

# AGENDA

CITY OF HOUSTON ■ CITY COUNCIL  
September 9 & 10, 2014

**MAYOR**  
ANNISE D. PARKER

**CONTROLLER**  
RONALD C. GREEN

## DISTRICT COUNCIL MEMBERS

Brenda Stardig  
District A

Richard Nguyen  
District F

Jerry Davis  
District B

Oliver Pennington  
District G

Ellen R. Cohen  
District C

Edward Gonzalez  
District H

Dwight A. Boykins  
District D

Robert Gallegos  
District I

Dave Martin  
District E

Mike Laster  
District J

Larry V. Green  
District K

## AT-LARGE COUNCIL MEMBERS

Stephen C. Costello  
Position 1

Michael Kubosh  
Position 3

David W. Robinson  
Position 2

C.O. "Brad" Bradford  
Position 4

Jack Christie D.C.  
Position 5

Marta Crinejo  
Director - City Council Agenda

Anna Russell  
City Secretary

In accordance with the Texas Open Meetings Act the agenda is posted for public information, at all times, for at least 72 hours preceding the scheduled time of the meeting on the bulletin board located on the exterior wall of the City Hall building at 901 Bagby.

Copies of the agenda are available at no charge in the Office of the City Secretary in the City Hall Annex, Public Level. To receive the agenda by mail send check or money order for \$52.00 for a one year subscription, made payable to the City of Houston to the attention of the City Secretary, P.O. Box 1562, Houston, Texas 77251. The agenda may also be accessed via the internet at <http://www.houstontx.gov>.

To reserve time to appear before Council call 832-393-1100 or come to the Office of the City Secretary, City Hall Annex, Public Level at least 30 minutes prior to the scheduled public session shown on the agenda.

**NOTE: If a translator is required, please advise when reserving time to speak**

**AGENDA - COUNCIL MEETING Tuesday, September 9, 2014 - 1:30 AM**  
**CITY HALL CHAMBER**

**INVOCATION AND PLEDGE OF ALLEGIANCE - Council Member Costello**

**1:30 AM - ROLL CALL**

**ADOPT MINUTES OF PREVIOUS MEETING**

**PUBLIC SPEAKERS** - Pursuant to City Council Rule 8, City Council will hear from members of the public; the names and subject matters of persons who had requested to speak at the time of posting this Agenda are attached; the names and subject matters of persons who subsequently request to speak may be obtained in the City Secretary's Office.

**NOTE: If a translator is required, please advise when reserving time to speak**

**RECESS**

**RECONVENE**

**WEDNESDAY - SEPTEMBER 10, 2014 - 9:00 A. M.**

DESCRIPTIONS OR CAPTIONS OF AGENDA ITEMS WILL BE READ BY THE  
CITY SECRETARY PRIOR TO COMMENCEMENT

**9:00 A.M. - REPORT FROM CITY CONTROLLER AND THE CITY ADMINISTRATION REGARDING THE CURRENT FINANCIAL STATUS OF THE CITY** including but not limited to, a revenue, expenditure and encumbrance report for the General Fund, all special revenue funds and all enterprise funds, and a report on the status of bond funds and a Quarterly Investment Report by the City Controller

**MAYOR'S REPORT**

**CONSENT AGENDA NUMBERS 1 through 22**

**MISCELLANEOUS**

1. RECOMMENDATION from Director of Parks & Recreation Department to approve revised rental rates for the Kingwood Community Center and the renovated and expanded Moody Park Community Center - **DISTRICTS E - MARTIN and H - GONZALEZ**
2. RECOMMENDATION from Director of Finance to place the proposed 2014 tax rate of \$.631080/\$100 of value on the Tuesday October 21, 2014 Council Agenda, or such other date that meets the requirements of the Texas Property Tax Code, call three public hearings at which interested persons will be given the opportunity to be heard on the proposed tax rate and provide for the publication of the notice of such hearings and other related information  
**SUGGESTED HEARING DATES:**  
6:00 P.M. - Tuesday - September 23, 2014;  
6:00 P.M. - Tuesday - September 30, 2014; and  
9:00 A.M. - Wednesday - October 8, 2014

**PROPERTY**

3. RECOMMENDATION from Director Department of Public Works & Engineering on request from David Brewer, Brewer Escalante, on behalf of F. L. Tucker, Ltd. (Kurt M. Hanson, Vice President) and Crown Business Park, Inc. (M.J. Iqbal, Owner), for abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rossllyn Addition, out of the Joseph Box Survey, Parcels SY14-109 and SY14-133 - **DISTRICT A - STARDIG**
4. RECOMMENDATION from Director Department of Public Works & Engineering on request from Richard Werner, Drake Custom Homes, for abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey, Parcels SY14-112 and DY14-050 - **DISTRICT C - COHEN**

## **ORDINANCES**

5. ORDINANCE approving and authorizing contract between the City and the **TEXAS DEPARTMENT OF AGING AND DISABILITY SERVICES (DADS)** for the Development and Implementation of an Aging and Disability Resource Center (ADRC) for Transitional Housing Assistance and other ADRC Services for older adults; declaring the City's eligibility for the contract grant funds; authorizing the Director of the Health & Human Services Department to accept and expend such grant funds, and accept all subsequent awards, if any, pertaining to the ADRC Services - \$511,899.00 - Grant Fund
6. ORDINANCE approving and authorizing ninth amendment reinstating and extending the CDBG - Disaster Recovery Grant Contract, GLO Contract No. 09-6852-000-5275, Formerly referred to as the Texas Department of Housing and Community Affairs Community Development Program Contract No. 70090001, between the City of Houston and the **TEXAS GENERAL LAND OFFICE** for Hurricane Ike/Dolly Funding under the Consolidated Security Disaster Assistance and Continuing Appropriations Act of 2009
7. ORDINANCE appropriating \$6,180,594.00 out of Parks Consolidated Construction Fund to fulfill the obligations of the City in the Interlocal Agreement for Bayou Greenways 2020 between the City of Houston and **THE HOUSTON PARKS BOARD LGC** approved by Ordinance 2013-635, passed on June 26, 2013 - **DISTRICTS A - STARDIG; B - DAVIS; C - COHEN; D - BOYKINS; I - GALLEGOS and K - GREEN**
8. ORDINANCE approving and authorizing the City of Houston, Texas, as Grantor, to convey to the **HOUSTON DOWNTOWN PARK CORPORATION**, as Grantee, an easement in certain real property located within the Convention District Garage across from George R. Brown Convention Center, Houston, Texas - **DISTRICT I - GALLEGOS**
9. ORDINANCE relating to the Fiscal Affairs of the **CITY PARK REDEVELOPMENT AUTHORITY on behalf of REINVESTMENT ZONE NUMBER TWELVE, CITY OF HOUSTON, TEXAS (CITY PARK ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Authority - **DISTRICT C - COHEN**
10. ORDINANCE relating to the Fiscal Affairs of the **SOUTH POST OAK REDEVELOPMENT AUTHORITY on behalf of REINVESTMENT ZONE NUMBER NINE, CITY OF HOUSTON, TEXAS (SOUTH POST OAK ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Authority - **DISTRICT K - GREEN**
11. ORDINANCE relating to the Fiscal Affairs of the **SAINT GEORGE PLACE REDEVELOPMENT AUTHORITY on behalf of REINVESTMENT ZONE NUMBER ONE, CITY OF HOUSTON, TEXAS (SAINT GEORGE PLACE ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Authority and the Fiscal Years 2015-2019 Capital Improvements Budget for the Zone - **DISTRICTS G - PENNINGTON and J - LASTER**
12. ORDINANCE approving and authorizing contract between the City of Houston and the **HOUSTON ARTS ALLIANCE** for Professional Civic Art and Conservation Administration Services for the Houston Airport System; providing a maximum contract amount; providing funding for contingencies - 1 Year - **DISTRICTS B - DAVIS; E - MARTIN and I - GALLEGOS**
13. ORDINANCE amending Ordinance 2012-684 to increase the maximum contract amount to the Pension Actuarial Consulting Services Agreement between the City and **RETIREMENT HORIZONS INC**
14. ORDINANCE establishing the north side of the 500 block of Caplin Street, between Lazaras and Helmers Streets, within the City of Houston as a special minimum lot size block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas - **DISTRICT H - GONZALEZ**
15. ORDINANCE establishing the south side of the 1600 block of Fairview Street, between Yupon and Windsor Streets, within the City of Houston as a special minimum lot size block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas
16. ORDINANCE establishing the south side of the 1600 block of Fairview Street, between Yupon and Windsor Streets, within the City of Houston as a special minimum building line block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas - **DISTRICT C - COHEN**
17. ORDINANCE establishing the north and south sides of the 300 block of Teetshorn Street, between Sabine and Florence Streets, within the City of Houston as a special minimum lot size block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas - **DISTRICT H - GONZALEZ**
18. ORDINANCE approving Water Conservation Plan for municipal uses and an Updated Drought Contingency Plan for the City of Houston
19. ORDINANCE appropriating \$5,000.00 out of Metro Projects Construction DDSRF; approving and authorizing Advanced Funding Agreement between the City of Houston and the **TEXAS DEPARTMENT OF TRANSPORTATION** for Installation of Traffic Signal Control Software at Signalized Intersections within the City of Houston

20. ORDINANCE approving and authorizing a cooperative development agreement between the City of Houston, **HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 498, PB COMMERCIAL, LLC, GGA/REDDY FAMILY LIMITED PARTNERSHIP, HRRT MANAGEMENT SERVICES, LLC, INTERNATIONAL BANK OF COMMERCE, MALLADI S. REDDY & PRAVANI REDDY, DOLEX INVESTMENTS, INC.** for Buffalo Speedway Design Modification; finding and determining that public convenience and necessity no longer require the continued use of (1) a portion of Buffalo Speedway, from the northern boundary line of the Wildcat Park Subdivision south approximately 2,100 feet, and (2) a portion of wildcat park drive, from the western boundary line of the wildcat park subdivision east approximately 1,264 feet, both within the Wildcat Park Subdivision, Harris County, Texas; vacating and abandoning the street rights-of-way to PB Commercial, LLC ("abutting owner"); approving and authorizing payment for related title services not to exceed \$100,000.00; approving and authorizing the execution and recording of a memorandum of street abandonment - **DISTRICT K - GREEN**
21. ORDINANCE appropriating \$7,564,000.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **INDUSTRIAL TX, CORP.** for Sims Bayou South Wastewater Treatment Plant Improvements; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering, testing, CIP Cost Recovery, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund - **DISTRICT I - GALLEGOS**
22. ORDINANCE appropriating \$2,767,566.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC** for Wastewater Collection System Rehabilitation and Renewal; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering and testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4235-74)

**END OF CONSENT AGENDA**

**CONSIDERATION OF MATTERS REMOVED FROM CONSENT AGENDA**

**MATTERS HELD**

23. ORDINANCE relating to the Fiscal Affairs of **LAKE HOUSTON REDEVELOPMENT AUTHORITY** on behalf of Reinvestment Zone Number Ten, City of Houston, Texas (Lake Houston Zone); approving the Fiscal Year 2015 Operating Budget for the Authority and the Fiscal Year 2015-2019 Capital Improvement Projects Budget for the Zone - **DISTRICT E - MARTIN**  
**TAGGED BY COUNCIL MEMBER MARTIN**  
This was Item 23 on Agenda of September 3, 2014
24. ORDINANCE relating to the Fiscal Affairs of **REINVESTMENT ZONE NUMBER SIX, CITY OF HOUSTON, TEXAS (EASTSIDE ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Zone - **DISTRICTS E - MARTIN and I - GALLEGOS**  
**TAGGED BY COUNCIL MEMBER MARTIN**  
This was Item 25 on Agenda of September 3, 2014

**MATTERS TO BE PRESENTED BY COUNCIL MEMBERS - Council Member Green first**

**ALL ORDINANCES ARE TO BE CONSIDERED ON AN EMERGENCY BASIS AND TO BE PASSED ON ONE READING UNLESS OTHERWISE NOTED, ARTICLE VII, SECTION 7, CITY CHARTER**

**NOTE** - WHENEVER ANY AGENDA ITEM, WHETHER OR NOT ON THE CONSENT AGENDA, IS NOT READY FOR COUNCIL ACTION AT THE TIME IT IS REACHED ON THE AGENDA, THAT ITEM SHALL BE PLACED AT THE END OF THE AGENDA FOR ACTION BY COUNCIL WHEN ALL OTHER AGENDA ITEMS HAVE BEEN CONSIDERED.

CITY COUNCIL RESERVES THE RIGHT TO TAKE UP AGENDA ITEMS OUT OF THE ORDER IN WHICH THEY ARE POSITIONED IN THIS AGENDA. ALSO, AN ITEM THAT HAS BEEN TAGGED UNDER CITY COUNCIL RULE (HOUSTON CITY CODE 2-2) OR DELAYED TO ANOTHER DAY MAY BE NEVERTHELESS CONSIDERED LATER AT THE SAME CITY COUNCIL MEETING.

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District E, District H

Item Creation Date: 9/2/2014

P&R Kingwood and Moody Rental Rates

Agenda Item#: 1.

**Summary:**

RECOMMENDATION from Director of Parks & Recreation Department to approve revised rental rates for the Kingwood Community Center and the renovated and expanded Moody Park Community Center - **DISTRICTS E - MARTIN and H - GONZALEZ**

**Background:**

The Houston Parks and Recreation Department (HPARD) requests approval of a motion to establish non-profit event rental rates for the Kingwood Community Center located at 4102 Rustic Woods Drive and a rental rate schedule for the Moody Park Community Center located at 3725 Fulton. The Kingwood Community Center is an 11,200 square-foot facility with 2 meeting rooms, an auditorium which can be divided in half and has built in audio-visual equipment, a fully furnished commercial kitchen, a kitchen servery, a lobby, and office/reception areas. The community center is available for rental to host wedding receptions, parties, meetings, workshops, and specialty classes. In order to be consistent with all other HPARD community centers throughout the City, HPARD requests approval of a Motion to establish a revised rental rate schedule that includes rates for non-profit events. The recently renovated and expanded Moody Park Community Center is an 18,500 square-foot facility with a large multi-purpose meeting room with servery, two meeting rooms (also called vocational rooms), and an outdoor courtyard with unique paving that ties the outdoor space to the indoor spaces. The community center is available for rental to host weddings receptions, parties, meetings, workshops, and specialty classes. HPARD requests approval of a Motion to establish revised rental rates to reflect the new spaces available for rental. Attached are two tables of the proposed rental rates for Kingwood Community Center and Moody Park Community Center. All rates are subject to the annual Consumer Price Index increase. Council approval of the proposed rental rate changes is recommended.

**Prior Council Action:**

Motion No. 2012-0657

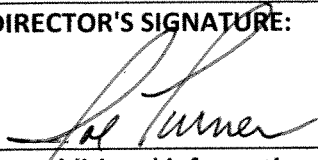
**Contact Information:**

Luci Correa, 832-395-7057

**ATTACHMENTS:**

Description	Type
☐ Kingwood and Moody Rental Rates RCA and Rental Rates	Financial Information

**REQUEST FOR COUNCIL ACTION**

<b>TO:</b> Mayor via City Secretary				
<b>SUBJECT:</b> Motion to approve revised Kingwood and Moody Community Center rental rates		Category #	Page 1 of 1	Agenda Item
<b>FROM (Department or other point of origin):</b> Houston Parks and Recreation Department		<b>Origination Date:</b> September 2, 2014	<b>Agenda Date</b>	
<b>DIRECTOR'S SIGNATURE:</b>  Joe Turner, Director		<b>Council District(s) affected:</b> E and H		
<b>For additional information contact:</b> Luci Correa, 832-395-7057		<b>Date and Identification of prior authorizing Council Action:</b> NA		
<b>RECOMMENDATION (Summary):</b> Approve a motion to establish revised rental rates for the Kingwood Community Center and the renovated and expanded Moody Park Community Center.				
<b>Amount and Source of Funding:</b> No Funding Required			<b>Finance Budget:</b>	
<b>SPECIFIC EXPLANATION:</b>  The Houston Parks and Recreation Department (HPARD) requests approval of a motion to establish non-profit event rental rates for the Kingwood Community Center located at 4102 Rustic Woods Drive and a rental rate schedule for the Moody Park Community Center located at 3725 Fulton.  The Kingwood Community Center is an 11,200 square-foot facility with 2 meeting rooms, an auditorium which can be divided in half and has built in audio-visual equipment, a fully furnished commercial kitchen, a kitchen servery, a lobby, and office/reception areas. The community center is available for rental to host wedding receptions, parties, meetings, workshops, and specialty classes. In order to be consistent with all other HPARD community centers throughout the City, HPARD requests approval of a Motion to establish a revised rental rate schedule that includes rates for non-profit events.  The recently renovated and expanded Moody Park Community Center is an 18,500 square-foot facility with a large multi-purpose meeting room with servery, two meeting rooms (also called vocational rooms), and an outdoor courtyard with unique paving that ties the outdoor space to the indoor spaces. The community center is available for rental to host weddings receptions, parties, meetings, workshops, and specialty classes. HPARD requests approval of a Motion to establish revised rental rates to reflect the new spaces available for rental.  Attached are two tables of the proposed rental rates for Kingwood Community Center and Moody Park Community Center. All rates are subject to the annual Consumer Price Index increase.  Council approval of the proposed rental rate changes is recommended.				
<b>Finance Director:</b>		<b>Other Authorization:</b>		<b>Other Authorization:</b>

HOUSTON PARKS AND RECREATION DEPARTMENT  
 KINGWOOD COMMUNITY CENTER  
 PROPOSED NEW FEE SCHEDULE  
 9/2/2014

DESCRIPTION	CURRENT FEES			PROPOSED FEES					
	First 3 Hours	Each Addtl Hour	Out by 7:00 PM First 3 Hours	NON-PROFIT EVENTS			COMMERCIAL EVENTS		
				Out after 7:00 PM First 3 Hours	Each Addtl Hour or Fraction	Out after 7:00 PM First 3 Hours	Out by 7:00 PM First 3 Hours	Each Addtl Hour or Fraction	Out after 7:00 PM First 3 Hours
Auditorium - Full	\$700	\$175	\$362.95	\$379	\$90.74	\$725.91	\$741.96	\$181.48	
Auditorium - Half	\$350	\$50	\$181.47	\$197.52	\$25.92	\$362.95	\$379.00	\$51.85	
Kitchen	\$250	\$100	\$129.62	\$129.62	\$51.85	\$259.25	\$259.25	\$103.70	
Meeting Room 1 (Up to 30 people)	\$55	\$15	\$42.82	\$58.87	\$10.70	\$85.64	\$101.69	\$16.05	
Meeting Room 1 (More than 30 people)	\$70	\$15	\$58.87	\$74.93	\$16.05	\$101.69	\$117.75	\$21.40	
Meeting Room 2 (Up to 30 people)	\$55	\$15	\$42.82	\$58.87	\$10.70	\$85.64	\$101.69	\$16.05	
Meeting Room 2 (More than 30 people)	\$70	\$15	\$58.87	\$74.93	\$16.05	\$101.69	\$117.75	\$21.40	
Sanvery	\$25	\$15	\$25.93	\$25.93	N/A	\$25.93	\$25.93	N/A	

	Flat Rate
Clean-Up/Set-Up Auditorium - Full	\$156
Clean-Up/Set-Up Auditorium - Half	\$78
Meeting Room Clean-Up/Set-Up	\$16

A refundable damage deposit equal to the total rental fee is required to secure rentals.

HOUSTON PARKS AND RECREATION DEPARTMENT  
 MOODY PARK COMMUNITY CENTER  
 PROPOSED FEE SCHEDULE  
 9/2/2014

DESCRIPTION	PROPOSED FEES					
	NON-PROFIT EVENTS			COMMERCIAL EVENTS		
	Out by 7:00 PM First 3 Hours	Out after 7:00 PM First 3 Hours	Each Addtl' Hour or Fraction	Out by 7:00 PM First 3 Hours	Out after 7:00 PM First 3 Hours	Each Addtl' Hour or Fraction
Multi-Purpose Room	\$181.47	\$197.52	\$25.92	\$362.95	\$379.00	\$51.85
Meeting/Vocational Room (Up to 30 people)	\$42.82	\$58.87	\$10.70	\$85.64	\$101.69	\$16.05
Meeting/Vocational Room (More than 30 people)	\$58.87	\$74.93	\$16.05	\$101.69	\$117.75	\$21.40
Courtyard	\$42.82	\$58.87	\$10.70	\$85.64	\$101.69	\$16.05
Servery	\$25.93	\$25.93	N/A	\$25.93	\$25.93	N/A
Room Clean-Up/Set-Up	\$16.05	\$16.05	N/A	\$16.05	\$16.05	N/A

**A refundable damage deposit equal to the total rental fee is required to secure rentals.**

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

ALL

Item Creation Date: 8/21/2014

FIN-Tax Year 2014 Appraisal Roll Information

Agenda Item#: 2.

**Summary:**

RECOMMENDATION from Director of Finance to place the proposed 2014 tax rate of \$.631080/\$100 of value on the Tuesday October 21, 2014 Council Agenda, or such other date that meets the requirements of the Texas Property Tax Code, call three public hearings at which interested persons will be given the opportunity to be heard on the proposed tax rate and provide for the publication of the notice of such hearings and other related information

**SUGGESTED HEARING DATES:**

6:00 P.M. - Tuesday - September 23, 2014;  
6:00 P.M. - Tuesday - September 30, 2014; and  
9:00 A.M. - Wednesday - October 8, 2014

**Background:**

**SUBJECT:** Report of Tax Year 2014 Appraisal Roll Information, Certification of the Anticipated Collection rate and appoint representatives to calculate the effective and rollback tax rates

**RECOMMENDATION: (Summary)** from the Director of the Finance Department that the City Council receive the tax year 2014 Appraisal Roll information, Certification of the Anticipated Collection Rate and appoint Thy-Huyen Ruiz, and Alma Tamborello to calculate and publish the City's Effective and Rollback Tax Rates in accordance with the "Truth-In-Taxation" provision of the State Tax Code and Local Government Code.

**SPECIFIC EXPLANATION:**

The Truth-in-Taxation provisions of the State Tax Code and Local Government Code require the City take certain steps before adopting its as valorem tax rate each year. The first of these steps are to, (1) submit the City's tax year 2014 appraisal roll information to City Council, (2) certify an anticipated collection rate to City Council, and (3) appoint representatives to calculate and publish the Effective and Rollback Tax Rates.

Attached are the required reports of the tax year 2014 appraisal roll information and the certification of anticipated collection rate.

It is recommended that the City Council receive tax year 2014 Appraisal Roll Information, Certification of the Anticipated Collection Rate and appoint Thy-Huyen Ruiz and Alma Tamborello to calculate and publish the City's Effective and Rollback Tax Rates in accordance with the "Truth-In-Taxation" provisions of the State Tax Code and Local Government Code.

**Prior Council Action:**

August 28, 2013 Motion No. 2013-0590

**Contact Information:**

Jennifer Olenick, Assistant Director 832-393-9112  
Thy-Huyen Ruiz, Division Manager 832-393-9075

**ATTACHMENTS:**

Description	Type
<input type="checkbox"/> Signed RCA	Signed Cover sheet
<input type="checkbox"/> Prior RCA	Backup Material
<input type="checkbox"/> Report of 2014 Appraisal Roll Info	Signed Cover sheet

**REQUEST FOR COUNCIL ACTION**

**TO:** Mayor via City Secretary

**RCA #**

**SUBJECT:** Place the proposed tax rate of \$0.631080/\$100 of value, which is lower than last year's tax rate, on the October 16th Agenda. Set dates for three public hearings on the proposed tax rate and publish analysis of anticipated increased revenues pursuant to Sec. 44-27 of the Houston Code of Ordinances.

**Category #**

**Page 1 of 2**

**Agenda Item#**

**FROM: (Department or other point of origin):**

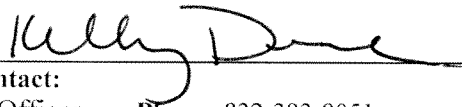
Kelly Dowe  
Finance Department

**Origination Date**

September 10, 2014

**Agenda Date**

**DIRECTOR'S SIGNATURE:**



**Council Districts affected:**

All

**For additional information contact:**

Kelly Dowe, Chief Business Officer    **Phone:** 832-393-9051  
Thy-Huyen Ruiz, Division Manager    **Phone:** 832-393-9075

**Date and identification of prior authorizing Council Action:**

September 4, 2013; Motion No. 2013 0612

**RECOMMENDATION: (Summary)** That the City Council approve a motion placing the proposed tax rate of \$0.631080/\$100 of value on the Agenda of City Council for Tuesday October 21, 2014. Set the public hearing dates on the proposed tax rate and publish analysis of anticipated increased revenues pursuant to Sec. 44-27 of the Houston Code of Ordinances.

**Amount of Funding:**

Not Applicable

**Finance Budget:**

**SOURCE OF FUNDING:**

General Fund     Grant Fund     Enterprise Fund  
 Other (Specify)

**SPECIFIC EXPLANATION:**

State law sets forth detailed requirements for the process of setting ad valorem tax rates, including public hearings, newspaper publications, and actions of the governing body. A city ordinance sets additional requirements for this process. These requirements include minimum and maximum time periods for each step in the process.

Effective Tax Rate and Rollback Tax Rate

Section 26.04 (e) of the Tax Code requires that the Effective Tax Rate and the Rollback Tax Rate be reported to the governing body of each taxing unit. The Effective Tax Rate for Tax Year 2014 is \$0.603431/\$100 of assessed value and the Rollback Tax Rate is \$0.643206/\$100 of assessed value.

Public Hearings

Section 26.05(d) of the Tax Code requires the City of Houston to hold two public hearings before adopting a tax rate that exceeds the rollback rate or the effective tax rate, whichever rate is lower. In addition, the Houston Code of Ordinances, Sec. 44-27 requires the City of Houston to hold at least three public hearings before adopting a tax rate expected to increase the City of Houston's ad valorem property tax revenues for the current fiscal year in an amount greater than five percent more than the ad valorem property tax revenues collected during the immediately preceding fiscal year. The three hearings required under the Code of Ordinances may be combined with any hearings required by the Tax Code. The Code of Ordinances requires that two of the public hearings be held in the evening and one during the day. The Director of Finance must recommend dates and time for the required public hearings. It is recommended that City Council set the following dates and times for the hearings: September 23, 2014 at 6 PM; September 30, 2014 at 6 PM; and October 8, 2014 at 9 AM.

Newspaper Publications

Section 26.05(d) of the Tax Code requires the City of Houston to publish newspaper ads before adopting a tax rate, including notices of the dates and times of the public hearings and the Council action to set the tax rate. In addition, Section 44-27 of the Houston Code of Ordinances requires that an analysis of anticipated increased revenues be published in the major Houston newspaper, when the ad valorem tax rate proposed is expected to produce ad valorem property tax revenue collections during the current fiscal year of more than five percent the ad valorem property tax revenues collected in the immediately preceding fiscal year.

**REQUIRED AUTHORIZATION**

**Other Authorization:**

**Other Authorization:**

**Other Authorization:**

Date:	Subject : Place the proposed tax rate of \$0.631080/\$100 of value, which is lower than last year's tax rate, on the October 16th Agenda. Set dates for three public hearings on the proposed tax rate and publish analysis of anticipated increased revenues pursuant to Sec. 44-27 of the Houston Code of Ordinances.	Originator's Initials	Page 2 of 2
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Summary

City Council must pass a motion to place a specific proposed tax rate on a future City Council Agenda, set the dates and time for the public hearings and publish an analysis of anticipated increased revenues. The City Council meeting to vote on the proposed tax rate may not be earlier than the 10th day or later than the 14<sup>th</sup> day after the date of the last public hearing.

The proposed tax rate of \$0.631080/\$100 of assessed value must be apportioned between Maintenance and Operations (M&O) and Interest and Sinking Fund (I&S). The M&O rate is \$0.474635/\$100 of assessed value and the I&S rate is \$0.156445/\$100 of assessed value which, when combined, equal the total tax rate of \$0.631080/\$100 of assessed value.

It is therefore recommended that City Council pass a motion to place the proposed tax rate of \$0.631080/\$100 of value for tax year 2014 on the Agenda of City Council for Tuesday October 21, 2014, scheduling three public hearings on the proposed tax rate in City Council Chambers on September 23, 2014 at 6 PM; September 30, 2014 at 6 PM; and October 8, 2014 at 9 AM and publish analysis of anticipated increased revenues pursuant to Sec. 44-27 of the Houston Code of Ordinances.

cc: David M Feldman, City Attorney  
Sameera Mahendru, Senior Assistant City Attorney  
Marta Crinejo, Agenda Director

**REQUEST FOR COUNCIL ACTION**

**TO:** Mayor via City Secretary

**RCA #**

**SUBJECT:** Report of Tax Year 2014 Appraisal Roll Information, Certification of the Anticipated Collection Rate and Appoint Representatives to Calculate the Effective and Rollback Tax Rates

**Category #**

**Page 1 of** 1

**Agenda Item#**

**FROM: (Department or other point of origin):**

Kelly Dowe, Director  
Finance Department

**Origination Date**

Sept 3, 2014

**Agenda Date**

**DIRECTOR'S SIGNATURE:**



**Council Districts affected:**

All

**For additional information contact:**

Jennifer Olenick, Assistant Director    Phone: 832-393-9112  
Thy-Huyen Ruiz, Division Manager       Phone: 832-393-9075

**Date and identification of prior authorizing Council Action**

August 28, 2013  
Motion No. 2013 0590

**RECOMMENDATION:** (Summary) from the Director of the Finance Department that the City Council receive the tax year 2014 Appraisal Roll information, Certification of the Anticipated Collection Rate and appoint Thy-Huyen Ruiz, and Alma Tamborello to calculate and publish the City's Effective and Rollback Tax Rates in accordance with the "Truth-In-Taxation" provision of the State Tax Code and Local Government Code.

**Amount of Funding:**

Not Applicable

**F & A Budget:**

**SOURCE OF FUNDING:**         General Fund         Grant Fund         Enterprise Fund

Other (Specify)

**SPECIFIC EXPLANATION:**

The Truth-In-Taxation provisions of the State Tax Code and Local Government Code require the City to take certain steps before adopting its ad valorem tax rate each year. The first of these steps are to, (1) submit the City's tax year 2014 appraisal roll information to City Council, (2) certify an anticipated collection rate to City Council, and (3) appoint representatives to calculate and publish the Effective and Rollback Tax Rates.

Attached are the required reports of the tax year 2014 appraisal roll information and the certification of anticipated collection rate.

It is recommended that the City Council receive the tax year 2014 Appraisal Roll Information, Certification of the Anticipated Collection Rate and appoint Thy-Huyen Ruiz and Alma Tamborello to calculate and publish the City's Effective and Rollback Tax Rates in accordance with the "Truth-In-Taxation" provisions of the State Tax Code and Local Government Code.

cc: David M Feldman, City Attorney  
Sameera Mahendru, Assistant City Attorney  
Marta Crinejo, Agenda Director

**REQUIRED AUTHORIZATION**

**Other Authorization:**

**Other Authorization:**

**Other Authorization:**

**CITY OF HOUSTON  
REPORT OF 2014 APPRAISAL ROLL INFORMATION  
AND ANTICIPATED AND EXCESS COLLECTIONS**

**2014 APPRAISAL ROLL  
(AS CERTIFIED BY THE CHIEF APPRAISERS OF APPRAISAL DISTRICTS)**

**Total Appraised/Assessed Value: \$219,940,444,708**

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**Taxable Value of Certified Property: \$168,459,349,177**

**Taxable Value of Property Under Protest: \$ 11,608,727,191**

**Taxable Value of Property Still Not Certified: \$ 5,796,074,790**

**Taxable Value of All Properties: \$185,864,151,158**

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**Taxable Value of New Improvements Included Above \$ 3,610,192,302**

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**CERTIFIED ANTICIPATED COLLECTION RATE  
AND EXCESS COLLECTIONS**

The Tax Assessor-Collector of Harris County who acts as assessor and collector of ad valorem taxes for the City of Houston certified that the estimate of the anticipated collection rate for the City of Houston ad valorem taxes for tax year 2014 is 100% and there were no excess debt collections for tax year 2013.

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District A

Item Creation Date: 8/29/2014

20CJS9481- A&S Millport St frm Belmore St to Bingle St (Parcel SY14-109 & SY14-133)

Agenda Item#: 3.

**Summary:**

RECOMMENDATION from Director Department of Public Works & Engineering on request from David Brewer, Brewer Escalante, on behalf of F. L. Tucker, Ltd. (Kurt M. Hanson, Vice President) and Crown Business Park, Inc. (M.J. Iqbal, Owner), for abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey, Parcels SY14-109 and SY14-133 - **DISTRICT A - STARDIG**

**Background:**

**SUBJECT:** Request for the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. **Parcels SY14-109 and SY14-133**

**RECOMMENDATION: (Summary)** It is recommended City Council approve a motion authorizing the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. **Parcels SY14-109 and SY14-133**

**SPECIFIC EXPLANATION:** David Brewer, Brewer Escalante, 13430 Northwest Freeway Suite 350, Houston, Texas, 77040, on behalf of F.L. Tucker, Ltd. (Kurt M. Hanson, Vice President) and Crown Business Park, Inc. (M.J. Iqbal, Owner) requested the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. The applicants plan to utilize the subject street to expand the Mustang Cat headquarters.

This is Part One of a two-step process in which the applicant will first receive a City Council authorized motion acknowledging the concept of the subject request. Upon the applicant satisfactorily completing all transaction requirements including those enumerated below, the Department of Public Works and Engineering will forward a subsequent recommendation to City Council requesting passage of an ordinance effecting the sale. The Joint Referral Committee reviewed and approved this request. Therefore, it is recommended:

1. The City abandon and sell Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey;
2. The applicants be required to furnish the Department of Public Works and Engineering with a durable, reproducible (Mylar) survey plat and field notes of the affected property;
3. The applicants be required to provide letters of no objection from each of the privately owned utility companies for the street being abandoned;
4. The applicants be required to: (a) remove all public traffic signs and poles and return them to the City of Houston Traffic Operations Division, and (b) eliminate the public street appearance at the intersection of Millport Street and Bingle Road;
5. The applicants be required to: (a) cut, plug, and abandon the existing 8-inch sanitary sewer line in Millport Street, from the 15-inch sanitary sewer line in Bingle west to its terminus, or convert the line to private service, (b) cut, plug, and abandon the existing 8-inch water line located in Millport Street, from the 12-inch water line in Bingle Road west to its terminus, (c) convert the existing 24-inch and 30-inch storm sewer lines located in

Millport Street to private service, (d) relocate the two storm sewer inlets located in Millport Street to Bingle Road, (e) pay the depreciated value of the public utilities that are to be abandoned, and (f) complete all of the foregoing items at no cost to the City and under the proper permits obtained through the Office of the City Engineer and separate from any other project permits;

6. The applicants be required to prepare drawings that show all public utilities (storm sewer, sanitary sewer, and water) that are to be abandoned, relocated, and/or constructed as part of this abandonment request and submit the drawings to the Office of the City Engineer for plan review and approval. A copy of the Motion shall be attached to the plan set when it is submitted for plan review;

7. The Legal Department be authorized to prepare the necessary transaction documents; and

8. Inasmuch as the value of the City's property interest is not expected to exceed \$1,000,000.00, that the value be established by an independent appraiser appointed by the Director of Public Works and Engineering.

DWK:NPC:cs c:  
Jun Chang, P.E., D.WRE  
Marta Crinejo  
Eric Dargan  
David Feldman  
Terry A. Garrison  
Daniel Menendez, P.E.  
Patrick Walsh, P.E.  
Jeffrey Weatherford, P.E., PTOE

**Contact Information:**

Nancy Collins 832-395-3130

**ATTACHMENTS:**

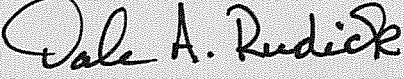
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<input type="checkbox"/> Maps	Backup Material

TO: Mayor via City Secretary

REQUEST FOR COUNCIL ACTION

<b>SUBJECT:</b> Request for the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. <b>Parcels SY14-109 and SY14-133</b>	<b>Page</b> <u>1</u> of <u>2</u>	<b>Agenda Item #</b>
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<b>FROM (Department or other point of origin):</b>  Department of Public Works and Engineering	<b>Origination Date</b>	<b>Agenda Date</b>
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<b>DIRECTOR'S SIGNATURE:</b>  Dale A. Rudick, P.E., Acting Director	<b>Council District affected:</b> A  CS <b>Key Map:</b> 451A
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<b>For additional information contact:</b>   Nancy P. Collins <b>Phone:</b> (832) 395-3130 Senior Assistant Director-Real Estate	<b>Date and identification of prior authorizing Council Action:</b>
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**RECOMMENDATION: (Summary)** It is recommended City Council approve a motion authorizing the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. **Parcels SY14-109 and SY14-133**

**Amount and Source of Funding:** Not Applicable

**SPECIFIC EXPLANATION:**


David Brewer, Brewer Escalante, 13430 Northwest Freeway Suite 350, Houston, Texas, 77040, on behalf of F.L. Tucker, Ltd. (Kurt M. Hanson, Vice President) and Crown Business Park, Inc. (M.J. Iqbal, Owner) requested the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. The applicants plan to utilize the subject street to expand the Mustang Cat headquarters.

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2. The applicants be required to furnish the Department of Public Works and Engineering with a durable, reproducible (Mylar) survey plat and field notes of the affected property;
3. The applicants be required to provide letters of no objection from each of the privately owned utility companies for the street being abandoned;
4. The applicants be required to: (a) remove all public traffic signs and poles and return them to the City of Houston Traffic Operations Division, and (b) eliminate the public street appearance at the intersection of Millport Street and Bingle Road;

p:\cs\sy14-109.rc1b.doc CUIC #20CJS9481

REQUIRED AUTHORIZATION

<b>Finance Department:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>  Mark L. Loethen, P.E., CFM, PTOE Deputy Director Planning and Development Services Division
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<b>Date:</b>	<b>Subject:</b> Request for the abandonment and sale of Millport Street, from Belmore Street to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. <b>Parcels SY14-109 and SY14-133</b>	<b>Originator's Initials</b> CS	<b>Page</b> <u>2</u> of <u>2</u>
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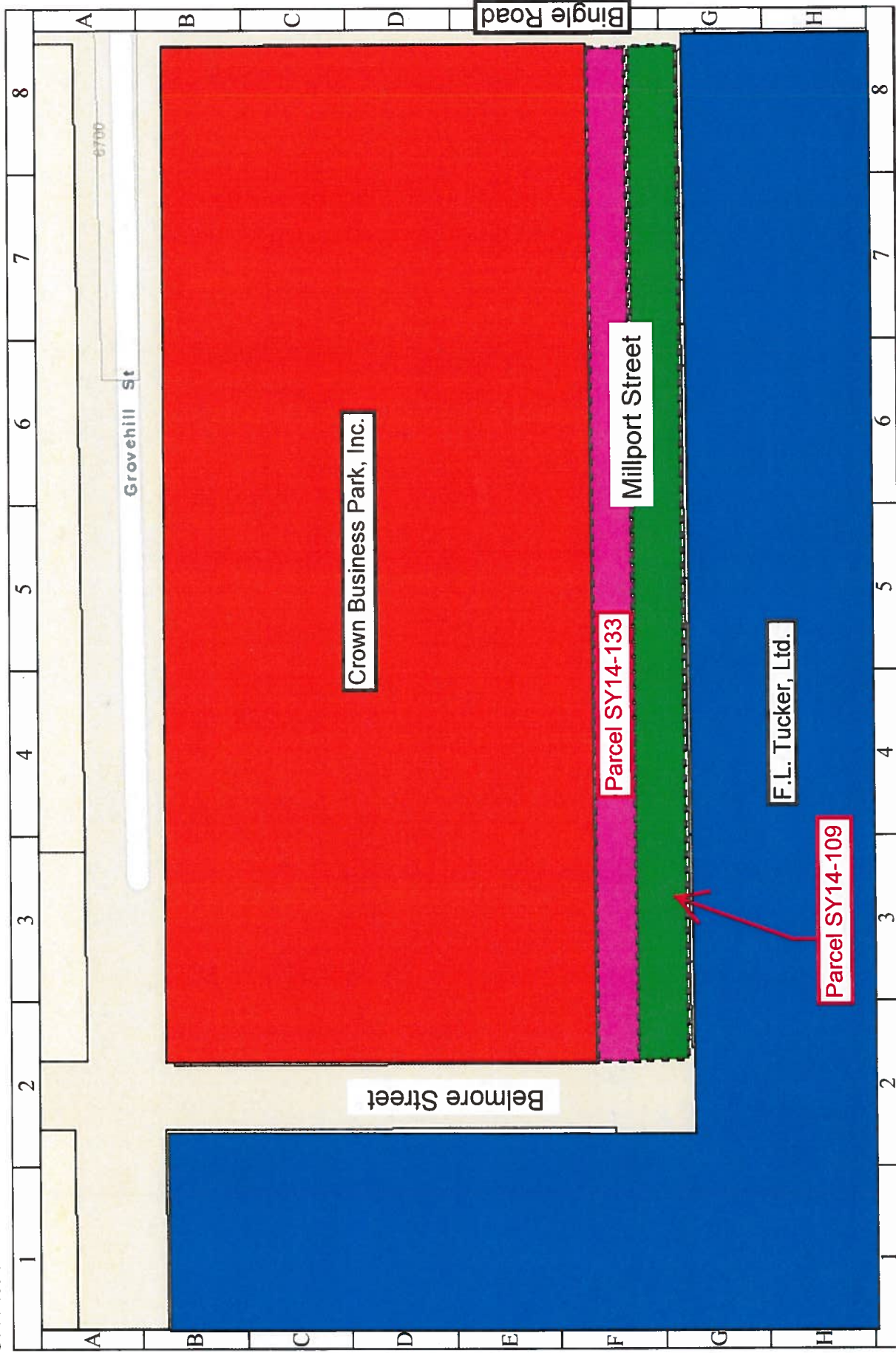
5. The applicants be required to: (a) cut, plug, and abandon the existing 8-inch sanitary sewer line in Millport Street, from the 15-inch sanitary sewer line in Bingle west to its terminus, or convert the line to private service, (b) cut, plug, and abandon the existing 8-inch water line located in Millport Street, from the 12-inch water line in Bingle Road west to its terminus, (c) convert the existing 24-inch and 30-inch storm sewer lines located in Millport Street to private service, (d) relocate the two storm sewer inlets located in Millport Street to Bingle Road, (e) pay the depreciated value of the public utilities that are to be abandoned, and (f) complete all of the foregoing items at no cost to the City and under the proper permits obtained through the Office of the City Engineer and separate from any other project permits;
6. The applicants be required to prepare drawings that show all public utilities (storm sewer, sanitary sewer, and water) that are to be abandoned, relocated, and/or constructed as part of this abandonment request and submit the drawings to the Office of the City Engineer for plan review and approval. A copy of the Motion shall be attached to the plan set when it is submitted for plan review;
7. The Legal Department be authorized to prepare the necessary transaction documents; and
8. Inasmuch as the value of the City's property interest is not expected to exceed \$1,000,000.00, that the value be established by an independent appraiser appointed by the Director of Public Works and Engineering.

DWK:NPC:cs

c: Jun Chang, P.E., D.WRE  
Marta Crinejo  
Eric Dargan  
David Feldman  
Terry A. Garrison  
Daniel Menendez, P.E.  
Patrick Walsh, P.E.  
Jeffrey Weatherford, P.E., PTOE

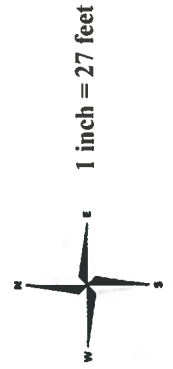
Subject: Abandonment and sale of Millport Street, from Belmore Street east to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. Parcels SY14-109 and SY14-133

Parcel Map



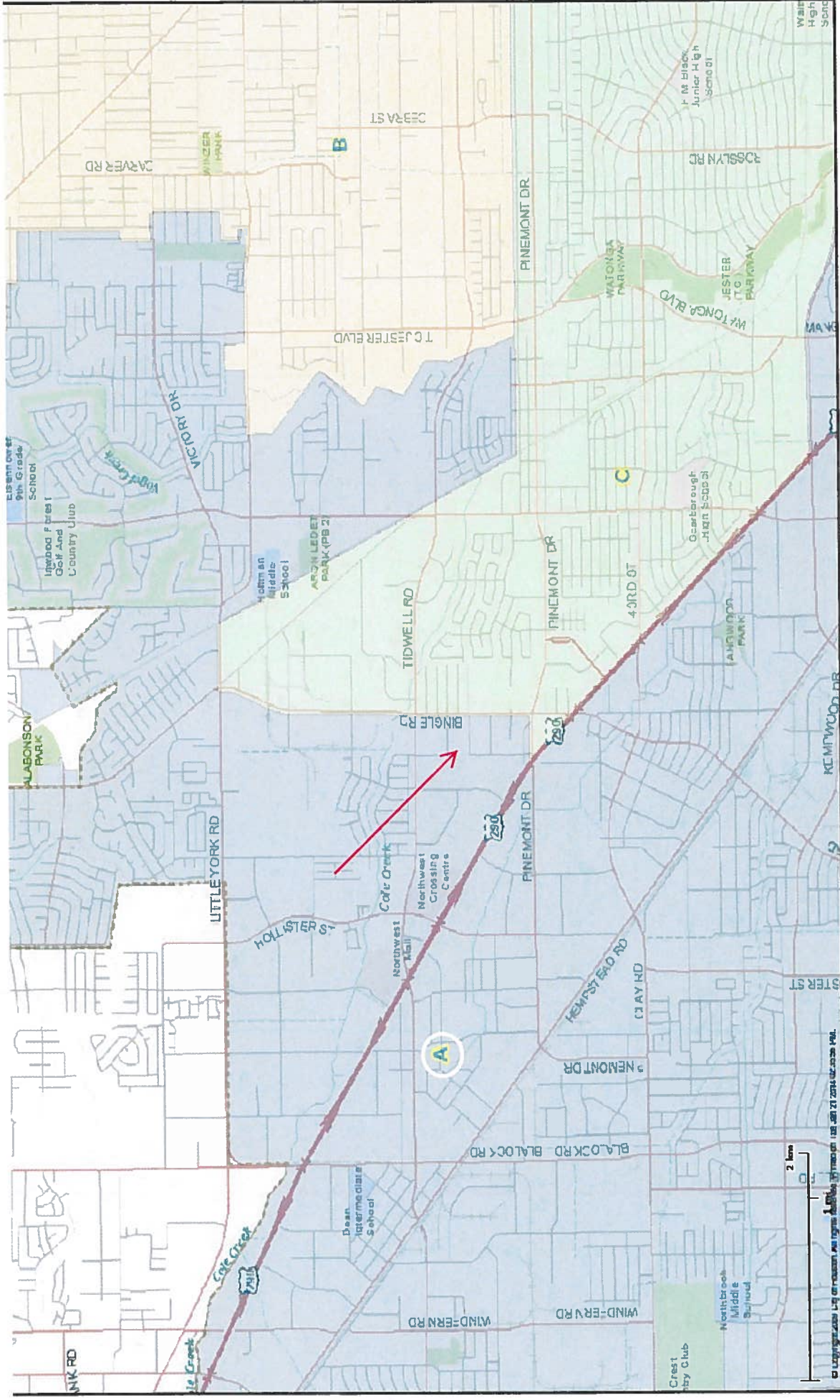
**CITY OF HOUSTON**  
 Department of Public Works and Engineering  
 Geographic Information & Management System (GIMS)

DISCLAIMER: THIS MAP REPRESENTS THE BEST INFORMATION AVAILABLE TO THE CITY.  
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 FIELD VERIFICATIONS SHOULD BE DONE AS NECESSARY.



Council District A

Subject: Abandonment and sale of Millport Street, from Belmore Street east to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. Parcels SY14-109 and SY14-133



# City of Houston

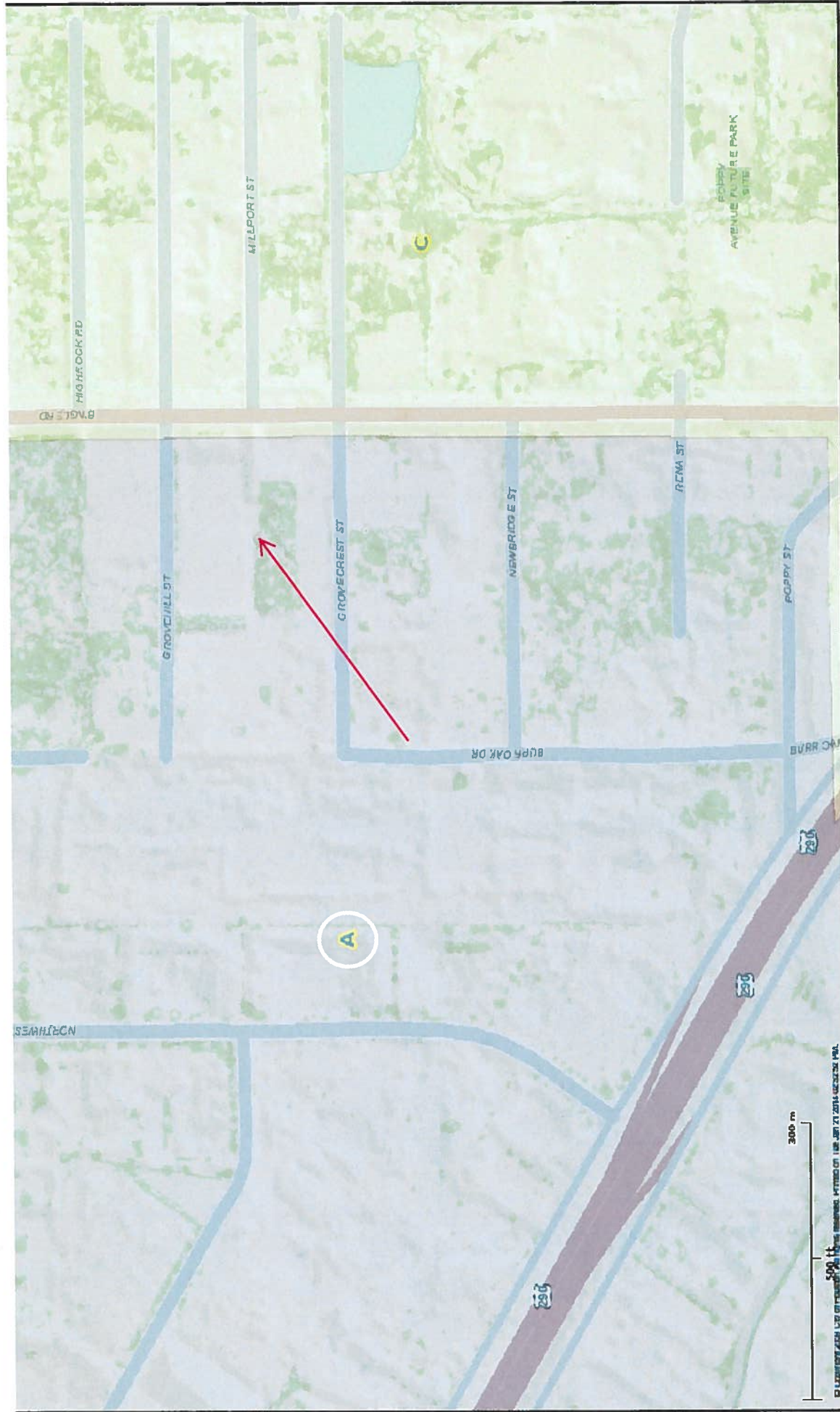
## Generated by the My City Application

Disclaimer:  
The map is only for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes and does not represent an on-the-ground survey and only represents the approximate relative location of property boundaries



Council District A

Subject: Abandonment and sale of Millport Street, from Belmore Street east to Bingle Road, located within the Rosslyn Addition, out of the Joseph Box Survey. Parcels SY14-109 and SY14-133



City of Houston  
Generated by the My City Application

Disclaimer:  
The map is only for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes and does not represent an on-the-ground survey and only represents the approximate relative location of property boundaries

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District C

Item Creation Date: 8/29/2014

20CS9484- A&S Peden St & Damon Court (Parcel SY14-112 & DY14-050)

Agenda Item#: 4.

**Summary:**

RECOMMENDATION from Director Department of Public Works & Engineering on request from Richard Werner, Drake Custom Homes, for abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey, Parcels SY14-112 and DY14-050 - **DISTRICT C - COHEN**

**Background:**

**SUBJECT:** Request for the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. **Parcels SY14-112 and DY14-050**

**RECOMMENDATION: (Summary)** It is recommended City Council approve a motion authorizing the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. **Parcels SY14-112 and DY14-050**

**SPECIFIC EXPLANATION:** Richard Werner, Drake Custom Homes, 1916 Baldwin Street, Suite 240, Houston, Texas, 77002, requested the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. The applicant plans to construct residential townhomes over the subject area.

This is Part One of a two-step process in which the applicant will first receive a City Council authorized motion acknowledging the concept of the subject request. Upon the applicant satisfactorily completing all transaction requirements including those enumerated below, the Department of Public Works and Engineering will forward a subsequent recommendation to City Council requesting passage of an ordinance effecting the sale. The Joint Referral Committee reviewed and approved this request. Therefore, it is recommended:

1. The City abandon and sell a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey.;

2. The applicant be required to furnish the Department of Public Works and Engineering with a durable, reproducible (Mylar) survey plat and field notes of the affected property;

3. The applicant be required to: (a) cut, plug, and abandon the existing 6-inch sanitary sewer line, from the east property line of Tracts 1 and E to the west property line of Tracts 1 and E, (b) cut, plug, and abandon the existing 6-inch sanitary sewer line, from the north western property line to the 6-inch sanitary sewer line at the

southern property line, (c) construct a 6-inch sanitary sewer line along the south property line west ±55 feet to the east property line, then north ±25 feet to connect with the existing 6-inch sanitary sewer line on the east property line, and (d) complete all of the foregoing items at no cost to the City and under the proper permits obtained through the Office of the City Engineer and separate from any other project permits;

4. The applicant be required to prepare drawings that show all public utilities (sanitary sewer) that are to be abandoned, relocated, and/or constructed as part of this abandonment request and submit the drawings to the Office of the City Engineer for plan review and approval. A copy of the Motion shall be attached to the plan set when it is submitted for plan review;

5. The Legal Department be authorized to prepare the necessary transaction documents; and

6. Inasmuch as the value of the property interests is not expected to exceed \$50,000.00, that the value be established by staff appraisal, according to City policy.

DWK:NPC:cs

c: Jun Chang, P.E., D.WRE

Marta Crinejo

David Feldman

Terry A. Garrison

Daniel Menendez, P.E.

Patrick Walsh, P.E.

**Contact Information:**

Nancy P. Collins (832) 395-3130

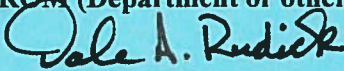


Senior Assistant Director-Real Estate

**ATTACHMENTS:**

Description	Type
☐ RCA	Financial Information
☐ Maps	Financial Information

TO: Mayor via City Secretary

REQUEST FOR COUNCIL ACTION

<b>SUBJECT:</b> Request for the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. <b>Parcels SY14-112 and DY14-050</b>		<b>Page</b> <u>1</u> of <u>2</u>	<b>Agenda Item #</b>
<b>FROM (Department or other point of origin):</b>  Department of Public Works and Engineering		<b>Origination Date</b>	<b>Agenda Date</b>
<b>DIRECTOR'S SIGNATURE:</b>  Dale A. Rudick, P.E., Acting Director		<b>Council District affected: C</b>  CS <b>Key Map: 493N</b>	
<b>For additional information contact:</b>  Nancy P. Collins <b>Phone: (832) 395-3130</b> Senior Assistant Director-Real Estate		<b>Date and identification of prior authorizing Council Action:</b>	
<b>RECOMMENDATION: (Summary)</b> It is recommended City Council approve a motion authorizing the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. <b>Parcels SY14-112 and DY14-050</b>			
<b>Amount and Source of Funding:</b> Not Applicable			
<b>SPECIFIC EXPLANATION:</b> <p>Richard Werner, Drake Custom Homes, 1916 Baldwin Street, Suite 240, Houston, Texas, 77002, requested the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. The applicant plans to construct residential townhomes over the subject area.</p> <p>This is Part One of a two-step process in which the applicant will first receive a City Council authorized motion acknowledging the concept of the subject request. Upon the applicant satisfactorily completing all transaction requirements including those enumerated below, the Department of Public Works and Engineering will forward a subsequent recommendation to City Council requesting passage of an ordinance effecting the sale. The Joint Referral Committee reviewed and approved this request. Therefore, it is recommended:</p> <ol style="list-style-type: none"><li>1. The City abandon and sell a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey.;</li><li>2. The applicant be required to furnish the Department of Public Works and Engineering with a durable, reproducible (Mylar) survey plat and field notes of the affected property;</li></ol>			
p:\cs\sy14-112.rc1.doc		CUIC #20CS9484	
<b>REQUIRED AUTHORIZATION</b>			
<b>Finance Department:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>  Mark L. Loethen, P.E., CFM, PTOE Deputy Director Planning and Development Services Division	

<b>Date:</b>	<b>Subject:</b> Request for the abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. <b>Parcels SY14-112 and DY14-050</b>	<b>Originator's Initials</b>  CS	<b>Page</b> <u>2</u> of <u>2</u>
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3. The applicant be required to: (a) cut, plug, and abandon the existing 6-inch sanitary sewer line, from the east property line of Tracts 1 and E to the west property line of Tracts 1 and E, (b) cut, plug, and abandon the existing 6-inch sanitary sewer line, from the north western property line to the 6-inch sanitary sewer line at the southern property line, (c) construct a 6-inch sanitary sewer line along the south property line west  $\pm 55$  feet to the east property line, then north  $\pm 25$  feet to connect with the existing 6-inch sanitary sewer line on the east property line, and (d) complete all of the foregoing items at no cost to the City and under the proper permits obtained through the Office of the City Engineer and separate from any other project permits;
4. The applicant be required to prepare drawings that show all public utilities (sanitary sewer) that are to be abandoned, relocated, and/or constructed as part of this abandonment request and submit the drawings to the Office of the City Engineer for plan review and approval. A copy of the Motion shall be attached to the plan set when it is submitted for plan review;
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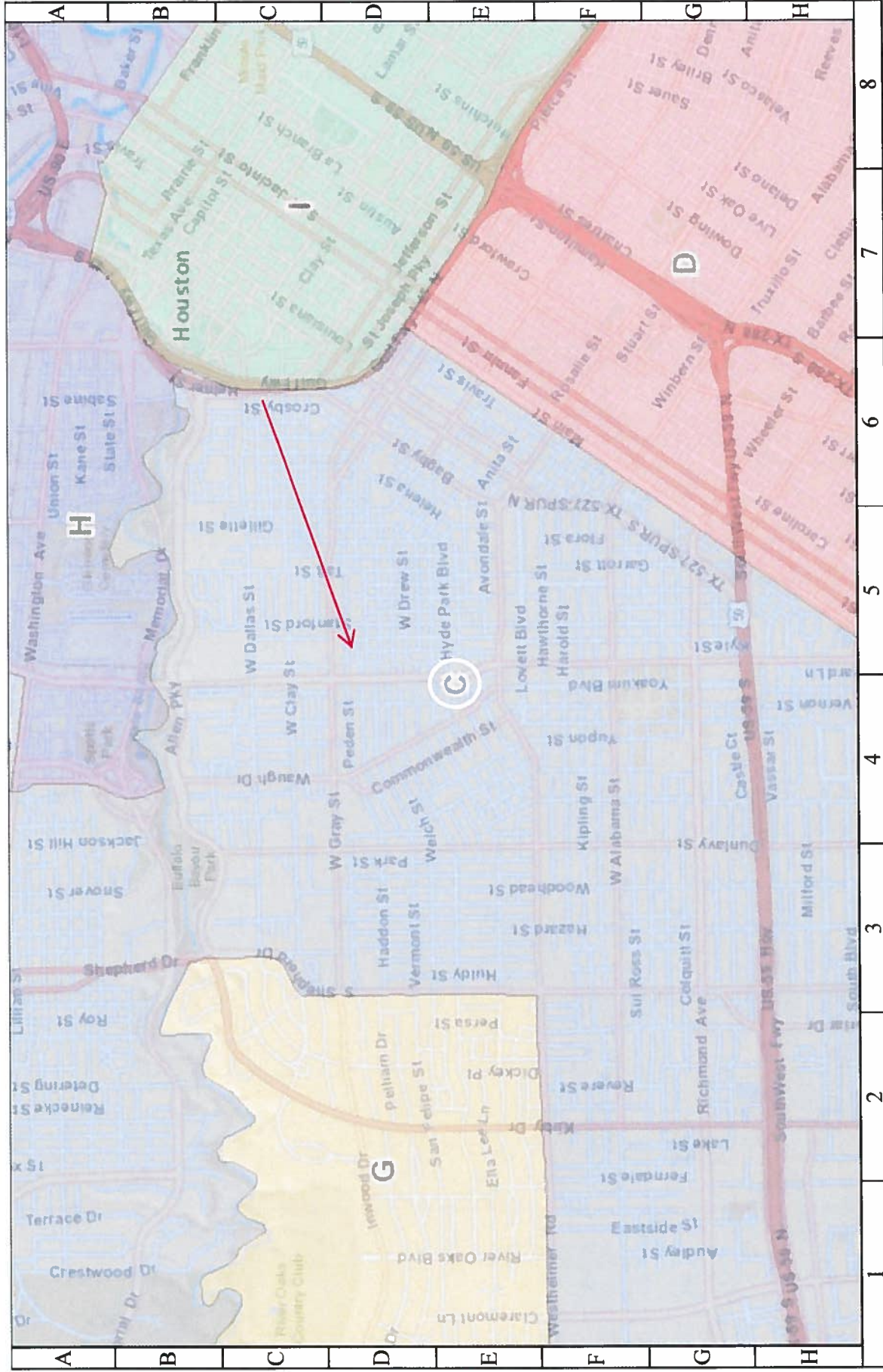
DWK:NPC:cs

c: Jun Chang, P.E., D.WRE  
Marta Crinejo  
David Feldman  
Terry A. Garrison  
Daniel Menendez, P.E.  
Patrick Walsh, P.E.



