

**Mission -**

Committed to providing efficient and safe city services that enhance the quality of life for all Newton residents on a daily basis.

Department Goals

1. Provide quality environmental resources (water, wastewater, storm water, solid waste collection) and effective transportation systems (streets, pathways, traffic controls, airport) through engineering and planning functions for the design, construction, and maintenance of city infrastructure.
2. Provide safe and strategic development through the use and implementation of building, housing, & environmental codes, and efficiently maintain all city owned buildings.
3. Serve as city liaison to other agencies, and provide record keeping and reporting for local, state and federal requirements as associated with all public works operations and city infrastructure.

Summary of Major Responsibilities

The City of Newton Engineering Division oversees all infrastructure development in Newton, including roads, streets, drainage improvements, water lines, sewer lines, and City-owned buildings. Building inspection staff administers and enforces building codes within Newton (as well as North Newton and Walton as per contract), including all commercial and residential new construction and remodel projects with a value over \$500. Zoning administration enforces the zoning ordinances, including property use and setback variances.

Major departmental Challenges

1. There has been some talk in the community (especially through Peace Connections Initiatives)

about a rental housing inspection program. Staff has done some research on this type of program to be ready should more information be requested by the public.

2. Continuing to serve as the in-house developer of the KLP is a major challenge from a timing standpoint. The weekly duties associated with the details of the park development take time away from regular assignments and is causing some strain on staff as they struggle to meet all deadlines. This along with more storm water management requirements related to our permit and additional development in the community are proving the need for an additional engineering position.

2010 Accomplishments

- Provided administrative and engineering oversight of the following capital improvement projects:
 - Sewer under I-135 to KLP
 - SE 12th Street Waterline Extension
 - 12th Street Water Tower Reconstruction
 - Springlake Spray Park
- Combined residential and commercial inspections and plan review for a total permit value of \$26,838,387
- In addition to the daily tasks, building maintenance highlights for the year were: oversight on replacement of the Service Center roof, replacement, rebuilding the blow-down solenoid valve on condenser header of the library chiller, replaced blower motor on one of the two tube

heaters in the service center wash bay, removed rubber treads on one flight of stairs at city hall, etc. Our Maintenance Specialist logged hundreds of hours fixing things at the library, fire station, service center, city hall, Warkentin House, and other city properties.

- Responded to 1,330 environmental code violations and issued 43 sidewalk notices that ultimately fixed 7,642 square feet of sidewalk.
- Newton received 35.16" of rain in 2010 in 87 different events. This, along with regular storm water BMP checks, prompted 179 different storm water inspections at construction sites throughout Newton to be in compliance with our Storm Water Phase II NPDES permit.
- Acquired the necessary right-of-way for extension of rail to the KLP and acquired the necessary land for expansion of the KLP in the immediate future.
- Reviewed four new plats and drainage plans for developments, prior to planning and city commission approvals.
- Adopted new FEMA flood plain maps and the associated ordinance as required to remain in the flood insurance program to benefit our citizens.

2011 Objectives

Capital Projects:

- Continue submitting grant proposals for supplemental project funding for Logistics Park, pathway extensions, etc.
- Complete new CIP process and informational reports.
- Finalize SE Water Booster Station plans and implementation for separating the east side pressure zone and bid the project.
- Complete the Hauck Drainage Project at the KLP.
- Bid and build the Logistics Park Paving Improvements and work through the Federal EDA process for funding assistance.
- Begin the design process for phase 2 improvements at the WWTP to meet changing EPA requirements

and capacity issues.

- Bid and build the community hanger W project at the airport.
- Complete Fire Station No. 3 Construction project and associated grant paperwork.

Storm Water Management:

- Work closely with KDHE and the Clean 19 Storm Water Consortium on our next storm water permit and the associated requirements, including updating the city's storm water management plan.

Code Enforcement

- Continue effective code enforcement related to safe building practices and city clean-up. Prepare for a phased building permit process from Tindall Corp. in the fall.

Support Division Operations:

- Work with PIO to develop public education campaign for single stream recycling.
- Work on planning steps for providing services to the airport property that will be annexed in the fall of 2012.

Other Engineering Functions:

- Complete Field Stone Addition Phase 1 public improvements.
- Continue development of the Public Works Lunch-N-Learn sessions for staff.

