

CITY OF LEAWOOD
PUBLIC WORKS DEPARTMENT
STREET DIVISION
2010 ANNUAL YEAR END REPORT

STREET DIVISION YEAR END REPORT

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CREW SUMMARIES

CONCRETE CREW

The Concrete Crew is responsible for the repair and maintenance of all City owned curbing, sidewalks, stone walls, 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 2010 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 Vaughn
Maintenance Worker I	Marcus Smith
Maintenance Worker I	Ralph Conner**

The Concrete Crew completed the following tasks in 2010:

Replaced 7816 lineal feet of curb	6,069.25 Total Work Hours
Replaced 103 lineal feet of sidewalk	104.00 Total Work Hours
TOTAL CONCRETE USED	530.25 Cubic Yards

ASPHALT CREW

The 2010 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	7.04 Tons	27.50 Work Hours
	This repair method involves removing and rebuilding the sub-base, installing underdrains when necessary, and placing a new surface.		
2	MILLING/RESURFACING	1,629.99 Tons	3,630.75 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	1,032.21 Tons	1,887.00 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	Replacing the asphalt in front of new curbs that have been replaced by City crews.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	49.09 Tons	850.00 Work Hours
	Filling Potholes.		
5	PROJECTS	122.41 Tons	102.50 Work Hours
	Includes work done on City property.		
6	CRACKFILLING	465.00 Pounds	1,979.50 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 2010:

Repair Type:	Tons
Asphalt Reconstruction	7.04
Milling Repair	1,629.99
Curbsfill	1,032.21
Potholes	49.09
Projects	122.41
Total	2,840.74

Type of Asphalt Used:

Fine mix (BM-1)	1,279.74
Surface mix (BM-2)	1,354.90
APWA Type III	199.94
Base mix (BM-2B)	0.00
Cold Patch	6.16
Total	2,840.74

Type of street repair:

Arterial	123.48
Collector	64.44
Residential	2,512.86
City Facility	43.19
Park Trail	96.77
Total	2,840.74

ACTION REQUEST CREW

Their primary duty is to respond to Action Requests, complete maintenance requests, perform other asphalt and concrete projects, core sampling asphalt surfaces, and paint striping.

In 2010 the Action Request Crew consisted of the following personnel.

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	1,678.00 Work Hours
Total lineal feet of sidewalk done	1,474.00 Lineal Feet
Total concrete used	97.50 Cubic Yards

PAINT STRIPING

468.00 Work Hours

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

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

873.75 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

716.00 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

541.75 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 2010, the Sign Department installed approximately four hundred (400) signs. Many of these were replacements for signs that were faded, damaged or missing.

Our "Temporary No Parking" signs program received 949 requests in 2010. The program costs were as follows:

Materials (signs and stakes)	\$ 2,081.35
Regular Man Hours	32,982.30
Overtime Man Hours	42.29

Total cost for this program was \$35,105.94

SIGN DIVISION

ITEM	MUTCD	QUANTITY	COST
10' U-CHANNEL POSTS	NA	11	\$219.23
TELESPAR POSTS (10')	NA	50	1,557.50
TELESPAR POSTS (6')	NA	31	697.50
TELESPAR BASE	NA	1	13.80
		Total Post Cost	\$2,488.03
STOP SIGNS (30" x 30")	R1-1	10	\$342.10
YIELD SIGNS (36"x36"x36")	R1-2	5	129.80
SPEED LIMIT SIGNS	R2-1	12	340.44
DO NOT ENTER SIGNS	R5-1	2	33.26
KEEP RIGHT SIGN	R4-7	1	28.37
NO TRUCKS SIGN	R5-2	1	16.20
NO STRAIGHT THROUGH OR LEFT TURN	NA	1	5.00
STOP HERE ON RED SIGN	R10-6	1	30.00
NO PARKING SIGN (12" x 12")	R8-3a	1	4.84
LEFT LANE MUST TURN LEFT SIGN	R3-7L	1	35.44
ONE WAY SIGNS (36" x 12")	R6-1	2	15.96
SIDE ROAD SIGN	W2-2	1	20.00
RAILROAD CROSSING SIGN	W10-1	1	24.00
TWO DIRECTION LARGE ARROW SIGN	W1-7	1	40.80
NOT A THROUGH STREET (30" x 6")	NA	1	10.72
NO OUTLET SIGN (30" x 30")	W14-2	1	20.00
DIP SIGNS	W8-2	2	40.00
OBJECT MARKERS	OM-1	19	326.42
END OF ROAD MARKERS	OM4-3	7	68.95
SCHOOL ADVANCE SIGN (fluorescent)	S1-1	1	67.00
SCHOOL TIMES (faces only)	S4-1	2	18.92
LANE TRANSITION SIGN (right 36"x36")	W4-2R	1	38.40
LANE TRANSITION SIGN (left 36"x36")	W4-2L	1	38.40
ROAD CLOSED TO THROUGH TRAFFIC	R11-4	1	44.25
NO ICE SKATING SIGNS (18" x 12")	NA	5	44.50
TRAIL DETOUR SIGNS (30" x 6")	NA	2	11.50
TRAIL DETOUR SIGNS (12" x 12")	NA	6	27.18
WATCH FOR ICE ON TRAIL SIGNS	NA	20	133.80
RESERVED FOR BC 32 SIGN	NA	1	6.96
PERSONAL PROTECTIVE EQUIPMENT	NA	1	4.53
ELECTION SIGNS FACES	NA	6	32.04
SQUIRREL CAGE SIGNS	NA	12	28.80