Council District C

Subject: Abandonment and sale of a prescriptive sanitary sewer easement, between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. Parcels SY14-112 and DY14-050



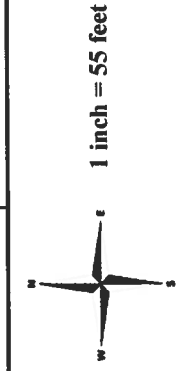
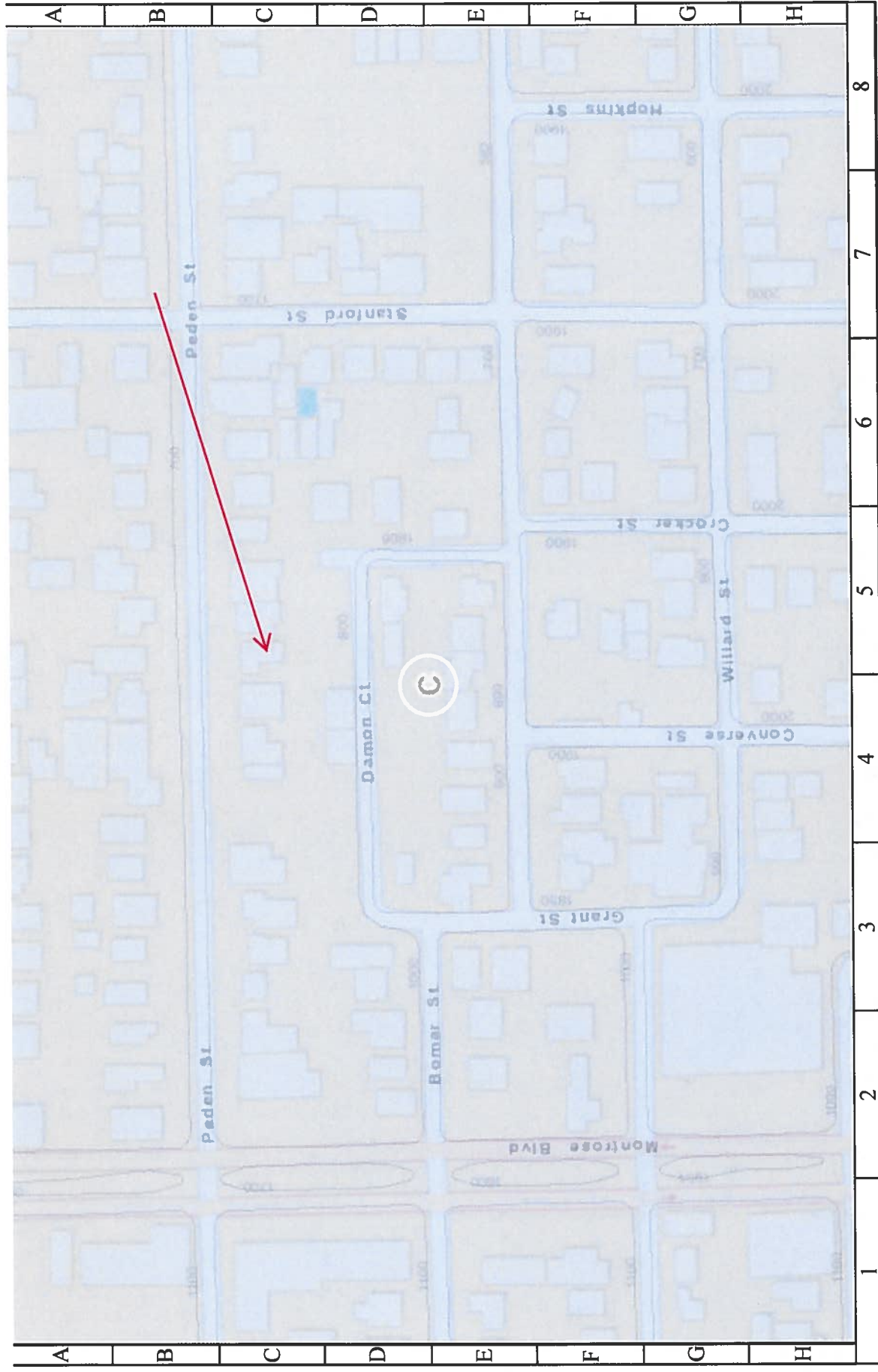
**CITY OF HOUSTON**  
**Department of Public Works and Engineering**  
**Geographic Information & Management System (GIMS)**

DISCLAIMER: THIS MAP REPRESENTS THE BEST INFORMATION AVAILABLE TO THE CITY.  
 THE CITY DOES NOT WARRANT ITS ACCURACY OR COMPLETENESS.  
 FIELD VERIFICATIONS SHOULD BE DONE AS NECESSARY.



Council District C

Subject: Abandonment and sale of a prescriptive sanitary sewer easement; between Peden Street and Damon Court, from the western property line of Block 13, Lot 1 to the eastern property line of Block 13, Lot E, in exchange for conveyance of a 10-foot-wide sanitary sewer easement, all located within the Replat of Rosemont Heights Extension, out of the Obedience Smith Survey. Parcels SY14-112 and DY14-050



**CITY OF HOUSTON**  
**Department of Public Works and Engineering**  
**Geographic Information & Management System (GIMS)**



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FIELD VERIFICATIONS SHOULD BE DONE AS NECESSARY.

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

ALL

Item Creation Date: 8/27/2014

HHS-Tx Dept of Aging & Disability Svcs for transitional housing assistance

Agenda Item#: 5.

**Summary:**

ORDINANCE approving and authorizing contract between the City and the **TEXAS DEPARTMENT OF AGING AND DISABILITY SERVICES (DADS)** for the Development and Implementation of an Aging and Disability Resource Center (ADRC) for Transitional Housing Assistance and other ADRC Services for older adults; declaring the City's eligibility for the contract grant funds; authorizing the Director of the Health & Human Services Department to accept and expend such grant funds, and accept all subsequent awards, if any, pertaining to the ADRC Services - \$511,899.00 - Grant Fund

**Background:**

The Houston Department of Health and Human Services (HDHHS) requests approval and authorization for a grant awards contract from the Texas Department of Aging and Disability Services (DADS). The project period is from September 1, 2014 through August 31, 2015, for a total amount of \$511,899.00.

HDHHS also requests City Council to authorize the Director or his designee to act as the City's representative with the authority to accept and expend all subsequent supplemental awards, and to sign and extend the term, not to exceed five years, of any subsequent contract(s), if extended and offered by the Texas Department of Aging and Disability Services during the project period.

The grant will enable HDHHS, through its Aging and Disability Resource Center (ADRC), to fund personnel, travel, supplies, print material and other expenses necessary to administer the following services to older adults:

**(1) The Balancing Incentive Program (BIP) \$393,485.00**

Funding from DADS will provide for increased access to non-institutionally based long-term services and support for the daily living needs of older adults.

**(2) Money Follows the Person (MFP): Housing Navigator \$ 50,000.00**

Funding from DADS will provide assistance in easing the transition from nursing facilities to more independent and affordable housing options.

**(3) Money Follows the Person (MFP): Local Contact Agency \$ 68,414.00**

Funding from DADS will provide information about community-based long term services and support systems.

**Amount of Funding:**

\$511,899.00

Federal State Local - Pass Through Fund (5030)

**Source of Funding:**

Grant Fund

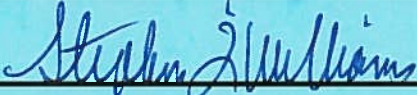
**Contact Information:**

Kathy Barton

Telephone: 832-393-5045; 713-826-5801

**ATTACHMENTS:**

Description	Type
□ HHS-Tx Dept of Aging & Disability Svcs for transitional housing assistance RCA	Backup Material

<b>SUBJECT:</b> Approval and authorization of a grant contract from the Texas Department of Aging and Disability Services for transitional housing assistance and other services for older adults		<b>Category #</b>	<b>Page</b> 1 of 1	<b>Agenda Item #</b>
<b>FROM (Department or other point of origin):</b> Stephen L. Williams, M.Ed., M.P.A. Director-Houston Department of Health and Human Services		<b>Origination Date</b> 8/27/14		<b>Agenda Date</b>
<b>DIRECTOR'S SIGNATURE:</b> 		<b>Council District affected:</b> All		
<b>For additional information contact:</b> Kathy Barton Telephone: 832-393-5045; 713-826-5801		<b>Date and identification of prior authorizing Council action:</b>		
<b>RECOMMENDATION: (Summary)</b> Approval and authorization of a grant contract from the Texas Department of Aging and Disability Services for transitional housing assistance and other services for older adults				
<b>Amount of Funding:</b> Amount of Funding: \$511,899.00 Federal State Local – Pass Through Fund (5030)			<b>Finance Department:</b>	
<b>SOURCE OF FUNDING:</b> [ ] General Fund [ X ] Grant Fund [ ] Enterprise Fund [ ] Other ( Specify)				
<p>The Houston Department of Health and Human Services (HDHHS) requests approval and authorization for a grant award contract from the Texas Department of Aging and Disability Services (DADS). The project period is from September 1, 2014 through August 31, 2015, for a total amount of \$511,899.00.</p> <p>HDHHS also requests City Council to authorize the Director or his designee to act as the City's representative with the authority to accept and expend all subsequent supplemental awards, and to sign and extend the term, not to exceed five years, of any subsequent contract(s), if extended and offered by the Texas Department of Aging and Disability Services during the project period.</p> <p>The grant will enable HDHHS, through its Aging and Disability Resource Center (ADRC), to fund personnel, travel, supplies, print material and other expenses necessary to administer the following services to older adults:</p>				
(1) <b>The Balancing Incentive Program (BIP)</b>		<b>\$393,485.00</b>		
Funding from DADS will provide for increased access to non-institutionally based long-term services and support for the daily living needs of older adults.				
(2) <b>Money Follows the Person (MFP): Housing Navigator</b>		<b>\$50,000.00</b>		
Funding from DADS will provide assistance in easing the transition from nursing facilities to more independent and affordable housing options.				
(3) <b>Money Follows the Person (MFP): Local Contact Agency</b>		<b>\$68,414.00</b>		
Funding from DADS will provide information about community-based long term services and support systems.				
cc: Finance Legal Department Agenda Director				
<b>REQUIRED AUTHORIZATION</b>				
<b>Finance Department</b>		<b>Other Authorization:</b>		<b>Other Authorization:</b>

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

ALL

Item Creation Date: 4/23/2014

HCD - 14-90 Amendment #9 to Extend DR1 Contract

Agenda Item#: 6.

**Summary:**

ORDINANCE approving and authorizing ninth amendment reinstating and extending the CDBG - Disaster Recovery Grant Contract, GLO Contract No. 09-6852-000-5275, Formerly referred to as the Texas Department of Housing and Community Affairs Community Development Program Contract No. 70090001, between the City of Houston and the **TEXAS GENERAL LAND OFFICE** for Hurricane Ike/Dolly Funding under the Consolidated Security Disaster Assistance and Continuing Appropriations Act of 2009

**Background:**

The Housing and Community Development Department recommends approval of Contract Amendment #9 to the Hurricane Ike Disaster Recovery (CDBG-DR) Round 1 grant contract with Texas General Land Office (GLO).

Amendment #9 will reinstate and extend the contract with a new end date of 9/30/2014. This will ensure that construction of the final 8 of the program's 222 homes served will be completed prior to the end date of the contract. To date, 216 homes have been completed.

HCDD published a 15-day public notice in the Houston Chronicle on Tuesday, April 29, 2014. To date, no comments have been received.

This action was reviewed by the Council Committee on Housing and Community Affairs Tuesday, May 13, 2014.

**Prior Council Action:**

Ord. #2009-0347 – 04/29/2009  
Ord. #2010-0921 – 11/09/2010  
Ord. #2011-0197 – 03/23/2011  
Ord. #2011-0440 – 06/08/2011  
Ord. #2012-0434 – 05/09/2012  
Ord. #2012-1011 – 11/28/2012  
Ord. #2013-0354 – 04/24/2013  
Ord. #2014-0251 – 04/02/2014

**Amount of Funding:**

No Additional Funding Required

**Source of Funding:**

Grant Fund

Community Development Block Grant Disaster Recovery Round 1

**Contact Information:**

Stephen Tinnermon  
713-868-8448

**ATTACHMENTS:**

Description	Type
☐ HCD14-90 Amendment #9 to Hurricane Ike DR Round 1 Contract - RCA	Signed Cover sheet
☐ HCD14-90 Finance Documents	Signed Cover sheet
☐ HCD14-90 Contract	Signed Cover sheet

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District A, District B, District C, District D, District I, District K

Item Creation Date: 8/11/2014

FIN-Bayou Greenways 2020 Initiative

Agenda Item#: 7.

**Summary:**

ORDINANCE appropriating \$6,180,594.00 out of Parks Consolidated Construction Fund to fulfill the obligations of the City in the Interlocal Agreement for Bayou Greenways 2020 between the City of Houston and **THE HOUSTON PARKS BOARD LGC** approved by Ordinance 2013-635, passed on June 26, 2013 - **DISTRICTS A - STARDIG; B - DAVIS; C - COHEN; D - BOYKINS; I - GALLEGOS and K - GREEN**

**Background:**

The Bayou Greenway 2020 consist of the acquisition, design, and construction of connector trails and related greenways along none bayous, resulting in approximately 160 miles of interconnected hike and bike trails and greenways throughout the city and impacting every council district. The project will be completed in multiple phases over multiple bayous according to an approved project schedule. All construction plans and trails alignment and design of trails related facilities are subject to HPARD approval.

The 6.18 million is the FY 15 installment of the public commitment and will be paid installment as the projects are bid. The public commitment schedule of funding will be the city of Houston's Capital Improvement Plan.

The City of Houston agreed to a Public Commitment of 100 million in bonds proceeds approved by voter's through Proposition B in November 2012. The commitment is based on the understanding that it will be matched with a private commitment of 105 million in funding secured by the Houston Parks Board. Trails and greenway acquisitions and design of trails and related facilities will be funded using the private commitment.

Construction of trails and related facilities will be funded using the public commitment.

The following are the Bayou Greenway projects in the FY 15 Capital Improvement Plan (CIP).

<b>Project WBS#</b>	<b>Description</b>	<b>2015 Plan Amounts</b>
F-BGBR01	BG2020 – Brays Trail Development	20,000
F-BGHU07	BG2020 – Hutcheson Park to Leeland Park	835,810
F-BGSI01	BG2020 – Milby Park to I-45	1,867,389
F-BGSI06	BG2020 – Buffalo Speedway to S. Post Oak	1,144,000
F-BGSI07	BG2020 – S. Post Oak to Hillcroft Street	877,067
F-BGWO07	BG2020 – MKT Trail Bridge to Heights Blvd	250,000
F-BGWO11	BG2020 – Shepherd Blvd. to MKT Trail	305,067
F-BGWO17	BG2020 – Alabonson Rd. to Hollister Rd.	881,261
<b>Project Totals</b>		<b>\$6,180,594</b>

**Prior Council Action:**

Ordinance 2013-635

**Amount of Funding:**

\$6,180,594 Parks Consolidated Construction Fund (4502)

**Source of Funding:**

Enterprise Fund

**Contact Information:**

Steve Francis **Phone:** 832-393-9031

**ATTACHMENTS:**

Description	Type
☐ RCA	Backup Material
☐ FIN-Bayou Greenways 2020 Initiative Prior Council Action	Backup Material
☐ FIN-Bayou Greenways 2020 Initiative ORDINANCE	Backup Material
☐ District A Project map Sept 2014	Backup Material
☐ District B Project map Sept 2014	Backup Material
☐ District C Project Map Sept 2014	Backup Material
☐ Dist D Project Map Sept 2014	Backup Material
☐ Dist E Project Map Sept 2014	Backup Material
☐ Dist F Project Map Sept 2014	Backup Material
☐ Dist G Project map Sept 2014	Backup Material
☐ Dist H Project Map Sept 2014	Backup Material
☐ Dist I Project Map Sept 2014	Backup Material
☐ Dist J Project Map Sept 2014	Backup Material
☐ Dist K Project Map Sept 2014	Backup Material

<b>SUBJECT:</b> Ordinance approving the appropriation of funds for the Bayou Greenway 2020 Initiative. (See WBS# listed below)		<b>Page</b> 1 of 1	<b>Agenda Item</b>
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<b>FROM (Department or other point of origin):</b> Finance Department	<b>Origination Date :</b> August 11, 2014	<b>Agenda Date</b>
--------------------------------------------------------------------------	----------------------------------------------	--------------------

<b>DIRECTOR'S SIGNATURE:</b> Kelly Dowe 	<b>Council District(s) affected:</b> A, B,C,D,I,K
------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------

<b>For additional information contact:</b> Steve Francis Phone: 832-393-9031	<b>Date and identification of prior authorizing Council action:</b>
---------------------------------------------------------------------------------	---------------------------------------------------------------------

**RECOMMENDATION:** Appropriate funds for the Fiscal Year 2015 (FY15) Bayou Greenway 2020 Initiative.

<b>Amount and Source of Funding:</b> \$6,180,594 - Parks Consolidated Construction Fund (4502)	<b>Finance Budget:</b>
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**SPECIFIC EXPLANATION:**

The Bayou Greenway 2020 consists of the acquisition, design and construction of connector trails and related greenways along nine (9) bayous, resulting in approximately 160 miles of interconnected hike and bike trails and greenways throughout the City, impacting every council district. The project will be completed in multiple phases across multiple bayous according to an approved project schedule. All construction plans and trails, alignment and design of trails and related facilities are subject to Houston Parks and Recreation Department (HPARD) approval.

The \$6.18 million is the FY15 installment of the Public Commitment and will be paid in installments as the projects are bid. The Public Commitment schedule of funding will be in the City of Houston's Capital Improvement Plan (CIP).

The City of Houston agreed to a Public Commitment of \$100 million in bond proceeds approved by voters through Proposition B in November 2012. The commitment is based on the understanding that it will be matched with a Private Commitment of \$105 million in funding secured by the Houston Park Board (HPB). Trails and greenway acquisitions, design of trails and related facilities will be funded using the Private Commitment. Construction of trails and related facilities will be funded using the Public Commitment.

The following are the Bayou Greenway projects in the FY15 CIP.

<u>Project WBS#</u>	<u>Description</u>	<u>2015 Plan Amounts</u>	<u>Council District</u>
F-BGBR01	BG2020 - Brays Trail Development	\$ 20,000	D
F-BGHU07	BG2020 - Hutcheson Park to Leeland Park	835,810	B
F-BGSI01	BG2020 - Milby Park to I-45	1,867,389	I
F-BGSI06	BG2020 - Buffalo Speedway to S. Post Oak	1,144,000	K
F-BGSI07	BG2020 - S. Post Oak to Hillcroft Street	877,067	K
F-BGWO07	BG2020 - MKT Trail Bridge to Heights Blvd.	250,000	C
F-BGWO11	BG2020 - Shepherd Blvd. to MKT Trail	305,067	C
F-BGWO17	BG2020 - Alabonson Rd. to Hollister Rd.	881,261	A
<b>Project Totals</b>		<b>\$6,180,594</b>	

**REQUIRED AUTHORIZATION**

<b>Other Authorization:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>
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City of Houston, Texas Ordinance No. 2013-635

**AN ORDINANCE APPROVING AND AUTHORIZING AN INTERLOCAL AGREEMENT BETWEEN THE CITY OF HOUSTON AND THE HOUSTON PARKS BOARD LGC, INC. FOR THE BAYOU GREENWAYS 2020 PROJECT; CONTAINING PROVISIONS RELATING TO THE SUBJECT; AND DECLARING AN EMERGENCY.**

\* \* \* \*

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOUSTON, TEXAS:**

Section 1. The City Council hereby approves and authorizes the contract, agreement or other undertaking described in the title of this Ordinance, in substantially the form as shown in the document which is attached hereto and incorporated herein by this reference. The Mayor is hereby authorized to execute such document and all related documents on behalf of the City of Houston. The City Secretary is hereby authorized to attest to all such signatures and to affix the seal of the City to all such documents.

Section 2. The Mayor is hereby authorized to take all actions necessary to effectuate the City's intent and objectives in approving such agreement, agreements or other undertaking described in the title of this ordinance, in the event of changed circumstances.

Section 3. The City Attorney is hereby authorized to take all action necessary to enforce all legal obligations under said contract without further authorization from Council.


Section 4. There exists a public emergency requiring that this Ordinance be passed finally on the date of its introduction as requested in writing by the Mayor; therefore, this Ordinance shall be passed finally on such date and shall take effect immediately upon its passage and approval by the Mayor; however, in the event that the Mayor fails to sign this Ordinance within five days after its passage and adoption, it shall take effect in accordance with Article VI, Section 6, Houston City Charter.

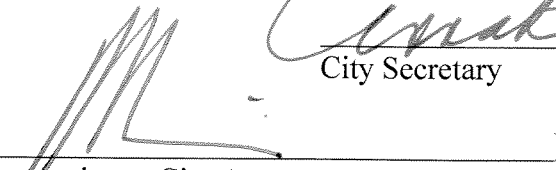
**PASSED AND ADOPTED** this 26<sup>th</sup> day of June, 2013.

**APPROVED** this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Mayor of the City of Houston, Texas

Pursuant to Article VI, Section 6, Houston City Charter, the effective date of the foregoing Ordinance is JUL 02 2013.

  
 \_\_\_\_\_  
 City Secretary

(Prepared by Legal Dept. )  
 (MPB:lg 06/13/2013) Sr. Assistant City Attorney  
 (Requested by Joe Turner, Director, Houston Parks and Recreation Department)  
 (L.D. File No. 0491300005001)

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AYE	NO	
✓		<b>MAYOR PARKER</b>
....	....	<b>COUNCIL MEMBERS</b>
✓		BROWN
✓		DAVIS
✓		COHEN
	<b>ABSENT</b>	ADAMS
✓		MARTIN
✓		HOANG
✓		PENNINGTON
✓		GONZALEZ
✓		RODRIGUEZ
✓		LASTER
✓		GREEN
✓		COSTELLO
✓		BURKS
✓		NORIEGA
✓		BRADFORD
✓		CHRISTIE
CAPTION	ADOPTED	

CAPTION PUBLISHED IN DAILY COURT  
 REVIEW  
 DATE: JUL 02 2013

**INTERLOCAL AGREEMENT FOR BAYOU GREENWAYS 2020**

**BETWEEN**

**THE CITY OF HOUSTON, TEXAS**

**AND**

**THE HOUSTON PARKS BOARD LGC, INC.**

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**EXHIBITS:**

- A Map: Bayou Greenways 2020
- B Project Scope, Schedule and Eligible Project Costs Matrix
- C Eminent Domain Procedures
- D Request for Disbursement Form

**INTERLOCAL AGREEMENT FOR BAYOU GREENWAYS 2020**

**THE STATE OF TEXAS**       §  
                                          §  
**COUNTY OF HARRIS**       §

**THIS INTERLOCAL AGREEMENT FOR BAYOU GREENWAYS 2020** is made on the Countersignature Date between the **CITY OF HOUSTON, TEXAS** (the “City”), a Texas home-rule city, and the **HOUSTON PARKS BOARD LGC, INC.** (“**HPBLGC**”), a nonprofit local government corporation, organized and existing under the laws of the State of Texas, acting by and through its manager, the Houston Parks Board, Inc. (“**HPB**”) a local 501(c)(3) non-profit corporation organized under the laws of the state of Texas.

The parties agree as follows:

**ARTICLE I  
FINDINGS AND DEFINITIONS**

**Section 1.1. Findings**

A. On November 6, 2012, the voters of the City approved a \$166 million parks bond proposition (“**Proposition B**”) of which \$100 million is designated to support the portion of the Bayou Greenways Initiative (a regional plan for interconnected parks, trails and green spaces) within City limits (“**Bayou Greenways 2020**”). Bayou Greenways 2020 (sometimes referred to in this Agreement as the “**Project**”) is a public/private project with the purpose of creating an integrated system of connected linear parks with walking, running and bicycle trails along the nine (9) major bayous within the City limits. The Bayou Greenways 2020 Project will add parkland, trails and natural areas along the major bayous to enhance, protect and preserve water quality, natural habitat, native wildlife, and promote the health and welfare of the citizens of Houston and its surrounding areas by linking the City’s existing stretches of linear parks, trails and larger traditional parks with new greenways.

B. Implementation of the Project will make a highly visible and tangible contribution to the City’s economic health, environmental health, and the physical and mental health of its residents, 1.3 million of which live within 1.5 miles of one or more of the nine (9) major bayous within the City limits, as shown on **EXHIBIT A** attached hereto.

C. Upon completion of the Project, all Bayou Greenways within the City limits will be open to the public for multi-modal fitness and transportation, including walking, running, cycling and other fitness and recreational activities. The Project is estimated to reach completion within seven years. The estimated cost to complete the Project within the City limits is \$205,000,000.

D. HPBLGC is a Texas nonprofit local government corporation created by the City to provide support for the City’s park system. HPB is a Texas 501(c)(3) nonprofit corporation that works on behalf of the City and the City’s Houston Parks and Recreation Department (“**HPARD**”) to create, improve, protect, and advocate for parkland in the greater Houston area, and to acquire new parkland and park capital improvements throughout the City and its extra-territorial jurisdiction. HPB has a management agreement with HPBLGC to acquire, manage, develop and improve parks properties on behalf of HPBLGC and contract for the design, development, improvement, construction and installation of parks and open spaces approved by the Director of the Houston Parks and Recreation Department.

E. Consistent with the Election Ordinance, which provided that “it is the intention of the City Council to allocate \$100,000,000 of the proceeds of any public improvement bonds or obligations issued and authorized under Proposition B to fund the project known as the Bayou Greenways Initiative,” the City shall, as set forth herein, take all necessary steps to commit \$100,000,000 in bond proceeds to the Project (the “**Public Commitment**”), with the understanding that the remaining \$105,000,000 (the “**Private Commitment**”) will be secured by HPB and its partners through private philanthropy and other sources, including the application and receipt of federal, state or other governmental funding, and including multi-year pledges and grants (collectively, “**Private Contributions**”), resulting in at least/minimum of a 1:1 public-private funding ratio for the Project.

F. Of the total amount of the Private Commitment, HPB has already obtained cash and commitments in the amount of \$20,900,000 and herein reaffirms their commitment to continue their private fundraising campaign for the remainder of the Private Commitment through collaboration with other local non-profits, other governmental agencies, and private individuals and entities.

### Section 1.2. **Determinations**

The City and HPBLGC find that the findings set forth in Section 1.1 are determined to be true and correct for all purposes.

### Section 1.3. **Definitions**

All terms used in this Agreement shall have the meanings given herein, unless otherwise specified.

“**Agreement**” means this Interlocal Agreement for Bayou Greenways 2020, together with all amendments hereto, and all revised and supplemented versions of **EXHIBIT B** hereto approved by the Directors of HPARD and Finance as contemplated in Section 2.1.A.

“**Annual Public Commitment**” means each annual commitment made after the Countersignature Date of this Agreement, as part of a series of seven (7) annual commitments made by the City, each of which will be in the amount of the estimated cost of the annual project scope as set forth in HPBLGC’s annual Public Commitment Request, which seven annual commitments comprise the total Public Commitment of \$100,000,000, and each of which annual commitments are to be funded out of the BG2020 Funding Program.

“**Bayou Greenways**” means the linear greenspaces and all-weather trails along at least one side of the nine (9) major bayous in the City limits, as shown in **EXHIBIT A** attached hereto, including those existing as of the Countersignature Date plus the Greenway Segments to be constructed pursuant to this Agreement, and excluding but connecting to trail systems already established in public parks along the 9 major bayous as of the Countersignature Date.

“**BG2020 Funding Program**” means those certain financing mechanisms that total \$100,000,000 over the Term of this Agreement, to be created by the City, the funds of which are irrevocably dedicated solely to the Project and which may not be used for any other purpose, the full amount of which shall be designated by the City for the Project at the time of the funding program’s creation.

“**Countersignature Date**” means the date of countersignature of this Agreement by the City Controller of the City.

“**Director**” means the Director of HPARD, the General Services Department (“GSD”), and/or the Finance Department, as indicated in the context in which it appears in this Agreement, or such person as he or she shall designate to administer this Agreement.

“**Election Ordinance**” means Ordinance No. 2012-0714, passed by the City Council of the City on August 15, 2012, ordering the regular election at which Proposition B would be presented.

“**Eligible Project Costs**” means those costs associated with the Project to which the Public Commitment shall be applied, consisting of construction (including but not limited to landscaping materials and installation), including construction management fees, and signage and additional amenities, and cost recovery (not to exceed \$200,000.00 annually for the next 7 years) payable to GSD to manage the Project on behalf of the City, all as further described in **EXHIBIT B** hereto, as such exhibit is updated, modified and/or supplement from time to time as contemplated in this Agreement.

“**Expenditures**” means the funds expended from each Commitment.

“**Finance**” means the City’s Finance Department.

“**GSD**” means the City’s General Services Department.

“**Greenway Segment**” is defined in Section 2.1.A.

“**Initial Private Contribution**” is defined in Section 3.1.A.

“**MWSBEs**” means MBEs, WBEs and/or SBEs, as those acronyms are defined in Chapter 15, Article V, of the City’s Code of Ordinances.

“**Private Commitment**” is defined in Section 1.1.E.

“**Private Contribution**” is defined in Section 1.1.E.

“**Project**” is defined in Section 1.1.A.

“**Proposition B**” is defined in Section 1.1.

“**Public Commitment**” is defined in Section 1.1.E.

“**Public Commitment Request**” means HPBLGC’s annual written request and supporting documentation described in Section 3.2.

“**Request for Disbursement**” means HPBLGC’s request for funds to be disbursed out of an Annual Public Commitment, substantially in the form attached hereto as **EXHIBIT D**, as such form may be modified or replaced from time to time during the Term by mutual agreement of HPB and GSD.

“**Term**” means the period of time described in Article IV, during which this Agreement is in effect.

## ARTICLE II DUTIES OF HPBLGC

### Section 2.1. **Scope of Work: Project Construction**

A. HPBLGC shall manage the overall Project through its manager, HPB, as overseen on behalf of the City by a GSD Project manager. HPB and HPBLGC shall provide HPARD and GSD with monthly status reports and monthly meetings. The Project shall include the construction of the integrated pathways and associated amenities such as landscaping and benches along the bayous, to be implemented in one or more segments of each of the Bayou Greenways (each, a “**Greenway Segment**”), under multiple construction contracts for each Bayou Greenway. HPBLGC from time to time, in consultation with the Director of HPARD, shall determine the particular Greenway Segments and scheduling of the Project to be implemented under the construction contracts contemplated by this Agreement. As of the Countersignature Date, such Greenway Segments currently anticipated are listed in **EXHIBIT B** to this Agreement, as the same may be revised and supplemented from time to time by HPBLGC as implementation of the Project progresses, subject to approval of the Director. The Director of HPARD may make revisions to the Project alignment based on the 30% design set at his or her discretion or by mutual agreement of the Parties. The revised and supplemented **EXHIBIT B** as approved by the Director shall be deemed to be effective for all purposes and shall be deemed to be **EXHIBIT B** of this Agreement. HPBLGC, acting through its manager, HPB, shall provide professional construction management services and construction of each Greenway Segment’s improvements in accordance with such **EXHIBIT B**.

B. The Director of GSD, HPBLGC and the City Attorney shall mutually agree on a standard form of construction contract prior to commencement of any construction. As each construction contract is finalized, the Director of HPARD reserves the right to review and comment on the contracts between HPBLGC and its construction contractors.

### Section 2.2. **Insurance; Bonds**

A. HPBLGC shall require that each construction contractor for the Project provide the following insurance: (1) Workers’ compensation covering the contractor in the amount required by law; (2) Commercial General Liability Insurance including broad form coverage, contractual liability, bodily and personal injury, and completed operations for bodily and property damage (minimum limits of \$1,000,000 per occurrence, with a minimum aggregate limit of \$2,000,000); and (3) Comprehensive Automobile Liability Insurance, including owned and non-owned, as well as hired, vehicles used for the Project (limits of \$1,000,000 combined single limit for each single occurrence). All insurance policies must require on their face, or by endorsement, that the insurance carrier waives any rights of subrogation against the City. Each contractor shall give 30 days’ written notice to HPBLGC and the City before its policies are canceled or not renewed. Each contractor shall name HPBLGC and the City as “Specific Additional Insured” on the Commercial General Liability and Comprehensive Automobile Liability policies.

B. Prior to beginning construction, HPBLGC shall require each contractor to provide the City with copies of bonds covering faithful performance of this Agreement and payment of obligations arising under it as required pursuant to Chapter 2253 of the Texas Government Code. Each contractor shall name the City as dual obligee on such bonds.

Section 2.3. **Minority, Women and Small Business Enterprises**

A. It is the City's policy to ensure that MWSBEs have the full opportunity to compete for and participate in City contracts. The objectives of Chapter 15, Articles II and V, of the City of Houston Code of Ordinances, relating to City-wide percentage goals for contracting with MWSBEs, are incorporated into this Agreement.

B. HPBLGC shall comply and shall require its construction contractors to comply with such Chapter 15 requirements in connection with construction subcontracts. The City's policy does not require HPBLGC to in fact meet or exceed this goal, but it does require HPBLGC to objectively demonstrate that it has made good faith efforts to do so. To this end, HPBLGC's contractors shall maintain records showing:

- (i) subcontracts with MWSBEs, and
- (ii) specific efforts to identify and award subcontracts and supply agreements to MWSBEs.

HPBLGC shall submit periodic reports of its efforts under this Section to the Director of the Office of Business Opportunity for the City in the form and at the times he or she prescribes.

C. The agreements between HPBLGC and its construction contractors and any subcontractor agreements must expressly require compliance with such Chapter 15 requirements.

Section 2.4. **Scope of Work: Land Acquisition and Design**

A. HPBLGC shall attempt, at its sole cost and expense, to acquire all of the real property necessary to construct the Project either by purchase, dedication or donation, either in fee simple or through appropriate easements, including but not limited to conservation easements pursuant to the State of Texas Landowner's Bill of Rights as prepared by the Office of the Attorney General of Texas.

- (i) For each Greenway Segment in the Project, HPBLGC shall develop conceptual illustrative plans for such Greenway Segment, including proposed general routes or alignments for trails, subject to the approval of the Director of HPARD, and HPBLGC's acquisition of real property necessary for such Greenway Segment shall conform to such approved conceptual plans. Title to all such real property shall be taken in the name of the City, either directly or by transfer from HPBLGC or HPB to the City, in each case free and clear of liens and otherwise complying with the standards of HPARD for acquisition of parklands, which includes a survey and a Phase 1 and Phase 2, if needed, as property must have a Residential Clearance.
- (ii) In acquiring real property for the Project, City hereby designates HPBLGC, acting through its manager HPB, and their respective consultants, agents and as a designated, non-exclusive land and right-of-way acquisition agents of the City for the Project. If good-faith efforts by HPBLGC to acquire one or more parcels of real property needed for the Project through voluntary transactions are unsuccessful, and the Director of HPARD deems the parcel(s) essential for the connectivity and completion of Bayou Greenways 2020, HPBLGC may request the Director of HPARD to recommend, by action of City Council, for the acquisition of such real property through the exercise of the City's power of eminent domain in accordance with the procedures set forth in **EXHIBIT C** attached hereto. All such requests shall be made in writing to the Director and

include a current title commitment and appraisal report for the needed real property.

B. HPBLGC shall provide the City all goods and services necessary to design the Project in accordance with **EXHIBIT B**, as revised and supplemented from time to time. HPBLGC shall engage one or more design professionals for the design of the Project in accordance with the Professional Services Procurement Act, Government Code Chapter 2254. HPBLGC shall prepare and submit preliminary alignment and initial scope after surveys have been completed, as well as all 30%, 50%, and 95% Final plans and drawings to the Director of HPARD for review and approval, which the Director will not unreasonably withhold. The Project is not exempt from professional licensing requirements under Section 1001.053 of the Texas Occupations Code.

C. The parties intend that the costs of all Project costs for land acquisition and design shall be covered by proceeds of the Private Commitment.

### **ARTICLE III DUTIES OF CITY**

#### **Section 3.1. Annual Appropriations of Public Commitment.**

A. HPBLGC has obtained cash and pledges or other commitments in the amount of \$20,900,000 (“**Initial Private Contribution**”) toward the total amount of the Private Commitment and hereby reaffirms their commitment to raise an additional \$84,100,000 in additional Private Contributions for a total contribution of \$105,000,000 over the Term of this Agreement, as amended.

B. Consistent with the findings herein, the City hereby commits to take all necessary steps to make available to HPBLGC over the Term of this Agreement, as amended, the Public Commitment in the amount of \$100,000,000. The Public Commitment shall be used to pay Eligible Project Costs in an amount equaling, in the aggregate, \$100,000,000, from which the City will pay a total project management fee in an amount of 4% of the Public Commitment, payable incrementally with the disbursements made under Section 3.3 of this Agreement, for the services rendered by HPBLGC, acting through its manager HPB, under this Agreement.

C. In order to accomplish this Project, the City shall establish the BG2020 Funding Program and intends to appropriate the initial Annual Public Commitment no later than August 31, 2013, and to appropriate Annual Public Commitments as of the same day of each of the next six (6) consecutive City fiscal years thereafter until its \$100,000,000 Public Commitment for the Project is complete. However, the City has appropriated no funds for any obligation under this agreement and shall have no obligation to pay money hereunder until and unless City Council approves an appropriation therefor.

#### **Section 3.2. Public Commitment Requests.**

A. Prior to the Countersignature Date, HPBLGC has provided to the Directors of Finance and HPARD an overall Project scope and schedule with estimated Project costs for City fiscal years 2014 through 2020 in the form of **EXHIBIT B** attached hereto, listing by Greenway Segment the estimated Eligible Project Costs for such proposed scope of work, plus a more detailed annual scope of work and estimated Project costs for City’s Fiscal Year 2014 beginning on July 1, 2013. Based on the Initial Private Contribution of HPBLGC, HPBLGC has applied for an initial Annual Public Commitment in the amount of \$11,400,000 to be made available to HPBLGC to assist HPBLGC in the initial phase of the Project, including paying for Eligible Project Costs necessary to initiate the work on the Project. The initial Annual Public Commitment is a part of and is included in the total Public Commitment. The Director of Finance and the Director of HPARD have approved such documentation, confirmed that the

Initial Private Contribution has been raised and are thus eligible for matching, and the Director of Finance shall bring the initial Annual Public Commitment in the amount of \$11,400,000 to City Council for consideration no later than August 31, 2013.

B. No later than the last day of February in each calendar year during the Term of this Agreement, HPBLGC shall provide to the Directors of HPARD and Finance (i) an updated version of the overall Project scope, schedule and estimated Project costs for the remainder of the Term of this Agreement substantially in the form of **EXHIBIT B**; (ii) a more detailed annual scope of work to be undertaken by HPBLGC in the upcoming City fiscal year, listing by Greenway Segment the estimated Eligible Project Costs for such proposed scope of work; and (iii) a Public Commitment Request containing all the information required in Section 3.2.C below; to which the Directors will respond within thirty (30) days after receipt.

C. Each Public Commitment Request must include the following Project information:

- (i) a statement of the percentage of the prior Commitment that the Expenditures made and to be made in the then current City fiscal year constitute, which must equal at least 60% of such prior Commitment;
- (ii) a statement of the aggregate amount of all Expenditures to date from all prior public Commitments and the aggregate amount of all Project costs paid to date from the Private Commitment; and
- (iii) certification from HPBLGC that HPBLGC has raised Private Contributions sufficient to establish a one-to-one match for the next Annual Public Commitment, and which certification shall set forth the amount of such Private Contributions that is available in cash on hand and the amount that is made up of pledges and commitments.

D. The Directors of HPARD and Finance shall review the Public Commitment Request, including all of the items required in Section 3.2.C above, and the Directors shall have the right to review HPBLGC's donor records at the offices of HPBLGC. For clarification, Private Contributions raised in one City fiscal year that exceed the required 1:1 match with the Annual Public Commitment in that fiscal year may be carried forward and counted toward HPBLGC's 1:1 match for subsequent fiscal years' Annual Public Commitments. Upon the Directors' approval of the updated **EXHIBIT B**, the detailed annual scope, schedule and cost estimate for the upcoming City fiscal year, and the Public Commitment Request and supporting materials, which approval shall not be unreasonably withheld, the Directors shall certify to the City that HPBLGC is eligible for the Annual Public Commitment requested by HPBLGC to continue or complete the Project.

E. Upon the Directors' certification to the City that HPBLGC is eligible for the appropriation of the requested Annual Public Commitment for the Project, the Director of Finance shall include the estimated Annual Public Commitments as shown in the updated **EXHIBIT B** in the City's proposed Capital Improvement Plan for the upcoming City fiscal year to be presented to City Council for approval by June 30 in the then-current City fiscal year. Each Annual Public Commitment shall also include the cost recovery (not to exceed \$200,000 annually for the next 7 years) payable to GSD in connection with the Project for the upcoming City fiscal year. The City shall thereupon take all necessary steps to make available the next Annual Public Commitment from the BG2020 Funding Program, and the Director of Finance shall bring the City's appropriation of the next Annual Public Commitment to the City Council for consideration no later than August 31 of the new City fiscal year.

F. The Parties acknowledge that the City Council has the sole authority to appropriate or not to appropriate Public Commitment funds. The Public Commitment specified in Section 3.1 constitutes

HPBLGC's total compensation for its services under this Agreement. HPB recognizes that, under its Charter, the City may not obligate itself by contract to pay more money than the amount the City Council appropriates, and further recognizes that effective as of the Countersignature Date, the City Council has included in the Capital Improvement Plan for City fiscal year 2014 only the initial Annual Public Commitment of \$11,400,000 to pay Eligible Project Costs under this Agreement. The City agrees and commits that following the creation of the BG2020 Funding Program, the Director of Finance will take to City Council for consideration the appropriation, no later than August 31, 2013, of such initial Annual Public Commitment associated with this Agreement.

**Section 3.3. Disbursements of Annual Public Commitments for Eligible Project Costs.**

A. Upon appropriation of an Annual Public Commitment, the City shall disburse funds therefrom to HPBLGC as set forth below:

- (i) With respect to each construction contract for all or part of a Greenway Segment, HPBLGC will submit to the Directors of Finance and GSD a Request for Disbursement for an initial draw for use as a rolling fund during construction under such contract, as follows. Upon receipt of the qualified low bid for the construction of a Greenway Segment or portion thereof as listed in the annual scope of work for such City fiscal year, as previously approved by the Director pursuant to Section 3.2.D, HPBLGC will submit to the Director a Request for Disbursement in an amount sufficient to pre-fund (i) 20% of the qualified low bid, (ii) 10% contingency, plus (iii) 4% of (i) and (ii) for HPB's project management fee, as a rolling fund for start-up costs and other Eligible Project Costs during construction of such Greenway Segment.
- (ii) On a monthly basis after such initial Request for Disbursement under such construction contract, HPBLGC will submit to the Directors of Finance and GSD a Request for Disbursement for reimbursement of Eligible Project Costs during the preceding month. The first such Request for Disbursement for reimbursements shall include a complete copy of the final executed construction contract, performance bonds and contractor's proof of insurance for construction work for the Greenway Segment or portion thereof covered in such approved annual scope of work. Each such Request for Disbursement for reimbursement shall be accompanied by supporting documentation consisting of paid invoices, including paid invoices for HPBLGC's 4% management fee and the corresponding proof of payments.
- (iii) In each month, HPBLGC shall submit all Requests for Disbursements for construction contracts to the Directors of Finance and GSD in a single package, with a cover sheet that states (x) the amount of each Request for Disbursement, identified by contract and Greenway Segment, (y) the total amount of all Requests for Disbursements submitted in such package for such month, and (z) compares such total amount for such month to the total amount estimated for such month on the approved annual scope of work for such City fiscal year.

B. Upon the approval by the Directors of Finance and GSD of each Request for Disbursement and supporting documentation as required herein, the Director of GSD shall direct the Controller to make payments to HPBLGC at its address for notices within thirty (30) days of the Directors' receipt of the package of Requests for Disbursement and all required supporting documentation. If for any reason the Director of GSD disputes any items in any Request for Disbursement that HPBLGC submits, including lack of supporting documentation, the Director shall (i) direct the Controller to pay all undisputed amounts and (ii) promptly notify HPBLGC of the dispute and

request remedial action. After the dispute is settled, HPBLGC shall have the right to resubmit a Request for Disbursement and supporting documentation for the previously disputed amount as provided for in this Section 3.3, included in the combined package of monthly Requests for Disbursements next submitted by HPBLGC following the date the dispute is settled. For clarification, it is the intent of the parties that only one package of Requests for Disbursements shall be submitted by HPBLGC in any one month, and the disbursement to be made by the Controller when authorized by the Director of GSD shall be made in a single check issued to HPBLGC within 30 days of submittal of such package.

C. The City is exempt from payment of Federal Excise and Transportation Tax and Texas Limited Sales and Use Tax. HPBLGC's invoices to the City must not contain assessments of any of these taxes. Upon request by HPBLGC, the City Attorney will furnish the City's exemption certificate and federal tax identification number to HPBLGC.

#### Section 3.4. **Maintenance**

The City shall maintain the Bayou Greenways, including both the portions of the Bayou Greenways in existence as of the Countersignature Date and each Greenway Segment as construction thereof is completed by HPBLGC. The parties hereto commit to negotiate in good faith and enter into a binding Maintenance Agreement no later than December 31, 2013, (i) establishing mutually agreeable maintenance standards for the completed Bayou Greenways as contemplated in this Agreement; (ii) identifying a long term (no more than 30 years) revenue source that is not subject to annual appropriations for funding such maintenance to the agreed standards; and (iii) requiring the implementation of such long term solution no later than July 1, 2014. For the interim period between the Countersignature Date and ending on the effective date of the Maintenance Agreement, the City shall maintain the existing Bayou Greenways and completed Greenway Segments to standards equivalent to trails in Mason Park.

#### Section 3.5. **Eminent Domain**

If good-faith efforts by HPBLGC to obtain all of the real property necessary for the Project by purchase, dedication, donation or otherwise are unsuccessful, then upon the recommendation of the Director of HPARD pursuant to Section 2.4.A(ii) above and upon City Council's approval, then in accordance with the procedures set forth in **EXHIBIT D** attached hereto, the City will exercise the authority granted to it by the Constitution and laws of the State of Texas, including Chapters 251 and 273 of the Texas Local Government Code, Sec. 402.031 of the Texas Government Code and Chapter 21 of the Texas Property Code, to acquire the real property needed for the completion of the Project by the exercise of the power of eminent domain. All costs of eminent domain, including appraisals and costs of litigation, including but not limited to reasonable fees of professional consultants, expert witnesses and litigation counsel, shall be paid by HPBLGC from the Private Commitment.

### **ARTICLE IV TERM AND TERMINATION**

#### Section 4.1. **Agreement Term**

This Agreement is effective on the Countersignature Date and expires upon the Director's acceptance of the Project and the City's final payment to HPBLGC, unless sooner terminated under this Agreement.

**Section 4.2. Termination**

A. Either party may terminate this Agreement, without cause, by 365 days' written notice to the other party. After termination under this provision, neither party shall have any further obligation under this Agreement, except as follows: HPBLGC shall return to the City any funds that the City has paid to HPBLGC and that HPBLGC has not expended in accordance with this Agreement or encumbered to pay its obligations under a contract existing at the time of such termination for the completion of the Project.

B. Either party may terminate its performance under this Agreement if the other party defaults and fails to cure the default after receiving notice of it. Default occurs if a party fails to perform one or more of its material duties under this Agreement. If a default occurs, the injured party shall deliver a written notice to the defaulting party describing the default and the proposed termination date. The date must be at least 90 days after receipt of such notice. The injured party, at its sole option, may extend the proposed termination date to a later date. If the defaulting party cures the default before the proposed termination date, the proposed termination is ineffective. If the defaulting party does not cure the default before the proposed termination date, the injured party may terminate its performance under this Agreement on the termination date. The Director of Finance shall act on behalf of the City to notify HPBLGC of a default and to effect termination.

C. After any such 90-day period described in Sections 4.2.A or B above, the parties will cooperate in good faith to carry out the orderly transition of the Project from HPBLGC to the City or to such successor to HPBLGC as Project sponsor as the City may designate. In connection with such termination and transition, HPBLGC shall transfer all of its rights, title and interests to the City or such successor all contracts and materials relating to the Project, including but not limited to (i) all parcels of land acquired by HPBLGC for any Greenway Segment, (ii) all plans, specifications and construction drawings for the Project, and (iii) all construction contracts and bids for construction contracts for the Project. City shall be responsible for reviewing and funding, on the terms of this Agreement, all Requests for Disbursements submitted by HPBLGC with respect to work on the Project through the last day of any such 90-day period.

**ARTICLE V  
MISCELLANEOUS PROVISIONS**

**Section 5.1. Responsibilities of the Parties**

The parties agree that except for City's designation of HPBLGC as its agent for acquisition of right of way in connection with eminent domain and except by operation of law relating to HPBLGC being a local government corporation created by the City for the purpose of assisting the City in certain of its governmental functions, neither party is an agent, servant, or employee of the other party and that each party is responsible for its individual acts and deeds as well as the acts and deeds of its contractors, employees, representatives, and agents.

**Section 5.2. Force Majeure**

Neither party shall be held liable for any loss or damage due to delay or failure in performance of any part of this Agreement from any cause beyond its control and without its fault or negligence, such causes may include acts of God, acts of civil or military authority, government regulations (except those promulgated by the party seeking the benefit of this section), embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, strikes, power blackouts, other major environmental disturbances or unusually severe weather conditions.

**Section 5.3. Severability**

If any part of this Agreement is for any reason found to be unenforceable, all other parts remain enforceable unless the result materially prejudices either party.

**Section 5.4. Entire Agreement**

This Agreement merges the prior negotiations and understandings of the parties and embodies the entire agreement of the parties. No other agreements, assurances, conditions, covenants (express or implied), or other terms of any kind, exist between the parties regarding this Agreement.

**Section 5.5. Written Amendment**

Unless otherwise specified elsewhere in this Agreement, this Agreement may be amended only by written instrument executed on behalf of the City (by authority of an ordinance adopted by the City Council) and HPB. The Director is only authorized to perform the functions specifically delegated to him or her in this Agreement.

**Section 5.6. Applicable Laws**

This Agreement is subject to the laws of the State of Texas, the City Charter and Ordinances, the laws of the federal government of the United States, and all rules and regulations of any regulatory body or officer having jurisdiction. Venue for any litigation relating to this Agreement is Harris County, Texas.

**Section 5.7. Notices**

Except for HPBLGC’s submittal of monthly packages of Requests for Disbursements to the Director of Finance as contemplated in Section 3.3 of this Agreement, all notices to either party to this Agreement must be in writing and must be delivered by hand, facsimile, United States registered or certified mail, return receipt requested, United States Express Mail, Federal Express, Airborne Express, UPS or any other national overnight express delivery service. The notice must be addressed to the party to whom the notice is given at its address set out below or other address the receiving party has designated previously by giving written notice of its changed address to the other party. Postage or delivery charges must be paid by the party giving the notice.

<b>City:</b>	<b>HPBLGC:</b>
City of Houston Director, Houston Parks and Recreation Department 2999 South Wayside Houston, Texas 77023	Houston Parks Board LGC, Inc. Attention: Executive Director 300 North Post Oak Lane Houston, Texas 77024

**Section 5.8. Captions**

Captions contained in this Agreement are for reference only, and, therefore, have no effect in construing this Agreement. The captions are not restrictive of the subject matter of any section in this Agreement.

Section 5.9. **Non-Waiver**

If either party fails to require the other to perform a term of this Agreement, that failure does not prevent the party from later enforcing that term and all other terms. If either party waives the other's breach of a term, that waiver does not waive a later breach of this Agreement. An approval by the Director, or by any other employee or agent of the City, of any part of HPBLGC's performance does not waive compliance with this Agreement or establish a standard of performance other than that required by this Agreement and by law.

Section 5.10. **Enforcement; Audit Rights.**

The City Attorney or his or her designee may enforce all legal rights and obligations under this Agreement without further authorization of the City. HPBLGC shall make available to the City Attorney, at HPBLGC's offices, at a time mutually agreed upon by HPBLGC and the City Attorney, all documents and records pertaining to this Agreement that the City Attorney requests to assist in determining HPBLGC's compliance with this Agreement, with the exception of those documents made confidential by federal or State law or regulation.

Audit Rights. HPBLGC shall establish and maintain an accounting system that enables the City Controller or his designee ("City Controller") to readily identify HPBLGC's assets, expenses, costs of goods, and use of funds. This should include cost centers/cost objects that allow summarizing on the Bayou Greenways 2020 Project cost in the aggregate and by function/cost center, and/or cost object. The City Controller and its authorized representatives shall have the right to audit, to examine, and to make copies of or extracts from all financial and related records (in whatever form they may be kept, whether written, electronic, or other) relating to or pertaining to this Agreement kept by or under the control of HPBLGC, including, but not limited to those kept by HPBLGC, its employees, agents, assignees, successors, and subcontractors. Such records shall include, but not be limited to, external auditors reports and audited financial statements, detailed accounting records that support the audited financial statements, written policies and procedures; subcontract files (including proposals of successful and unsuccessful bidders, bid recaps, etc.); all paid vouchers including those for out-of-pocket expenses; other reimbursement supported by invoices; ledgers; cancelled checks; deposit slips; bank statements; journals; original estimates; estimating work sheets; contract amendments and change order files; back-charge logs and supporting documentation; insurance documents; payroll documents; timesheets; memoranda; and correspondence.

Records Retention. HPBLGC shall, at all times during the term of this Agreement and for a period of 5 years after the completion of this Agreement, maintain such records, together with such supporting or underlying documents and materials. This should also include cost centers/cost objects that allow summarizing on the Bayou Greenways 2020 Project cost in the aggregate and by function/cost center, and/or cost object. HPBLGC shall at any time requested by the City Controller, whether during or after completion of this Agreement, and at HPBLGC's own expense, make such records available for inspection and audit (including copies and extracts of records as required) by the City Controller. Such records shall be made available to the City Controller during normal business hours at HPBLGC's office or place of business and (subject to a 14 day written notice/without prior notice). In the event that no such location is available, then the financial records, together with the supporting or underlying documents and records, shall be made available for audit at a time and location agreed to by the City Controller.

HPBLGC shall ensure the City has these rights with HPBLGC's employees, agents, assigns, successors, and subcontractors, and the obligations of these rights shall be explicitly included in any subcontracts or agreements formed between the HPBLGC and any subcontractors to the extent that those subcontracts or agreements relate to fulfillment of the HPBLGC's obligations to the City.

Costs of Audit. Costs of any audits conducted under the authority of this right to audit and not addressed elsewhere will be borne by the City unless the following exemption criteria are met:

If the audit identifies overpricing or overcharges (of any nature) by HPBLGC to the City in excess of three percent (3.0%) of the total contract billings HPBLGC shall reimburse the City for the total costs of the audit.

If the City Controller's audit discovers substantive findings related to fraud, misrepresentation, or non-performance, the City may recoup the costs of the audit work from HPBLGC. Any adjustments and/or payments that must be made as a result of any such audit or inspection of HPBLGC's invoices and/or records shall be made within a reasonable amount of time (not to exceed 90 days) from presentation of the City Controller's findings to HPBLGC.

**Section 5.11. Ambiguities**

If any term of this Agreement is ambiguous, it shall not be construed for or against any party on the basis that the party did or did not write it.

**Section 5.12. Survival**

HPBLGC shall remain obligated to the City under all clauses of this Agreement that expressly or by their nature extend beyond the expiration or termination of this Agreement, including but not limited to, the indemnity provisions.

**Section 5.13. Parties in Interest**

This Agreement does not bestow any rights upon any third party, but binds and benefits the City and HPBLGC only.

**Section 5.14. Successors and Assigns**

This Agreement binds and benefits the parties and their legal successors and permitted assigns; however, this provision does not alter the restrictions on assignment and disposal of assets set out in the following paragraph. This Agreement does not create any personal liability on the part of any official, officer, director, employee or agent of the City, HPBLGC, or HPBLGC's manager, HPB.

**Section 5.15. Business Structure and Assignments**

HPBLGC shall not assign this Agreement at law or otherwise or dispose of all or substantially all of its assets without the Director's prior written consent. Nothing in this clause, however, prevents the assignment of accounts receivable or the creation of a security interest as described in §9.406 of the Texas Business & Commerce Code. In the case of such an assignment, HPBLGC shall immediately furnish the City with proof of the assignment and the name, telephone number, and address of the Assignee and a clear identification of the fees to be paid to the Assignee. Other than the right of HPBLGC to carry out its obligations hereunder through its manager HPB, HPBLGC shall not delegate any portion of its performance under this Agreement without the prior written consent of the City Attorney and the Directors of Finance and HPARD, such consent not to be unreasonably withheld or delayed provided that the City is not deprived of any rights or protections.

Section 5.16. **Remedies Cumulative**


Unless otherwise specified elsewhere in this Agreement, the rights and remedies contained in this Agreement are not exclusive, but are cumulative of all rights and remedies which exist now or in the future. Neither party may terminate its duties under this Agreement except in accordance with its provisions.

*[Remainder of this Page Intentionally Left Blank]*

The parties have executed this Agreement in multiple copies, each of which is an original.

**HPBLGC:**  
**HOUSTON PARKS BOARD LGC, INC.**

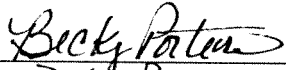
**CITY:**  
**CITY OF HOUSTON, TEXAS**  
Signed by:

By:   
Name: Roxsan Okan-Vick  
Title: Executive Director  
Tax ID No.: 26-3091027

\_\_\_\_\_  
Mayor

ATTEST/SEAL (if a corporation):  
WITNESS (if not a corporation):

ATTEST/SEAL:

By:   
Name: Becky Porteous  
Title: Finance Manager

\_\_\_\_\_  
City Secretary

APPROVED:

\_\_\_\_\_  
Director, Houston Parks and Recreation Department

APPROVED:

\_\_\_\_\_  
Director, Finance Department

APPROVED:

\_\_\_\_\_  
Director, General Services Department

COUNTERSIGNED BY:

\_\_\_\_\_  
City Controller

DATE COUNTERSIGNED:

APPROVED AS TO FORM:


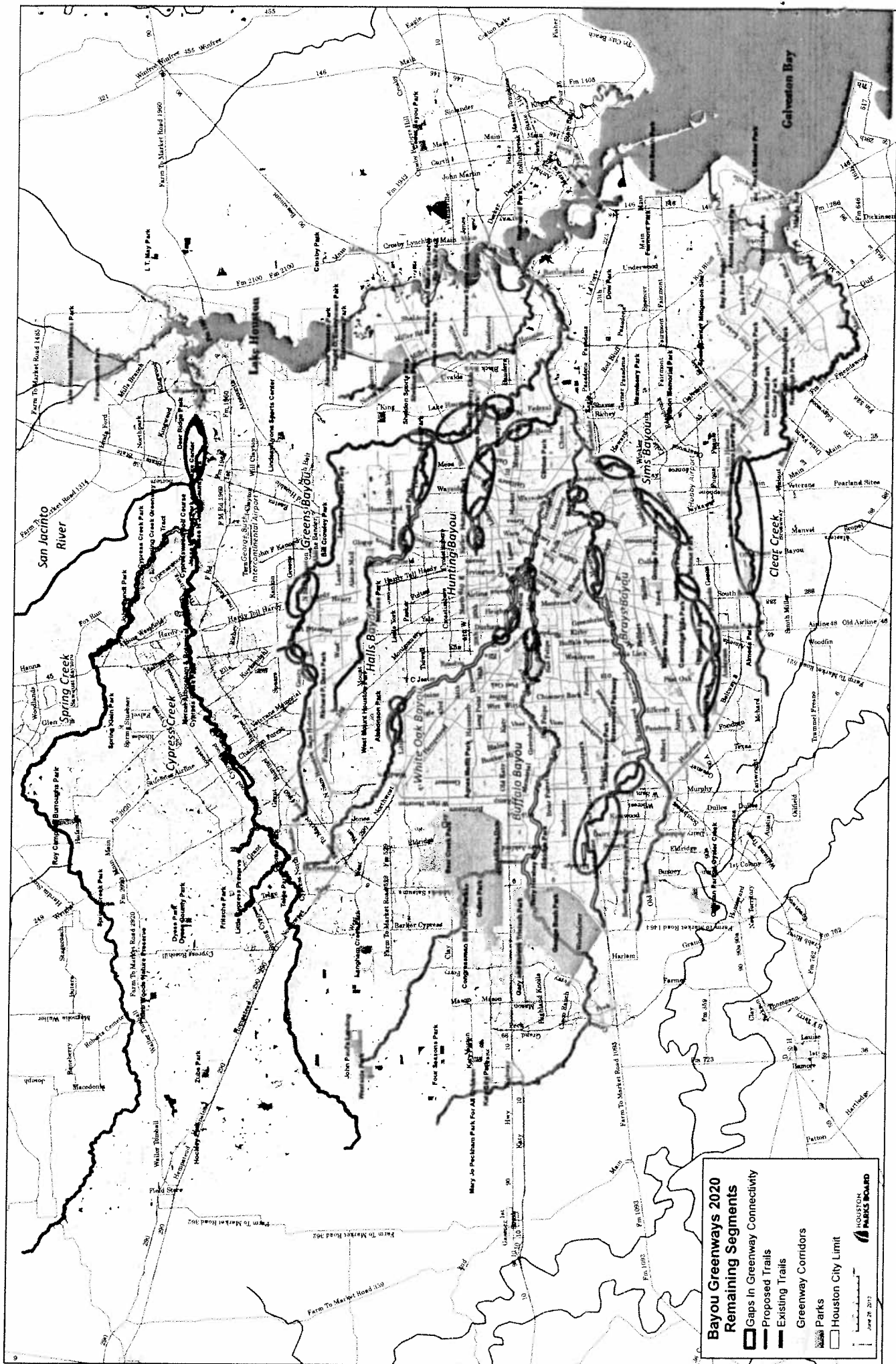
  
Sr. Assistant City Attorney  
L.D. File No. 0491300005001

EXHIBIT A

MAP OF BAYOU GREENWAYS 2020

A handwritten signature in black ink, appearing to be 'T. P. ...', located in the bottom right corner of the page.

*F. Alkin*



**Bayou Greenways 2020 Remaining Segments**

- Gaps in Greenway Connectivity
- Proposed Trails
- Existing Trails
- Greenway Corridors
- Parks
- Houston City Limit

HOUSTON PARKS BOARD  
JUNE 28, 2017

**EXHIBIT B**

**PROJECT SCOPE, SCHEDULE AND ELIGIBLE COSTS MATRIX**

A handwritten signature or scribble in black ink, consisting of several horizontal strokes and a vertical stroke, located in the bottom right corner of the page.



