

**To the Mayor and Members of the City Council**

**April 21, 2015**

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**SUBJECT: 15 Year Budget History – Stormwater Utility**

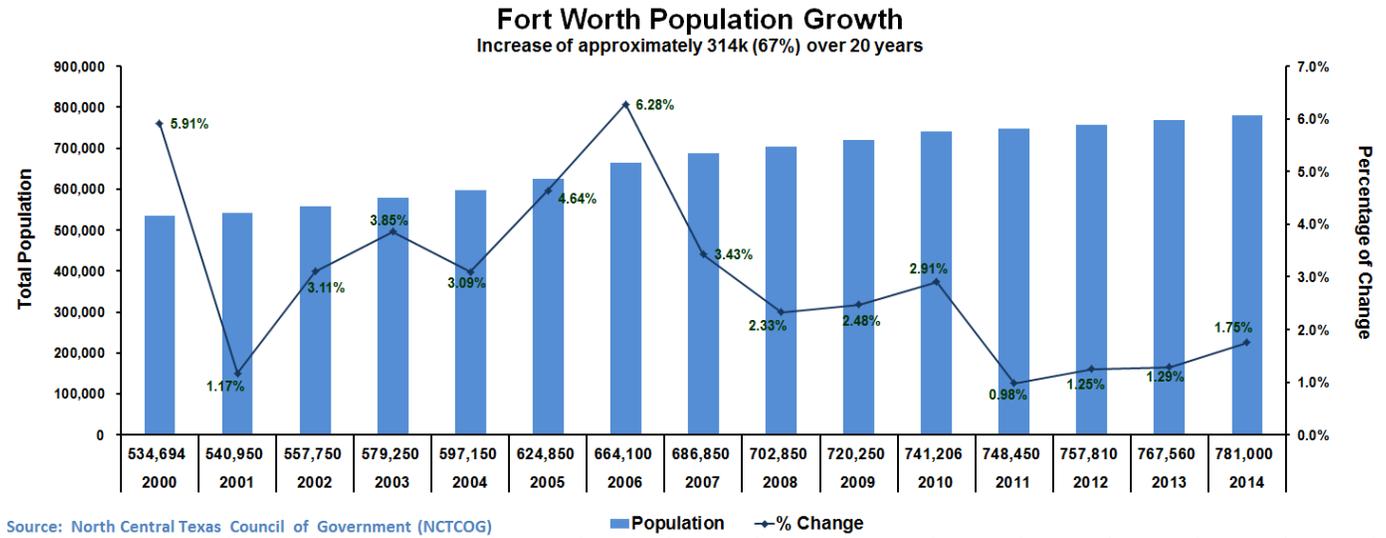
In an effort to provide a framework for current and future budget requests, staff will be providing 15 years of historical data by department over the next several months. Data will include Fiscal Year 2000 through Fiscal Year 2015.

In graph format, the data will include the following components:

1. Population
2. Square Miles
3. Impact of Growth in Population
4. Adopted Budget with Square Mileage

Population

From 2000 to 2015, the population in Fort Worth has grown by 246,306 new citizens or about 46 percent. This trend is expected to continue as Fort Worth continues to be singled out as one of the fastest growing cities both in Texas and America.



