
SUPERVISOR – This category accounts for the supervisory hours for the year.	1,860.00 HOURS

SUMMARY OF TASK HOURS

2011

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

Task	Jan	Feb	Mar	Apr	May	Jun	Jul
Administration	17.50	19.50	32.00	22.50	13.50	23.00	16.50
Asphalt Curbfill	0.00	0.00	155.50	242.50	212.50	278.00	101.00
Asphalt Milling Repair	0.00	0.00	298.25	408.00	429.00	311.25	398.50
Asphalt Park Trail	0.00	0.00	0.00	0.00	0.00	17.50	0.00
Asphalt Projects	0.00	0.00	45.00	0.00	0.00	0.00	49.00
Asphalt Reconstruction	0.00	0.00	0.00	27.50	0.00	95.75	0.00
Asphalt Sidewalk	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Curb Replacement	0.00	0.00	535.00	753.50	634.75	900.00	494.00
Concrete Flatwork	0.00	0.00	0.00	0.00	24.00	0.00	0.00
Concrete Pavement Patch	0.00	0.00	16.00	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	9.00	13.50	239.00	322.00	358.00
Coredrilling	0.00	0.00	65.50	0.00	9.00	0.00	0.00
Crackfilling	195.00	120.00	120.00	0.00	0.00	0.00	0.00
Fleet Department Help	0.00	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	98.00	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous	4.50	0.00	40.00	55.50	81.00	69.00	41.50
Paint Striping	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pipe Inspection	31.50	10.00	39.00	21.00	28.00	32.00	39.50
Pipe Maintenance	0.00	0.00	27.00	112.50	49.25	46.50	0.00
Pipe Repair	0.00	0.00	14.50	111.00	3.00	41.50	0.00
Potholes	25.00	114.00	129.50	88.00	27.00	0.00	44.00
Project	0.00	0.00	0.00	10.50	0.00	0.00	0.00
Right of Way	0.00	63.00	120.50	169.50	92.50	13.50	36.00
Shop/Equipment	667.50	721.00	614.00	331.25	285.00	293.50	602.25
Sign Department	313.50	293.00	352.75	332.50	275.50	304.00	312.00
Sign Department Help	0.00	0.00	0.00	43.00	148.00	58.00	99.00
Snow Equipment	277.75	363.50	115.75	34.00	0.00	0.00	0.00
Snow Removal	1219.25	1109.50	140.00	0.00	0.00	0.00	0.00
Structure Inspection	93.50	70.00	75.00	88.50	10.50	16.00	20.00
Structure Maintenance	31.00	7.00	69.50	43.00	14.00	101.00	18.50
Structure Repair	0.00	0.00	50.00	30.00	27.00	36.50	0.00
Supervisor	150.00	148.00	176.00	148.50	165.50	167.00	156.50
Sweeper	38.50	0.00	110.00	122.50	140.50	140.00	13.50
Sweeper Maintenance	1.50	3.00	9.50	13.00	23.50	9.00	4.50
Training-Seminar	42.00	90.50	156.50	17.00	0.00	47.00	78.50
TV Inspection	31.50	66.50	165.50	73.00	277.00	139.25	158.00

SUMMARY OF TASK HOURS

2011

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

Task	Aug	Sep	Oct	Nov	Dec	TOTALS
Administration	17.50	12.50	3.00	29.00	29.50	236.00
Asphalt Curbfill	254.50	312.50	233.00	86.50	53.50	1,929.50
Asphalt Milling Repair	533.50	246.50	423.75	456.75	33.00	3,538.50
Asphalt Park Trail	45.00	0.00	0.00	0.00	0.00	62.50
Asphalt Projects	28.50	0.00	0.00	0.00	108.00	230.50
Asphalt Reconstruction	0.00	0.00	43.50	0.00	0.00	166.75
Asphalt Sidewalk	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Curb Replacement	857.25	806.50	694.50	427.00	62.00	6,164.50
Concrete Flatwork	0.00	0.00	0.00	0.00	0.00	24.00
Concrete Pavement Patch	0.00	0.00	0.00	0.00	0.00	16.00
Concrete Pavement Recon	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Sidewalk	88.50	136.00	65.50	137.50	0.00	1,369.00
Coredrilling	32.50	0.00	0.00	0.00	0.00	107.00
Crackfilling	0.00	0.00	0.00	0.00	321.00	756.00
Fleet Department Help	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
Leaf Vac	0.00	0.00	0.00	301.50	394.75	794.25
Miscellaneous	37.50	56.50	57.50	89.00	40.50	572.50
Paint Striping	321.75	206.00	0.00	0.00	0.00	527.75
Pipe Inspection	33.00	30.00	23.00	45.50	26.50	359.00
Pipe Maintenance	36.00	57.00	0.00	4.00	0.00	332.25
Pipe Repair	13.00	115.50	0.00	9.00	8.50	316.00
Potholes	16.00	131.00	26.00	0.00	75.00	675.50
Project	3.50	34.50	89.50	0.00	0.00	138.00
Right of Way	78.00	0.00	2.00	0.00	14.00	589.00
Shop/Equipment	269.50	213.00	483.75	349.50	560.00	5,390.25
Sign Department	344.00	315.00	288.00	278.50	233.00	3,641.75
Sign Department Help	0.00	22.50	52.00	24.00	86.00	532.50
Snow Equipment	0.00	0.00	0.00	207.50	186.00	1,184.50
Snow Removal	0.00	0.00	0.00	0.00	78.00	2,546.75
Structure Inspection	15.00	34.00	88.50	75.00	223.00	809.00
Structure Maintenance	29.00	4.00	0.00	68.00	237.00	622.00
Structure Repair	43.00	4.00	26.00	96.25	11.00	323.75
Supervisor	156.00	168.00	159.00	133.00	132.50	1,860.00
Sweeper	43.00	122.25	142.00	119.00	132.00	1,123.25
Sweeper Maintenance	3.50	13.00	7.50	6.50	10.50	105.00
Training-Seminar	47.00	28.50	254.00	160.00	6.00	927.00
TV Inspection	293.00	142.50	188.75	20.00	99.00	1,654.00
					YEAR	39,624.25