ID	Task Name	Project ID	Cost	2013				2014				2015				2016				2017				2018				2019				2020			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
111	Design	BR-TR-030	\$80,000.00																																
112	Construction		\$400,000.00																																
113	Trail Acceptance		\$400,000.00																																
114	Signage and Additional Amenities		\$80,000.00																																
115	Daily Maintenance and Storage Detention Basins		\$2,025,000.00																																
116	Land Acquisition	\$0.00																																	
117	Design	BU-TR-005	\$255,000.00																																
118	Construction		\$1,500,000.00																																
119	Trail Acceptance		\$1,500,000.00																																
120	Signage and Additional Amenities		\$1,500,000.00																																
121	Trail Acceptance		\$1,500,000.00																																
122	Design	BU-TR-004	\$11,219,430.40																																
123	Construction		\$4,607,430.40																																
124	Trail Acceptance		\$840,000.00																																
125	Signage and Additional Amenities		\$3,783,588.48																																
126	Trail Acceptance		\$3,343,588.48																																
127	Design	BU-TR-006	\$420,000.00																																
128	Construction		\$0.00																																
129	Trail Acceptance		\$0.00																																
130	Signage and Additional Amenities		\$0.00																																
131	Trail Acceptance		\$0.00																																
132	Design	BU-TR-003	\$3,752,000.00																																
133	Construction		\$1,747,000.16																																
134	Trail Acceptance		\$1,205,000.00																																
135	Signage and Additional Amenities		\$1,650,000.00																																
136	Trail Acceptance		\$1,650,000.00																																
137	Design	BU-TR-002	\$150,000.00																																
138	Construction		\$4,860,000.00																																
139	Trail Acceptance		\$0.00																																
140	Signage and Additional Amenities		\$0.00																																
141	Trail Acceptance		\$0.00																																
142	Design	BU-TR-001	\$3,752,000.00																																
143	Construction		\$1,747,000.16																																
144	Trail Acceptance		\$1,205,000.00																																
145	Signage and Additional Amenities		\$1,650,000.00																																
146	Trail Acceptance		\$1,650,000.00																																
147	Design	BU-TR-007	\$150,000.00																																
148	Construction		\$4,860,000.00																																
149	Trail Acceptance		\$0.00																																
150	Signage and Additional Amenities		\$0.00																																
151	Trail Acceptance		\$0.00																																
152	Design	BU-TR-006	\$3,752,000.00																																
153	Construction		\$1,747,000.16																																
154	Trail Acceptance		\$1,205,000.00																																
155	Signage and Additional Amenities		\$1,650,000.00																																
156	Trail Acceptance		\$1,650,000.00																																
157	Design	BU-TR-005	\$150,000.00																																
158	Construction		\$4,860,000.00																																
159	Trail Acceptance		\$0.00																																
160	Signage and Additional Amenities		\$0.00																																
161	Trail Acceptance		\$0.00																																
162	Design	BU-TR-004	\$3,752,000.00																																
163	Construction		\$1,747,000.16																																
164	Trail Acceptance		\$1,205,000.00																																
165	Signage and Additional Amenities		\$1,650,000.00																																
166	Trail Acceptance		\$1,650,000.00																																
167	Design	BU-TR-003	\$150,000.00																																
168	Construction		\$4,860,000.00																																
169	Trail Acceptance		\$0.00																																
170	Signage and Additional Amenities		\$0.00																																
171	Trail Acceptance		\$0.00																																
172	Design	BU-TR-002	\$3,752,000.00																																
173	Construction		\$1,747,000.16																																
174	Trail Acceptance		\$1,205,000.00																																
175	Signage and Additional Amenities		\$1,650,000.00																																
176	Trail Acceptance		\$1,650,000.00																																
177	Design	BU-TR-001	\$150,000.00																																



ID	Task Name	Project ID	Cont	2013		2014		2015		2016		2017		2018		2019		2020		
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
383	Trail Construction	HA-TR-002	\$4,730,000.32																	
384	Signage and Additional Amenities			\$0.00																
385	Mesa Transit Center to Thowell			\$4,484,378.80																
386	Land Acquisition			\$29,330.00																
387	Design	HA-TR-003	\$3,714,898.88																	
388	Trail Construction			\$3,574,989.68																
389	Signage and Additional Amenities			\$140,000.00																
390	Land Acquisition			\$97,073.00																
391	Design	HA-TR-004	\$345,000.00																	
392	Trail Construction			\$1,170,000.00																
393	Signage and Additional Amenities			\$60,000.00																
394	Land Acquisition			\$1,650,000.00																
395	Design	HU-TR-001	\$2,885,158.01																	
396	Trail Construction			\$1,790,000.00																
397	Signage and Additional Amenities			\$1,650,000.00																
398	Land Acquisition			\$40,000.00																
399	Design	HU-TR-002	\$24,887,844.00																	
400	Trail Construction			\$10,900,001.28																
401	Signage and Additional Amenities			\$3,272,000.00																
402	Land Acquisition			\$460,000.00																
403	Design	HU-TR-003	\$2,428,800.00																	
404	Trail Construction			\$2,200,000.00																
405	Signage and Additional Amenities			\$220,000.00																
406	Land Acquisition			\$4,045,843.04																
407	Design	HU-TR-004	\$535,983.04																	
408	Trail Construction			\$560,000.00																
409	Signage and Additional Amenities			\$2,970,000.00																
410	Land Acquisition			\$2,750,000.00																
411	Design	HU-TR-005	\$220,000.00																	
412	Trail Construction			\$489,559.96																
413	Signage and Additional Amenities			\$320,000.00																
414	Land Acquisition			\$2,478,888.84																
415	Design	HU-TR-006	\$1,839,899.84																	
416	Trail Construction			\$1,538,889.84																
417	Signage and Additional Amenities			\$120,000.00																
418	Land Acquisition			\$2,430,000.18																
419	Design	HU-TR-007	\$498,899.98																	
420	Trail Construction			\$300,000.00																
421	Signage and Additional Amenities			\$1,839,000.16																
422	Land Acquisition			\$0.00																
423	Design	HU-TR-008	\$290,000.00																	
424	Trail Construction			\$115,000.00																
425	Signage and Additional Amenities			\$890,000.00																
426	Land Acquisition			\$550,000.00																
427	Design	SU-TR-001	\$0.00																	
428	Trail Construction			\$40,000.00																
429	Signage and Additional Amenities			\$1,050,000.00																
430	Land Acquisition			\$770,000.00																
431	Design	SU-TR-002	\$165,000.00																	
432	Trail Construction			\$870,000.00																
433	Signage and Additional Amenities			\$160,000.00																
434	Land Acquisition			\$590,000.00																
435	Design	SU-TR-003	\$2,890,000.00																	
436	Trail Construction			\$2,750,000.00																
437	Signage and Additional Amenities			\$140,000.00																
438	Land Acquisition			\$835,000.00																
439	Design	SU-TR-004	\$0.00																	
440	Trail Construction			\$835,000.00																
441	Signage and Additional Amenities			\$3,300,000.00																
442	Land Acquisition			\$3,300,000.00																
443	Design	SU-TR-005	\$0.00																	
444	Trail Construction			\$0.00																
445	Signage and Additional Amenities			\$0.00																
446	Land Acquisition			\$0.00																

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Trail Name	Project ID	Cost	2015				2016				2017				2018			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
364 Signage and Additional Amenities	SH-TR-003	\$0.00																
365 Main Luther King Blvd to West of Cullen along Airport		\$2,090,000.00																
366 Land Acquisition		\$0.00																
367 Design		\$550,000.00																
370 Construction	\$1,540,000.00																	
371 Trail Acceptance	\$0.00																	
372 Signage and Additional Amenities	SH-TR-004	\$200,000.00																
373 West of Cullen Blvd to State Highway 288		\$2,070,000.00																
374 Land Acquisition		\$0.00																
375 Design		\$270,000.00																
378 Construction	\$1,540,000.00																	
379 Trail Acceptance	\$0.00																	
380 Signage and Additional Amenities	SH-TR-006	\$200,000.00																
381 State Highway 288 to Buffalo Speedway		\$4,540,000.00																
382 Land Acquisition		\$0.00																
383 Design		\$650,000.00																
386 Construction	\$2,920,000.00																	
387 Trail Acceptance	\$3,550,000.00																	
388 Signage and Additional Amenities	SH-TR-004	\$400,000.00																
389 Buffalo Speedway to South Post Oak		\$2,775,000.00																
390 Land Acquisition		\$0.00																
391 Design		\$375,000.00																
394 Construction	\$2,400,000.00																	
395 Trail Acceptance	\$2,200,000.00																	
396 Signage and Additional Amenities	SH-TR-007	\$200,000.00																
397 South Post Oak to Crockett Street		\$810,000.00																
398 Land Acquisition		\$0.00																
399 Design		\$115,000.00																
400 Construction	\$700,000.00																	
401 Trail Acceptance	\$640,000.00																	
402 Signage and Additional Amenities	SH-TR-008	\$60,000.00																
403 Liberty Street to Hillcroft Ave.		\$1,930,000.00																
404 Land Acquisition		\$0.00																
405 Design		\$285,000.00																
407 Construction	\$1,635,000.00																	
408 Trail Acceptance	\$1,250,000.00																	
409 Signage and Additional Amenities	SP-TR-001	\$340,000.00																
410 Spring Creek Land Acquisitions		\$4,095,000.00																
411 58 Park in Bluffs to Woodland Hills		\$400,000.00																
412 Land Acquisition		\$560,000.00																
415 Design	\$500,000.00																	
417 Construction	\$2,310,000.00																	
418 Trail Acceptance	\$0.00																	
419 Signage and Additional Amenities	WO-TR-015	\$300,000.00																
420 White Oak Bluffs		\$2,470,483.34																
421 Greenway Land Acquisitions		\$14,089,969.72																
422 Land Acquisition		\$1,882,787.28																
425 Design	\$260,378.00																	
426 Construction	\$1,332,409.34																	
427 Trail Acceptance	\$1,198,076.00																	
428 Signage and Additional Amenities	WO-TR-012	\$0.00																
429 Tiger Project 2 (MKT West (Bridges) to West (11th))		\$133,333.34																
430 Signage and Additional Amenities		\$5,432,498.24																
431 Land Acquisition		\$379,300.00																
432 Design	\$3,000.00																	
433 Construction	\$3,053,498.54																	
434 Trail Acceptance	\$3,586,874.00																	
435 Signage and Additional Amenities	WO-TR-001	\$0.00																
436 Tiger Project 3 (Various projects North of Downtown)		\$206,666.68																
437 Land Acquisition		\$437,205.00																
438 Design		\$2,970,991.88																
439 Construction	\$50,000.00																	
440 Trail Acceptance	\$1,933,783.84																	
441 Signage and Additional Amenities	WO-TR-006	\$0.00																
442 State Park to MKT Connection		\$200,000.00																
443 Land Acquisition		\$951,661.64																
444 Design		\$50,000.00																
445 Construction	\$800,000.00																	
446 Trail Acceptance	\$0.00																	
447 Signage and Additional Amenities	SH-TR-003	\$101,666.67																
448 Land Acquisition		\$0.00																
449 Design		\$0.00																
450 Construction		\$101,666.67																
451 Trail Acceptance	\$0.00																	
452 Signage and Additional Amenities																		

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## EXHIBIT C

### EMINENT DOMAIN PROCEDURES

A. Upon City's receipt of the Director's recommendation for the exercise of eminent domain pursuant to Section 2.4.A (ii) of this Agreement, and subject to approval by action of the City Council, the City will commence eminent domain proceedings as follows, using HPBLGC as its designated land and right-of-way acquisition agent, pursuant to the State of Texas Landowner's Bill of Rights as prepared by the Office of the Attorney General of Texas.

B. HPBLGC, as City's designated land and right-of-way acquisition agent, will adhere to will be responsible for the payment of all costs and expenses attendant to any proceedings in eminent domain, including but not limited to the amount of the final offer to the landowner, filing fees, special commissioners' fees, appraisal costs, title costs, amount of the special commissioners' award, amount of any final judgment plus any interest thereon, and any other necessary fees and expenses, but excluding City staff time, office supplies and other City administrative costs or expenses related to this Agreement.

C. HPBLGC, in its capacity as City's designated land and right-of-way acquisition agent, shall have the right: (i) to select and, at no cost to City, to retain special counsel, subject to the prior approval of the City Attorney which approval shall not be unreasonably withheld, for the acquisition of such real property through eminent domain or under threat of eminent domain; and (ii) to manage and supervise such special counsel's legal services in connection with such acquisition of real property for the Project. All offers to purchase real property and all pleadings filed by such special counsel in eminent domain cases and proceedings shall be made or filed in the name of the City, and title to such real property acquired through eminent domain or under threat of condemnation shall be taken in the name of the City.

D. HPBLGC shall have the right, upon notice to the Director and the City Attorney, to terminate any particular proceeding in eminent domain filed pursuant to this Agreement. In the event that the City dismisses any proceeding in eminent domain, whether at the request of HPBLGC or due to the failure of HPBLGC to provide all the necessary funds for the proceedings, or if such a proceeding is dismissed for any reason by a court, and, as a result the City is held liable for any of the costs incurred by the landowner and enumerated in Section 21.019 of the Texas Property Code, then such costs shall be paid by HPBLGC within thirty (30) days of receipt of notice from the City of the amount due.



**EXHIBIT D**

**REQUEST FOR DISBURSEMENT FORM**

**Greenway Segment(s):**

\_\_\_\_\_

\_\_\_\_\_

**Work to be completed:**

\_\_\_\_\_

\_\_\_\_\_

**A. TOTAL COST**

- 1. Qualified low bid: \$ \_\_\_\_\_
- 2. Contingency: 10% x A.1: \$ \_\_\_\_\_
- 3. Management: 4% x A.1+A.2: \$ \_\_\_\_\_
- 4. Total Cost, this Segment: \$ \_\_\_\_\_

**B. INITIAL CAPITAL DRAW REQUEST**

- 1. Total Cost (same as A.4): \$ \_\_\_\_\_
- 2. Initial Request: 20% x B.1: \$ \_\_\_\_\_

**C. ADDITIONAL REIMBURSEMENT REQUEST**

- 1. Total Cost (same as A.4): \$ \_\_\_\_\_
- 2. All Prior Requests, this Segment: \$ \_\_\_\_\_
- 3. Remaining Balance (C.1-C.2): \$ ( \_\_\_\_\_ )
- 4. Current Request: \$ ( \_\_\_\_\_ )
- 5. Management: 4% x C.4: \$ a \_\_\_\_\_
- 6. Total Current Request: \$ \_\_\_\_\_

- YES NO Executed Construction Contract submitted/attached
- YES NO Copy of bonds submitted/attached
- YES NO Proof of Insurance submitted/attached
- YES NO Copy of approved contractor pay form submitted/attached

**ADDITIONAL INFORMATION**

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_, 201\_:

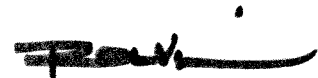
HOUSTON PARKS BOARD LGC, INC.

By: Houston Parks Board, Inc.  
As Its Manager

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

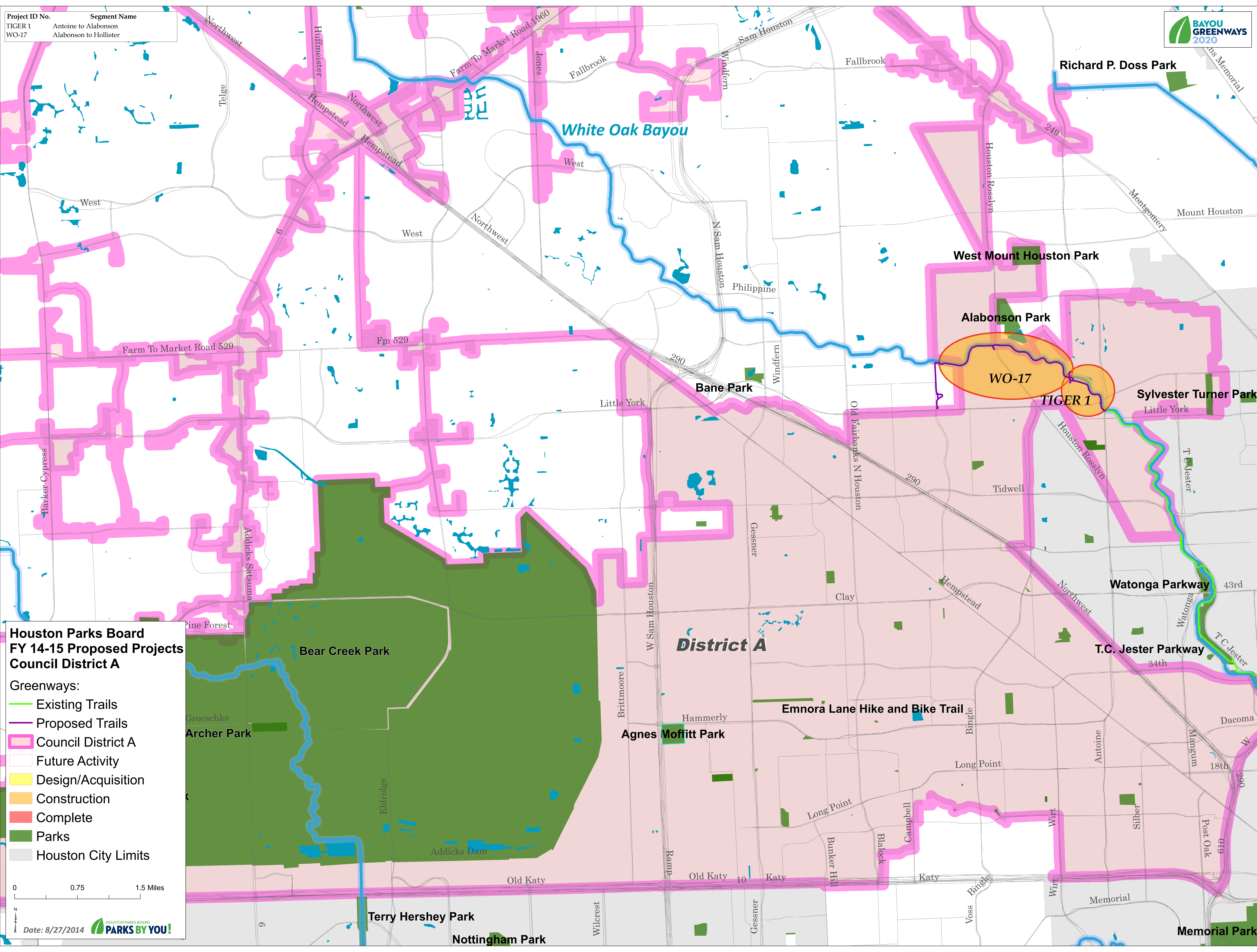


Project ID No.	Segment Name
TIGER 1	Antoine to Alabonson
WO-17	Alabonson to Hollister

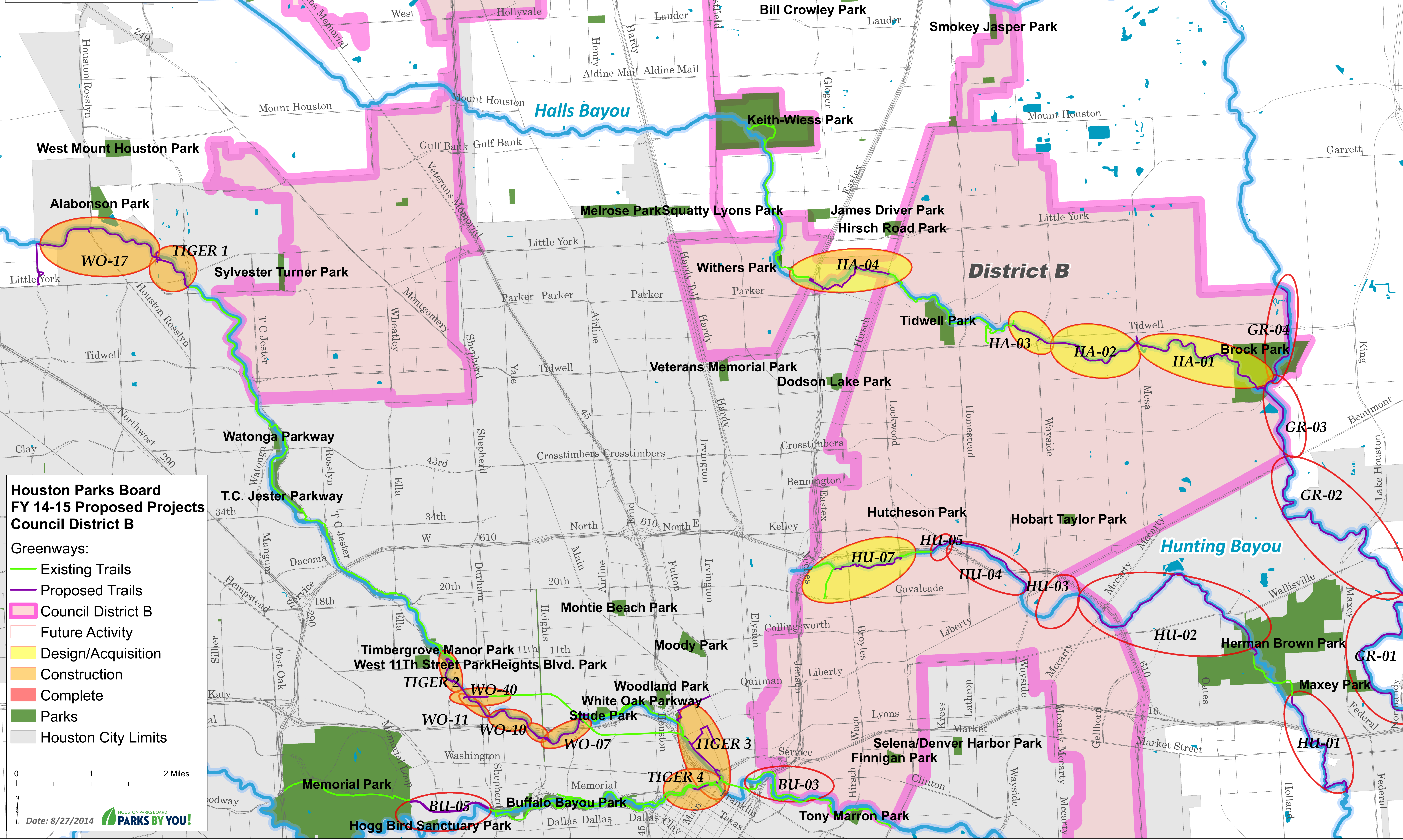
**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District A**

- Greenways:**
- Existing Trails
  - Proposed Trails
- Other Features:**
- Council District A
  - Future Activity
  - Design/Acquisition
  - Construction
  - Complete
  - Parks
  - Houston City Limits

0 0.75 1.5 Miles



Project ID No.	Segment Name
BR-14	Hermann Park
GR-01	Thomas Bell Foster Park to Coolgreen
GR-04	Brock Park to Mt. Houston
GR-05	BW8 to Aldine Westfield
GR-08	Hardy Toll Road to Bradfield Park
GR-09	Bradfield Park to Imperial Valley
GR-11	I45 to North Fork
GR-13	North Fork to Northborough
GR-14	Northborough to Greens/Gears
GR-16	Greens/Gears to Greens Parkway
HA-01	Brock Park to Mesa
HA-02	Mesa to Tidwell
HA-03	Tidwell to Bretshire
HA-04	Hirsch to Jensen
HU-01	Ship Channel to Herman Brown Park
HU-02	Herman Brown Park to Amoor
HU-04	Liberty to Kelley
HU-07	Hutcheson to Leeland Park
SP-01	US 59 Park and Ride to Woodland Hills
TIGER 2	MKT to 11th



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District B**

- Greenways:**
- Existing Trails
  - Proposed Trails
  - Council District B
  - Future Activity
  - Design/Acquisition
  - Construction
  - Complete
  - Parks
  - Houston City Limits

Project ID No.	Segment Name
BU-03	US 59 to Lockwood
WO-07	Studemont to Heights
WO-08	Heights to Bonner
WO-10	Bonner to Shepherd
WO-11	Shepherd to MKT
WO-40	MKT Bridge

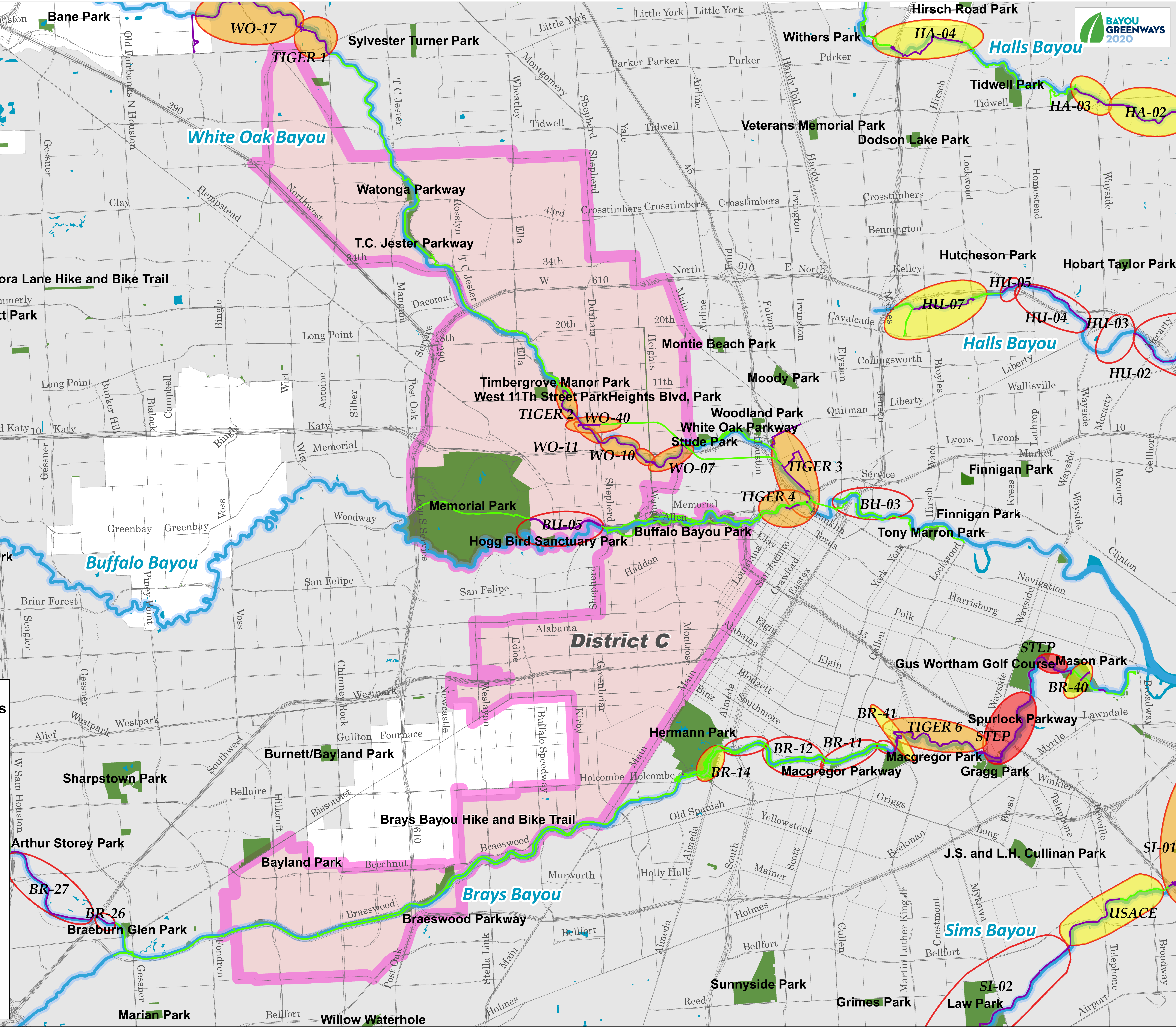
**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District C**

**Greenways:**

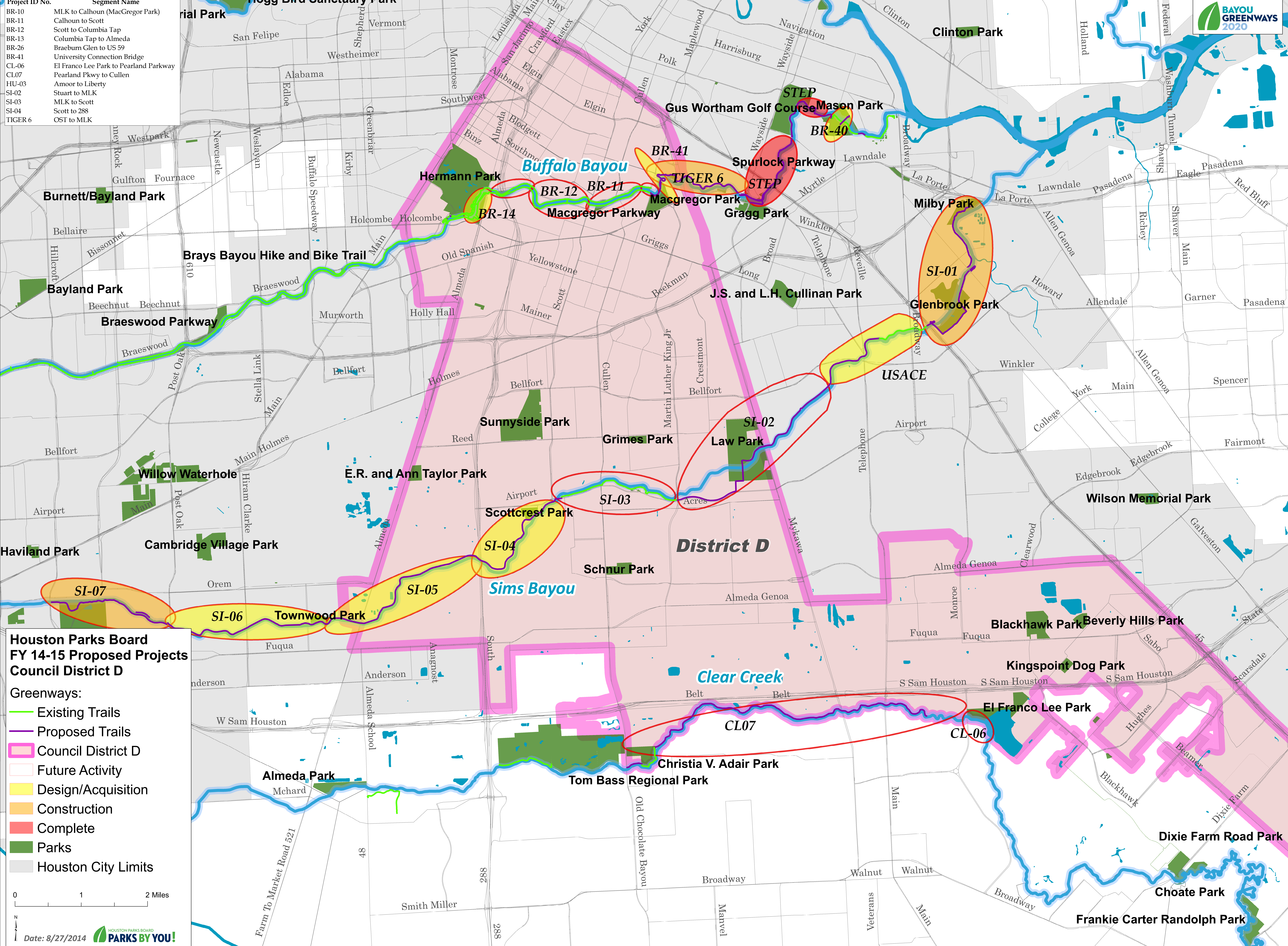
- Existing Trails
- Proposed Trails
- Council District C
- Future Activity
- Design/Acquisition
- Construction
- Complete
- Parks
- Houston City Limits

0 1 2 Miles

Date: 8/27/2014



Project ID No.	Segment Name
BR-10	MLK to Calhoun (MacGregor Park)
BR-11	Calhoun to Scott
BR-12	Scott to Columbia Tap
BR-13	Columbia Tap to Alameda
BR-26	Braeswood Glen to US 59
BR-41	University Connection Bridge
CL-06	El Franco Lee Park to Pearland Parkway
CL-07	Pearland Pkwy to Cullen
HU-03	Amoor to Liberty
SI-02	Stuart to MLK
SI-03	MLK to Scott
SI-04	Scott to 288
TIGER 6	OST to MLK



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District D**

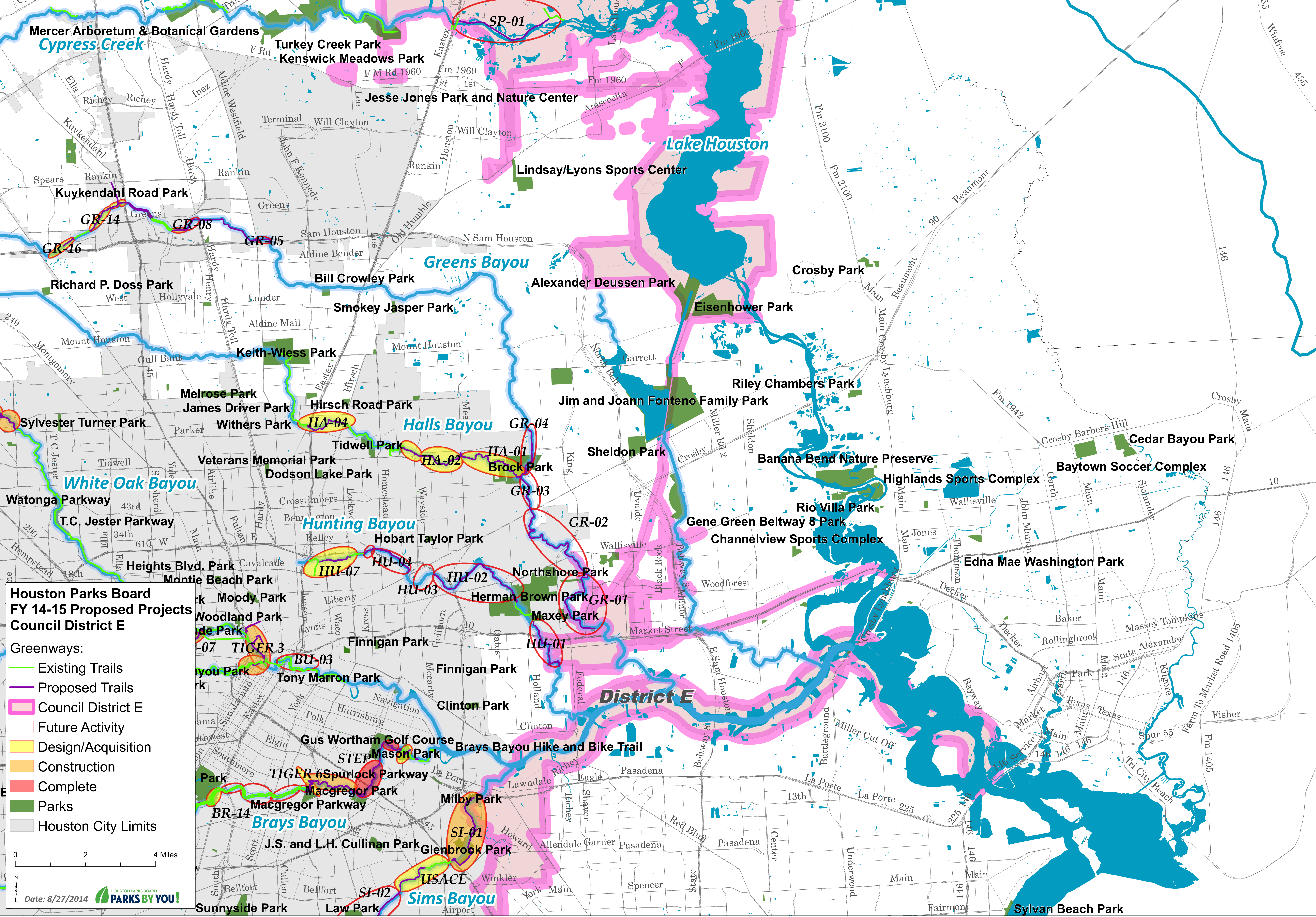
**Greenways:**

- Existing Trails
- Proposed Trails
- Council District D
- Future Activity
- Design/Acquisition
- Construction
- Complete
- Parks
- Houston City Limits

0 1 2 Miles

Date: 8/27/2014 **PARKS BY YOU!**

Project ID No.	Segment Name
BU-05	Memorial Park Connector
GR-01	Thomas Bell Foster Park to Coolgreen
GR-02	Coolgreen to HW 90
GR-03	HW 90 to Brock Park
SI-01	I-45 to Milby Park



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District E**

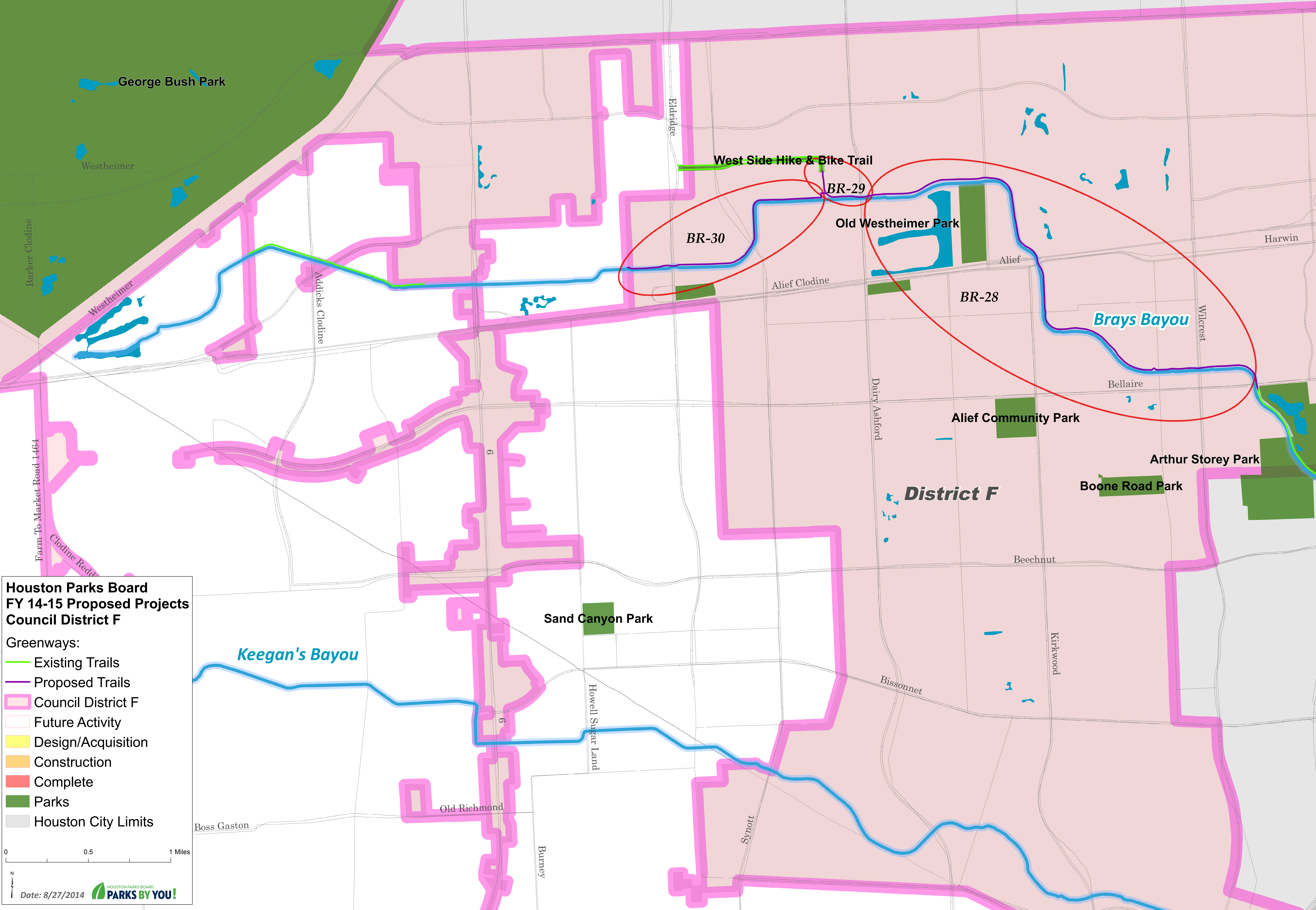
**Greenways:**

- Existing Trails
- Proposed Trails
- Council District E
- Future Activity
- Design/Acquisition
- Construction
- Complete
- Parks
- Houston City Limits

0 2 4 Miles

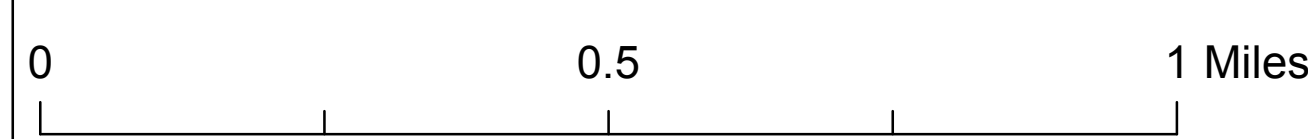
Date: 8/27/2014

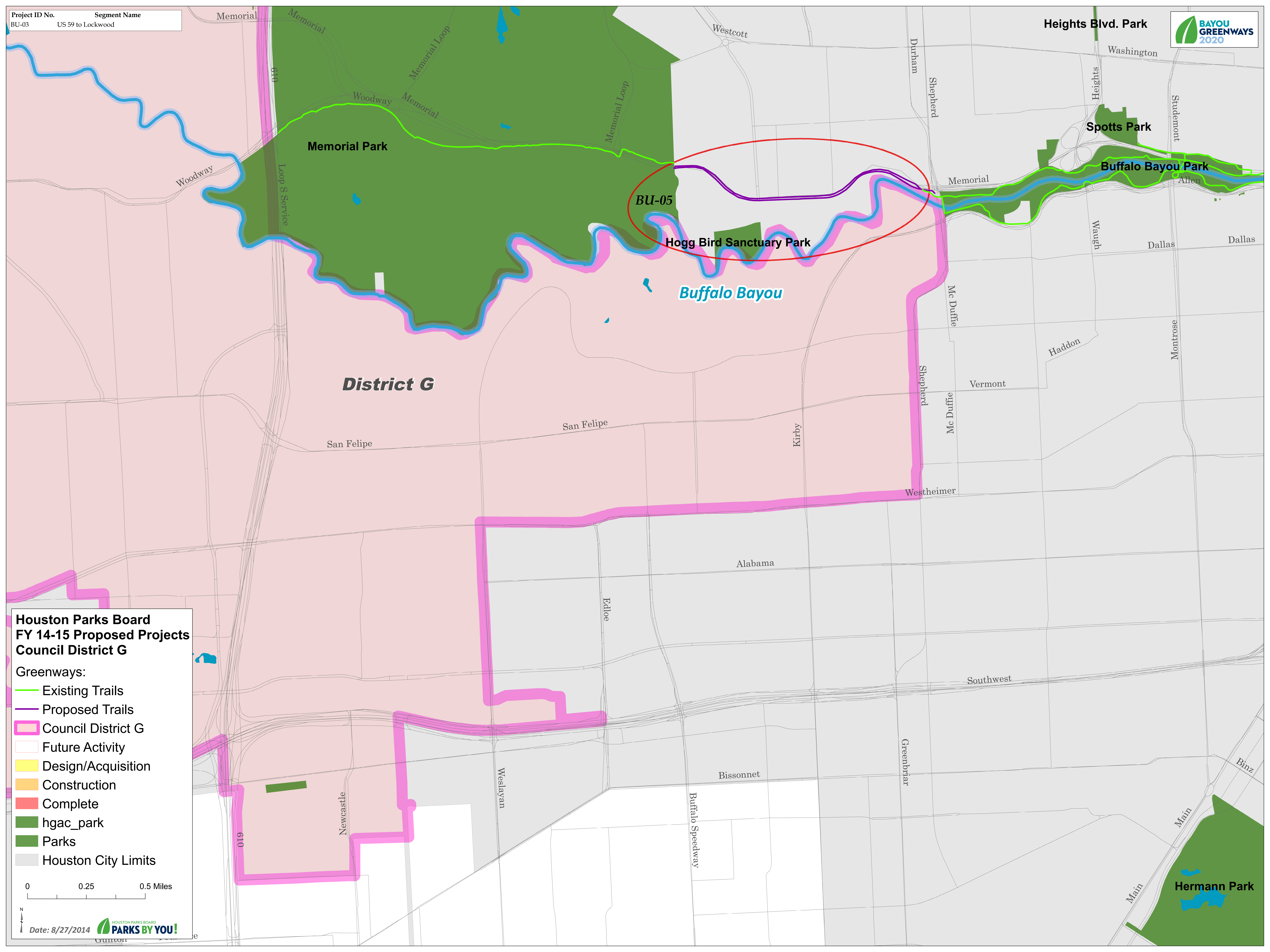
Project ID No.	Segment Name
BR-29	Westpark Connection
BR-30	Dairy Ashford to Eldridge Detention Bas
HU-05	Kelley to Hutcheson Park



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District F**

- Greenways:**
- Existing Trails
  - Proposed Trails
  - Council District F
  - Future Activity
  - Design/Acquisition
  - Construction
  - Complete
  - Parks
  - Houston City Limits





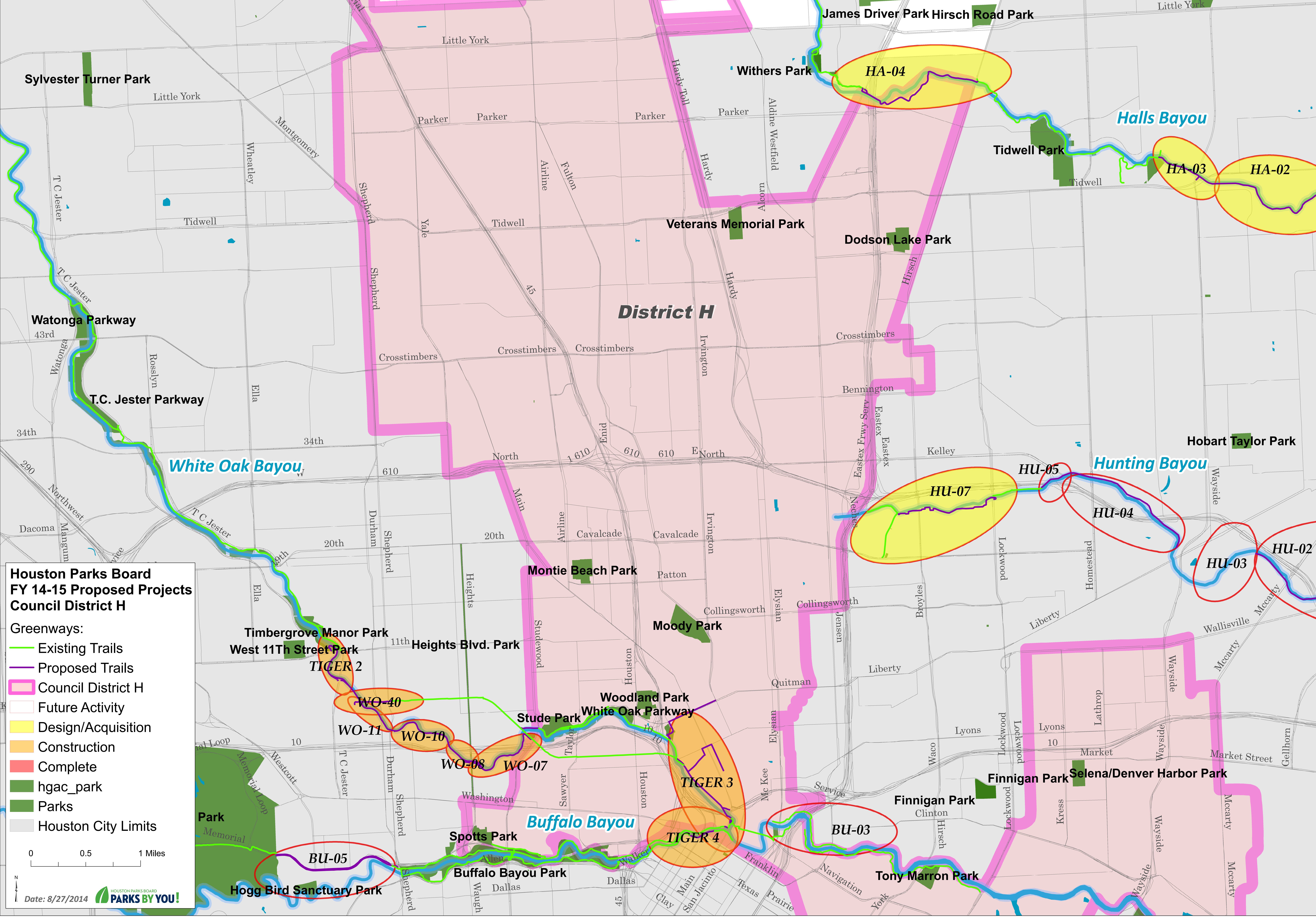
**District G**

**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District G**

- Greenways:
- Existing Trails
  - Proposed Trails
  - Council District G
  - Future Activity
  - Design/Acquisition
  - Construction
  - Complete
  - hgac\_park
  - Parks
  - Houston City Limits

0 0.25 0.5 Miles

Project ID No.	Segment Name
BR-14	Hermann Park
HA-04	Hirsh to Jensen
TIGER 3	Downtown Connections
TIGER 4	Travis to Main
WO-07	Studemont to Heights



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District H**

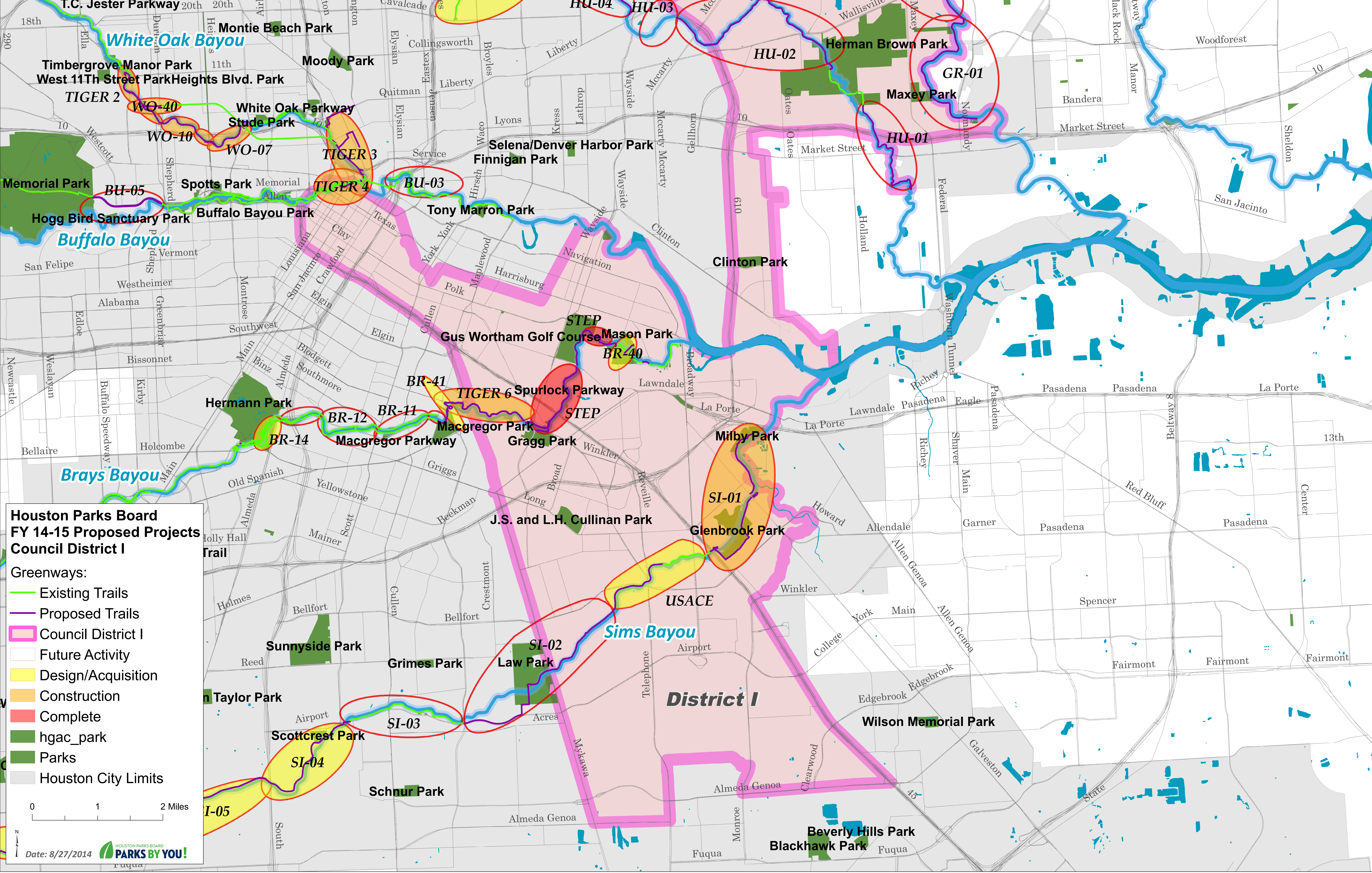
**Greenways:**

- Existing Trails
- Proposed Trails
- Council District H
- Future Activity
- Design/Acquisition
- Construction
- Complete
- hgac\_park
- Parks
- Houston City Limits

0 0.5 1 Miles

Date: 8/27/2014

Project ID No.	Segment Name
BR-40	Mason Park Bridge
CL-06	El Franco Lee Park to Pearland Parkway
GR-01	Thomas Bell Foster Park to Coolgreen
GR-02	Coolgreen to HW 90
GR-03	HW 90 to Brock Park
HU-01	Ship Channel to Herman Brown Park
SI-01	I-45 to Milby Park
SI-06	Buffalo Speedway to S Post Oak
STEP	Lawndale to OST
STEP	75th Street
TIGER 2	MKT to 11th
TIGER 3	Downtown Connections
TIGER 4	Travis to Main
TIGER 6	OST to MLK



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District I**

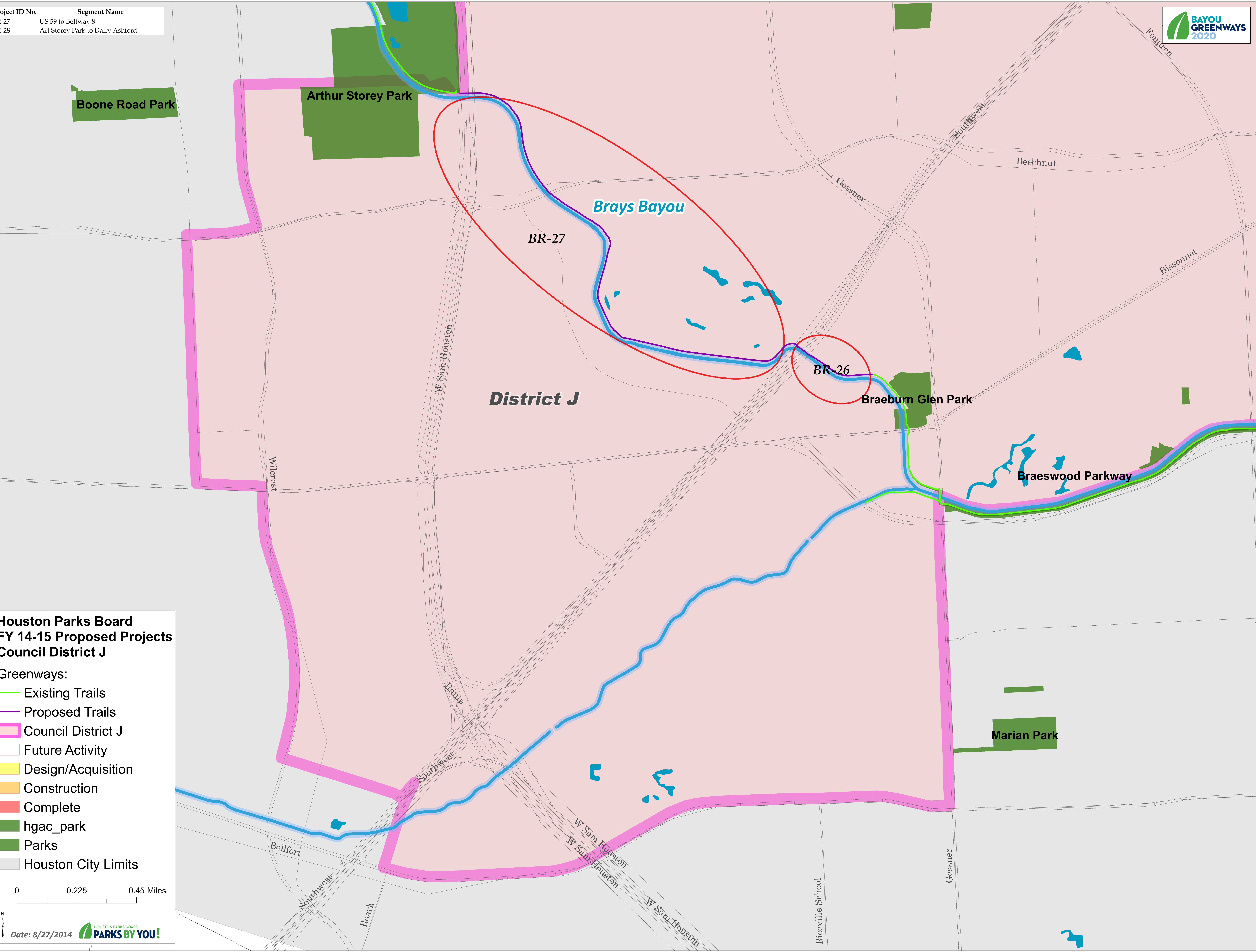
**Greenways:**

- Existing Trails
- Proposed Trails
- Council District I
- Future Activity
- Design/Acquisition
- Construction
- Complete
- hgac\_park
- Parks
- Houston City Limits

0 1 2 Miles

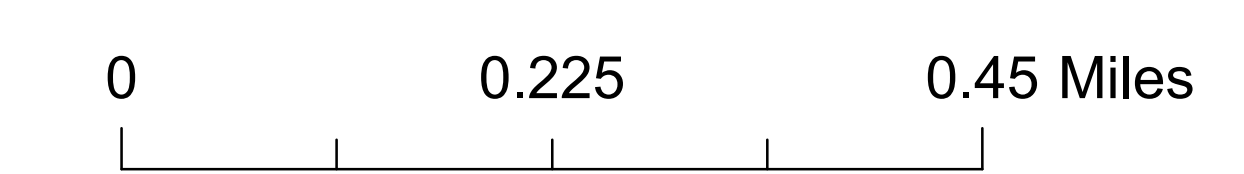
Date: 8/27/2014

Project ID No.	Segment Name
BR-27	US 59 to Beltway 8
BR-28	Art Storey Park to Dairy Ashford

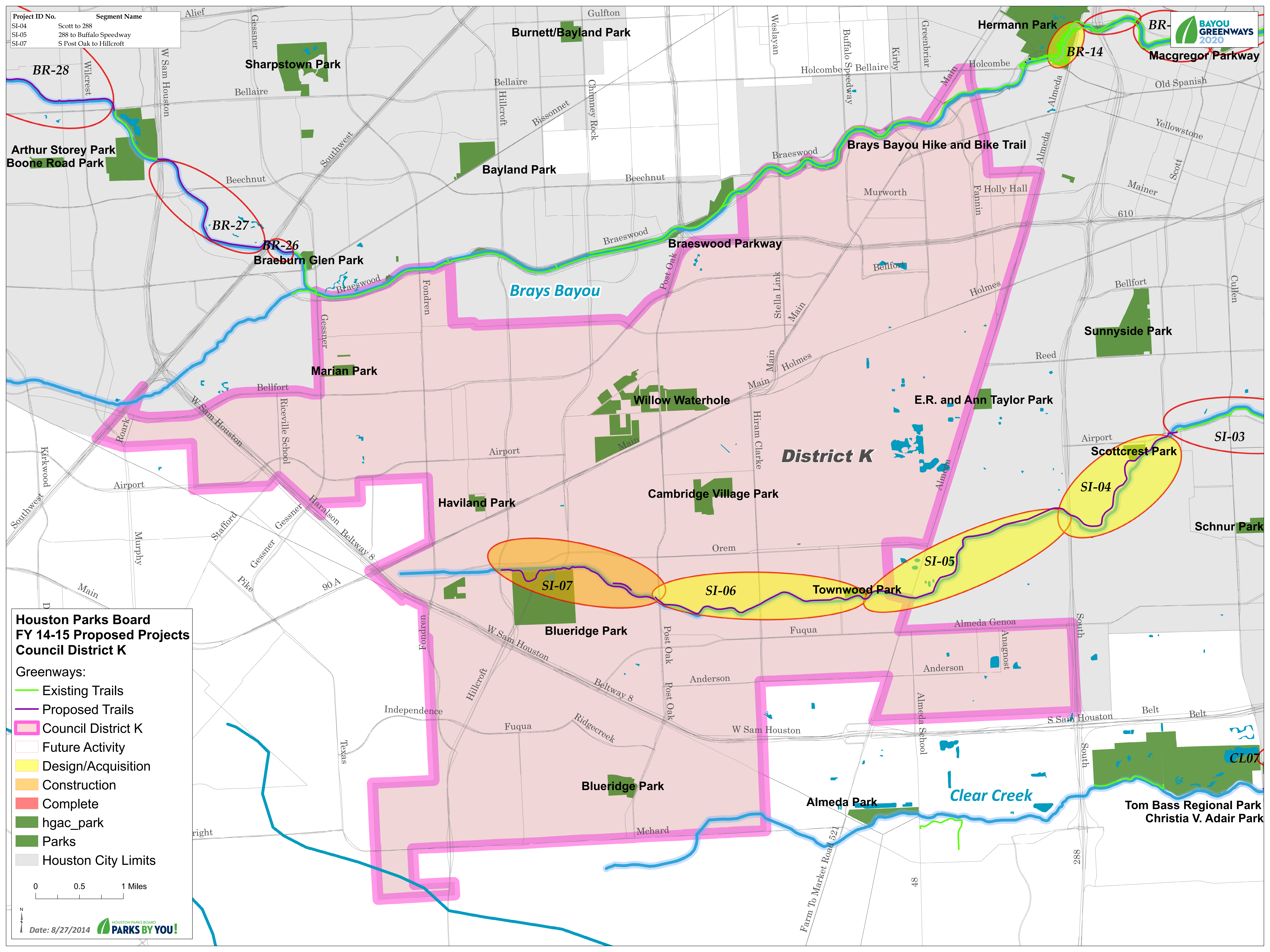


**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District J**

- Greenways:
- Existing Trails
  - Proposed Trails
  - Council District J
  - Future Activity
  - Design/Acquisition
  - Construction
  - Complete
  - hgac\_park
  - Parks
  - Houston City Limits



Project ID No.	Segment Name
SI-04	Scott to 288
SI-05	288 to Buffalo Speedway
SI-07	S Post Oak to Hillcroft



**Houston Parks Board  
FY 14-15 Proposed Projects  
Council District K**

- Greenways:**
- Existing Trails
  - Proposed Trails
  - Council District K
  - Future Activity
  - Design/Acquisition
  - Construction
  - Complete
  - hgac\_park
  - Parks
  - Houston City Limits

0 0.5 1 Miles

Date: 8/27/2014 **PARKS BY YOU!**

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District I

Item Creation Date: 9/3/2014

C&E-Houston Downtown Park Corp

Agenda Item#: 8.

**Summary:**

ORDINANCE approving and authorizing the City of Houston, Texas, as Grantor, to convey to the **HOUSTON DOWNTOWN PARK CORPORATION**, as Grantee, an easement in certain real property located within the Convention District Garage across from George R. Brown Convention Center, Houston, Texas - **DISTRICT I - GALLEGOS**

**Background:**

**SUBJECT:**

Ordinance approving and authorizing a conveyance by the City to the Houston Downtown Park Corporation (the "Park Corporation") of an easement in certain real property located within the Convention District Garage ( the "Garage") across from the George R. Brown Convention Center.

**RECOMMENDATION: (Summary)**

Ordinance approving and authorizing a conveyance by the City to the Park Corporation of an easement in certain real property located within the Garage under the Discovery Green Park for use by the Park Corporation in its operation and maintenance of Discovery Green Park for the city.

**SPECIFIC EXPLANATION:**

In connection with the transfer of the Discovery Green Garage to the City of Houston, the Convention and Entertainment Facilities Department informally agreed to allow the Park Corporation to use areas of the Garage for the storage of equipment necessary for the operation of the Discovery Green Park. The purpose of the easement is to formalize that practice between the parties.

The Convention & Entertainment Facilities Department recommends that City Council approve this ordinance conveying an easement to the Park Corporation for these storage areas.

**Prior Council Action:**

Resolution 2004-0022

Ordn. 2004-1240

Ordn 2006-0028

**Contact Information:**

Robert Jackson 713-853-8116

**ATTACHMENTS:**

Description	Type
☐ RCA	Backup Material



**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District C

MYR-FY 2015 Op Budget 4 City Park Redevelopment Authority

Agenda Item#: 9.

**Summary:**

ORDINANCE relating to the Fiscal Affairs of the **CITY PARK REDEVELOPMENT AUTHORITY on behalf of REINVESTMENT ZONE NUMBER TWELVE, CITY OF HOUSTON, TEXAS (CITY PARK ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Authority - **DISTRICT C - COHEN**

**Background:**

The Administration has undertaken a comprehensive review of the proposed FY 15 TIRZ budgets and recommends approval of the FY 15 Operating Budget for the City Park Redevelopment Authority (the Authority).

- Total Operating Budget for FY 15 is \$837, 211, which includes \$239,198 for required fund transfers and \$598,013 for project costs.
- The FY 15 Operating Budget includes \$34,300 for administration and overhead. The authority must advise the Chief Development Officer of any budget amendments. Adjustments to the budget that exceed \$400,000 require City Council approval.