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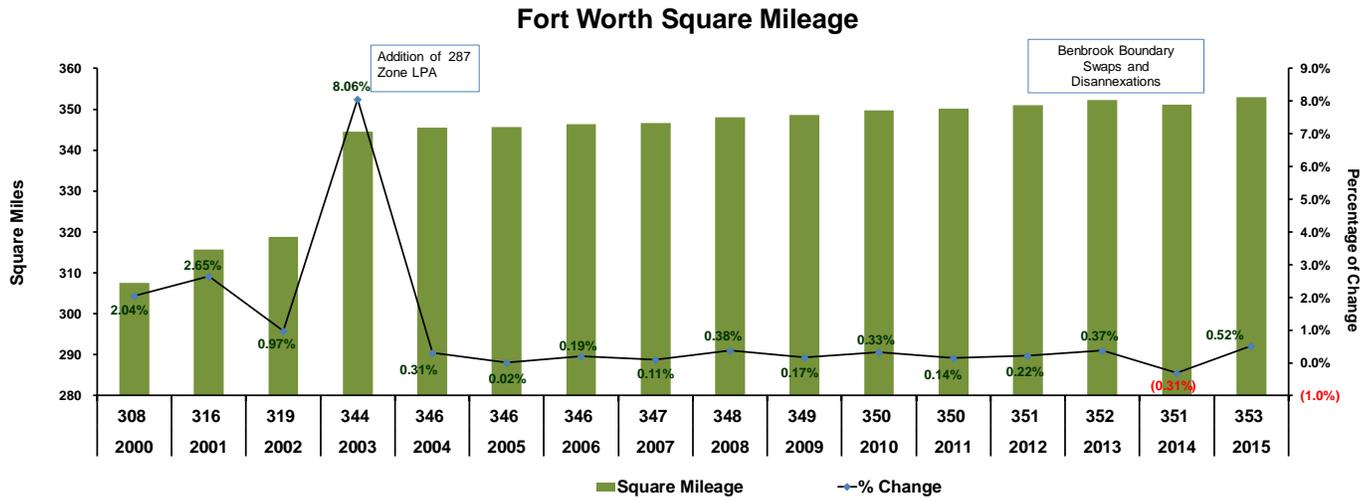
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Square Miles

By comparison, the square mileage in the City has grown from 308 to 353 square miles, or 15 percent. The 25 mile increase from 2002 to 2003 included the annexation of 7,744 acres known as 287 Zone LPA (M&C PZ-2438).



Impact of Growth in Population

Prior to the Stormwater Utility being created in 2006, Drainage functions were supported within the General Fund, Transportation and Public Works Department, with 47 staff and direct costs of \$3,342,762. Drainage related capital projects competed with other General Fund capital needs supported by General Obligation Bonds.