**BREAKDOWN OF WORK HOURS
STREET DIVISION**

TASKS	HOURS
Snow Removal / Equipment	3,731.25
Right of Way / Miscellaneous	1,161.50
Street Maintenance	6,433.25
Curb Maintenance	6,164.50
Sidewalks	1,369.00
Shop /Equipment	5,390.25
Structure / Pipe Inspection / Maintenance	4,416.00
Training / Seminar / Administration	1,163.00
Crackfill Program	756.00
Sweeper	1,228.25
Signs	4,174.25
Paint Striping	527.75
Fleet Help	0.00
Leaf Vac Program	794.25
City Facilities	455.00
Supervisor	1,860.00
Total Hours Worked	39,624.25

OVERTIME SUMMARY

This summary describes how overtime hours were used in the Street Division in 2011.

CATEGORY	HOURS
Administration	0.00
Asphalt Curbfill	1.25
Asphalt Milling Repair	0.00
Asphalt Park Trail	0.00
Asphalt Projects	0.00
Asphalt Reconstruction	1.50
Asphalt Sidewalk	0.00
Concrete Curb Replacement	14.50
Concrete Flatwork	0.00
Concrete Pavement Patch	0.00
Concrete Pavement Recon	0.00
Concrete Sidewalk	0.00
Coredrilling	0.00
Crackfilling	14.00
Fleet Department Help	0.00
Joint Sealing	0.00
Leaf Vac	0.00
Miscellaneous	0.00
Paint Striping	0.00
Pipe Inspection	0.75
Pipe Maintenance	0.00
Pipe Repair	0.00
Potholes	0.50
Project	0.00
Right of Way	17.25
Shop/Equipment	10.75
Sign Department	4.00
Sign Department Help	0.00
Snow Equipment	0.00
Snow Removal	969.50
Structure Inspection	0.00
Structure Maintenance	0.00
Structure Repair	0.00
Supervisor	0.00
Sweeper	0.00
Sweeper Maintenance	0.00
Training-Seminar	6.25
TV Inspection	0.00
TOTAL OVERTIME	1,040.25

YEAR END COMPARISONS

This summary compares work quantities in the Street Department

CONCRETE	UNIT	2005	2006	2007	2008	2009	2010	2011
Curb Replacement	Ln Ft	2,442.00	6,088.00	6,185.00	6,584.00	8,942.00	7,816.00	7,765.00
Sidewalks	Ln Ft	3,062.00	3,150.00	1,507.00	1565	793.00	1,392.00	1,110.00
Storm Drains	Each	0.00	0.00	1.00	17.00	44.00	22.00	32.00
ASPHALT								
Pothole Repair	Tons	75.89	47.13	64.02	36.79	29.22	49.09	42.69
Milling Repair	Tons	972.27	1,069.26	1,183.29	1,340.41	1,714.47	1,629.99	1,555.50
Curbfill	Tons	226.04	814.79	866.18	860.59	1,118.71	1,032.21	1,026.53
Rehabilitation	Tons	198.00	495.28	142.69	268.69	88.37	7.04	132.45
Projects	Tons	375.95	135.85	122.73	371.03	168.29	122.41	106.54
Total Asphalt Used		1,848.15	2,562.31	2,378.91	2,877.51	3,119.06	2,840.74	2,863.71
Street Sweeping	Curbmiles	3,414.00	3,625.00	3,057.00	3,062.50	3,182.00	2,675.00	2,734.00
Leaf Pickup	Cubic Yd	3,369.75	2,622.00	1,074.00	756.00	1,078.00	910.00	322.00
Crackfill Sealant	Pounds	29,675.00	37,850.00	28,575.00	25,535.00	34,320.00	21,600.00	21,600.00
STORMWATER								
Storm Sewer TV'd	Ln Ft	132,047.00	99,396.00	31,617.00	33,805.00	65,990.90	39,094.00	48,610.80