**Prior Council Action:**

Ord. No. 2013-1085, 11/20/13

**Contact Information:**

Gwen Tillotson **Phone:** (832) 393-0937

**ATTACHMENTS:**

Description	Type
<input type="checkbox"/> RCA	Signed Cover sheet
<input type="checkbox"/> backup	Backup Material

**REQUEST FOR COUNCIL ACTION**

**TO: Mayor via City Secretary** **RCA #**

<b>SUBJECT:</b> Ordinance approving the Fiscal Year 2015 Operating Budget for the City Park Redevelopment Authority	<b>Category #</b>	<b>Page</b> 1 of 1	<b>Agenda Item#</b>
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<b>FROM: (Department or other point of origin):</b> Andrew F. Icken Chief Development Officer	<b>Origination Date</b>	<b>Agenda Date</b>
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<b>DIRECTOR'S SIGNATURE:</b> 	<b>Council Districts affected:</b> C
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<b>For additional information contact:</b> Gwen Tillotson <span style="float: right;"><b>Phone:</b> (832) 393-0937</span>	<b>Date and identification of prior authorizing Council Action:</b> Ord. No. 2013-1085, 11/20/13
------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

**RECOMMENDATION: (Summary)**  
City Council adopt an ordinance approving the Fiscal Year 2015 Operating Budget for the City Park Redevelopment Authority.

**Amount of Funding:** No Funding Required

**SOURCE OF FUNDING:**       General Fund       Grant Fund       Enterprise Fund  
 Other (Specify)

**SPECIFIC EXPLANATION:**

The Administration has undertaken a comprehensive review of the proposed FY15 TIRZ budgets and recommends approval of the FY15 Operating Budget for the City Park Redevelopment Authority (the Authority).

- Total Operating Budget for FY15 is \$837,211, which includes \$239,198 for required fund transfers and \$598,013 for project costs.
- The FY15 Operating Budget includes \$34,300 for administration and overhead. The Authority must advise the Chief Development Officer of any budget amendments. Adjustments to the budget that exceed \$400,000 require City Council approval.

Attachment: FY15 Operating Budget

cc:    Marta Crinejo, Agenda  
       Anna Russell, City Secretary  
       David Feldman, City Attorney  
       Gary Dzierlenga, Senior Assistant City Attorney

**REQUIRED AUTHORIZATION**

<b>Other Authorization:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>
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CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **City Park Redevelopment Authority**  
 TIRZ: **12**  
 Fund Number: **7560/50**

<b>P R O F I L E</b>	<b>Base Year:</b>		1998
	<b>Base Year Taxable Value:</b>	\$	2,410,450
	<b>Projected Taxable Value (TY2014):</b>	\$	68,046,704
	<b>Current Taxable Value (TY2013):</b>	\$	60,178,397
	<b>Acres:</b>		91.71
	<b>Administrator (Contact):</b>		City of Houston
	<b>Contact Number:</b>		(832) 393-0985

<b>N A R R A T I V E</b>	<b>Zone Purpose:</b>
	Tax Increment Reinvestment Zone Number Twelve, City of Houston, Texas was created to facilitate the construction of single family and multi-family housing and associated retail and commercial development, and associated roadway and street reconstruction including utilities, sidewalks and lighting. Additional efforts consisted of the design and construction of recreational facilities, environmental remediation and land acquisition.

<b>P R O J E C T  P L A N</b>		<b>Total Plan</b>	<b>Cumulative Expenses (to 6/30/13)</b>	<b>Variance</b>
	<b>Capital Projects:</b>			
East T.C. Jester Blvd/Bevis Street	\$	3,685,000	\$ 5,163,277	\$ (1,478,277)
Park Facilities		1,510,000	1,236,986	273,014
Environmental Study		75,000	305,737	(230,737)
Hike & Bike Trail		100,000	-	100,000
		-	-	-
		-	-	-
		-	-	-
		-	-	-
<b>Total Capital Projects</b>	\$	5,370,000	\$ 6,706,000	\$ (1,336,000)
<b>Affordable Housing</b>		-	-	-
<b>School &amp; Education/Cultural Facilities</b>		7,996,366	2,527,600	5,468,766
<b>Financing Costs</b>		2,937,350	581,206	2,356,144
<b>Administration Costs/ Professional Services</b>		420,000	1,187,788	(767,788)
<b>Creation Costs</b>		-	-	-
<b>Total Project Plan</b>	\$	16,723,716	\$ 11,002,594	\$ 5,721,122

<b>D E B T</b>	<b>Additional Financial Data</b>	<b>FY2014 Budget</b>	<b>FY2014 Estimate</b>	<b>FY2015 Budget</b>
		<b>Debt Service</b>	\$ -	\$ -
	Principal	\$ -	\$ -	\$ -
	Interest	\$ -	\$ -	\$ -
		<b>Balance as of 6/30/13</b>	<b>Projected Balance as of 6/30/14</b>	<b>Projected Balance as of 6/30/15</b>
	<b>Year End Outstanding (Principal)</b>			
	Bond Debt	\$ -	\$ -	\$ -
	Bank Loan	\$ -	\$ -	\$ -
	Line of Credit	\$ -	\$ -	\$ -
	Developer Agreement	\$ 4,329,758	\$ 3,802,786	\$ 3,244,073
	Other	\$ -	\$ -	\$ -

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: City Park Redevelopment Authority  
 TIRZ: 12  
 Fund Number: 7560/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>RESOURCES</b>			
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ -	\$ -	\$ -
UNRESTRICTED Funds	\$ 44,905	\$ 572,973	\$ 549,994
<b>Beginning Balance</b>	\$ 44,905	\$ 572,973	\$ 549,994
City tax revenue	\$ 359,862	\$ 344,149	\$ 418,979
County tax revenue	\$ -	\$ -	\$ -
ISD tax revenue	\$ 407,659	\$ 419,439	\$ 418,232
ISD tax revenue - Pass Through	\$ -	\$ 156,329	\$ -
Community College tax revenue	\$ -	\$ -	\$ -
<b>Incremental property tax revenue</b>	\$ 767,521	\$ 919,917	\$ 837,211
<b>Miscellaneous revenue</b>	\$ -	\$ -	\$ -
COH TIRZ interest	\$ 193	\$ 461	\$ 461
Interest Income	\$ -	\$ -	\$ -
<b>Other Interest Income</b>	\$ 193	\$ 461	\$ 461
	\$ -	\$ -	\$ -
<b>Grant Proceeds</b>	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Proceeds from Bank Loan</b>	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Contract Revenue Bond Proceeds</b>	\$ -	\$ -	\$ -
<b>TOTAL AVAILABLE RESOURCES</b>	\$ 812,619	\$ 1,493,351	\$ 1,387,666

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: City Park Redevelopment Authority  
 TIRZ: 12  
 Fund Number: 7560/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>EXPENDITURES</b>			
Accounting	\$ 6,000	\$ 11,316	\$ 12,000
Administration Salaries & Benefits	\$ -	\$ -	\$ 10,000
Auditor	\$ 9,000	\$ 8,500	\$ 8,500
Bond Services/Trustee/Financial Advisor	\$ -	\$ -	\$ -
Insurance	\$ 1,000	\$ 784	\$ 800
Office Administration	\$ 3,000	\$ -	\$ 3,000
<b>TIRZ Administration and Overhead</b>	<b>\$ 19,000</b>	<b>\$ 20,600</b>	<b>\$ 34,300</b>
Engineering Consultants	\$ -	\$ -	\$ -
Legal	\$ -	\$ 4,000	\$ 5,000
Construction Audit	\$ -	\$ -	\$ -
Planning Consultants	\$ -	\$ -	\$ -
<b>Program and Project Consultants</b>	<b>\$ -</b>	<b>\$ 4,000</b>	<b>\$ 5,000</b>
<b>Management consulting services</b>	<b>\$ 19,000</b>	<b>\$ 24,600</b>	<b>\$ 39,300</b>
Capital Expenditures (See CIP Schedule)	\$ -	\$ -	\$ -
<b>TIRZ Capital Expenditures</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
City Park Venture	\$ 287,600	\$ 270,224	\$ 286,501
Gregory M. Baxter	\$ 54,651	\$ 51,350	\$ 54,442
Robert W. Nash	\$ 109,303	\$ 102,699	\$ 108,885
Linda Lackner Wheeler	\$ 109,303	\$ 102,699	\$ 108,885
<b>Developer / Project Reimbursements</b>	<b>\$ 560,857</b>	<b>\$ 526,972</b>	<b>\$ 558,713</b>
<b>System debt service</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$ 579,857</b>	<b>\$ 551,572</b>	<b>\$ 598,013</b>
Payment/transfer to ISD - educational facilities	\$ 182,671	\$ 193,249	\$ 193,249
Payment/transfer to ISD - educational facilities (Pass Through)	\$ -	\$ 156,329	\$ -
Administration Fees:			
City	\$ 17,993	\$ 17,207	\$ 20,949
County	\$ -	\$ -	\$ -
ISD	\$ 25,000	\$ 25,000	\$ 25,000
HCC	\$ -	\$ -	\$ -
Affordable Housing:			
City	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -
ISD to City of Houston	\$ -	\$ -	\$ -
Municipal Services (Payable to COH)	\$ -	\$ -	\$ -
<b>Total Transfers</b>	<b>\$ 225,664</b>	<b>\$ 391,785</b>	<b>\$ 239,198</b>
<b>Total Budget</b>	<b>\$ 805,521</b>	<b>\$ 943,357</b>	<b>\$ 837,211</b>
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ -	\$ -	\$ -
UNRESTRICTED Funds	\$ 7,098	\$ 549,994	\$ 550,455
<b>Ending Fund Balance</b>	<b>\$ 7,098</b>	<b>\$ 549,994</b>	<b>\$ 550,455</b>
<b>Total Budget &amp; Ending Fund Balance</b>	<b>\$ 812,619</b>	<b>\$ 1,493,351</b>	<b>\$ 1,387,666</b>

Notes:

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District K

MYR-FY 2015 Op Budget South Post Oak Redevelopment Authority

Agenda Item#: 10.

**Summary:**

ORDINANCE relating to the Fiscal Affairs of the **SOUTH POST OAK REDEVELOPMENT AUTHORITY on behalf of REINVESTMENT ZONE NUMBER NINE, CITY OF HOUSTON, TEXAS (SOUTH POST OAK ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Authority - **DISTRICT K - GREEN**

**Background:**

The Administration has undertaken a comprehensive review of the proposed FY 15 TIRZ budgets and recommends approval of the FY 15 Operating Budget for the South Post Oak Redevelopment Authority (the Authority) on behalf of Reinvestment Zone Number Nine (the Zone).

- Total Operating Budget for FY 15 is \$928,371, which includes \$386,940 for required fund transfers and \$541,431 for project costs.
- The proposed expenses include \$37,900 for administration and overhead. The Authority must advise the Chief Development Officer of any budget amendments. Adjustments to the Project Costs in the Operating Budget that exceed \$400,00 require City Council approval.

**Prior Council Action:**

Ord. No. 2013-0983, 11/06/13

**Contact Information:**

Gwen Tillotson **Phone:** (832) 393-0937

**ATTACHMENTS:**

Description	Type
☐ RCA	Signed Cover sheet
☐ backup	Backup Material

**REQUEST FOR COUNCIL ACTION**

**TO: Mayor via City Secretary**

**RCA #**

**SUBJECT:** Ordinance approving the Fiscal Year 2015 Operating Budget for South Post Oak Redevelopment Authority on behalf of Reinvestment Zone Number Nine (South Post Oak Zone).

**Category #**

**Page**  
1 of 1

**Agenda Item#**

**FROM: (Department or other point of origin):**

Andrew F. Icken  
Chief Development Officer

**Origination Date**

**Agenda Date**

**DIRECTOR'S SIGNATURE:**



**Council Districts affected:**  
K

**For additional information contact:**  
Gwen Tillotson

**Phone:** (832) 393-0937

**Date and identification of prior authorizing Council Action:**  
Ord. No. 2013-0983, 11/06/13

**RECOMMENDATION: (Summary)**

City Council adopt an ordinance approving the Fiscal Year 2015 Operating Budget for South Post Oak Redevelopment Authority on behalf of Reinvestment Zone Number Nine (South Post Oak Zone).

**Amount of Funding:** No Funding Required

**SOURCE OF FUNDING:**      General Fund      Grant Fund      Enterprise Fund  
                                                  Other (Specify)

**SPECIFIC EXPLANATION:**

The Administration has undertaken a comprehensive review of proposed FY15 TIRZ budgets and recommends approval of the FY15 Operating Budget for South Post Oak Redevelopment Authority (the Authority) on behalf of Reinvestment Zone Number Nine (the Zone).

- The total Operating Budget for FY15 is \$928,371, which includes \$386,940 for required fund transfers and \$541,431 for project costs.
- The project expenses include \$37,900 for administration and overhead. The Authority must advise the Chief Development Officer of any budget amendments. Adjustments to the Project Costs in the Operating Budget that exceed \$400,000 require City Council approval.

Attachments: FY15 Operating Budget

cc: Marta Crinejo, Agenda Director  
Anna Russell, City Secretary  
David Feldman, City Attorney  
Gary Dzierlenga, Senior Assistant City Attorney

**REQUIRED AUTHORIZATION**

**Other Authorization:**

**Other Authorization:**

**Other Authorization:**

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: South Post Oak Redevelopment Authority  
 TIRZ: 09  
 Fund Number: 7557/50

P R O F I L E	Base Year:	1997
	Base Year Taxable Value:	\$ 13,580
	Projected Taxable Value (TY2014):	\$ 51,276,399
	Current Taxable Value (TY2013):	\$ 48,256,293
	Acres:	262.70
	Administrator (Contact):	City of Houston
	Contact Number:	(832) 393-0985

N A R R A T I V E	<b>Zone Purpose:</b>
	Tax Increment Reinvestment Zone Number Nine, City of Houston, Texas was created to facilitate the development of a master-planned community that included commercial, recreational, and residential improvements and amenities, of which 80% of the homes constructed would be available as affordable housing.

P R O J E C T  P L A N		Total Plan	Cumulative Expenses (to 6/30/13)	Variance
	<b>Capital Projects:</b>			
Public Improvements	\$	3,742,366	\$ 5,018,905	\$ (1,276,539)
On-Site Detention		312,000	506,798	(194,798)
Engineering for Public Improvements		478,334	659,698	(181,364)
Noise Barrier Fencing on Public ROW		171,200	248,290	(77,090)
Landscaping on Public ROW		169,542	184,835	(15,293)
Economic Feasibility Study		15,000	18,130	(3,130)
Neighborhood Park		125,000	166,457	(41,457)
Regional Detention		99,000	90,852	8,148
Overhead Pedestrian Walkway		110,000	-	110,000
Streetscape and Neighborhood Entrances		120,000	41,694	78,306
Geotechnical Report		13,950	3,100	10,850
<b>Total Capital Projects</b>	\$	5,356,392	\$ 6,938,759	\$ (1,582,367)
Affordable Housing		-	-	-
School & Education/Cultural Facilities		5,485,747	2,747,046	2,738,701
Financing Costs		1,941,559	4,280,869	(2,339,310)
Administration Costs/ Professional Services		300,000	774,064	(474,064)
Creation Costs		317,636	367,562	(49,926)
<b>Total Project Plan</b>	\$	13,401,334	\$ 15,108,300	\$ (1,706,966)

D E B T	Additional Financial Data	FY2014 Budget	FY2014 Estimate	FY2015 Budget
	Debt Service	\$	509,419	\$ 613,030
Principal	\$	365,661	\$ 458,405	\$ 359,773
Interest	\$	143,758	\$ 154,625	\$ 143,758
	<b>Balance as of 6/30/13</b>		<b>Projected Balance as of 6/30/14</b>	<b>Projected Balance as of 6/30/15</b>
Year End Outstanding (Principal)				
Bond Debt	\$	-	\$ -	\$ -
Bank Loan	\$	-	\$ -	\$ -
Line of Credit	\$	-	\$ -	\$ -
Developer Agreement	\$	3,419,340	\$ 2,960,935	\$ 2,601,162
Other	\$	-	\$ -	\$ -

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: South Post Oak Redevelopment Authority  
 TIRZ: 09  
 Fund Number: 7557/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>RESOURCES</b>			
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ -	\$ -	\$ -
UNRESTRICTED Funds	\$ 963,873	\$ 885,122	\$ 830,798
<b>Beginning Balance</b>	<b>\$ 963,873</b>	<b>\$ 885,122</b>	<b>\$ 830,798</b>
City tax revenue	\$ 293,476	\$ 271,714	\$ 288,724
County tax revenue	\$ 166,360	\$ 153,630	\$ 163,494
ISD tax revenue	\$ 461,991	\$ 473,973	\$ 473,973
ISD tax revenue - Pass Through	\$ -	\$ 208,153	\$ -
Community College tax revenue	\$ -	\$ -	\$ -
<b>Incremental property tax revenue</b>	<b>\$ 921,827</b>	<b>\$ 1,107,469</b>	<b>\$ 926,191</b>
	\$ -	\$ -	\$ -
<b>Miscellaneous revenue</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
COH TIRZ interest	\$ 1,256	\$ 588	\$ 1,256
Interest Income	\$ 4,145	\$ 924	\$ 924
<b>Other Interest Income</b>	<b>\$ 5,401</b>	<b>\$ 1,512</b>	<b>\$ 2,180</b>
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Grant Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Proceeds from Bank Loan</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Contract Revenue Bond Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL AVAILABLE RESOURCES</b>	<b>\$ 1,891,101</b>	<b>\$ 1,994,104</b>	<b>\$ 1,759,169</b>

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: South Post Oak Redevelopment Authority  
 TIRZ: 09  
 Fund Number: 7557/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>EXPENDITURES</b>			
Accounting	\$ 6,500	\$ 6,500	\$ 6,500
Administration Salaries & Benefits	\$ 15,000	\$ 3,957	\$ 10,000
Auditor	\$ 10,400	\$ 10,440	\$ 10,400
Bond Services/Trustee/Financial Advisor	\$ -	\$ -	\$ -
Insurance	\$ 1,000	\$ 692	\$ 1,000
Office Administration	\$ -	\$ -	\$ -
<b>TIRZ Administration and Overhead</b>	<b>\$ 32,900</b>	<b>\$ 21,589</b>	<b>\$ 27,900</b>
Engineering Consultants	\$ -	\$ -	\$ -
Legal	\$ 10,000	\$ 3,828	\$ 10,000
Construction Audit	\$ -	\$ -	\$ -
Planning Consultants	\$ -	\$ -	\$ -
<b>Program and Project Consultants</b>	<b>\$ 10,000</b>	<b>\$ 3,828</b>	<b>\$ 10,000</b>
<b>Management consulting services</b>	<b>\$ 42,900</b>	<b>\$ 25,417</b>	<b>\$ 37,900</b>
Capital Expenditures (See CIP Schedule)	\$ -	\$ -	\$ -
<b>TIRZ Capital Expenditures</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Pyramid Residential Community Corporation			
Principal	\$ 365,661	\$ 458,405	\$ 359,773
Interest	\$ 143,758	\$ 154,625	\$ 143,758
<b>Developer / Project Reimbursements</b>	<b>\$ 509,419</b>	<b>\$ 613,030</b>	<b>\$ 503,531</b>
<b>System debt service</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$ 552,319</b>	<b>\$ 638,447</b>	<b>\$ 541,431</b>
Payment/transfer to ISD - educational facilities	\$ 335,235	\$ 347,504	\$ 347,504
Payment/transfer to ISD - educational facilities (Pass Through)	\$ -	\$ 138,769	\$ -
Administration Fees:			
City	\$ 14,674	\$ 13,586	\$ 14,436
County	\$ -	\$ -	\$ -
ISD	\$ 25,000	\$ 25,000	\$ 25,000
HCC	\$ -	\$ -	\$ -
Affordable Housing:			
City	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -
ISD to City of Houston	\$ -	\$ -	\$ -
Municipal Services (Payable to COH)	\$ -	\$ -	\$ -
<b>Total Transfers</b>	<b>\$ 374,909</b>	<b>\$ 524,859</b>	<b>\$ 386,940</b>
<b>Total Budget</b>	<b>\$ 927,228</b>	<b>\$ 1,163,306</b>	<b>\$ 928,371</b>
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ -	\$ -	\$ -
UNRESTRICTED Funds	\$ 963,873	\$ 830,798	\$ 830,798
<b>Ending Fund Balance</b>	<b>\$ 963,873</b>	<b>\$ 830,798</b>	<b>\$ 830,798</b>
<b>Total Budget &amp; Ending Fund Balance</b>	<b>\$ 1,891,101</b>	<b>\$ 1,994,104</b>	<b>\$ 1,759,169</b>

Notes:

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District G, District J

MYR-FY2015 Op Budget for Saint George Place Redev

Agenda Item#: 11.

**Summary:**

ORDINANCE relating to the Fiscal Affairs of the **SAINT GEORGE PLACE REDEVELOPMENT AUTHORITY on behalf of REINVESTMENT ZONE NUMBER ONE, CITY OF HOUSTON, TEXAS (SAINT GEORGE PLACE ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Authority and the Fiscal Years 2015-2019 Capital Improvements Budget for the Zone - **DISTRICTS G - PENNINGTON and J - LASTER**

**Background:**

The administration has undertaken a comprehensive review of the proposed FY 15 TIRZ budgets and recommends approval of the FY 15 Operating budget for the Saint George Place Redevelopment Authority (the "Authority") and the FY 15 - FY 19 CIP Budget for Reinvestment Zone Number One (the "Zone").

- Total Operating Budget for FY 15 is \$3,456,948 which includes \$1,434,708 for required fund transfers and \$2,022,240 for Project Costs.
- The FY 15 - FY 19 CIP Budget totals \$534,007 and includes provisions for the design and construction of pedestrian safety and vehicular safety improvements.
- The FY 15 Operating Budget includes \$534,007 for capital expenditures and \$54,100 for administration and overhead. The Authority must advise the Chief Development Officer of any budget amendments. Adjustments to the budget that exceed \$400,000 require City Council approval.

**Prior Council Action:**

Ord. No. 2010-0955, 10/23/13

**Contact Information:**

Gwen Tillotson **Phone:** (832) 393-0937

**ATTACHMENTS:**

Description	Type
☐ RCA	Signed Cover sheet
☐ backup	Backup Material

REQUEST FOR COUNCIL ACTION

TO: Mayor via City Secretary

RCA #

SUBJECT: Ordinance approving the Fiscal Year 2015 Operating Budget for Saint George Place Redevelopment Authority and the Fiscal Years 2015 - 2019 Capital Improvement Plan (CIP) Budget for Reinvestment Zone Number One (Saint George Place Zone).

Category #

Page 1 of 1

Agenda Item#

FROM: (Department or other point of origin):

Andrew F. Icken  
Chief Development Officer

Origination Date

Agenda Date

DIRECTOR'S SIGNATURE:



Council Districts affected:

G, J

For additional information contact:

Gwen Tillotson

Phone: (832) 393-0937

Date and identification of prior authorizing Council Action:

Ord. No. 2013-0955, 10/23/13

RECOMMENDATION: (Summary)

City Council adopt an ordinance approving the Fiscal Year 2015 Operating Budget for Saint George Place Redevelopment Authority and the Fiscal Years 2015 - 2019 CIP Budget for Reinvestment Zone Number One (Saint George Place Zone).

Amount of Funding: No Funding Required

SOURCE OF FUNDING:     General Fund     Grant Fund     Enterprise Fund  
                                          Other (Specify)

SPECIFIC EXPLANATION:

The administration has undertaken a comprehensive review of the proposed FY15 TIRZ budgets and recommends approval of the FY15 Operating Budget for the Saint George Place Redevelopment Authority (the "Authority") and the FY15 - FY19 CIP Budget for Reinvestment Zone Number One (the "Zone").

- Total Operating Budget for FY15 is \$3,456,948 which includes \$1,434,708 for required fund transfers and \$2,022,240 for Project Costs.
- The FY15 – FY19 CIP Budget totals \$534,007 and includes provisions for the design and construction of pedestrian safety and vehicular safety improvements.
- The FY15 Operating Budget includes \$534,007 for capital expenditures and \$54,100 for administration and overhead. The Authority must advise the Chief Development Officer of any budget amendments. Adjustments to the budget that exceed \$400,000 require City Council approval.

Attachments: FY15 Operating Budget and FY15 - FY19 CIP Budget

cc: Marta Crinejo, Agenda Director  
Anna Russell, City Secretary  
David Feldman, City Attorney  
Gary Dzierlenga, Senior Assistant City Attorney

REQUIRED AUTHORIZATION

Other Authorization:

Other Authorization:

Other Authorization:

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: St Georges Place Redevelopment Authority  
 TIRZ: 01  
 Fund Number: 7512/50

P R O F I L E	Base Year:		1991
	Base Year Taxable Value:	\$	27,150,340
	Projected Taxable Value (TY2014):	\$	257,787,678
	Current Taxable Value (TY2013):	\$	245,928,959
	Acres:		121.57
	Administrator (Contact):		Hawes Hill Calderon
	Contact Number:		(713) 595-1209

N A R R A T I V E	<b>Zone Purpose:</b>
	Tax Increment Reinvestment Zone Number One, City of Houston, Texas was created to stabilize property values, address deteriorated buildings and incompatible land uses and provide for the design and construction of roadway and streets, public utility systems, sidewalks, landscaping and land acquisition a District of the City known as St. George Place (formerly known as Lamar Terrace).
	<b>Accomplishments In FY14 (Projects Underway):</b>
	The Zone approved sixteen new building permits within its boundary. This was a slight decrease from the past year, indicating a continued strong resurgence in the home construction industry. Also, the Zone approved replats that affected 9 lots. The Zone continued its efforts enforcing the city's zoning ordinance with regard to blighted properties. The Zone's board worked with its engineering consultants and the city to finalize a neighborhood mobility construction plan. This plan will be implemented in FY 2015 through its capital improvement budget. The Zone board of directors continue to effectively manage the Public Improvement District (PID) Budget and services. The TIRZ Board is under contract with the city to manage the PID services. The primary PID services include zoning enforcement, landscape maintenance and additional public safety efforts. The TIRZ Board utilize the PID Funds to market the area.

P R O J E C T  P L A N		Total Plan	Cumulative Expenses (to 6/30/13)	Variance
	<b>Capital Projects:</b>			
Water, Sanitary Sewer and Storm Sewer	\$	1,085,000	\$ 166,228	\$ 918,772
Street Paving		3,540,000	2,910,578	629,422
Brick Sound Wall		420,000	1,135,533	(715,533)
Landscaping		450,000	406,412	43,588
Cul-de-sacs		200,000	-	200,000
Other Work Items		355,000	405,636	(50,636)
Contingencies		451,000	-	451,000
Land Acquisition		1,000,000	1,704,118	(704,118)
<b>Total Capital Projects</b>	\$	7,501,000	\$ 6,728,505	\$ 772,495
Affordable Housing		31,785,702	8,161,394	23,624,308
School & Education/Cultural Facilities		18,771,094	4,411,324	14,359,770
Financing Costs		2,280,000	8,061,959	(5,781,959)
Professional Services		793,000	365,532	427,468
Administration/ Creation Costs		542,000	1,915,142	(1,373,142)
<b>Total Project Plan</b>	\$	61,672,796	\$ 29,643,856	\$ 32,028,940

D E B T	Additional Financial Data	FY2014 Budget	FY2014 Estimate	FY2015 Budget
		Debt Service	\$ 1,012,607	\$ 739,168
	Principal	\$ 935,000	\$ 655,000	\$ 1,298,698
	Interest	\$ 77,607	\$ 84,168	\$ 70,535
		<b>Balance as of 6/30/13</b>	<b>Projected Balance as of 6/30/14</b>	<b>Projected Balance as of 6/30/15</b>
	Year End Outstanding (Principal)			
	Bond Debt	\$ 1,923,954	\$ 1,793,954	\$ 1,645,257
	City of Houston CO	\$ 3,549,250	\$ 3,024,250	\$ 1,874,250
	City of Houston ROW	\$ 2,779,224	\$ 2,779,224	\$ 2,779,224
	Developer Agreement	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: St Georges Place Redevelopment Authority  
 TIRZ: 01  
 Fund Number: 7512/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>RESOURCES</b>			
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ 226,514	\$ 443,742	\$ 226,514
UNRESTRICTED Funds	\$ 1,605,051	\$ 1,651,263	\$ 2,126,584
<b>Beginning Balance</b>	<b>\$ 1,831,565</b>	<b>\$ 2,095,005</b>	<b>\$ 2,353,098</b>
City tax revenue	\$ 1,351,493	\$ 1,381,238	\$ 1,456,107
County tax revenue	\$ -	\$ -	\$ -
ISD tax revenue	\$ 1,244,347	\$ 1,275,725	\$ 1,327,951
ISD tax revenue - Pass Through	\$ -	\$ 462,140	\$ -
Community College tax revenue	\$ -	\$ -	\$ -
<b>Incremental Property Tax Revenue</b>	<b>\$ 2,595,840</b>	<b>\$ 3,119,103</b>	<b>\$ 2,784,058</b>
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Miscellaneous revenue</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
COH TIRZ interest	\$ -	\$ -	\$ -
Interest Income	\$ 6,902	\$ 7,361	\$ 4,220
<b>Other Interest Income</b>	<b>\$ 6,902</b>	<b>\$ 7,361</b>	<b>\$ 4,220</b>
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Grant Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Proceeds from Bank Loan</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Contract Revenue Bond Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL AVAILABLE RESOURCES</b>	<b>\$ 4,434,307</b>	<b>\$ 5,221,469</b>	<b>\$ 5,141,376</b>

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: St Georges Place Redevelopment Authority  
 TIRZ: 01  
 Fund Number: 7512/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>EXPENDITURES</b>			
Accounting	\$ 9,300	\$ 10,545	\$ 10,500
Administration Consultant	\$ 11,500	\$ 11,500	\$ 11,500
Auditor/Financial Statements	\$ 11,900	\$ 11,550	\$ 11,900
Bond Services/Trustee/Financial Advisor	\$ 9,384	\$ 8,805	\$ 9,000
Insurance	\$ 3,800	\$ 4,128	\$ 4,200
Office Administration	\$ 7,000	\$ 6,973	\$ 7,000
<b>TIRZ Administration and Overhead</b>	<b>\$ 52,884</b>	<b>\$ 53,501</b>	<b>\$ 54,100</b>
Engineering Consultants	\$ -	\$ -	\$ -
Legal	\$ 20,000	\$ 16,465	\$ 20,000
Construction Audit	\$ -	\$ -	\$ -
Planning Consultants	\$ 44,900	\$ 44,900	\$ 44,900
<b>Program and Project Consultants</b>	<b>\$ 64,900</b>	<b>\$ 61,365</b>	<b>\$ 64,900</b>
<b>Management Consulting Services</b>	<b>\$ 117,784</b>	<b>\$ 114,866</b>	<b>\$ 119,000</b>
Capital Expenditures (See CIP Schedule)	\$ 396,570	\$ 179,636	\$ 534,007
<b>TIRZ Capital Expenditures</b>	<b>\$ 396,570</b>	<b>\$ 179,636</b>	<b>\$ 534,007</b>
<b>Developer / Project Reimbursements</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Bond Series (2001)			
Principal	\$ 135,000	\$ 130,000	\$ 148,698
Interest	\$ 77,607	\$ 84,168	\$ 70,535
City of Houston CO			
Principal	\$ 800,000	\$ 525,000	\$ 1,150,000
Interest	\$ -	\$ -	\$ -
City of Houston ROW Payment			
Principal	\$ -	\$ -	\$ -
Interest	\$ -	\$ -	\$ -
<b>System Debt Service</b>	<b>\$ 1,012,607</b>	<b>\$ 739,168</b>	<b>\$ 1,369,233</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$ 1,526,961</b>	<b>\$ 1,033,670</b>	<b>\$ 2,022,240</b>
Payment/transfer to ISD - educational facilities	\$ 371,603	\$ 392,844	\$ 408,884
Payment/transfer to ISD - educational facilities (Pass Through)	\$ -	\$ 308,093	\$ -
Administration Fees:			
City	\$ 67,575	\$ 69,062	\$ 72,805
County	\$ -	\$ -	\$ -
ISD	\$ 25,000	\$ 25,000	\$ 25,000
HCC	\$ -	\$ -	\$ -
Affordable Housing:			
City	\$ 450,498	\$ 460,413	\$ 485,369
County	\$ -	\$ -	\$ -
ISD to City of Houston	\$ 414,782	\$ 579,289	\$ 442,650
Municipal Services (Payable to COH)	\$ -	\$ -	\$ -
<b>Total Transfers</b>	<b>\$ 1,329,458</b>	<b>\$ 1,834,701</b>	<b>\$ 1,434,708</b>
<b>Total Budget</b>	<b>\$ 2,856,419</b>	<b>\$ 2,868,371</b>	<b>\$ 3,456,948</b>
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ 226,514	\$ 226,514	\$ 226,514
UNRESTRICTED Funds	\$ 1,351,374	\$ 2,126,584	\$ 1,457,915
<b>Ending Fund Balance</b>	<b>\$ 1,577,888</b>	<b>\$ 2,353,098</b>	<b>\$ 1,684,429</b>
<b>Total Budget &amp; Ending Fund Balance</b>	<b>\$ 4,434,307</b>	<b>\$ 5,221,469</b>	<b>\$ 5,141,376</b>

Notes:

2015 - 2019 CAPITAL IMPROVEMENT PLAN  
 TIRZ NO. 1 - ST GEORGE PLACE REDEVELOPMENT AUTHORITY  
 CIP by Project

CITY OF HOUSTON - TIRZ PROGRAM  
 Economic Development Division

Council District	CIP No.	Project	Fiscal Year Planned Appropriations										Cumulative Total (To Date)		
			Through 2013	Projected 2014	2015	2016	2017	2018	2019	FY15- FY19 Total					
G,J	T-0101	Intersection Reconstruction	\$ -	-	-	-	-	-	-	-	-	-	-	-	-
G,J	T-0103	McCulloch Circle/Fairdale Sound Barrier	\$ 6,720	156,636	57,500	-	-	-	-	-	-	-	57,500	220,856	
G,J	T-0104	Park Noise Control	\$ -	-	-	-	-	-	-	-	-	-	-	-	
G,J	T-0105	Neighborhood Traffic Plan	\$ 330,067	23,000	436,507	-	-	-	-	-	-	-	436,507	789,574	
G,J	T-0106	Richmond Avenue Tree Replacement	\$ -	-	40,000	-	-	-	-	-	-	-	40,000	40,000	
<b>Totals</b>			<b>\$ 336,787</b>	<b>\$ 179,636</b>	<b>\$ 534,007</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 534,007</b>	<b>\$ 1,050,430</b>		

\* NOTE:  
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 \*\*\* NOTE:

2015 - 2019 CAPITAL IMPROVEMENT PLAN  
 TIRZ NO. 1 - ST GEORGE PLACE REDEVELOPMENT AUTHORITY

CITY OF HOUSTON - TIRZ PROGRAM  
 Economic Development Division

Source of Funds	Fiscal Year Planned Appropriations										Cumulative Total (To Date)
	Through 2013	Projected 2014	2015	2016	2017	2018	2019	FY15 - FY19 Total			
TIRZ Funds	336,787	179,636	534,007	-	-	-	-	-	534,007	1,050,430	
City of Houston	-	-	-	-	-	-	-	-	-	-	
Grants	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	
<b>Project Total</b>	<b>336,787</b>	<b>179,636</b>	<b>534,007</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>534,007</b>	<b>1,050,430</b>	

<b>Project:</b>	<b>McCulloch Circle/Fairdale Sound Barrier</b>	<b>City Council District</b>	<b>Key Map:</b>	491	<b>WBS.:</b>	T-0103
		<b>Served:</b>	G.J	21	<b>Neighborhood:</b>	
<b>Description:</b>	This project would construct a sound barrier connecting to and going north from the existing wall located at the McCulloch Circle at Fairdale Lane. Landscaping and Irrigation design/construction for public right of way is included for FY2015.					
<b>Justification:</b>	The justification for this project is to provide noise reduction between commercial and neighborhood land uses. This cost is provided for in the original TIRZ Project Plan and Reinvestment Zone Financing Plan.					
<b>Operating and Maintenance Costs: (\$ Thousands)</b>						
	2015	2016	2017	2018	2019	Total
Personnel	-	-	-	-	-	\$ -
Supplies	-	-	-	-	-	\$ -
Svcs. & Chgs.	-	-	-	-	-	\$ -
Capital Outlay	-	-	-	-	-	\$ -
<b>Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FTEs						

**Fiscal Year Planned Expenses**

Project Allocation	Phase	Projected Expenses thru 6/30/13	2014 Budget	2014 Estimate	2015	2016	2017	2018	2019	FY15 - FY19 Total	Cumulative Total (To Date)
1	Planning	-	-	-	-	-	-	-	-	\$ -	\$ -
2	Acquisition	-	-	-	-	-	-	-	-	\$ -	\$ -
3	Design	6,720	-	-	7,500	-	-	-	-	\$ 7,500	\$ 14,220
4	Construction	-	-	156,636	50,000	-	-	-	-	\$ 50,000	\$ 206,636
5	Equipment	-	-	-	-	-	-	-	-	\$ -	\$ -
6	Close-Out	-	-	-	-	-	-	-	-	\$ -	\$ -
7	Other	-	-	-	-	-	-	-	-	\$ -	\$ -
<b>Other Sub-Total:</b>											
<b>Total Allocations</b>		\$ 6,720	\$ -	\$ 156,636	\$ 57,500	\$ -	\$ -	\$ -	\$ -	\$ 57,500	\$ 220,856

Source of Funds	2015	2016	2017	2018	2019	FY15 - FY19 Total	Cumulative Total (To Date)
TIRZ Funds	57,500	-	-	-	-	\$ 57,500	\$ 220,856
City of Houston	-	-	-	-	-	\$ -	\$ -
Grants	-	-	-	-	-	\$ -	\$ -
Other	-	-	-	-	-	\$ -	\$ -
<b>Total Funds</b>	\$ 57,500	\$ -	\$ -	\$ -	\$ -	\$ 57,500	\$ 220,856

Project:		Neighborhood Traffic Plan		City Council District		Key Map:		WBS.:		T-0105	
Location:		G,J		G,J		Geo. Ref.:					
Served:		G,J		G,J		Neighborhood:		21			
<b>Operating and Maintenance Costs: (\$ Thousands)</b>											
<b>Description:</b>		A Neighborhood Traffic Plan (NTP) was completed in FY2011. The funds are being set aside for the implementation of the recommendations from the NTP. The NTP included recommendations for traffic calming devices on Hidalgo and other neighborhood streets.									
<b>Justification:</b>		The Zone has multiple traffic issues related to the elementary school and a continuing increase in cut-through traffic.									
		2015	2016	2017	2018	2019	Total				
	Personnel	-	-	-	-	-	-	\$			
	Supplies	-	-	-	-	-	-				\$
	Svcs. & Chgs.	-	-	-	-	-	-				\$
	Capital Outlay	-	-	-	-	-	-				\$
	<b>Total</b>	\$	\$	\$	\$	\$	\$				\$
	FTEs										
<b>Fiscal Year Planned Expenses</b>											
<b>Project Allocation</b>	<b>Projected Expenses thru 6/30/13</b>	<b>2014 Budget</b>	<b>2014 Estimate</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>FY15 - FY19 Total</b>	<b>Cumulative Total (To Date)</b>	
<b>Phase</b>											
1 Planning	-	-	-	-	-	-	-	-	\$	\$	-
2 Acquisition	-	-	-	-	-	-	-	-	\$	\$	-
3 Design	191,087	67,570	23,000	17,000	-	-	-	-	\$	\$	231,087
4 Construction	138,980	329,000	-	419,507	-	-	-	-	\$	\$	558,487
5 Equipment	-	-	-	-	-	-	-	-	\$	\$	-
6 Close-Out	-	-	-	-	-	-	-	-	\$	\$	-
7 Other	-	-	-	-	-	-	-	-	\$	\$	-
									\$	\$	-
									\$	\$	-
									\$	\$	-
									\$	\$	-
									\$	\$	-
									\$	\$	-
<b>Other Sub-Total:</b>									\$	\$	-
<b>Total Allocations</b>	\$ 330,067	\$ 396,570	\$ 23,000	\$ 436,507	\$	\$	\$	\$	\$ 436,507	\$	789,574
<b>Source of Funds</b>											
TIRZ Funds	330,067	396,570	23,000	436,507	-	-	-	-	\$	\$	789,574
City of Houston	-	-	-	-	-	-	-	-	\$	\$	-
Grants	-	-	-	-	-	-	-	-	\$	\$	-
Other	-	-	-	-	-	-	-	-	\$	\$	-
<b>Total Funds</b>	\$ 330,067	\$ 396,570	\$ 23,000	\$ 436,507	\$	\$	\$	\$	\$ 436,507	\$	789,574

<b>Project:</b>	Richmond Avenue Tree Replacement		<b>City Council District:</b>	Key Map:		WBS.:		T-0106	
<b>Description:</b>	Project to replace damaged trees and to plant additional trees on Richmond Avenue.		<b>Location:</b>	Geo. Ref.:					
<b>Justification:</b>	Over the years existing trees have been damaged and/or eliminated through vehicular activity. The purpose is to provide replacement trees where they no longer exist.		<b>Served:</b>	Neighborhood:					
			<b>Operating and Maintenance Costs: (\$ Thousands)</b>						
	2015	2016	2017	2018	2019	Total			
Personnel	-	-	-	-	-	\$ -			
Supplies	-	-	-	-	-	\$ -			
Svcs. & Chgs.	-	-	-	-	-	\$ -			
Capital Outlay	-	-	-	-	-	\$ -			
<b>Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
FTEs	-	-	-	-	-	-			

**Fiscal Year Planned Expenses**

Project Allocation	Projected Expenses thru 6/30/13	2014 Budget	2014 Estimate	2015	2016	2017	2018	2019	FY15 - FY19 Total	Cumulative Total (To Date)
<b>Phase</b>										
1 Planning	-	-	-	-	-	-	-	-	\$ -	\$ -
2 Acquisition	-	-	-	-	-	-	-	-	\$ -	\$ -
3 Design	-	-	-	-	-	-	-	-	\$ -	\$ -
4 Construction	-	-	-	40,000	-	-	-	-	\$ 40,000	\$ 40,000
5 Equipment	-	-	-	-	-	-	-	-	\$ -	\$ -
6 Close-Out	-	-	-	-	-	-	-	-	\$ -	\$ -
7 Other	-	-	-	-	-	-	-	-	\$ -	\$ -
	-	-	-	-	-	-	-	-	\$ -	\$ -
	-	-	-	-	-	-	-	-	\$ -	\$ -
<b>Other Sub-Total:</b>	-	-	-	-	-	-	-	-	\$ -	\$ -

<b>Total Allocations</b>	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
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<b>Source of Funds</b>										
TIRZ Funds	-	-	-	40,000	-	-	-	-	\$ 40,000	\$ 40,000
City of Houston	-	-	-	-	-	-	-	-	\$ -	\$ -
Grants	-	-	-	-	-	-	-	-	\$ -	\$ -
Other	-	-	-	-	-	-	-	-	\$ -	\$ -
<b>Total Funds</b>	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014  
District B, District E, District I

Item Creation Date: 8/19/2014

HAS - Professional Services Contract with the Houston Arts Alliance (HAA)

Agenda Item#: 12.

**Summary:**

ORDINANCE approving and authorizing contract between the City of Houston and the **HOUSTON ARTS ALLIANCE** for Professional Civic Art and Conservation Administration Services for the Houston Airport System; providing a maximum contract amount; providing funding for contingencies - 1 Year - **DISTRICTS B - DAVIS; E - MARTIN and I - GALLEGOS**

**Background:**

In compliance with the provisions of the City's Civic Art Ordinance, 1.75% of the appropriation for eligible Houston Airport System (HAS) CIP projects is appropriated for Civic Art Program purposes, including civic art projects and conservation projects.

To execute these civic art projects in a professional and timely manner, HAS proposes entering into a one-year professional services contract with the Houston Arts Alliance (HAA) to administer this program. HAA will assist in managing the art acquisition and professional conservation projects. Duties include, but are not limited to; overseeing the artist selection process, negotiating artist contracts where appropriate, purchasing art on behalf of the City, project management and assistance in closing out the projects. HAA will also assess the HAS art collection, propose restoration/conservation treatment of those pieces in need of professional treatment, assist with professional conservator selection, negotiate conservator contracts, perform conservation project management and assist in closing out the projects.

The proposed contract provides that the City may terminate the agreement at any time during the term on 30 days' notice.

**HIRE HOUSTON FIRST:** The proposed contract requires compliance with the City's "Hire Houston First" ordinance that promotes economic opportunity of Houston businesses and supports job creation. In this case, the contractor meets the requirements of Hire Houston First.

**PAY OR PLAY:** The proposed contract requires compliance with the City's "Pay or Play" ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**PROJECT COST:** The total amount to be provided for services under this contract consists of the following:

\$ 153,000.00 Basic Services  
\$ 900,000.00 Additional Services  
\$ 1,000.00 Reimbursable Expenses  
\$ 2,000.00 Contingency  
\$ 1,056,000.00 Total Allocation

**M/WBE PARTICIPATION:** HAA will continue its history of employing small, women and minority business enterprises. HAA will also encourage contractors to utilize M/WBE firms as well as encourage artists and subcontractors to certify as an M/WBE firm with the City.

HAA will make good faith efforts to award subcontracts and supply agreements in at least 10% of this Contract to M/WBE firms.

Firm Type of Work Amount %-----

Barking Dog Design (WBE) Graphic Design \$ 2,500.00 1.64%  
 The Chevalier Law Firm, PLLC (WBE) Legal Services \$ 3,000.00 1.96%  
 Tejas Office Products, Inc. (MBE) Office Supplies \$ 10,000.00 6.54%  
 Blazek & Vettering, LLP (MBE) Audit Services \$ 25,000.00 16.40%  
 Standard Office Products (MBE) Office Supplies \$ 7,500.00 4.90%  
 TOTAL \$ 48,000.00 31.44%

**Amount of Funding:**

(previously appropriated for Civic Art)  
 (\$1,056,000.00 HAS Airport Improvement Fund 8011)

**Source of Funding:**

Enterprise Fund

**Contact Information:**

Kathy Elek Phone: (281) 233-1826  
 Pam Ingersoll (281) 233-1642

**ATTACHMENTS:**

Description	Type
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - RCA	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Prior RCAs	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Form B	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Affidavit of Ownership	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Pay or Play	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Conflict of Interest	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Comptroller	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Secretary of State	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Insurance	Backup Material
☐ HAS - Professional Services Contract with the Houston Arts Alliance (HAA) - Letters of Intent	Backup Material

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

ALL

FIN-RHI Items - Pension Actuarial Consulting Services Agreement

Agenda Item#: 13.

**Summary:**

ORDINANCE amending Ordinance 2012-684 to increase the maximum contract amount to the Pension Actuarial Consulting Services Agreement between the City and **RETIREMENT HORIZONS INC.**

**Background:**

On August 1, 2012, City Council approved a contract with **RETIREMENT HORIZONS INC. (RHI)** for pension actuarial services, Ordinance 2012-0684 in the amount of \$395,000. RHI assists in the independent actuarial audits of each of the three retirement systems sponsored by the City of Houston (Houston Firefighter's Relief and Retirement Fund (HFRRF), Houston Police Officers' Pension System and Houston Municipal Employees Pension System). The Finance Department is requesting the current contract amount of \$395,000 be increased by \$200,000 for a new maximum contract amount of \$595,000. the increase is needed to continue to evaluate the health of the HFRRF pension system.

RHI is retained for providing actuarial consulting services under a two-year contract with a one year renewal option and is funded through the contingency line item in General Government Fund.

**Prior Council Action:**

Ordinance 2012-0684, August 1, 2012

**Amount of Funding:**

Current Maximum Contract Amount \$395,000

Increase Amount \$200,000

New Contract Maximum Amount \$595,000

General Government Fund (9900)

**Contact Information:**


Kelly Dowe

832.393.0951

**ATTACHMENTS:**

Description	Type
□ FIN-RHI Items - Pension Actuarial Consulting Services Agreement RCA	Backup Material

**REQUEST FOR COUNCIL ACTION**

<b>TO:</b> Mayor via City Secretary								
<b>SUBJECT:</b> Amending Ordinance 2012-0684 to increase the maximum contract amount of the contract for pension actuarial consulting services between the City of Houston and Retirement Horizons Inc.	Page 1 of 1	<b>Agenda Item</b>						
<b>FROM (Department or other point of origin):</b> Finance Department	<b>Origination Date:</b> September 5, 2014	<b>Agenda Date</b>						
<b>DIRECTOR'S SIGNATURE:</b>  Kelly Dowe, Director	<b>Council District(s) affected:</b>  All							
<b>For additional information contact:</b>  Kelly Dowe 832.393.0951	<b>Date and Identification of prior authorizing Council Action:</b> Ordinance 2012-0684, August 1, 2012							
<b>RECOMMENDATION (Summary):</b> Amending Ordinance 2012-0684 to increase the maximum contract amount of the contract for pension actuarial consulting services between the City of Houston and Retirement Horizons Inc.								
<b>Amount and Source of Funding:</b> <table border="0" style="width: 100%;"> <tr> <td><b>Current Maximum Contract Amount</b></td> <td align="right"><b>\$395,000</b></td> </tr> <tr> <td><b>Increase Amount</b></td> <td align="right"><b>\$200,000</b></td> </tr> <tr> <td><b>New Contract Maximum Amount</b></td> <td align="right"><b>\$595,000</b></td> </tr> </table> <b>General Government Fund (9900)</b>			<b>Current Maximum Contract Amount</b>	<b>\$395,000</b>	<b>Increase Amount</b>	<b>\$200,000</b>	<b>New Contract Maximum Amount</b>	<b>\$595,000</b>
<b>Current Maximum Contract Amount</b>	<b>\$395,000</b>							
<b>Increase Amount</b>	<b>\$200,000</b>							
<b>New Contract Maximum Amount</b>	<b>\$595,000</b>							
<b>SPECIFIC EXPLANATION:</b>								
<p>On August 1, 2012, City Council approved a contract with Retirement Horizons Inc. (RHI) for pension actuarial services, Ordinance 2012-0684 in the amount of \$395,000. RHI assists in the independent actuarial audits of each of the three retirement systems sponsored by the City of Houston (Houston Firefighter's Relief and Retirement Fund (HFRRF), Houston Police Officers' Pension System and Houston Municipal Employees Pension System). The Finance Department is requesting the current contract amount of \$395,000 be increased by \$200,000 for a new maximum contract amount of \$595,000. The increase is needed to continue to evaluate the health of the HFRRF pension system.</p> <p>RHI is retained for providing actuarial consulting services under a two-year contract with a one year renewal option and is funded through the contingency line item in General Government Fund.</p>								
Finance Director:	Other Authorization:	Other Authorization:						

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District H

Item Creation Date: 5/5/2014

PLN-Spl Min Lot Size - 500 (501 - 521) block of Caplin Street, North side

Agenda Item#: 14.

**Summary:**

ORDINANCE establishing the north side of the 500 block of Caplin Street, between Lazaras and Helmers Streets, within the City of Houston as a special minimum lot size block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas - **DISTRICT H - GONZALEZ**

**Background:**

Approval of an ordinance designating the **500 block of Caplin Street, North side, between Lazaras and Helmers Streets** as a Special Minimum Lot Size Block, pursuant to Chapter 42 of the Code of Ordinances.

In accordance with Section 42-197 of the Code of Ordinances, the property owner of **Tracts 16 and 15B, Block 79, of the Belt Junction City Subdivision** initiated an application for the designation of a special minimum lot size block. The application includes written evidence of support from the owners of 73% of the area. Notification was mailed to the seven (7) property owners indicating that the special minimum lot size block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a Special Minimum Lot Size 10,320 square feet.

Attachments:

- Planning Director's Approval
- Special Minimum Lot Size Application
- Evidence of support
- Map of the area

**Contact Information:**

Kevin Calfee 713-837-7768

**ATTACHMENTS:**

Description	Type
<input type="checkbox"/> Spl Min Lot Size - 500 (501 - 521) block of Caplin Street RCA	Backup Material

TO: Mayor via City Secretary **REQUEST FOR COUNCIL ACTION**

R

<b>SUBJECT:</b> Ordinance designating the 500 (501-521) block of Caplin Street, North side, between Lazaras and Helmers Streets as a Special Minimum Lot Size Block	<b>Category #</b>	<b>Page 1 of _____</b>	<b>Agenda Item #</b>
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<b>FROM (Department or other point of origin):</b> Patrick Walsh, P.E. Interim Director Planning and Development Department	<b>Origination Date</b> December 31, 2013	<b>Agenda Date</b>
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<b>DIRECTOR'S SIGNATURE:</b> 	<b>Council District affected:</b> H
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<b>For additional information contact:</b> Kevin Calfee Phone: 713.837.7768	<b>Date and identification of prior authorizing Council action:</b> N/A
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**RECOMMENDATION: (Summary) Approval of an ordinance designating the 500 block of Caplin Street, North side, between Lazaras and Helmers Streets as a Special Minimum Lot Size Block, pursuant to Chapter 42 of the Code of Ordinances.**

<b>Amount and Source of Funding:</b>	<b>Finance Budget:</b>
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**SPECIFIC EXPLANATION:** In accordance with Section 42-197 of the Code of Ordinances, the property owner of of Tracts 16 and 15B, Block 79, of the Belt Junction City Subdivision initiated an application for the designation of a special minimum lot size block. The application includes written evidence of support from the owners of 73% of the area. Notification was mailed to the seven (7) property owners indicating that the special minimum lot size block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a Special Minimum Lot Size of 6,480 square feet.

Attachments: Planning Director's Approval, Special Minimum Lot Size Application, Evidence of support, Map of the area

xc: Marta Crinejo, Agenda Director  
Anna Russell, City Secretary  
David M. Feldman, City Attorney  
Deborah McAbee, Land Use Division, Legal Department

<b>REQUIRED AUTHORIZATION</b>		
<b>Finance Director:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District C

Item Creation Date: 5/6/2014

PLN-Spl Min Lot Size - 1600 blk Fairview Street, south side - Yupon

Agenda Item#: 15.

**Summary:**

ORDINANCE establishing the south side of the 1600 block of Fairview Street, between Yupon and Windsor Streets, within the City of Houston as a special minimum lot size block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas

**Background:**

Approval of an ordinance designating the 1600 block of Fairview Street, south side, between Yupon and Windsor Streets as a Special Minimum Lot Size Block, pursuant to Chapter 42 of the Code of Ordinances.

In accordance with Section 42-197 of the Code of Ordinances, the property owner of Lot 10, Block 6, of the Cherryhurst Subdivision initiated an application for the designation of a special minimum lot size block. The application includes written evidence of support from the owners of 64% of the area. Notification was mailed to the six (6) property owners indicating that the special minimum lot size block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a Special Minimum Lot Size of 5,000 sf.

Attachments:

- Planning Director's Approval
- Special Minimum Lot Size Application
- Evidence of support
- Map of the area


**Contact Information:**

Kevin Calfee 713.837.7768

**ATTACHMENTS:**

Description	Type
<input type="checkbox"/> Spl Min Lot Size - 1600 block Fairview Str, south - Yupon	Backup Material

**TO: Mayor via City Secretary    REQUEST FOR COUNCIL ACTION**

<b>SUBJECT:</b> Ordinance designating the 1600 block of Fairview Street, south side, between Yupon and Windsor Streets as a Special Minimum Lot Size Block		<b>Category #</b>	<b>Page</b> 1 of 1	<b>Agenda Item #</b>
<b>FROM (Department or other point of origin):</b> Patrick Walsh, P.E. Interim Director Planning and Development Department		<b>Origination Date</b> January 14, 2014		<b>Agenda Date</b>
<b>DIRECTOR'S SIGNATURE:</b> 		<b>Council District affected:</b> C		
<b>For additional information contact:</b> Kevin Calfee Phone: 713.837.7768		<b>Date and identification of prior authorizing Council action:</b> N/A		
<b>RECOMMENDATION: (Summary)</b> Approval of an ordinance designating the 1600 block of Fairview Street, south side, between Yupon and Windsor Streets as a Special Minimum Lot Size Block, pursuant to Chapter 42 of the Code of Ordinances.				
<b>Amount and Source of Funding:</b>			<b>Finance Budget:</b>	
<p><b>SPECIFIC EXPLANATION:</b> In accordance with Section 42-197 of the Code of Ordinances, the property owner of Lot 10, Block 6, of the Cherryhurst Subdivision initiated an application for the designation of a special minimum lot size block. The application includes written evidence of support from the owners of 64% of the area. Notification was mailed to the six (6) property owners indicating that the special minimum lot size block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.</p> <p>It is recommended that the City Council adopt an ordinance establishing a Special Minimum Lot Size of 5,000 sf.</p> <p>Attachments: Planning Director's Approval, Special Minimum Lot Size Application, Evidence of support, Map of the area</p> <p>xc: Marta Crinejo, Agenda Director Anna Russell, City Secretary David M. Feldman, City Attorney Deborah McAbee, Land Use Division, Legal Department</p>				
<b>REQUIRED AUTHORIZATION</b>				
<b>Finance Director:</b>		<b>Other Authorization:</b>		<b>Other Authorization:</b>

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District C

Item Creation Date: 8/5/2014

PLN-Special Minimum Building Line Block (1600 Fairview) (revised)

Agenda Item#: 16.

**Summary:**

ORDINANCE establishing the south side of the 1600 block of Fairview Street, between Yupon and Windsor Streets, within the City of Houston as a special minimum building line block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas - **DISTRICT C - COHEN**

**Background:**

SPECIFIC EXPLANATION: In accordance with Section 42-170 of the Code of Ordinances, the property owner of Lot 10, Block 6 of the Cherryhurst Subdivision initiated an application for the designation of a special minimum building line block . The application includes written evidence of support from owners of 64% of the area. Notification was mailed to six (6) property owners indicating that the special minimum building line block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Housing Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a 13'-0". Special Minimum Building Line for the block.

**Contact Information:**

Kevin Calfee

Phone: 713.837.7768

**ATTACHMENTS:**

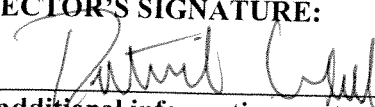
Description	Type
☐ PLN-Special Minimum Building Line Block (1600 Fairview) (revised) RCA	Backup Material
☐ PLN-Special Minimum Building Line Block (1600 Fairview) MAP	Backup Material
☐ PLN-Special Minimum Building Line Block (1600 Fairview) Director Approval	Backup Material

**TO: Mayor via City Secretary REQUEST FOR COUNCIL ACTION**

R

<b>SUBJECT:</b> Ordinance designating the 1600 block of Fairview Street, south side, between Yupon and Windsor Streets as a Special Minimum Building Line Block	<b>Category #</b>	<b>Page 1 of 1</b>	<b>Agenda Item #</b>
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<b>FROM (Department or other point of origin):</b> Patrick Walsh, P.E. Director Planning and Development Department	<b>Origination Date</b> August 5, 2014	<b>Agenda Date</b>
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<b>DIRECTOR'S SIGNATURE:</b> 	<b>Council District affected:</b> C
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<b>For additional information contact:</b> Kevin Calfee Phone: 713.837.7768	<b>Date and identification of prior authorizing Council action:</b> N/A
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**RECOMMENDATION: (Summary)** Approval of an ordinance designating the 1600 block of Fairview Street, south side, between Yupon and Windsor Streets as a Special Minimum Building Line Block, pursuant to Chapter 42 of the Code of Ordinances, and establishing a 13'-0" special building line.

<b>Amount and Source of Funding:</b>	<b>Finance Budget:</b>
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**SPECIFIC EXPLANATION:** In accordance with Section 42-170 of the Code of Ordinances, the property owner of Lot 10, Block 6 of the Cherryhurst Subdivision initiated an application for the designation of a special minimum building line block. The application includes written evidence of support from owners of 64% of the area. Notification was mailed to six (6) property owners indicating that the special minimum building line block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a 13'-0" Special Minimum Building Line for the block.

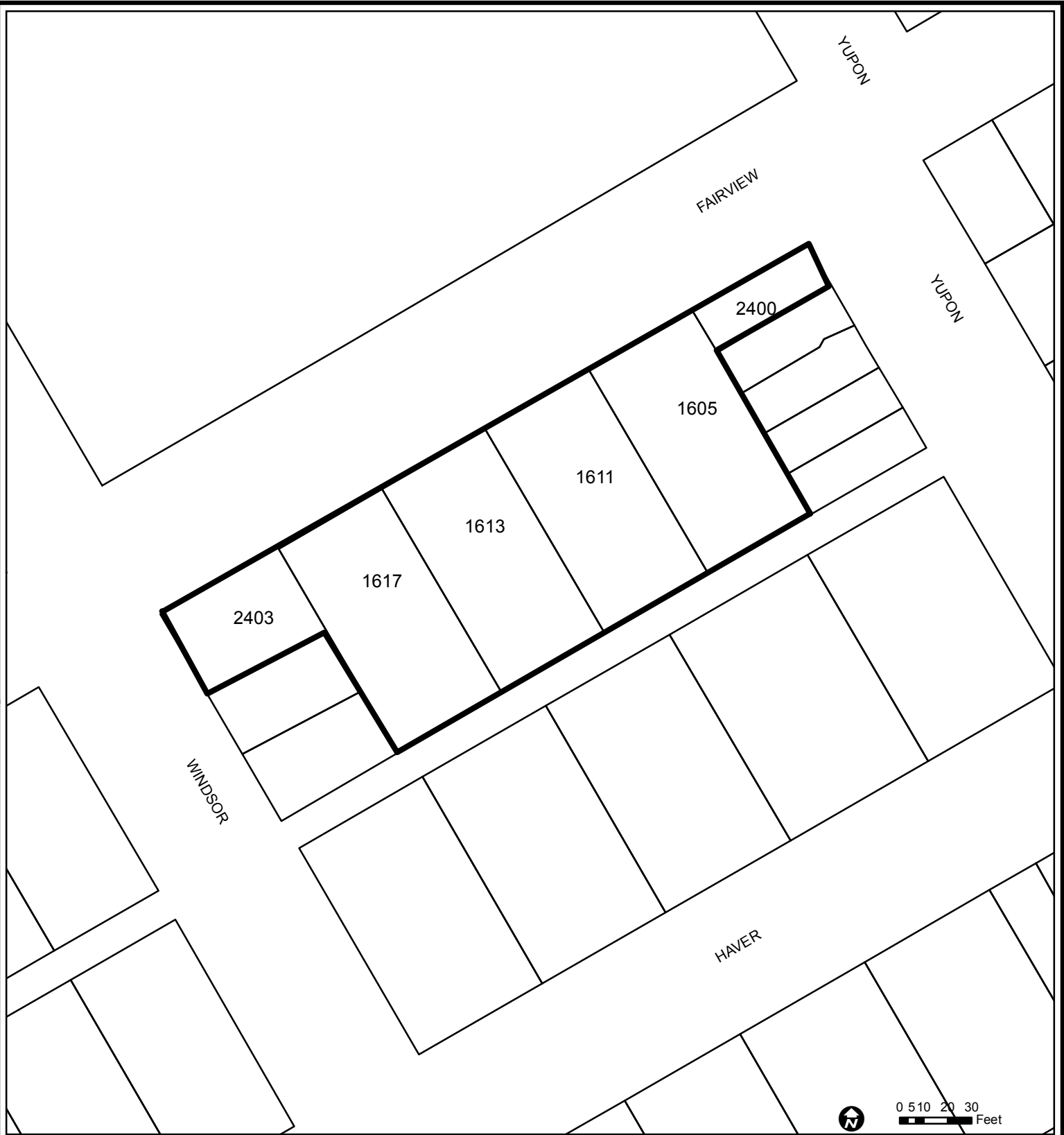
Attachments: Planning Director's Approval, Map of the Area

- xc: Marta Crinejo, Agenda Director  
 Anna Russell, City Secretary  
 David M. Feldman, City Attorney  
 Gary Dzierlenga, Land Use Division, Legal Department

**REQUIRED AUTHORIZATION**

<b>Finance Director:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>
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MS



**Special Minimum Building Line**  
**1600 block of Fairview**  
**South side, between Yupon and Windsor Streets**  
**13 feet**

Source: Harris County Appraisal District  
 Date: April 21, 2014  
 Reference: MLS376/MBL188

This map is made available for reference purposes only and should not be substituted for a survey product. The City of Houston will not accept liability of any kind in conjunction with its use.