2012 Objectives

Capital Projects:

- Provide administrative and engineering support for building the improvement projects related to water, sewer, streets, rail, etc. supporting the KLP.
- Provide administrative and engineering support for building the improvement projects necessary to serve our water and sewer customers, i.e. sewer lining projects, the design process for phase 2 improvements at the WWTP to meet changing EPA

requirements and capacity issues, 1st Street water tank refurbishments.

- Provide administrative and engineering support for building the improvement projects necessary to serve the community and city operations, i.e. emergency siren updates, building maintenance improvement projects, S. Kansas mill and overlay, etc.

Storm Water Management:

- Renew our municipal storm water NPDES permit to comply with more stringent rules and regulations that EPA and KDHE will pass on to cities to enforce, i.e. more frequent inspections, turbidity requirements on runoff, new processes for SWPPP and NOI's, etc.

Code Enforcement:

- Perform building inspections on the \$66M Tindall Corp. facility and other new projects. Consider the merits of a rental housing inspection program if requested.

Support Other Division Operations:

- Provide engineering support for the annexation of the Newton City-County airport.
- Provide engineering and administrative support for implementation of single stream recycling.

Division Alignment with City Beliefs

We support **growth** by assisting with the development of efficient, functional land subdivisions and appropriate, compatible land uses.

We preserve the **quality of life** through the enforcement of building, zoning, environmental codes, and construction standards, ensuring quality buildings and clean neighborhoods.

We enhance the **health and safety** by the application of the MUTCD as well as the life safety provisions of the building, fire, plumbing, electrical, mechanical, and property maintenance codes.

We show **respect for the environment** by keeping model codes up to date, which contain new provisions for energy efficiency and sustainability of buildings We implement water quality standards both during and after construction.

We support and encourage **civic engagement** through citizen participation on the planning commission and four advisory boards, drawing from the expertise and experience of each individual. We strive to educate the public on stormwater management issues and give school presentations to show public works functions. We respond to many citizen questions through the Kansan's Go-To-Gal.

We strive to be **fiscally responsible** by efficient operation, collection of user fees, and revenues from engineering services. We apply for grants to provide supplemental project funding when possible.

We are applying **progressive and innovative solutions** by seeking sustainable designs of capital projects. We are also reducing hard copy records to digital form and providing access to data forms and procedures via the City of Newton website.

DEPARTMENT EXPENDITURES	ACTUAL			ADOPTED	ADOPTED
	2008	2009	2010	2011	2012
PERSONAL SERVICES	\$ 328,758	\$ 375,873	\$ 366,088	\$ 394,706	\$ 382,335
CONTRACTUAL SERVICES	\$ 20,166	\$ 26,615	\$ 15,190	\$ 28,840	\$ 16,585
COMMODITIES & SUPPLIES	\$ 5,417	\$ 6,407	\$ 9,496	\$ 9,850	\$ 8,000
VEHICLE OPERATING	\$ 11,361	\$ 10,253	\$ 7,724	\$ 14,000	\$ 6,380
CAPITAL OUTLAY	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFERS	\$ 15,000	\$ 15,000	\$ 8,000	\$ 16,000	\$ 21,333
	\$ 380,702	\$ 434,148	\$ 406,498	\$ 463,396	\$ 434,633

ENGINEERING STAFFING TABLE						
Position	F/P	STAFFING LEVELS				
		2009	2010	2011	2012	
City Engineer/Director Public Works	F	1	1	1	1	
Building & Zoning Administrator	F	1	1	1	1	
Engineer	F	1	1	1	1	
Engineering Technician	F	1	1	1	1	
Commercial Bldg. Inspector	F	1	1	1	0	
Commercial Bldg. Inspector	P	0	0	0	1	
Building Inspector	F	1	1	1	1	
Environmental Control Officer	F	1	1	1	1	
Stormwater Technician	F	1	1	1	1	
Bldg Maint. Specialist	F	1	1	1	1	
Bldg Maint. Asst./Janitor	F	1	1	1	1	
Engineering Secretary	F	1	1	1	1	
Total Part Time		0	0	0	1	
Total Full Time		11	11	11	10	

Performance Indicators	2010	2011	2012
	Actual	Projected	Estimated
Environmental Inspections	1,333	1,100	1,200
Building Inspections (Commercial)	902	438	1,100
Building Inspections (Residential)	796	735	900
Building Permits (\$000)	26,838	12,000	20,000
New Dwelling Starts	20	15	20