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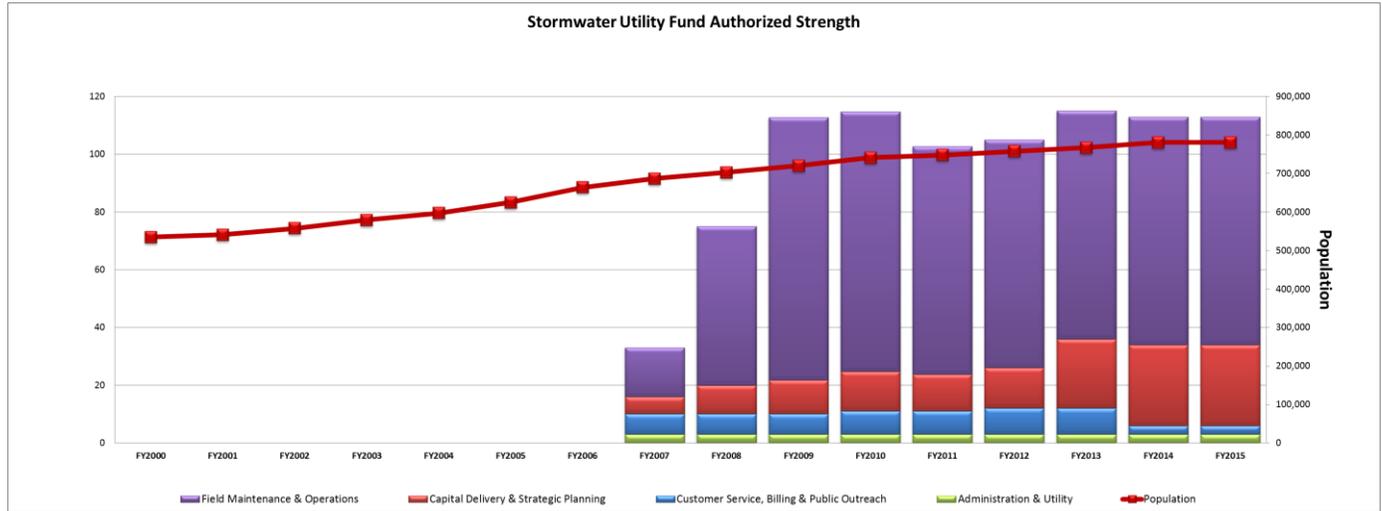
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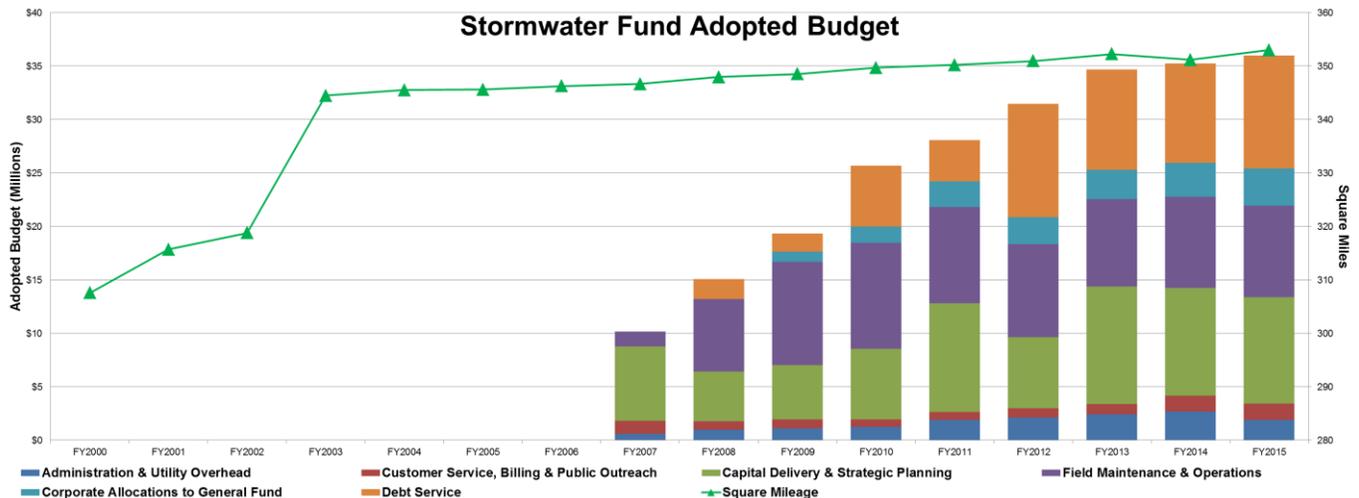
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The Stormwater Utility Fund increased from 33 staff members in 2007 to 113 in 2015.



Adopted Budget with Square Mileage

The annual budget for Stormwater Utility increased from a total of \$10M in FY2007 to \$36M in FY2015.



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- Through 1990's
  - Average of 25 maintenance personnel funded in the General Fund, Transportation and Public Works Department - performed all channel maintenance and repair of the City's deteriorating storm drain infrastructure
  - No dedicated drainage engineering staff
- Early 2000's
  - Major flooding
    - Two vehicles were swept off of flooded roadways in separate incidents, leading to five deaths.
    - An estimated 300 homes and businesses flooded.
- 2006
  - Establishment of Stormwater Utility
    - Planned two-year transition of 47 drainage staff from General Fund to Stormwater Utility Fund
    - Plan to increase funding from \$3.3M/year (previously dedicated in the General Fund) to \$32M/year by FY2011 from dedicated Utility fees
    - Goal of:
      - Aggressive maintenance
      - Aggressive master planning program to identify and prioritize project needs
      - Moderate Capital Improvement Program (CIP)
        - Estimated identified back log of critical drainage needs at \$500M+

The significant changes to the department, both in authorized positions and budget, are as follows:

- FY2006 – FY2007 – The adopted budget included \$4,035,710 for consultants and professional services for multiple consulting contracts to design capital improvement projects; \$3,648,202 for the transfer of positions from the General Fund and reorganization of positions for an independent Utility Fund; \$1,536,500 for establishment of heavy equipment and vehicles for the Utility and \$812,662 to reimburse the General Fund and Water & Sewer Fund for overage positions and SO1s used for the implementation phase of the Stormwater Utility Fund, prior to the creation of this fund in the FY2006-FY2007 budget.
- FY2007 – FY2008 – Transfer of remaining 31 authorized positions (APs) from the General fund for Field Operations and Customer Investigations and addition of 11 new positions. The adopted budget increased by \$2,444,669 for the salary and administrative. The adopted budget increased by \$2,444,669 for the salary and administrative costs for the additional positions; \$385,300 for contract accounts; \$1,899,564 for Debt Service reflecting implementation of a Revenue Bond program to finance Stormwater Capital Projects and \$747,700 for supply accounts.