 Special Minimum Lot Size Boundary/Special Minimum Building Line Boundary selection




**PLANNING &  
 DEVELOPMENT  
 DEPARTMENT**

**Special Minimum Building Line Block No. 188**  
**Planning Director's Approval**

Planning Director Evaluation:

Satisfies	Does Not Satisfy	Criteria
X		<p><i>SMBLB includes all property within at least one block face and no more than two opposing block faces;</i></p> <p><b>The application is for the 1600 block of Fairview Street, south side.</b></p>
X		<p><i>More than 60% of the proposed SBLRA is developed with or is restricted to not more than two single-family residential (SFR) units per lot;</i></p> <p><b>100% of the proposed application area is developed with not more than two SF residential units per property.</b></p>
X		<p><i>Demonstrated sufficient evidence of support;</i></p> <p><b>Petition signed by owners of 64% of the SMBLB.</b></p>
X		<p><i>Establishment of the SMBLB will further the goal of preserving the building line character of the area; and,</i></p> <p><b>A minimum building line of 13 ft exists on five (5) properties in the blockface.</b></p>
X		<p><i>The proposed SMBLB has a building line character that can be preserved by the establishment of a special building line, taking into account the age of the neighborhood, the age and architectural features of structures in the neighborhood, existing evidence of a common plan and scheme of development, and such other factors that the director, commission or city council, respectively as appropriate, may determine relevant to the area.</i></p> <p><b>The subdivision was platted in 1916. The houses mostly originate from the 1940's. The establishment of a 13 ft minimum building line will preserve the building line character of the area.</b></p>
<p><i>The minimum building line for this application was determined by finding the current building line that represents a minimum standard for at least 70% of the application area.</i></p>		
<p><b>Five (5) out of six (6) developed properties (representing 83% of the application area) have a building line of at least thirteen (13) feet.</b></p>		

**The Special Minimum Building Line Block meets the criteria.**

  
 \_\_\_\_\_  
 Patrick Walsh, P.E.  
 Director

8/5/14  
 \_\_\_\_\_  
 Date

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District H

Item Creation Date: 5/6/2014

PLN-Spl Min Lot Size - 300 blk Teetshorn Street, North and South sides - Sabine

Agenda Item#: 17.

**Summary:**

ORDINANCE establishing the north and south sides of the 300 block of Teetshorn Street, between Sabine and Florence Streets, within the City of Houston as a special minimum lot size block pursuant to Chapter 42 of the Code of Ordinances, Houston, Texas - **DISTRICT H - GONZALEZ**

**Background:**

Approval of an ordinance designating the **300 block of Teetshorn Street, North and South sides, between Sabine and Florence Streets** as a Special Minimum Lot Size Block, pursuant to Chapter 42 of the Code of Ordinances.

In accordance with Section 42-197 of the Code of Ordinances, the property owner of **TR 37 of the Yoeman Subdivision** initiated an application for the designation of a special minimum lot size block. The application includes written evidence of support from the owners of **52%** of the area. Notification was mailed to the eight (**8**) property owners indicating that the special minimum lot size block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a Special Minimum Lot Size **5,000** square feet.

Attachments:

- Planning Director's Approval
- Special Minimum Lot Size Application
- Evidence of support
- Map of the area

**Contact Information:**

Kevin Calfee 713.837.7768

**ATTACHMENTS:**

Description	Type
☐ Spl Min Lot Size - 300 block of Teetshorn Street, North and South Sides - Sabine	Backup Material

**TO: Mayor via City Secretary    REQUEST FOR COUNCIL ACTION**

<b>SUBJECT:</b> Ordinance designating the 300 block of Teetshorn Street, North and South sides, between Sabine and Florence Streets as a Special Minimum Lot Size Block	<b>Category #</b>	<b>Page 1 of _____</b>	<b>Agenda Item #</b>
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<b>FROM (Department or other point of origin):</b> Patrick Walsh, P.E. Interim Director Planning and Development Department	<b>Origination Date</b> December 31, 2013	<b>Agenda Date</b>
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<b>DIRECTOR'S SIGNATURE:</b> 	<b>Council District affected:</b> H
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<b>For additional information contact:</b> Kevin Calfee Phone: 713.837.7768	<b>Date and identification of prior authorizing Council action:</b> N/A
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**RECOMMENDATION: (Summary) Approval of an ordinance designating the 300 block of Teetshorn Street, North and South sides, between Sabine and Florence Streets as a Special Minimum Lot Size Block, pursuant to Chapter 42 of the Code of Ordinances.**

<b>Amount and Source of Funding:</b>	<b>Finance Budget:</b>
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**SPECIFIC EXPLANATION:** In accordance with Section 42-197 of the Code of Ordinances, the property owner of TR 37 of the Yeoman Subdivision initiated an application for the designation of a special minimum lot size block. The application includes written evidence of support from the owners of 52% of the area. Notification was mailed to the eight (8) property owners indicating that the special minimum lot size block application had been made. The notification further stated that written protest could be filed with the Planning and Development Department within thirty days of mailing. Since no protests were filed, no action was required by the Houston Planning Commission.

It is recommended that the City Council adopt an ordinance establishing a Special Minimum Lot Size of 5,000 square feet.

Attachments: Planning Director's Approval, Special Minimum Lot Size Application, Evidence of support, Map of the area

xc: Marta Crinejo, Agenda Director  
Anna Russell, City Secretary  
David M. Feldman, City Attorney  
Deborah McAbee, Land Use Division, Legal Department

**REQUIRED AUTHORIZATION**

<b>Finance Director:</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>
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*[Handwritten initials]*

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

ALL

20IPB095a-Water Conservation Plan and Drought Contingency Plan

Agenda Item#: 18.

**Summary:**

ORDINANCE approving Water Conservation Plan for municipal uses and an Updated Drought Contingency Plan for the City of Houston

**Background:**

**Background**

Texas Administrative Code, Title 30, Chapter 288 requires the City of prepare and implement a water conservation plan that meets certain requirements and be no older than 5 years. Additionally, the Texas Water Code - Section 11.1271 contains additional requirements for Water Conservation Plans. This five-year update to the City of Houston's Water Conservation Plan includes information required by the Texas Commission on Environmental Quality for Water Conservation Plans, in addition to information specific to the City of Houston's water supply and treatment systems.

The Texas Commission on Environmental Quality for Water Conservation Plans as a "strategy or combination of strategies for reducing the consumption of water, reducing the loss or waste of water, improving or maintaining the efficiency in the use of water, or increasing recycling and reuse of water". The City's 2014 Water Conservation Plan includes measure to be taken internally at the City of Houston as well as programs for water customers. These include an in-house public education program, an internal water loss audit program, continue enforcement of water-wise building codes, and plans to develop water conservation measures for City departments and a Consumption Awareness Program designed to allow water customers to determine the most effective methods to maximize water-use efficiency inside and outside the home through communications meter data to household users.

One requirement of the Water Conservation Plan is formal adoption by the governing body of the entity. City Council approval shall serve as official adoption of the Plan. The previous Water Conservation Plan was adopted in September 2009. So as to have both the Drought Contingency Plan and Water Conservation Plan on the same revision schedule, the Drought Contingency Plan is also included. TCEQ requested additional clarification to be added to denote that the Drought Contingency Plan is in compliance with Texas Water Code Section 11.039 pro rata water allocation requirement for wholesaler customers. This non-substantive revision has been made to ensure Texas Administrative Code requirement language in the Drought Contingency Plan is consistent with language found in treated water contracts.

**Prior Council Action:**

Ordinance No. 2009-935 - 10-07-2009

Resolution No. 2013-28 - 05/2/2013

**Contact Information:**

Carol E. Haddock, P.E, Senior Assistant Director

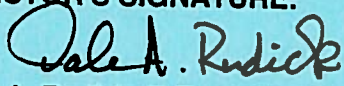

(832) 395-2686

**ATTACHMENTS:**

Description	Type
☐ RCA	Backup Material
☐ Ord	Backup Material
☐ CoH Drought Contingency Plan	Backup Material
☐ CoH Water Conservation Plan	Backup Material
☐ FINAL Water Conservation Plan	Backup Material

TO: Mayor via City Secretary

REQUEST FOR COUNCIL ACTION

<b>SUBJECT:</b> Ordinance approving the five year update to the City of Houston's Water Conservation Plan and Drought Contingency Plan		<b>Page</b> 1 of 1	<b>Agenda Item</b> #
<b>FROM (Department or other point of origin):</b> Department of Public Works and Engineering	<b>Origination Date</b>	<b>Agenda Date</b>	
<b>DIRECTOR'S SIGNATURE:</b>  Dale A. Rudick, P.E., Acting Director	<b>Council District affected:</b>  ALL <i>cdt</i>		
<b>For additional information contact:</b>  Carol E. Haddock, P.E., Senior Assistant Director (832) 395-2686	<b>Date and identification of prior authorizing Council action:</b> Ordinance No. 2009-935 – 10/07/2009 Resolution No. 2013-28 – 05/29/2013		

**RECOMMENDATION: (Summary)**

Adopt an ordinance approving the five year update to the City of Houston's Water Conservation Plan and Drought Contingency Plan

Background

Texas Administrative Code, Title 30, Chapter 288 requires the City to prepare and implement a water conservation plan that meets certain requirements and be no older than 5 years. Additionally, the Texas Water Code - Section 11.1271 contains additional requirements for Water Conservation Plans. This five-year update to the City of Houston's Water Conservation Plan includes information required by the Texas Commission on Environmental Quality for Water Conservation Plans, in addition to information specific to the City of Houston's water supply and treatment system.

The Texas Commission on Environmental Quality defines the Water Conservation Plan as "a strategy or combination of strategies for reducing the consumption of water, reducing the loss or waste of water, improving or maintaining the efficiency in the use of water, or increasing recycling and reuse of water". The City's 2014 Water Conservation Plan includes measures to be taken internally at the City of Houston as well as programs for water customers. These include an in-house public education program, an internal water loss audit program, continue enforcement of water-wise building codes, and plans to develop water conservation measures for City departments and a Consumption Awareness Program designed to allow water customers to determine the most effective methods to maximize water-use efficiency inside and outside the home through communication meter data to household users.

One requirement of the Water Conservation Plan is formal adoption by the governing body of the entity. City Council approval shall serve as official adoption of the Plan. The previous Water Conservation Plan was adopted in September 2009. So as to have both the Drought Contingency Plan and Water Conservation Plan on the same revision schedule, the Drought Contingency Plan is also included. TCEQ requested additional clarification be added to denote that the Drought Contingency Plan is in compliance with Texas Water Code Section 11.039 pro rata water allocation requirement for wholesaler customers. This non-substantive revision has been made to ensure Texas Administrative Code requirement language in the Drought Contingency Plan is consistent with language found in treated water contracts.


LTS# 10682

REQUIRED AUTHORIZATION


CUIC ID# 20IPB095a

Finance Department:

Other Authorization:

  
Jun Chang, P.E., D.WRE  
Deputy Director  
Public Utilities Divisions

Other Authorization:

  
Mark L. Loethen, P.E., CFM, PTOE  
Deputy Director  
Planning & Development Services Division

**AN ORDINANCE APPROVING A WATER CONSERVATION PLAN FOR MUNICIPAL USES AND AN UPDATED DROUGHT CONTINGENCY PLAN FOR THE CITY OF HOUSTON; MAKING VARIOUS FINDINGS AND PROVISIONS RELATING TO THE SUBJECT MATTER; AND DECLARING AN EMERGENCY.**

\* \* \* \* \*

**WHEREAS**, Section 11.1271 of the Texas Water Code requires that each holder of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in excess of 1,000 acre-feet per year for municipal, industrial and other purposes must develop, submit and implement a water conservation plan meeting the requirements of the Texas Water Code as well as the criteria developed by the Texas Commission on Environmental Quality (the "TCEQ"); and

**WHEREAS**, 30 Texas Administrative Code, §288.2 requires that a water conservation plan be updated every five years; and

**WHEREAS**, the City of Houston has permits for surface water in excess of 1,000 acre-feet of water per year and provides wholesale and retail water for its customers; and

**WHEREAS**, the City adopted its last water conservation plan by Ordinance No. 2009-935 on October 7, 2009; and

**WHEREAS**, the City of Houston adopted its previous drought contingency plan by Resolution No. 2013-0028 on May 29, 2013; and

**WHEREAS**, the City of Houston wishes to update the water allocation provisions of its drought contingency plan for stages 3 and 4 to address comments by the TCEQ concerning the application of Texas Water Code Section 11.039; and

**WHEREAS**, the City of Houston finds it advantageous to provide identical approval dates for both the water conservation plan and the drought contingency plan; and

**WHEREAS**, the City of Houston desires to comply with the requirements of Texas Water Code, the Texas Administrative Code and the TCEQ regarding its water conservation plans; **NOW THEREFORE**,

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOUSTON, TEXAS:**

Section 1. That the findings contained in the Preamble of this Ordinance are determined to be true and correct and are hereby adopted as part of this Ordinance.

Section 2. The City Council hereby approves the Water Conservation Plan for Municipal Uses, which is attached hereto as Exhibit "A", and incorporated herein by reference.

Section 3. The City Council hereby approves the updated Drought Contingency Plan for the City of Houston, which is attached hereto as Exhibit "B", and incorporated herein by reference.

Section 4. All Ordinances in conflict herewith are repealed to the extent of conflict only.

Section 5. If any provision, section, subsection, sentence, clause, or phrase of this Ordinance, or the application of same to any person or set of circumstances is for any reason held to be unconstitutional, void or invalid, the validity of the remaining portions of this Ordinance or their application to other persons or sets of circumstances shall not be affected thereby, it being the intent of the City Council in adopting this Ordinance that no portion hereof or provision or regulation contained herein shall become inoperative or fail by reason of any unconstitutionality, voidness or invalidity of any other portion hereof, and all provisions of this Ordinance are declared to be severable for that purpose.

Section 6. There exists a public emergency requiring that this Ordinance be passed finally on the date of its introduction as requested in writing by the Mayor; therefore, this Ordinance shall be passed finally on such date and shall take effect immediately upon its

passage and approval by the Mayor; however, in the event that the Mayor fails to sign this Ordinance within five days after its passage and adoption, it shall take effect in accordance with Article VI, Section 6, Houston City Charter.

**PASSED AND ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2014.**

**APPROVED this \_\_\_\_ day of \_\_\_\_\_, 2014.**

\_\_\_\_\_  
Mayor of the City of Houston, Texas

Pursuant to Article VI, Section 6, Houston City Charter, the effective date of the foregoing Ordinance is \_\_\_\_\_.

\_\_\_\_\_  
City Secretary

(Prepared by Legal Dept. \_\_\_\_\_)  
(JSW/ALC) Assistant City Attorney  
(Requested by Director of Public Works & Engineering)  
(L.D. File No. \_\_\_\_\_)



# Drought Contingency Plan for the City of Houston

September 2014



# **DROUGHT CONTINGENCY PLAN FOR**

**City of Houston  
900 Bagby Street  
Houston TX 77002**

**CCN# 99144  
PWS# 1010013**

**Effective September 2014 through May 2019**

## **Section 1 Declaration of Policy, Purpose, and Intent**

The purpose of the Drought Contingency Plan is to establish policies and procedures for the City of Houston to follow in case of a water shortage emergency. A water shortage emergency caused by drought or other uncontrollable circumstances which hinder the City of Houston's ability to meet water demand, can range from mild to critical and can disrupt the normal availability of water supplies. Therefore, it is important that the City of Houston establish this procedure so that guidelines exist in the event that a water shortage emergency occurs. The City of Houston Code Chapter 47, Article VII contains the policy regarding the actions the City of Houston will take in the event of a water shortage or emergency. Definitions of terms used throughout the following plan can be found in Section 47-249 of Article VII.

## **Section 2 Public Involvement**

Opportunity for the public to provide input into the preparation of the Plan was provided by:  
(check at least one of the following)

- Scheduling and providing public notice of a public meeting to accept input on the Plan  
The meeting took place at: Date:      Time:      Location:
- Mailed survey with summary of results (attach survey and results)
- bill insert inviting comment (attach bill insert)
- other method:**
  - **Posted on-line to receive comments and input 6/5/12 and ended public comment period on 8/17/12.**
  - **Presented to the Oversight Committee and the Transportation, Technology and Infrastructure Committee 9/12/12. Public comments were received at this meeting and subsequent council meetings.**
  - **Water Conservation Task Force established by Mayor's Office to continue review of water shortage and emergency options and opportunities for their application and implementation in Houston.**

### Section 3 Public Education

The City of Houston will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage.

Drought plan information will be provided by:  
(check at least one of the following)

- ✓ **public meeting** – The public is able to address City Council weekly
- ✓ **press releases**
- ✓ **utility bill inserts**
- other \_\_\_\_\_

### Section 4 Coordination with Regional Water Planning Groups

The service area of the City of Houston is located within Regional Water Planning Group (RWPG)  
H. The City of Houston has mailed a copy of this Plan to the RWPG.

### Section 5 Notice Requirements

Written notice will be provided to each customer **prior to implementation or termination of each stage of the water restriction program**. Mailed notice will be given to each customer 72 hours prior to the start of water restriction. If notice is hand delivered, the City of Houston understands it cannot enforce the provisions of the plan for 24 hours after notice is provided. The written notice to customers will contain the following information:

1. the date restrictions will begin;
2. the circumstances that triggered the restrictions;
3. the stages of response and explanation of the restrictions to be implemented; and
4. an explanation of the consequences for violations.

**City of Houston will notify the TCEQ by telephone at (512) 239 - 4691, or electronic mail at [watermon@tceq.state.tx.us](mailto:watermon@tceq.state.tx.us) prior to implementing Stage II and will notify in writing the Public Drinking Water Section at MC - 155, P.O. Box 13087, Austin, Texas 78711-3087 within five (5) working days of implementation including a copy of the City's restriction notice. The City of Houston will file a status report of its restriction program with the TCEQ at the initiation and termination of mandatory water use restrictions (i.e., Stages II through IV).**

## Section 6 Violations

With the exception of customers with water service contracts, in accordance with section 54.001 of the Texas Local Government Code, any person who violates any provision of this article shall be guilty of an offense and upon conviction thereof, shall be punished by a fine of not less than \$100.00 nor more than \$2,000.00 for each violation. Each act of city water use in violation of this article shall constitute and be punishable as a separate offense. Each day that any violation continues shall constitute and be punishable as a separate offense. Unless another penalty is specifically provided by this Code or by state law, the penalty for violation of any provision of this article shall be as follows:

(1) **For violations of stage two water shortage**, the department may issue a written warning to a customer for a first-time violation. Any subsequent violations are subject to a fine of \$100.00 to \$2,000.00.

(2) **For violations of stage three water shortage**, the department may issue a written warning to a customer for a first-time violation. Any subsequent violations are subject to a fine of \$500.00 to \$2,000.00. Additionally, the director may monitor the water account of any customer who has been convicted of a violation of [section 47-253](#). Daily monitoring may continue through the end of the existing water shortage period. The director may turn off city water if a customer has violated the authorized water use during a stage three water shortage on three separate instances within a 30-day period. Water service may be reinstated to a customer after a termination only upon a) payment of all applicable fines and any outstanding water service charges; and b) agreeing to the maximum rate in existence, regardless of the customer's billing rate class, for all future water service provided during the 12 months immediately following the termination and filing such agreement in writing with the department.

(3) **Violations of stage four water shortage** are subject to fines of \$1,000.00 to \$2,000.00. Additionally, all customers exceeding the allowed water usage during a stage four water shortage by ten percent or more shall pay a 20 percent surcharge for the current and two subsequent billing periods. The director may also turn off city water if a customer has exceeded the authorized water use during a stage four water shortage on three separate instances within a 30-day period. Water service may be reinstated to a customer after termination only upon a) payment of all applicable fines and any outstanding water service charges; and b) agreeing to the maximum rate in existence, regardless of the customer's billing rate class, for all future water service provided during the 12 months immediately following the termination and filing such agreement in writing with the department.

In the event that a customer with a water service contract engages in the unauthorized use of city water, the city shall have the right to pursue any and all rights and remedies allowed under existing contracts with customers, and any and all remedies allowed under Texas law.

## **Section 7 Exemptions or Variances**

The utility official may grant in writing a temporary variance for an otherwise prohibited water use if the utility official determines that:

- (1) Failure to grant the variance would cause an emergency condition immediately threatening the life, safety, welfare, or fire protection of the public, the person requesting the variance, or the environment; or
- (2) The applicant cannot comply with the prohibition for technical reasons; or
- (3) The applicant agrees to implement alternative methods that will achieve the same or a greater level of reduction in water use.

An application for a variance shall be made in writing with the utility official and shall include the following:

- (1) Name and address of the applicant;
- (2) Purpose of water use;
- (3) Specific provision(s) of this article from which the applicant is requesting relief;
- (4) A detailed statement as to how the specific provision(s) of this article adversely affects the applicant or what damage or harm will occur to the applicant or others if the applicant complies with this article;
- (5) Description of the relief requested;
- (6) Period of time for which the variance is sought;
- (7) Alternative water use restrictions or other measures the applicant is taking or proposes to take to conform to the provisions of this article and the compliance date; and
- (8) Other pertinent information reasonably required by the utility official to determine whether the criteria of subsection (a) have been met.

No variance shall be retroactive or otherwise justify any violation of the prohibitions hereunder occurring prior to the issuance of the variance. A variance is valid for only the declared water shortage period in existence at the time of issuance and shall expire at the conclusion of the existing water shortage period. If the conclusion of the existing water shortage period is immediately followed by a newly declared water shortage period, consisting of either more or less threatening conditions, a new application for a variance must be filed in accordance with subsection (b) of this section. Notwithstanding the foregoing, a variance may be applied retroactively if issued to a residential customer who is a member of a family consisting of five or more persons living in a single residential unit served by a single water meter.

## Section 8 Response Stages

### **STAGE I – ABNORMAL CONDITIONS (VOLUNTARY):**

**Target: Achieve a FIVE percent reduction in OVERALL water use.**

#### Stage I will begin:

When the director finds that the city's water supply system is under stress because of lower than average annual rainfall, temperatures that are higher or lower than normal, or other circumstances.

#### Stage I will end:

When the director finds that the abnormal conditions leading to the declaration either no longer exist, have been mitigated, or have been escalated, and the director files a written declaration to that effect with the city secretary.

#### Utility Measures:

The director's declaration, which may cover all or a portion of the city's water supply system, shall be in writing and filed with the city secretary. City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage one water shortage period and shall remain in effect until the conclusion of the water shortage period.

#### Voluntary Water Use Restrictions:

Unless otherwise stated in the declaration, all customers are requested to take the following voluntary water use restriction measures:

- (1) Check for and repair all leaks, dripping faucets, and running toilets;
- (2) Check for and correct excessive irrigation or uncorrected leaks that result in city water leaving the customer's property by drainage onto adjacent properties or public or private roadways or streets or gutters; and
- (3) Irrigate between 7:00 p.m. and 5:00 a.m. of the following day on no more than two days per week in conformity with the following schedule:
  - a. Sundays and Thursdays for single-family residential customers with even-numbered street addresses; and
  - b. Saturdays and Wednesdays for single-family residential customers with odd-numbered street addresses; and
  - c. Tuesdays and Fridays for all other customers.

**STAGE II - SEVERE CONDITIONS (MANDATORY):**

**Target: Achieve a TEN percent reduction in OVERALL water use.**

The City of Houston will implement Stage II when, upon the recommendation of the director of the Public Works and Engineering Department, the mayor declares a stage two water shortage upon finding that one or more of the following conditions exist that may impact all or a portion of the city's water supply system:

**Triggers:**

- (1) Combined total storage of surface water supply is less than 24 months based on a calculated projection of monthly production of city water that includes historic production and information provided by customers;
- (2) Combined total storage of surface water supply is less than 16 months, based on a calculated projection of current water production for the most recent 24-hour period;
- (3) Current water production is 80 percent of the available treatment capacity;
- (4) Loss of approximately 20 percent of available treatment capacity; or
- (5) Water pressure readings of 45 pounds per square inch or less throughout all or material portions of the city's treated water distribution system.

**Upon initiation and termination of Stage II, the City of Houston will mail a public announcement to its customers. Notice to TCEQ required.**

**Requirements for Termination:**

A stage two water shortage ends when the mayor declares, based on the recommendation from the director that the severe conditions leading to the declaration either no longer exist, have been mitigated, or have been escalated, and the director files a written declaration to that effect with the city secretary.

**Utility Measures:**

City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage four water shortage period and shall remain in effect until the conclusion of the water shortage period.

The second water source for City of Houston is: (check one)

- ✓ **Other well**
- Inter-connection with other system
- Purchased water
- Other \_\_\_\_\_

**Mandatory Water Use Restrictions:**

During a stage two water shortage, unless otherwise stated in the declaration, all classes of customers are subject to mandatory restrictions of outdoor use. During a stage two water shortage, outdoor use shall be unlawful with the exception of the following time periods as specified in the declaration:

- (1) Between 7:00 p.m. and 5:00 a.m. of the following day on no more than two days per week in conformity with the following schedule:
  - a. Sundays and Thursdays for single-family residential customers with even-numbered street addresses; and
  - b. Saturdays and Wednesdays for single-family residential customers with odd-numbered street addresses; and
  - c. Tuesdays and Fridays for all other customers; or
- (2) Between 7:00 p.m. and 5:00 a.m. of the following day on no more than one day per week in conformity with the following schedule:
  - a. Saturdays for single-family residential customers with odd-numbered addresses;
  - b. Sundays for single-family residential customers with even-numbered addresses; and
  - c. Tuesdays for all other customers.

Any outdoor water use that results in city water leaving the customer's property by drainage onto adjacent properties or public or private roadways or streets or gutters shall be unlawful.

### **STAGE III – EXTREME CONDITIONS (MANDATORY):**

**Target: Achieve a TWENTY percent reduction in OVERALL water use.**

#### **Triggers:**

The water utility will implement Stage III when any one of the selected triggers is reached that may impact all or a portion of the city's water supply system:

- (1) Combined total storage of surface water supply is less than 18 months based on a calculated projection of monthly production of city water that includes historic production and information provided by customers;
- (2) Combined total storage of surface water supply is less than 12 months, based on a calculated projection of current water production for the most recent 24-hour period;
- (3) Current water production is 85 percent of the available treatment capacity;
- (4) Loss of approximately 25 percent of available treatment capacity; or
- (5) Water pressure readings of 40 pounds per square inch or less throughout all or material portions of the city's treated water distribution system.

**Upon initiation and termination of Stage III, the City of Houston will mail a public announcement to its customers. Notice to TCEQ required.**

#### **Requirements for Termination:**

A stage three water shortage ends when, upon the recommendations of the director and the mayor, the city council finds that the extreme conditions leading to the declaration either no longer exist, have been mitigated, or have been escalated, and the city council files a written declaration to that effect with the city secretary.

#### **Utility Measures:**

City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage four water shortage period and shall remain in effect until the conclusion of the water shortage period. The Director shall apply any necessary curtailments consistently between classes of customers in accordance with Section 11.039 of the Texas Water Code.

#### **Mandatory Water Use Restrictions:**

During a stage three water shortage, all outdoor use shall be unlawful except that customers may use city water to continue production and protect inventory of their primary business products.

## **STAGE IV – EXCEPTIONAL CONDITIONS (MANDATORY):**

**Target: Achieve a THIRTY FIVE percent reduction in OVERALL water use.**

### **Triggers:**

The water utility will implement Stage IV when any one of the selected triggers is reached that may impact all or a portion of the city's water supply system:

- (1) Combined total storage of surface water supply is less than 12 months, based on a calculated projection of monthly production of city water that includes historic production and information provided by customers;
- (2) Combined total storage of surface water supply is less than six months, based on a calculated projection of current water production for the most recent 24-hour period;
- (3) Current water production is 90 percent of the available treatment capacity; or
- (4) Water pressure readings of 35 pounds per square inch or less throughout all or material portions of the city's treated water distribution system.

**Upon initiation and termination of Stage IV, the City of Houston will mail a public announcement to its customers. Notice to TCEQ required.**

### **Requirements for Termination:**

A stage four water shortage ends when, upon the recommendations of the director and the mayor, the city council finds that the exceptional conditions leading to the declaration either no longer exist or have been mitigated, and the city council files a written declaration to that effect with the city secretary.

### **Operational Measures:**

City departments' water use reduction plans shall be implemented immediately upon the declaration of a stage four water shortage period and shall remain in effect until the conclusion of the water shortage period. The Director shall apply any necessary curtailments consistently between classes of customers in accordance with Section 11.039 of the Texas Water Code.

### **Mandatory Water Use Restrictions:**

During a stage four water shortage, the following acts or omissions shall be unlawful:

- (1) All outdoor use;
- (2) Use of more than 4,000 gallons of city water per month by single-family residential customers;

- (3) Use of more than 4,000 gallons of city water per month (used per unit, as provided in [section 47-71](#) of City of Houston Code of Ordinance) by multifamily residential customers; and
- (4) For all customers other than residential customers, failure to reduce use of city water by 15 percent of baseline usage, or any other percentage if recommended by the director and adopted by city council in the stage four water shortage declaration.

During a stage four water shortage, the director may authorize a ten percent rate reduction for water usage to customers for reductions of city water use by 20 percent or more than those restrictions set forth in subsection (d), except that the ten percent rate reduction shall not be available to customers whose average monthly usage during the preceding 12-month period was less than 4,000 gallons. The rate reduction for water usage shall be effective for the duration of the existing water shortage period.

Immediately upon the declaration of a stage four water shortage, the city may claim force majeure to all of its existing water service contracts consistent with the terms of such water service contracts and in accordance with applicable state law.

#### **SYSTEM OUTAGE or SUPPLY CONTAMINATION**

The City of Houston will notify the TCEQ Regional Office as soon as communication can be established.



# Water Conservation Plan

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City of Houston

Effective September 2014 through May 2019



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**Appendix A. Water Utility Profile**

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**Appendix E. Letter to Region H**

**Appendix F. Drought Contingency Plan**

## INTRODUCTION

The City of Houston Water Conservation Plan 2014 highlights water conservation goals and continuous progress that will preserve long-term water supplies for the City of Houston and the greater Houston region. Water supply planning is important to the City of Houston in order to meet long term growth in demand and to comply with 30 TAC Chapter 288 that requires the City to prepare and implement a water conservation plan that meets certain requirements. This plan includes information to fulfill these requirements in addition to information specific to the City of Houston's water supply and treatment system.

The current plan includes measures to be taken internally at the City of Houston as well as programs for water customers. These include current programs such as an in-house public education program, continued enforcement of water-wise building and plumbing codes and the Consumption Awareness Program designed to allow water customers to determine the most effective methods to maximize water-use efficiency inside and outside the home through communicating real-time meter data to household users. This document also summarizes plans to develop an internal Water Loss Program, pilot a Mainline Leak Detection Program and expand the Consumption Awareness Program.

### City of Houston Overview

The City of Houston's Department of Public Works and Engineering ensures that the citizens of the City of Houston receive high quality drinking water at sufficient pressure to meet their daily needs. As a regional drinking water provider, the City of Houston's water system is spread across a four-county area, making it one of the most complex water systems in the nation. PWE is also responsible for protecting our regional water supply, operating and maintaining three water purification plants, 92 ground water pumping stations and over 7,000 miles of distribution pipe.

By 2050, the wholesale and retail water customer population is expected be served by the City of Houston water system is 6.2 million. It is imperative that all citizens use water wisely to sustain our most important natural resource. Our first line of defense is an educated and informed community.

### Water Conservation Plan

The Texas Water Development Board (TWDB) and Texas Commission on Environmental Quality require all utilities that provide potable water service to 3,300 or more connections have a Water Conservation Plan that meets minimum requirements or explain why the requirement is not applicable per the requirements of 30 TAC Chapter 288. Additionally, the plan should not be older than five years. As the previous City of Houston Water Conservation Plan was prepared in 2009, this document is the required five year update.

The Texas Water Development Board defines a water conservation plan as "a strategy or combination of strategies for reducing the consumption of water, reducing the loss or waste of water, improving or maintaining

the efficiency in the use of water, or increasing recycling and reuse of water”. The TWDB also emphasizes that water conservation is increasingly recognized as an integral part of water resource planning and management, stating that water conservation can play an important role in meeting current and future water supply, utility infrastructure, and environmental needs.

Additionally, the State Water Plan, the blueprint that details how Texas will address our state’s growing water needs, calls for serious statewide conservation efforts, as fully a quarter of Texas’ future water needs are planned to be met through conservation. Region H, the fast growing, mainly urbanized region in which Houston is located, has specific conservation goals articulated in the region’s plan. This Region H Plan calls for 12 percent of future additional supplies to be met through municipal conservation efforts.

DRAFT

# REQUIRED WATER CONSERVATION PLAN CONTENT

## A. Evaluation of Customer Use Characteristics

An evaluation of the Applicant’s water and wastewater system and customer use characteristics to identify water conservation opportunities and potential targets and goals. Completion of the Water Conservation Utility Profile, TWDB – 1965 as part of the evaluation is required and should be submitted with the Plan. The utility profile should include water sales and use for the following classifications; residential (both for single-family and multi-family), commercial, institutional, industrial, agricultural, and wholesale; as appropriate.

See Appendix A for the City of Houston’s Retail and Wholesale Water Utility Profiles.

### Overview of Usage<sup>1</sup>

In 2013, The City of Houston produced a total of 163 billion gallons of treated, potable water. This averages to a production of 447 million gallons per day (MGD). Total authorized usage, both retail and wholesale to contract customers, totaled 140 billion gallons, an average of 384 MGD. A small portion, 4 billion gallons, was used for routine maintenance activities such as line flushing. Therefore, unaccounted for water in 2013 totaled 27 billion gallons or 23 percent of overall production.

### Contract Customers

As a regional water provider, the City of Houston has agreements with 274 contract customers to provide potable water. These contract customers include such entities as Municipal Utility Districts, cities, Regional Water Authorities and various industrial customers. In 2013, contract customers who acquired potable water from the City of Houston used a total of 52 billion gallons for an average of 142.5 million gallons per day (MDG)..

### Retail Customers

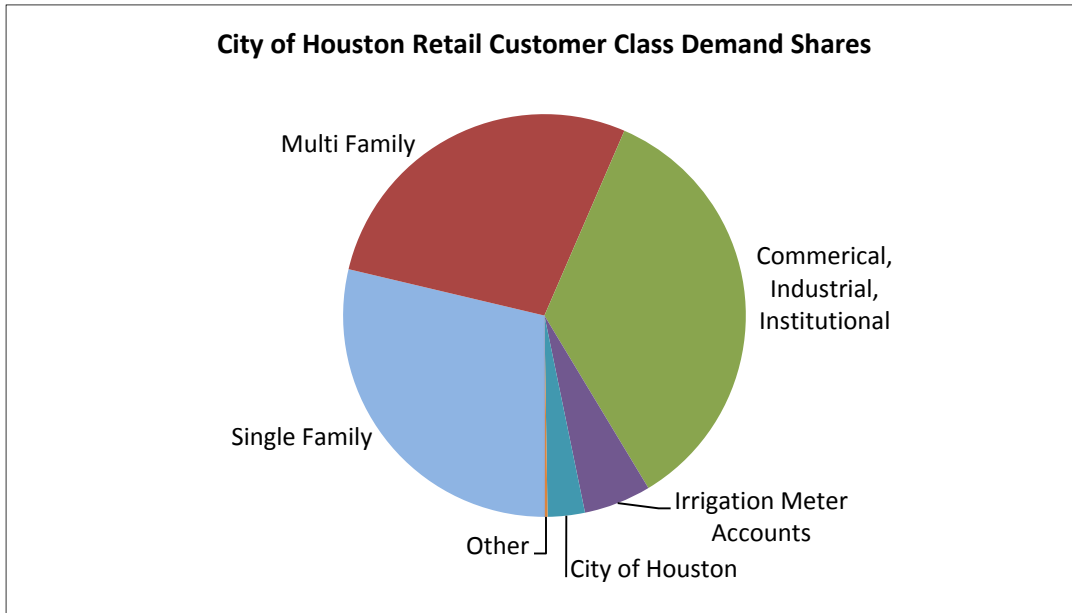
In 2013 usage for all retail customers, located within the City of Houston municipal boundaries, was 84 billion gallons for an average of 230 MGD. Retail usage is roughly divided in three equal parts between single-family, multi-family and commercial, industrial and institutional (CII) customer classes.

**Table 1. City of Houston Retail Customer Usage by Customer Class, 2012**

Customer Class	No. of Connections	Total Usage 2012 (billions)	Average MGD
CII	65,151	33	90
Single family	408,252	26	71
Multi Family	14,968	25	68.5
<b>TOTAL</b>	<b>488,371</b>	<b>84</b>	<b>229.5</b>

<sup>1</sup> All values in this section are consistent with the 2013 Water Conservation Plan Annual Report submitted to TWBD.

Figure 1. City of Houston Retail Customer Demand Shares, 2012



The 2013 GPCD for all retail customers is 144. This GPCD is based on pumpage volumes – all water that leaves the water treatment plants, including all lost and unaccounted for water. This gives us a more accurate description of the full performance of the system compared to previous GPCD calculations that only accounted for the water that went through a customer’s meter and was billed. However, it makes a comparison of this 5-year average to the previous 5-year average to appear to have increased GPCD. Evaluated separately, single-family residential customer usage for 2013 was 64 GPCD with a 5-year historic average of 68 GPCD. The previous 5-year average was 70.9. This confirms that, although the baseline GPCD for all customer types is higher than the previously used baseline of the 2009 due to more comprehensive accounting, as a trend our retail residential customers have been using a decreasing amount of water.

## B. Five-year and Ten-year Water Savings Targets

*Inclusion of five-year and ten-year targets that are specific and quantified for water savings and include goals for water loss programs in gallons per capita per day, and goals for municipal use and residential use, in gallons per capita per day. A base use figure should be included to be able to calculate your savings. Consider state and regional targets and goals, local climate, and demographics. Consider the anticipated savings that can be achieved by utilizing appropriate best management practices and other conservation techniques.*

Over the past thirty years, the City of Houston has averaged an annual rainfall of 49.77 inches.<sup>2</sup> The average was 48 inches for the 2004-2008 period. For the purpose of addressing water conservation, the City of Houston considers rainfall of this amount to be an ‘average’ year and anything above is considered a ‘wet’ year. In

<sup>2</sup> [http://www.srh.noaa.gov/hgx/?n=climate\\_iah\\_normals\\_summary](http://www.srh.noaa.gov/hgx/?n=climate_iah_normals_summary)

general, during a 'dry' year the City will receive 35 to 42 inches of rainfall. Less than 35 inches during the year would result in conditions that would be addressed through the Drought Contingency Plan and not the Water Conservation Plan. During the drought of 2011, the City of Houston still received 25 inches of rainfall and declared a Stage 2 water shortage due breaks in the system and not due to the volume of water in the lakes.

After analysis of historic water use date, dry years show a pattern of increased water use over that typically seen in an average or wet year. So as to address annual weather variability and usage fluctuations, the City of Houston has developed tiered water use reduction targets. The historic 5-year GPCD average has been determined the appropriate baseline for average or wet year (see Table 3). A GPCD baseline of approximately 6% higher has been selected for dry years so as to ensure the City of Houston can reliably meet basic customer needs and essential fire protection even when discretionary use is high (see Table 4).

This plan uses 1.6% reduction target for total and residential GPCD as it is consistent with the water use reduction target adopted by Region H. A focused effort is being made by the City of Houston to reduce lost and unaccounted for water with an overall goal of reducing water loss by two percent every five years with the long-term goal of reaching less than 11 percent water loss.

**Table 3. Water Conservation Plan 5-and 10-yr Goals for Water Savings in Average or Wet Years**

	Historic 5yr average	Average or Wet Year Baseline	5yr Reduction Goal	10yr Reduction Goal
Total GPCD	144	144	141.7	139.4
Residential GPCD	68	68	66.9	65.8
Water Loss (GPCD)	29	29	28.4	27.8
Water Loss (Percentage)	14	14	11.2	10.9

**Table 4. Water Conservation Plan 5-and 10-yr Goals for Water Savings in Dry Years**

	Historic 5yr average	Dry Year Baseline	5yr Reduction Goal	10yr Reduction Goal
Total GPCD	144	152	150	147.6
Residential GPCD	68	72	70.8	69.7
Water Loss (GPCD)	29	31	30.4	29.8
Water Loss (Percentage)	14	15	14.7	14.4

## C. Implementation Plan

*A schedule for implementing the plan to achieve the applicant's targets and goals*

To achieve 1.6 % reduction over the next five years, The City of Houston plans to implement, expand or continue the following efforts.

### *Water Main Replacement Program*

Aging infrastructure is a common problem that can lead to regulatory and customer issues as well as loss of treated water. It is the mission of this utility to protect public health and the environment and to provide superior customer service. To meet this mission, continuation of water infrastructure re-investment is required for current and future needs and to ensure the delivery of water in the most efficient manner possible.

Continuing activities range from replacement of broken or inadequate infrastructure, to proactive replacement of aging infrastructure. The City performs a needs assessment that considers the design service life of each type of asset and the remaining life of the asset since its installation, replacement, or rehabilitation. In water, the type of pipe material is an important factor in determining the service life. For example, small diameter asbestos-cement water pipes that were installed in the 1970s of have a 40-year service life, based on the City's experience with line breaks. In comparison, PVC pipes are based on a 50-year service life for this assessment.

**Water Transmission** includes the large diameter lines, 16" and larger, and valves that are used to move high volumes of drinking water throughout the City and to bring raw surface water to the treatment plants. There are 4.55 million linear feet of pipe from 16" to 108". Six (6) major repump stations re-pressurize the transmission system and 168 storage tanks (groundwater, hydro, elevated) provide water volume in the system to meet average and peak demands. These projects include rehab/replacement of storage tanks, water valves, pumps, and aging large water lines.

**Water Distribution** includes the small diameter pipes in the system that service individual homes and businesses. The water distribution system also includes meters and the fire hydrants that fire fighters use throughout the City. There are approximately 33.5 million linear feet of pipe less than 16" and approximately 460,000 water meters in the distribution system. These projects replace old and substandard neighborhood water lines to help improve fire protection and water quality.

Currently, the City has dedicated approximately \$28 million dollars in FY2015 to the Water Main Replacement Capital Improvement Program construction projects and approximately \$118 million in planned projects over the next five years. For more information visit the City of Houston's website at: <http://www.houstontx.gov/cip/>.

### *Water Loss Plan*

This water loss plan is currently under development by the City of Houston. The City strives to be an exemplar of efficient water usage for its customers. To that end, concerted efforts are made and will

continue to be made to ensure treated water is delivered to customers in the most efficient manner possible. The City of Houston plans to spend the next twelve months developing cost-effective implementation strategies for reducing water loss.

Water Loss Reductions are planned to be achieved through:

- Developing uses of the fixed network for reducing water loss such as predictive leak detection or other potential functionalities
- Developing strategies for reducing water usage by City Departments and other non-revenue users
- Developing strategies for reducing theft (ex. Bypasses, direct connects, etc.)
- Developing a plan for turning water meters off faster when there is no account owner and water use continues to occur

### *Consumption Awareness Program*

To make sure customers get timely and accurate bills, the city measures consumption efficiently through an automated system that transmits water usage data with radio waves, also referred to as an Automated Meter Infrastructure (AMI) network. An attachment on the water meter sends a wireless signal that is picked up by one of the collecting devices located throughout the city, usually on utility poles and in some city buildings like fire stations. Ultimately, the information is transmitted to a central computer where the data can be accessed by account owners, used to generate alerts and used to create water bills.

So this information can be utilized by retail customers, the City of Houston has developed a Consumption Awareness Program (CAP) which affords customers with access to their real-time usage information and crosses multiple communication mediums. For more information on the CAP see *Section I. Public Education and Information Programs* and Appendix B for more information and examples of the information available in the dashboard or visit [www.houstonwater.org](http://www.houstonwater.org).

The City of Houston has completed the implementation of the first phase of the CAP which included:

- Converting 75 percent of retail customers to the AMI network
- Web-based portal for single-family residential customers to access real-time water usage
- Smart phone based application for iPhone and Android users

As of the beginning of 2014, approximately 75 percent of retail customer accounts are on the AMI network and 10 percent of single-family retail customers have signed up for the CAP.

Goals of the second phase of the program include:

- Developing web-based portal for commercial and other retail customers
- Developing and implementing an information dissemination campaign with goal of 80 percent customer participation in CAP.
- Development of more in-depth and user friendly portal for single-family customers.

### *Mainline Detection Leak program*

Using the AMI network previously described, the City of Houston is currently in the process of developing a more proactive leak detection program to determine effective next steps for increasing the efficiency of leak detection and repair efforts. Future applications under the network are currently being developed and conceived with manufacturers. These functionalities include pressure sensing, hydrant flow monitoring, water quality sensing, et al. The key to long term viability of this vision is to ensure interoperable end point functionality and open architecture protocols.

### *Water Wise Building Standards*

In 2011, The City of Houston completed a comprehensive update and revision of municipal plumbing codes. As reflected in the single-family residential GPCD of 66, demonstrable water use reductions have been realized due to the implementation and enforcement of these more stringent plumbing and building codes through the years. A section on Low Impact Development was also added to the Infrastructure Design Manual. Low Impact Development can reduce the amount of potable water used for irrigation by utilizing stored rainwater and slowing runoff from properties requiring less overall irrigation. As new construction continues at a brisk pace, the City of Houston plans to continue to rigorously enforce building and plumbing codes and encourage low impact development.

The sections of the Uniform Plumbing Code and Building Code related to water efficiency can be found in the following:

- Uniform Plumbing Code, Chapter 16
- Uniform Plumbing Code Appendix R
- Building Code 29

All documents can be accessed through the City of Houston's website at:

[www.houstonpermittingcenter.org/code-enforcement](http://www.houstonpermittingcenter.org/code-enforcement)

To set an example for private developers, the City of Houston adopted an official resolution (No. 2004-15) establishing the U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Green Building Rating System™ as a standard for new or replacement facilities and major renovation of City of Houston owned buildings and facilities over 10,000 square feet of occupied space. LEED™ provides a complete framework for assessing building performance and meeting sustainability goals. Based on well-founded scientific standards, LEED™ emphasizes state of the art strategies for various energy and environmental aspects of a building including water savings.

The General Services Department is implementing this policy in its management of projects in the City's Capital Improvement Plan. More information about the status of this program can be found on the City of Houston's website at: <http://www.houstontx.gov/generalservices/leed>.

## D. Method for Tracking the Implementation and Effectiveness

*A method for tracking the implementation and effectiveness of the plan. The method should track annual water use and provide information sufficient to evaluate the implementation of conservation measures. The plan should measure progress annually, and evaluate the progress towards meeting the goals.*

The City of Houston will use the Water Conservation Annual Report and the Water Loss Audit Report due annually to the TWDB and TCEQ as a means for tracking the implementation and effectiveness of the plan. Additionally, the City of Houston will utilize the Alliance for Water Efficiency's Water Conservation Tracking Tool to evaluate the effectiveness of the current conservation efforts and evaluate measures that may be considered in the future.

## E. Master Meter

*A master meter to measure and account for the amount of water diverted from the source of supply.*

The City of Houston has a variety of sources from which water is acquired. These sources include Lake Houston, Lake Livingston, groundwater wells, limited reuse of wastewater effluent and, when necessary, Lake Conroe. There are meters located on all groundwater wells. There is an inflow meter at the head of the Northeast Water Purification Plant, located near the shore of Lake Houston, that tracks all water entering the plant for treatment and eventual delivery to customers. The Trinity River Authority is responsible for tracking all discharges from Lake Livingston. If it is necessary for the City of Houston to divert water from Lake Conroe, the San Jacinto River Authority tracks this amount and conveys this information to the City of Houston.

## F. Universal Metering

*A program of universal metering of both customer and public uses of water, for meter testing, repair and for periodic replacement.*

The City of Houston's Code of Ordinance Chapter 47- Section 4(a)(2) states, "water will be furnished and delivered through the water distribution system of the city only through meters. Meters must be listed on the City of Houston department of Public Waters & Engineering's product approval list."

The City of Houston's overall objective with regard to meter population measure accuracy is to maintain an average of 98-102% per the American Water Works Association (AWWA) benchmark. This is accomplished through data and population analytics. The specific demarcation line for Houston is meter size. Customer and public uses of water are metered and maintained under the same programs. The programs are grouped into large and small meter scheduled, unscheduled and replacement programs.

The small meters were replaced across the entire system beginning in the year 2000. The population's accuracy performance has been monitored through data captured in customer requests for tests, field

accuracy test results and, when meters are pulled for any reason. A random sampling program began in 2013 and is planned to be conducted annually to gauge the accuracy performance randomly on the meter size population of 5/8"-2". Additionally, the City of Houston is sampling consumption at the various flow ranges to better understand actual accuracy of measure based on the volume of water consumed at each range. Based on volume and age, subsets of the overall population will be mapped for replacement.

Regarding the large meter population (meter sizes 3" and larger) a scheduled (preventive) maintenance program has been put in to place based on stratifications of meter type and volume that has passed through each meter. The scheduled program is based on meeting or exceeding AWWA accuracy benchmarks and involves testing and calibration at the point of measure. When maintenance costs or manufacture supply dictates, we will plan removal and replacement of the meters.

## **G. Measures to Determine and Control Water Loss**

*Measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections, abandoned services, etc.)*

The city has multiple levels of oversight to determine and control water loss that is driven by routine data analytics and field inspection presence. Efforts such as a direct theft line allows for the citizen base to report on when or if consumption is perceived to be taken inappropriately. An active relationship with the Houston Police Department and District Attorney tactically addresses issues when they arise. From a monitoring perspective, Houston analyzes data daily and aggregates performance monthly to see where loss or inaccurate accounting might be occurring in the system. The data drive response to account structural issues as well as answering the question, are we accounting for all water consumed.

## **H. Water Loss Program**

*A continuous program of leak detection, repair, and water loss accounting for the transmission, delivery and distribution system in order to control water loss.*

The City of Houston has developed and implemented a network based on meter reading that is expanding into a variety of functions that will ultimately deliver a more robust Supervisory Control and Data Acquisition (SCADA) view of the entire distribution system. This concept has been successfully developed, tested and put into production with Sanitary Sewer Overflows and is now migrating to main line leak detection. Future applications under the network are currently being developed and conceived with manufacturers. These functionalities include pressure sensing, hydrant flow monitoring, water quality sensing, et al. The key to long term viability of this vision is to ensure interoperable end point functionality and open architecture protocols. In line with this last point, the City of Houston is involved actively with the AWWA Research Foundation to develop industry specifications involving aforementioned networks.

Further, the City of Houston is embarking on an effort to standardize reporting for all municipalities and wholesale water providers across the State to ensure what is reported as loss is consistent. To ensure

compliance, Houston is undertaking review of how water is accounted for in uses such as community fire response, dead end line flushing, new line flushing and general city uses. Houston also has an active transient program that monitors uses by contractors, et al that assures the highest level of measurement and accountability. All of these efforts regardless of maturity level are active and a part of the program to standardize reporting so that a true understanding of loss or unaccounted for water is reached.

## **I. Public Education and Information Programs**

*A program of continuing education and information regarding water conservation. This should include providing water conservation information directly to each residential, industrial and commercial customer at least annually, and providing water conservation literature to new customer when they apply for service.*

### *Consumption Awareness Program*

The City of Houston works from the premise that having a good understanding of how an individual's home or business uses water is the first step in customers being able to sustainably reduce water use. Working from this premise, the City of Houston developed the Consumption Awareness Program (CAP) which provides customers with access to their real-time usage information and crosses multiple communication mediums. Giving the customer the tools and information to have a clear understanding of their water use thus allows them to identify unusual patterns of water use unique to their property that can be resolved and ultimately results in demonstrable savings.

Customers can access information through the web, mobile apps, email, and phone. CAP provides account summaries that display helpful information such as: Current Balance, Due date, Last Payment Received, Current Usage, Projected Next Bill, Turn on e-bills, and Neighborhood Average Usage. Customers can see their monthly data for up to 18 months, they can see the read date, meter reading, what was used, what was paid for the usage. Customers can also see up to 60 days of past usage on a day-by-day or hourly basis. Customers can select daily, monthly and leak alerts and can choose to be alerted by Email, Text via cell phone or Auto-Call to a phone. See Appendix B for more information and examples of the information available in the dashboard.

### *Public Education and Information Program*

The City maintains a dedicated staff for its Public Education and Information Program. The major public outreach programs are as follows:

*WaterWorks Education Center* – Opened in 2010, the WaterWorks Center hosts numerous school field trips and tours. Located near the shores of Lake Houston at the City of Houston's Northeast Water Purification Plant, WaterWorks Education Center is a one-of-a-kind water destination whose mission is to promote water education, conservation and stewardship. The City of Houston's WaterWorks Education Center welcomes all educational groups to explore the wonders of water during a field trip designed to imbue them with a sense of wonderment and discovery about one of earth's most precious

resources. The Center offers visitors an innovative environment for creative learning with interactive exhibits, demonstrations and tour. For more information see: <http://www.houstonwaterworks.org>.

*Annual Water Festival* – over the past 20 years, this annual event has been used to showcase the water conservation program’s message. It primarily offers awareness about water conservation to local schools as well as young adults. Local participants offer support by providing hands on demonstration of essential tools utilized in the water industry.

*School Education Curriculum Program* – The Public Education and Outreach group has presented to over 24,000 people consisting of water messages to use water efficiently and source water protection to stress the importance and value of clean drinking water. The coordination of water conservation information produces a Houston specific message.

*Community Outreach Program* – The City of Houston Public Education and Outreach group provides presentations along with providing water conservation retrofit kits that are introduced to local school students throughout the Houston area. The City is involved in providing this program to educate the community about using water more efficiently. Students are taught how to save water throughout their home and are then given a retrofit kit to take home that includes various water saving devices to be placed in their showers and faucets.

### *Gulf Coast Water Conservation Symposium*

The City of Houston is an active participant in the planning of the annual Gulf Coast Water Conservation Symposium, a one day regional event aimed at providing crucial information to water providers and customers in the region about water conservation legislation, planning, education, and smart conservation investment, implementation strategies and industry best practices. City of Houston employees actively participate on the Symposium’s Steering Committee and effort is made to raise awareness of the event amongst City of Houston’s regional customers through mailings and other means of communication.

In 2014, the theme of the Symposium was “Capitalizing on Water Conservation: Benefits, Opportunities, Requirements, & Lessons Learned” and focused on how Proposition 6, water infrastructure funding and HB4 may affect local communities and examine strategies for smart infrastructure investment, among other topics. City of Houston plans to continue to participate in this annual event.

## **J. Non-Promotional Water Rate Structure**

*A water rate structure which is not “promotional” i.e. a rate structure which is cost-based and which does not encourage the excessive use of water. Include copy of the rate structure.*

The existing City of Houston rate structure includes inclining blocks and single unit rates for both water and sewer pricing. Sewer pricing is based on total water use. Traditional objectives in rate structure design include that the rates be based on the costs to serve, that they provide adequate and stable revenues, that they be fair or equitable among customer classes and volume users, and that they be easy to implement and administer. These rate structures are cost-based and are not promotional. All rate tables are available in Appendix C and at the City’s website [www.houstonwater.org](http://www.houstonwater.org).

## **K. Implementation and Enforcement**

*A means of implementation and enforcement, evidenced by adoption of the plan:*

- a. A copy of the ordinance, resolution or tariff indicating official adoption of the water conservation plan by the applicant and*
- b. A description of the authority by which the applicant will implement and enforce the conservation plan.*

See Appendix D for the copy of ordinance of official adoption of the Water Conservation Plan by the City of Houston Council.

The City implements and enforces the regulatory aspects of the Water Conservation Plan through existing codes and ordinances. These include:

- Building and Plumbing Codes: [www.houstonpermittingcenter.org/code-enforcement](http://www.houstonpermittingcenter.org/code-enforcement)
- Chapter 47 – Water and Sewers, of the City of Houston Code of Ordinances: <http://www.houstontx.gov/codes/index.html>
- LEED Certification of City of Houston owned facilities (Resolution No. 2004-15): <http://www.usgbc.org/Docs/Archive/General/Docs1981.pdf>

## **L. Contract Customer Requirements**

*If the Applicant will utilize the project financed by the TWDB to furnish water or wastewater services to another supplying entity that in turn will furnish the water or wastewater services to the ultimate consumer, the requirements for the water conservation plan also pertain to these supplier entities. To comply with this requirement the applicant shall:*

- a. Submit its own water conservation plan;*
- b. Submit the other entity's (or entities), adopt a water conservation plan*
- c. Require, by contract, that the other entity (or entities), adopt a water conservation plan that conforms to the board's requirement and submit it to the board. If the requirement is to be included in an existing water or wastewater service contract, it may be included, at the earliest of the renewal or substantial amendment of the contract, or by other appropriate measure.*

This requirement is located within all City of Houston water supply contracts.

## **M. Region H Notification**

*Documentation that the regional water planning group for the service area of the applicant has been notified of the applicant's water conservation plan.*

See Appendix E for letter notifying Region H of the City of Houston's Water Conservation Plan.

## **N. Drought Contingency Plan**

See Appendix F for information on The City of Houston's 2013 Drought Contingency Plan.

## **O. Adoption**

*Adoption. No water conservation plan is complete without formal adoption by the governing body of the entity. For a municipal water system, adoption would be by the city council as an ordinance, or a resolution by an entity's board of directors.*

Appendix D will contain a copy of the resolution of official adoption of the Water Conservation Plan which will be completed through an act of City Council prior to September 2014.

## **P. Reporting Requirement**

*Reporting Requirement: Identify who will be responsible for preparing the annual report on the utility profile form TWDB-1965. Loan/Grant Recipients must maintain an approved water conservation program in effect until all financial obligations to the state have been discharged and shall report annually to the executive administrator of the TWDB on the progress in implementing each of the minimum requirements in its water conservation plan and the status of any of its customers' water conservation plan required by contract. The content and format for the annual reporting is included in the forms: Water Conservation Plan Annual Report, TWDB-1966 for retail water suppliers, TWDB-1967 for non-water suppliers and TWDB-1969 for wholesale water supplies.*

The City of Houston's Department of Public Works and Engineering will be responsible for preparing the Water Conservation Plan Annual Report, TWDB-1966 for retail water suppliers and TWDB 1969 for wholesale water supplies.

## Appendix A. Water Utility Profile

DRAFT

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Fill out this form as completely as possible.  
If a field does not apply to your entity, leave it blank.

### CONTACT INFORMATION

Name of Utility: City of Houston

Public Water Supply Identification Number (PWS ID): 1010013

Certificate of Convenience and Necessity (CCN) Number: 99144

Surface Water Right ID Number: 4261,4277,4963,4965,5807,5808,5827,2925,5762,5826

Wastewater ID Number: See Attached

Completed By: Shannon K. Smith Title: Engineer

Address: 611 Walker St. 18th Fl City: Houston Zip Code: 77002

Email: shannon.smith@houstontx.gov Telephone Number: 832-395-3097

Date: 3/31/2014

Regional Water Planning Group: H [Map](#)

Groundwater Conservation District: HGSD [Map](#)

Check all that apply:

- Received financial assistance of \$500,000 or more from TWDB
- Have 3,300 or more retail connections
- Have a surface water right with TCEQ

## Section I: Utility Data

### A. Population and Service Area Data

1. Current service area size in square miles: 635  
 (Attach or email a copy of the service area map.)
  
2. Provide historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Service
2009	2,060,444	2,008,811	2,093,621
2010	2,190,456	2,029,102	2,112,010
2011	2,119,831	2,086,264	2,127,071
2012	2,151,475	2,143,426	2,142,133
2013	2,201,027	2,200,588	2,157,194

3. Provide the projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Service
2020	2,370,040	2,600,721	2,262,624
2030	2,600,128	2,813,387	2,446,529
2040	2,806,453	2,953,541	2,623,586
2050	3,087,538	3,075,619	2,799,197
2060	3,303,789	3,187,275	2,977,809

4. Describe the source(s)/method(s) for estimating current and projected populations.

1) Service Area of 635 sq. mi. is only the retail service area. Retail and wholesale service area is estimated to be 1,536 sq. mi.  
 2) 2010 and 2012 historical retail populations are US Census data. 2009, 2011 and 2013 historical retail populations are as reported in previous TWDB Water Use Surveys.  
 3) 2020-2040 projected retail populations were determined using existing US Census and H-GAC data. 2050 and 2060 projections were estimated using data provided by HGSD.  
 4) Historical and projected populations are based upon TWDB Region H data.

**B. System Input**

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2009	145,338,834,000	0	0	145,338,834,000	193
2010	149,611,309,000	0	0	149,611,309,000	187
2011	180,776,752,000	0	0	180,776,752,000	234
2012	163,764,008,000	0	0	163,764,008,000	209
2013	166,965,113,000	0	0	166,965,113,000	208
<b>Historic 5-year Average</b>	161,291,203,200	0	0	161,291,203,200	206

**C. Water Supply System (Attach description of water system)**

1. Designed daily capacity of system 745,000,000 gallons per day.

2. Storage Capacity:

Elevated 17,400,000 gallons

Ground 195,700,000 gallons

3. List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
Lake Houston	Surface	59,337,467,100
Lake Conroe	Surface	21,723,508,617
San Jacinto River	Surface	13,034,040,000
Mult. Bayous	Surface	137,007,963,162
Lake Livingston	Surface	294,178,282,800
Groundwater	Ground	41,851,000,000

\*Select one of the following source types: *Surface water, Groundwater, or Contract*

4. If surface water is a source type, do you recycle backwash to the head of the plant?

Yes 15,250,000 estimated gallons per day

No

## D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)
2015	2,185,750	119,720,000,000
2016	2,212,511	121,180,000,000
2017	2,239,272	122,640,000,000
2018	2,266,033	124,100,000,000
2019	2,292,794	125,560,000,000
2020	2,319,555	127,020,000,000
2021	2,342,240	128,115,000,000
2022	2,364,925	129,575,000,000
2023	2,387,609	130,670,000,000
2024	2,410,294	132,130,000,000

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

1) Item B: Self-supplied water in gallons includes pumpage from each of the three surface water treatment facilities and groundwater wells.

2) Item C1: Comprised of the permitted rate for each surface water treatment facility and current groundwater permits.

3) Item C2: Totals taken from 2014 TCEQ inventory list. Does not include hyd. tanks.

4) Item C4: Recycle Backwash is estimated using an average daily flow for 2013 for each surface water treatment plant and percentages for recycled water provided by plant operators.

5) Item D1: Population Projections were interpolated from 10-year increments shown on page 2. Water demands are strictly retail demands (150 gpcd) and do not include wholesale customers.

### E. High Volume Customers

- List the annual water use, in gallons, for the five highest volume **RETAIL customers**. Select one of the following water use categories to describe the customer; choose Residential, Industrial, Commercial, Institutional, or Agricultural.

Retail Customer	Water Use Category*	Annual Water Use	Treated or Raw
Confidential	Commercial		Treated
Rhone-Poulenc Basic	Commercial	205,341,000	Treated
Dr. Pepper Bottling Company	Commercial	136,980,000	Treated
Maximus Coffee Group	Commercial	118,691,000	Treated
United States Gypsum	Commercial	106,171,000	Treated

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

- If applicable, list the annual water use for the five highest volume **WHOLESALE customers**. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
Equistar	Industrial	9,160,000,000	Raw
NHCRWA	Municipal	8,191,937,000	Treated
Shell Oil	Industrial	7,977,432,000	Raw
WHCRWA	Municipal	6,589,480,000	Treated
City of Pasadena	Municipal	6,738,196,000	Treated

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

### F. Utility Data Comment Section

Provide additional comments about utility data below.

