



Biennial Impervious Audit
Utility Customer Service
TTI Committee – January 9, 2017

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Resource Management Division



CITY OF HOUSTON
PUBLIC WORKS
& **ENGINEERING**
UTILITY
CUSTOMER
SERVICE

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Executive Summary

Drainage Utility Charge

- Dedicated Drainage & Street Renewal Fund (DDSRF) established in 2011 by Ordinance
- Drainage Utility Charge represents apx 42% of ReBuild Houston revenue through FY16

Fiscal Year	Drainage Utility Charge	Impact Fee	Ad Valorem	Third-Party	FY total
FY12	\$117,628,000	\$0	\$9,193,000	\$147,310,000	\$274,131,000
FY13	\$107,051,000	\$0	\$10,897,000	\$110,707,000	\$228,655,000
FY14	\$108,391,000	\$52,000	\$22,084,000	\$126,703,000	\$257,230,000
FY15	\$114,257,000	\$429,000	\$41,348,000	\$123,695,000	\$279,729,000
FY16	\$112,650,000	\$539,000	\$50,700,000	\$114,808,000	\$278,697,000
Totals	\$559,977,000	\$1,020,000	\$134,222,000	\$623,223,000	\$1,318,442,000
% of total	42.47%	0.08%	10.18%	47.27%	100.00%

Background

Drainage Utility Charge

- Drainage utility charged to all benefitted properties within the City
- Drainage charge based on amount of impervious surface
- Typical impervious areas include driveways, bricks, pavers, concrete, asphalt, compacted gravel, parking lots, etc

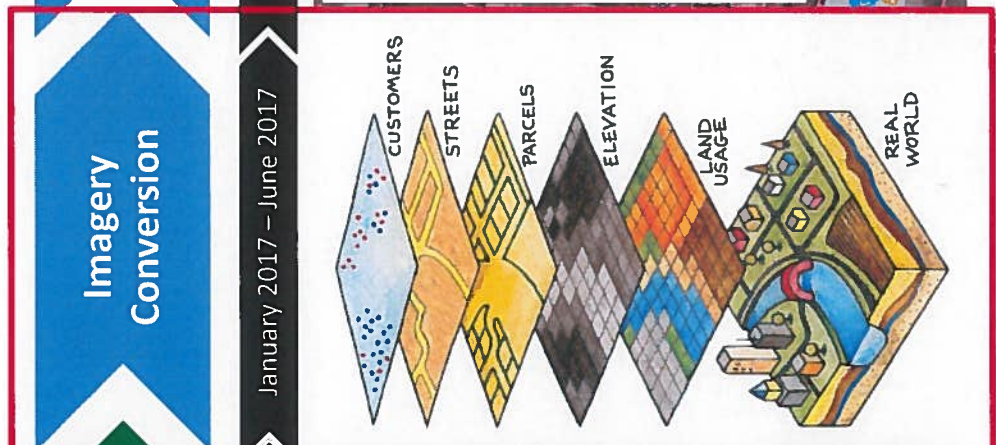
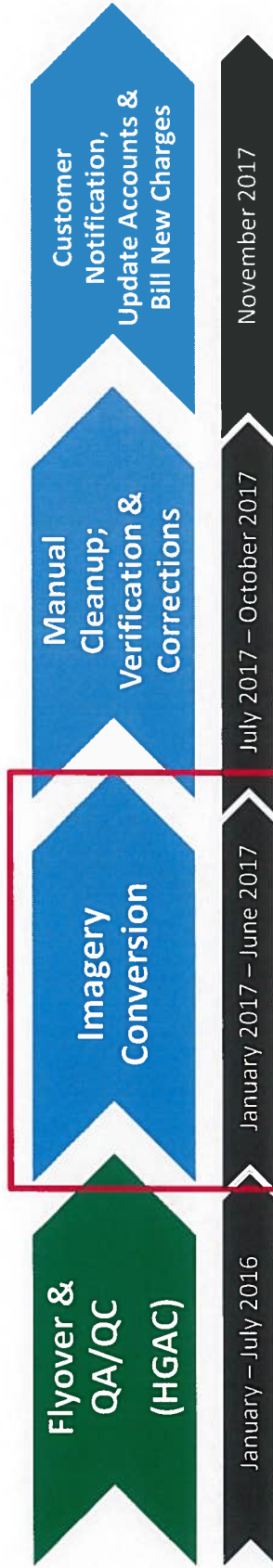
Article XIV – Municipal Drainage Utility System

Section 47-822 Drainage Charge Established

- (c) All drainage charges shall be calculated by multiplying the appropriate rate per square foot of impervious surface as specified in the city fee schedule by the area in square feet of impervious surface on each benefitted property.
- (d) The area of impervious surface on each benefitted property shall be determined on the basis of property inspections, appraisal district data, and/or the most current digital map data associated with tax plats and assessment rolls or other similar reliable data as shall be determined by the director.

Biennial Impervious Audit

Deliverables and Timeline



The screenshot displays a software interface with a white information box overlaid on an aerial map. The information box contains the following data:

Property Information:	3926 DALLAS ST 77023
Property Location and Description:	Curb and Cutter
Primary Drainage Method Used by Property:	0550950000007
Appraisal District Property Number:	12418001
UCS Account Number:	RESIDENTIAL - SINGLE FAMILY
Type of Property:	3,153 Sq. Ft.
Your Drainage Utility Charge Determination:	No
Impervious Surface Area:	30.032 per Sq. Ft. of Impervious Surface
Exemption Status:	\$100.89 (\$0.032 x 3,153 Sq. Ft.)
Drainage Rate Applicable to this Property:	\$9.41
Annual Drainage Utility Charge:	2,153 Sq. Ft.
Estimated Monthly/Quarterly Drainage Utility Bill:	\$68.90
Adjusted Impervious Surface Area (-1000 Sq. Ft.):	\$5.74
Adjusted Annual Drainage Utility Charge:	
Adjusted Monthly/Quarterly Drainage Utility Bill:	

Changes based on best available data

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Request for Council Action

Approve Spending Authority – GISinc

- Imagery conversion to develop an impervious cover layer to support biennial impervious audit
 - Consistent methodology to assess drainage charge
 - Validate accuracy of current drainage utility charge
- Total contract amount for 3 biennial audits over several years not to exceed \$300,000
- GSA Schedule 70 Contract GS-35F-0682R
- Planned & Budgeted in FY17 (Fund 2310)

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Questions