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- FY2008 – FY2009 – Addition of 36 authorized positions (APs) to expand capability of Field Operations Maintenance for channel reconstruction, maintenance, repair and minor construction of storm water infrastructure, emergency response and two authorized positions for GIS infrastructure mapping and assessment. The adopted budget increased by \$1,132,576 for salaries and costs associated with the additional staff, which included the conversion of ten existing temporary positions to permanent positions. In addition there were increases for consultant and professional services in the amount of \$1,109,750; pavement materials and concrete in the amount of \$845,466; the introduction of a Corporate Allocation to the General Fund for Street Rental fees in the amount of \$751,760; vehicle fuel and repairs in the amount of \$540,757; rental of field equipment in the amount of \$305,600 and administrative service charges in the amount of \$201,604. The adopted budget decreased by \$150,000 for the elimination of five temporary positions; \$1,400,699 in transfers outs reflecting the transition to Revenue Bond capital project funding; \$416,732 in one-time vehicle purchases and \$221,464 for revenue bond principle and interest.
- FY2009 – FY2010 – Addition of two authorized positions (APs) in Floodplain Management and Capital Project Program. The adopted budget increased by \$125,814 for salaries and costs associated with the additional staff; \$4,028,888 for principal, interest and handling charges necessary to service the debt associated with the Series 2009 Revenue Bonds; \$1,400,000 for consultant and professional services; \$665,696 for contractual services; \$562,377 for Street Rental Fees; \$305,600 for rental of field equipment; \$465,190 for replacement vehicles; \$191,312 for additional contribution to Retiree Healthcare and \$88,669 for an increase in contribution to the employee retirement fund. The budget decreased by \$265,626 for the implementation of eight mandatory furlough days.
- FY2010 – FY2011 – Reduction of twelve authorized positions (APs) with a reorganization of the Field Operations section and a decision to increase the utilization of contracted work. The adopted budget increased by \$1,785,000 for consultant and professional services continuing the multi-year GIS mapping program; corporate allocations to the General Fund increased by \$1,649,922 for payment in lieu of taxes, loans and the first year of ERP Phase II; \$1,500,000 for capital storm drain improvement; \$765,269 for various maintenance, vegetation, mowing and technology contracts; \$414,500 for motor vehicles; \$150,984 for eliminated furlough days; \$123,930 for the City's contribution to retirement and \$83,472 for group health based on plan migration, turnover, and a 15% increase in the city's contribution to group health. The adopted budget was decreased by \$871,112 due to the reduction in staff; \$1,834,227 due to lower interest payments; \$465,502 for reduced paving materials; \$366,213 for the elimination of additional contribution to Retiree Healthcare; \$224,303 for reduction of motor vehicle fuel and \$200,000 for a reduction in scheduled temporaries.
- FY2011 – FY2012 – Addition of 2.25 authorized positions (APs) including the conversion of one temporary Public Education Program Coordinator to permanent status to initiate and coordinate all Utility related public education, outreach and engagement, and manage public information and media relations on Stormwater issues. Additionally, the position provides residents and media with communication regarding complex Stormwater studies, capital

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improvement projects, and public safety messages regarding dangerous flooding events. The adopted budget increased by \$186,536 for one IT programmer to provide on-going maintenance for the newly developed GIS Stormwater Asset Database and the increase of 0.25 of a graduate engineer position, converting the position to a full 40 hour week position; \$6,736,195 for principal and interest on revenue bonds; \$599,000 for heavy equipment and motor vehicles; \$162,247 for a 3% salary increase for to all general employee; \$100,000 for contingency purchases of tax foreclosed properties in the FEMA floodplain; \$84,686 for the contribution to OPEB; \$69,171 for workers compensation and \$50,252 for IT allocations. The adopted budget decreased by \$2,350,000 for consultants and professional services; \$1,500,000 in intra-fund transfers for Pay/Go Capital funding and \$1,047,950 in other contractual expenses.

- FY2012 – FY2013 – Addition of ten authorized positions (APs) to support Capital Delivery and Strategic Planning and reduce reliance on costly consultant contracts. Funding provided the conversion of consultant contracts to add three City staff Project Managers for the management of capital projects. One Sr. Professional Engineer was added for consolidation and managing on-going water quality improvement program in response to TCEQ mandates, the City's sustainability goals, and the Utility's goal of effectively managing all aspects of Stormwater runoff. One Sr. Engineering Technician was added to provide technical assistance to the Stormwater engineering planning group, in the development of the City's Stormwater Master Plan. One Professional Engineer was added to provide staff oversight for the capital project feasibility study program and strategic planning studies to develop flood mitigation strategies across the city. One Sr. Administrative Assistant position was converted from an overage to a full time position to support the Stormwater Capital Projects group and eliminate a contracted position. One Graduate Engineer position was added to convert a filled overage providing development plan reviews associated with plats, CFA's, building permits, gas well site development, City capital projects, and provide citizen support for the coming new grading permit. One IT Programmer Analyst II position was added to administer and support the Accela Mobile Workorder & Asset Management System implemented. The adopted budget increased by \$659,411 for salaries and costs associated with the additional staff; \$2,510,055 for transfers to the Stormwater Capital Project Fund; \$1,701,000 in contractual services; \$158,738 for Street Rental fees; \$103,625 for payment in lieu of taxes; \$100,835 for IT supplies associated with mobile field units; \$99,400 for ESD allocations; \$84,686 for contribution to OPEB; \$82,464 for group health based on plan migration, turnover, and a 15% increase in the city's contribution to group health and \$73,886 for facility rentals. The adopted budget decreased by \$785,449 in consultants and professional services; \$298,010 for vehicles and \$126,000 in overtime.
- FY2013 – FY2014 – Addition of four authorized positions (APs), three positions supported the Stormwater Development and one position supported floodplain management with the expansion of two FEMA programs (CRS/CTP). Six authorized positions (APs) were transferred to Water and Sewer Fund as customer billing and revenue collection will be managed by the Water Department and reimbursed through a cost of service allocation increasing intra-fund transfers by \$415,469. The adopted budget increased by \$292,334 for salaries and costs

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associated with the additional staff; \$450,449 for consultants; \$415,469 for intra fund transfers; \$296,070 for payment in lieu of taxes; \$169,000 for construction and maintenance equipment; \$100,000 for engineering services and \$77,564 for administrative services. The adopted budget decreased by \$351,000 for salaries and costs associated with the six authorized positions transferred to Water and Sewer Fund; \$1,478,440 in contractual services due to completion of major initiatives; \$173,290 in vehicles; \$99,200 in postage and \$71,546 for group health based on plan migration, turnover and a 2.7% increase in the City's contribution to group health.

- FY2014 – FY2015 – The budget increased by \$375,726 for intra fund transfer; \$326,559 in contractual services; \$324,807 for the 4% salary increase, plus the additional 1% payroll increase; \$241,563 for payment in lieu of taxes; \$107,196 for group health based on plan migration and turnover and \$29,092 for administrative services. The adopted budget decreased by \$1,182,766 for reduction in anticipated planning studies; \$305,306 for reduction in ERP funding; \$96,994 for reduced software fees; \$71,864 for reduced operating supplies; \$40,882 for reduced trend in workers compensation and \$16,200 for vehicles.

The Stormwater Utility Fund was established in FY2007 to address flooding in Fort Worth, preserve streams, minimize water pollution and operate the storm water system in a more effective manner and fully comply with state and federal regulatory requirements. Since then the fund has continued to grow and change in order to meet the city's needs.

Hopefully you will find this additional information helpful. If you have any questions, please call Doug Wiersig, Transportation and Public Works Director, at 817-392-7801, or Aaron Bovos, Financial Management Services Director, at 817-392-8517.

**David Cooke**  
**City Manager**