- 1) Item E1: 5 largest retail customers are based upon the largest five year consumption averages  
 2) Item E2: 5 largest wholesale customers are based upon 2009-2013 average water use

## Section II: System Data

### A. Retail Connections

- List the active retail connections by major water use category.

Water Use Category*	Active Retail Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Residential – Single Family	408,252		408,252	84%
Residential – Multi-family (units)	14,968		14,968	3%
Industrial			0	0%
Commercial	65,151		65,151	13%
Institutional			0	0%
Agricultural			0	0%
<b>TOTAL</b>	488,371	0	488,371	

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

- List the net number of new retail connections by water use category for the previous five years.

Water Use Category*	Net Number of New Retail Connections				
	2009	2010	2011	2012	2013
Residential – Single Family	2,312	1,911	-19,749	6,937	997
Residential – Multi-family (units)	49	37	-3,722	412	258
Industrial	0	0	0	0	0
Commercial	1,195	1,386	-24,363	5,604	792
Institutional					0
Agricultural					
<b>TOTAL</b>	3,556	3,334	-47,834	12,953	2,047

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

## B. Accounting Data

For the previous five years, enter the number of gallons of RETAIL water provided in each major water use category.

Water Use Category*	Total Gallons of Retail Water				
	2009	2010	2011	2012	2013
Residential - Single Family	27,943,840,000	26,990,863,000	30,926,982,000	26,841,291,000	25,828,964,000
Residential – Multi-family	25,404,043,000	24,975,045,000	24,874,822,000	25,114,558,000	25,046,779,000
Industrial			0		
Commercial	33,373,154,000	32,774,362,000	34,222,713,000	32,944,398,000	33,171,253,000
Institutional	0	0	0	0	
Agricultural	0	0	0	0	
<b>TOTAL</b>	<b>86,721,037,000</b>	<b>84,740,270,000</b>	<b>90,024,517,000</b>	<b>84,900,247,000</b>	<b>84,046,996,000</b>

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

## C. Residential Water Use

For the previous five years, enter the residential GPCD for single family and multi-family units.

Water Use Category*	Residential GPCD				
	2009	2010	2011	2012	2013
Residential - Single Family	68	65	79	67	64
Residential – Multi-family	52	52	51	51	51

## D. Annual and Seasonal Water Use

1. For the previous five years, enter the gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Retail Water				
	2009	2010	2011	2012	2013
January	6,573,889,000	6,815,680,000	6,642,039,000	6,458,791,000	6,486,442,000
February	6,431,074,000	5,781,350,000	5,956,173,000	6,051,779,000	6,091,924,000
March	6,894,791,000	6,599,297,000	5,913,082,000	5,963,343,000	5,944,987,000
April	5,917,972,000	6,291,046,000	6,943,171,000	6,577,492,000	6,651,255,000
May	6,288,192,000	6,922,663,000	8,157,577,000	7,030,330,000	6,856,435,000
June	7,375,690,000	8,179,846,000	8,928,349,000	8,118,206,000	7,585,950,000
July	9,535,084,000	7,162,845,000	8,380,826,000	7,657,558,000	8,002,308,000
August	8,613,536,000	7,912,947,000	9,086,579,000	7,817,419,000	8,013,680,000
September	8,153,184,000	8,089,027,000	9,015,828,000	8,027,632,000	8,288,128,000
October	7,288,396,000	7,260,478,000	7,989,353,000	7,197,311,000	7,096,119,000
November	6,818,019,000	7,313,942,000	7,145,639,000	6,984,877,000	6,563,308,000
December	6,831,210,000	6,611,149,000	6,782,412,000	7,015,509,000	6,466,460,000
<b>TOTAL</b>	<b>86,721,037,000</b>	<b>84,940,270,000</b>	<b>90,941,028,000</b>	<b>84,900,247,000</b>	<b>84,046,996,000</b>

2. For the previous five years, enter the gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Retail Water				
	2009	2010	2011	2012	2013
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2009	2010	2011	2012	2013	
Summer Retail (Treated + Raw)	25,524,310,00	23,255,638,00	26,395,754,00	23,593,183,00	23,601,938,00	24,474,164,600 5yr Average
TOTAL Retail (Treated + Raw)	86,721,037,00	84,940,270,00	90,941,028,00	84,900,247,00	84,046,996,00	86,309,915,600 5yr Average

**E. Water Loss**

Provide Water Loss data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2009	17,040,300,000	23	12%
2010	13,349,609,000	17	9%
2011	27,857,441,036	36	15%
2012	25,899,177,000	33	16%
2013	26,948,330,000	34	16%
<b>5-year average</b>	22,218,971,407	29	14%

**F. Peak Water Use**

Provide the Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2009	398	535	1.34
2010	410	505	1.23
2011	495	672	1.36
2012	447	554	1.24
2013	457	581	1.27

**G. Summary of Historic Water Use**

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	27,706,388,000	84%	0%
Residential MF	25,083,049,400	3%	0%
Industrial	0	0%	0%
Commercial	33,297,176,000	13%	0%
Institutional	0	0%	0%
Agricultural	0	0%	0%

**H. System Data Comment Section**

Provide additional comments about system data below.

1) Item C: Single Family homes were estimate to have 2.69 persons per connection as stated in 2088-201 Census data.  
 2) Item E: This water loss is based upon that submitted in the Water Loss Surveys. This value includes evaporative losses from open channel flow whereas a majority of the included numbers are solely treated water values.

## Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

### A. Wastewater System Data (Attach a description of your wastewater system.)

1. Design capacity of wastewater treatment plant(s): 564,813,000  
gallons per day.
2. List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal		403,823	403,823	92%
Industrial		143	143	0%
Commercial		35,331	35,331	8%
Institutional			0	0%
Agricultural			0	0%
<b>TOTAL</b>	0	439,297	439,297	

2. What percent of water is serviced by the wastewater system? 100%
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2009	2010	2011	2012	2013
January	6,372,761,000	7,276,398,000	7,828,930,000	6,917,851,000	6,500,419,000
February	5,972,917,000	7,864,189,000	5,794,083,000	8,472,526,000	5,473,652,000
March	7,041,643,000	7,131,150,000	6,054,174,000	8,803,444,000	5,668,971,000
April	9,125,673,000	6,507,066,990	5,733,403,000	6,518,185,000	6,834,143,000
May	6,762,458,000	7,033,216,000	5,785,794,000	6,972,268,000	6,781,259,000
June	6,206,123,000	7,122,962,000	5,763,376,000	6,268,461,000	6,243,470,000
July	6,756,221,000	10,416,386,000	5,910,319,000	8,557,814,000	6,665,528,000
August	6,649,940,000	6,561,450,000	5,748,625,000	6,670,852,000	6,645,197,000
September	6,472,798,000	7,162,829,000	5,748,804,000	6,285,126,000	7,072,036,000
October	9,491,334,000	5,886,904,000	6,351,205,000	5,777,841,000	8,109,924,000
November	6,471,768,000	6,542,641,000	5,511,525,000	5,491,785,000	7,301,809,000
December	8,698,262,000	6,708,729,000	5,258,221,000	5,908,974,000	6,544,466,000
<b>TOTAL</b>	86,021,898,000	86,213,920,990	71,488,459,000	82,645,127,000	79,840,874,000

4. Can treated wastewater be substituted for potable water?

Yes       No

**B. Reuse Data**

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other	
<b>TOTAL</b>	<b>0</b>

**C. Wastewater System Data Comment**

Provide additional comments about wastewater system data below.

1) A1: Design capacity of wastewater treatment plants is based on TCEQ permitted ADF. Please see the attachment for individual plant capacities.

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

## UTILITY PROFILE FOR WHOLESALE WATER SUPPLIER

Fill out this form as completely as possible.  
If a field does not apply to your entity, leave it blank.

### CONTACT INFORMATION

Name of Utility: City of Houston

Public Water Supply Identification Number (PWS ID): 1010013

Certificate of Convenience and Necessity (CCN) Number: 99144

Surface Water Right ID Number: 4261,4277,4963,4965,5807,5808,5827,2925,5762,5826

Wastewater ID Number: See Attached

Completed By: Shannon K. Smith Title: Engineer

Address: 611 Walker 18th Fl. City: Houston Zip Code: 77002

Email: shannon.smith@houstontx.gov Telephone Number: 832-395-3097

Date: 3/31/2014

Regional Water Planning Group: H [Map](#)

Groundwater Conservation District: HGSD [Map](#)

Check all that apply:

- Received financial assistance of \$500,000 or more from TWDB
- Have a surface water right with TCEQ

## Section I: Utility Data

### A. Population and Service Area Data

1. Current service area size in square miles: \_\_\_\_\_ 1,536  
 (Attach or email a copy of the service area map.)
  
2. Provide projected and historical service area population below.

Year	Historical Population Served By Wholesale Water Service		Year	Projected Population Served By Wholesale Water Service
2009	2,008,811		2020	2,600,721
2010	2,029,102		2030	2,813,387
2011	2,086,264		2040	2,953,541
2012	2,143,426		2050	3,075,619
2013	2,200,588		2060	3,187,275

4. Describe the source(s)/method(s) for estimating current and projected populations.

1) Populations were estimated using TWDB Region H data

**B. System Input**

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Total System Input	Total gal/day
2009	145,338,834,000	0	145,338,834,000	398,188,586
2010	149,611,309,000	0	149,611,309,000	409,893,997
2011	180,776,752,000	0	180,776,752,000	495,278,773
2012	163,764,008,000	0	163,764,008,000	448,668,515
2013	166,965,113,000	0	166,965,113,000	457,438,666
<b>Historic 5-year Average</b>	161,291,203,200	0	161,291,203,200	441,893,707

**C. Water Supply System (Attach description of water system)**

1. Designed daily capacity of system 745,000,000 gallons per day.
2. Storage Capacity:
  - Elevated 17,400,000 gallons
  - Ground 195,700,000 gallons
3. List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
Lake Houston	Surface	59,337,467,100
Lake Conroe	Surface	21,723,508,607
San Jacinto River	Surface	13,034,040,000
Mult. Bayous	Surface	137,007,963,162
Lake Livingston	Surface	294,178,282,800
Groundwater	Ground	41,851,000,000

\*Select one of the following source types: *Surface water, Groundwater, or Contract*

4. If surface water is a source type, do you recycle backwash to the head of the plant?
  - Yes 15,250,000 estimated gallons per day
  - No

**D. Projected Demands**

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)
2015	4,500,662	134,978,472,956
2016	4,584,854	136,695,004,166
2017	4,668,507	138,411,535,376
2018	4,752,430	140,128,066,586
2019	4,836,353	141,844,597,796
2020	4,920,276	143,561,129,006
2021	4,964,228	144,885,711,702
2022	5,008,179	146,210,294,398
2023	5,052,130	147,534,877,094
2024	5,096,081	148,859,459,789

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

1) Item D1 - Population projections include retail and wholesale customers. Water demands also includes retail and treated wholesale demands, but does not include raw water customer projections.

**E. High Volume Customers**

1. If applicable, list the annual water use for the five highest volume customers. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Customer	Water Use Category*	Annual Water Use	Treated or Raw
Equistar	Industrial	9,160,000,000	Raw
NHCRWA	Municipal	8,191,937,000	Treated
Shell Oil	Industrial	7,977,432,000	Raw
WHCRWA	Municipal	6,589,480,000	Treated
City of Pasadena	Municipal	6,738,196,000	Treated

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

**F. Utility Data Comment Section**

Provide additional comments about utility data below.

1) Item E1 are the 5 largest wholesale customers and are based upon a 5-year average for 2009-2013

## Section II: System Data

### A. Wholesale Connections

- List the active wholesale connections by major water use category.

Water Use Category*	Active Wholesale Connections		
	Metered	Unmetered	Total Connections
Municipal	64		64
Industrial	103		103
Commercial			0
Institutional			0
Agricultural			0
<b>TOTAL</b>	167	0	167

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

- List the net number of new wholesale connections by water use category for the previous five years.

Water Use Category*	Net Number of New Wholesale Connections				
	2009	2010	2011	2012	2013
Municipal	0	4	4	-2	0
Industrial	11	-21	7	2	1
Commercial					
Institutional					
Agricultural					
<b>TOTAL</b>	11	-17	11	0	1

\*For definitions on recommended customer categories for classifying customer water use, refer to the [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

### B. Wholesale Water Accounting Data - Water Use Categories

For the previous five years, enter the number of gallons of WHOLESale water exported (*sold or transferred*) to each major water use category.

Customer Category*	Total Gallons of Wholesale Water				
	2009	2010	2011	2012	2013
Municipal	52,601,904,000	51,223,875,000	60,082,593,000	54,569,318,000	64,518,284,000
Industrial	68,341,011,000	71,081,300,000	72,478,123,000	70,270,990,000	69,723,979,000
Commercial	1,485,580,000	1,294,850,000	1,279,170,000	1,155,785,000	1,113,830,000
Institutional					
Agricultural					
<b>TOTAL</b>	122,428,495,000	123,600,025,000	133,839,886,000	125,996,093,000	135,356,093,000

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

**C. Wholesale Water Accounting Data - Annual and Seasonal Use**

For the previous five years, enter the number of gallons exported (*sold or transferred*) to WHOLESAL customer.

Month	Total Gallons of Treated Water				
	2009	2010	2011	2012	2013
January	2,424,564,000	2,452,062,000	2,129,574,000	3,514,926,000	3,642,062,000
February	2,182,710,000	2,321,643,000	3,765,047,000	2,809,860,000	3,304,747,000
March	2,541,623,000	2,583,959,000	3,861,136,000	3,477,637,000	4,341,021,000
April	2,713,398,000	3,203,702,000	4,708,885,000	4,017,406,000	4,049,978,000
May	2,896,325,000	3,887,454,000	5,297,692,000	4,894,740,000	4,808,643,000
June	3,516,460,000	3,715,579,000	5,365,421,000	5,040,144,000	4,219,098,000
July	3,436,504,000	3,687,541,000	5,415,742,000	4,246,725,000	5,393,626,000
August	3,349,490,000	4,428,719,000	5,625,325,000	4,971,450,000	5,507,434,000
September	2,981,363,000	3,810,576,000	5,310,216,000	4,525,503,000	10,822,130,000
October	2,560,639,000	4,489,895,000	4,618,897,000	4,571,712,000	4,652,108,000
November	2,383,731,000	3,363,639,000	4,426,529,000	4,427,173,000	4,024,874,000
December	2,324,744,000	3,486,426,000	3,648,059,000	3,921,020,000	3,929,835,000
<b>TOTAL</b>	<b>33,311,551,000</b>	<b>41,431,195,000</b>	<b>54,172,523,000</b>	<b>56,714,923,000</b>	<b>58,695,556,000</b>

Month	Total Gallons of Raw Water				
	2009	2010	2011	2012	2013
January	6,864,971,000	7,232,350,000	6,004,969,000	6,389,056,000	5,933,216,000
February	6,578,713,000	7,273,758,000	6,043,378,000	5,890,456,000	5,277,191,000
March	7,254,762,000	7,273,920,000	5,977,554,000	6,257,306,000	6,255,657,000
April	6,706,537,000	7,483,936,000	6,258,971,000	5,790,879,000	5,776,719,000
May	7,525,806,000	6,862,547,000	6,426,797,000	6,799,746,000	6,696,801,000
June	8,449,606,000	6,854,779,000	6,857,442,000	6,906,280,000	6,644,062,000
July	8,907,736,000	6,876,220,000	7,665,829,000	6,760,433,000	7,064,003,000
August	8,617,568,000	7,296,258,000	7,866,249,000	6,805,209,000	7,327,564,000
September	7,563,727,000	6,591,456,000	7,451,502,000	6,046,954,000	6,842,303,000
October	7,185,019,000	6,548,474,000	6,657,773,000	6,111,675,000	6,534,347,000
November	6,861,461,000	5,805,102,000	6,108,889,000	5,855,676,000	6,182,106,000
December	6,601,038,000	6,070,029,000	6,348,011,000	5,964,127,000	6,126,569,000
<b>TOTAL</b>	<b>89,116,944,000</b>	<b>82,168,829,000</b>	<b>79,667,364,000</b>	<b>75,577,797,000</b>	<b>76,660,538,000</b>

WHOLESALE	2009	2010	2011	2012	2013	Average in Gallons
Summer Wholesale (Treated + Raw)	36,277,364,000	32,859,096	38,796,008,000	34,730,241,000	36,155,787,000	35,763,699,200 5yr Average
TOTAL Wholesale (Treated + Raw)	122,428,495,000	123,600,020	133,839,887,000	132,292,720,000	135,356,090,000	129,503,444,000 5yr Average

**D. Water Loss**

Provide Water Loss Data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss per day	Water Loss as a Percentage
2009	17,040,300,000	23	12%
2010	13,349,609,000	18	9%
2011	27,857,441,036	37	15%
2012	25,899,177,000	33	16%
2013	26,948,330,000	34	16%
<b>5-year average</b>	<b>22,218,971,407</b>	<b>29</b>	<b>14%</b>

**E. Peak Day Use**

Provide the Average Daily Use and Peak Day Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (Peak/Avg)
2009	398	535	1.34
2010	410	505	1.23
2011	495	672	1.36
2012	447	554	1.24
2013	457	581	1.27

**F. Summary of Historic Water Use**

Water Use Category	Historic 5-year Average	Percent of Water Use
Municipal	56,599,194,800	44%
Industrial	70,379,080,600	54%
Commercial	1,265,843,000	1%
Institutional	0	0%
Agricultural	0	0%

**G. Wholesale System Data Comment Section**

Provide additional comments about wholesale system data below.

- 1) Item E is based upon treated water reports and does not include raw water customers
- 2) Item D - Water Loss is the Total Loss submitted in the TWDB Water Loss Audit

## Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

### A. Wastewater System Data (Attach a description of your wastewater system)

1. Design capacity of wastewater treatment plant(s): 564,813,000  
gallons per day.
2. List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal		403,823	403,823	92%
Industrial		143	143	0%
Commercial		35,331	35,331	8%
Institutional			0	0%
Agricultural			0	0%
<b>TOTAL</b>	0	439,297	439,297	

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. What percent of water is serviced by the wastewater system? 100%
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Water				
	2009	2010	2011	2012	2013
January	6,372,761,000	7,276,398,000	7,828,930,000	6,917,851,000	6,500,419,000
February	5,972,917,000	7,864,189,000	5,794,083,000	8,472,526,000	5,473,652,000
March	7,041,643,000	7,131,150,000	6,054,174,000	8,803,444,000	5,668,971,000
April	9,125,673,000	6,507,066,990	5,733,403,000	6,518,185,000	6,834,143,000
May	6,762,458,000	7,033,216,000	5,785,794,000	6,972,268,000	6,781,259,000
June	6,206,123,000	7,122,962,000	5,763,376,000	6,268,461,000	6,243,470,000
July	6,756,221,000	10,416,386,000	5,910,319,000	8,557,814,000	6,665,528,000
August	6,649,940,000	6,561,450,000	5,748,625,000	6,670,852,000	6,645,197,000
September	6,472,798,000	7,162,829,000	5,748,804,000	6,285,126,000	7,072,036,000
October	9,491,334,000	5,886,904,000	6,351,205,000	5,777,841,000	8,109,924,000
November	6,471,768,000	6,452,641,000	5,511,525,000	5,491,785,000	7,301,809,000
December	8,698,262,000	6,708,729,000	5,258,221,000	5,908,974,000	6,544,466,000
<b>TOTAL</b>	86,021,898,000	86,123,920,990	71,488,459,000	82,645,127,000	79,840,874,000

4. Could treated wastewater be substituted for potable water?  
 Yes  No

**B. Reuse Data**

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other	
<b>TOTAL</b>	<b>0</b>

**C. Wastewater System Data Comment**

Provide additional comments about wastewater system data below.

1) A1: Design capacity of wastewater treatment plants is based upon TCEQ permitted ADF. Please see the attachment for individual design capacities.

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

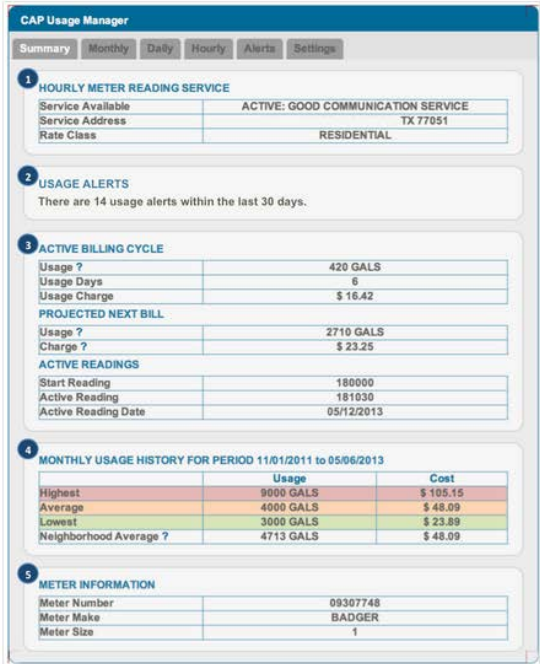
## Appendix B.

# Consumption Awareness Program Dashboard Features

### Features of Usage Calculator:

- **USAGE SUMMARY** - provides you with a dashboard of information about your water usage including reading status, actual usage, project usage for next bill, and usage comparison information.
- **MONTHLY USAGE HISTORY** - provides you with a chart and table of monthly usage and billed history for up to the past 18 months. This information is useful for reviewing your usage and charge trends across seasons as well as from month to month.
- **DAILY USAGE HISTORY** - provides you with up to 90 days of daily usage history useful for comparing usage by day of week or from week to week. The daily usage is also a good tool for quickly identifying when unexpected high usage began.
- **HOURLY USAGE HISTORY** - provides you with hourly usage for any selected day up to the past 90 days. This tool is helpful for associating usage to specific events in your home or business (i.e., irrigation use, bathroom use, appliance use, etc.).
- **USAGE ALERT HISTORY** - provides you with a history of usage alert notifications sent for your account.
- **USAGE ALERT SETTINGS** - provides you with options for custom daily, monthly, and leak threshold alert settings that can be delivered to your mobile phone as a text or app notification, email, or phone call.

### USAGE SUMMARY



**CAP Usage Manager**

Summary | Monthly | Daily | Hourly | Alerts | Settings

**1 HOURLY METER READING SERVICE**

Service Available	ACTIVE: GOOD COMMUNICATION SERVICE
Service Address	TX 77051
Rate Class	RESIDENTIAL

**2 USAGE ALERTS**

There are 14 usage alerts within the last 30 days.

**3 ACTIVE BILLING CYCLE**

Usage ?	420 GALS
Usage Days	6
Usage Charge	\$ 16.42

**PROJECTED NEXT BILL**

Usage ?	2710 GALS
Charge ?	\$ 23.25

**ACTIVE READINGS**

Start Reading	180000
Active Reading	181030
Active Reading Date	05/12/2013

**4 MONTHLY USAGE HISTORY FOR PERIOD 11/01/2011 to 05/06/2013**

	Usage	Cost
Highest	9000 GALS	\$ 105.15
Average	4000 GALS	\$ 48.09
Lowest	3000 GALS	\$ 23.89
Neighborhood Average ?	4713 GALS	\$ 48.09

**5 METER INFORMATION**

Meter Number	09307748
Meter Make	BADGER
Meter Size	1

**1 HOURLY METER READING SERVICE** provides you with the current status of the hourly meter reading service, the service address of the account, and the rate class assigned to the account. See [Hourly Reading Communication](#) Status for more information on your status, possible reasons, and possible corrective actions.

**2 USAGE ALERTS** provides you with a summary count of the number of usage alert notifications that have been triggered for the account in the past 30 days.

**3 ACTIVE BILLING CYCLE USAGE** reports your actual water usage since your last billed reading (i.e., current billing cycle or usage for your next bill). The information includes the usage in gallons, the days of usage, and the approximate charge for this usage.

Note that the usage includes unbilled usage from the previous cycle and actual usage for the usage days as of the last meter reading. You can view the last meter reading date and time by logging on to your account.

**PROJECTED NEXT BILL** estimates what your bill could be if the current pattern of usage continues. The projection is based on actual usage plus an estimated daily usage over the remaining days in the billing month.

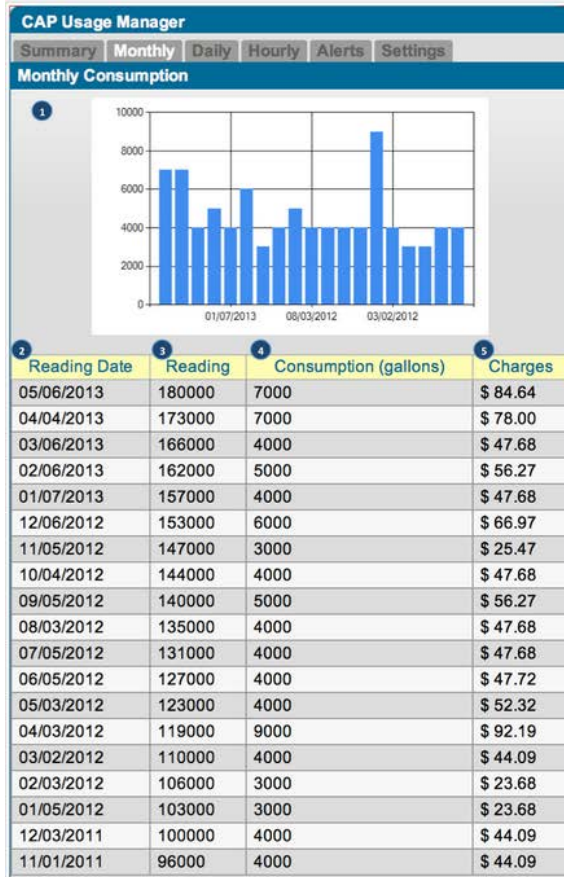
If you have an unexpected high projection, you can take action to avoid this charge if you are early in the cycle. If not, you can still take action to avoid these charges on your future bills.

**4 USAGE HISTORY FOR PERIOD** provides you with a basis for comparing your usage to your past usage history to determine if it is normal or unusually high. Your average usage over the past 18-months shows you what's normal, the highest usage could reflect a month when you had a leak, and the lowest usage could reflect a month when you were away from home.

Neighborhood Average provides you with a basis for comparing your usage to homes in your surrounding area. The average is based on active single family residential customers with meter sizes of 1-inch or smaller. The number of homes included in the average is reported below the comparison table.

**5 METER INFORMATION** provides you with useful information that can help when investigating possible meter reading issues.

## MONTHLY USAGE HISTORY



**1 MONTHLY USAGE HISTOGRAM CHART** provides you with graphical representation of the distribution usage by month.

**2 READING DATE** provides you with meter reading date that was used for the corresponding billing period. You can click the column heading title to sort the table. Click twice to reverse the order.

**3 READING** provides you with the meter reading (in thousands of gallons) recorded on the specified reading date. Your usage is charged in thousands of gallons and any usage in excess of a factor of one thousand will be charged in the next billing cycle.

You can click the column heading title to sort the table. Click twice to reverse the order.

**4 CONSUMPTION** provides you the billed usage for the corresponding billing month.

You can click the column heading title to sort the table. Click twice to reverse the order.

**5 CHARGES** provides you with the amount that was actually billed for corresponding billing month.

You can click the column heading title to sort the table. Click twice to reverse the order.

## USAGE ALERT SETTINGS

**Calculator** ⓘ

---

**Daily**

Turn On  Turn Off ⓘ

Current Daily Average  Gallons

Alert Threshold  Gallons

---

**Monthly**

Turn On  Turn Off ⓘ

Current Monthly Average  Gallons

Alert Threshold  Gallons

---

**Leak Alert (Continuous flow over 24 hours)**

Turn On  Turn Off ⓘ

---

**Notification Preference**

Method  ⓘ

Email

Cell Phone

Telephone

**CALCULATOR** provides you with a tool that can be used to determine what your daily and monthly water usage should be based on key factors impacting your household such as: the total number of people in your household, bathroom usage, number of loads typically washed or the frequency for yard watering, etc.

This tool will effectively estimate the expected daily, monthly and annual water consumption for your household and compare it to the average of similar households across the City of Houston.

**DAILY USAGE THRESHOLD SETTING** provides you with tool that monitors your daily water usage.

The Daily Alert feature includes the average daily consumption based on a rolling 12-month period. You can set the alert threshold by entering the consumption amount that you believe is unusually high for a given day. Review your daily consumption history to help determine an effective high consumption threshold.

1. Click the 'Turn On' option to turn on the notification.
2. Review the daily average for the past 12 months.
3. Select a usage alert threshold based on your desired notification needs.

- Set the threshold at twice your average if you want to be notified of unusually high usage or...
- Set the threshold to 10 if you have a vacant property where you want to be notified of any use.

**MONTHLY USAGE THRESHOLD SETTING** provides you with a tool that can be used to notify you when your projected month charge exceeds your monthly budget threshold.

The Monthly Alert feature includes the average monthly consumption based on a rolling 12-month period. You can set the alert threshold by entering the consumption amount that you believe is unusually high for a given month. Review your daily consumption history to help determine an effective high consumption threshold.

**LEAK ALERT SETTING** provides you with a tool that detects a continuous flow of water through your meter for 1 to 7 days (depending on meter type). This scenario typically indicates a leak for residential single family accounts but may not be an effective indicator for multi-family or commercial accounts.

**Notification Preference** allows you to choose a preferred method of notification (i.e., text, mobile app, email, or phone).

**Appendix C.**  
**City of Houston Water and Sewer Rates**

**2014 WATER & SEWER RATES**

*Rate increase effective date April 1, 2014*

City of Houston Ordinance 2010-305 requires the Combined Utility System (CUS) to implement an annual rate adjustment to be effective April 1st of each year. The required water and wastewater rate adjustment under this ordinance for April 1, 2014 is 1.2%. This rate adjustment is based on Producer Price Index.

This annual rate adjustment is intended to help cover cost increases that impact the provision of safe, clean drinking water and the collection and treatment of wastewater. This includes operational costs as well as the costs involved in the repair and replacement of portions of the System's aging infrastructure. The bill you will receive in May will reflect a full month of the rate adjustment.

The new rate tables will be posted on the City's updated website [www.houstonwater.org](http://www.houstonwater.org).

**Effective date April 1, 2014**

The basic service charge for both water and sewer is affected by the water meter size. For all classes that include sewer, the water consumption is used to determine the appropriate sewer consumption charge.

**Single-Family Residential – TU 01, 02, & 03:**

The basic charge for each meter size is listed below. For simplicity, this table adds volume and base charges together for 1,000 to 6,000 gallons. From 7,000 to 12,000 gallons the rate is \$4.72 per 1,000 gallons, regardless of meter size. Starting at 13,000 gallons, the rate is \$7.78 per 1,000 gallons.

<b>Water Rates</b>				
	<b>5/8 or 3/4" meters</b>	<b>1 inch meter</b>	<b>1.5 inch meter</b>	<b>2 or 3 inch meter</b>
<b>Basic charge, per meter size</b>	\$ 4.79	\$ 5.93	\$ 8.98	\$10.57
The numbers below this line include both Base and Volume charges				
<b>1,000 gallons</b>	\$ 4.92	\$ 6.06	\$ 9.11	\$10.70
<b>2,000 gallons</b>	\$11.21	\$12.35	\$15.41	\$17.00
<b>3,000 gallons</b>	\$11.59	\$12.72	\$15.78	\$17.37
<b>4,000 gallons</b>	\$21.92	\$23.06	\$26.11	\$27.71
<b>5,000 gallons</b>	\$26.27	\$27.41	\$30.47	\$32.06
<b>6,000 gallons</b>	\$30.62	\$31.76	\$34.82	\$36.41
<b>7,000 to 12,000 gallons</b>	The total charge for 6,000 gallons + \$4.72 per 1,000 gallons			
<b>Over 12,000 gallons</b>	The total charge for 12,000 gallons + \$7.78 per 1,000 gallons			

<b>Sewer Rates</b>					
	<b>5/8 or 3/4" meters</b>	<b>1 inch meter</b>	<b>1.5 inch meter</b>	<b>2 inch meter</b>	<b>3 inch meter</b>
<b>Basic charge, per meter size</b>	\$10.17	\$10.69	\$12.39	\$12.91	\$23.12
The numbers below this line include both Base and Volume charges					
<b>1,000 gallons</b>	\$10.33	\$10.85	\$12.55	\$13.07	\$23.28
<b>2,000 gallons</b>	\$10.67	\$11.19	\$12.89	\$13.40	\$23.62
<b>3,000 gallons</b>	\$10.94	\$11.46	\$13.16	\$13.68	\$23.89
<b>4,000 gallons</b>	\$25.10	\$25.62	\$27.32	\$27.84	\$38.05
<b>5,000 gallons</b>	\$30.21	\$30.73	\$32.43	\$32.95	\$43.16
<b>6,000 gallons</b>	\$37.65	\$38.17	\$39.87	\$40.39	\$50.60
<b>Over 6,000 gallons</b>	The total charge for 6,000 gallons + \$7.44 per 1,000 gallons				

**EXAMPLES OF RESIDENTIAL BILLINGS:**

**1,000 gallons,     \$ 4.92 Water**  
**5/8" meter        \$ 10.33 Sewer**  
**\$ 15.25 Total/Month**

**7,000 gallons,     \$ 35.34 Water**  
**5/8" meter        \$ 45.09 Sewer**  
**\$ 80.43 Total/Month**

**14,000 gallons,   \$ 74.50 Water**  
**5/8" meter        \$ 97.17 Sewer**  
**\$ 171.67 Total/Month**

Water Charges	Sewer Charges
\$30.62 for 6,000 gallons plus 1,000 gallons at \$4.72 = \$35.34	\$37.65 for 6,000 gallons plus 1,000 gallons at \$7.44 = \$45.09
\$30.62 for 6,000 gallons plus 6,000 gallons at \$4.72 plus 2,000 gallons at \$7.78 = \$74.50	\$37.65 for 6,000 gallons plus 8,000 gallons at \$7.44 = \$97.17

**Multi-Family – TU 14-19:**

- 14 (duplex – 2 units)
- 15 (tri-plex – 3 units)
- 16 (quad-plex – 4 units)
- 17 (master-metered townhomes – any number of units)
- 18 (apartments — 5+ units)
- 19 (trailer parks)

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$4.97	\$8.75
	¾	\$5.13	\$8.75
	1	\$6.16	\$9.19
	1.5	\$9.33	\$10.66
	2	\$10.99	\$11.10
	3	\$29.09	\$19.88
	4	\$39.65	\$22.52
	6	\$67.96	\$32.19
	8	\$177.44	\$78.17
	10	\$177.44	\$95.02
Volume Charge	All	+ \$3.82 per 1,000 gallons	+ \$5.56 per 1,000 gallons

### Commercial – TU 21-60:

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter Size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 4.97	\$8.75
	3/4	\$ 5.13	\$8.75
	1	\$ 6.16	\$9.19
	1.5	\$ 9.33	\$10.66
	2	\$ 10.99	\$11.10
	3	\$ 29.09	\$19.88
	4	\$ 39.65	\$22.52
	6	\$ 67.96	\$32.19
	8	\$ 177.44	\$78.17
	10	\$ 177.44	\$95.02
Volume Charge	All	+ \$3.92 per 1,000 gallons	+ \$5.56 per 1,000 gallons

### Industrial, No Surcharge – (WSC 6) TU 21-60, 61, 62:

Industrial rates include a monthly basic charge and volume charges for both water and sewer. No consumption is included with the basic charge for water or sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 4.97	\$14.79
	3/4	\$ 5.13	\$14.79
	1	\$ 6.16	\$14.79
	1.5	\$ 9.33	\$14.79
	2	\$ 10.99	\$14.79
	3	\$ 29.09	\$19.71
	4	\$ 39.65	\$22.52
	6	\$ 67.96	\$32.19
	8	\$ 177.44	\$78.17
		10+	\$ 177.44
Volume Charge	All	+ \$3.92 per 1,000 gallons	Up to 2,000 gallons at \$3.42 per 1,000 gallons All over 2,000 gallons \$6.84 + \$6.09 per 1,000 gallons.

## Transient Meters – TU 71:

These accounts have rental fees, base charges and consumption charges.

Rate	Basic Water Charge		
	1"	2"	3"
Basic Charge/Rental Fee (0 consumption)	\$16.59	\$22.13	\$27.66
Volume Charges	+\$4.40 per 1,000 gallons		

Please refer questions to Rockette Simpson at 713-371-1355 or fax to 713-371-1349.

## Lawn/Outdoor Meters – TU 72:

No consumption is included with the basic charge. Volume charges are applied to all usage, but there are two rate tiers. The “defined quantity” marks the point where the tier changes, which is different for each meter size. Volume up to the defined quantity are charged at the lower rate tier; volume in excess of the defined quantity are charged at the higher rate tier.

Rate	Meter Size (Inches)	Basic Water Charge	Defined Quantity (First Tier of Volume Charges)
Basic Rate, per meter size, (plus first tier of volume charges)	5/8	\$ 24.76	None – all consumption at 2 <sup>nd</sup> tier
	3/4	\$ 24.76	None – all consumption at 2 <sup>nd</sup> tier
	1	\$ 27.76	None – all consumption at 2 <sup>nd</sup> tier
	1.5	\$ 73.70	Up to 10,000: + \$2.88 per 1,000 gallons
	2	\$ 113.92	Up to 16,000: + \$2.88 per 1,000 gallons
	3	\$ 247.32	Up to 35,000: + \$2.88 per 1,000 gallons
	4	\$ 418.71	Up to 60,000: + \$2.88 per 1,000 gallons
	6	\$ 862.27	Up to 125,000: + \$2.88 per 1,000 gallons
	8	\$ 1,246.94	Up to 180,000: + \$2.88 per 1,000 gallons
	10	\$ 1,246.94	Up to 180,000: + \$2.88 per 1,000 gallons
<b>Volume Charges Second Tier (All meter sizes)</b>	All consumption over defined quantity: + \$6.63 per 1,000 gallons		

Customers may choose to close these accounts in winter, subject to the usual \$5.00 fee for re-opening them. This will avoid monthly basic charges if there is no consumption. Customers will remain responsible for all charges in any month water passes through the meter, even if the account is closed.

### EXAMPLES OF LAWN BILLING:

5/8" Meter w/2,000 gallons	1" Meter w/12,000 gallons	3" meter w 60,000 gallons	6" meter w 60,000 gallons
Basic: 24.76	Basic: \$27.76	Basic: \$247.32	Basic: \$862.27
2nd tier: 2*6.63 <u>\$13.26</u>	2 <sup>nd</sup> tier: 12*6.63 <u>\$79.56</u>	1 <sup>st</sup> tier: 35*2.88 \$100.80	1 <sup>st</sup> tier: 60*2.88 <u>\$172.80</u>
		2 <sup>nd</sup> tier: 25*6.63 <u>\$165.75</u>	
TOTAL: \$38.02	TOTAL: \$107.32	TOTAL: \$513.87	TOTAL: \$1035.07

## Other Classes:

### Industrial w/Surcharge – (WSC 9) TU 21-60, 61, 62, 63:

Industrial rates include a monthly basic charge and volume charges for both water and sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters. These customers take their water from non-City of Houston sources and may choose to install a water meter of the type and standard approved by the department for the purpose of measuring the amount of water taken into such facilities. The water consumption indicated by such meter shall be the basis of determining the sewer charge. Rates are the same as if the water is from City of Houston source.

No consumption is included with the basic charge for water or sewer. While the basic charge for water and sewer is determined by meter size, the volume charge for sewer may vary based on the results of effluent testing.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 4.97	\$14.79
	3/4	\$ 5.13	\$14.79
	1	\$ 6.16	\$14.79
	1.5	\$ 9.33	\$14.79
	2	\$ 10.99	\$14.79
	3	\$ 29.09	\$19.71
	4	\$ 39.65	\$22.52
	6	\$ 67.96	\$32.19
	8	\$ 177.44	\$78.17
	10+	\$ 177.44	\$95.02
Volume Charge	All	+ \$3.92 per 1,000 gallons	See below

Additional surcharges for industrial sewer accounts are determined by application of a special formula to the results of effluent tests:

$$R = X + (BOD * 8.337 * Y/1000) + (SS * 8.337 * Z/1000)$$

Or R= Rate / TG as 47-122(b)(2)(b), whichever is greater

Where:

$X = \$4.09$  per 1000 gallons,  $R = 8.337$ ,  $Y = \$0.7049 / lb.$ ,  $Z = \$0.2782 / lb.$

$BOD =$  Five-day, 20 degrees Centigrade biochemical oxygen demand content of the waste delivered, in mg/l.

$SS =$  Suspended solids content of the waste delivered, in mg/l.

Any questions on how the surcharges are calculated, or regarding prohibited discharges, should be referred to the Wastewater Operations Branch by calling (832) 395-5800 or by emailing [clyde.smith@houstontx.gov](mailto:clyde.smith@houstontx.gov).

## Resale – TU 73:

These customers purchase water from the City of Houston for resale.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8	\$18.78
	3/4	\$18.78
	1	\$21.78
	1.5	\$53.74
	2	\$81.96
	3	\$177.42
	4	\$298.89
	6	\$612.62
8 and above	\$887.45	
Volume Charge (All meter sizes, all consumption)	\$4.71 per 1,000 gallons	

## Emergency Backup Service – TU 74:

The Contact Center at 713-371-1400 can answer routine questions about these accounts. To notify UCS of EBS use, fax the report to 832-395-5255.

Rate	Meter Size (Inches)	Basic Water Charge
Basic Charge, per meter size (0 consumption)	5/8,3/4	\$ 7.14
	1	\$ 10.15
	1.5	\$ 14.97
	2	\$ 19.93
	3	\$ 41.74
	4	\$ 66.27
	6	\$ 128.01
	8	\$ 189.63
10+	\$ 196.29	
Volume Charge (All meter sizes, all consumption)	\$7.28 per 1,000 gallons	

## Un-Metered Fire Line Charge – TU 21-60, 75:

Un-metered fire lines are charged a flat fee every month, under the provisions of City of Houston Ordinance §47-64. These lines must be equipped with backflow prevention assemblies.

<b>Corresponding size of the diameter of service line</b>	<b>Monthly Charge for Basic Service</b>
5/8 inch	\$ 13.02
3/4 inch	\$ 13.02
1.0 inch	\$ 13.02
1.5 inch	\$ 51.88
2.0 inch	\$ 76.52
3.0 inch	\$ 76.52
4.0 inch	\$ 76.52
6.0 inch	\$ 85.24
8.0 inch	\$ 145.50
10.0 inch	\$ 196.28

## Metered Fire Line Charge Only – TU 21-60:

These customers have their fire service isolated from the remainder of the water supply, and served through an independent meter. Normally they will have zero consumption, but a consumption charge applies if consumption occurs.

<b>Rate</b>	<b>Meter Size (Inches)</b>	<b>Basic Water Charge</b>
Basic Charge, per meter size (0 consumption)	5/8	\$ 4.97
	3/4	\$ 5.13
	1	\$ 6.16
	1.5	\$ 9.33
	2	\$ 10.99
	3	\$ 29.09
	4	\$ 39.65
	6	\$ 67.96
	8 and above	\$ 177.44
Volume Charge (All meter sizes, all consumption)	\$3.92 per 1,000 gallons	

## Un-Metered Sewer Only Customer – TU 81-82:

Special rates apply to sewer customers without City of Houston water or effluent meters. These are monthly rates, but will continue to be billed on a bi-monthly basis.

Class	Monthly Fee
Single Family Residential	\$25.10
Duplex	\$53.24
Multi-family (3+ units)	\$31.14 per single family unit
Commercial	\$58.76 per unit (defined in §47-1002)
Industrial	\$58.74 per unit (defined in §47-1002)

## Contract, Untreated and Reclaimed Water (TU 91):

Treated Water (TU 91) – contracted

R1=	/ TG	R2=	/ TG	N1=	/ TG	N2=	/ TG
\$2.722		\$3.322		\$0.675		\$0.675	
with airgap water: $p * R1 + (p-m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)							

Untreated Water (TU 91) – no contract

Consumption (/TG)	Per /TG
0 - 10,000	\$1.5590
11,000-20,000	\$1.4009
21,000-50,000	\$1.3212
51,000-150,000	\$1.2414
151,000 & up	\$1.2016

Reclaimed/ Untreated Water (TU 91) – contracted

Surcharge (S)	Quantity Charge (/TG)
R= \$0.6232 /TG	\$0.6232

If  $(P - M) > 10\% M$ ,  $S = P * R * 5\%$  (M; Max. Qty in contract)

If you have further questions on these accounts, contact Lynette Howe in Contract Water at (832) 395-5205.

## Contract Sewer:

These rates vary, based on whether the contracting district has participated in capital outlays.

If you have further questions on these accounts, contact Lynette Howe in Contract Water at (832) 395-5205.

## Agricultural and Rice Farmers (TU 91):

Agricultural - General

<b>Quantity Charge (/MG)</b>	<b>\$127.17</b>
------------------------------	-----------------

Agricultural - Rice

<b>First Watering (/MG or /Acre)</b>	<b>\$127.17</b>
<b>Additional Watering (/MG or /Acre)</b>	<b>\$23.13</b>

If you have further questions on these accounts, contact Lynette Howe in Contract Water at (832) 395-5205.

## Groundwater Reduction Plan (GRP) Participants:

GRP:  $R * P * Q$  where

- R is the base rate for contract treated water customer receiving water through airgap
- P is the percentage reduction for groundwater production required for GRP participant
- Q is the quantity of groundwater produced by the GRP participant during the month.

<b>R1=</b>	\$2.722	<b>/ TG</b>	<b>R2=</b>	\$3.322	<b>/ TG</b>	<b>N1=</b>	\$0.675	<b>/ TG</b>	<b>N2=</b>	\$0.675	<b>/ TG</b>
with airgap water: $p * R1 + (p-m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)											

If you have further questions on these accounts, contact Lance Tillman at (832) 395-2470.

*For additional reference, see chart on next page.*

## Fee Schedule

Name	Description	Statutory Authority	Amount	As Of
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from 1,000 to 10,000,000 gallons, per 1,000 gallons	47-84(d)(1)	\$1.5590	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 10,000,000 to 20,000,000 gallons, per 1,000 gallons (in addition to Volume Charge for the first increment of 10,000,000 gallons)	47-84(d)(2)	\$1.4009	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 20,000,000 to 50,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000,000 gallons and for the second increment of 10,000,000 gallons)	47-84(d)(3)	\$1.3212	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 50,000,000 to 150,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000,000 gallons, the second increment of 10,000,000 gallons and the third increment of 30,000,000 gallons)	47-84(d)(4)	\$1.2414	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume over 150,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first 10,000,000 gallons, the second increment of 10,000,000 gallons, the third increment of 30,000,000 gallons and the fourth increment of 100,000,000 gallons)	47-84(d)(5)	\$1.2016	4/1/2014
Water Rates	Contract Untreated Water sold in excess of contract amount, per 1,000 gallons	47-85	\$0.6232	4/1/2014
Water Rates	Contract Untreated Water for agricultural use, general agriculture, per 1,000,000 gallons	47-89(b)(1)	\$127.17	4/1/2014
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, rate for first watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000,000 gallons actually used)	47-89(b)(2)a	\$127.17	4/1/2014
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, Rate for each additional watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000,000 gallons actually used)	47-89(b)(2)b	\$23.13	4/1/2014

**Appendix D.**  
**Ordinance of Official Adoption of Water Conservation Plan**

DRAFT

**Appendix E.  
Letter to Region H**



**CITY OF HOUSTON**  
Public Works and Engineering Department

**Annise D. Parker**

Mayor

Dale A. Rudick, P.E.  
Director  
P.O. Box 1562  
Houston, Texas 77251-1562

[www.houstontx.gov](http://www.houstontx.gov)

September 4, 2014

Mr. Mark Evans  
Chair, Region H Water Planning Group  
3648 Cypress Creek Pkwy. #110  
Houston, TX 77068

**RE: 2014 Update of the Water Conservation Plan for the City of Houston**

Dear Mr. Evans:

Per enclosed, please find a copy of the 2014 update of the Water Conservation Plan for the City of Houston. This plan is an updated version of the plan submitted in 2009. In order to comply with 30 TAC Chapter 288, the City is required to notify Region H Water Planning Group of this update. A copy of this plan is also being provided to the Texas Water Development Board.

Respectfully,

Dale A. Rudick, P.E.  
Director

DAR:CEH:RB:tc

## **Appendix F.**

### **2013 Drought Contingency Plan**

The purpose of the Drought Contingency Plan is to establish policies and procedures for the City of Houston (City) to follow in case of a water shortage emergency. A water shortage emergency caused by drought or other uncontrollable circumstances which hinder the City of Houston's ability to meet water demand, can range from mild to critical and can disrupt the normal availability of water supplies. Therefore, it is important that the City establish this procedure so that guidelines exist in the event that a water shortage emergency occurs. The City of Houston Code Chapter 47, Article VII contains the policy regarding the actions the City will take in the event of a water shortage or emergency.

A copy of the plan is on file with both the Texas Water Development Board and the Texas Commission on Environmental Quality. A copy can also be found on the City of Houston's website at: <http://www.publicworks.houstontx.gov/utilities/dwsm.html>

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# Water Conservation Plan

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City of Houston

Effective September 2014 through May 2019



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## INTRODUCTION

The City of Houston Water Conservation Plan 2014 highlights water conservation goals and continuous progress that will preserve long-term water supplies for the City of Houston and the greater Houston region. Water supply planning is important to the City of Houston in order to meet long term growth in demand and to comply with 30 TAC Chapter 288 that requires the City to prepare and implement a water conservation plan that meets certain requirements. This plan includes information to fulfill these requirements in addition to information specific to the City of Houston's water supply and treatment system.

The current plan includes measures to be taken internally at the City of Houston as well as programs for water customers. These include current programs such as an in-house public education program, continued enforcement of water-wise building and plumbing codes and the Consumption Awareness Program designed to allow water customers to determine the most effective methods to maximize water-use efficiency inside and outside the home through communicating real-time meter data to household users. This document also summarizes plans to develop an internal Water Loss Program, pilot a Mainline Leak Detection Program and expand the Consumption Awareness Program.

### City of Houston Overview

The City of Houston's Department of Public Works and Engineering ensures that the citizens of the City of Houston receive high quality drinking water at sufficient pressure to meet their daily needs. As a regional drinking water provider, the City of Houston's water system is spread across a four-county area, making it one of the most complex water systems in the nation. PWE is also responsible for protecting our regional water supply, operating and maintaining three water purification plants, 92 ground water pumping stations and over 7,000 miles of distribution pipe.

By 2050, the wholesale and retail water customer population is expected be served by the City of Houston water system is 6.2 million. It is imperative that all citizens use water wisely to sustain our most important natural resource. Our first line of defense is an educated and informed community.

### Water Conservation Plan

The Texas Water Development Board (TWDB) and Texas Commission on Environmental Quality require all utilities that provide potable water service to 3,300 or more connections have a Water Conservation Plan that meets minimum requirements or explain why the requirement is not applicable per the requirements of 30 TAC Chapter 288. Additionally, the plan should not be older than five years. As the previous City of Houston Water Conservation Plan was prepared in 2009, this document is the required five year update.

The Texas Water Development Board defines a water conservation plan as "a strategy or combination of strategies for reducing the consumption of water, reducing the loss or waste of water, improving or maintaining

the efficiency in the use of water, or increasing recycling and reuse of water". The TWDB also emphasizes that water conservation is increasingly recognized as an integral part of water resource planning and management, stating that water conservation can play an important role in meeting current and future water supply, utility infrastructure, and environmental needs.

Additionally, the State Water Plan, the blueprint that details how Texas will address our state's growing water needs, calls for serious statewide conservation efforts, as fully a quarter of Texas' future water needs are planned to be met through conservation. Region H, the fast growing, mainly urbanized region in which Houston is located, has specific conservation goals articulated in the region's plan. This Region H Plan calls for 12 percent of future additional supplies to be met through municipal conservation efforts.

# REQUIRED WATER CONSERVATION PLAN CONTENT

## A. Evaluation of Customer Use Characteristics

*An evaluation of the Applicant’s water and wastewater system and customer use characteristics to identify water conservation opportunities and potential targets and goals. Completion of the Water Conservation Utility Profile, TWDB – 1965 as part of the evaluation is required and should be submitted with the Plan. The utility profile should include water sales and use for the following classifications; residential (both for single-family and multi-family), commercial, institutional, industrial, agricultural, and wholesale; as appropriate.*

See Appendix A for the City of Houston’s Retail and Wholesale Water Utility Profiles.

### *Overview of Usage<sup>1</sup>*

In 2013, The City of Houston produced a total of 163 billion gallons of treated, potable water. This averages to a production of 447 million gallons per day (MGD). Total authorized usage, both retail and wholesale to contract customers, totaled 140 billion gallons, an average of 384 MGD. A small portion, 4 billion gallons, was used for routine maintenance activities such as line flushing. Therefore, unaccounted for water in 2013 totaled 27 billion gallons or 23 percent of overall production.

### *Contract Customers*

As a regional water provider, the City of Houston has agreements with 274 contract customers to provide potable water. These contract customers include such entities as Municipal Utility Districts, cities, Regional Water Authorities and various industrial customers. In 2013, contract customers who acquired potable water from the City of Houston used a total of 52 billion gallons for an average of 142.5 million gallons per day (MDG)..

### *Retail Customers*

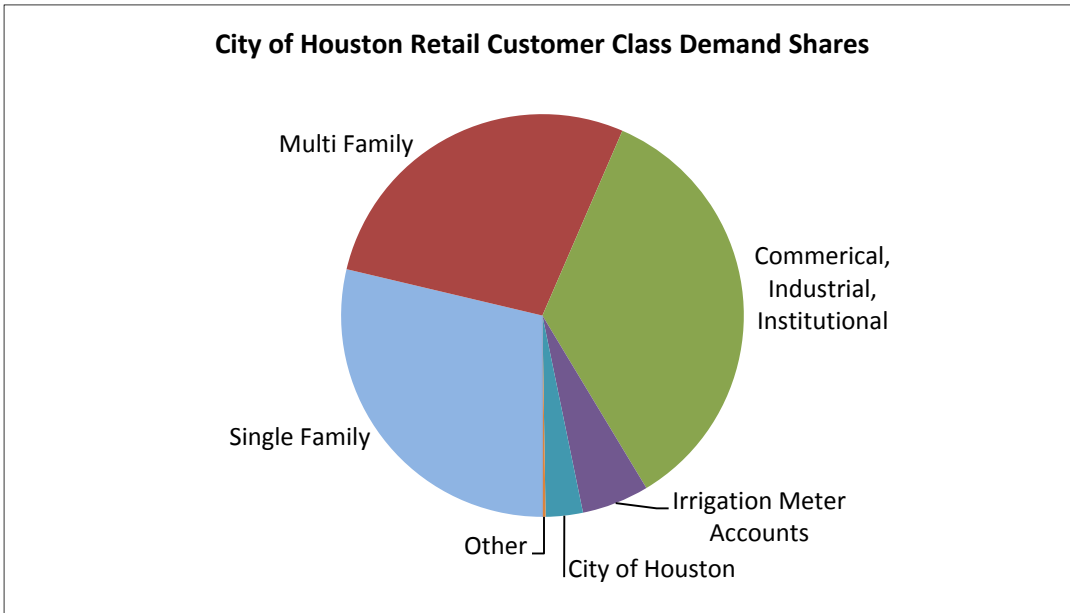
In 2013 usage for all retail customers, located within the City of Houston municipal boundaries, was 84 billion gallons for an average of 230 MGD. Retail usage is roughly divided in three equal parts between single-family, multi-family and commercial, industrial and institutional (CII) customer classes.

**Table 1. City of Houston Retail Customer Usage by Customer Class, 2012**

Customer Class	No. of Connections	Total Usage 2012 (billions)	Average MGD
CII	65,151	33	90
Single family	408,252	26	71
Multi Family	14,968	25	68.5
<b>TOTAL</b>	<b>488,371</b>	<b>84</b>	<b>229.5</b>

<sup>1</sup> All values in this section are consistent with the 2013 Water Conservation Plan Annual Report submitted to TWBD.

**Figure 1. City of Houston Retail Customer Demand Shares, 2012**



The 2013 GPCD for all retail customers is 144. This GPCD is based on pumpage volumes – all water that leaves the water treatment plants, including all lost and unaccounted for water. This gives us a more accurate description of the full performance of the system compared to previous GPCD calculations that only accounted for the water that went through a customer’s meter and was billed. However, it makes a comparison of this 5-year average to the previous 5-year average to appear to have increased GPCD. Evaluated separately, single-family residential customer usage for 2013 was 64 GPCD with a 5-year historic average of 68 GPCD. The previous 5-year average was 70.9. This confirms that, although the baseline GPCD for all customer types is higher than the previously used baseline of the 2009 due to more comprehensive accounting, as a trend our retail residential customers have been using a decreasing amount of water.

## **B. Five-year and Ten-year Water Savings Targets**

*Inclusion of five-year and ten-year targets that are specific and quantified for water savings and include goals for water loss programs in gallons per capita per day, and goals for municipal use and residential use, in gallons per capita per day. A base use figure should be included to be able to calculate your savings. Consider state and regional targets and goals, local climate, and demographics. Consider the anticipated savings that can be achieved by utilizing appropriate best management practices and other conservation techniques.*

Over the past thirty years, the City of Houston has averaged an annual rainfall of 49.77 inches.<sup>2</sup> The average was 48 inches for the 2004-2008 period. For the purpose of addressing water conservation, the City of Houston considers rainfall of this amount to be an ‘average’ year and anything above is considered a ‘wet’ year. In

<sup>2</sup> [http://www.srh.noaa.gov/hgx/?n=climate\\_iah\\_normals\\_summary](http://www.srh.noaa.gov/hgx/?n=climate_iah_normals_summary)

general, during a 'dry' year the City will receive 35 to 42 inches of rainfall. Less than 35 inches during the year would result in conditions that would be addressed through the Drought Contingency Plan and not the Water Conservation Plan. During the drought of 2011, the City of Houston still received 25 inches of rainfall and declared a Stage 2 water shortage due breaks in the system and not due to the volume of water in the lakes.

After analysis of historic water use data, dry years show a pattern of increased water use over that typically seen in an average or wet year. So as to address annual weather variability and usage fluctuations, the City of Houston has developed tiered water use reduction targets. The historic 5-year GPCD average has been determined the appropriate baseline for average or wet year (see Table 3). A GPCD baseline of approximately 6% higher has been selected for dry years so as to ensure the City of Houston can reliably meet basic customer needs and essential fire protection even when discretionary use is high (see Table 4).

This plan uses 1.6% reduction target for total and residential GPCD as it is consistent with the water use reduction target adopted by Region H. A focused effort is being made by the City of Houston to reduce lost and unaccounted for water with an overall goal of reducing water loss by two percent every five years with the long-term goal of reaching less than 11 percent water loss.

**Table 3. Water Conservation Plan 5-and 10-yr Goals for Water Savings in Average or Wet Years**

	Historic 5yr average	Average or Wet Year Baseline	5yr Reduction Goal	10yr Reduction Goal
Total GPCD	144	144	141.7	139.4
Residential GPCD	68	68	66.9	65.8
Water Loss (GPCD)	29	29	28.4	27.8
Water Loss (Percentage)	14	14	11.2	10.9

**Table 4. Water Conservation Plan 5-and 10-yr Goals for Water Savings in Dry Years**

	Historic 5yr average	Dry Year Baseline	5yr Reduction Goal	10yr Reduction Goal
Total GPCD	144	152	150	147.6
Residential GPCD	68	72	70.8	69.7
Water Loss (GPCD)	29	31	30.4	29.8
Water Loss (Percentage)	14	15	14.7	14.4

## C. Implementation Plan

*A schedule for implementing the plan to achieve the applicant's targets and goals*

To achieve 1.6 % reduction over the next five years, The City of Houston plans to implement, expand or continue the following efforts.

### *Water Main Replacement Program*

Aging infrastructure is a common problem that can lead to regulatory and customer issues as well as loss of treated water. It is the mission of this utility to protect public health and the environment and to provide superior customer service. To meet this mission, continuation of water infrastructure re-investment is required for current and future needs and to ensure the delivery of water in the most efficient manner possible.

Continuing activities range from replacement of broken or inadequate infrastructure, to proactive replacement of aging infrastructure. The City performs a needs assessment that considers the design service life of each type of asset and the remaining life of the asset since its installation, replacement, or rehabilitation. In water, the type of pipe material is an important factor in determining the service life. For example, small diameter asbestos-cement water pipes that were installed in the 1970s of have a 40-year service life, based on the City's experience with line breaks. In comparison, PVC pipes are based on a 50-year service life for this assessment.

**Water Transmission** includes the large diameter lines, 16" and larger, and valves that are used to move high volumes of drinking water throughout the City and to bring raw surface water to the treatment plants. There are 4.55 million linear feet of pipe from 16" to 108". Six (6) major repump stations re-pressurize the transmission system and 168 storage tanks (groundwater, hydro, elevated) provide water volume in the system to meet average and peak demands. These projects include rehab/replacement of storage tanks, water valves, pumps, and aging large water lines.

**Water Distribution** includes the small diameter pipes in the system that service individual homes and businesses. The water distribution system also includes meters and the fire hydrants that fire fighters use throughout the City. There are approximately 33.5 million linear feet of pipe less than 16" and approximately 460,000 water meters in the distribution system. These projects replace old and substandard neighborhood water lines to help improve fire protection and water quality.

Currently, the City has dedicated approximately \$28 million dollars in FY2015 to the Water Main Replacement Capital Improvement Program construction projects and approximately \$118 million in planned projects over the next five years. For more information visit the City of Houston's website at: <http://www.houstontx.gov/cip/>.

### *Water Loss Plan*

This water loss plan is currently under development by the City of Houston. The City strives to be an exemplar of efficient water usage for its customers. To that end, concerted efforts are made and will

continue to be made to ensure treated water is delivered to customers in the most efficient manner possible. The City of Houston plans to spend the next twelve months developing cost-effective implementation strategies for reducing water loss.

Water Loss Reductions are planned to be achieved through:

- Developing uses of the fixed network for reducing water loss such as predictive leak detection or other potential functionalities
- Developing strategies for reducing water usage by City Departments and other non-revenue users
- Developing strategies for reducing theft (ex. Bypasses, direct connects, etc.)
- Developing a plan for turning water meters off faster when there is no account owner and water use continues to occur

### *Consumption Awareness Program*

To make sure customers get timely and accurate bills, the city measures consumption efficiently through an automated system that transmits water usage data with radio waves, also referred to as an Automated Meter Infrastructure (AMI) network. An attachment on the water meter sends a wireless signal that is picked up by one of the collecting devices located throughout the city, usually on utility poles and in some city buildings like fire stations. Ultimately, the information is transmitted to a central computer where the data can be accessed by account owners, used to generate alerts and used to create water bills.

So this information can be utilized by retail customers, the City of Houston has developed a Consumption Awareness Program (CAP) which affords customers with access to their real-time usage information and crosses multiple communication mediums. For more information on the CAP see *Section I. Public Education and Information Programs* and Appendix B for more information and examples of the information available in the dashboard or visit [www.houstonwater.org](http://www.houstonwater.org).

The City of Houston has completed the implementation of the first phase of the CAP which included:

- Converting 75 percent of retail customers to the AMI network
- Web-based portal for single-family residential customers to access real-time water usage
- Smart phone based application for iPhone and Android users

As of the beginning of 2014, approximately 75 percent of retail customer accounts are on the AMI network and 10 percent of single-family retail customers have signed up for the CAP.

Goals of the second phase of the program include:

- Developing web-based portal for commercial and other retail customers
- Developing and implementing an information dissemination campaign with goal of 80 percent customer participation in CAP.
- Development of more in-depth and user friendly portal for single-family customers.