SIGN DIVISION

TRUCK NUMBERS (gold)	NA	6	4.02
TRUCK NUMBERS (white)	NA	17	11.39
CITY OF LEAWOOD STICKERS (gold)	NA	2	5.90
CITY OF LEAWOOD STICKERS (white)	NA	6	6.00
POLICE CAR NUMBERS (gold)	NA	56	19.60
REFLECTIVE STRIPS FOR HYDRANTS	NA	9	13.50
CALCIUM TANK STICKER	NA	1	1.60
WHITE CIRCLES (3.5")	NA	66	13.20
STREET IDENTIFICATION PLATES	NA	55	579.19

Total Sign Cost \$2,682.98

TOTAL POST COST \$2,488.03

TOTAL SIGN COST 2,682.98

TRAFFIC COUNTER SUPPLIES 762.00

MISCELLANEOUS SUPPLIES 21.49

FLEXI 8 SOFTWARE 590.75

TEMPORARY NO PARKING 2,081.35

YEAR END MATERIAL COST \$8,626.60

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 2010 the Storm Water Crew consisted of the following personnel.

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

Crewleader	Calvin Burgess
Heavy Equipment Operator	Frank Peoples
Heavy Equipment Operator	Michael Galloway
Heavy Equipment Operator	Dan Turner**

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

PIPE MAINTENANCE	35.00 Segments	345.00 Total Work Hours
STRUCTURE REPAIR	22.00 Inlets 7.00 Junction Boxes 6.00 Segments	653.50 Total Work Hours
STRUCTURE INSPECTION	727.00 Inlets 107.00 Junction Boxes 401.00 Segments	536.00 Total Work Hours
TV	39,094.00 lineal feet	1,389.50 Total Work Hours

STREET SWEEPING CREW

Sweeper Operator:

Heavy Equipment Operator Brian Knudtson

The City owns and operates one 2005 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 1,410 tons of debris from flowing into the storm sewer system and streams this year.

Sweeping statistics for this year:

Total curb miles swept	2,675.00
Total hours sweeping	1,112.00
Average sweeping rate of 2.41 curb miles per hour.	

MAINTENANCE PROGRAMS

SNOW REMOVAL PROGRAM

	DATE	BLADE CHANGES	REG HOURS	O.T. HOURS	SALT TONS	MIX TONS	CHLOR. GAL	SAND TONS	SNOW DEPTH	AVG. TEMP	PLOW? YES/NO	TOTAL COST
		\$739.80	\$19.00	\$28.50	\$48.02	\$18.25	\$1.19	\$7.50				
1	1/2,3,4/2010	2.00	32.00	397.00	296.92		1,550.00		3"	6	Y	\$29,176.53
2	1/6,7,8/2010	1.00	471.00	164.00	237.28		3,350.00		5"	10	Y	\$29,673.08
3	1/29,30/2010	0.00	208.00	64.50	364.53		1,050.00		.75"	20	N	\$24,612.95
4	2/4,5,6/2010	0.00	328.00	215.25	316.50		300.00		8"	31	Y	\$28,023.41
5	2/8,9/2010	0.00	224.00	48.50	398.47		1,200.00		1.5"	21	N	\$26,276.61
6	2/20,21,22/2010	0.00	88.00	239.00	631.97		750.00		1.5"	24	N	\$39,797.42
7	3/20,21/2010	0.00	0.00	362.50	252.85		0.00		9"	29	Y	\$22,543.02
8	12/11/2010	0.00	0.00	95.50	116.61		500.00		.5"	13	Y	\$9,080.79
9	12/24/2010	0.00	0.00	57.00	138.86		0.00		.25"	30	N	\$8,576.42
QUANTITIES:		3.00	1,351.00	1,643.25	2,753.99	0.00	8,700.00	0.00				
COST:		\$2,219.40	\$25,669.00	\$46,832.63	\$132,246.60	\$0.00	\$10,309.50	\$0.00				\$217,760.23

LEAF COLLECTION PROGRAM

Every fall the Public Works Department collects leaves from the curbs and storm drain inlets. This maintenance currently only occurs north of I-435 where the trees are mature and routinely cause maintenance problems.

The 2009-2010 program finished in January. The fall program started in November and is ongoing into 2011.

Total cubic yards of leaves collected in 2010	910.00
Total Hours Worked	726.50

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:

- Hazelwood
- Highlands Creek
- Villas of Chapel Green
- Leawood South
- Leawood
- Verona Gardens
- Mission Farms
- Leawood Estates

Materials Used And Cost Of Program

Materials	Quantities	Unit Cost	Total Cost
Sealant -lbs	21,600.00	\$0.46	\$9,936.00
Regular Hours	1,979.50	\$15.00	\$29,692.50
O.T. Hours	23.00	\$22.50	\$517.50
	TOTAL COST		\$40,146.00

SLURRY SEAL PROGRAM

The Slurry Seal program consisted of a total of 157,023 square yards of pavement. The work was performed by Musselman and Hall Contractors at a cost of \$1.72 per square yard. Jeff Peevler, Street Division Supervisor was the inspector for this program. The program started in July and was completed in August. The cost for the Slurry seal program was \$270,079.56.

Sub-Divisions / Streets Slurried:

- Highlands Creek
- Leawood South
- Hills of Ironhorse
- Villas of Leawood
- Hazelwood
- Villas of Chapel Green

SUMMARY OF TASKS AND HOURS

DESCRIPTION OF WORK CATEGORIES

Tasks completed by the Street Division in 2010 have been divided into categories. Below is a description and hours spent at each category.

SNOW REMOVAL / SNOW EQUIPMENT – 2,562.50 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. – 1,415.50 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 – 6,395.25 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 – 6,069.25 HOURS

Repair and replacement of curbing, and driveway approaches.

SIDEWALKS – 1,795.50 HOURS

Repair or replacement of asphalt and concrete sidewalks.

SHOP / EQUIPMENT – 5,156.50 HOURS

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

STRUCTURE / PIPE INSPECTION / MAINTENANCE – 4,209.50 HOURS

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

TRAINING / SEMINAR / ADMINISTRATION – 855.50 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.	1,979.50 HOURS
SWEEPER – Includes sweeping and operators maintenance hours.	1,295.50 HOURS
SIGNS – Hours pertaining to the installation, maintenance and constructing street, traffic, and temporary no parking signs.	3,653.50 HOURS
PAINT STRIPING – Hours spent painting street markings and crosswalks in the City right of way	468.00 HOURS
FLEET HELP – Hours spent assisting fleet maintenance crews.	8.00 HOURS
LEAF – VAC PROGRAM – Hours spent collecting leaves from curbs and storm drain inlets.	726.50 HOURS
CITY FACILITIES – Hours spent performing miscellaneous duties at City Hall, Public Works Facility, and all other City owned facilities.	122.00 HOURS
SUPERVISOR – This category accounts for the supervisory hours for the year.	1,905.00 HOURS

SUMMARY OF TASK HOURS

2010

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

Task	Jan	Feb	Mar	Apr	May	Jun	Jul
Administration	33.50	18.00	34.50	16.00	35.50	37.50	15.00
Asphalt Curbfill	0.00	0.00	54.50	283.00	221.00	243.50	270.50
Asphalt Milling Repair	0.00	0.00	316.00	417.75	454.00	425.50	353.50
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	0.00	0.00	10.50
Asphalt Sidewalk	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Reconstruction	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Curb Replacement	0.00	0.00	298.00	857.00	584.00	821.75	735.75
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	65.00	316.50	303.00	205.50	18.00
Coredrilling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crackfilling	379.00	468.00	338.50	0.00	0.00	196.50	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous	32.00	0.00	56.00	40.00	72.50	44.50	69.00
Paint Striping	0.00	0.00	9.50	3.50	55.00	6.00	91.50
Pipe Inspection	8.50	5.00	33.00	14.50	24.00	107.50	27.50
Pipe Maintenance	0.00	0.00	20.00	56.00	13.50	33.00	64.00
Pipe Repair	0.00	0.00	0.00	0.00	0.00	30.00	13.00
Potholes	96.00	141.00	114.00	69.00	35.00	69.00	80.00
Project	0.00	7.00	0.00	0.00	0.00	0.00	0.00
Right of Way	231.00	50.00	83.25	151.00	10.50	122.00	23.50
Shop/Equipment	364.50	708.75	714.25	209.25	265.50	168.00	457.50
Sign Department	177.50	52.50	132.00	263.50	284.75	309.50	325.25
Sign Department Help	59.50	133.00	165.50	65.00	44.50	20.50	81.50
Snow Equipment	353.00	224.50	211.00	6.50	0.00	0.00	0.00
Snow Removal	832.25	633.75	16.00	0.00	0.00	0.00	0.00
Structure Inspection	67.50	182.00	102.00	31.00	34.00	22.50	7.00
Structure Maintenance	49.00	69.00	62.50	122.00	86.00	44.00	13.00
Structure Repair	0.00	0.00	24.00	44.00	147.00	86.00	24.50
Supervisor	145.50	158.50	173.00	120.00	160.00	168.00	160.00
Sweeper	0.00	29.50	90.00	110.50	92.00	127.50	74.50
Sweeper Maintenance	8.00	9.00	22.00	24.00	18.00	14.00	13.50
Training-Seminar	4.50	20.00	25.00	1.50	76.50	7.00	101.50
TV Inspection	78.50	28.00	146.00	115.00	89.00	107.50	205.50

SUMMARY OF TASK HOURS

2010

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

Task	Aug	Sep	Oct	Nov	Dec	TOTALS
Administration	17.00	33.50	28.50	31.00	38.00	338.00
Asphalt Curbfill	232.50	166.50	259.00	156.50	0.00	1,887.00
Asphalt Milling Repair	342.00	489.50	454.50	355.50	22.50	3,630.75
Asphalt Park Trail	4.00	48.00	0.00	0.00	0.00	52.00
Asphalt Projects	40.00	0.00	0.00	0.00	0.00	50.50
Asphalt Sidewalk	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Reconstruction	27.50	0.00	0.00	0.00	0.00	27.50
Concrete Curb Replacement	696.50	712.50	825.25	538.50	0.00	6,069.25
Concrete Flatwork	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
Concrete Pavement Recon	0.00	0.00	0.00	0.00	0.00	0.00
Concrete Sidewalk	180.50	239.50	194.50	273.00	0.00	1,795.50
Coredrilling	0.00	0.00	0.00	0.00	0.00	0.00
Crackfilling	0.00	0.00	0.00	39.00	558.50	1,979.50
Fleet Department Help	0.00	0.00	3.50	0.00	4.50	8.00
Joint Sealing	0.00	0.00	0.00	0.00	0.00	0.00
Leaf Vac	0.00	0.00	0.00	120.50	606.00	726.50
Miscellaneous	45.00	41.00	68.00	61.25	12.50	541.75
Paint Striping	117.00	0.00	181.00	4.50	0.00	468.00
Pipe Inspection	90.50	17.00	33.00	56.50	27.00	444.00
Pipe Maintenance	97.50	13.00	0.00	48.00	0.00	345.00
Pipe Repair	70.50	0.00	17.00	0.00	109.50	240.00
Potholes	67.00	61.00	7.00	20.50	90.50	850.00
Project	10.50	2.00	0.00	0.00	0.00	19.50
Right of Way	2.00	13.50	92.00	81.50	13.50	873.75
Shop/Equipment	535.50	534.25	158.00	319.50	721.50	5,156.50
Sign Department	340.00	289.75	247.75	293.00	230.00	2,945.50
Sign Department Help	8.00	1.50	12.50	12.50	104.00	708.00
Snow Equipment	0.00	0.00	0.00	96.00	173.50	1,064.50
Snow Removal	0.00	0.00	0.00	0.00	16.00	1,498.00
Structure Inspection	14.00	9.50	9.50	32.00	25.00	536.00
Structure Maintenance	18.50	36.50	23.00	39.00	39.00	601.50
Structure Repair	5.00	91.00	205.00	27.00	0.00	653.50
Supervisor	176.00	167.50	160.00	160.00	156.50	1,905.00
Sweeper	129.00	125.50	115.00	136.50	82.00	1,112.00
Sweeper Maintenance	10.00	22.00	16.50	3.50	23.00	183.50
Training-Seminar	83.00	17.00	106.00	56.50	19.00	517.50
TV Inspection	164.00	129.50	150.50	74.00	102.00	1,389.50

YEAR 38,617.50

**BREAKDOWN OF WORK HOURS
STREET DIVISION**

TASKS	HOURS
Snow Removal / Equipment	2,562.50
Right of Way / Miscellaneous	1,415.50
Street Maintenance	6,395.25
Curb Maintenance	6,069.25
Sidewalks	1,795.50
Shop /Equipment	5,156.50
Structure / Pipe Inspection / Maintenance	4,209.50
Training / Seminar / Administration	855.50
Crackfill Program	1,979.50
Sweeper	1,295.50
Signs	3,653.50
Paint Striping	468.00
Fleet Help	8.00
Leaf Vac Program	726.50
City Facilities	122.00
Supervisor	1,905.00
Total Hours Worked	38,617.50

OVERTIME SUMMARY

This summary describes how overtime hours were used in the Street Division in 2010.

CATEGORY	HOURS
Administration	0.50
Asphalt Curbfill	0.00
Asphalt Milling Repair	7.50
Asphalt Park Trail	3.75
Asphalt Projects	0.00
Asphalt Sidewalk	0.00
Asphalt Reconstruction	1.50
Concrete Curb Replacement	26.50
Concrete Flatwork	0.00
Concrete Pavement Patch	0.00
Concrete Pavement Recon	0.00
Concrete Sidewalk	0.00
Coredrilling	0.00
Crackfilling	23.00
Fleet Department Help	0.00
Joint Sealing	0.00
Leaf Vac	0.00
Miscellaneous	0.00
Paint Striping	0.00
Pipe Inspection	1.25
Pipe Maintenance	1.00
Pipe Repair	0.00
Potholes	0.00
Project	0.00
Right of Way	21.25
Shop/Equipment	18.75
Sign Department	1.00
Sign Department Help	0.00
Snow Equipment	0.00
Snow Removal	1,395.50
Structure Inspection	0.00
Structure Maintenance	0.00
Structure Repair	0.00
Supervisor	0.00
Sweeper	2.00
Sweeper Maintenance	0.00
Training-Seminar	1.25
TV Inspection	0.00
TOTAL OVERTIME	1,504.75

YEAR END COMPARISONS

This summary compares work quantities in the Street Department

CONCRETE	UNIT	2004	2005	2006	2007	2008	2009	2010
Curb Replacement	Ln Ft	7,473.00	2,442.00	6,088.00	6,185.00	6,584.00	8,942.00	7,816.00
Sidewalks	Ln Ft	808.00	3,062.00	3,150.00	1,507.00	1565	793.00	1,392.00
Storm Drains	Each	4.00	0.00	0.00	1.00	17.00	44.00	22.00
ASPHALT								
Pothole Repair	Tons	55.51	75.89	47.13	64.02	36.79	29.22	49.09
Milling Repair	Tons	905.99	972.27	1,069.26	1,183.29	1,340.41	1,714.47	1,629.99
Curbfill	Tons	963.05	226.04	814.79	866.18	860.59	1,118.71	1,032.21
Rehabilitation	Tons	428.39	198.00	495.28	142.69	268.69	88.37	7.04
Projects	Tons	37.95	375.95	135.85	122.73	371.03	168.29	122.41
Total Asphalt Used		2,390.89	1,848.15	2,562.31	2,378.91	2,877.51	3,119.06	2,840.74
Street Sweeping	Curbmiles	2,529.00	3,414.00	3,625.00	3,057.00	3,062.50	3,182.00	2,675.00
Leaf Pickup	Cubic Yd	1,278.75	3,369.75	2,622.00	1,074.00	756.00	1,078.00	910.00
Crackfill Sealant	Pounds	32,920.00	29,675.00	37,850.00	28,575.00	25,535.00	34,320.00	21,600.00
STORMWATER								
Storm Sewer TV'd	Ln Ft	70,388.00	132,047.00	99,396.00	31,617.00	33,805.00	65,990.90	39,094.00