

# Memorandum

## City of Lawrence

### Public Works

**TO:** Mark Thiel  
**FROM:** Tom Orzulak, Street Division Manager  
**Date:** 7/20/2010  
**RE:** **2010 Mid-Year Street Division Update**

The City of Lawrence Street Maintenance Division is responsible for 315 center line miles of streets (810 lane miles) with 40 employees. The work force is divided into 4 crews: asphalt, concrete, stormwater, and levee which also does street sweeping and alley maintenance.

The Street Maintenance Division provides a wide range of services, some you would expect and a lot of things you might not.

Our normal activities include pothole patching, curb and gutter repair, City owned sidewalks and wheelchair ramps, crack sealing, street sweeping, snow removal and storm drain and pipe cleaning. These are the things that people see us do every day.

There are a lot of other things that are our responsibility that might be not so obvious.

We take care of 250 miles of open drainage, many of which are in remote areas of the City and not in view of the public. We also take care of the three storm water pump stations in North Lawrence. These pumps keep the underpass on North 2nd street dry and remove up to 22,000 gallons of water per minute from the low lying areas every time it rains.

We also take care of the Kansas River Levee system. The levee covers 2,600 acres and is about 13 miles long. The Levee protects North Lawrence and a large portion of farm land in Douglas County from the Kansas River and Mud Creek. The river levels are monitored by our staff year round and are the first to respond to rising water levels. We also maintain 8 miles of the Levee top for recreation, a popular place for walking, jogging and bike riding.

The Street Division provides traffic control devices for all emergencies such as fires or bad traffic accidents. We are also trained for any natural disasters such as tornadoes or floods and are experts at debris removal and management. We also provide barricades for everything from parades to block parties.

It is safe to say that no matter what happens in Lawrence, the Street Division is there providing service.

So far this year, after the hardest winter in memory, our main thrust has been on patching. Between January 1 and April 30, the majority of all the Street employees were either on snow removal or patching. As of June 30, 2010 we have patched 18,877 holes and used 695.16 tons of asphalt. It should be noted that a lot of time and material was spent on E. 23<sup>rd</sup> Street and Iowa Street that were milled and overlaid or rebuilt. We are still working on arterials and are planning to work more on neighborhood streets during the late summer and fall.

## PROJECTS COMPLETED

1. Airport Hanger apron
2. Right turn lane 25th and Iowa
3. Curb repair Atchison Ave, 30th St, Swartz Rd, Stetson Cir, Monterey Way, 7th St and Alabama, 11th and West Campus Rd, West Hills Pky (east side) and Stratford Rd.
4. The rebuilding of West Hills Terr from West Hills Pky to West Campus Rd that included all curb, sidewalk and pavement.
5. Paving of Locust St, Maple St and 1st St behind Johnny's in conjunction with the Locust and N2nd project.
6. Installed new closed drainage system behind Johnny's in conjunction with the Locust and N2nd project.
7. Repaired the Bowersock Dam spillway, built a service road and site restoration for the Bowersock Dam project.
8. Built a temporary road for the N2nd and Locust project.
9. Installed new catch basins on Tomahawk and Lawrence Ave.
10. Replaced the foot bridge between Burcham and Constant Park with a tube, and repaired the walkway.
11. Cleaned the Pioneer Ridge ditch.
12. Cleaned the University area ditch.
13. Patched Wakarusa Dr. from Inverness to 18th St
14. Graded all alleys in the City 1 time.
15. Swept all City streets one time and all major streets twice.
16. Swept the downtown 4 times.
17. Swept the University area twice.
18. Cleaned 14 miles of storm pipe.
19. Had 2 major snow storms.
20. Responded to 726 e-mail and 1,130 Hot line and phone complaints.
21. Mowed the entire levee 4 times.
22. Mowed approx. 250 acres of right-of-way, City property and drainage ditches.

## PROJECTS IN PROGRESS/PENDING

1. Paving Oread Ave. between 12th and 13th.
2. Paving 13th St from Massachusetts to Connecticut.
3. Concrete patching on Barker and E15th St.
4. Tec-Crete patching on Inverness, N3rd., 31st St, Barker and E15th.
5. Canyon Dr concrete repair.
6. Bardith Ct concrete repair.
7. Curb installation at 6th and Florida.
8. Bob Billing Pky and Bobwhite Dr concrete repair.
9. Longleaf Dr concrete repair.
10. Patching on W15th and Kasold, south of Clinton Pky.

I am sure that a few more projects will be added to the list before the end of the year and we will be ready to fit them in our schedule. As always, we are ready to do whatever needs done.