### *Mainline Detection Leak program*

Using the AMI network previously described, the City of Houston is currently in the process of developing a more proactive leak detection program to determine effective next steps for increasing the efficiency of leak detection and repair efforts. Future applications under the network are currently being developed and conceived with manufacturers. These functionalities include pressure sensing, hydrant flow monitoring, water quality sensing, et al. The key to long term viability of this vision is to ensure interoperable end point functionality and open architecture protocols.

### *Water Wise Building Standards*

In 2011, The City of Houston completed a comprehensive update and revision of municipal plumbing codes. As reflected in the single-family residential GPCD of 66, demonstrable water use reductions have been realized due to the implementation and enforcement of these more stringent plumbing and building codes through the years. A section on Low Impact Development was also added to the Infrastructure Design Manual. Low Impact Development can reduce the amount of potable water used for irrigation by utilizing stored rainwater and slowing runoff from properties requiring less overall irrigation. As new construction continues at a brisk pace, the City of Houston plans to continue to rigorously enforce building and plumbing codes and encourage low impact development.

The sections of the Uniform Plumbing Code and Building Code related to water efficiency can be found in the following:

- Uniform Plumbing Code, Chapter 16
- Uniform Plumbing Code Appendix R
- Building Code 29

All documents can be accessed through the City of Houston's website at:

[www.houstonpermittingcenter.org/code-enforcement](http://www.houstonpermittingcenter.org/code-enforcement)

To set an example for private developers, the City of Houston adopted an official resolution (No. 2004-15) establishing the U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Green Building Rating System™ as a standard for new or replacement facilities and major renovation of City of Houston owned buildings and facilities over 10,000 square feet of occupied space. LEED™ provides a complete framework for assessing building performance and meeting sustainability goals. Based on well-founded scientific standards, LEED™ emphasizes state of the art strategies for various energy and environmental aspects of a building including water savings.

The General Services Department is implementing this policy in its management of projects in the City's Capital Improvement Plan. More information about the status of this program can be found on the City of Houston's website at: <http://www.houstontx.gov/generalservices/leed>.

## D. Method for Tracking the Implementation and Effectiveness

*A method for tracking the implementation and effectiveness of the plan. The method should track annual water use and provide information sufficient to evaluate the implementation of conservation measures. The plan should measure progress annually, and evaluate the progress towards meeting the goals.*

The City of Houston will use the Water Conservation Annual Report and the Water Loss Audit Report due annually to the TWDB and TCEQ as a means for tracking the implementation and effectiveness of the plan. Additionally, the City of Houston will utilize the Alliance for Water Efficiency's Water Conservation Tracking Tool to evaluate the effectiveness of the current conservation efforts and evaluate measures that may be considered in the future.

## E. Master Meter

*A master meter to measure and account for the amount of water diverted from the source of supply.*

The City of Houston has a variety of sources from which water is acquired. These sources include Lake Houston, Lake Livingston, groundwater wells, limited reuse of wastewater effluent and, when necessary, Lake Conroe. There are meters located on all groundwater wells. There is an inflow meter at the head of the Northeast Water Purification Plant, located near the shore of Lake Houston, that tracks all water entering the plant for treatment and eventual delivery to customers. The Trinity River Authority is responsible for tracking all discharges from Lake Livingston. If it is necessary for the City of Houston to divert water from Lake Conroe, the San Jacinto River Authority tracks this amount and conveys this information to the City of Houston.

## F. Universal Metering

*A program of universal metering of both customer and public uses of water, for meter testing, repair and for periodic replacement.*

The City of Houston's Code of Ordinance Chapter 47- Section 4(a)(2) states, "water will be furnished and delivered through the water distribution system of the city only through meters. Meters must be listed on the City of Houston department of Public Waters & Engineering's product approval list."

The City of Houston's overall objective with regard to meter population measure accuracy is to maintain an average of 98-102% per the American Water Works Association (AWWA) benchmark. This is accomplished through data and population analytics. The specific demarcation line for Houston is meter size. Customer and public uses of water are metered and maintained under the same programs. The programs are grouped into large and small meter scheduled, unscheduled and replacement programs.

The small meters were replaced across the entire system beginning in the year 2000. The population's accuracy performance has been monitored through data captured in customer requests for tests, field

accuracy test results and, when meters are pulled for any reason. A random sampling program began in 2013 and is planned to be conducted annually to gauge the accuracy performance randomly on the meter size population of 5/8"-2". Additionally, the City of Houston is sampling consumption at the various flow ranges to better understand actual accuracy of measure based on the volume of water consumed at each range. Based on volume and age, subsets of the overall population will be mapped for replacement.

Regarding the large meter population (meter sizes 3" and larger) a scheduled (preventive) maintenance program has been put in to place based on stratifications of meter type and volume that has passed through each meter. The scheduled program is based on meeting or exceeding AWWA accuracy benchmarks and involves testing and calibration at the point of measure. When maintenance costs or manufacture supply dictates, we will plan removal and replacement of the meters.

## **G. Measures to Determine and Control Water Loss**

*Measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections, abandoned services, etc.)*

The city has multiple levels of oversight to determine and control water loss that is driven by routine data analytics and field inspection presence. Efforts such as a direct theft line allows for the citizen base to report on when or if consumption is perceived to be taken inappropriately. An active relationship with the Houston Police Department and District Attorney tactically addresses issues when they arise. From a monitoring perspective, Houston analyzes data daily and aggregates performance monthly to see where loss or inaccurate accounting might be occurring in the system. The data drive response to account structural issues as well as answering the question, are we accounting for all water consumed.

## **H. Water Loss Program**

*A continuous program of leak detection, repair, and water loss accounting for the transmission, delivery and distribution system in order to control water loss.*

The City of Houston has developed and implemented a network based on meter reading that is expanding into a variety of functions that will ultimately deliver a more robust Supervisory Control and Data Acquisition (SCADA) view of the entire distribution system. This concept has been successfully developed, tested and put into production with Sanitary Sewer Overflows and is now migrating to main line leak detection. Future applications under the network are currently being developed and conceived with manufacturers. These functionalities include pressure sensing, hydrant flow monitoring, water quality sensing, et al. The key to long term viability of this vision is to ensure interoperable end point functionality and open architecture protocols. In line with this last point, the City of Houston is involved actively with the AWWA Research Foundation to develop industry specifications involving aforementioned networks.

Further, the City of Houston is embarking on an effort to standardize reporting for all municipalities and wholesale water providers across the State to ensure what is reported as loss is consistent. To ensure

compliance, Houston is undertaking review of how water is accounted for in uses such as community fire response, dead end line flushing, new line flushing and general city uses. Houston also has an active transient program that monitors uses by contractors, et al that assures the highest level of measurement and accountability. All of these efforts regardless of maturity level are active and a part of the program to standardize reporting so that a true understanding of loss or unaccounted for water is reached.

## **I. Public Education and Information Programs**

*A program of continuing education and information regarding water conservation. This should include providing water conservation information directly to each residential, industrial and commercial customer at least annually, and providing water conservation literature to new customer when they apply for service.*

### *Consumption Awareness Program*

The City of Houston works from the premise that having a good understanding of how an individual's home or business uses water is the first step in customers being able to sustainably reduce water use. Working from this premise, the City of Houston developed the Consumption Awareness Program (CAP) which provides customers with access to their real-time usage information and crosses multiple communication mediums. Giving the customer the tools and information to have a clear understanding of their water use thus allows them to identify unusual patterns of water use unique to their property that can be resolved and ultimately results in demonstrable savings.

Customers can access information through the web, mobile apps, email, and phone. CAP provides account summaries that display helpful information such as: Current Balance, Due date, Last Payment Received, Current Usage, Projected Next Bill, Turn on e-bills, and Neighborhood Average Usage. Customers can see their monthly data for up to 18 months, they can see the read date, meter reading, what was used, what was paid for the usage. Customers can also see up to 60 days of past usage on a day-by-day or hourly basis. Customers can select daily, monthly and leak alerts and can choose to be alerted by Email, Text via cell phone or Auto-Call to a phone. See Appendix B for more information and examples of the information available in the dashboard.

### *Public Education and Information Program*

The City maintains a dedicated staff for its Public Education and Information Program. The major public outreach programs are as follows:

*WaterWorks Education Center* – Opened in 2010, the WaterWorks Center hosts numerous school field trips and tours. Located near the shores of Lake Houston at the City of Houston's Northeast Water Purification Plant, WaterWorks Education Center is a one-of-a-kind water destination whose mission is to promote water education, conservation and stewardship. The City of Houston's WaterWorks Education Center welcomes all educational groups to explore the wonders of water during a field trip designed to imbue them with a sense of wonderment and discovery about one of earth's most precious

resources. The Center offers visitors an innovative environment for creative learning with interactive exhibits, demonstrations and tour. For more information see: <http://www.houstonwaterworks.org>.

*Annual Water Festival* – over the past 20 years, this annual event has been used to showcase the water conservation program’s message. It primarily offers awareness about water conservation to local schools as well as young adults. Local participants offer support by providing hands on demonstration of essential tools utilized in the water industry.

*School Education Curriculum Program* – The Public Education and Outreach group has presented to over 24,000 people consisting of water messages to use water efficiently and source water protection to stress the importance and value of clean drinking water. The coordination of water conservation information produces a Houston specific message.

*Community Outreach Program* – The City of Houston Public Education and Outreach group provides presentations along with providing water conservation retrofit kits that are introduced to local school students throughout the Houston area. The City is involved in providing this program to educate the community about using water more efficiently. Students are taught how to save water throughout their home and are then given a retrofit kit to take home that includes various water saving devices to be placed in their showers and faucets.

### *Gulf Coast Water Conservation Symposium*

The City of Houston is an active participant in the planning of the annual Gulf Coast Water Conservation Symposium, a one day regional event aimed at providing crucial information to water providers and customers in the region about water conservation legislation, planning, education, and smart conservation investment, implementation strategies and industry best practices. City of Houston employees actively participate on the Symposium’s Steering Committee and effort is made to raise awareness of the event amongst City of Houston’s regional customers through mailings and other means of communication.

In 2014, the theme of the Symposium was “Capitalizing on Water Conservation: Benefits, Opportunities, Requirements, & Lessons Learned” and focused on how Proposition 6, water infrastructure funding and HB4 may affect local communities and examine strategies for smart infrastructure investment, among other topics. City of Houston plans to continue to participate in this annual event.

## **J. Non-Promotional Water Rate Structure**

*A water rate structure which is not “promotional” i.e. a rate structure which is cost-based and which does not encourage the excessive use of water. Include copy of the rate structure.*

The existing City of Houston rate structure includes inclining blocks and single unit rates for both water and sewer pricing. Sewer pricing is based on total water use. Traditional objectives in rate structure design include that the rates be based on the costs to serve, that they provide adequate and stable revenues, that they be fair or equitable among customer classes and volume users, and that they be easy to implement and administer. These rate structures are cost-based and are not promotional. All rate tables are available in Appendix C and at the City’s website [www.houstonwater.org](http://www.houstonwater.org).

## K. Implementation and Enforcement

*A means of implementation and enforcement, evidenced by adoption of the plan:*

- a. A copy of the ordinance, resolution or tariff indicating official adoption of the water conservation plan by the applicant and*
- b. A description of the authority by which the applicant will implement and enforce the conservation plan.*

See Appendix D for the copy of ordinance of official adoption of the Water Conservation Plan by the City of Houston Council.

The City implements and enforces the regulatory aspects of the Water Conservation Plan through existing codes and ordinances. These include:

- Building and Plumbing Codes: [www.houstonpermittingcenter.org/code-enforcement](http://www.houstonpermittingcenter.org/code-enforcement)
- Chapter 47 – Water and Sewers, of the City of Houston Code of Ordinances: <http://www.houstontx.gov/codes/index.html>
- LEED Certification of City of Houston owned facilities (Resolution No. 2004-15): <http://www.usgbc.org/Docs/Archive/General/Docs1981.pdf>

## L. Contract Customer Requirements

*If the Applicant will utilize the project financed by the TWDB to furnish water or wastewater services to another supplying entity that in turn will furnish the water or wastewater services to the ultimate consumer, the requirements for the water conservation plan also pertain to these supplier entities. To comply with this requirement the applicant shall:*

- a. Submit its own water conservation plan;*
- b. Submit the other entity's (or entities), adopt a water conservation plan*
- c. Require, by contract, that the other entity (or entities), adopt a water conservation plan that conforms to the board's requirement and submit it to the board. If the requirement is to be included in an existing water or wastewater service contract, it may be included, at the earliest of the renewal or substantial amendment of the contract, or by other appropriate measure.*

This requirement is located within all City of Houston water supply contracts.

## M. Region H Notification

*Documentation that the regional water planning group for the service area of the applicant has been notified of the applicant's water conservation plan.*

See Appendix E for letter notifying Region H of the City of Houston's Water Conservation Plan.

## **N. Drought Contingency Plan**

See Appendix F for information on The City of Houston's 2013 Drought Contingency Plan.

## **O. Adoption**

*Adoption. No water conservation plan is complete without formal adoption by the governing body of the entity. For a municipal water system, adoption would be by the city council as an ordinance, or a resolution by an entity's board of directors.*

Appendix D will contain a copy of the resolution of official adoption of the Water Conservation Plan which will be completed through an act of City Council prior to September 2014.

## **P. Reporting Requirement**

*Reporting Requirement: Identify who will be responsible for preparing the annual report on the utility profile form TWDB-1965. Loan/Grant Recipients must maintain an approved water conservation program in effect until all financial obligations to the state have been discharged and shall report annually to the executive administrator of the TWDB on the progress in implementing each of the minimum requirements in its water conservation plan and the status of any of its customers' water conservation plan required by contract. The content and format for the annual reporting is included in the forms: Water Conservation Plan Annual Report, TWDB-1966 for retail water suppliers, TWDB-1967 for non-water suppliers and TWDB-1969 for wholesale water supplies.*

The City of Houston's Department of Public Works and Engineering will be responsible for preparing the Water Conservation Plan Annual Report, TWDB-1966 for retail water suppliers and TWDB 1969 for wholesale water supplies.

## **Appendix A. Water Utility Profile**

# UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Fill out this form as completely as possible.  
**If a field does not apply to your entity, leave it blank.**

## CONTACT INFORMATION

Name of Utility: \_\_\_\_\_

Public Water Supply Identification Number (PWS ID): \_\_\_\_\_

Certificate of Convenience and Necessity (CCN) Number: \_\_\_\_\_

Surface Water Right ID Number: \_\_\_\_\_

Wastewater ID Number: \_\_\_\_\_

Completed By: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Email: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Date: \_\_\_\_\_

Regional Water Planning Group: \_\_\_\_\_ [Map](#)

Groundwater Conservation District: \_\_\_\_\_ [Map](#)

Check all that apply:

Received financial assistance of \$500,000 or more from TWDB

Have 3,300 or more retail connections

Have a surface water right with TCEQ

# Section I: Utility Data

## A. Population and Service Area Data

1. Current service area size in square miles: \_\_\_\_\_  
 (Attach or email a copy of the service area map.)
  
2. Provide historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Service

3. Provide the projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Service
2020			
2030			
2040			
2050			
2060			

4. Describe the source(s)/method(s) for estimating current and projected populations.

**B. System Input**

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
<b>Historic 5-year Average</b>					

**C. Water Supply System (Attach description of water system)**

1. Designed daily capacity of system \_\_\_\_\_ gallons per day.

2. Storage Capacity:  
 Elevated \_\_\_\_\_ gallons  
 Ground \_\_\_\_\_ gallons

3. List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons

\*Select one of the following source types: *Surface water, Groundwater, or Contract*

4. If surface water is a source type, do you recycle backwash to the head of the plant?  
 Yes \_\_\_\_\_ estimated gallons per day  
 No

## D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

### E. High Volume Customers

1. List the annual water use, in gallons, for the five highest volume **RETAIL customers**. Select one of the following water use categories to describe the customer; choose Residential, Industrial, Commercial, Institutional, or Agricultural.

Retail Customer	Water Use Category*	Annual Water Use	Treated or Raw

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

2. If applicable, list the annual water use for the five highest volume **WHOLESALE customers**. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

### F. Utility Data Comment Section

Provide additional comments about utility data below.

## Section II: System Data

### A. Retail Connections

- List the active retail connections by major water use category.

Water Use Category*	Active Retail Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Residential – Single Family				
Residential – Multi-family (units)				
Industrial				
Commercial				
Institutional				
Agricultural				
<b>TOTAL</b>				

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

- List the net number of new retail connections by water use category for the previous five years.

Water Use Category*	Net Number of New Retail Connections				
Residential – Single Family					
Residential – Multi-family (units)					
Industrial					
Commercial					
Institutional					
Agricultural					
<b>TOTAL</b>					

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

**B. Accounting Data**

For the previous five years, enter the number of gallons of RETAIL water provided in each major water use category.

Water Use Category*	Total Gallons of Retail Water				
Residential - Single Family					
Residential – Multi-family					
Industrial					
Commercial					
Institutional					
Agricultural					
<b>TOTAL</b>					

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

**C. Residential Water Use**

For the previous five years, enter the residential GPCD for single family and multi-family units.

Water Use Category*	Residential GPCD				
Residential - Single Family					
Residential – Multi-family					

**D. Annual and Seasonal Water Use**

1. For the previous five years, enter the gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Retail Water				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTAL</b>					

2. For the previous five years, enter the gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Retail Water				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTAL</b>					

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
Summer Retail (Treated + Raw)						_____
						5yr Average
TOTAL Retail (Treated + Raw)						_____
						5yr Average

**E. Water Loss**

Provide Water Loss data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
<b>5-year average</b>			

**F. Peak Water Use**

Provide the Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)

**G. Summary of Historic Water Use**

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF			
Residential MF			
Industrial			
Commercial			
Institutional			
Agricultural			

**H. System Data Comment Section**

Provide additional comments about system data below.

## Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

**A. Wastewater System Data** (Attach a description of your wastewater system.)

1. Design capacity of wastewater treatment plant(s): \_\_\_\_\_  
**gallons** per day.
  
2. List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal				
Industrial				
Commercial				
Institutional				
Agricultural				
<b>TOTAL</b>				

2. What percent of water is serviced by the wastewater system? \_\_\_\_%
  
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTAL</b>					

4. Can treated wastewater be substituted for potable water?

Yes                      No

**B. Reuse Data**

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other	
<b>TOTAL</b>	

**C. Wastewater System Data Comment**

Provide additional comments about wastewater system data below.

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

# UTILITY PROFILE FOR WHOLESALE WATER SUPPLIER

Fill out this form as completely as possible.  
**If a field does not apply to your entity, leave it blank.**

## CONTACT INFORMATION

Name of Utility: \_\_\_\_\_

Public Water Supply Identification Number (PWS ID): \_\_\_\_\_

Certificate of Convenience and Necessity (CCN) Number: \_\_\_\_\_

Surface Water Right ID Number: \_\_\_\_\_

Wastewater ID Number: \_\_\_\_\_

Completed By: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Email: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Date: \_\_\_\_\_

Regional Water Planning Group: \_\_\_\_\_ [Map](#)

Groundwater Conservation District: \_\_\_\_\_ [Map](#)

Check all that apply:

Received financial assistance of \$500,000 or more from TWDB

Have a surface water right with TCEQ

# Section I: Utility Data

## A. Population and Service Area Data

1. Current service area size in square miles: \_\_\_\_\_  
 (Attach or email a copy of the service area map.)
  
2. Provide projected and historical service area population below.

Year	Historical Population Served By Wholesale Water Service		Year	Projected Population Served By Wholesale Water Service
			2020	
			2030	
			2040	
			2050	
			2060	

4. Describe the source(s)/method(s) for estimating current and projected populations.

**B. System Input**

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Total System Input	Total gal/day
<b>Historic 5-year Average</b>				

**C. Water Supply System (Attach description of water system)**

1. Designed daily capacity of system \_\_\_\_\_ gallons per day.

2. Storage Capacity:  
 Elevated \_\_\_\_\_ gallons  
 Ground \_\_\_\_\_ gallons

3. List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons

\*Select one of the following source types: *Surface water, Groundwater, or Contract*

4. If surface water is a source type, do you recycle backwash to the head of the plant?  
 Yes \_\_\_\_\_ estimated gallons per day  
 No

**D. Projected Demands**

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demands (gallons)

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

**E. High Volume Customers**

1. If applicable, list the annual water use for the five highest volume customers. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural.

Customer	Water Use Category*	Annual Water Use	Treated or Raw

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

**F. Utility Data Comment Section**

Provide additional comments about utility data below.

## Section II: System Data

### A. Wholesale Connections

- List the active wholesale connections by major water use category.

Water Use Category*	Active Wholesale Connections		
	Metered	Unmetered	Total Connections
Municipal			
Industrial			
Commercial			
Institutional			
Agricultural			
<b>TOTAL</b>			

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

- List the net number of new wholesale connections by water use category for the previous five years.

Water Use Category*	Net Number of New Wholesale Connections				
Municipal					
Industrial					
Commercial					
Institutional					
Agricultural					
<b>TOTAL</b>					

\*For definitions on recommended customer categories for classifying customer water use, refer to the [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

### B. Wholesale Water Accounting Data - Water Use Categories

For the previous five years, enter the number of gallons of WHOLESale water exported (*sold or transferred*) to each major water use category.

Customer Category*	Total Gallons of Wholesale Water				
Municipal					
Industrial					
Commercial					
Institutional					
Agricultural					
<b>TOTAL</b>					

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

**C. Wholesale Water Accounting Data - Annual and Seasonal Use**

For the previous five years, enter the number of gallons exported (*sold or transferred*) to WHOLESALE customers.

Month	Total Gallons of Treated Water				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTAL</b>					

Month	Total Gallons of Raw Water				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTAL</b>					

WHOLESALE						Average in Gallons
Summer Wholesale (Treated + Raw)						_____
						5yr Average
TOTAL Wholesale (Treated + Raw)						_____
						5yr Average

**D. Water Loss**

Provide Water Loss Data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss per day	Water Loss as a Percentage
<b>5-year average</b>			

**E. Peak Day Use**

Provide the Average Daily Use and Peak Day Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (Peak/Avg)

**F. Summary of Historic Water Use**

Water Use Category	Historic 5-year Average	Percent of Water Use
Municipal		
Industrial		
Commercial		
Institutional		
Agricultural		

**G. Wholesale System Data Comment Section**

Provide additional comments about wholesale system data below.

## Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

**A. Wastewater System Data** (Attach a description of your wastewater system)

1. Design capacity of wastewater treatment plant(s): \_\_\_\_\_  
**gallons** per day.
  
2. List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal				
Industrial				
Commercial				
Institutional				
Agricultural				
<b>TOTAL</b>				

\*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. What percent of water is serviced by the wastewater system? \_\_\_\_%
  
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Water				
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTAL</b>					



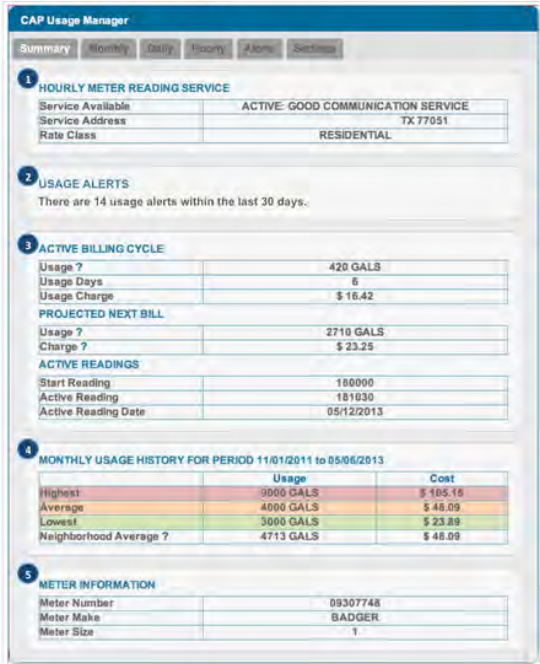
## Appendix B.

# Consumption Awareness Program Dashboard Features

### Features of Usage Calculator:

- **USAGE SUMMARY** - provides you with a dashboard of information about your water usage including reading status, actual usage, project usage for next bill, and usage comparison information.
- **MONTHLY USAGE HISTORY** - provides you with a chart and table of monthly usage and billed history for up to the past 18 months. This information is useful for reviewing your usage and charge trends across seasons as well as from month to month.
- **DAILY USAGE HISTORY** - provides you with up to 90 days of daily usage history useful for comparing usage by day of week or from week to week. The daily usage is also a good tool for quickly identifying when unexpected high usage began.
- **HOURLY USAGE HISTORY** - provides you with hourly usage for any selected day up to the past 90 days. This tool is helpful for associating usage to specific events in your home or business (i.e., irrigation use, bathroom use, appliance use, etc.).
- **USAGE ALERT HISTORY** - provides you with a history of usage alert notifications sent for your account.
- **USAGE ALERT SETTINGS** - provides you with options for custom daily, monthly, and leak threshold alert settings that can be delivered to your mobile phone as a text or app notification, email, or phone call.

### USAGE SUMMARY



**CAP Usage Manager**

Summary | Monthly | Daily | Hourly | Alerts | Settings

**1 HOURLY METER READING SERVICE**

Service Available	ACTIVE- GOOD COMMUNICATION SERVICE
Service Address	TX 77051
Rate Class	RESIDENTIAL

**2 USAGE ALERTS**

There are 14 usage alerts within the last 30 days.

**3 ACTIVE BILLING CYCLE**

Usage ?	420 GALS
Usage Days	6
Usage Charge	\$ 16.42

**PROJECTED NEXT BILL**

Usage ?	2710 GALS
Charge ?	\$ 23.25

**ACTIVE READINGS**

Start Reading	180000
Active Reading	181930
Active Reading Date	05/12/2013

**4 MONTHLY USAGE HISTORY FOR PERIOD 11/01/2011 to 05/06/2013**

	Usage	Cost
Highest	3000 GALS	\$ 105.16
Average	4000 GALS	\$ 48.09
Lowest	3000 GALS	\$ 23.89
Neighborhood Average ?	4713 GALS	\$ 48.09

**5 METER INFORMATION**

Meter Number	09307748
Meter Make	BADGER
Meter Size	1

**1 HOURLY METER READING SERVICE** provides you with the current status of the hourly meter reading service, the service address of the account, and the rate class assigned to the account. See [Hourly Reading Communication Status](#) for more information on your status, possible reasons, and possible corrective actions.

**2 USAGE ALERTS** provides you with a summary count of the number of usage alert notifications that have been triggered for the account in the past 30 days.

**3 ACTIVE BILLING CYCLE USAGE** reports your actual water usage since your last billed reading (i.e., current billing cycle or usage for your next bill). The information includes the usage in gallons, the days of usage, and the approximate charge for this usage.

Note that the usage includes unbilled usage from the previous cycle and actual usage for the usage days as of the last meter reading. You can view the last meter reading date and time by logging on to your account.

**PROJECTED NEXT BILL** estimates what your bill could be if the current pattern of usage continues. The projection is based on actual usage plus an estimated daily usage over the remaining days in the billing month.

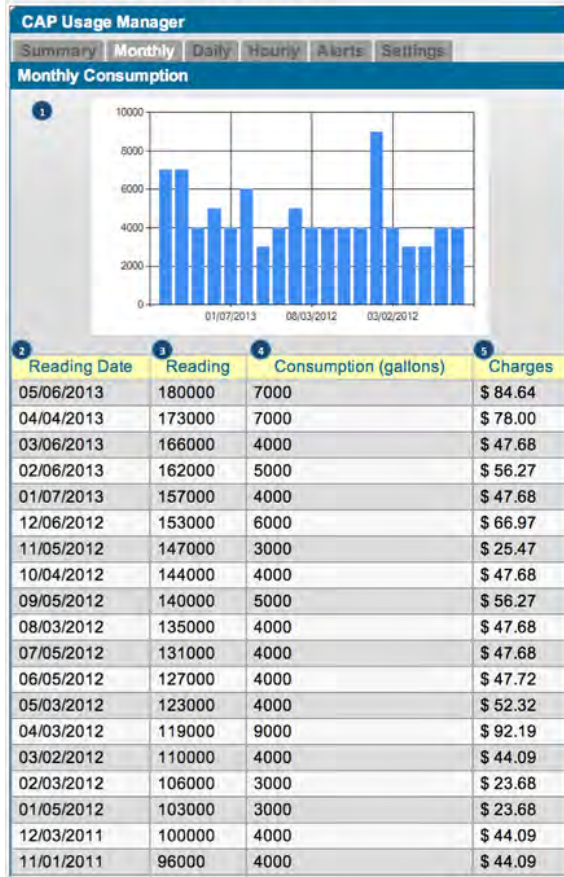
If you have an unexpected high projection, you can take action to avoid this charge if you are early in the cycle. If not, you can still take action to avoid these charges on your future bills.

**4 USAGE HISTORY FOR PERIOD** provides you with a basis for comparing your usage to your past usage history to determine if it is normal or unusually high. Your average usage over the past 18-months shows you what's normal, the highest usage could reflect a month when you had a leak, and the lowest usage could reflect a month when you were away from home.

**Neighborhood Average** provides you with a basis for comparing your usage to homes in your surrounding area. The average is based on active single family residential customers with meter sizes of 1-inch or smaller. The number of homes included in the average is reported below the comparison table.

**5 METER INFORMATION** provides you with useful information that can help when investigating possible meter reading issues.

## MONTHLY USAGE HISTORY



**1 MONTHLY USAGE HISTOGRAM CHART** provides you with graphical representation of the distribution usage by month.

**2 READING DATE** provides you with meter reading date that was used for the corresponding billing period. You can click the column heading title to sort the table. Click twice to reverse the order.

**3 READING** provides you with the meter reading (in thousands of gallons) recorded on the specified reading date. Your usage is charged in thousands of gallons and any usage in excess of a factor of one thousand will be charged in the next billing cycle.

You can click the column heading title to sort the table. Click twice to reverse the order.

**4 CONSUMPTION** provides you the billed usage for the corresponding billing month.

You can click the column heading title to sort the table. Click twice to reverse the order.

**5 CHARGES** provides you with the amount that was actually billed for corresponding billing month.

You can click the column heading title to sort the table. Click twice to reverse the order.

## USAGE ALERT SETTINGS

**Calculator**

**Daily**

Turn On Turn Off

Current Daily Average: 133 Gallons

Alert Threshold: 200 Gallons

**Monthly**

Turn On Turn Off

Current Monthly Average: 4000 Gallons

Alert Threshold: 4000 Gallons

**Leak Alert (Continuous flow over 24 hours)**

Turn On Turn Off

**Notification Preference**

Method: Text

Email: somyaya\_scott@yahoo.com

Cell Phone: (713)492-3482

Telephone:

SAVE

**CALCULATOR** provides you with a tool that can be used to determine what your daily and monthly water usage should be based on key factors impacting your household such as: the total number of people in your household, bathroom usage, number of loads typically washed or the frequency for yard watering, etc.

This tool will effectively estimate the expected daily, monthly and annual water consumption for your household and compare it to the average of similar households across the City of Houston.

**DAILY USAGE THRESHOLD SETTING** provides you with tool that monitors your daily water usage.

The Daily Alert feature includes the average daily consumption based on a rolling 12-month period. You can set the alert threshold by entering the consumption amount that you believe is unusually high for a given day. Review your daily consumption history to help determine an effective high consumption threshold.

1. Click the 'Turn On' option to turn on the notification.
  2. Review the daily average for the past 12 months.
  3. Select a usage alert threshold based on your desired notification needs.
- Set the threshold at twice your average if you want to be notified of unusually high usage or...
  - Set the threshold to 10 if you have a vacant property where you want to be notified of any use.

**MONTHLY USAGE THRESHOLD SETTING** provides you with a tool that can be used to notify you when your projected month charge exceeds your monthly budget threshold.

The Monthly Alert feature includes the average monthly consumption based on a rolling 12-month period. You can set the alert threshold by entering the consumption amount that you believe is unusually high for a given month. Review your daily consumption history to help determine an effective high consumption threshold.

**LEAK ALERT SETTING** provides you with a tool that detects a continuous flow of water through your meter for 1 to 7 days (depending on meter type). This scenario typically indicates a leak for residential single family accounts but may not be an effective indicator for multi-family or commercial accounts.

**Notification Preference** allows you to choose a preferred method of notification (i.e., text, mobile app, email, or phone).

**Appendix C.**  
**City of Houston Water and Sewer Rates**

**2014 WATER & SEWER RATES**

*Rate increase effective date April 1, 2014*

**City of Houston Ordinance 2010-305 requires the Combined Utility System (CUS) to implement an annual rate adjustment to be effective April 1st of each year. The required water and wastewater rate adjustment under this ordinance for April 1, 2014 is 1.2%. This rate adjustment is based on Producer Price Index.**

**This annual rate adjustment is intended to help cover cost increases that impact the provision of safe, clean drinking water and the collection and treatment of wastewater. This includes operational costs as well as the costs involved in the repair and replacement of portions of the System's aging infrastructure. The bill you will receive in May will reflect a full month of the rate adjustment.**

**The new rate tables will be posted on the City's updated website [www.houstonwater.org](http://www.houstonwater.org).**

*Effective date April 1, 2014*

The basic service charge for both water and sewer is affected by the water meter size. For all classes that include sewer, the water consumption is used to determine the appropriate sewer consumption charge.

**Single-Family Residential – TU 01, 02, & 03:**

The basic charge for each meter size is listed below. For simplicity, this table adds volume and base charges together for 1,000 to 6,000 gallons. From 7,000 to 12,000 gallons the rate is \$4.72 per 1,000 gallons, regardless of meter size. Starting at 13,000 gallons, the rate is \$7.78 per 1,000 gallons.

<b>Water Rates</b>				
	<b>5/8 or 3/4" meters</b>	<b>1 inch meter</b>	<b>1.5 inch meter</b>	<b>2 or 3 inch meter</b>
<b>Basic charge, per meter size</b>	\$ 4.79	\$ 5.93	\$ 8.98	\$10.57
The numbers below this line include both Base and Volume charges				
<b>1,000 gallons</b>	\$ 4.92	\$ 6.06	\$ 9.11	\$10.70
<b>2,000 gallons</b>	\$11.21	\$12.35	\$15.41	\$17.00
<b>3,000 gallons</b>	\$11.59	\$12.72	\$15.78	\$17.37
<b>4,000 gallons</b>	\$21.92	\$23.06	\$26.11	\$27.71
<b>5,000 gallons</b>	\$26.27	\$27.41	\$30.47	\$32.06
<b>6,000 gallons</b>	\$30.62	\$31.76	\$34.82	\$36.41
<b>7,000 to 12,000 gallons</b>	The total charge for 6,000 gallons + \$4.72 per 1,000 gallons			
<b>Over 12,000 gallons</b>	The total charge for 12,000 gallons + \$7.78 per 1,000 gallons			

<b>Sewer Rates</b>					
	<b>5/8 or 3/4" meters</b>	<b>1 inch meter</b>	<b>1.5 inch meter</b>	<b>2 inch meter</b>	<b>3 inch meter</b>
<b>Basic charge, per meter size</b>	\$10.17	\$10.69	\$12.39	\$12.91	\$23.12
The numbers below this line include both Base and Volume charges					
<b>1,000 gallons</b>	\$10.33	\$10.85	\$12.55	\$13.07	\$23.28
<b>2,000 gallons</b>	\$10.67	\$11.19	\$12.89	\$13.40	\$23.62
<b>3,000 gallons</b>	\$10.94	\$11.46	\$13.16	\$13.68	\$23.89
<b>4,000 gallons</b>	\$25.10	\$25.62	\$27.32	\$27.84	\$38.05
<b>5,000 gallons</b>	\$30.21	\$30.73	\$32.43	\$32.95	\$43.16
<b>6,000 gallons</b>	\$37.65	\$38.17	\$39.87	\$40.39	\$50.60
<b>Over 6,000 gallons</b>	The total charge for 6,000 gallons + \$7.44 per 1,000 gallons				

**EXAMPLES OF RESIDENTIAL BILLINGS:**

**1,000 gallons,      \$ 4.92 Water**  
**5/8" meter        \$ 10.33 Sewer**  
**\$ 15.25 Total/Month**

**7,000 gallons,      \$ 35.34 Water**  
**5/8" meter        \$ 45.09 Sewer**  
**\$ 80.43 Total/Month**

**14,000 gallons,    \$ 74.50 Water**  
**5/8" meter        \$ 97.17 Sewer**  
**\$ 171.67 Total/Month**

Water Charges	Sewer Charges
\$30.62 for 6,000 gallons plus 1,000 gallons at \$4.72 = \$35.34	\$37.65 for 6,000 gallons plus 1,000 gallons at \$7.44 = \$45.09
\$30.62 for 6,000 gallons plus 6,000 gallons at \$4.72 plus 2,000 gallons at \$7.78 = \$74.50	\$37.65 for 6,000 gallons plus 8,000 gallons at \$7.44 = \$97.17

**Multi-Family – TU 14-19:**

- 14 (duplex – 2 units)
- 15 (tri-plex – 3 units)
- 16 (quad-plex – 4 units)
- 17 (master-metered townhomes – any number of units)
- 18 (apartments — 5+ units)
- 19 (trailer parks)

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$4.97	\$8.75
	¾	\$5.13	\$8.75
	1	\$6.16	\$9.19
	1.5	\$9.33	\$10.66
	2	\$10.99	\$11.10
	3	\$29.09	\$19.88
	4	\$39.65	\$22.52
	6	\$67.96	\$32.19
	8	\$177.44	\$78.17
	10	\$177.44	\$95.02
Volume Charge	All	+ \$3.82 per 1,000 gallons	+ \$5.56 per 1,000 gallons

**Commercial – TU 21-60:**

Consumption is no longer included with the basic charge. The volume charges are applied to all usage.

Rate	Meter Size (Inches)	Basic Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 4.97	\$8.75
	3/4	\$ 5.13	\$8.75
	1	\$ 6.16	\$9.19
	1.5	\$ 9.33	\$10.66
	2	\$ 10.99	\$11.10
	3	\$ 29.09	\$19.88
	4	\$ 39.65	\$22.52
	6	\$ 67.96	\$32.19
	8	\$ 177.44	\$78.17
	10	\$ 177.44	\$95.02
Volume Charge	All	+ \$3.92 per 1,000 gallons	+ \$5.56 per 1,000 gallons

**Industrial, No Surcharge – (WSC 6) TU 21-60, 61, 62:**

Industrial rates include a monthly basic charge and volume charges for both water and sewer. No consumption is included with the basic charge for water or sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 4.97	\$14.79
	3/4	\$ 5.13	\$14.79
	1	\$ 6.16	\$14.79
	1.5	\$ 9.33	\$14.79
	2	\$ 10.99	\$14.79
	3	\$ 29.09	\$19.71
	4	\$ 39.65	\$22.52
	6	\$ 67.96	\$32.19
	8	\$ 177.44	\$78.17
		10+	\$ 177.44
Volume Charge	All	+ \$3.92 per 1,000 gallons	Up to 2,000 gallons at \$3.42 per 1,000 gallons All over 2,000 gallons \$6.84 + \$6.09 per 1,000 gallons.

## Transient Meters – TU 71:

These accounts have rental fees, base charges and consumption charges.

Rate	Basic Water Charge		
	1"	2"	3"
Basic Charge/Rental Fee (0 consumption)	\$16.59	\$22.13	\$27.66
Volume Charges	+\$4.40 per 1,000 gallons		

Please refer questions to Rockette Simpson at 713-371-1355 or fax to 713-371-1349.

## Lawn/Outdoor Meters – TU 72:

No consumption is included with the basic charge. Volume charges are applied to all usage, but there are two rate tiers. The “defined quantity” marks the point where the tier changes, which is different for each meter size. Volume up to the defined quantity are charged at the lower rate tier; volume in excess of the defined quantity are charged at the higher rate tier.

Rate	Meter Size (Inches)	Basic Water Charge	Defined Quantity (First Tier of Volume Charges)
Basic Rate, per meter size, (plus first tier of volume charges)	5/8	\$ 24.76	None – all consumption at 2 <sup>nd</sup> tier
	3/4	\$ 24.76	None – all consumption at 2 <sup>nd</sup> tier
	1	\$ 27.76	None – all consumption at 2 <sup>nd</sup> tier
	1.5	\$ 73.70	Up to 10,000: + \$2.88 per 1,000 gallons
	2	\$ 113.92	Up to 16,000: + \$2.88 per 1,000 gallons
	3	\$ 247.32	Up to 35,000: + \$2.88 per 1,000 gallons
	4	\$ 418.71	Up to 60,000: + \$2.88 per 1,000 gallons
	6	\$ 862.27	Up to 125,000: + \$2.88 per 1,000 gallons
	8	\$ 1,246.94	Up to 180,000: + \$2.88 per 1,000 gallons
	10	\$ 1,246.94	Up to 180,000: + \$2.88 per 1,000 gallons
<b>Volume Charges Second Tier (All meter sizes)</b>	All consumption over defined quantity: + \$6.63 per 1,000 gallons		

Customers may choose to close these accounts in winter, subject to the usual \$5.00 fee for re-opening them. This will avoid monthly basic charges if there is no consumption. Customers will remain responsible for all charges in any month water passes through the meter, even if the account is closed.

### EXAMPLES OF LAWN BILLING:

5/8" Meter w/2,000 gallons	1" Meter w/12,000 gallons	3" meter w 60,000 gallons	6" meter w 60,000 gallons
Basic: 24.76	Basic: \$27.76	Basic: \$247.32	Basic: \$862.27
2nd tier: 2*6.63 <u>\$13.26</u>	2 <sup>nd</sup> tier: 12*6.63 <u>\$79.56</u>	1 <sup>st</sup> tier: 35*2.88 \$100.80	1 <sup>st</sup> tier: 60*2.88 <u>\$172.80</u>
		2 <sup>nd</sup> tier: 25*6.63 <u>\$165.75</u>	
TOTAL: \$38.02	TOTAL: \$107.32	TOTAL: \$513.87	TOTAL: \$1035.07

## Other Classes:

### Industrial w/Surcharge – (WSC 9) TU 21-60, 61, 62, 63:

Industrial rates include a monthly basic charge and volume charges for both water and sewer. Some customers are billed for sewer only, based on readings from non-City of Houston water meters. These customers take their water from non-City of Houston sources and may choose to install a water meter of the type and standard approved by the department for the purpose of measuring the amount of water taken into such facilities. The water consumption indicated by such meter shall be the basis of determining the sewer charge. Rates are the same as if the water is from City of Houston source.

No consumption is included with the basic charge for water or sewer. While the basic charge for water and sewer is determined by meter size, the volume charge for sewer may vary based on the results of effluent testing.

Rate	Meter Size (Inches)	Water Charge	Basic Sewer Charge
Basic Charge (0 consumption)	5/8	\$ 4.97	\$14.79
	3/4	\$ 5.13	\$14.79
	1	\$ 6.16	\$14.79
	1.5	\$ 9.33	\$14.79
	2	\$ 10.99	\$14.79
	3	\$ 29.09	\$19.71
	4	\$ 39.65	\$22.52
	6	\$ 67.96	\$32.19
	8	\$ 177.44	\$78.17
	10+	\$ 177.44	\$95.02
Volume Charge	All	+ \$3.92 per 1,000 gallons	See below

Additional surcharges for industrial sewer accounts are determined by application of a special formula to the results of effluent tests:

$$R = X + (BOD * 8.337 * Y/1000) + (SS * 8.337 * Z/1000)$$

Or R= Rate / TG as 47-122(b)(2)(b), whichever is greater

Where:

*X = \$4.09 per 1000 gallons, R= 8.337, Y= \$0.7049 / lb., Z = \$0.2782 / lb.*

*BOD = Five-day, 20 degrees Centigrade biochemical oxygen demand content of the waste delivered, in mg/l.*

*SS = Suspended solids content of the waste delivered, in mg/l.*

Any questions on how the surcharges are calculated, or regarding prohibited discharges, should be referred to the Wastewater Operations Branch by calling (832) 395-5800 or by emailing [clyde.smith@houstontx.gov](mailto:clyde.smith@houstontx.gov).

## Resale – TU 73:

These customers purchase water from the City of Houston for resale.

<b>Rate</b>	<b>Meter Size (Inches)</b>	<b>Basic Water Charge</b>
Basic Charge, per meter size (0 consumption)	5/8	\$18.78
	3/4	\$18.78
	1	\$21.78
	1.5	\$53.74
	2	\$81.96
	3	\$177.42
	4	\$298.89
	6	\$612.62
	8 and above	\$887.45
Volume Charge (All meter sizes, all consumption)	\$4.71 per 1,000 gallons	

## Emergency Backup Service – TU 74:

The Contact Center at 713-371-1400 can answer routine questions about these accounts. To notify UCS of EBS use, fax the report to 832-395-5255.

<b>Rate</b>	<b>Meter Size (Inches)</b>	<b>Basic Water Charge</b>
Basic Charge, per meter size (0 consumption)	5/8,3/4	\$ 7.14
	1	\$ 10.15
	1.5	\$ 14.97
	2	\$ 19.93
	3	\$ 41.74
	4	\$ 66.27
	6	\$ 128.01
	8	\$ 189.63
	10+	\$ 196.29
Volume Charge (All meter sizes, all consumption)	\$7.28 per 1,000 gallons	

## Un-Metered Fire Line Charge – TU 21-60, 75:

Un-metered fire lines are charged a flat fee every month, under the provisions of City of Houston Ordinance §47-64. These lines must be equipped with backflow prevention assemblies.

<b>Corresponding size of the diameter of service line</b>	<b>Monthly Charge for Basic Service</b>
<i>5/8 inch</i>	\$ 13.02
<i>3/4 inch</i>	\$ 13.02
<i>1.0 inch</i>	\$ 13.02
<i>1.5 inch</i>	\$ 51.88
<i>2.0 inch</i>	\$ 76.52
<i>3.0 inch</i>	\$ 76.52
<i>4.0 inch</i>	\$ 76.52
<i>6.0 inch</i>	\$ 85.24
<i>8.0 inch</i>	\$ 145.50
<i>10.0 inch</i>	\$ 196.28

## Metered Fire Line Charge Only – TU 21-60:

These customers have their fire service isolated from the remainder of the water supply, and served through an independent meter. Normally they will have zero consumption, but a consumption charge applies if consumption occurs.

<b>Rate</b>	<b>Meter Size (Inches)</b>	<b>Basic Water Charge</b>
Basic Charge, per meter size (0 consumption)	5/8	\$ 4.97
	3/4	\$ 5.13
	1	\$ 6.16
	1.5	\$ 9.33
	2	\$ 10.99
	3	\$ 29.09
	4	\$ 39.65
	6	\$ 67.96
	8 and above	\$ 177.44
Volume Charge (All meter sizes, all consumption)	\$3.92 per 1,000 gallons	

## Un-Metered Sewer Only Customer – TU 81-82:

Special rates apply to sewer customers without City of Houston water or effluent meters. These are monthly rates, but will continue to be billed on a bi-monthly basis.

Class	Monthly Fee
Single Family Residential	\$25.10
Duplex	\$53.24
Multi-family (3+ units)	\$31.14 per single family unit
Commercial	\$58.76 per unit (defined in §47-1002)
Industrial	\$58.74 per unit (defined in §47-1002)

## Contract, Untreated and Reclaimed Water (TU 91):

Treated Water (TU 91) – contracted

R1=	/ TG	R2=	/ TG	N1=	/ TG	N2=	/ TG
\$2.722		\$3.322		\$0.675		\$0.675	
with airgap water: $p * R1 + (p-m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)							

Untreated Water (TU 91) – no contract

Consumption (TG)	Per /TG
0 - 10,000	\$1.5590
11,000-20,000	\$1.4009
21,000-50,000	\$1.3212
51,000-150,000	\$1.2414
151,000 & up	\$1.2016

Reclaimed/ Untreated Water (TU 91) – contracted

Surcharge (S)	Quantity Charge (TG)
R= \$0.6232 /TG	\$0.6232

If  $(P - M) > 10\% M$ ,  $S = P * R * 5\%$  (M; Max. Qty in contract)

If you have further questions on these accounts, contact Lynette Howe in Contract Water at (832) 395-5205.

## Contract Sewer:

These rates vary, based on whether the contracting district has participated in capital outlays.

If you have further questions on these accounts, contact Lynette Howe in Contract Water at (832) 395-5205.

## Agricultural and Rice Farmers (TU 91):

Agricultural - General

<b>Quantity Charge (/MG)</b>	<b>\$127.17</b>
------------------------------	-----------------

Agricultural - Rice

<b>First Watering (/MG or /Acre)</b>	<b>\$127.17</b>
<b>Additional Watering (/MG or /Acre)</b>	<b>\$23.13</b>

If you have further questions on these accounts, contact Lynette Howe in Contract Water at (832) 395-5205.

## Groundwater Reduction Plan (GRP) Participants:

GRP:  $R * P * Q$  where

- R is the base rate for contract treated water customer receiving water through airgap
- P is the percentage reduction for groundwater production required for GRP participant
- Q is the quantity of groundwater produced by the GRP participant during the month.

<b>R1=</b>	\$2.722	<b>/ TG</b>	<b>R2=</b>	\$3.322	<b>/ TG</b>	<b>N1=</b>	\$0.675	<b>/ TG</b>	<b>N2=</b>	\$0.675	<b>/ TG</b>
with airgap water: $p * R1 + (p - m) * N1$ without airgap = $p * R2 + (p - m) * N2$ (p: total water delivery in the month, M: minimum monthly water quantity in contract)											

If you have further questions on these accounts, contact Lance Tillman at (832) 395-2470.

*For additional reference, see chart on next page.*

## Fee Schedule

Name	Description	Statutory Authority	Amount	As Of
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from 1,000 to 10,000,000 gallons, per 1,000 gallons	47-84(d)(1)	\$1.5590	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 10,000,000 to 20,000,000 gallons, per 1,000 gallons (in addition to Volume Charge for the first increment of 10,000,000 gallons)	47-84(d)(2)	\$1.4009	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 20,000,000 to 50,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000,000 gallons and for the second increment of 10,000,000 gallons)	47-84(d)(3)	\$1.3212	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume from over 50,000,000 to 150,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first increment of 10,000,000 gallons, the second increment of 10,000,000 gallons and the third increment of 30,000,000 gallons)	47-84(d)(4)	\$1.2414	4/1/2014
Water Rates	Untreated Water Sales No Contract Standard Rate for volume over 150,000,000 gallons, per 1,000 gallons (in addition to Volume Charges for the first 10,000,000 gallons, the second increment of 10,000,000 gallons, the third increment of 30,000,000 gallons and the fourth increment of 100,000,000 gallons)	47-84(d)(5)	\$1.2016	4/1/2014
Water Rates	Contract Untreated Water sold in excess of contract amount, per 1,000 gallons	47-85	\$0.6232	4/1/2014
Water Rates	Contract Untreated Water for agricultural use, general agriculture, per 1,000,000 gallons	47-89(b)(1)	\$127.17	4/1/2014
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, rate for first watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000,000 gallons actually used)	47-89(b)(2)a	\$127.17	4/1/2014
Water Rates	Contract Untreated Water for agricultural use, rice irrigation, Rate for each additional watering, per acre of contracted land (if diverted through a meter on canal / conveyance system - per 1,000,000 gallons actually used)	47-89(b)(2)b	\$23.13	4/1/2014

**Appendix D.**  
**Ordinance of Official Adoption of Water Conservation Plan**

**Appendix E.  
Letter to Region H**



**CITY OF HOUSTON**  
Public Works and Engineering Department

**Annise D. Parker**

Mayor

Dale A. Rudick, P.E.  
Director  
P.O. Box 1562  
Houston, Texas 77251-1562

[www.houstontx.gov](http://www.houstontx.gov)

September 30, 2014

Mr. Mark Evans  
Chair, Region H Water Planning Group  
3648 Cypress Creek Pkwy. #110  
Houston, TX 77068

**RE: 2014 Update of the Water Conservation Plan for the City of Houston**

Dear Mr. Evans:

Per enclosed, please find a copy of the 2014 update of the Water Conservation Plan for the City of Houston. This plan is an updated version of the plan submitted in 2009. In order to comply with 30 TAC Chapter 288, the City is required to notify Region H Water Planning Group of this update. A copy of this plan is also being provided to the Texas Water Development Board.

Respectfully,

Dale A. Rudick, P.E.  
Director

DAR:CEH:RB:tc

## **Appendix F.**

### **2013 Drought Contingency Plan**

The purpose of the Drought Contingency Plan is to establish policies and procedures for the City of Houston (City) to follow in case of a water shortage emergency. A water shortage emergency caused by drought or other uncontrollable circumstances which hinder the City of Houston's ability to meet water demand, can range from mild to critical and can disrupt the normal availability of water supplies. Therefore, it is important that the City establish this procedure so that guidelines exist in the event that a water shortage emergency occurs. The City of Houston Code Chapter 47, Article VII contains the policy regarding the actions the City will take in the event of a water shortage or emergency.

A copy of the plan is on file with both the Texas Water Development Board and the Texas Commission on Environmental Quality. A copy can also be found on the City of Houston's website at: <http://www.publicworks.houstontx.gov/utilities/dwsm.html>

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

ALL

20JSW91-AFA TxDOT 4 Installation of Traffic Signal Control Software

Agenda Item#: 19.

**Summary:**

ORDINANCE appropriating \$5,000.00 out of Metro Projects Construction DDSRF; approving and authorizing Advanced Funding Agreement between the City of Houston and the **TEXAS DEPARTMENT OF TRANSPORTATION** for Installation of Traffic Signal Control Software at Signalized Intersections within the City of Houston

**Background:**

**PROJECT NOTICE/JUSTIFICATION:** The Federal law established federally funded programs for transportation improvements to implement its public purposes, including Traffic Signal Control Software programs. The Texas Transportation Commission Minute Order Number 113948, authorizing the State to undertake and complete highway improvements by the installation of Traffic signal Control Software at signalized intersections within the City of Houston.

Under the Texas Transportation Commission, approval of this funding agreement will allow the City to be reimbursed 80% of the estimated cost. Though the final costs have not been determined, TxDOT will reimburse up to 2,400,000.00. Reimbursement will be through monthly billing as construction costs are incurred. The City will be responsible for the remaining 20% and the Department of Public Works and Engineering will be returning to Council at a later date with an RCA that will request approval of a contract and appropriation of the matching funds now estimated to be \$595,000.00. Also, per the terms of the funding agreement the City had previously agreed to pay \$5,000.00 for the Texas Department of Transportation's (TxDOT) direct state costs.

**DESCRIPTION/SCOPE:** This project consists of installing central and local software, the conversion of existing traffic signal timing plans to the new local software, and the integration of traffic devices into software throughout the City of Houston signal network the software will operate an Advanced Transportation Controllers located at signalized intersection within the City of Houston: The duration for this contract is for (2 years).

**Amount of Funding:**

\$5,000.00 from Fund 4040 - Metro Projects Construction DDSRF

**Source of Funding:**

Enterprise Fund

**Contact Information:**

Khang Nguyen, P.E., PTOE

Traffic Operations Division

**Phone:** (832) 395-3008

**ATTACHMENTS:**

Description	Type
☐ 20JSW91-AFA TxDOT 4 Installation of Traffic Signalized CAPION	Backup Material

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District K

20UPA196-Coop Dev Agree - HCMUD #498

Agenda Item#: 20.

**Summary:**

ORDINANCE approving and authorizing a cooperative development agreement between the City of Houston, **HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 498, PB COMMERCIAL, LLC, GGA/REDDY FAMILY LIMITED PARTNERSHIP, HRRT MANAGEMENT SERVICES, LLC, INTERNATIONAL BANK OF COMMERCE, MALLADI S. REDDY & PRAVANI REDDY, DOLEX INVESTMENTS, INC.** for Buffalo Speedway Design Modification; finding and determining that public convenience and necessity no longer require the continued use of (1) a portion of Buffalo Speedway, from the northern boundary line of the Wildcat Park Subdivision south approximately 2,100 feet, and (2) a portion of wildcat park drive, from the western boundary line of the wildcat park subdivision east approximately 1,264 feet, both within the Wildcat Park Subdivision, Harris County, Texas; vacating and abandoning the street rights-of-way to PB Commercial, LLC ("abutting owner"); approving and authorizing payment for related title services not to exceed \$100,000.00; approving and authorizing the execution and recording of a memorandum of street abandonment - **DISTRICT K - GREEN**

**Background:**

**SPECIFIC EXPLANATION:**

Under this agreement, Harris County Municipal Utility District No. 498 ("the District") will share costs and acquire property interests that it will provide the City of Houston (the "City"). In turn, the City will arrange to construct paving, drainage, and water lines as part of the part of the Paving Extension of Buffalo Speedway from West Bellfort road to West Airport Boulevard (WBS No. N-000784-0001-3) (the "Project") and pay title services not to exceed \$100,000.00 The City and District will split water line construction costs 70/30 similar to a 70% Residential Development Participation Program contract. The District will collect \$990,642.89 from banks, entities, and persons ("Developers") named above to pay for additional costs for changes to paving, drainage, and water lines made at their request (the "Redesign Costs"). The District will also collect all easements/rights of way for the major thoroughfare including paving, drainage, and water lines, and the future grade separation (the "Property Interests"). After the District provides the City with the Redesign Costs and Property Interests described above, the City will arrange to construct the Project A true-up will be held upon Project completion. The total cost of the Project is estimated to be \$16,058,909.00.

As a result of the redesign, the City no longer needs the rights of way on which the City originally intended to construct Buffalo Speedway and Wildcat Park Drive ("Old Route"). PB Commercial, the current underlying fee owner of the Old Route, requested that the City abandon the Old Route and, to that end, has obtained a survey, an appraisal, and no-objection letters from affected utility companies. The Joint Referral Committee found the Old Route to be surplus.

Therefore, it is recommended that an ordinance be passed authorizing the Mayor to execute the agreement, and authorize payments for title services not to exceed \$100,000.00 and that an ordinance be passed authorizing the abandonment and sale of the Old Route.

**Contact Information:**

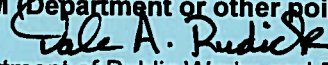
Mark L. Loethen, P.E., CFM, PTOE  
832-395-2705

**ATTACHMENTS:**

Description	Type
<input type="checkbox"/> 20UPA196-Coop Dev Agree - HCMUD #498 RCA	Backup Material

**TO: Mayor via City Secretary      REQUEST FOR COUNCIL ACTION**

<b>SUBJECT:</b> A Cooperative Development Agreement between the City of Houston and Harris County Municipal Utility District No. 498, (1) PB Commercial, LLC., (2) GGA/Reddy Family Limited Partnership, (3) HRRT Management Services, LLC, (4) International Bank of Commerce, (5) Malladi S. Reddy & Pravani Reddy, and (6) Dolex Investments, Inc. for Buffalo Speedway Design Modification; an Abandonment of Property with PB Commercial, LLC; and Approve and authorize payments for title services not to exceed \$100,000.00 for the Buffalo Speedway Design Modification	<b>Page</b> 1 of 1	<b>Agenda Item #</b>
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<b>FROM (Department or other point of origin):</b>  Department of Public Works and Engineering	<b>Origination Date</b>	<b>Agenda Date</b>
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<b>DIRECTOR'S SIGNATURE</b>  Dale Rudick, P.E., Acting Director	<b>Council District affected:</b> K Am 5
-----------------------------------------------------------------------	---------------------------------------------

<b>For additional information contact:</b>  Mark L. Loethen, P.E., CFM, PTOE 832-395-2705	<b>Date and identification of prior authorizing Council action:</b>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------

**RECOMMENDATION: (Summary)**  
 Adopt an ordinance approving the Cooperative Development Agreement between the City of Houston and Harris County Municipal Utility District No. 498 for the Buffalo Speedway Design Modification and an ordinance authorizing the abandonment and sale of a portion of Buffalo Speedway from the northern boundary line of the Wildcat Park subdivision south + 2,100 feet and a portion of Wildcat Park Drive from the western boundary line of the Wildcat Park subdivision east + 1,264 feet, located within the Wildcat Park Subdivision, being a partial replat of Tracts 1-7-B, 1-1-B, 1-1-C and 1-8-C of the J.J Settegast Partition Vol. 33, PG 26 H.C.M.R. and Joseph Kopman Survey, A-186. **Parcels SY14-115A, SY14-115B, and SY14-115C**


**Amount and Source of Funding:**  
  
 No additional funding required for title services (covered under Blanket Appropriation Ordinance 2013-0006)

**SPECIFIC EXPLANATION:**  
 Under this agreement, Harris County Municipal Utility District No. 498 ("the District") will share costs and acquire property interests that it will provide the City of Houston (the "City"). In turn, the City will arrange to construct paving, drainage, and water lines as part of the Paving Extension of Buffalo Speedway from West Bellfort Road to West Airport Boulevard (WBS No. N-000784-0001-3) (the "Project") and pay title services not to exceed \$100,000.00. The City and District will split water line construction costs 70/30 similar to a 70% Residential Developer Participation Program contract. The District will collect \$990,642.89 from banks, entities, and persons ("Developers") named above to pay for additional costs for changes to paving, drainage, and water lines made at their request (the "Redesign Costs"). The District will also collect all easements/rights of way for the major thoroughfare including paving, drainage, and water lines, and the future grade separation (the "Property Interests"). After the District provides the City with the Redesign Costs and Property Interests described above, the City will arrange to construct the Project. A true-up will be held upon Project completion. The total cost of the Project is estimated to be \$16,058,909.00.

As a result of the redesign, the City no longer needs the rights of way on which the City originally intended to construct Buffalo Speedway and Wildcat Park Drive ("Old Route"). PB Commercial, the current underlying fee owner of the Old Route, requested that the City abandon the Old Route and, to that end, has obtained a survey, an appraisal, and no-objection letters from affected utility companies. The Joint Referral Committee found the Old Route to be surplus.

Therefore, it is recommended that an ordinance be passed authorizing the Mayor to execute the agreement, and authorize payments for title services not to exceed \$100,000.00 and that an ordinance be passed authorizing the abandonment and sale of the Old Route.

cc: Marta Crinejo

<b>LTS 4274</b> Finance Department	<b>REQUIRED AUTHORIZATION</b>	<b>20UPA196</b>
	<b>Other Authorization:</b>  Mark L. Loethen, P.E., CFM, PTOE Deputy Director Planning and Development Services	<b>Other Authorization:</b>

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District I

20IMR93-Industrial TX Corp - Sims Bayou South Wastewater Treatment Plant Improvements

Agenda Item#: 21.

**Summary:**

ORDINANCE appropriating \$7,564,000.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **INDUSTRIAL TX, CORP.** for Sims Bayou South Wastewater Treatment Plant Improvements; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering, testing, CIP Cost Recovery, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund - **DISTRICT I - GALLEGOS**

**Background:**

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the city's program to make improvements to Sims Bayou South Wastewater Treatment Plant.

**DESCRIPTION/SCOPE:** This project consists of evaluating and making improvements to Preliminary treatment system including but not limited to: manual Bar Screen, three self-cleaning Mechanical Bar Screens, washing conveyor and the platform, Control system, preliminary treatment odor control system, sluice gates, electrical actuators, valves, structural evaluation of foundations, air lift pumps, evaluation of different types of grit removal system, their siting, and cost associated with each system and make recommendations.

The Contract duration for this project is 540 calendar days. This project was designed by Freese and Nichols, Inc.

**LOCATION:** The project area is located at 3005 Galveston Road. The project is located in Key Map Grid 535L.

**BIDS:** This project was advertised for bidding on May 30, 2014 and June 8, 2014. Bids were received on July 17, 2014. The five (5) bids received are as follows:

**Bidder Bid Amount**

1. Industrial TX Corp. \$ 6,695,405.00
2. LEM Construction Co., Inc. \$ 6,731,405.00
3. Pepper-Lawson Waterworks, LLC \$ 6,999,445.00
4. CSA Construction, Inc. \$ 7,409,305.00
5. CYMI Industrial, Inc. \$10,207,147.99

**AWARD:** It is recommended that this construction contract be awarded to Industrial TX Corp. with a low bid of \$6,695,405.00 and Addenda Numbers 1, 2 and 3 by made a part of this Contract.

**PROJECT COST:** The total cost of this project is \$7,564,000.00 to be appropriated as follows:

- Bid Amount \$6,695,405.00
- Contingencies \$ 334,770.25
- Engineering and Testing Services \$ 65,000.00
- CIP Cost Recovery \$ 468,824.25

Engineering and Testing Services will be provided by Geoscience Engineering and Testing, Inc. under a previously approved contract.

**HIRE HOUSTON FIRST:**

The proposed contract requires compliance with the City's 'Hire Houston First' ordinance that promotes economic opportunity for Houston business and supports job creation. In this case, the proposed contractor meets the requirements of Hire Houston First.

**PAY or PLAY PROGRAM:**

The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides benefits for some employees but will pay into the Contractor Responsibility Fund for others, in compliance with City policy.

**M/WSBE PARTICIPATION:** The Contractor has submitted the following proposed program to satisfy the 11% MBE goal, 7% WBE goal for this project.

<b>MBE – Name of Firms</b>	<b>Work Description</b>	<b>Amount</b>	<b>% of Contract</b>
C & B Rebar Construction, Inc.	Rebar Installation	\$71,000.00	1.06%
Medcalf Fabrication, Inc.	Metal Fabrication	\$310,000.00	4.63%
Atlantic Petroleum & Mineral Resources, Inc.	Fuel Supplier	\$15,000.00	0.22%
Escalante Construction, Inc.	Concrete Construction	\$120,000.00	1.79%
Magna-Flow International, Inc. DBA Magna-Flow Environmental	Solid Waste Collection	\$190,000.00	2.84%
	<b>TOTAL</b>	<b>\$706,000.00</b>	<b>10.54%</b>

<b>WBE – Name of Firms</b>	<b>Work Description</b>	<b>Amount</b>	<b>% of Contract</b>
Fleetcard Inc	Fuel Management Services	\$15,000.00	0.22%
Macaulay Controls Company	Instrumentation And Controls	\$130,000.00	1.94%
Aviles Painting Contractor	Painting Services	\$35,000.00	0.52%
Bevco Company, Inc.	Pipe Supplier	\$202,000.00	3.02%
Deanie Hayes, Inc.	Aggregates, Sand, Fill	\$2,000.00	0.03%
	<b>TOTAL</b>	<b>\$384,000.00</b>	<b>5.73%</b>

<b>SBE – Name of Firms</b>	<b>Work Description</b>	<b>Amount</b>	<b>% of Contract</b>
Automation Nation, Inc.	Computer System Design	\$99,600.00	1.49%
Aggregate Technologies, Inc.	Concrete Sawing	\$50,120.00	0.75%
	<b>TOTAL</b>	<b>\$149,720.00</b>	<b>2.24%</b>

All known rights-of-way, easements and/or right-of-entry required for the project have been acquired.

**Amount of Funding:**

\$7,564,000.00 Water and Sewer System Consolidated Construction Fund No. 8500

**Source of Funding:**

Enterprise Fund

**Contact Information:**

Ravi Kaleyatodi, P.E., CPM

Senior Assistant Director

**Phone:** (832) 395-2326

**ATTACHMENTS:**

Description	Type
☐ RCA	Backup Material
☐ Ord	Backup Material
☐ Maps	Backup Material
☐ clear tax	Backup Material
☐ Affidavit/Form A & B	Backup Material
☐ backup	Backup Material

<b>SUBJECT:</b> Contract Award for Sims Bayou South Wastewater Treatment Plant Improvements. WBS No. R-000265-0092-4		<b>Page</b> 1 of 2	<b>Agenda Item #</b>
<b>FROM: (Department or other point of origin):</b> Department of Public Works and Engineering	<b>Origination Date:</b>	<b>Agenda Date:</b>	
<b>Director's Signature:</b>  Dale A. Rudick, P.E., Acting Director	<b>Council District affected:</b> 1 <span style="margin-left: 150px;">1MR</span>		
<b>For additional information contact:</b>  Ravi Kaleyatodi, P.E., CPM      Phone: (832) 395-2326 Senior Assistant Director	<b>Date and identification of prior authorizing Council action:</b>		

**RECOMMENDATION: (Summary)**  
 Accept low bid, award construction Contract and appropriate funds.

**Amount and Source of Funding:** \$7,564,000.00 Water and Sewer System Consolidated Construction Fund No. 8500.  
W.P. 8/25/2014

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the City's program to make improvements to Sims Bayou South Wastewater Treatment Plant.

**DESCRIPTION/SCOPE:** This project consists of evaluating and making improvements to Preliminary treatment system including but not limited to: manual Bar Screen, three self-cleaning Mechanical Bar Screens, washing conveyor and the platform, Control system, preliminary treatment odor control system, sluice gates, electrical actuators, valves, structural evaluation of foundations, air lift pumps, evaluation of different types of grit removal system, their sitting, and cost associated with each system and make recommendations.



The Contract duration for this project is 540 calendar days. This project was designed by Freese and Nichols, Inc.

**LOCATION:** The project area is located at 3005 Galveston Road. The project is located in Key Map Grid 535L.

**BIDS:** This project was advertised for bidding on May 30, 2014 and June 6, 2014. Bids were received on July 17, 2014. The five (5) bids are as follows:

<u>Bidder</u>	<u>Bid Amount</u>
1. Industrial TX Corp.	\$ 6,695,405.00
2. LEM Construction Co, Inc.	\$ 6,731,405.00
3. Pepper-Lawson Waterworks LLC	\$ 6,999,445.00
4. CSA Construction, Inc.	\$ 7,409,305.00
5. CYMI Industrial, Inc.	\$10,207,147.99

**LTS No. 12879** **CUIC ID #20IMR93**

<b>Finance Department:</b>	<b>Other Authorization:</b>  Jun Chang, P.E., D.WRE, Deputy Director Public Utilities Division	<b>Other Authorization:</b>  Daniel R. Menendez, P.E., Deputy Director Engineering and Construction Division
----------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**AWARD:** It is recommended that this construction contract be awarded to Industrial TX Corp. with a low bid of \$6,695,405.00 and Addenda Numbers 1, 2 and 3 be made a part of this Contract.

**PROJECT COST:** The total cost of this project is \$7,564,000.00 to be appropriated as follows:

- Bid Amount \$6,695,405.00
- Contingencies \$ 334,770.25
- Engineering and Testing Services \$ 65,000.00
- CIP Cost Recovery \$ 468,824.75

Engineering and Testing Services will be provided by Geoscience Engineering and Testing, Inc. under a previously approved contract.

**HIRE HOUSTON FIRST:**

The proposed contract requires compliance with the City's 'Hire Houston First' ordinance that promotes economic opportunity for Houston business and supports job creation. In this case, the proposed contractor meets the requirements of Hire Houston First.

**PAY OR PLAY PROGRAM:**

The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Contractor provides benefits for some employees but will pay into the Contractor Responsibility Fund for others, in compliance with City policy.

**MWSBE PARTICIPATION:** The Contractor has submitted the following proposed program to satisfy the 11% MBE goal, 7% WBE goal for this project.

<u>MBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. C & B Rebar Construction, Inc.	Rebar Installation	\$ 71,000.00	1.06%
2. Medcalf Fabrication, Inc.	Metal Fabrication	\$310,000.00	4.63%
3. Atlantic Petroleum & Mineral Resources, Inc.	Fuel Supplier	\$ 15,000.00	0.22%
4. Escalante Construction, Inc.	Concrete Construction	\$120,000.00	1.79%
5. Magna-Flow International, Inc., DBA Magna-Flow Environmental	Solid Waste Collection	<u>\$190,000.00</u>	<u>2.84%</u>
	<b>TOTAL</b>	<b>\$706,000.00</b>	<b>10.54%</b>

<u>WBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Fleetcard Inc	Fuel Management Services	\$ 15,000.00	0.22%
2. Macaulay Controls Company	Instrumentation And Controls	\$130,000.00	1.94%
3. Aviles Painting Contractor	Painting Services	\$ 35,000.00	0.52%
4. Bevco Company, Inc.	Pipe supplier	\$202,000.00	3.02%
5. Deanie Hayes, Inc.	Aggregates, Sand, Fill	<u>\$ 2,000.00</u>	<u>0.03%</u>
	<b>TOTAL</b>	<b>\$384,000.00</b>	<b>5.73%</b>

<u>SBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
1. Automation Nation, Inc.	Computer System Design	\$ 99,600.00	1.49%
2. Aggregate Technologies, Inc.	Concrete Sawing	<u>\$ 50,120.00</u>	<u>0.75%</u>
	<b>TOTAL</b>	<b>\$149,720.00</b>	<b>2.24%</b>

All known rights-of-way, easements and/or right-of-entry required for the project have been acquired.

*[Signature]*  
 DAR:DRM:RK:EN:IMR:fs:pa  
 c: File No. R-000265-0092-4

201MR93

Controller's Office

To the Honorable Mayor and City Council of the City of Houston, Texas:

I hereby certify, with respect to the money required for the contract, agreement, obligation, or expenditure contemplated by the ordinance set out below that:

- ( ) Funds have been encumbered out of funds previously appropriated for such purpose.
- ( ) Funds have been certified and designated to be appropriated by separate ordinance to be approved prior to the approval of the ordinance set out below.
- ( ) Funds will be available out of current or general revenue prior to the maturity of any such obligation.
- ( ) No pecuniary obligation is to be incurred as a result of approving the ordinance set out below.
- ( ) The money required for the expenditure or expenditures specified below is in the treasury, in the fund or funds specified below, and is not appropriated for any other purposes.
- ( ) A certificate with respect to the money required for the expenditure or expenditures specified below is attached hereto and incorporated hereby by this reference.
- ( ) Other - Grant Funds Available

Date: \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
City Controller of the City of Houston, Texas

FUND REF:	AMOUNT:	ENCUMB. NO.:

City of Houston, Texas Ordinance No. \_\_\_\_\_

**AN ORDINANCE APPROPRIATING THE SUM OF \$7,564,000.00 OUT OF THE WATER AND SEWER SYSTEM CONSOLIDATED CONSTRUCTION FUND, AWARDING A CONTRACT TO INDUSTRIAL TX, CORP. FOR SIMS BAYOU SOUTH WASTEWATER TREATMENT PLANT IMPROVEMENTS; SETTING A DEADLINE FOR THE BIDDER'S EXECUTION OF THE CONTRACT AND DELIVERY OF ALL BONDS, INSURANCE, AND OTHER REQUIRED CONTRACT DOCUMENTS TO THE CITY; HOLDING THE BIDDER IN DEFAULT IF IT FAILS TO MEET THE DEADLINES; PROVIDING FUNDING FOR ENGINEERING, TESTING, CIP COST RECOVERY, AND CONTINGENCIES RELATING TO CONSTRUCTION OF FACILITIES FINANCED BY THE WATER AND SEWER SYSTEM CONSOLIDATED CONSTRUCTION FUND; AND DECLARING AN EMERGENCY.**

\* \* \* \*

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOUSTON, TEXAS:**

Section 1. The City Council appropriates the sum or sums of money set out in the title of this Ordinance, out of the respective fund or funds set out in such title as follows: The sum of **\$7,030,175.25** is appropriated for construction of the project described in the title, the sum of **\$468,824.75** is appropriated for CIP cost recovery relating to construction of facilities financed by the funds described in such title, the sum of **\$65,000.00** is appropriated for engineering testing under Outline Agreement No. **4600012048**. In the event there are unspent funds remaining in the Construction Appropriation after construction and closeout of the project, such unspent funds are appropriated for CIP Cost Recovery relating to construction of facilities financed by the fund described in the title.

Section 2. Having duly advertised for and received competitive bids for the work described in the title of this ordinance, the City Council hereby finds and determines that the lowest responsible bid was submitted by the bidder named in the title hereof in the amount of **\$6,695,405.00**. The Contract for said work is hereby awarded to said bidder. The bidder must execute the contract and deliver to the City's Director of the Department of Public Works and Engineering (Director) all required bonds, insurance certificates, MWBE information, and all other contract documents required to be provided in post bid procedures in a form acceptable to the City Attorney within 10 days of the date of passage of this Ordinance by City Council. If the bidder does so, the Mayor is hereby authorized to execute the contract.

Section 3. If bidder fails to comply by the above deadline, it shall be in default. The Director shall give the bidder notice of default. The Director shall give the bidder notice of default and recommend award of the contract to the next lowest bidder. The City Attorney is authorized to forfeit the bid bond of the bidder. The City Council hereby approves and authorizes the construction contract described in the title of this ordinance, in form prepared by the Department of Public Works and Engineering and on file in that Department. Any addenda or modifications to such contract issued by that Department shall be included in the contract. Any alternate bid items recommended for acceptance by that Department shall be included in the contract. The Mayor is hereby authorized to execute such document and all related documents (including any related surety bonds) on behalf of the City of Houston, Texas. The City Secretary is hereby authorized to attest to all such signatures and to affix the seal of the City to all such documents.

Section 4. The Mayor is hereby authorized to take all actions necessary to effectuate the City's intent and objectives in approving such agreement, agreements or other undertaking referenced in the title of this ordinance, in the event of changed circumstances.

Section 5. The City Attorney is hereby authorized to take all action necessary to enforce all legal obligations under said contract without further authorization from Council.

Section 6. There exists a public emergency requiring that this Ordinance be passed finally on the date of its introduction as requested in writing by the Mayor; therefore, this Ordinance shall be passed finally on such date and shall take effect immediately upon its passage and approval by the Mayor; however, in the event that the Mayor fails to sign this Ordinance within five days after its passage and adoption, it shall take effect in accordance with Article VI, Section 6, Houston City Charter.

**PASSED AND ADOPTED** this \_\_\_ day of \_\_\_\_\_, 20\_\_.

**APPROVED** this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Mayor of the City of Houston, Texas

Pursuant to Article VI, Section 6, Houston City Charter, the effective date of the foregoing Ordinance is \_\_\_\_\_.

\_\_\_\_\_  
City Secretary

Requested by: Daniel R. Menendez, P.E., Acting Director  
Dept. of Public Works and Engineering

(Contact: Iraj M. Ranjbar, P.E.)  
(Phone: 832-395-2303)

This Ordinance and/or Contract has (have) been reviewed as to form by the undersigned legal assistant and has (have) been found to meet established Legal Department criteria. The Legal Department has not reviewed the content of these documents.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Legal Assistant

## CERTIFICATE OF CITY CONTROLLER

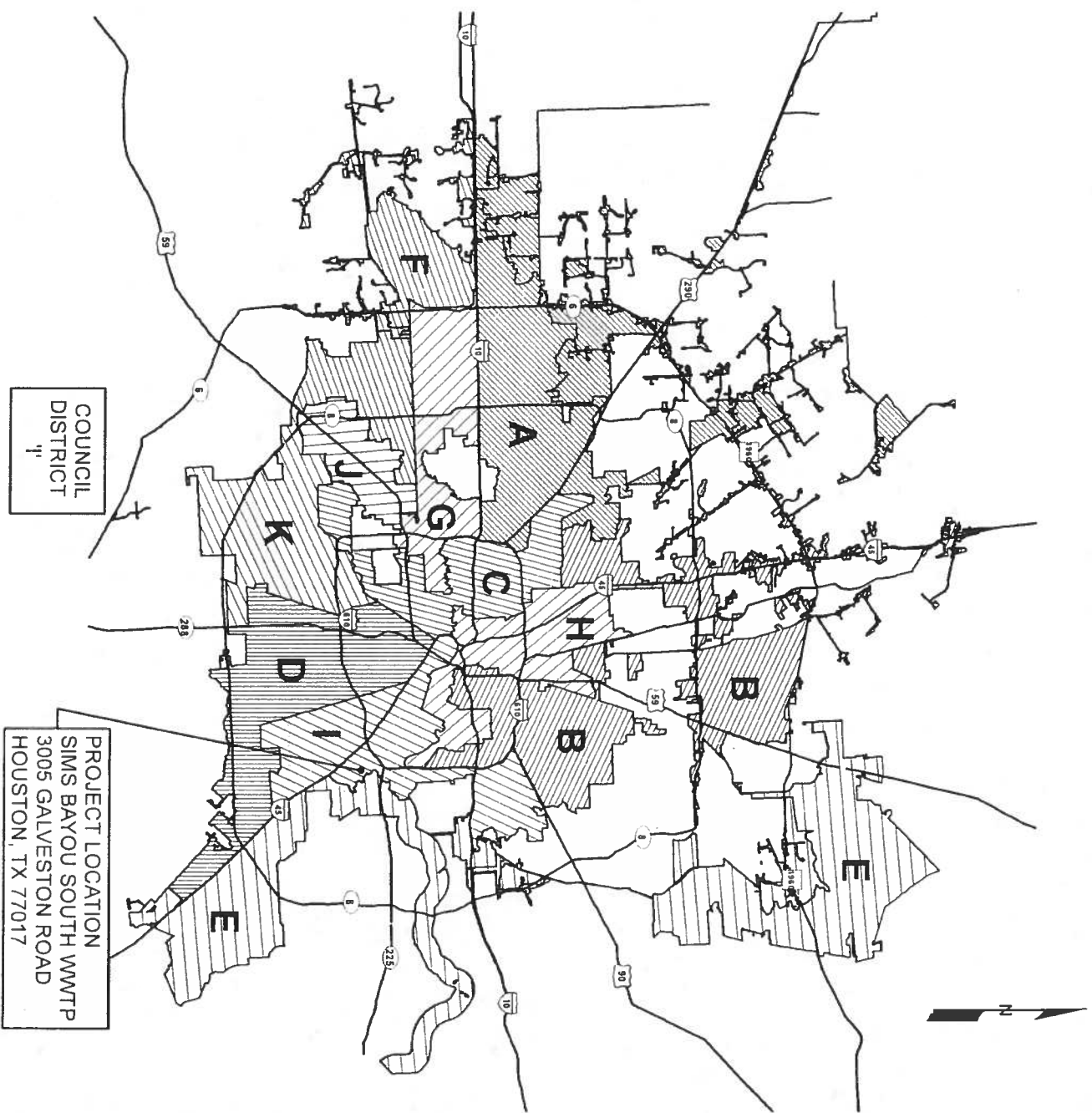
I, Ronald C. Green, Controller of the City of Houston, Texas, pursuant to Article II, Section 19a of the Charter of the City of Houston, Texas, with respect to the sum of **\$7,564,000.00** required for the project referenced in the title of this ordinance, do hereby certify as follows:

1. Water and Sewer System Consolidated Construction Fund:

- (a) The sum of **\$7,564,000.00** will be funded from water and sewer system bond proceeds and/or water and sewer system commercial paper proceeds (first-in-first-out basis) pursuant to Ordinance No. 93-1409 authorizing the creation of the Water and Sewer System Consolidated Construction Fund. To the extent that this sum will be paid with bond proceeds, it is in the treasury in the said fund, and is not appropriated for any other purpose.
- (b) To the extent that the **\$7,564,000.00** will be paid by commercial paper proceeds, funds will be received into the treasury and available before the maturity of said obligation, and said anticipated funds have not already been appropriated for any other purpose. Such sum will be received as a cash draw(s) to the City of Houston, Texas pursuant to the Water and Sewer System Commercial Paper Ordinance, Ordinance No. 93-1209.

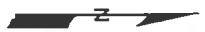
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City Controller



COUNCIL DISTRICT

PROJECT LOCATION  
SIMS BAYOU SOUTH WWTP  
3005 GALVESTON ROAD  
HOUSTON, TX 77017



- COUNCIL DISTRICTS**
- A -- HELENA BROWN
  - B -- JERRY DAVIS
  - C -- ELLEN R. COHEN
  - D -- WANDA ADAMS
  - E -- MIKE SULLIVAN
  - F -- AL HOANG
  - G -- OLIVER PENNINGTON
  - H -- EDWARD GONZALEZ
  - I -- JAMES G. RODRIGUEZ
  - J -- MIKE LASTER
  - K -- LARRY GREEN
- AT LARGE 1 -- STEPHEN C. COSTELLO  
 AT LARGE 2 -- ANDREW C. BURKS, JR.  
 AT LARGE 3 -- MELISSA NORIEGA  
 AT LARGE 4 -- C.O. BRADFORD  
 AT LARGE 5 -- JACK CHRISTIE

**PROJECT LOCATION MAP  
SIMS BAYOU SOUTH WWTP**

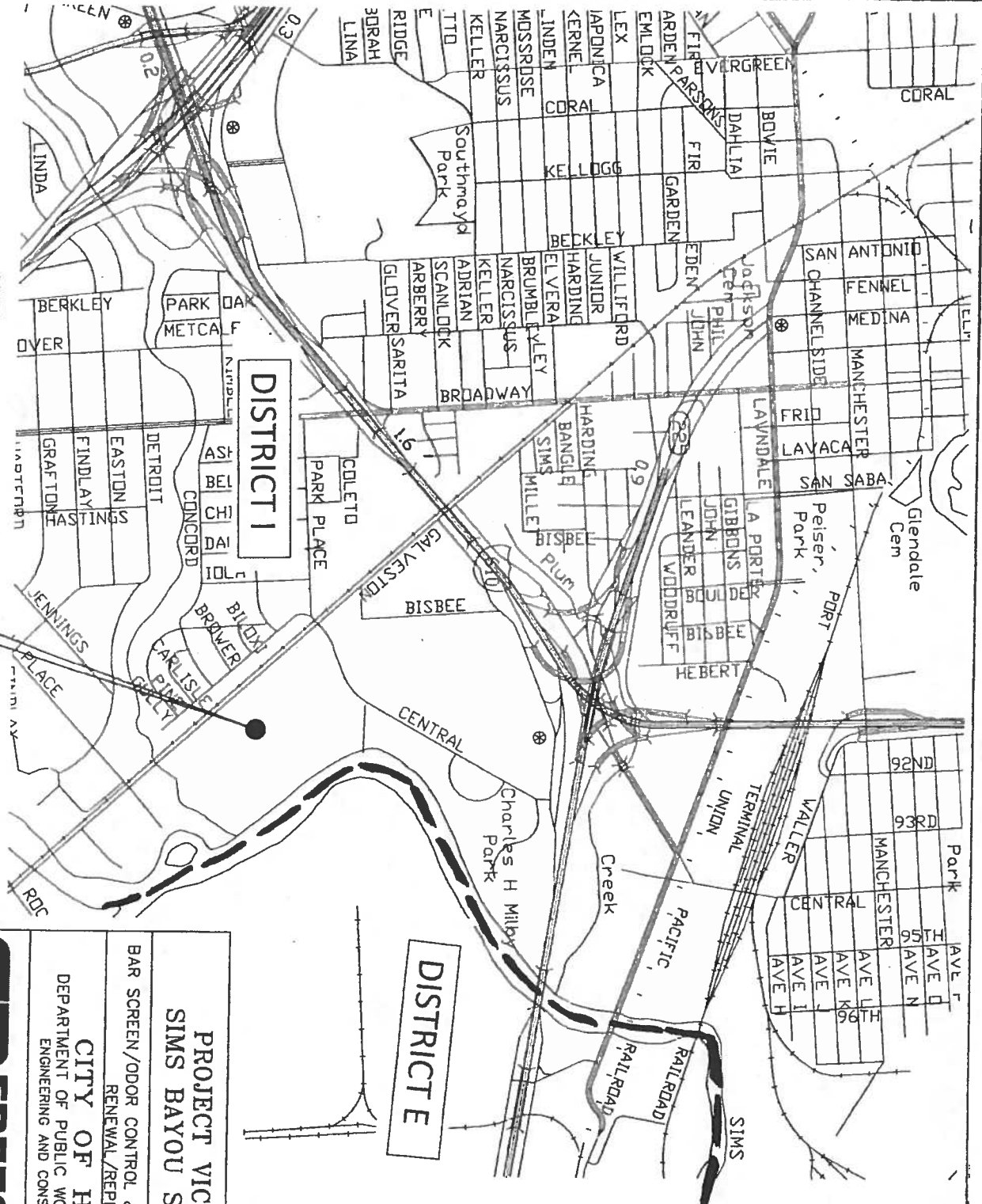
BAR SCREEN/ODOR CONTROL & GRIT REMOVAL SYSTEMS  
RENEWAL/REPLACEMENT

**CITY OF HOUSTON**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
ENGINEERING AND CONSTRUCTION DIVISION

**FRIESE & NICHOLS**  
3100 Wilcrest, Suite 200  
Houston, Texas 77047  
Phone - (713) 604 6800  
Fax - (713) 600 6803

WB5 No. R-000265-0092-3

SCALE - 1 INCH = 8 MILES DATE - January, 2012



**PROJECT LOCATION**  
 SIMS BAYOU SOUTH WWTP  
 3005 GALVESTON ROAD  
 HOUSTON, TX 77017

**DISTRICT I**

**DISTRICT E**

**PROJECT VICINITY MAP**  
 SIMS BAYOU SOUTH WWTP

BAR SCREEN/ODOR CONTROL & GRIT REMOVAL SYSTEMS  
 RENEWAL/REPLACEMENT

**CITY OF HOUSTON**  
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 ENGINEERING AND CONSTRUCTION DIVISION



**FREESE  
 & NICHOLS**  
 3100 Westcreek, Suite 200  
 Houston, Texas 77042  
 Phone - (713) 800-6800  
 Fax - (713) 600-6801

WBS No. R-000265-0092-3

SCALE: N.T.S.

DATE : SEPTEMBER 2011

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

20JAI519-PM Construction & Rehab, LLC - WW Collection System Rehab & Renewal

Agenda Item#: 22.

**Summary:**

ORDINANCE appropriating \$2,767,566.00 out of Water & Sewer System Consolidated Construction Fund; awarding contract to **PM CONSTRUCTION & REHAB, LLC** for Wastewater Collection System Rehabilitation and Renewal; setting a deadline for the bidder's execution of the contract and delivery of all bonds, insurance, and other required contract documents to the City; holding the bidder in default if it fails to meet the deadlines; providing funding for engineering and testing, and contingencies relating to construction of facilities financed by the Water & Sewer System Consolidated Construction Fund (WW4235-74)

**Background:**

**SPECIFIC EXPLANATION:** This project is part of the Neighborhood Sewer Rehabilitation Program and is required to renew/replace various deteriorated collection systems throughout the City.

**DESCRIPTION/SCOPE:** This project consists of sanitary sewer rehabilitation by point repair method. The contract duration for this project is 540 calendar days.

**LOCATION:** The project area is generally bounded by the City Limits.

**BIDS:** Three (3) bids were received on May 29, 2014 for this project as follows:

**Bidder Bidder Amount**

1. PM Construction & Rehab, LLC \$2,607,205.69
2. Calco Contracting, LTD \$2,797,848.30
3. Grava LLC \$2,826,091.65

**AWARD:** It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC with a low bid of \$2,607,205.69.

**PROJECT COST:** The total cost of this project is \$2,767,566.00 to be appropriated as follows:

- Bid Amount \$2,607,205.69
- Contingencies \$ 130,360.31
- Engineering Testing Services \$ 30,000.00

Engineering Testing Services will be provided by Coastal Testing Laboratories, Inc. under an previously approved contract.

**HIRE HOUSTON FIRST:** Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

**PAY or PLAY PROGRAM:** The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**M/WSE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 12.94% MBE goal, and 8.72% WBE goal for this project.

MBE – Name of Firms	Work Description	Amount	% of Contract
Chief Solutions, Inc. DBA Chief	Clean & Television	\$104,288.23	4.00%

Environmental Surveys, Inc.	Sewer Lines		
5M Rope & Supply, LLC	Supplies	\$38,325.92	1.47%
J. A. Gamez Trucking Services	Dump Truck Services	\$26,072.06	1.00%
MMG Contractors LLC	Point Repairs	\$168,686.21	6.47%
	<b>TOTAL</b>	<b>\$337,372.42</b>	<b>12.94%</b>

WBE – Name of Firms	Work Description	Amount	% of Contract
CBL Industries, LLC	Pavement Restoration	\$78,216.17	3.00%
Deanie Hayes, Inc.	Supplies	\$52,144.11	2.00%
Advantage Manhole & Concrete Services, Inc.	Manhole Rehabilitation	\$96,988.05	3.72%
	<b>TOTAL</b>	<b>\$227,348.33</b>	<b>8.72%</b>

All known rights-of-way and easements required for this project have been acquired.

**Amount of Funding:**

\$2,767,566.00 from Water and Sewer System Consolidated Construction Fund No. 8500. This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.

**Source of Funding:**

Enterprise Fund

**Contact Information:**

Jason Iken, P.E.  
Senior Assistant Director  
**Phone:** (832) 395-4989

**ATTACHMENTS:**

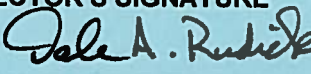


Description	Type
☐ 20JAI519-PM Construction & Rehab, LLC - RCA	Backup Material
☐ 20JAI519-PM Construction & Rehab, LLC - ORD	Ordinance/Resolution/Motion
☐ 20JAI519-PM Construction & Rehab, LLC - MAP	Backup Material
☐ 20JAI519-PM Construction & Rehab, LLC - Pay or Play Program	Backup Material
☐ 20JAI519-PM Construction & Rehab, LLC - Delinquent	Backup Material

Tax Form

- ▣ 20JAI519-PM Construction & Rehab, LLC - Fair Campaign Program
- ▣ 20JAI519-PM Construction & Rehab, LLC -

Backup Material

Financial Information

<b>SUBJECT:</b> Contract Award for Wastewater Collection System Rehabilitation and Renewal WBS# R-000266-0214-4		<b>Page</b> 1 of 2	<b>Agenda Item</b> #
<b>FROM (Department or other point of origin):</b> Department of Public Works and Engineering		<b>Origination Date</b>	<b>Agenda Date</b>
<b>DIRECTOR'S SIGNATURE</b>  Dale A. Rudick, P.E., Acting Director		<b>Council District affected:</b> All	
<b>For additional information contact:</b> Jason Iken, P.E. Senior Assistant Director  <b>Phone:</b> (832) 395-4989		<b>Date and identification of prior authorizing Council action:</b> N/A	
<b>RECOMMENDATION: (Summary)</b> Accept low bid, award construction contract, and appropriate funds.			
<b>Amount and Source of Funding:</b> \$2,767,566.00 from Water and Sewer System Consolidated Construction Fund No. 8500. This project is eligible for low interest funding through a State Revolving Fund (SRF) Equivalency loan.		<i>M.P. 8/27/2014</i>	
<b>SPECIFIC EXPLANATION:</b> This project is part of the Neighborhood Sewer Rehabilitation Program and is required to renew/replace various deteriorated neighborhood collection systems throughout the City.			
<b>DESCRIPTION/SCOPE:</b> This project consists of sanitary sewer rehabilitation by point repair method. The contract duration for this project is 540 calendar days.			
<b>LOCATION:</b> The project area is generally bounded by the City Limits.			
<b>BIDS:</b> Three (3) bids were received on May 29, 2014 for this project as follows:			
<b>Bidder</b>		<b>Bid Amount</b>	
1. PM Construction & Rehab, LLC		\$2,607,205.69	
2. Calco Contracting, LTD		\$2,797,848.30	
3. Grava LLC		\$2,826,091.65	
<b>LTS No. 12864</b> <b>File/Project No. WW 4235-74</b>		<b>REQUIRED AUTHORIZATION</b>	
		<b>CUIC# 20JAI519</b>	
<b>Finance Department</b>	<b>Other Authorization:</b>	<b>Other Authorization:</b>  Jun Chang P.E., D.WRE, Deputy Director Public Utilities Division	

<b>Date</b>	<b>Subject:</b> Contract Award for Wastewater Collection System Rehabilitation and Renewal WBS# R-000266-0214-4	<b>Originator's Initials</b>	<b>Page</b> 2 of 2
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**AWARD:** It is recommended that this construction contract be awarded to PM Construction & Rehab, LLC, with a low bid of \$2,607,205.69.

**PROJECT COST:** The total cost of this project is \$2,767,566.00 to be appropriated as follows:

- Bid Amount \$2,607,205.69
- Contingencies \$130,360.31
- Engineering Testing Services \$30,000.00

Engineering Testing Services will be provided by Coastal Testing Laboratories, Inc. under a previously approved contract.

**HIRE HOUSTON FIRST:** Hire Houston First does not apply to this expenditure, because it involves the use of federal funds and is subject to specific procurement rules of the federal government.

**PAY OR PLAY PROGRAM:** The proposed contract requires compliance with the City's Pay or Play ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees in compliance with City policy.

**M/WSBE PARTICIPATION:** The contractor has submitted the following proposed program to satisfy the 12.94% MBE goal, and 8.72% WBE goal for this project.

<u>MBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
Chief Solutions, Inc., DBA Chief Environmental Surveys, Inc.	Clean & Televiser Sewer Lines	\$104,288.23	4.00%
5M Rope & Supply, LLC	Supplies	\$38,325.92	1.47%
J. A. Gamez Trucking Services	Dump Truck Services	\$26,072.06	1.00%
MMG Contractors LLC	Point Repairs	\$168,686.21	6.47%
	<b>TOTAL</b>	<b>\$337,372.42</b>	<b>12.94%</b>

<u>WBE - Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Contract</u>
CBL Industries, LLC	Pavement Restoration	\$78,216.17	3.00%
Deanie Hayes, Inc.	Supplies	\$52,144.11	2.00%
Advantage Manhole & Concrete Services, Inc.	Manhole Rehabilitation	\$96,988.05	3.72%
	<b>TOTAL</b>	<b>\$227,348.33</b>	<b>8.72%</b>

All known rights-of-way and easements required for this project have been acquired.

*UBLT*

DAR:JC:JI:DR:MB:LT:al

File No. WW 4235-74



**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOUSTON, TEXAS:**

Section 1. The City Council appropriates the sum or sums of money set out in the title of this Ordinance, out of the respective fund or funds set out in such title as follows: The sum of \$2,737,566.00 is appropriated for construction of the project described in the title, the sum of \$30,000.00 is appropriated for engineering testing under Outline Agreement # 4600012046.

Section 2. Having duly advertised for and received competitive bids for the work described in the title of this ordinance, the City Council hereby finds and determines that the lowest responsible bid was submitted by the bidder named in the title hereof in the amount of \$2,607,205.69. The Contract for said work is hereby awarded to said bidder. The bidder must execute the contract and deliver to the City's Director of the Department of Public Works and Engineering (Director) all required bonds, insurance certificates, MWBE information, and all other contract documents required to be provided in post bid procedures in a form acceptable to the City Attorney within 10 days of the date of passage of this Ordinance by City Council. If the bidder does so, the Mayor is hereby authorized to execute the contract.

Section 3. If bidder fails to comply by the above deadline, it shall be in default. The Director shall give the bidder notice of default. The Director shall give the bidder notice of default and recommend award of the contract to the next lowest bidder. The City Attorney is authorized to forfeit the bid bond of the bidder. The City Council hereby approves and authorizes the construction contract described in the title of this ordinance, in form prepared by the Department of Public Works and Engineering and on file in that Department. Any addenda or modifications to such contract issued by that Department shall be included in the contract. Any alternate bid items recommended for acceptance by that Department shall be included in the contract. The Mayor is hereby authorized to execute such document and all related documents (including any related surety bonds) on behalf of the City of Houston, Texas. The City Secretary is hereby authorized to attest to all such signatures and to affix the seal of the City to all such documents.

Section 4. The Mayor is hereby authorized to take all actions necessary to effectuate the City's intent and objectives in approving such agreement, agreements or other undertaking referenced in the title of this ordinance, in the event of changed circumstances.

Section 5. The City Attorney is hereby authorized to take all action necessary to enforce all legal obligations under said contract without further authorization from Council.

Section 6. There exists a public emergency requiring that this Ordinance be passed finally on the date of its introduction as requested in writing by the Mayor; therefore, this Ordinance shall be passed finally on such date and shall take effect immediately upon its passage and approval by the Mayor; however, in the event that the Mayor fails to sign this Ordinance within five days after its passage and adoption, it shall take effect in accordance with Article VI, Section 6, Houston City Charter.

**PASSED AND ADOPTED** this \_\_\_ day of \_\_\_\_\_, 20\_\_.

**APPROVED** this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Mayor of the City of Houston, Texas

Pursuant to Article VI, Section 6, Houston City Charter, the effective date of the foregoing Ordinance is \_\_\_\_\_.

\_\_\_\_\_  
City Secretary

Requested by: Dale A. Rudick, P.E., Acting Director  
Dept. of Public Works and Engineering  
File No. **4235-74**

(Contact: Mary Bac, P.E.  
Phone: 832-395-4992)

This Ordinance and/or Contract has (have) been reviewed as to form by the undersigned legal assistant and has (have) been found to meet established Legal Department criteria. The Legal Department has not reviewed the content of these documents.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Legal Assistant

**CERTIFICATE OF CITY CONTROLLER**

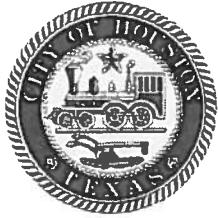
I, Ronald C. Green, Controller of the City of Houston, Texas, pursuant to Article II, Section 19a of the Charter of the City of Houston, Texas, with respect to the sum of **\$2,767,566.00** required for the project referenced in the title of this ordinance, do hereby certify as follows:

1. **Water and Sewer System Consolidated Construction Fund:**

- (a) The sum of **\$2,767,566.00** will be funded from water and sewer system bond proceeds and/or water and sewer system commercial paper proceeds (first-in-first-out basis) pursuant to Ordinance No. 93-1409 authorizing the creation of the Water and Sewer System Consolidated Construction Fund. To the extent that this sum will be paid with bond proceeds, it is in the treasury in the said fund, and is not appropriated for any other purpose.
  
- (b) To the extent that the **\$2,767,566.00** will be paid by commercial paper proceeds, funds will be received into the treasury and available before the maturity of said obligation, and said anticipated funds have not already been appropriated for any other purpose. Such sum will be received as a cash draw(s) to the City of Houston, Texas pursuant to the Water and Sewer System Commercial Paper Ordinance, Ordinance No. 93-1209.

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City Controller, City of Houston, TX



# CITY OF HOUSTON

Public Works and Engineering  
Department

## Interoffice

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Correspondence

**To:** Agenda Director

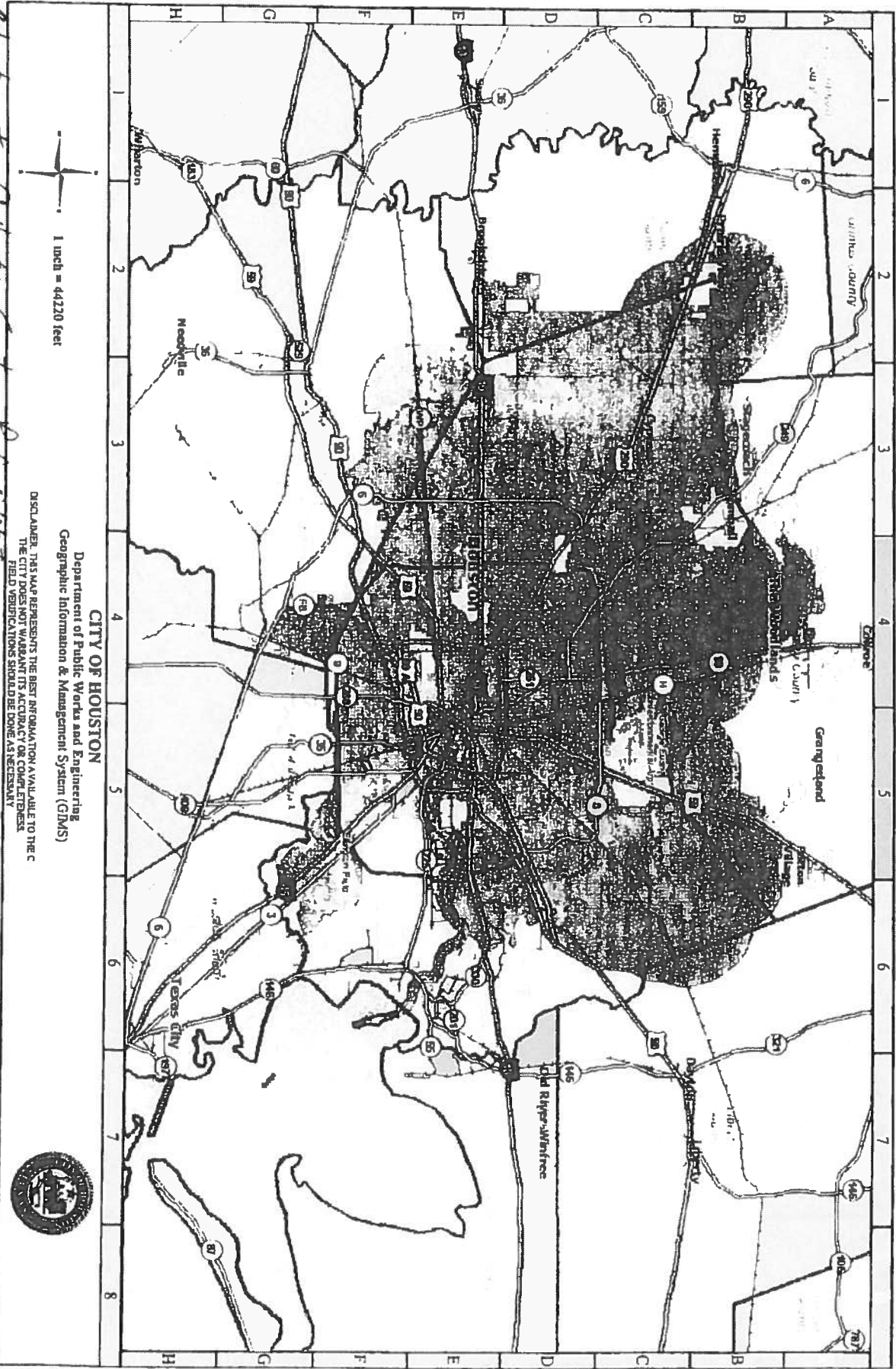
**From:** PWE Agenda Office

**Date:** June 4, 2014

**Subject:** RCA PM CONSTRUCTION & REHAB,  
LLC

The tax report issued by the Controller's office on 4/09/2014 for is valid for **PM CONSTRUCTION & REHAB, LLC RCA NO: R-000266-0214-4.**

Attachment



1 inch = 44,220 feet

**CITY OF HOUSTON**  
 Department of Public Works and Engineering  
 Geographic Information & Management System (GIMS)

DISCLAIMER: THIS MAP REPRESENTS THE BEST INFORMATION AVAILABLE TO THE CITY OF HOUSTON. THE CITY OF HOUSTON DOES NOT WARRANT THE ACCURACY OR COMPLETENESS OF THE DATA OR INFORMATION PROVIDED HEREON. FIELD VERIFICATIONS SHOULD BE DONE AS NECESSARY.



*Wastewater Collection System Rehabilitation and Renewal*

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District E

MYR-FY 2015 Op Budget Lake Houston Redev Authority & FYs 2015 - 2019 CIP Budget 4 Reinv Zone Number  
10

Agenda Item#: 23.

**Summary:**

ORDINANCE relating to the Fiscal Affairs of **LAKE HOUSTON REDEVELOPMENT AUTHORITY** on behalf of Reinvestment Zone Number Ten, City of Houston, Texas (Lake Houston Zone); approving the Fiscal Year 2015 Operating Budget for the Authority and the Fiscal Year 2015-2019 Capital Improvement Projects Budget for the Zone - **DISTRICT E - MARTIN**

**TAGGED BY COUNCIL MEMBER MARTIN**

This was Item 23 on Agenda of September 3, 2014

**Background:**

The Administration has undertaken a comprehensive review of the proposed FY 15 TIRZ budgets and recommends approval of the FY 15 Operating Budget for the Lake Houston Redevelopment Authority and FY 15 - FY 19 CIP Budget for Tax Increment Reinvestment Zone Number Ten (Lake Houston Zone).

- Total Operating Budget for FY 15 is \$12,418,181, which includes \$9,595,405 for required fund transfers and \$2,822,776 for Project Costs.
- The FY 15 Operating Budget includes \$46,150 for administration and overhead. The Zone must advise the Chief Development Officer of any budget amendments. Adjustments to the budget that exceed the lesser of \$400,000 or 5% of project costs require City Council approval.
- The budget includes a municipal services cost payment in FY 15 of \$490,000 to pay for the incremental costs of providing services in the area of the Zone

**Prior Council Action:**

Ord. No. 2013-0984, 11/06/13, Ord. No. 2014-0521, 05/28/14

**Contact Information:**

Gwen Tillotson **Phone:** (832) 393-0937

**ATTACHMENTS:**

Description	Type
☐ MYR-FY 2015 Op Budget Lake Houston Redev Authority RCA and budget	Backup Material

**REQUEST FOR COUNCIL ACTION**

**TO: Mayor via City Secretary**

**RCA #**

**SUBJECT:** Ordinance approving the Fiscal Year 2015 Operating Budget for the Lake Houston Redevelopment Authority and Fiscal Years 2015 - 2019 Capital Improvement Plan (CIP) Budget for Reinvestment Zone Number Ten (Lake Houston Zone).

**Category #**

**Page**  
1 of 1

**Agenda Item#**

**FROM: (Department or other point of origin):**

Andrew F. Icken  
Chief Development Officer

**Origination Date**

**Agenda Date**

**DIRECTOR'S SIGNATURE:**

**Council Districts affected:**

E

**For additional information contact:**

Gwen Tillotson

**Phone:** (832) 393-0937

**Date and identification of prior authorizing Council Action:**

Ord. No. 2013-0984, 11/06/13, Ord. No. 2014-0521, 05/28/14

**RECOMMENDATION: (Summary)**

City Council adopt an ordinance approving the Fiscal Year 2015 Operating Budget for the Lake Houston Redevelopment Authority and the Fiscal Years 2015 - 2019 CIP Budget for Reinvestment Zone Number Ten (Lake Houston Zone).

**Amount of Funding:** No Funding Required

**SOURCE OF FUNDING:**

General Fund     Grant Fund     Enterprise Fund  
 Other (Specify)

**SPECIFIC EXPLANATION:**

The Administration has undertaken a comprehensive review of the proposed FY15 TIRZ budgets and recommends approval of the FY15 Operating Budget for the Lake Houston Redevelopment Authority and FY15 - FY19 CIP Budget for Tax Increment Reinvestment Zone Number Ten (Lake Houston Zone).

- Total Operating Budget for FY15 is \$12,418,181, which includes \$9,595,405 for required fund transfers and \$2,822,776 for Project Costs.
- The FY15 Operating Budget includes \$46,150 for administration and overhead. The Zone must advise the Chief Development Officer of any budget amendments. Adjustments to the budget that exceed the lessor of \$400,000 or 5% of project costs require City Council approval.
- The budget includes a municipal services cost payment in FY15 of \$490,000 to pay for the incremental costs of providing services in the area of the Zone.

Attachments: FY15 Operating Budget and FY15 - FY19 CIP Budget

cc: Marta Crinejo, Agenda  
Anna Russell, City Secretary  
David Feldman, City Attorney  
Gary Dzierlenga, Senior Assistant City Attorney

**REQUIRED AUTHORIZATION**

**Other Authorization:**

**Other Authorization:**

**Other Authorization:**

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: Lake Houston Redevelopment Authority  
 TIRZ: 10  
 Fund Number: 7558/50

P R O F I L E	Base Year:		1997
	Base Year Taxable Value:	\$	616,686,747
	Projected Taxable Value (TY2014):	\$	787,905,381
	Current Taxable Value (TY2013):	\$	741,665,561
	Acres:		3,382.38
	Administrator (Contact):		City of Houston
Contact Number:		(832) 393-0985	

N A R R A T I V E	<b>Zone Purpose:</b>
	Tax Increment Reinvestment Zone Number Ten, City of Houston, Texas was created to provide plans and programs needed to facilitate planned residential and commercial developments and in a manner consistent with the Kingwood Annexation Service Plan which annexed the area into the City of Houston.

P R O J E C T  P L A N		Total Plan	Cumulative Expenses (to 6/30/13)	Variance
	<b>Capital Projects:</b>			
Public Utilities	\$	38,030,640	\$ 17,812,418	\$ 20,218,222
Street Reconstruction		25,000,000	3,798,000	21,202,000
Cultural and Public Facilities		20,559,850	7,705,754	12,854,096
Wastewater Treatment		7,000,000	-	7,000,000
		-	-	-
		-	-	-
		-	-	-
		-	-	-
<b>Total Capital Projects</b>	\$	90,590,490	\$ 29,316,172	\$ 61,274,318
Affordable Housing		-	-	-
School & Education/Cultural Facilities		60,000,000	64,898,240	(4,898,240)
Financing Costs		-	1,231,000	(1,231,000)
Administration Costs/ Professional Services		1,540,000	881,138	658,862
Creation Costs		260,000	260,000	-
<b>Total Project Plan</b>	\$	152,390,490	\$ 96,586,550	\$ 55,803,940

D E B T	Additional Financial Data	FY2014 Budget	FY2014 Estimate	FY2015 Budget
	<u>Debt Service Other</u>	\$	1,690,626	\$ 2,785,274
Principal	\$	1,572,169	\$ 2,600,000	\$ 1,572,169
Interest	\$	118,457	\$ 185,274	\$ 118,457
		<b>Balance as of 6/30/13</b>	<b>Projected Balance as of 6/30/14</b>	<b>Projected Balance as of 6/30/15</b>
<u>Year End Outstanding (Principal)</u>				
Bond Debt	\$	-	\$ -	\$ -
Bank Loan	\$	-	\$ -	\$ -
Line of Credit	\$	-	\$ -	\$ -
Developer Agreement	\$	16,290,085	\$ 15,426,756	\$ 14,622,756
Other	\$	4,820,454	\$ 2,220,454	\$ 648,285

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: Lake Houston Redevelopment Authority  
 TIRZ: 10  
 Fund Number: 7558/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>RESOURCES</b>			
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ 1,100,000	\$ -	\$ -
UNRESTRICTED Funds	\$ 1,024,613	\$ 4,315,902	\$ 3,521,657
<b>Beginning Balance</b>	<b>\$ 2,124,613</b>	<b>\$ 4,315,902</b>	<b>\$ 3,521,657</b>
City tax revenue	\$ 3,468,847	\$ 3,605,350	\$ 3,894,299
County tax revenue	\$ -	\$ -	\$ -
ISD tax revenue	\$ 8,593,724	\$ 8,553,473	\$ 8,910,690
ISD tax revenue - Pass Through	\$ -	\$ -	\$ -
Community College tax revenue	\$ -	\$ -	\$ -
<b>Incremental property tax revenue</b>	<b>\$ 12,062,571</b>	<b>\$ 12,158,823</b>	<b>\$ 12,804,989</b>
<b>Miscellaneous revenue</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
COH TIRZ interest	\$ 14,761	\$ 43,675	\$ 14,761
Interest Income	\$ -	\$ -	\$ -
<b>Other Interest Income</b>	<b>\$ 14,761</b>	<b>\$ 43,675</b>	<b>\$ 14,761</b>
	\$ -	\$ -	\$ -
<b>Grant Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Proceeds from Bank Loan</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Contract Revenue Bond Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>TOTAL AVAILABLE RESOURCES</b>	<b>\$ 14,201,945</b>	<b>\$ 16,518,400</b>	<b>\$ 16,341,407</b>

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: Lake Houston Redevelopment Authority  
 TIRZ: 10  
 Fund Number: 7558/50

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>EXPENDITURES</b>			
Accounting	\$ 9,000	\$ -	\$ 10,250
Administration Salaries & Benefits	\$ 20,000	\$ 10,253	\$ 15,000
Auditor	\$ 9,000	\$ 8,000	\$ 11,000
Tax Consultant	\$ 8,500	\$ 8,330	\$ 8,500
Insurance	\$ 900	\$ 900	\$ 900
Office Administration	\$ 500	\$ 11,663	\$ 500
<b>TIRZ Administration and Overhead</b>	<b>\$ 47,900</b>	<b>\$ 39,146</b>	<b>\$ 46,150</b>
Engineering Consultants	\$ 100,000	\$ 75,000	\$ 250,000
Legal	\$ 43,000	\$ 10,253	\$ 30,000
Construction Audit	\$ -	\$ -	\$ 2,000
Planning Consultants	\$ -	\$ -	\$ -
<b>Program and Project Consultants</b>	<b>\$ 143,000</b>	<b>\$ 85,253</b>	<b>\$ 282,000</b>
<b>Management consulting services</b>	<b>\$ 190,900</b>	<b>\$ 124,399</b>	<b>\$ 328,150</b>
Capital Expenditures (See CIP Schedule)	\$ 1,085,000	\$ -	\$ -
<b>TIRZ Capital Expenditures</b>	<b>\$ 1,085,000</b>	<b>\$ -</b>	<b>\$ -</b>
Friendswood	\$ -	\$ -	\$ -
Holley-Guniganti	\$ 3,768	\$ 657	\$ 1,550
Forestar Group/Kingwood Partners	\$ 196,040	\$ 235,134	\$ 281,550
Classic Contractors/Gene Mendel	\$ 50,583	\$ 58,358	\$ 73,600
Amvest-Skylark	\$ 229,787	\$ 269,525	\$ 226,800
Meritage	\$ 165,039	\$ 299,655	\$ 220,500
<b>Developer / Project Reimbursements</b>	<b>\$ 645,217</b>	<b>\$ 863,329</b>	<b>\$ 804,000</b>
CO Debt Service			
Principal	\$ 1,572,169	\$ 2,600,000	\$ 1,572,169
Interest	\$ 118,457	\$ 185,274	\$ 118,457
<b>System debt service</b>	<b>\$ 1,690,626</b>	<b>\$ 2,785,274</b>	<b>\$ 1,690,626</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$ 3,611,743</b>	<b>\$ 3,773,002</b>	<b>\$ 2,822,776</b>
Payment/transfer to ISD - educational facilities	\$ 8,593,724	\$ 8,553,473	\$ 8,910,690
Payment/transfer to ISD - educational facilities (Pass Through)	\$ -	\$ -	\$ -
Administration Fees:			
City	\$ 173,442	\$ 180,268	\$ 194,715
County	\$ -	\$ -	\$ -
ISD	\$ -	\$ -	\$ -
HCC	\$ -	\$ -	\$ -
Affordable Housing:			
City	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -
ISD to City of Houston	\$ -	\$ -	\$ -
Municipal Services (Payable to COH)	\$ 490,000	\$ 490,000	\$ 490,000
<b>Total Transfers</b>	<b>\$ 9,257,166</b>	<b>\$ 9,223,741</b>	<b>\$ 9,595,405</b>
<b>Total Budget</b>	<b>\$ 12,868,909</b>	<b>\$ 12,996,743</b>	<b>\$ 12,418,181</b>
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Debt Service	\$ 1,100,000	\$ -	\$ -
UNRESTRICTED Funds	\$ 233,036	\$ 3,521,657	\$ 3,923,227
<b>Ending Fund Balance</b>	<b>\$ 1,333,036</b>	<b>\$ 3,521,657</b>	<b>\$ 3,923,227</b>
<b>Total Budget &amp; Ending Fund Balance</b>	<b>\$ 14,201,945</b>	<b>\$ 16,518,400</b>	<b>\$ 16,341,407</b>

Notes:

2015 - 2019 CAPITAL IMPROVEMENT PLAN  
TIRZ NO. 10 - LAKE HOUSTON REDEVELOPMENT AUTHORITY

CITY OF HOUSTON - TIRZ PROGRAM  
Economic Development Division

Council District	CIP No.	Project	Fiscal Year Planned Appropriations										FY15- FY19 Total	Cumulative Total (To Date)	
			Through 2013	Projected 2014	2015	2016	2017	2018	2019						
E	T-1003	Kingwood Park and Community Center	\$ 176,000	-	-	-	-	-	-	-	-	-	-	-	176,000
E	T-1005	Kingwood West Fire Station Land Acquisition	\$ 400,000	-	-	-	-	-	-	-	-	-	-	-	400,000
E	T-1006	Intersection/Pedestrian Safety Improvements	\$ -	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>			\$ 576,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 576,000

\* NOTE:  
\*\* NOTE:  
\*\*\* NOTE:

Source of Funds	Fiscal Year Planned Appropriations									FY15- FY19 Total	Cumulative Total (To Date)
	Through 2013	Projected 2014	2015	2016	2017	2018	2019				
TIRZ Funds	576,000	-	-	-	-	-	-	-	-	576,000	576,000
City of Houston	-	-	-	-	-	-	-	-	-	-	-
Grants	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>576,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>576,000</b>	<b>576,000</b>

**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 9/9/2014

District E, District I

MYR-Reinvestment Zone Number Six - Eastside Zone

Agenda Item#: 24.

**Summary:**

ORDINANCE relating to the Fiscal Affairs of **REINVESTMENT ZONE NUMBER SIX, CITY OF HOUSTON, TEXAS (EASTSIDE ZONE)**; approving the Fiscal Year 2015 Operating Budget for the Zone - **DISTRICTS E - MARTIN and I - GALLEGOS**

**TAGGED BY COUNCIL MEMBER MARTIN**

This was Item 25 on Agenda of September 3, 2014

**Background:**

The Administration has undertaken a comprehensive review of proposed FY15 TIRZ budgets and recommends approval of the FY15 Operating Budget for Reinvestment Zone Number Six (Zone).

- Total Operating Budget for FY15 is \$5,797,213, which includes \$5,797,213 for required fund transfers
- The Zone must advise the Chief Development Authority of any budget amendments. Adjustments to budget that exceed \$400,000 require City Council approval

**Prior Council Action:**

Ord No. 2013-0981 11/06/13

**Amount of Funding:**

No Funding Required.

**Contact Information:**

Gwen Tillotson 832.393.0937

**ATTACHMENTS:**

Description	Type
☐ RCA	Signed Cover sheet
☐ Budget	Signed Cover sheet



CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Eastside**  
 TIRZ: **06 - Eastside Zone**  
 Fund Number: **7554/50**

<b>P R O F I L E</b>	<b>Base Year:</b>		1997
	<b>Base Year Taxable Value:</b>	\$	391,540,000
	<b>Projected Taxable Value (TY2014):</b>	\$	668,145,089
	<b>Current Taxable Value (TY2013):</b>	\$	524,918,490
	<b>Acres:</b>		769.98
	<b>Administrator (Contact):</b>		City of Houston
	<b>Contact Number:</b>		(832) 393-0985

<b>N A R R A T I V E</b>	<b>Zone Purpose:</b>
	Tax Increment Reinvestment Zone Number Six, City of Houston, was created to build a shared educational facility and to encourage further industrial development within the Zone. The new shared educational facility would alleviate overcrowding at Stephen F. Austin and Milby High School, and provide the City with ball fields, tennis courts and other outdoor recreational areas for municipal recreational purposes.

<b>P R O J E C T  P L A N</b>		<b>Total Plan</b>	<b>Cumulative Expenses (to 6/30/13)</b>	<b>Variance</b>
	<b>Capital Projects:</b>			
Shared Educational Facilities	\$	45,957,500	2,435,688	\$ 43,521,812
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
<b>Total Capital Projects</b>	\$	45,957,500	2,435,688	\$ 43,521,812
Affordable Housing		-	-	-
School & Education/Cultural Facilities		-	-	-
Financing Costs		-	-	-
Administration Costs/ Professional Services		885,000	-	885,000
Creation Costs		-	-	-
<b>Total Project Plan</b>	\$	46,842,500	2,435,688	\$ 44,406,812

<b>D E B T</b>	<b>Additional Financial Data</b>	<b>FY2014 Budget</b>	<b>FY2014 Estimate</b>	<b>FY2015 Budget</b>
		<b>Debt Service</b>	\$ -	\$ -
	Principal	\$ -	\$ -	\$ -
	Interest	\$ -	\$ -	\$ -
		<b>Balance as of 6/30/13</b>	<b>Projected Balance as of 6/30/14</b>	<b>Projected Balance as of 6/30/15</b>
	<b>Year End Outstanding (Principal)</b>			
	Bond Debt	\$ -	\$ -	\$ -
	Bank Loan	\$ -	\$ -	\$ -
	Line of Credit	\$ -	\$ -	\$ -
	Developer Agreement	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Eastside**  
 TIRZ: **06 - Eastside Zone**  
 Fund Number: **7554/50**

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>RESOURCES</b>			
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ -	\$ -	\$ -
UNRESTRICTED Funds	\$ -	\$ -	\$ -
<b>Beginning Balance</b>	\$ -	\$ -	\$ -
City tax revenue	\$ 1,934,496	\$ 850,939	\$ 1,764,713
County tax revenue	\$ -	\$ -	\$ -
ISD tax revenue	\$ 3,499,712	\$ 1,584,748	\$ 4,032,500
ISD tax revenue - Pass Through	\$ -	\$ 403,466	\$ -
Community College tax revenue	\$ -	\$ -	\$ -
<b>Incremental property tax revenue</b>	\$ 5,434,207	\$ 2,839,154	\$ 5,797,213
	\$ -	\$ -	\$ -
<b>Miscellaneous revenue</b>	\$ -	\$ -	\$ -
COH TIRZ interest	\$ -	\$ 1,004	\$ -
Interest Income	\$ -	\$ -	\$ -
<b>Other Interest Income</b>	\$ -	\$ 1,004	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Grant Proceeds</b>	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Proceeds from Bank Loan</b>	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Contract Revenue Bond Proceeds</b>	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>TOTAL AVAILABLE RESOURCES</b>	\$ 5,434,207	\$ 2,840,158	\$ 5,797,213

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Eastside**  
 TIRZ: **06 - Eastside Zone**  
 Fund Number: **7554/50**

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>EXPENDITURES</b>			
Accounting	\$ -	\$ -	\$ -
Administration Salaries & Benefits	\$ -	\$ -	\$ -
Auditor	\$ -	\$ -	\$ -
Bond Services/Trustee/Financial Advisor	\$ -	\$ -	\$ -
Insurance	\$ -	\$ -	\$ -
Office Administration	\$ -	\$ -	\$ -
<b>TIRZ Administration and Overhead</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Engineering Consultants	\$ -	\$ -	\$ -
Legal	\$ -	\$ -	\$ -
Construction Audit	\$ -	\$ -	\$ -
Planning Consultants	\$ -	\$ -	\$ -
<b>Program and Project Consultants</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Management consulting services</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Capital Expenditures (See CIP Schedule)	\$ -	\$ -	\$ -
<b>TIRZ Capital Expenditures</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Developer / Project Reimbursements</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Bond Debt Service (Series ##)			
Principal	\$ -	\$ -	\$ -
Interest	\$ -	\$ -	\$ -
<b>System debt service</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Payment/transfer to ISD - educational facilities	\$ 3,474,712	\$ 1,559,748	\$ 4,007,500
COH Education Set-Aside	\$ 1,934,496	\$ 850,939	\$ 1,764,713
Payment/transfer to ISD - educational facilities (Pass Through)	\$ -	\$ 403,466	\$ -
Payment/transfer to ISD - Interest	\$ -	\$ 1,004	\$ -
Administration Fees:			
City	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -
ISD	\$ 25,000	\$ 25,000	\$ 25,000
HCC	\$ -	\$ -	\$ -
Affordable Housing:			
City	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -
ISD to City of Houston	\$ -	\$ -	\$ -
Municipal Services (Payable to COH)	\$ -	\$ -	\$ -
<b>Total Transfers</b>	<b>\$ 5,434,207</b>	<b>\$ 2,840,158</b>	<b>\$ 5,797,213</b>
<b>Total Budget</b>	<b>\$ 5,434,207</b>	<b>\$ 2,840,158</b>	<b>\$ 5,797,213</b>
RESTRICTED Funds - Capital Projects	\$ -	\$ -	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ -	\$ -	\$ -
UNRESTRICTED Funds	\$ -	\$ -	\$ -
<b>Ending Fund Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total Budget &amp; Ending Fund Balance</b>	<b>\$ 5,434,207</b>	<b>\$ 2,840,158</b>	<b>\$ 5,797,213</b>

Notes: