



**Monday, February 18, 2019
Regular Combined City Council Meeting**

**Council Chambers
3815 Sachse Road, Building B
6:30 p.m.**

The City of Sachse reserves the right to reconvene, recess or realign the workshop meeting, regular meeting, called Executive Session or order of business at any time prior to adjournment.

As authorized by Section 551.071(2) of the Texas Government Code, these meetings may be convened into closed Executive Session at any time during the City Council workshop or regular meeting for the purpose of seeking confidential legal advice from the City Attorney on any workshop or regular meeting agenda item listed herein.

1. 6:30 PM WORKSHOP MEETING

A. Call to Order: The City Council of the City of Sachse will hold a Workshop Meeting on Monday, February 18, 2019 at 6:30 p.m. in the Council Chambers at Sachse City Hall, 3815 Sachse Road, Building B, Sachse, Texas to consider the following items of business:

B. Discuss transportation needs for the Blackburn-Ingram corridor.

C. Discussion of City Council meeting agenda items.

D. Adjournment.

2. 7:30 PM REGULAR MEETING

A. Call to Order: The City Council of the City of Sachse will hold a Regular Meeting on Monday, February 18, 2019 at 7:30 p.m. in the Council Chambers at Sachse City Hall, 3815 Sachse Road, Building B, Sachse, Texas to consider the following items of business:

B. Invocation and Pledges of Allegiance.

3. Consent Agenda - All items listed on the consent agenda will be considered by the City Council and will be enacted on by one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests.

A. Approve the minutes of the February 4, 2019 combined meeting.

B. Accept the Quarterly Budget and Investment Reports for the quarter ended December 31, 2018.

C. Approve the Consent Agenda Items as presented.

4. Special Announcements

A. Mayor and City Council announcements regarding special events, current activities, and local achievements.

5. Citizen Input

A. Citizen Input: The public is invited at this time to address the Council. Please come to the microphone and state your name and address for the record. If your remarks pertain to a specific agenda item, please hold them until that item, at which time the Mayor may solicit your comments. Time limit is 3 minutes per speaker. The City Council is prohibited by state law from discussing any item not posted on the agenda according to the Texas Open Meetings

Act, but may take them under advisement. Issues raised may be referred to City Staff for research and possible future action.

6. Regular Agenda Items

A. Conduct a public hearing and consider an ordinance amending the Comprehensive Zoning Ordinance and Map by changing the zoning relating to the use and development of a 17.74+/- acre tract of land out of the Robert McCullough Survey No. 29B, Abstract No. 928, City of Sachse, Dallas County, Texas, more particularly described in Exhibits "A" and "B" from R-8.4 to Planned Development No. 36 (PD-36) generally for Single-Family detached residential uses and approving development regulations.

B. Consider a resolution approving the terms and conditions of a professional services agreement between the City of Sachse and Lee Engineering in the amount of \$32,800.00.

C. Consider a resolution approving a purchase order in the amount not to exceed \$235,000.00 to McMahon Contracting LP for the Sachse Community Center parking lot paving improvement project.

D. Consider approval of a resolution approving a professional services agreement with Halff & Associates, Incorporated, in the amount of two million, one hundred twelve thousand (\$2,112,000.00) for the design of the Merritt Road expansion project.

E. Receive Sachse Police Department's 2018 Year in Review.

7. Executive Session

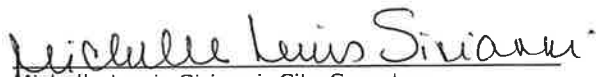
A. The City Council shall convene into Executive Session pursuant to the Texas Government Code, Section §551.072 for the deliberation regarding the purchase, exchange, lease, or value of real property generally located along Sachse Road in the City of Sachse.

B. Take any action as a result of Executive Session.

8. Regular Meeting Closing

A. Adjournment.

I, the undersigned authority, do hereby certify that this notice of meeting was posted in accordance with the regulations of the Texas Open Meetings Act and was posted on the bulletin board, an accessible location at Sachse City Hall.


Michelle Lewis Sirianni, City Secretary

Accommodation requests for persons with disabilities should be made at least 48 hours prior to the meeting by contacting Lauren Rose, ADA Coordinator, via phone at 972.429.4770, via email at lrose@cityofsachse.com, or by appointment at 3815 Sachse Road, Building B, Sachse, Texas 75048.

**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	1. 6:30 PM WORKSHOP MEETING
Subject	B. Discuss transportation needs for the Blackburn-Ingram corridor.
Access	Public
Type	Discussion
Goals	Strategically invest in the City's existing and future infrastructure.

Public Content**BACKGROUND**

Blackburn Road and Ingram Road are connecting roads which are shown on the City of Sachse Master Thoroughfare Plan as a minor arterial corridor to be expanded in the future. This item is to discuss the capital improvement needs of the corridor and the next steps for the City to take.

OVERVIEW

The Blackburn-Ingram corridor consists of three distinct segments:

- Blackburn Road from Murphy Road to Hilltop Trail: 4-lane divided concrete road
- Blackburn Road from Hilltop Trail to 3rd Street: 2-lane asphalt road
- Ingram Road from 3rd Street to Dewitt Road: 2 lane asphalt road

During the past several years, traffic volumes in the corridor have continued to increase. Due to the conditions of the larger surrounding road network, the Blackburn-Ingram corridor is utilized by residents of Sachse, Wylie, and Murphy to travel to and from work. As all three cities have grown in population, the corridor continues to see peak hour traffic volumes in the morning and evening grow beyond the capacity of a 2-lane asphalt road.

In particular, these traffic volumes have had a significant impact on residents in the adjacent Sachse neighborhoods including:

- Westgate
- Sachse West Estates
- The Oaks Addition
- Longmeadows
- Spring Meadows Estates
- Hilltop Meadows Addition
- Sachse Ranch Estates
- John C. Herring Addition

Residents living in these neighborhoods have expressed concerns regarding an inability to exit their neighborhoods during peak traffic times due to the volume of pass-through traffic in the Blackburn-Ingram corridor. Staff has confirmed these concerns to be valid during multiple visits to the intersecting streets during peak traffic times.

In addition, there is now significant congestion at the intersection of Ingram Road and Dewitt Road during peak traffic times. The four-way stop at this intersection causes eastbound traffic on Ingram to back-up to the 3rd Street intersection. The City hired a consultant to complete a traffic signal warrant study for the intersection in May 2017. The study showed that the intersection met the criteria for a traffic signal by two

warrants. Only one warrant is required to be met.

The City Council approved partial funding for the design and construction of traffic signal improvements in the 2017-2018 Capital Improvement Plan. The remaining necessary funds were allocated in the 2018-2019 Capital Improvement Plan (\$250,000 per year — totaling \$500,000).

Traffic congestion negatively impacts the residents of Sachse, and as such, improving transportation is a major component of the City Council's goal to strategically invest in the City's existing and future infrastructure. Therefore, staff is proposing to move forward with the design and construction of traffic signal improvements at the Ingram-Dewitt intersection, while concurrently working with Dallas County and Collin County to identify partnership opportunities to fund a larger capital road improvement project.

POLICY CONSIDERATIONS

- City Council Strategic Goal: strategically invest in the City's existing and future infrastructure
- The projects are listed in the City of Sachse Capital Improvement Plan (Roadway Expansion Projects R-13-11a, R-13-11b)

RECOMMENDATION

There are no recommendations at this time. This is a discussion item only.

Presentation - Blackburn-Ingram Traffic Improvements revised (1)-LR.pptx (19,472 KB)

Blackburn-Ingram Traffic Improvements

CITY COUNCIL
FEBRUARY 18, 2019



Overview

- Location Map & Site Photos
- Thoroughfare Plan
- History
- Existing Conditions
- Ingram-Dewitt Intersection
- Capital Improvement Plan
- Next Steps

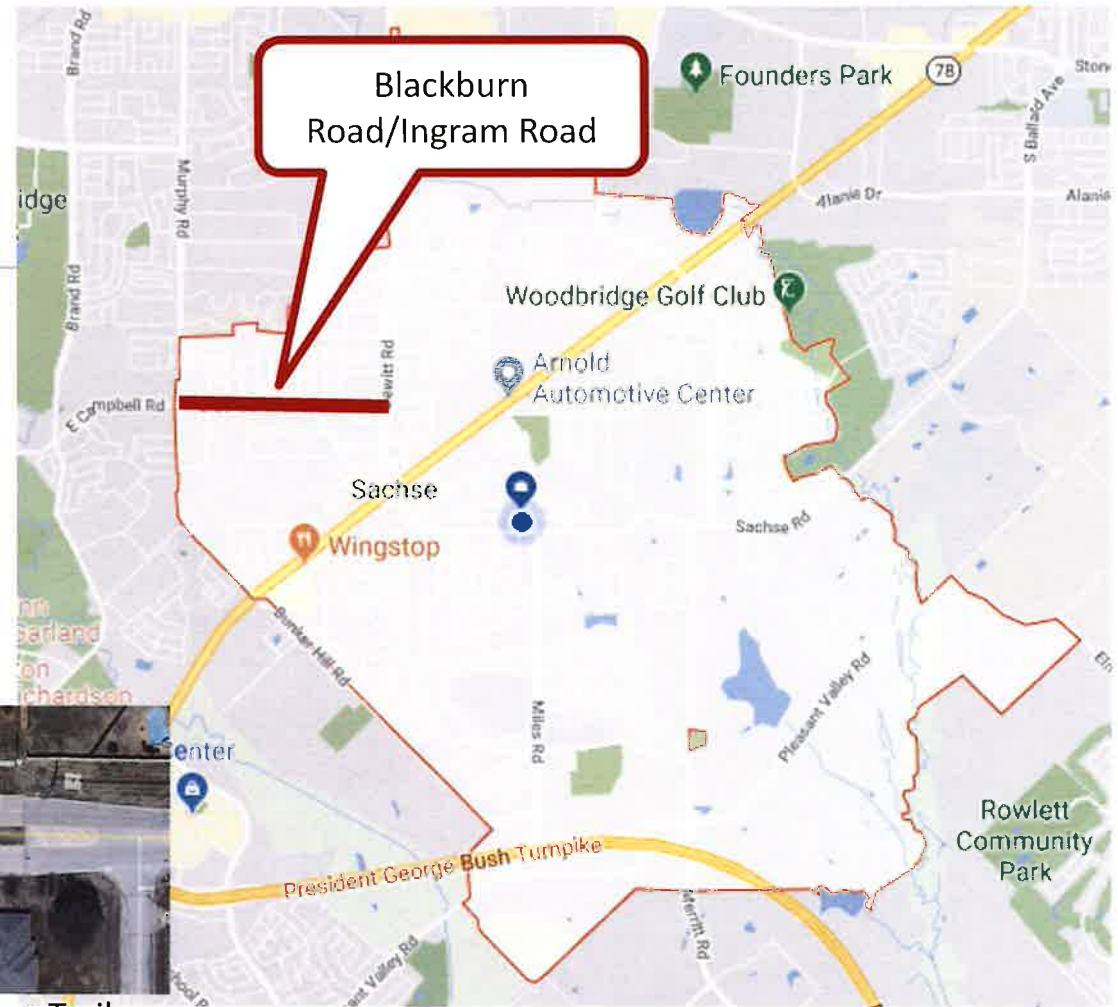
Location Map & Photos



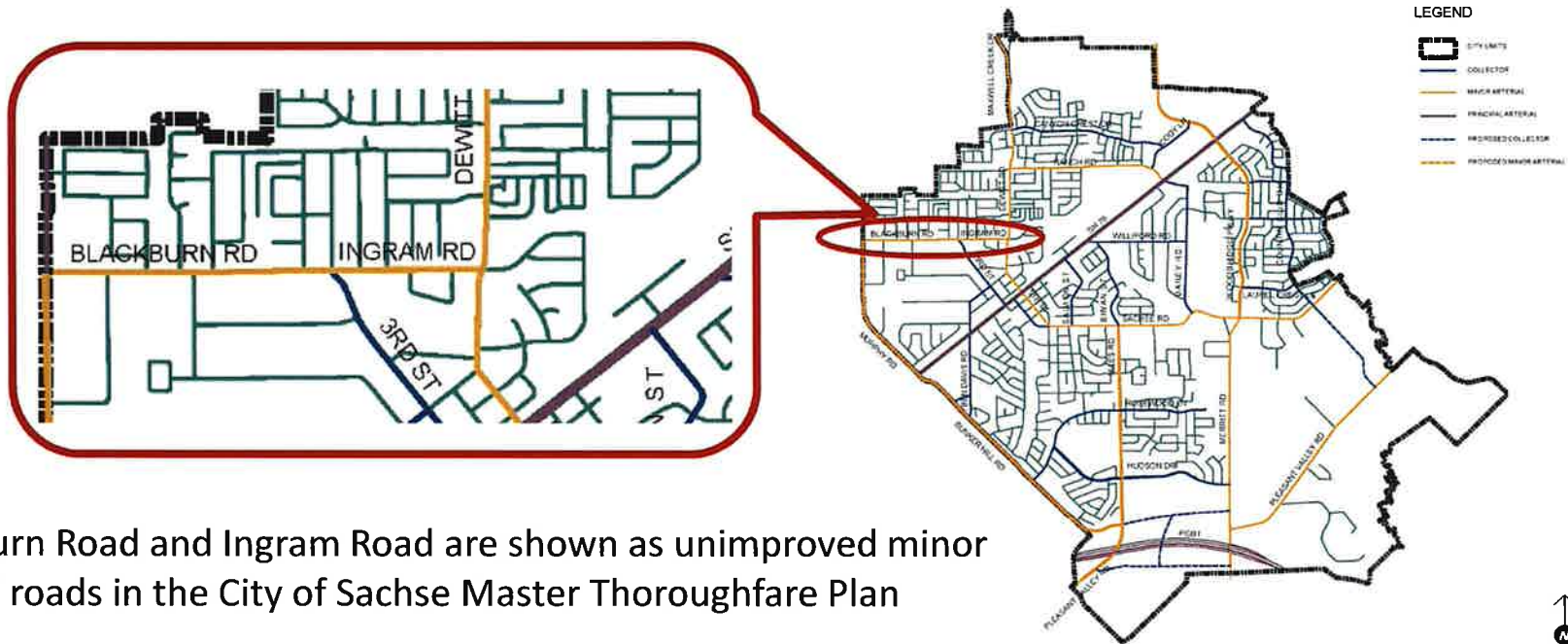
View to the West at Foxglove Drive



Aerial View of 4-lane section from Murphy Road to Hilltop Trail



Thoroughfare Plan



Blackburn Road and Ingram Road are shown as unimproved minor arterial roads in the City of Sachse Master Thoroughfare Plan

History

- The Blackburn-Ingram corridor is comprised of three distinct segments:
 - Blackburn Road from Murphy Road to Hilltop Trail – improved 4-lane divided concrete road
 - Blackburn Road from Hilltop Trail to 3rd Street – unimproved 2-lane asphalt road
 - Ingram Road from 3rd Street to Dewitt Road – unimproved 2 lane asphalt road

History, continued

- During the past several years, traffic volumes in the corridor have continued to increase.
- Due to the conditions of the larger surrounding road network, the Blackburn-Ingram corridor is utilized by residents of Sachse, Wylie, and Murphy to travel to and from work.
- As all three cities have grown in population, the corridor continues to see peak hour traffic volumes in the morning and evening grow beyond the capacity of a 2-lane asphalt road.

Existing Conditions

- Increasing traffic volumes have had a significant impact on residents of the adjacent neighborhoods of Sachse, including:
 - Westgate
 - Sachse West Estates
 - The Oaks Addition
 - Longmeadows
 - Spring Meadows Estates
 - Hilltop Meadows Addition
 - Sachse Ranch Estates
 - John C. Herring Addition



Existing Conditions, continued

- Residents living in these neighborhoods have expressed concern regarding an inability to exit their neighborhoods during peak traffic times due to the volume of pass-through traffic in the Blackburn-Ingram corridor.
- Staff has confirmed these concerns to be valid during multiple visits to the intersecting streets during peak traffic times.

Ingram-Dewitt Intersection

- In addition, there is now significant congestion at the intersection of Ingram Road and Dewitt Road during peak traffic times.
- The four-way stop at this intersection causes eastbound traffic on Ingram to back-up to the 3rd Street intersection.
- The City hired a consultant to complete a traffic signal warrant study for the intersection in May 2017. The study showed that the intersection met the criteria for a traffic signal by two warrants. Only 1 warrant is required to be met.



Capital Improvement Plan

- Traffic congestion negatively impacts the citizens of Sachse, and as such, improving transportation is a major component of the City Council's goal to strategically invest in the City's existing and future infrastructure.
- There are two roadway expansion projects listed in the City of Sachse Capital Improvement Plan:
 - R-13-11a – Traffic Signal Improvements at Ingram-Dewitt (100% Funded - \$500,000)
 - R-13-11b – Widening of Blackburn Road and Ingram Road (Funding TBD, estimated cost - \$5,000,000)

Project Impacts and Partnership Opportunities

- Sachse has Dallas County residents and Collin County residents who are impacted by the transportation conditions of the Blackburn-Ingram Corridor.
- In addition, there is a major portion of traffic volume in the corridor coming to/from Wylie and Murphy, located in Collin County. This pass-through traffic is continuing to grow in volume, causing increased impacts on Sachse neighborhoods along the corridor.
- The City has engaged Dallas County regarding the project and will also be reaching out to Collin County.
- Our goal is to develop a partnership with both Dallas County and Collin County to fund the design and construction of the necessary roadway improvements in the corridor.

Next Steps

- Staff will present an item in the regular meeting to award the design of traffic signal improvements at the intersection of Ingram Road and Dewitt Road.
- Staff will kick off the design project this month, with the goal of bidding the project for construction in late Spring/early Summer.
- Staff will continue to work with potential stakeholders, including Dallas County, Collin County to identify any potential partnership opportunities to fund expansion of the road.

**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	3. Consent Agenda - All items listed on the consent agenda will be considered by the City Council and will be enacted on by one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests.
Subject	A. Approve the minutes of the February 4, 2019 combined meeting.
Access	Public
Type	Action (Consent), Minutes
Recommended Action	Approve as submitted.

Public Content**BACKGROUND**

Minutes of the February 4, 2019 combined meeting.

POLICY CONSIDERATIONS

There are no policy considerations affiliated with this item.

RECOMMENDATION

Approve the minutes of the February 4, 2019 combined meeting.

[02.04.19 Combined Minutes.pdf \(92 KB\)](#)

All items listed on the consent agenda will be considered by the City Council and will be enacted on by one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests.

CITY COUNCIL OF THE CITY OF SACHSE
MEETING MINUTES
FEBRUARY 4, 2019

The City Council of the City of Sachse held a combined workshop and regular meeting on Monday, February 4, 2019 at 6:30 p.m. at the City Council Chambers, 3815 Sachse Road, Sachse, Texas. Those present were Mayor Mike Felix, Mayor Pro Tem Cullen King, Councilmembers Brett Franks, Michelle Howarth, Paul Watkins, Bill Adams, and Jeff Bickerstaff; City Manager, Gina Nash; Assistant to the City Manager, Lauren Rose; Director of Public Works and Engineering, Greg Peters; Director of Development Services, Matt Robinson; Finance Director, Teresa Savage; Human Resources Director, Melinda Walter; IT Manager, Danny Wheeler; Parks and Recreation Director, Lance Whitworth; Fire Chief, Marty Wade, and Police Chief, Bryan Sylvester.

Mayor Felix opened the workshop meeting at 6:30 p.m.

EXECUTIVE SESSION:

The City Council shall convene into Executive Session pursuant to the Texas Government Code, Section §551.071(1)(A): to consult with the City Attorney regarding the following: In Kathy Hill vs. City of Sachse; cause No. CC-18-02900-B filed in the County Court at Law No. 2, Dallas County, Texas.

The City Council shall convene into Executive Session pursuant to the Texas Government Code, Section §551.087: deliberation regarding Economic Development negotiations and incentives for a business prospect located along State Highway 78 within the City of Sachse.

At 6:30 p.m., the City Council recessed into Executive Session.

At 7:44 p.m., the City Council reconvened back into the workshop session.

ADJOURNMENT:

At 7:44 p.m., Mayor Felix adjourned the workshop meeting and opened the regular meeting.

INVOCATION AND PLEDGE OF ALLEGIANCE TO U.S. AND STATE FLAG: The invocation was offered by Mayor Pro Tem King and the pledges by Councilman Bickerstaff.

CONSENT AGENDA: All items listed on the Consent Agenda are considered routine and will be acted on by one motion, with no separate discussion of these items unless a City Councilmember or citizen so requests.

- 1. Approve the minutes of the January 22, 2019 City Council combined meeting.**
- 2. Approve an ordinance calling the May 4, 2019 City Council General Election.**
- 2. Accept the monthly revenue and expenditure report for the period ending December 31, 2018.**

Mayor Pro Tem King made a motion to approve items on the Consent Agenda as presented. Councilman Bickerstaff seconded that motion and the motion was unanimously approved.

MAYOR AND CITY COUNCIL ANNOUNCEMENTS REGARDING SPECIAL EVENTS:

Councilwoman Howarth announced upcoming Library events.

Councilman Franks announced the Daddy-Daughter Dance taking place on Friday, February 8.

Councilman Bickerstaff stated that the EDC was awarded the community impact award at the recently held annual Chamber banquet. He thanked his fellow board members for all they do.

Mayor Felix thanked the Chamber of Commerce for holding the annual banquet and all they do to make it a nice event every year.

CITIZENS INPUT:

No comments were made.

REGULAR AGENDA ITEMS:

Take any action as a result of Executive Session items.

No action was taken.

ADJOURNMENT:

Mayor Felix adjourned the regular meeting at 7:51 p.m.

MIKE J. FELIX, MAYOR

ATTEST:

Michelle Lewis Sirianni, City Secretary

**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	3. Consent Agenda - All items listed on the consent agenda will be considered by the City Council and will be enacted on by one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests.
Subject	B. Accept the Quarterly Budget and Investment Reports for the quarter ended December 31, 2018.
Access	Public
Type	Action (Consent)
Preferred Date	Feb 18, 2019
Absolute Date	Feb 18, 2019
Fiscal Impact	No
Budgeted	No
Recommended Action	Accept the Quarterly Budget and Investment Reports for the quarter ended December 31, 2018.
Goals	Be a model of financial stewardship through growth management, responsible investment, and financial transparency.

Public Content**BACKGROUND**

The Finance Department releases a quarterly report on the City's finances. The report consists of two sections: budget and investments. The budget section includes revenues and expenditures for the General, Utility, Debt Service, Impact Fee, Special Revenue, Street Maintenance Tax, Health Insurance, Sachse Economic Development Corporation, and Municipal Development District, as well as a summary of capital project expenditures. The investment section provides an overview of investment activity details for the Money Market, Investment Pool, and Certificate of Deposit accounts.

It is the City's strategy to maintain a high percentage of idle funds invested in safe, secure, and liquid investment securities and pooled investment types. This strategy is in accordance with the Public Funds Investment Act (PFIA) and City policy.

Cash on hand available for investing on December 31, 2018, was \$62,572,226 in all funds. The average interest/yield on all investments was 1.85% and investment earnings totaled \$258,617.

General Fund revenues are 53% of budget and expenditures are at 25%, as of December 31, 2018. Utility Fund revenues are 25% of budget and expenditures are at 23%.

OVERVIEW

Quarterly Budget and Investment Reports reflects the quarter ended December 31, 2018.

POLICY CONSIDERATIONS

The PFIA requires that the Investment Officers prepare and submit quarterly a written report of investment

transactions for all funds covered by the Investment Policy.

RECOMMENDATION

Accept the Quarterly Budget and Investment Reports for the quarter ended December 31, 2018.

1st Quarter Investment Report FY19.pdf (1,330 KB)

1st Quarter Budget Report FY19.pdf (1,002 KB)

All items listed on the consent agenda will be considered by the City Council and will be enacted on by one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests.

Memo

To: **Gina Nash, City Manager**
 From: **Berna Fitzpatrick, Finance Manager** *BFW*
 CC: **Mayor and City Council**
 Date: **January 31, 2019**
 Re: **Investment Report for period ending December 31, 2018**

Attached is the Quarterly Investment Report for the quarter ending December 31 of the fiscal year 2018-2019. This report complies with the requirements of the City's Investment Policy and the Public Funds Investment Act as amended. For this period, the City's portfolio consisted of the following investments:

Portfolio at Quarter Close:	Rate at 12/31/18	% Total	Total Investment
Money Market Account – ANB	.2%	17.41%	10,894,218
Money Market Account - BTH	2.3433%	3.77%	2,356,920
Money Market Account – NexBank	2.65%	7.71%	4,826,130
Money Market Account 2017CO – NexBank	2.65%	9.86%	6,167,797
Money Market Account(EDC)-ANB	.2%	1.51%	942,236
Money Market Account (EDC) BTH	2.3433%	.19%	119,195
Money Market Account (EDC)-NexBank	2.65%	.52%	325,881
Investment Pool – Tex Pool	2.2872%	15.10%	9,448,864
Investment Pool – 2017CO-TexPool	2%	3.26%	2,038,427
CD---East West Bank 2428	2.00%	1.63%	1,018,637
CD---Legacy Bank 1919	1.55%	1.63%	1,022,226
CD---Legacy Bank 1920	1.60%	1.63%	1,022,951
CD---Legacy Bank 1921	1.70%	3.27%	2,048,804
CD---Legacy Bank 2918	2.15%	1.64%	1,027,677
CD---Legacy Bank 2941	2.20%	3.26%	2,036,828
CD---Legacy Bank 2943	2.30%	1.63%	1,019,258
CD---Legacy Bank 3092	2.24%	1.64%	1,027,603
CD---Legacy Bank 6370	2.84%	1.61%	1,004,752
CD---Legacy Bank 6368	2.72%	3.21%	2,009,102
CD---Legacy Bank 6376	2.90%	1.64%	1,023,891
CD---Landmark Bank 7123	1.81%	8.13%	5,090,111
CD---Landmark Bank 7115	1.76%	3.25%	2,035,042
CD---Landmark Bank 7107	1.69%	3.25%	2,033,640
CD---Landmark Bank 7099	1.61%	3.25%	2,032,038
Total Invested City Funds:		100.0%	\$62,572,226

Finance Department

Re: **Investment Report for period ending December 31, 2018**

The City does not carry any security instrument (investment type) on its books that is traded on the open market; therefore all investments are listed at 100% of market value. Interest earnings on all certificate of deposit accounts are accreted quarterly or at maturity. All Funds on deposit are fully secured and safeguarded. **Total investment interest earned for the quarter ending December 31 was \$258,617.**

Citywide cash and investments for the period ending December 31 was \$62,572,226. Of this amount, \$1,387,312 is for the Sachse EDC. It is the strategy of the Finance Department to maintain a high percentage of its idle funds invested in safe and secure investment securities and pooled investment types in accordance with the Public Funds Investment Act.

66% of the City's current portfolio has liquidity of 30 days or less, which is more than adequate for daily operations. The City investments are liquid and have same day access. The City's investment and cash management strategy will be to maintain operational and capital needs in money market accounts and liquid asset pools. The City's funds are swept into the above accounts and withdrawn as needed for operational cash flow requirements.

The average interest rate/yield on the City's investments for the period was 1.85%; weighted average maturity of 70 days. The Texpool Prime Fund interest rate was 2.4927% and the Texpool interest rate was 2.2872% at December 31, 2018. The rolling three-month Treasury yield was 2.37% with the rolling six-month Treasury yield at 2.39%.



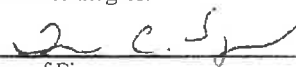
QUARTERLY INVESTMENT REPORT

For the Quarter Ended

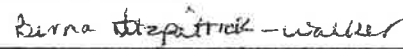
December 31, 2018

Prepared by
Valley View Consulting, L.L.C.

The investment portfolio of the City is in compliance with the Public Funds Investment Act and the Investment Policy and strategies.



Director of Finance



Finance Manager

Disclaimer: These reports were compiled using information provided by the City of Sachse. No procedures were performed to test the accuracy or completeness of this information. The market values included in these reports were obtained by Valley View Consulting, L.L.C. from sources believed to be accurate and represent proprietary valuation. Due to market fluctuations these levels are not necessarily reflective of current liquidation values. Yield calculations are not determined using standard performance formulas, are not representative of total return yields and do not account for investment advisor fees.

Summary

Quarter End Results by Investment Category:

Asset Type	September 30, 2018		December 31, 2018		
	Book Value	Market Value	Book Value	Market Value	Ave. Yield
Bank/Pool	\$ 30,375,581	\$ 30,375,581	\$ 37,119,667	\$ 37,119,667	1.74%
CDs/Securities	25,370,032	25,370,032	25,452,559	25,452,559	2.00%
Totals	\$ 55,745,613	\$ 55,745,613	\$ 62,572,226	\$ 62,572,226	

Current Quarter Average Yield (1)

Total Portfolio 1.85%

Fiscal Year-to-Date Average Yield (2)

Total Portfolio 1.85%

Weighted Average Maturity 70 days

Rolling Three Month Treasury 2.37%
Rolling Six Month Treasury 2.39%

Rolling Three Month Treasury 2.37%
Rolling Six Month Treasury 2.39%
TexPool 2.29%

Interest Earnings

	City	EDC
Interest Earnings QTR	\$ 256,596	\$ 2,021
Interest Earnings YTD	\$ 256,596	\$ 2,021

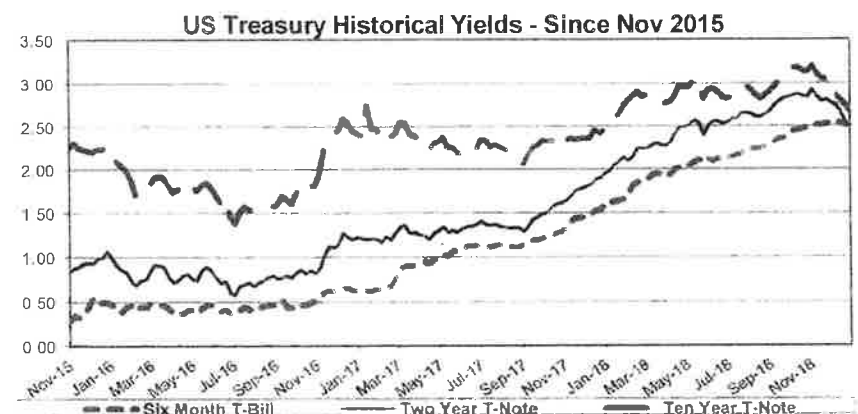
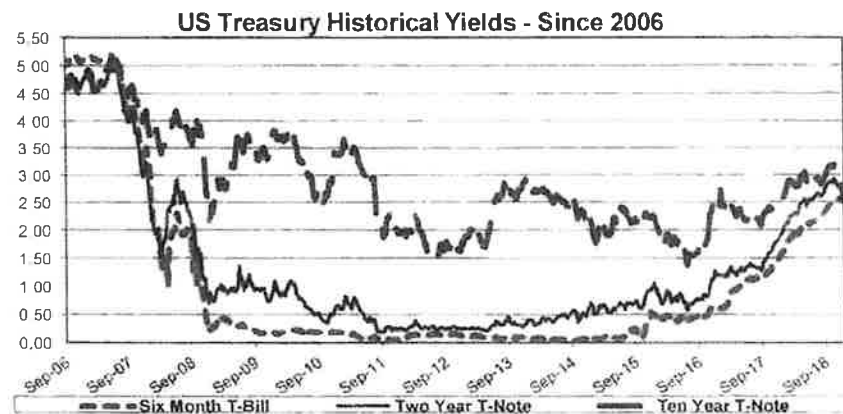
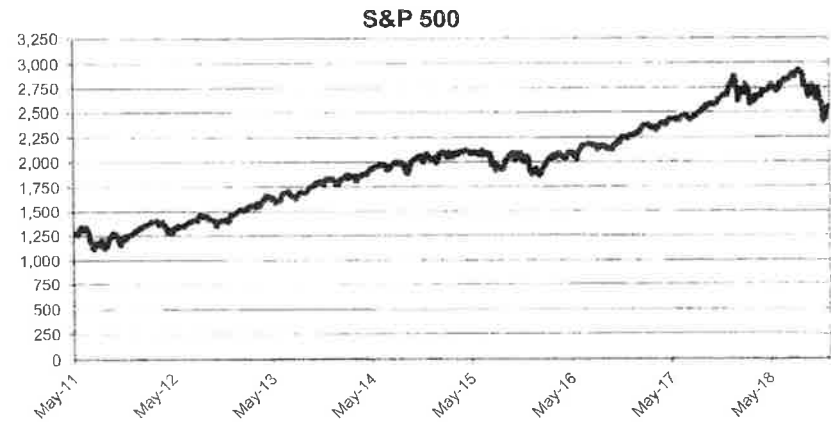
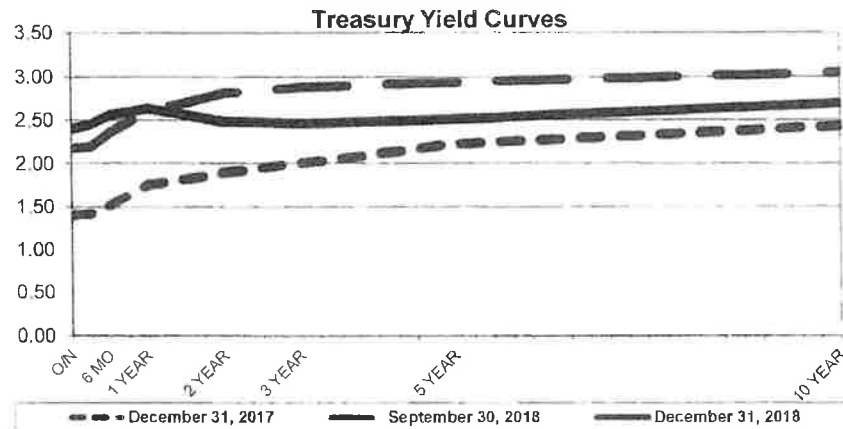
(1) Average Yield calculated using quarter end report yields and adjusted book values and does not reflect a total return analysis or account for advisory fees.

(2) Fiscal Year-to-Date Average Yields calculated using quarter end report yields and adjusted book values and does not reflect a total return analysis or account for advisory fees.

Economic Overview

12/31/2018

The Federal Open Market Committee (FOMC) increased the Fed Funds target range to 2.25% - 2.50% (Effective Fed Funds are trading +/-2.40%). The official outlook calls for two additional increases during 2019. However, the market is currently projecting zero 2019 increases. Gradual FRB portfolio reduction continues by limiting reinvestment of maturing holdings. Third Quarter GDP grew 3.4% (final). Employment/ Unemployment remain solid with December adding 312k new jobs and a 254k three month average. Crude oil decreased below +/- \$50. The Stock Markets drifted slightly higher than recent lows. Housing continues to weaken. The mid-maturity yield curve flattened.

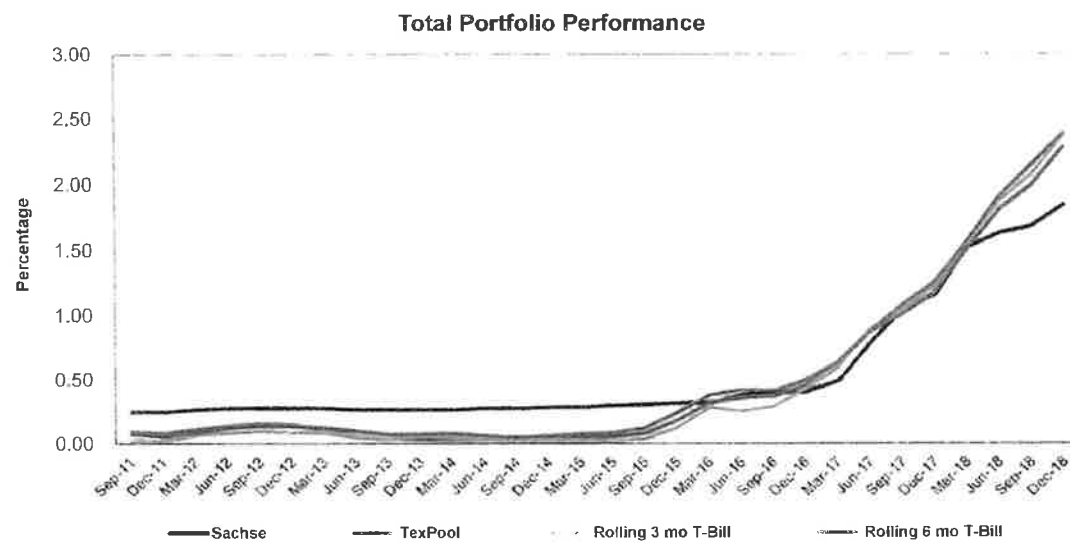
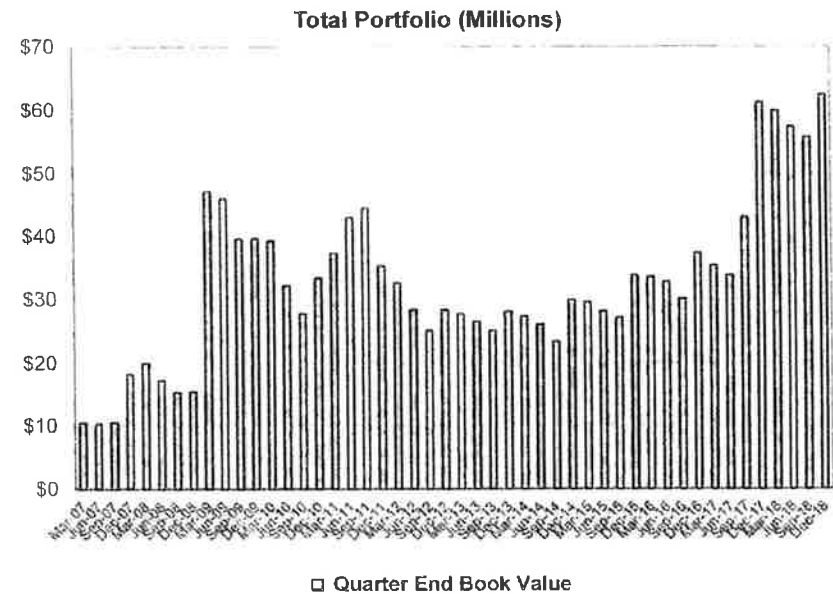
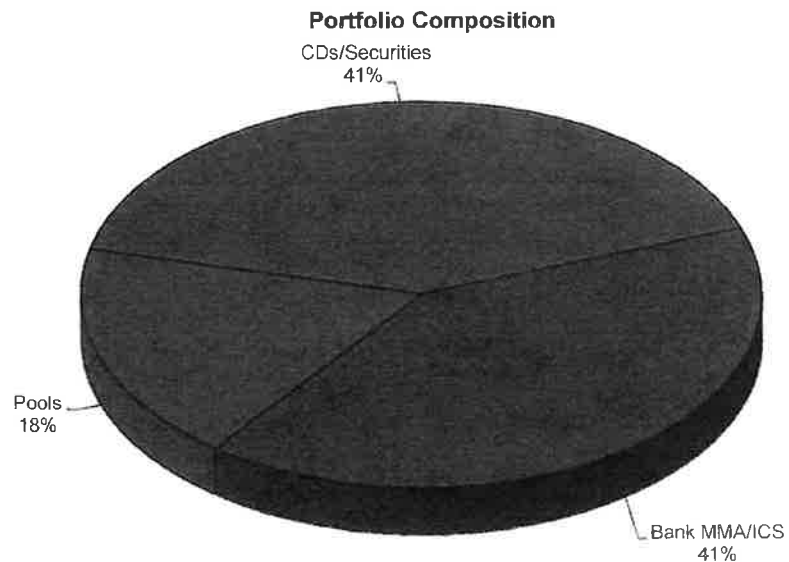


Investment Holdings
December 31, 2018

Description	Rating	Coupon/ Discount	Maturity Date	Settlement Date	Original Face/ Par Value	Book Value	Market Price	Market Value	Life (days)	Yield
ANB MMA		0.20%	01/01/19	12/31/18	\$ 11,717,259	\$ 11,717,259	1.00	\$ 11,717,259	1	0.20%
BTH Bank ICS		2.34%	01/01/19	12/31/18	2,595,310	2,595,310	1.00	2,595,310	1	2.34%
NexBank ICS		2.65%	01/01/19	12/31/18	11,319,808	11,319,808	1.00	11,319,808	1	2.65%
TexPool	AAAm	2.29%	01/01/19	12/31/18	11,487,291	11,487,291	1.00	11,487,291	1	2.29%
Landmark Bank CD 7099		1.61%	01/19/19	10/19/17	2,032,038	2,032,038	100.00	2,032,038	19	1.61%
LegacyTexas Bank CD 1919		1.55%	01/25/19	07/25/17	1,022,226	1,022,226	100.00	1,022,226	25	1.55%
East West Bank CD 2428		2.00%	01/29/19	01/29/18	1,018,637	1,018,637	100.00	1,018,637	29	2.00%
LegacyTexas Bank CD 2918		2.15%	02/20/19	02/20/18	1,027,677	1,027,677	100.00	1,027,677	51	2.15%
LegacyTexas Bank CD 3092		2.22%	02/20/19	03/20/18	1,027,603	1,027,603	100.00	1,027,603	51	2.22%
LegacyTexas Bank CD 2941		2.20%	02/26/19	02/23/18	2,036,828	2,036,828	100.00	2,036,828	57	2.20%
Landmark Bank CD 7107		1.69%	04/19/19	10/19/17	2,033,640	2,033,640	100.00	2,033,640	109	1.69%
LegacyTexas Bank CD 1920		1.60%	04/25/19	07/25/17	1,022,951	1,022,951	100.00	1,022,951	115	1.60%
Landmark Bank CD 7115		1.76%	07/19/19	10/19/17	2,035,042	2,035,042	100.00	2,035,042	200	1.76%
LegacyTeks Bank CD 6368		2.72%	07/23/19	10/23/18	2,009,102	2,009,102	100.00	2,009,102	204	2.72%
LegacyTexas Bank CD 1921		1.70%	07/25/19	07/25/17	2,048,804	2,048,804	100.00	2,048,804	206	1.70%
LegacyTexas Bank CD 2943		2.30%	08/26/19	02/23/18	1,019,258	1,019,258	100.00	1,019,258	238	2.30%
Landmark Bank CD 7123		1.81%	10/19/19	10/19/17	5,090,111	5,090,111	100.00	5,090,111	292	1.81%
LegacyTeks Bank CD 6370		2.84%	10/23/19	10/23/18	1,004,752	1,004,752	100.00	1,004,752	296	2.84%
LegacyTeks Bank CD 6376		2.90%	01/25/20	10/23/18	1,023,891	1,023,891	100.00	1,023,891	390	2.90%
					\$ 62,572,226	\$ 62,572,226		\$ 62,572,226	70	1.85%
									(1)	(2)

(1) **Weighted average life** - For purposes of calculating weighted average life, pool investments are assumed to have a one day maturity.

(2) **Weighted average yield to maturity** - The weighted average yield to maturity is based on adjusted book value, realized and unrealized gains/losses and investment advisory fees are not considered.



Book Value Comparison

Description	Coupon/ Discount	Maturity Date	September 30, 2018		Purchases/ Accretions	Amortizations/ Sales/Maturities	December 31, 2018	
			Original Face/Par Value	Book Value			Original Face/Par Value	Book Value
ANB MMA	0.20%	01/01/19	\$ 8,304,417	\$ 8,304,417	\$ 3,412,842	\$ —	\$ 11,717,259	\$ 11,717,259
BTH Bank ICS	2.34%	01/01/19	2,580,443	2,580,443	14,867		2,595,310	2,595,310
NexBank ICS	2.65%	01/01/19	11,249,785	11,249,785	70,023		11,319,808	11,319,808
TexPool	2.29%	01/01/19	8,240,936	8,240,936	3,246,355		11,487,291	11,487,291
East West Bank CD 8469	1.86%	10/29/18	2,025,126	2,025,126		(2,025,126)	—	—
Landmark Bank CD 7081	1.52%	10/19/18	1,011,244	1,011,244		(1,011,244)	—	—
LegacyTexas Bank CD 1918	1.50%	10/25/18	1,017,692	1,017,692		(1,017,692)	—	—
Landmark Bank CD 7099	1.61%	01/19/19	2,023,825	2,023,825	8,213		2,032,038	2,032,038
LegacyTexas Bank CD 1919	1.55%	01/25/19	1,018,286	1,018,286	3,940		1,022,226	1,022,226
East West Bank CD 2428	2.00%	01/29/19	1,013,515	1,013,515	5,122		1,018,637	1,018,637
LegacyTexas Bank CD 2918	2.15%	02/20/19	1,022,188	1,022,188	5,489		1,027,677	1,027,677
LegacyTexas Bank CD 3092	2.22%	02/20/19	1,021,936	1,021,936	5,667		1,027,603	1,027,603
LegacyTexas Bank CD 2941	2.20%	02/26/19	2,025,697	2,025,697	11,131		2,036,828	2,036,828
Landmark Bank CD 7107	1.69%	04/19/19	2,025,014	2,025,014	8,626		2,033,640	2,033,640
LegacyTexas Bank CD 1920	1.60%	04/25/19	1,018,881	1,018,881	4,070		1,022,951	1,022,951
Landmark Bank CD 7115	1.76%	07/19/19	2,026,054	2,026,054	8,988		2,035,042	2,035,042
LegacyTexs Bank CD 6368	2.72%	07/23/19	—	—	2,009,102		2,009,102	2,009,102
LegacyTexas Bank CD 1921	1.70%	07/25/19	2,040,145	2,040,145	8,659		2,048,804	2,048,804
LegacyTexas Bank CD 2943	2.30%	08/26/19	1,013,436	1,013,436	5,822		1,019,258	1,019,258
Landmark Bank CD 7123	1.81%	10/19/19	5,066,994	5,066,994	23,117		5,090,111	5,090,111
LegacyTexs Bank CD 6370	2.84%	10/23/19	—	—	1,004,752		1,004,752	1,004,752
LegacyTexs Bank CD 6376	2.90%	01/25/20	—	—	1,023,891		1,023,891	1,023,891
TOTAL			\$ 55,745,613	\$ 55,745,613	\$ 10,880,674	\$ (4,054,061)	\$ 62,572,226	\$ 62,572,226

Market Value Comparison

Description	Coupon/ Discount	Maturity Date	September 30, 2018		December 31, 2018		
			Original Face/Par Value	Market Value	Qtr to Qtr Change	Original Face/Par Value	Market Value
ANB MMA	0.20%	01/01/19	\$ 8,304,417	\$ 8,304,417	\$ 3,412,842	\$ 11,717,259	\$ 11,717,259
BTH Bank ICS	2.34%	01/01/19	2,580,443	2,580,443	14,867	2,595,310	2,595,310
NexBank ICS	2.65%	01/01/19	11,249,785	11,249,785	70,023	11,319,808	11,319,808
TexPool	2.29%	01/01/19	8,240,936	8,240,936	3,246,355	11,487,291	11,487,291
East West Bank CD 8469	1.86%	10/29/18	2,025,126	2,025,126	(2,025,126)	—	—
Landmark Bank CD 7081	1.52%	10/19/18	1,011,244	1,011,244	(1,011,244)	—	—
LegacyTexas Bank CD 1918	1.50%	10/25/18	1,017,692	1,017,692	(1,017,692)	—	—
Landmark Bank CD 7099	1.61%	01/19/19	2,023,825	2,023,825	8,213	2,032,038	2,032,038
LegacyTexas Bank CD 1919	1.55%	01/25/19	1,018,286	1,018,286	3,940	1,022,226	1,022,226
East West Bank CD 2428	2.00%	01/29/19	1,013,515	1,013,515	5,122	1,018,637	1,018,637
LegacyTexas Bank CD 2918	2.15%	02/20/19	1,022,188	1,022,188	5,489	1,027,677	1,027,677
LegacyTexas Bank CD 3092	2.22%	02/20/19	1,021,936	1,021,936	5,667	1,027,603	1,027,603
LegacyTexas Bank CD 2941	2.20%	02/26/19	2,025,697	2,025,697	11,131	2,036,828	2,036,828
Landmark Bank CD 7107	1.69%	04/19/19	2,025,014	2,025,014	8,626	2,033,640	2,033,640
LegacyTexas Bank CD 1920	1.60%	04/25/19	1,018,881	1,018,881	4,070	1,022,951	1,022,951
Landmark Bank CD 7115	1.76%	07/19/19	2,026,054	2,026,054	8,988	2,035,042	2,035,042
LegacyTexs Bank CD 6368	2.72%	07/23/19	—	—	2,009,102	2,009,102	2,009,102
LegacyTexas Bank CD 1921	1.70%	07/25/19	2,040,145	2,040,145	8,659	2,048,804	2,048,804
LegacyTexas Bank CD 2943	2.30%	08/26/19	1,013,436	1,013,436	5,822	1,019,258	1,019,258
Landmark Bank CD 7123	1.81%	10/19/19	5,066,994	5,066,994	23,117	5,090,111	5,090,111
LegacyTexs Bank CD 6370	2.84%	10/23/19	—	—	1,004,752	1,004,752	1,004,752
LegacyTexs Bank CD 6376	2.90%	01/25/20	—	—	1,023,891	1,023,891	1,023,891
TOTAL			\$ 55,745,613	\$ 55,745,613	\$ 6,826,613	\$ 62,572,226	\$ 62,572,226

Allocation

December 31, 2018

Book & Market Value	Total	GO I&S	General Fund	W/S Restricted	W/S Operations	Capital Project	2009 GO Bonds
ANB MMA	\$ 11,717,259	\$ 3,343,906	\$ 1,791,804	\$ 220,845	\$ 1,416,455	\$ 773,492	\$ 1,155,284
BTH Bank ICS	2,595,310	239,752	449,727	—	697,849	209,377	312,725
NexBank ICS	11,319,808	183,393	625,356	—	770,191	913,118	1,363,830
TexPool	11,487,291	—	6,028,253	—	3,053,713	—	—
Landmark Bank CD 7099	2,032,038	—	—	—	—	—	—
LegacyTexas Bank CD 1919	1,022,226	—	—	—	—	—	—
East West Bank CD 2428	1,018,637	—	1,018,637	—	—	—	—
LegacyTexas Bank CD 2918	1,027,677	—	—	—	—	—	—
LegacyTexas Bank CD 3092	1,027,603	—	—	—	—	—	—
LegacyTexas Bank CD 2941	2,036,828	—	2,036,828	—	—	—	—
Landmark Bank CD 7107	2,033,640	—	—	—	—	—	—
LegacyTexas Bank CD 1920	1,022,951	—	—	—	—	—	—
Landmark Bank CD 7115	2,035,042	—	—	—	—	—	—
LegacyTexs Bank CD 6368	2,009,102	—	2,009,102	—	—	—	—
LegacyTexas Bank CD 1921	2,048,804	—	—	—	—	—	—
LegacyTexas Bank CD 2943	1,019,258	—	—	—	1,019,258	—	—
Landmark Bank CD 7123	5,090,111	—	—	—	—	—	—
LegacyTexs Bank CD 6370	1,004,752	—	—	—	1,004,752	—	—
LegacyTexs Bank CD 6376	1,023,891	—	—	—	—	—	—
Totals	\$ 62,572,226	\$ 3,767,051	\$ 13,959,706	\$ 220,845	\$ 7,962,218	\$ 1,895,987	\$ 2,831,839

Allocation

(continued)

December 31, 2018

Book & Market Value	2017 CO	2017A CO	Restricted Park Develop,	Restricted General	Restricted Water Impact	Restricted Sewer Impact	Restricted Roadway	Street Maint.
ANB MMA	\$ -	\$ (198,950)	\$ 480,182	\$ 339,441	\$ 55,109	\$ 162,368	\$ 89,714	\$ 136,924
BTH Bank ICS	-	-	163,739	111,082	35,780	105,418	58,247	43,658
NexBank ICS	6,167,797	-	-	-	174,058	512,830	283,355	-
TexPool	2,038,427	-	-	-	65,820	193,927	107,151	-
Landmark Bank CD 7099	-	2,032,038	-	-	-	-	-	-
LegacyTexas Bank CD 1919	1,022,226	-	-	-	-	-	-	-
East West Bank CD 2428	-	-	-	-	-	-	-	-
LegacyTexas Bank CD 2918	-	-	-	-	-	-	1,027,677	-
LegacyTexas Bank CD 3092	-	-	-	-	-	-	1,027,603	-
LegacyTexas Bank CD 2941	-	-	-	-	-	-	-	-
Landmark Bank CD 7107	-	2,033,640	-	-	-	-	-	-
LegacyTexas Bank CD 1920	1,022,951	-	-	-	-	-	-	-
Landmark Bank CD 7115	-	2,035,042	-	-	-	-	-	-
LegacyTexs Bank CD 6368	-	-	-	-	-	-	-	-
LegacyTexas Bank CD 1921	2,048,804	-	-	-	-	-	-	-
LegacyTexas Bank CD 2943	-	-	-	-	-	-	-	-
Landmark Bank CD 7123	-	5,090,111	-	-	-	-	-	-
LegacyTexs Bank CD 6370	-	-	-	-	-	-	-	-
LegacyTexs Bank CD 6376	1,023,891	-	-	-	-	-	-	-
Totals	\$13,324,095	\$ 10,991,880	\$ 643,921	\$ 450,523	\$ 330,766	\$ 974,543	\$ 2,593,745	\$ 180,582

Allocation (continued)
December 31, 2018

Book & Market Value	VERF	MDD	Health Insurance	EDC
ANB MMA	\$ 496,917	\$ 205,212	\$ 306,320	\$ 942,236
BTH Bank ICS	—	—	48,762	119,195
NexBank ICS	—	—	—	325,881
TexPool	—	—	—	—
Landmark Bank CD 7099	—	—	—	—
LegacyTexas Bank CD 1919	—	—	—	—
East West Bank CD 2428	—	—	—	—
LegacyTexas Bank CD 2918	—	—	—	—
LegacyTexas Bank CD 3092	—	—	—	—
LegacyTexas Bank CD 2941	—	—	—	—
Landmark Bank CD 7107	—	—	—	—
LegacyTexas Bank CD 1920	—	—	—	—
Landmark Bank CD 7115	—	—	—	—
LegacyTexs Bank CD 6368	—	—	—	—
LegacyTexas Bank CD 1921	—	—	—	—
LegacyTexas Bank CD 2943	—	—	—	—
Landmark Bank CD 7123	—	—	—	—
LegacyTexs Bank CD 6370	—	—	—	—
LegacyTexs Bank CD 6376	—	—	—	—
Totals	\$ 496,917	\$ 205,212	\$ 355,082	\$ 1,387,312

Allocation

September 30, 2018

Book & Market Value	Total	GO I&S	General Fund	W/S Restricted	W/S Operations	Capital Project	2009 GO Bonds	2017 CO
ANB MMA	\$ 8,304,417	\$ 355,532	\$ 128,997	\$ 220,845	\$2,209,279	\$ 752,926	\$ 1,643,860	\$ -
BTH Bank ICS	2,580,443	238,379	447,151	-	693,851	163,073	356,037	-
NexBank ICS	11,249,785	182,875	923,591	-	750,685	619,020	1,351,503	6,129,644
TexPool	8,240,936	-	2,314,468	-	3,533,893	-	-	2,027,623
East West Bank CD 8469	2,025,126	-	2,025,126	-	-	-	-	-
Landmark Bank CD 7081	1,011,244	-	-	-	1,011,244	-	-	-
LegacyTexas Bank CD 1918	1,017,692	-	-	-	-	-	-	1,017,692
Landmark Bank CD 7099	2,023,825	-	-	-	-	-	-	-
LegacyTexas Bank CD 1919	1,018,286	-	-	-	-	-	-	1,018,286
East West Bank CD 2428	1,013,515	-	1,013,515	-	-	-	-	-
LegacyTexas Bank CD 2918	1,022,188	-	-	-	-	-	-	-
LegacyTexas Bank CD 3092	1,021,936	-	-	-	-	-	-	-
LegacyTexas Bank CD 2941	2,025,697	-	2,025,697	-	-	-	-	-
Landmark Bank CD 7107	2,025,014	-	-	-	-	-	-	-
LegacyTexas Bank CD 1920	1,018,881	-	-	-	-	-	-	1,018,881
Landmark Bank CD 7115	2,026,054	-	-	-	-	-	-	-
LegacyTexas Bank CD 1921	2,040,145	-	-	-	-	-	-	2,040,145
LegacyTexas Bank CD 2943	1,013,436	-	-	-	1,013,436	-	-	-
Landmark Bank CD 7123	5,066,994	-	-	-	-	-	-	-
Totals	\$ 55,745,613	\$ 776,786	\$ 8,878,544	\$ 220,845	\$ 9,212,387	\$ 1,535,020	\$ 3,351,401	\$ 13,252,270

Allocation
September 30, 2018

(continued)

Book & Market Value	2017A CO	Restricted Park Develop.	Restricted General	Restricted Water Impact	Restricted Sewer Impact	Restricted Roadway	Street Maint.	VERF
ANB MMA	\$ (198,950)	\$ 479,007	\$ 337,801	\$ 80,701	\$ 245,467	\$ 180,389	\$ 352,411	\$ 629,131
BTH Bank ICS	—	160,242	113,005	31,592	96,093	70,617	43,408	—
NexBank ICS	—	—	—	154,135	468,833	344,536	—	—
TexPool	—	—	—	58,141	176,849	129,963	—	—
East West Bank CD 8469	—	—	—	—	—	—	—	—
Landmark Bank CD 7081	—	—	—	—	—	—	—	—
LegacyTexas Bank CD 1918	—	—	—	—	—	—	—	—
Landmark Bank CD 7099	2,023,825	—	—	—	—	—	—	—
LegacyTexas Bank CD 1919	—	—	—	—	—	—	—	—
East West Bank CD 2428	—	—	—	—	—	—	—	—
LegacyTexas Bank CD 2918	—	—	—	—	—	1,022,188	—	—
LegacyTexas Bank CD 3092	—	—	—	—	—	1,021,936	—	—
LegacyTexas Bank CD 2941	—	—	—	—	—	—	—	—
Landmark Bank CD 7107	2,025,014	—	—	—	—	—	—	—
LegacyTexas Bank CD 1920	—	—	—	—	—	—	—	—
Landmark Bank CD 7115	2,026,054	—	—	—	—	—	—	—
LegacyTexas Bank CD 1921	—	—	—	—	—	—	—	—
LegacyTexas Bank CD 2943	—	—	—	—	—	—	—	—
Landmark Bank CD 7123	5,066,994	—	—	—	—	—	—	—
Totals	\$ 10,942,937	\$ 639,249	\$ 450,805	\$ 324,569	\$ 987,242	\$ 2,769,629	\$ 395,819	\$ 629,131

Allocation (continued)
September 30, 2018

Book & Market Value	MDD	Health Insurance	EDC
ANB MMA	\$ 115,732	\$ 298,890	\$472,400
BTH Bank ICS	—	48,483	118,512
NexBank ICS	—	—	324,961
TexPool	—	—	—
East West Bank CD 8469	—	—	—
Landmark Bank CD 7081	—	—	—
LegacyTexas Bank CD 1918	—	—	—
Landmark Bank CD 7099	—	—	—
LegacyTexas Bank CD 1919	—	—	—
East West Bank CD 2428	—	—	—
LegacyTexas Bank CD 2918	—	—	—
LegacyTexas Bank CD 3092	—	—	—
LegacyTexas Bank CD 2941	—	—	—
Landmark Bank CD 7107	—	—	—
LegacyTexas Bank CD 1920	—	—	—
Landmark Bank CD 7115	—	—	—
LegacyTexas Bank CD 1921	—	—	—
LegacyTexas Bank CD 2943	—	—	—
Landmark Bank CD 7123	—	—	—
Totals	\$ 115,732	\$ 347,373	\$915,874

Portfolio Summary
City of Sachse, TX
December 31, 2018

Safety - Investment Type

Investment Type	Book Value	Percent
Money Market Account*	\$ 25,632,376	41.0%
Investment Pools	11,487,291	18.4%
CD's	25,452,559	40.7%

Total* \$ 62,572,226 100%
 *(Includes Sachse EDC Money Market)

Locality Have Simens by Maturity Date

Under 30 days	\$ 41,192,568	66%
31 - 90 days	4,092,108	7%
91 - 180 days	3,058,591	5%
181 - 365 days	13,207,069	21%
366 - 760 days	1,023,890	2%

Total Principal Invested \$ 62,572,226 100%

Portfolio Yield	Fiscal YTD Interest	Int Earned this QTR	(F-YTD) Percent of total
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Debt Service	\$ 2,108	\$ 2,108	0.81%
General Fund	\$ 46,376	46,376	17.93%
Water and Sewer Fund	\$ 129,818	129,818	50.20%
Capital Project Fund	\$ 58,782	58,782	22.73%
Special Revenue Fund	\$ 1,814	1,814	0.70%
Impact Fee Fund	\$ 17,073	17,073	6.60%
Street Maintenance Fund	\$ 260	260	0.10%
Vehicle/Equipment Fund	\$ -	-	
Municipal Development District	\$ 34	34	
Health Insurance Fund	\$ 331	331	0.13%
Sachse EDC	\$ 2,021	2,021	0.78%

Total Portfolios \$ 258,617 \$ 258,617 99.99%

Portfolio Balance	Beginning Balances	Ending Book Balances	Change
Debt Service	\$ 776,786	\$ 3,767,051	\$ 2,990,265.00
General Fund	8,878,544	13,959,706	5,081,162.00
Water and Sewer Fund	22,685,502	21,507,158	(1,178,344.00)
Capital Project Fund	15,829,358	15,719,706	(109,652.00)
Special Revenue Fund	1,090,055	1,094,444	4,388.00
Impact Fee Fund	4,081,440	3,899,055	(182,385.00)
Street Maintenance Fund	395,819	180,582	(215,237.00)
Vehicle/Equipment Fund	629,131	496,917	(132,214.00)
Municipal Development District	115,732	205,212	89,480.00
Health Insurance Fund	347,373	355,082	7,709.00
Sachse EDC	915,874	1,387,312	471,438.00
Total Portfolios	\$ 55,745,614	\$ 62,572,226	\$ 6,826,611

Historical Interest Rates

Pooled Money Market Account

	October	November	December
2018	0.2000%	0.2000%	0.2000%
2017	0.2000%	0.2000%	0.2000%
2016	0.2000%	0.2000%	0.2000%
2018	2.1438%	2.2030%	2.2872%
2017	1.0318%	1.0506%	1.1764%
2016	0.3828%	0.3987%	0.4570%

Tax Pool

City of Sachse, TX
Investment Portfolios
October 31, 2018

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Principal Invested	Book Value		Market Value			
								Beginning of Month	Change	End of Month	Beginning of Month	Change	End of Month
Debt Service													
GO Bond I&S Fund	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	355,532	355,532	102,375	457,907	355,532	102,375	457,907
GO Bond I&S Fund	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	238,379	238,379	450	238,829	238,379	450	238,829
GO Bond I&S Fund	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	182,875	182,875	173	183,048	182,875	173	183,048
Total							776,786	776,786	102,998	879,784	776,786	102,998	879,784
General Fund													
General Fund	TexPool	1111-000	10/31/2018	11/1/2018	2.1438%	1	2,314,468	2,314,468	(1,295,142)	1,016,326	2,314,468	(1,298,142)	1,016,326
General Fund	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	128,997	128,997	733,700	862,697	128,997	733,700	862,697
General Fund	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	447,151	447,151	846	447,997	447,151	846	447,997
General Fund	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	923,591	923,591	(299,412)	624,179	923,591	(299,412)	624,179
General Fund	CD	60050006368	10/23/2018	7/23/2019	2.7200%	265	0	0	2,000,000	2,000,000	0	2,000,000	2,000,000
General Fund	CD	172058469	1/29/2018	10/29/2018	1.8600%	0	2,000,000	2,025,126	(2,025,126)	0	2,025,126	(2,025,126)	0
General Fund	CD	60050002941	2/23/2018	2/26/2019	2.2000%	118	2,000,000	2,025,697	3,662	2,029,359	2,025,697	3,662	2,029,359
General Fund	CD	172052428	1/29/2018	1/29/2019	2.0000%	90	1,000,000	1,013,515	1,723	1,015,238	1,013,515	1,723	1,015,238
Total							8,814,207	8,878,544	(882,749)	7,995,796	8,878,544	(882,749)	7,995,796
Water and Sewer Fund													
W/S Restricted Fund	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	220,845	220,845	0	220,845	220,845	0	220,845
W/S Operations	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	2,209,275	2,209,275	(418,017)	1,791,258	2,209,275	(418,017)	1,791,258
W/S Operations	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	693,851	693,851	1,312	695,163	693,851	1,312	695,163
W/S Operations	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	750,685	750,685	6,486	757,171	750,685	6,486	757,171
W/S 2017CO	Money Market	3886 2017CO	10/31/2018	11/1/2018	1.4700%	1	6,129,644	6,129,644	12,696	6,142,340	6,129,644	12,696	6,142,340
W/S Operations	TexPool	1111-000	10/31/2018	11/1/2018	2.1438%	1	3,533,893	3,533,893	507,389	4,041,282	3,533,893	507,389	4,041,282
W/S 2017CO	TexPool	1-000 2017CO	10/31/2018	11/1/2018	2.1438%	1	2,027,623	2,027,623	3,714	2,031,337	2,027,623	3,714	2,031,337
W/S 2017CO	CD	60050006376	10/23/2018	1/25/2020	2.9000%	451	0	0	1,018,946	1,018,946	0	1,018,946	1,018,946
W/S 2017CO	CD	1918 2017CO	7/25/2017	10/25/2018	1.5000%	0	1,000,000	1,017,692	(1,017,692)	0	1,017,692	(1,017,692)	0
W/S 2017CO	CD	1919 2017CO	7/25/2017	1/25/2019	1.5500%	86	1,000,000	1,018,286	1,298	1,019,584	1,018,286	1,298	1,019,584
W/S 2017CO	CD	1920 2017CO	7/25/2017	4/25/2019	1.6000%	176	1,000,000	1,018,881	1,340	1,020,221	1,018,881	1,340	1,020,221
W/S 2017CO	CD	1921 2017CO	7/25/2017	7/25/2019	1.7000%	267	2,000,000	2,040,145	2,850	2,042,995	2,040,145	2,850	2,042,995
W/S	CD	2943	2/23/2018	8/26/2019	2.3000%	299	1,000,000	1,013,436	1,915	1,015,351	1,013,436	1,915	1,015,351
W/S	CD	60050006370	10/23/2018	10/23/2019	2.8400%	357	1,000,000	0	1,000,000	1,000,000	0	1,000,000	1,000,000
W/S	CD	7081	10/19/2017	10/19/2018	1.5200%	0	1,000,000	1,011,244	(1,011,244)	0	1,011,244	(1,011,244)	0
Total							23,565,816	22,685,502	110,993	22,796,494	22,685,502	110,993	22,796,494
Capital Project Funds													
Capital Project Funds	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	752,926	752,926	71,346	824,272	752,926	71,346	824,272
Capital Project Funds	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	163,073	163,073	51,352	214,425	163,073	51,352	214,425
Capital Project Funds	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	619,020	619,020	317,959	936,979	619,020	317,959	936,979
2009 GO Bonds	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	1,643,860	1,643,860	(468,842)	1,175,018	1,643,860	(468,842)	1,175,018
2009 GO Bonds	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	356,037	356,037	(50,370)	305,667	356,037	(50,370)	305,667
2009 GO Bonds	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	1,351,503	1,351,503	(15,818)	1,335,685	1,351,503	(15,818)	1,335,685
2017A CO Bonds	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	(198,950)	(198,950)	(198,950)	(198,950)	0	(198,950)	0
2017A CO Bonds	CD	7123	10/19/2017	10/19/2019	1.8100%	353	5,066,994	5,066,994	23,117	5,090,111	5,066,994	23,117	5,090,111
2017A CO Bonds	CD	7115	10/19/2017	7/19/2019	1.7600%	261	2,026,054	2,026,054	8,988	2,035,042	2,026,054	8,988	2,035,042
2017A CO Bonds	CD	7107	10/19/2017	4/19/2019	1.6900%	170	2,025,014	2,025,014	8,626	2,033,640	2,025,014	8,626	2,033,640
2017A CO Bonds	CD	7099	10/19/2017	1/19/2019	1.6100%	80	2,023,825	2,023,825	8,213	2,032,038	2,023,825	8,213	2,032,038
Total							15,829,356	15,829,358	(45,429)	15,783,927	15,829,358	(45,429)	15,783,927
Special Revenue Funds													
Restricted Park Development Fee Fund	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	479,007	479,007	453	479,460	479,007	453	479,460
Restricted Park Development Fee Fund	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	160,242	160,242	3,539	163,781	160,242	3,539	163,781
Restricted General Fund	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	337,801	337,801	(1,044)	336,757	337,801	(1,044)	336,757
Restricted General Fund	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	113,005	113,005	(3,022)	109,983	113,005	(3,022)	109,983
Total							1,090,055	1,090,055	(74)	1,089,980	1,090,055	(74)	1,089,980
Impact Fee Funds													
Restricted Water Impact Fee	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	80,701	80,701	1,309	82,010	80,701	1,309	82,010
Restricted Water Impact Fee	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	31,592	31,592	(695)	30,897	31,592	(695)	30,897

City of Sachse, TX
Investment Portfolios
October 31, 2018

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Principal Invested	Book Value		Market Value		
								Beginning of Month	Change ¹	End of Month	Beginning of Month	End of Month
Restricted Water Impact Fee	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	154,135	154,135	(3,537)	150,598	154,135	150,598
Restricted Water Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	2.1438%	1	58,141	58,141	(1,283)	56,858	58,141	56,858
Restricted Sewer Impact Fee	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	245,467	245,467	(65,096)	180,371	245,467	180,371
Restricted Sewer Impact Fee	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	96,093	96,093	(28,141)	67,952	96,093	67,952
Restricted Sewer Impact Fee	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	468,833	468,833	(137,611)	331,222	468,833	331,222
Restricted Sewer Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	2.1438%	1	176,849	176,849	(51,798)	125,051	176,849	125,051
Restricted Roadway Impact Fee	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	180,389	180,389	84,594	264,983	180,389	264,983
Restricted Roadway Impact Fee	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	70,617	70,617	29,211	99,828	70,617	99,828
Restricted Roadway Impact Fee	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	344,536	344,536	142,061	486,597	344,536	486,597
Restricted Roadway Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	2.1438%	1	331,307	129,963	53,749	183,712	129,963	183,712
Impact Fee Fund	CD	1650/2918	2/20/2018	2/20/2019	2.1500%	112	1,009,514	1,022,188	1,806	1,023,994	1,022,188	1,023,994
Impact Fee Fund	CD	1651/3092	3/20/2018	2/20/2019	2.2200%	112	1,010,574	1,021,936	1,865	1,023,801	1,021,936	1,023,801
Total							4,258,748	4,081,440	26,434	4,107,875	4,081,440	4,107,875
Street Maintenance Fund												
Street Maintenance Tax	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	352,411	352,411	29,738	382,149	352,411	382,149
Street Maintenance Tax	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	43,408	43,408	82	43,490	43,408	43,490
Total							395,819	395,819	29,820	425,640	395,819	425,640
Health Insurance Fund												
Health Insurance	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	298,890	298,890	(5,072)	293,818	298,890	293,818
Health Insurance	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	48,483	48,483	91	48,574	48,483	48,574
Total							347,373	347,373	(4,981)	342,393	347,373	342,393
EDC Fund												
EDC PMMKT	Money Market	114512	10/31/2018	11/1/2018	0.2700%	1	472,400	472,400	417,768	890,168	472,400	890,168
EDC PMMKT	Money Market	BTH	10/31/2018	11/1/2018	2.2750%	1	118,512	118,512	224	118,736	118,512	118,736
EDC PMMKT	Money Market	NexBank	10/31/2018	11/1/2018	2.4500%	1	324,961	324,961	307	325,268	324,961	325,268
Total							915,874	915,874	418,299	1,334,172	915,874	1,334,172
Vehicle/Equipment Replacement Fund												
VERF	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	629,131	629,131	(3,155)	625,976	629,131	625,976
Total							629,131	629,131	(3,155)	625,976	629,131	625,976
Municipal Development District												
Municipal Development District	Money Market	114512	10/31/2018	11/1/2018	0.2000%	1	115,732	115,732	26,420	142,152	115,732	142,152
Total							115,732	115,732	26,420	142,152	115,732	142,152
							56,738,897	55,745,613	(221,424)	55,524,186	55,745,613	55,524,186

Summary of Portfolios by Security Type
10/31/18

Security Type	Percent of Total (Book Value)	Average # of days	Average Yield	Principal Invested	Book Value		Market Value		
					Beginning of Month	Change	End of Month	Beginning of Month	End of Month
Money Market Account	40.83%	1	1.4141%	22,018,908	22,134,643	534,660	22,669,300	22,134,643	22,669,300
TexPool	13.43%	1	2.1438%	8,442,281	8,240,937	-786,371	7,454,566	8,240,937	7,454,566
CD's	45.75%	213	1.9961%	26,161,975	25,370,033	30,287	25,400,320	25,370,033	25,400,320
Total	100.00%			56,623,164	55,745,613	-221,424	55,524,186	55,745,613	55,524,186

¹Change = Investment activity including earnings, deposits and withdrawals.

City of Sachse, TX
Investment Portfolios
November 30, 2018

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Prncipal Invested	Book Value		Market Value			
								Beginning of Month	Change	End of Month	Beginning of Month	Change	End of Month
Direct Service													
GO Bond I&S Fund	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	457,907	457,907	486,001	943,908	457,907	486,001	943,908
GO Bond I&S Fund	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	238,829	238,829	447	239,276	238,829	447	239,276
GO Bond I&S Fund	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	183,048	183,048	168	183,216	183,048	168	183,216
Total							879,784	879,784	486,616	1,366,400	879,784	486,616	1,366,400
General Fund													
General Fund	TexPool	1111-000	11/30/2018	12/1/2018	1.9205%	1	1,016,326	1,016,326	356,134	1,372,460	1,016,326	356,134	1,372,460
General Fund	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	862,697	862,697	155,469	1,018,166	862,697	155,469	1,018,166
General Fund	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	447,997	447,997	838	448,835	447,997	838	448,835
General Fund	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	624,179	624,179	572	624,751	624,179	572	624,751
General Fund	CD	60050006366	10/23/2018	7/23/2019	2.7200%	235	2,000,000	2,000,000	4,620	2,004,620	2,000,000	4,620	2,004,620
General Fund	CD	60050002941	2/23/2018	2/26/2019	2.2000%	88	2,000,000	2,029,359	3,792	2,033,151	2,029,359	3,792	2,033,151
General Fund	CD	172052428	1/29/2018	1/29/2019	2.0000%	60	1,000,000	1,015,238	1,670	1,016,908	1,015,238	1,670	1,016,908
Total							7,951,199	7,995,796	523,095	8,518,892	7,995,796	523,095	8,518,892
Water and Sewer Fund													
W/S Restricted Fund	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	220,845	220,845	0	220,845	220,845	0	220,845
W/S Operations	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	1,791,258	1,791,258	(1,050,860)	740,398	1,791,258	(1,050,860)	740,398
W/S Operations	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	695,163	695,163	1,301	696,464	695,163	1,301	696,464
W/S Operations	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	757,171	757,171	6,328	763,499	757,171	6,328	763,499
W/S 2017CO	Money Market	3856 2017CO	11/30/2018	12/1/2018	1.4700%	1	6,142,340	6,142,340	12,377	6,154,717	6,142,340	12,377	6,154,717
W/S Operations	TexPool	1111-000	11/30/2018	12/1/2018	1.9205%	1	4,041,282	4,041,282	7,318	4,048,600	4,041,282	7,318	4,048,600
W/S 2017CO	TexPool	1-000 2017CO	11/30/2018	12/1/2018	1.9205%	1	2,031,337	2,031,337	3,678	2,035,015	2,031,337	3,678	2,035,015
W/S 2017CO	CD	60050006376	10/23/2018	1/25/2020	2.9000%	421	1,018,946	1,018,946	2,510	1,021,456	1,018,946	2,510	1,021,456
W/S 2017CO	CD	1919 2017CO	7/25/2017	1/25/2019	1.5500%	56	1,000,000	1,019,584	1,342	1,020,926	1,019,584	1,342	1,020,926
W/S 2017CO	CD	1920 2017CO	7/25/2017	4/25/2019	1.6000%	146	1,000,000	1,020,221	1,387	1,021,608	1,020,221	1,387	1,021,608
W/S 2017CO	CD	1921 2017CO	7/25/2017	7/25/2019	1.7000%	237	2,000,000	2,042,995	2,950	2,045,945	2,042,995	2,950	2,045,945
W/S	CD	2943	2/23/2018	8/26/2019	2.3000%	269	1,000,000	1,015,351	1,984	1,017,335	1,015,351	1,984	1,017,335
W/S	CD	60050006370	10/23/2018	10/23/2019	2.8400%	327	1,000,000	1,000,000	2,412	1,002,412	1,000,000	2,412	1,002,412
Total							22,698,342	22,796,493	(1,007,273)	21,789,219	22,796,493	(1,007,273)	21,789,219
Capital Project Funds													
Capital Project Funds	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	824,272	824,272	(22,559)	801,713	824,272	(22,559)	801,713
Capital Project Funds	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	214,425	214,425	(5,411)	209,014	214,425	(5,411)	209,014
Capital Project Funds	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	936,979	936,979	(24,512)	912,467	936,979	(24,512)	912,467
2009 GO Bonds	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	1,175,018	1,175,018	21,912	1,196,930	1,175,018	21,912	1,196,930
2009 GO Bonds	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	305,667	305,667	6,384	312,051	305,667	6,384	312,051
2009 GO Bonds	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	1,335,685	1,335,685	26,596	1,362,281	1,335,685	26,596	1,362,281
2017A CO Bonds	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	(198,950)	(198,950)	(198,950)	(198,950)	(198,950)	0	(198,950)
2017A CO Bonds	CD	7123	10/19/2017	10/19/2019	1.8100%	323	5,090,111	5,090,111	5,090,111	5,090,111	5,090,111	0	5,090,111
2017A CO Bonds	CD	7115	10/19/2017	7/19/2019	1.7600%	231	2,035,042	2,035,042	0	2,035,042	2,035,042	0	2,035,042
2017A CO Bonds	CD	7107	10/19/2017	4/19/2019	1.6900%	140	2,033,640	2,033,640	0	2,033,640	2,033,640	0	2,033,640
2017A CO Bonds	CD	7099	10/19/2017	1/19/2019	1.6100%	50	2,032,038	2,032,038	0	2,032,038	2,032,038	0	2,032,038
Total							15,783,928	15,783,927	2,410	15,786,337	15,783,927	2,410	15,786,337
Special Revenue Funds													
Restricted Park Development Fee Fun	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	479,460	479,460	(152)	479,308	479,460	(152)	479,308
Restricted Park Development Fee Fun	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	163,781	163,781	519	164,300	163,781	519	164,300
Restricted General Fund	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	336,757	336,757	6,078	342,835	336,757	6,078	342,835
Restricted General Fund	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	109,983	109,983	(7)	109,976	109,983	(7)	109,976
Total							1,089,982	1,089,981	6,438	1,096,419	1,089,981	6,438	1,096,419
Impact Fee Fund													
Restricted Water Impact Fee	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	82,010	82,010	(43,598)	38,412	82,010	(43,598)	38,412
Restricted Water Impact Fee	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	30,897	30,897	1,713	32,610	30,897	1,713	32,610
Restricted Water Impact Fee	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	150,598	150,598	8,203	158,801	150,598	8,203	158,801

City of Sachse, TX
Investment Portfolios
November 30, 2018

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Principal Invested	Book Value		Market Value			
								Beginning of Month	End of Month	Beginning of Month	Change	End of Month	Change
Restricted Water Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	1.9205%	1	56,858	56,858	3,150	60,008	56,858	3,150	60,008
Restricted Sewer Impact Fee	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	180,371	180,371	(65,743)	114,628	180,371	(65,743)	114,628
Restricted Sewer Impact Fee	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	67,952	67,952	29,361	97,313	67,952	29,361	97,313
Restricted Sewer Impact Fee	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	331,222	331,222	142,664	473,886	331,222	142,664	473,886
Restricted Sewer Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	1.9205%	1	125,051	125,051	54,022	179,073	125,051	54,022	179,073
Restricted Roadway Impact Fee	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	264,983	264,983	(183,559)	81,424	264,983	(183,559)	81,424
Restricted Roadway Impact Fee	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	99,828	99,828	(30,703)	69,125	99,828	(30,703)	69,125
Restricted Roadway Impact Fee	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	486,597	486,597	(149,978)	336,619	486,597	(149,978)	336,619
Restricted Roadway Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	1.9205%	1	183,712	183,712	(56,510)	127,202	183,712	(56,510)	127,202
Impact Fee Fund	CD	1650/2918	2/20/2018	2/20/2019	2.1500%	82	1,009,514	1,023,994	1,870	1,025,864	1,023,994	1,870	1,025,864
Impact Fee Fund	CD	1651/3092	3/20/2018	2/20/2019	2.2200%	82	1,010,574	1,023,801	1,930	1,025,731	1,023,801	1,930	1,025,731
Total							4,080,167	4,107,874	(267,178)	3,820,697	4,107,874	(267,178)	3,820,697
Street Maintenance Fund													
Street Maintenance Tax	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	382,149	382,149	42,252	424,401	382,149	42,252	424,401
Street Maintenance Tax	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	43,490	43,490	82	43,572	43,490	82	43,572
Total							425,639	425,639	42,334	467,973	425,639	42,334	467,973
Health Insurance Fund													
Health Insurance	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	293,818	293,818	5,759	299,577	293,818	5,759	299,577
Health Insurance	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	48,574	48,574	91	48,665	48,574	91	48,665
Total							342,392	342,392	5,850	348,242	342,392	5,850	348,242
EDC Fund													
EDC PMMKT	Money Market	114512	11/30/2018	12/1/2018	0.2700%	1	890,168	890,168	34,072	924,240	890,168	34,072	924,240
EDC PMMKT	Money Market	BTH	11/30/2018	12/1/2018	2.0300%	1	118,736	118,736	223	118,959	118,736	223	118,959
EDC PMMKT	Money Market	NexBank	11/30/2018	12/1/2018	2.1900%	1	325,268	325,268	298	325,566	325,268	298	325,566
Total							1,334,173	1,334,172	34,593	1,368,765	1,334,172	34,593	1,368,765
Venue/Equipment Replacement Fund													
VERF	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	625,976	625,976	(121,235)	504,741	625,976	(121,235)	504,741
Total							625,976	625,976	(121,235)	504,741	625,976	(121,235)	504,741
Municipal Development District													
Municipal Development District	Money Market	114512	11/30/2018	12/1/2018	0.2000%	1	142,152	142,152	35,718	177,870	142,152	35,718	177,870
Total							142,152	142,152	35,718	177,870	142,152	35,718	177,870
							55,353,734	55,524,186	(278,632)	55,245,554	55,524,186	(278,632)	55,245,554

Summary of Portfolios by Security Type
11/30/18

Security Type	Percent of		Average # of days	Average Yield	Principal Invested	Book Value		Market Value			
	Total (Book Value)					Beginning of Month	Change	End of Month	Beginning of Month	Change	End of Month
Money Market Account	39.82%	1	1.2760%		22,669,300	22,669,300	-672,891	21,996,409	22,669,300	-672,891	21,996,409
TexPool	14.16%	1	1.9205%		7,454,566	7,454,566	367,792	7,822,358	7,454,566	367,792	7,822,358
CD's	46.03%	183	2.0700%		24,229,865	24,400,320	26,467	25,426,787	24,400,320	26,467	25,426,787
Total	100.00%				54,353,731	54,524,186	-278,632	55,245,554	54,524,186	-278,632	55,245,554

1 Change = Investment activity including earnings, deposits and withdrawals.

City of Sachse, TX
Investment Portfolios
December 31, 2018

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Principal Invested	Book Value		Market Value			
								Beginning of Month	Change 1	End of Month	Beginning of Month	Change	End of Month
Debt Service													
GO Bond I&S Fund	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	943,908	943,908	2,399,998	3,343,906	943,908	2,399,998	3,343,906
GO Bond I&S Fund	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	239,276	239,276	476	239,752	239,276	476	239,752
GO Bond I&S Fund	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	1	183,216	183,216	177	183,393	183,216	177	183,393
Total							1,366,400	1,366,400	2,400,651	3,767,051	1,366,400	2,400,651	3,767,051
General Fund													
General Fund	TexPool	1111-000	12/31/2018	1/1/2019	1.8110%	1	1,372,460	1,372,460	4,655,793	6,028,253	1,372,460	4,655,793	6,028,253
General Fund	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	1,018,166	1,018,166	773,638	1,791,804	1,018,166	773,638	1,791,804
General Fund	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	448,835	448,835	892	449,727	448,835	892	449,727
General Fund	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	1	624,751	624,751	605	625,356	624,751	605	625,356
General Fund	CD	60050006368	10/23/2018	7/23/2019	2.7200%	204	2,000,000	2,004,620	4,482	2,009,102	2,004,620	4,482	2,009,102
General Fund	CD	60050002941	2/23/2018	2/26/2019	2.2000%	57	2,000,000	2,033,151	3,677	2,036,828	2,033,151	3,677	2,036,828
General Fund	CD	172052428	1/29/2018	1/29/2019	2.0000%	29	1,000,000	1,016,908	1,729	1,018,637	1,016,908	1,729	1,018,637
Total							8,464,212	8,518,892	5,440,816	13,959,706	8,518,892	5,440,816	13,959,706
Water and Sewer Fund													
W/S Restrcted Fund	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	220,845	220,845		220,845	220,845	0	220,845
W/S Operations	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	740,398	740,398	676,057	1,416,455	740,398	676,057	1,416,455
W/S Operations	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	696,464	696,464	1,385	697,849	696,464	1,385	697,849
W/S Operations	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	1	763,499	763,499	6,692	770,191	763,499	6,692	770,191
W/S 2017CO	Money Market	3886 2017CO	12/31/2018	1/1/2019	1.4700%	1	6,154,717	6,154,717	13,080	6,167,797	6,154,717	13,080	6,167,797
W/S Operations	TexPool	1111-000	12/31/2018	1/1/2019	1.8110%	1	4,048,600	4,048,600	(994,887)	3,053,713	4,048,600	(994,887)	3,053,713
W/S 2017CO	TexPool	1111-000 2017CO	12/31/2018	1/1/2019	1.8110%	1	2,035,015	2,035,015	3,412	2,038,427	2,035,015	3,412	2,038,427
W/S 2017CO	CD	60050006376	10/23/2018	1/25/2020	2.9000%	390	1,000,000	1,021,456	2,434	1,023,890	1,021,456	2,434	1,023,890
W/S 2017CO	CD	1919 2017CO	7/25/2017	1/25/2019	1.5500%	25	1,000,000	1,020,926	1,300	1,022,226	1,020,926	1,300	1,022,226
W/S 2017CO	CD	1920 2017CO	7/25/2017	4/25/2019	1.6000%	115	1,000,000	1,021,608	1,343	1,022,951	1,021,608	1,343	1,022,951
W/S 2017CO	CD	1921 2017CO	7/25/2017	7/25/2019	1.7000%	206	2,000,000	2,045,945	2,859	2,048,804	2,045,945	2,859	2,048,804
W/S	CD	2943	2/23/2018	8/26/2019	2.3000%	238	1,000,000	1,017,335	1,923	1,019,258	1,017,335	1,923	1,019,258
W/S	CD	60050006370	10/23/2018	10/23/2019	2.8400%	296	1,000,000	1,002,412	2,340	1,004,752	1,002,412	2,340	1,004,752
Total							21,659,538	21,789,219	(282,062)	21,507,158	21,789,219	(282,062)	21,507,158
Capital Project Funds													
Capital Project Funds	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	801,713	801,713	(28,221)	773,492	801,713	(28,221)	773,492
Capital Project Funds	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	209,014	209,014	363	209,377	209,014	363	209,377
Capital Project Funds	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	1	912,467	912,467	651	913,118	912,467	651	913,118
2009 GO Bonds	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	1,196,930	1,196,930	(41,646)	1,155,284	1,196,930	(41,646)	1,155,284
2009 GO Bonds	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	312,051	312,051	674	312,725	312,051	674	312,725
2009 GO Bonds	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	1	1,362,281	1,362,281	1,549	1,363,830	1,362,281	1,549	1,363,830
2017A CO Bonds	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	(198,950)	(198,950)		(198,950)	(198,950)	0	(198,950)
2017A CO Bonds	CD	7123	10/19/2017	10/19/2019	1.8100%	292	5,090,111	5,090,111		5,090,111	5,090,111	0	5,090,111
2017A CO Bonds	CD	7115	10/19/2017	7/19/2019	1.7600%	200	2,035,042	2,035,042		2,035,042	2,035,042	0	2,035,042
2017A CO Bonds	CD	7107	10/19/2017	4/19/2019	1.6900%	109	2,033,640	2,033,640		2,033,640	2,033,640	0	2,033,640
2017A CO Bonds	CD	7099	10/19/2017	1/19/2019	1.6100%	19	2,032,038	2,032,038	0	2,032,038	2,032,038	0	2,032,038
Total							15,786,337	15,786,337	(66,630)	15,719,706	15,786,337	(66,630)	15,719,706
Special Revenue Funds													
Restricted Park Development Fee Fun	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	479,308	479,308	874	480,182	479,308	874	480,182
Restricted Park Development Fee Fun	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	164,300	164,300	(561)	163,739	164,300	(561)	163,739
Restricted General Fund	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	342,835	342,835	(3,394)	339,441	342,835	(3,394)	339,441
Restricted General Fund	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	109,976	109,976	1,106	111,082	109,976	1,106	111,082
Total							1,096,419	1,096,419	(1,975)	1,094,444	1,096,419	(1,975)	1,094,444
Impact Fee Fund													
Restricted Water Impact Fee	Money Market	114512	12/31/2018	1/1/2019	0.2000%	1	38,412	38,412	16,697	55,109	38,412	16,697	55,109
Restricted Water Impact Fee	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	1	32,610	32,610	3,170	35,780	32,610	3,170	35,780
Restricted Water Impact Fee	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	1	158,801	158,801	15,257	174,058	158,801	15,257	174,058

City of Sachse, TX
Investment Portfolios
December 31, 2018

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Principal Invested	Book Value			Market Value		
								Beginning of Month	Change 1	End of Month	Beginning of Month	Change	End of Month
Restricted Water Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	1.8110%	†	60,008	60,008	5,812	65,820	60,008	5,812	65,820
Restricted Sewer Impact Fee	Money Market	114512	12/31/2018	1/1/2019	0.2000%	†	114,628	114,628	47,740	162,368	114,628	47,740	162,368
Restricted Sewer Impact Fee	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	†	97,313	97,313	8,105	105,418	97,313	8,105	105,418
Restricted Sewer Impact Fee	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	†	473,886	473,886	38,944	512,830	473,886	38,944	512,830
Restricted Sewer Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	1.8110%	†	179,073	179,073	14,854	193,927	179,073	14,854	193,927
Restricted Roadway Impact Fee	Money Market	114512	12/31/2018	1/1/2019	0.2000%	†	81,424	81,424	8,290	89,714	81,424	8,290	89,714
Restrcted Roadway Impact Fee	Money Marke	BTH	12/31/2018	1/1/2019	1.5700%	†	69,125	69,125	(10,878)	58,247	69,125	(10,878)	58,247
Restricted Roadway Impact Fee	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	†	336,619	336,619	(53,264)	283,355	336,619	(53,264)	283,355
Restrcted Roadway Impact Fee	TexPool	1111-000	12/31/2017	1/1/2018	1.8110%	†	127,202	127,202	(20,051)	107,151	127,202	(20,051)	107,151
Impact Fee Fund	CD	1650/2918	2/20/2018	2/20/2019	2.1500%	51	1,009,514	1,025,864	1,813	1,027,677	1,025,864	1,813	1,027,677
Impact Fee Fund	CD	1651/3092	3/20/2018	2/20/2019	2.2200%	51	1,010,574	1,025,731	1,872	1,027,603	1,025,731	1,872	1,027,603
Total							3,769,189	3,820,697	78,361	3,899,055	3,820,697	78,361	3,899,055
Street Maintenance Fund													
Street Maintenance Tax	Money Market	114512	12/31/2018	1/1/2019	0.2000%	†	424,401	424,401	(287,477)	136,924	424,401	(287,477)	136,924
Street Maintenance Tax	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	†	43,572	43,572	86	43,658	43,572	86	43,658
Total							467,973	467,973	(287,391)	180,582	467,973	(287,391)	180,582
Health Insurance Fund													
Health Insurance	Money Market	114512	12/31/2018	1/1/2019	0.2000%	†	299,577	299,577	6,743	306,320	299,577	6,743	306,320
Health Insurance	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	†	48,665	48,665	97	48,762	48,665	97	48,762
Total							348,242	348,242	6,840	355,082	348,242	6,840	355,082
EDC Fund													
EDC PMMKT	Money Market	114512	12/31/2018	1/1/2019	0.2700%	†	924,240	924,240	17,996	942,236	924,240	17,996	942,236
EDC PMMKT	Money Market	BTH	12/31/2018	1/1/2019	1.5700%	†	118,959	118,959	236	119,195	118,959	236	119,195
EDC PMMKT	Money Market	NexBank	12/31/2018	1/1/2019	2.1600%	†	325,566	325,566	315	325,881	325,566	315	325,881
Total							1,368,765	1,368,765	18,547	1,387,312	1,368,765	18,547	1,387,312
Vehicle/Equipment Replacement Fund													
VERF	Money Market	114512	12/31/2018	1/1/2019	0.2000%	†	504,741	504,741	(7,824)	496,917	504,741	(7,824)	496,917
Total							504,741	504,741	(7,824)	496,917	504,741	(7,824)	496,917
Municipal Development District													
Municipal Development District	Money Market	114512	12/31/2018	1/1/2019	0.2000%	†	177,870	177,870	27,342	205,212	177,870	27,342	205,212
Total							177,870	177,870	27,342	205,212	177,870	27,342	205,212
							55,029,686	55,245,554	7,326,675	62,572,226	55,245,554	7,326,675	62,572,226

Summary of Portfolios by Security Type
12/31/18

Security Type	Percent of Total (Book Value)	Average # of days	Average Yield	Principal Invested	Book Value		Market Value	
					Beginning of Month	Change	Beginning of Month	Change
Money Market Account	40.96%	1	1.1198%	21,996,409	21,996,409	3,635,970	25,632,376	3,635,970
TexPool	18.36%	1	1.8110%	7,822,358	7,822,358	3,664,933	11,487,291	3,664,933
CD's	40.68%	152	2.0700%	25,210,919	25,426,787	25,772	25,452,559	25,772
Total	100.00%			55,029,686	55,245,554	7,326,675	62,572,226	7,326,675

† Change = Investment activity including earnings, deposits and withdrawals.

1st Quarter Budget Report (Unaudited)

As of December 31, 2018



The City of Sachse Finance Department is dedicated to excellence in local government, comprehensive fiscal management, compliance, and reporting.

The Quarterly Budget Report complies with the City Charter's quarterly financial reporting requirement and is aimed at providing our users (internal and external), with a general awareness of the City's financial position.



Finance Department

TO: GINA NASH, CITY MANAGER
FROM: KAREN RAMIREZ, ACCOUNTANT
SUBJ: QUARTERLY BUDGET REPORT FOR 1ST QUARTER ENDING DECEMBER 31, 2018
DATE: FEBRUARY 1, 2019
CC: MAYOR AND CITY COUNCIL

Attached is the 1st Quarter Budget Report for the 2018-2019 fiscal year. The fiscal year for the City of Sachse is October 1st through September 30th. Three months, or 25%, of the fiscal year was complete as of the end of December 2018.

Overall, the City has received \$16.3 million through the 1st quarter, representing 44% of budgeted revenues.

CITY-WIDE REVENUES			
<i>Fund</i>	<i>Budget</i>	<i>YTD</i>	<i>% Collected</i>
General Fund	\$ 18,323,501	\$ 9,787,495	53.41%
Utility Fund	11,682,834	2,935,610	25.13%
Debt Service	4,475,801	2,991,459	66.84%
Special Revenue	75,100	15,376	20.47%
Impact Fee	546,000	140,679	25.77%
Street Maint. Tax	364,000	103,197	28.35%
Health Insurance	1,485,691	371,555	25.01%
Total	\$ 36,952,927	\$ 16,345,371	44.23%

Year-to-date expenditures totaled \$7.7 million for the 1st quarter, representing 21% of budgeted expenditures.

CITY-WIDE OPERATING EXPENDITURES			
<i>Fund</i>	<i>Budget</i>	<i>YTD</i>	<i>% Expended</i>
General Fund	\$ 18,244,099	\$ 4,597,015	25.20%
Utility Fund	10,526,099	2,453,122	23.31%
Debt Service	4,466,609	450	0.01%
Special Revenue	70,390	4,445	6.32%
Impact Fee	780,000	0	0.00%
Street Maint. Tax	388,000	318,434	82.07%
Health Insurance	1,635,757	358,518	21.92%
Total	\$ 36,110,954	\$ 7,731,984	21.41%

Revenue

- Through December, total General Fund revenues were \$9,787,495 or 53% of expected collections. Total revenues increased \$68,250 compared to the same period last fiscal year.
- Sales tax revenues through December are 28% of expected collections, at \$421,147 collected.
- Franchise fees are at \$458,520 or 27% of budget; an increase over last year of \$39,857.
- General Fund current ad valorem tax revenues are 67% collected at \$8,094,328; a \$69,640 increase over last fiscal year.
- Through December, collections for Licenses & Permits are a total of \$97,191 or 17% of expected collections.
- Fees and Service Charges year-to-date as of December are \$255,307 or 36% of budget. This is an increase of \$45,028 compared to the same period last fiscal year.
- Court fine revenues finished December at \$47,033 or 19% of anticipated collections.
- Through December, Utility Fund revenues totaled \$2,935,610 or 25% of budget.
- Sales tax revenue in the Street Maintenance Tax Fund is \$103,197 or 28% of expected collections for the current fiscal year.

Expenditures

- Through December, total General Fund expenditures are \$4,597,015 or 25% expended; an increase of \$173,833 over prior fiscal year.
- Utility Fund expenditures are \$2,453,122 or 23% of budget; an increase of \$215,437 from prior fiscal year.
- Capital Project expenditures total \$912,843 year-to-date, made up of \$844,105 from the Utility Fund and \$68,738 in Capital Projects.

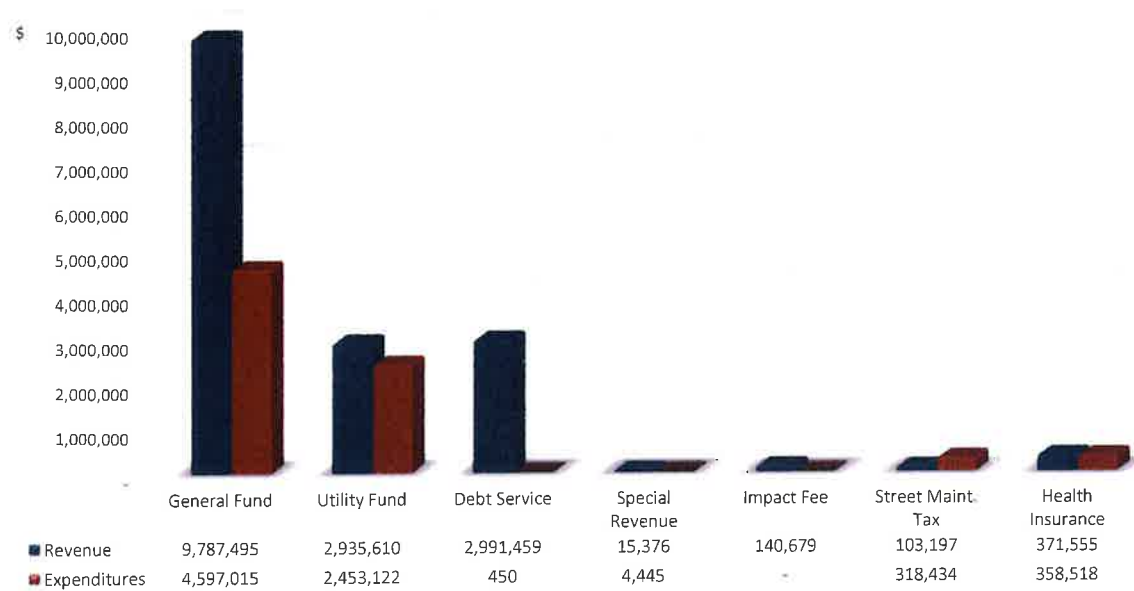
Component Units

- Sales tax revenue in the Municipal Development District Fund is \$89,645 or 26% of budget; this is the first year of budgeted revenue and expenditures.
- Sachse Economic Development Corporation had expenditures totaling \$142,095 or 19% of budget; an increase of \$64,470 over the prior year.

**CITY OF SACHSE
REVENUE AND EXPENDITURE SUMMARY
AND CHANGES IN FUND BALANCE RESERVES
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	General Fund	Utility Fund	Debt Service Fund	Special Revenue Fund	Impact Fee Fund	Street Maintenance Tax Fund	Health Insurance Fund	Total
Revenues								
Budget	\$ 18,323,501	\$ 11,682,834	\$ 4,475,801	\$ 75,100	\$ 546,000	\$ 364,000	\$ 1,485,691	\$ 36,952,927
YTD Actual	9,787,495	2,935,610	2,991,459	15,376	140,679	103,197	371,555	16,345,370
Budget Remaining	\$ 8,536,006	\$ 8,747,224	\$ 1,484,342	\$ 59,724	\$ 405,321	\$ 260,803	\$ 1,114,136	\$ 20,607,557
% of Budget	53.41%	25.13%	66.84%	20.47%	25.77%	28.35%	25.01%	44.23%
Expenditures								
Budget	\$ 18,244,099	\$ 10,526,099	\$ 4,466,609	\$ 70,390	\$ 780,000	\$ 388,000	\$ 1,635,757	\$ 36,110,954
YTD Actual	4,597,015	2,453,122	450	4,445	-	318,434	358,518	7,731,984
Budget Remaining	\$ 13,647,084	\$ 8,072,977	\$ 4,466,159	\$ 65,945	\$ 780,000	\$ 69,566	\$ 1,277,239	\$ 28,378,970
% of Budget	25.20%	23.31%	0.01%	6.32%	0.00%	82.07%	21.92%	21.41%
Net Over/under	\$ 5,190,480	\$ 482,488	\$ 2,991,009	\$ 10,931	\$ 140,679	\$ (215,237)	\$ 13,036	\$ 8,613,386

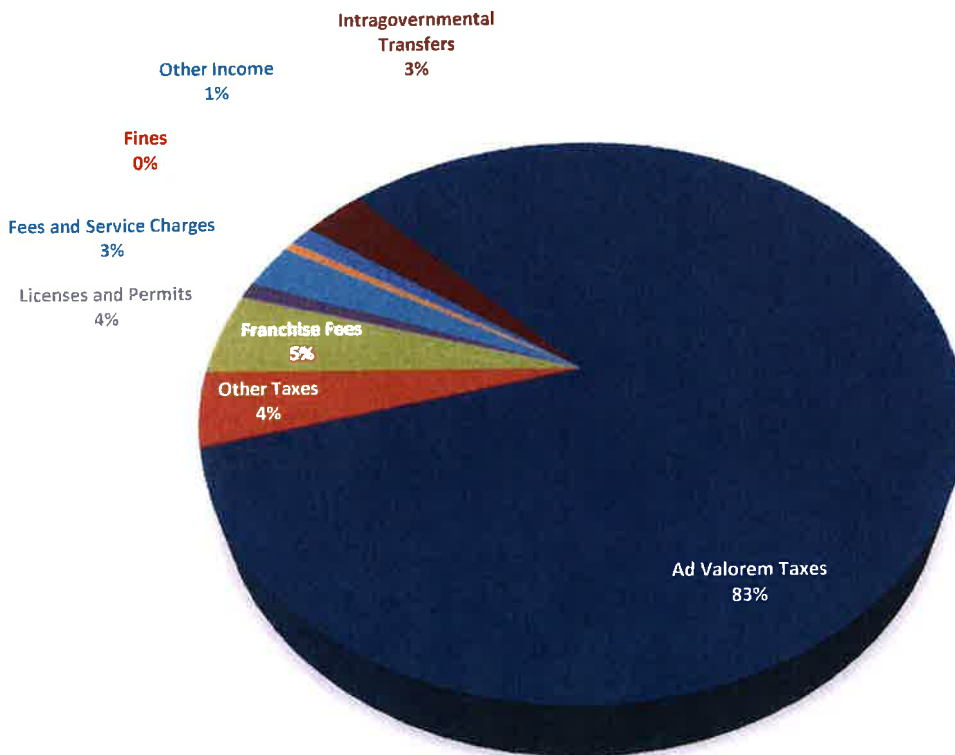
Revenue and Expenditure Summary



CITY OF SACHSE
GENERAL FUND REVENUES
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

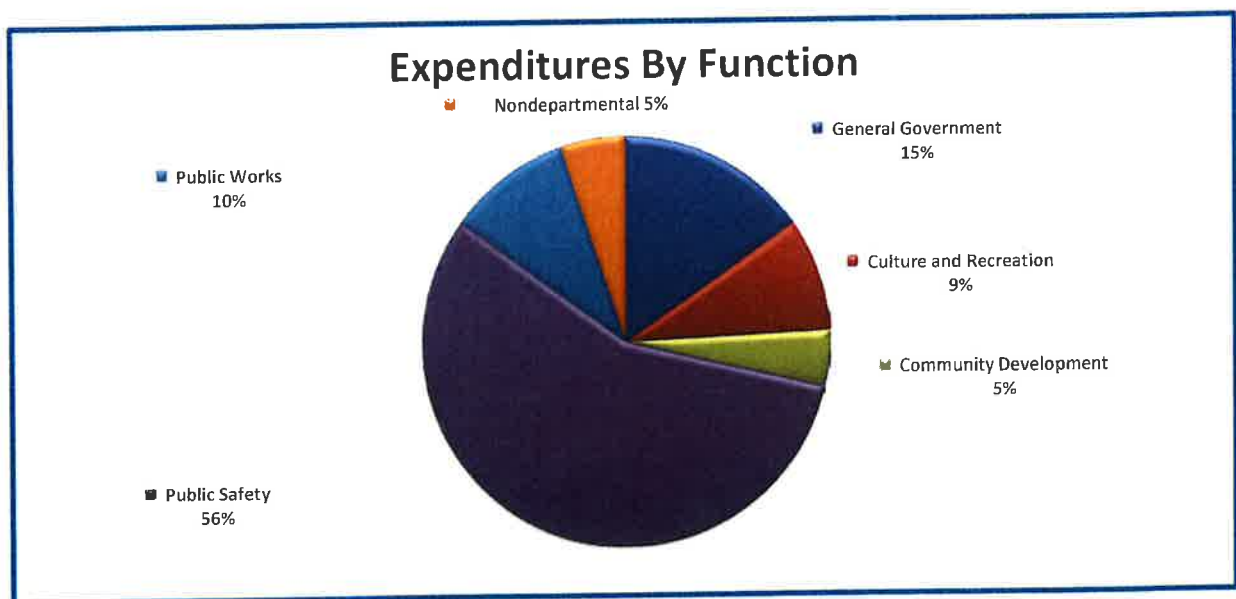
	<u>FY 2018</u> <u>BUDGET</u>	<u>FY 2018 YEAR-</u> <u>TO-DATE</u>	<u>FY 2019</u> <u>BUDGET</u>	<u>FY 2019 YEAR-</u> <u>TO-DATE</u>	<u>BUDGET</u> <u>REMAINING</u>	<u>% OF BUDGET</u>
Ad Valorem Taxes	\$ 11,107,591	\$ 8,024,688	\$ 12,019,803	\$ 8,094,328	\$ 3,925,475	67.34%
Other Taxes	1,434,000	466,598	1,508,000	421,147	1,086,853	27.93%
Franchise Fees	1,694,233	418,663	1,710,775	458,520	1,252,255	26.80%
Licenses and Permits	615,500	166,023	566,500	97,191	469,309	17.16%
Fees and Service Charges	676,000	210,279	709,600	255,307	454,293	35.98%
Fines	250,000	65,514	250,000	47,033	202,967	18.81%
Other Income	306,118	97,733	376,618	118,415	258,203	31.44%
Intragovernmental Transfers	<u>1,078,989</u>	<u>269,747</u>	<u>1,182,205</u>	<u>295,551</u>	<u>886,654</u>	<u>25.00%</u>
TOTAL REVENUES	<u>\$ 17,162,431</u>	<u>\$ 9,719,245</u>	<u>\$ 18,323,501</u>	<u>\$ 9,787,495</u>	<u>\$ 8,536,006</u>	<u>53.41%</u>

General Fund Revenue



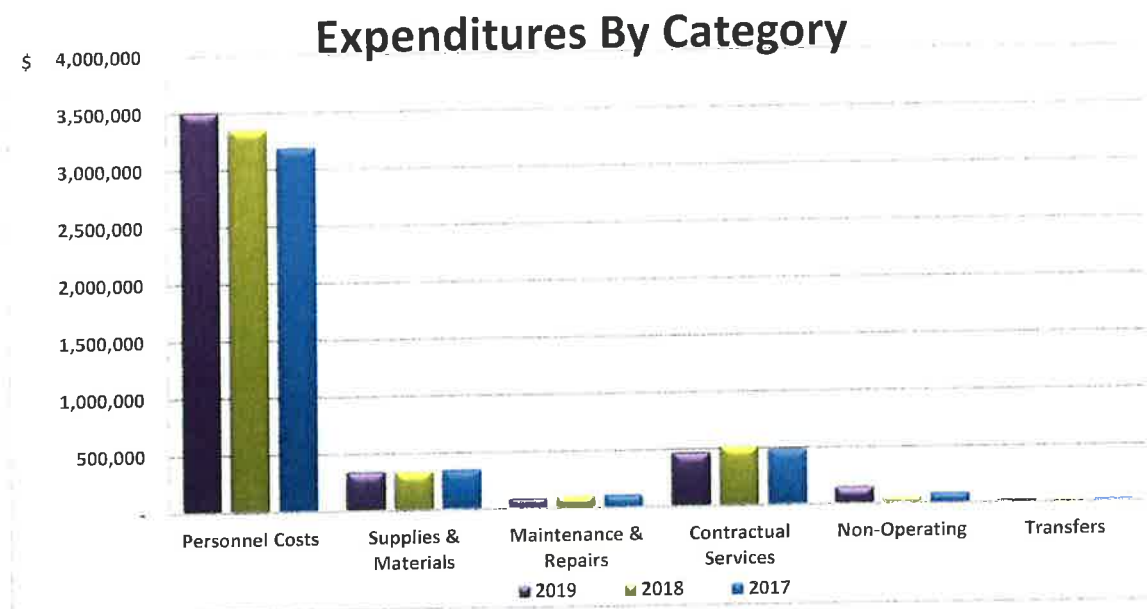
**CITY OF SACHSE
GENERAL FUND EXPENDITURES
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	<u>FY 2018 BUDGET</u>	<u>FY 2018 YEAR- TO-DATE</u>	<u>FY 2019 BUDGET</u>	<u>FY 2019 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
General Government						
City Manager	\$ 414,560	\$ 114,463	\$ 426,258	\$ 131,115	\$ 295,143	30.76%
City Secretary	192,072	57,302	193,198	47,068	146,130	24.36%
Human Resources	361,047	89,072	374,546	88,742	285,804	23.69%
Finance	560,930	174,879	592,461	167,392	425,069	28.25%
Municipal Court	231,179	52,704	236,104	52,027	184,077	22.04%
Information Technology	478,270	103,606	753,684	215,832	537,852	28.64%
	<u>2,238,058</u>	<u>592,026</u>	<u>2,576,251</u>	<u>702,176</u>	<u>1,874,075</u>	<u>27.26%</u>
Culture and Recreation						
Parks and Recreation	1,660,984	278,736	1,224,007	258,047	965,960	21.08%
Senior Center Programs	151,626	33,296	167,466	34,069	133,397	20.34%
Library Services	470,203	131,050	468,323	121,485	346,838	25.94%
	<u>2,282,813</u>	<u>443,083</u>	<u>1,859,796</u>	<u>413,601</u>	<u>1,446,195</u>	<u>22.24%</u>
Public Safety						
Police	5,083,481	1,370,848	5,238,314	1,429,266	3,809,048	27.28%
Animal Services	220,972	47,942	232,199	59,658	172,541	25.69%
Fire and Ambulance	4,029,667	1,071,208	4,254,812	1,103,228	3,151,584	25.93%
	<u>9,334,120</u>	<u>2,489,998</u>	<u>9,725,325</u>	<u>2,592,152</u>	<u>7,133,173</u>	<u>26.65%</u>
Public Works						
Streets and Drainage	2,964,286	284,119	1,988,077	306,121	1,681,956	15.40%
Facilities Maintenance	539,325	128,263	522,749	107,145	415,604	20.50%
Engineering	241,594	58,277	272,381	38,927	233,454	14.29%
	<u>3,745,205</u>	<u>470,659</u>	<u>2,783,207</u>	<u>452,193</u>	<u>2,331,014</u>	<u>16.25%</u>
Development Services	<u>879,108</u>	<u>230,330</u>	<u>908,890</u>	<u>202,319</u>	<u>706,571</u>	<u>22.26%</u>
Non-Departmental	<u>396,672</u>	<u>197,087</u>	<u>390,630</u>	<u>234,574</u>	<u>156,056</u>	<u>60.05%</u>
TOTAL EXPENDITURES	<u>\$ 18,875,976</u>	<u>\$ 4,423,182</u>	<u>\$ 18,244,099</u>	<u>\$ 4,597,015</u>	<u>\$ 13,647,084</u>	<u>25.20%</u>



CITY OF SACHSE
GENERAL FUND EXPENDITURES BY CATEGORY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

	FISCAL YEAR	BUDGET	YEAR-TO-DATE	BUDGET REMAINING	% OF BUDGET
Personnel Costs	2019	\$ 13,100,849	\$ 3,513,061	\$ 9,587,788	26.82%
	2018	12,412,581	3,366,540	9,046,041	27.12%
	2017	11,579,641	3,194,013	8,385,628	27.58%
Supplies and Materials	2019	1,532,211	347,259	1,184,952	22.66%
	2018	1,530,902	347,011	1,183,891	22.67%
	2017	1,604,252	355,263	1,248,989	22.15%
Maintenance and Repairs	2019	610,545	89,218	521,327	14.61%
	2018	624,770	106,347	518,423	17.02%
	2017	598,338	111,967	486,371	18.71%
Contractual Services	2019	1,544,950	475,537	1,069,413	30.78%
	2018	1,457,957	528,287	929,670	36.23%
	2017	1,498,353	492,239	1,006,114	32.85%
Non-Operating	2019	264,751	150,171	114,580	56.72%
	2018	145,819	52,499	93,320	36.00%
	2017	456,540	89,355	367,185	19.57%
Intragovernmental Transfers	2019	1,190,793	21,769	1,169,024	1.83%
	2018	2,703,947	22,497	2,681,450	0.83%
	2017	743,621	21,558	722,063	2.90%
TOTAL EXPENDITURES	2019	18,244,099	4,597,015	13,647,084	25.20%
	2018	18,875,976	4,423,182	14,452,794	23.43%
	2017	16,480,745	4,264,395	12,216,350	25.88%



**CITY OF SACHSE
UTILITY FUND SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	FY 2018 BUDGET	FY 2018 YEAR- TO-DATE	FY 2019 BUDGET	FY 2019 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
REVENUES						
Water Revenue	\$ 6,158,912	\$ 1,834,038	\$ 6,375,324	\$ 1,473,951	\$ 4,901,373	23.12%
Sewer Revenue	4,565,736	1,188,994	4,768,010	1,222,679	3,545,331	25.64%
Drainage Fee Revenue	-	-	204,000	52,175	151,825	25.58%
Fees and Service Charges	181,000	61,449	181,000	54,300	126,700	30.00%
Other Gov'ts & Sources	23,000	6,138	24,000	6,319	17,681	26.33%
Other Income	10,500	67,964	130,500	126,186	4,314	96.69%
TOTAL REVENUES	\$ 10,939,148	\$ 3,158,583	\$ 11,682,834	\$ 2,935,610	\$ 8,747,224	25.13%
EXPENDITURES						
Utility Administration	\$ 350,365	\$ 79,616	\$ 428,484	\$ 72,548	\$ 355,936	16.93%
Water Operations	5,516,628	1,347,058	6,195,391	1,381,916	4,813,475	22.31%
Sewer Operations	3,822,032	762,785	3,902,224	998,658	2,903,566	25.59%
Meter Reading*	140,416	48,225	-	-	-	0.00%
Stormwater Drainage	-	-	255,000	-	255,000	0.00%
TOTAL EXPENDITURES	\$ 9,829,441	\$ 2,237,685	\$ 10,526,099	\$ 2,453,122	\$ 8,072,977	23.31%

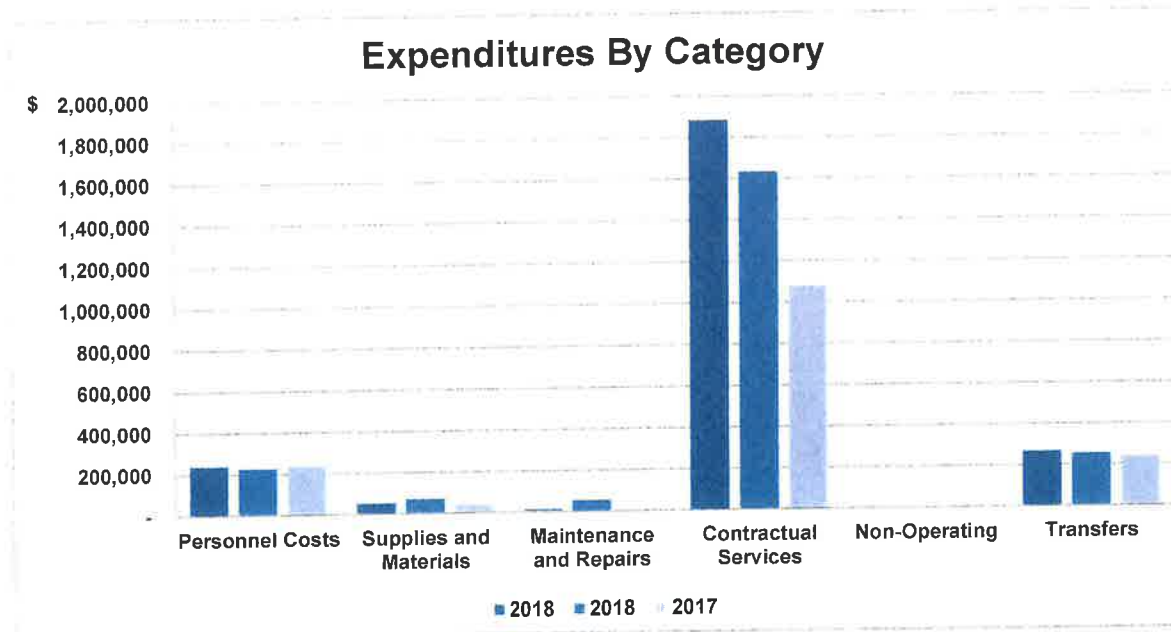
Utility Fund Revenues and Expenditures



*Meter Reading Department was eliminated and absorbed into Water Operations and Sewer Operations

CITY OF SACHSE
UTILITY FUND EXPENDITURES BY CATEGORY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

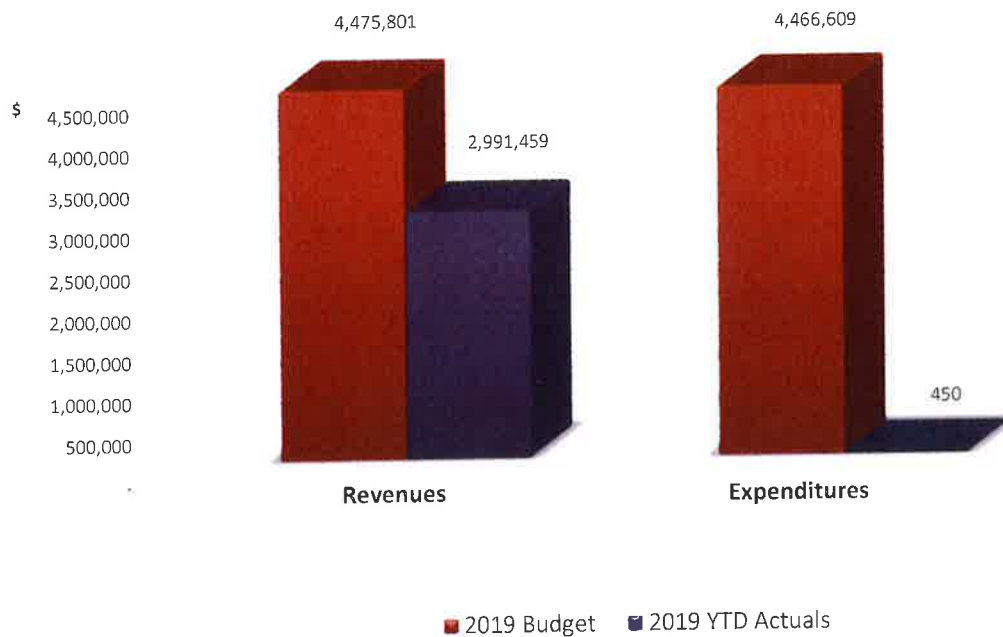
	FISCAL YEAR	BUDGET	YEAR-TO-DATE	BUDGET REMAINING	% OF BUDGET
Personnel Costs	2019	\$ 865,344	\$ 237,973	\$ 627,371	27.50%
	2018	919,320	226,337	692,983	24.62%
	2017	909,398	239,156	670,242	26.30%
Supplies and Materials	2019	291,108	51,966	239,142	17.85%
	2018	256,976	69,294	187,682	26.97%
	2017	357,787	44,288	313,499	12.38%
Maintenance and Repairs	2019	161,000	12,493	148,507	7.76%
	2018	164,901	55,167	109,734	33.45%
	2017	156,805	6,734	150,071	4.29%
Contractual Services	2019	6,944,404	1,883,557	5,060,847	27.12%
	2018	6,524,943	1,633,417	4,891,526	25.03%
	2017	6,551,465	1,079,885	5,471,580	16.48%
Non-Operating	2019	1,195,713	-	1,195,713	0.00%
	2018	949,421	-	949,421	0.00%
	2017	204,324	-	204,324	0.00%
Intragovernmental Transfers	2019	1,068,530	267,133	801,397	25.00%
	2018	1,013,880	253,470	760,410	25.00%
	2017	963,393	240,848	722,545	25.00%
TOTAL EXPENDITURES	2019	10,526,099	2,453,122	8,072,977	23.31%
	2018	9,829,441	2,237,685	7,591,756	22.77%
	2017	9,143,172	1,610,911	7,532,261	17.62%



CITY OF SACHSE
DEBT SERVICE FUND SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

	<u>FY 2018 BUDGET</u>	<u>FY 2018 YEAR- TO-DATE</u>	<u>FY 2019 BUDGET</u>	<u>FY 2019 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Ad Valorem Taxes	\$ 3,922,133	\$ 2,817,603	\$ 4,474,801	\$ 2,989,418	\$ 1,485,383	66.81%
Other Income	<u>5,801,000</u>	<u>4,468</u>	<u>1,000</u>	<u>2,041</u>	<u>(1,041)</u>	<u>204.10%</u>
TOTAL REVENUES	<u>\$ 9,723,133</u>	<u>\$ 2,822,071</u>	<u>\$ 4,475,801</u>	<u>\$ 2,991,459</u>	<u>\$ 1,484,342</u>	<u>66.84%</u>
EXPENDITURES						
Principal	\$ 2,330,000	\$ -	\$ 3,033,558	\$ -	\$ 3,033,558	0.00%
Interest	1,433,496	-	1,430,051	-	1,430,051	0.00%
Transfers Out	-	-	-	-	-	0.00%
Agent Fees	3,500	-	3,000	450	2,550	15.00%
Financing Costs	-	1,050	-	-	-	0.00%
TOTAL EXPENDITURES	<u>\$ 3,766,996</u>	<u>\$ 1,050</u>	<u>\$ 4,466,609</u>	<u>\$ 450</u>	<u>\$ 4,466,159</u>	<u>0.01%</u>

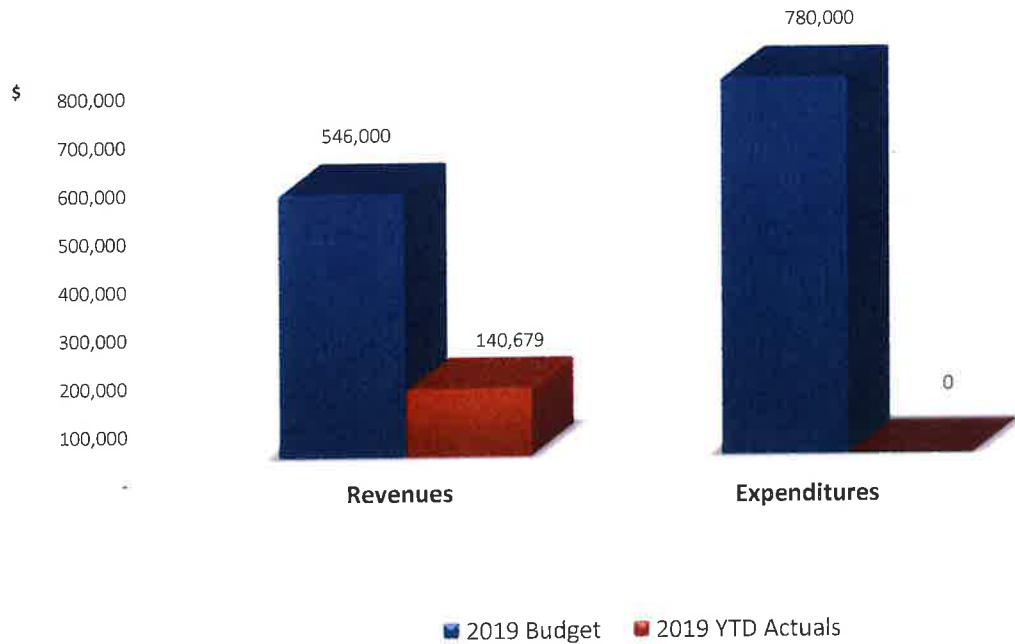
Debt Service Fund Revenues and Expenditures



**CITY OF SACHSE
IMPACT FEE FUND SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	<u>FY 2018 BUDGET</u>	<u>FY 2018 YEAR- TO-DATE</u>	<u>FY 2019 BUDGET</u>	<u>FY 2019 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Total Impact Fees	\$ 525,000	\$ 169,588	\$ 525,000	\$ 124,215 *	\$ 400,785	23.66%
Other Income	15,000	10,228	21,000	16,464	4,536	78.40%
TOTAL REVENUES	\$ 540,000	\$ 179,816	\$ 546,000	\$ 140,679	\$ 405,321	25.77%
EXPENDITURES						
Intergovernmental	\$ 600,000	\$ -	\$ 780,000	\$ -	\$ 780,000	0.00%
TOTAL EXPENDITURES	\$ 600,000	\$ -	\$ 780,000	\$ -	\$ 780,000	0.00%

Impact Fee Fund Revenues and Expenditures

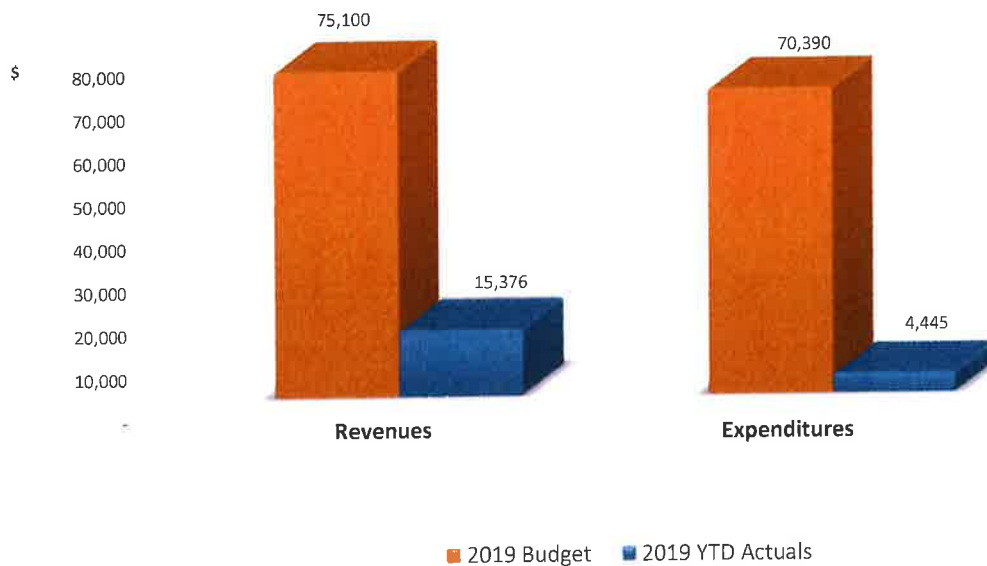


* YTD Revenue is reduced by Impact Fee Credits to Developer

**CITY OF SACHSE
SPECIAL REVENUE FUND SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	<u>FY 2018 BUDGET</u>	<u>FY 2018 YEAR- TO-DATE</u>	<u>FY 2019 BUDGET</u>	<u>FY 2019 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Fees	\$ 41,500	\$ 84,486	\$ 71,000	\$ 12,507	\$ 58,493	17.62%
Other Income	860	931	1,000	1,699	(699)	169.87%
Grants and Donations	-	9,042	3,100	1,170	1,930	0.00%
TOTAL REVENUES	\$ 42,360	\$ 94,459	\$ 75,100	\$ 15,376	\$ 59,724	20.47%
EXPENDITURES						
City Manager	\$ 148,000	\$ 31,051	\$ -	\$ -	\$ -	0.00%
Finance	-	-	-	-	-	0.00%
Municipal Court	36,000	-	18,000	-	18,000	0.00%
Parks and Recreation	-	-	-	-	-	0.00%
Senior Center Programs	5,000	-	8,400	4,445	3,955	52.92%
Library	-	8,000	1,330	-	1,330	0.00%
Police	23,000	-	23,000	-	23,000	0.00%
Animal Services	10,000	-	10,000	-	10,000	0.00%
Fire and Ambulance	5,000	-	9,660	-	9,660	0.00%
TOTAL EXPENDITURES	\$ 227,000	\$ 39,051	\$ 70,390	\$ 4,445	\$ 65,945	6.32%

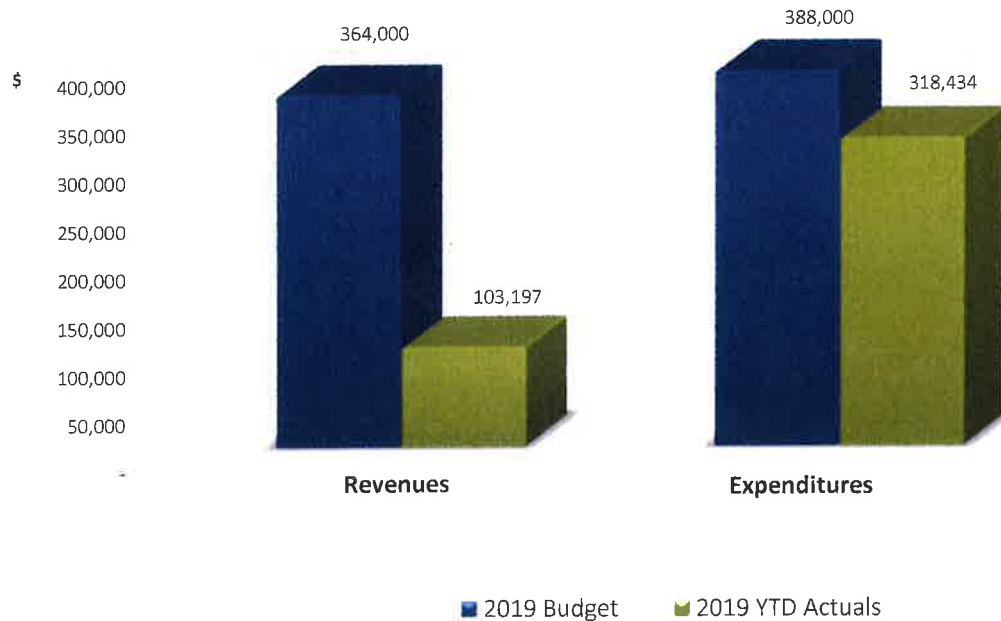
Special Revenue Fund Revenues and Expenditures



**CITY OF SACHSE
STREET MAINTENANCE TAX FUND
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	FY 2018 BUDGET	FY 2018 YEAR- TO-DATE	FY 2019 BUDGET	FY 2019 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
REVENUES						
Sales Tax	\$ 350,000	\$ 114,862	\$ 363,500	\$ 102,945	\$ 260,555	28.32%
Other Income	350	153	500	252	248	50.35%
TOTAL REVENUES	\$ 350,350	\$ 115,015	\$ 364,000	\$ 103,197	\$ 260,803	28.35%
EXPENDITURES						
Street Maintenance	\$ 422,600	\$ -	\$ 388,000	\$ 318,434	\$ 69,566	82.07%
TOTAL EXPENDITURES	\$ 422,600	\$ -	\$ 388,000	\$ 318,434	\$ 69,566	82.07%

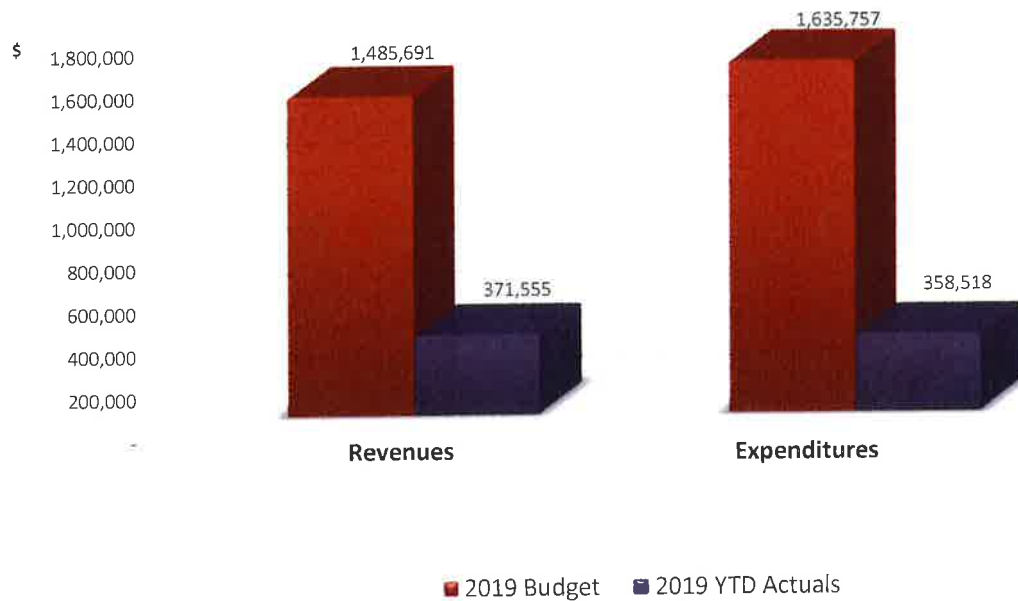
Street Maintenance Tax Fund Revenues and Expenditures



CITY OF SACHSE
HEALTH INSURANCE FUND SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

	<u>FY 2018</u> <u>BUDGET</u>	<u>FY 2018 YEAR-</u> <u>TO-DATE</u>	<u>FY 2019</u> <u>BUDGET</u>	<u>FY 2019 YEAR-</u> <u>TO-DATE</u>	<u>BUDGET</u> <u>REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Other Income						
Interest Income	100	171	750	319	431	42.59%
Other Income	\$ 100	\$ 171	\$ 750	\$ 319	\$ 431	42.59%
Transfers In - General Fund	1,082,574	270,644	1,376,007	344,002	1,032,005	25.00%
Transfers In - Utility Fund	90,749	22,687	108,934	27,233	81,701	25.00%
TOTAL REVENUES	\$ 1,173,423	\$ 293,502	\$ 1,485,691	\$ 371,555	\$ 1,114,136	25.01%
EXPENDITURES						
Health Insurance	\$ 1,026,426	\$ 214,786	\$ 1,452,186	\$ 319,888	\$ 1,132,298	22.03%
Dental Insurance	52,345	11,346	45,614	10,666	34,948	23.38%
H.R.A. Deductible Reimb.	79,032	14,905	73,320	14,313	59,007	19.52%
H.S.A. Contribution	28,013	6,793	44,000	11,979	32,021	27.23%
Life and LTD Insurance	26,772	5,319	20,637	1,672	18,965	8.10%
TOTAL EXPENDITURES	\$ 1,212,588	\$ 253,149	\$ 1,635,757	\$ 358,518	\$ 1,277,239	21.92%

Health Insurance Fund Revenues and Expenditures



CITY OF SACHSE
CAPITAL PROJECT FUND SUMMARY*
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

	<u>PRIOR YEAR EXPENDITURES</u>	<u>FY 2019 YEAR- TO-DATE</u>	<u>PROJECT-TO-DATE</u>
Capital Projects			
Maxwell Creek Road - Canyon Crest North	24,860	-	24,860
Lighting Projects	1,230,446	-	1,230,446
Merritt Rd Realignment	149,090	-	149,090
Miles Road Signals at Sachse High School	709,916	-	709,916
Sachse Road Widening	692,789	-	692,789
P25 Radio Upgrade	691,658	-	691,658
	<u>\$ 3,498,759</u>	<u>\$ -</u>	<u>\$ 3,498,759</u>
Municipal Campus			
Municipal Campus Features	\$ 5,259,003	\$ -	\$ 5,259,003
Sachse Community Center	-	68,738	68,738
	<u>\$ 5,259,003</u>	<u>\$ 68,738</u>	<u>\$ 5,327,740</u>
TOTAL EXPENDITURES	<u>\$ 8,757,762</u>	<u>\$ 68,738</u>	<u>\$ 8,826,499</u>

*Includes projects funded by 2006 Bond, Roadway Impact Fees, Community Development Block Grant, and Unobligated Capital Project Funds.

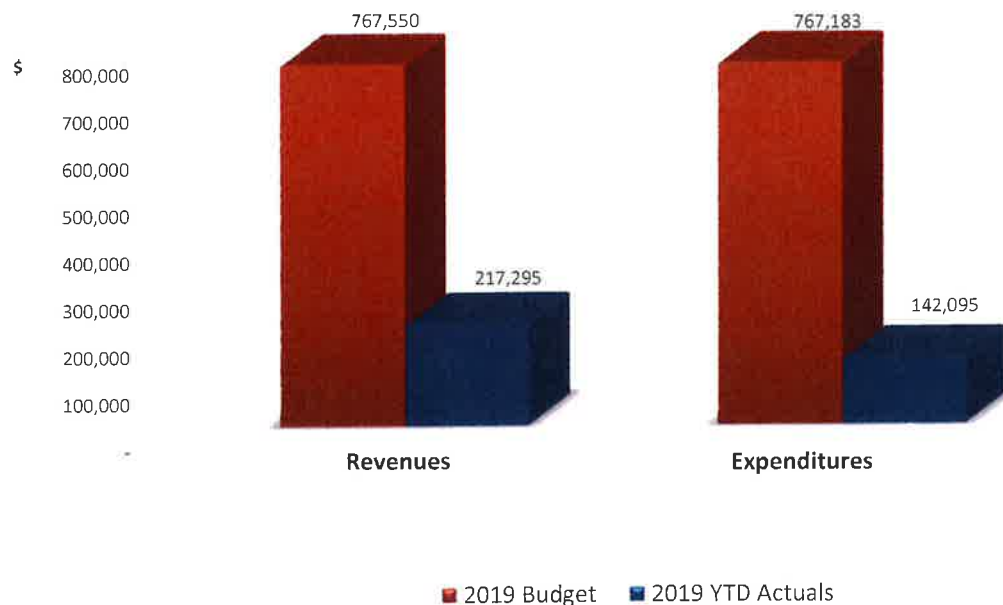
CITY OF SACHSE
UTILITY FUND - CAPITAL PROJECTS
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

	<u>FY 2018</u> <u>BUDGET</u>	<u>FY 2018 YEAR-</u> <u>TO-DATE</u>	<u>FY 2019</u> <u>BUDGET</u>	<u>FY 2019 YEAR-</u> <u>TO-DATE</u>	<u>BUDGET</u> <u>REMAINING</u>	<u>% OF</u> <u>BUDGET</u>
EXPENDITURES						
<u>Water Operations</u>						
Land Acquisitions	\$ -	\$ 517,354	\$ -	\$ -	\$ -	0.00%
Water System CIP - Water Lines	230,400	-	110,000	-	110,000	0.00%
Water CIP - Meters	-	-	91,556	5,940	85,616	6.49%
Water System CIP - Elevated Storage Tanks	2,000,000	14,281	-	326,462	(326,462)	0.00%
Water System CIP - Pumping Stations	75,000	-	235,000	-	235,000	0.00%
CIP - Drainage Improvements	-	3,274	-	-	-	0.00%
Water Operations Total	\$ 2,305,400	\$ 534,908	\$ 436,556	\$ 332,402	\$ 104,154	76.14%
<u>Sewer Operations</u>						
Sewer System CIP - Sewer Lines	\$ 9,000,000	\$ 2,500	\$ 50,000	\$ 484,757	\$ (434,757)	969.51%
Sewer System CIP - Lift Stations	2,000,000	69,871	-	26,946	(26,946)	0.00%
Sewer System CIP - Force Mains	170,000	9,500	-	-	-	0.00%
Sewer System CIP - Miscellaneous	695,000	-	-	-	-	0.00%
Sewer Operations Total	11,865,000	81,871	50,000	511,702	(461,702)	1023.40%
<u>Meter Reading</u>						
Water Meters	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%
Water CIP - Meters	2,256,377	1,124,846	-	-	-	0.00%
Water System CIP - Water Meters	60,252	3,164	-	-	-	0.00%
Meter Reading Total	2,316,629	1,128,009	-	-	-	0.00%
TOTAL EXPENDITURES	\$ 16,487,029	\$ 1,744,789	\$ 486,556	\$ 844,105	\$ (357,549)	173.49%

CITY OF SACHSE
SACHSE ECONOMIC DEVELOPMENT CORPORATION SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)

	FY 2018 BUDGET	FY 2018 YEAR- TO-DATE	FY 2019 BUDGET	FY 2019 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
REVENUES						
Sales Tax	\$ 700,000	\$ 229,643	\$ 737,500	\$ 205,818	\$ 531,682	27.91%
Other Income	1,500	2,508	30,050	11,477	18,573	38.19%
Other Financing Sources	-	-	-	-	-	0.00%
TOTAL REVENUES	\$ 701,500	\$ 232,150	\$ 767,550	\$ 217,295	\$ 550,255	28.31%
EXPENDITURES						
Personnel	\$ 246,905	\$ 39,045	\$ 253,338	\$ 61,826	\$ 191,512	24.40%
Supplies and Materials	31,160	7,135	31,024	9,445	21,579	30.44%
Maintenance and Repairs	300	128	500	108	392	21.51%
Contractual Services	158,135	15,040	187,591	30,454	157,137	16.23%
Local Business Grant Program	200,000	-	181,055	11,844	169,211	6.54%
Operating Transfer Out - GF	65,109	16,277	113,675	28,419	85,256	25.00%
TOTAL EXPENDITURES	\$ 701,609	\$ 77,625	\$ 767,183	\$ 142,095	\$ 625,088	18.52%

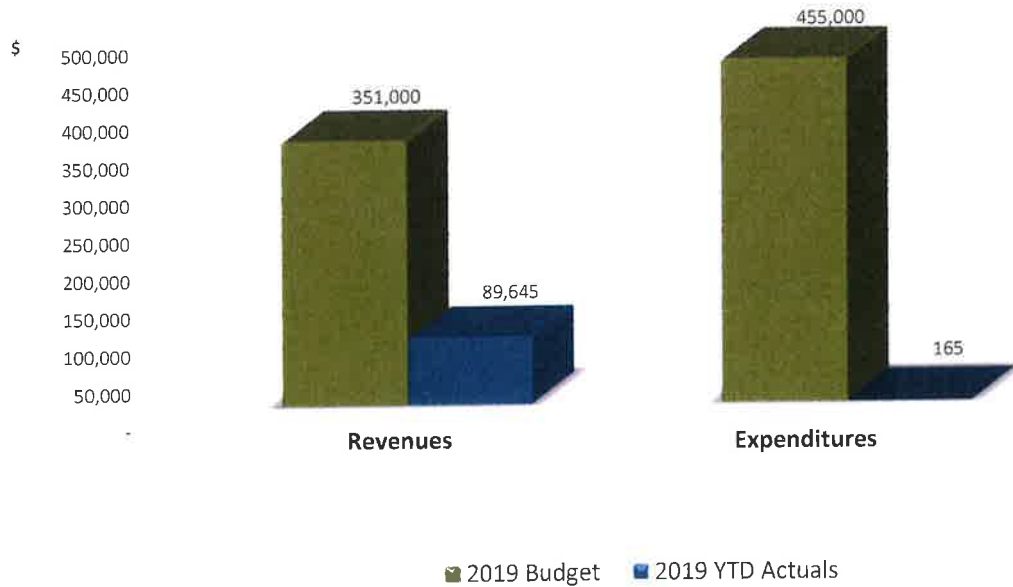
Sachse Economic Development Corporation
Revenues and Expenditures



**CITY OF SACHSE
MUNICIPAL DEVELOPMENT DISTRICT SUMMARY
QUARTER ENDED 12/31/2018 - 25% OF YEAR COMPLETE (UNAUDITED)**

	FY 2018 BUDGET	FY 2018 YEAR- TO-DATE	FY 2019 BUDGET	FY 2019 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
REVENUES						
Sales Tax	\$ -	\$ -	\$ 350,000	\$ 89,611	\$ 260,389	25.60%
Interest Income	-	-	1,000	34	966	3.39%
TOTAL REVENUES	\$ -	\$ -	\$ 351,000	\$ 89,645	\$ 261,355	25.54%
EXPENDITURES						
Park Repairs and Maintenance	-	-	140,000	-	140,000	0.00%
Professional Services	-	-	-	-	-	0.00%
Park Improvements	-	-	315,000	165	314,835	0.05%
Building Renovations	-	-	-	-	-	0.00%
TOTAL EXPENDITURES	\$ -	\$ -	\$ 455,000	\$ 165	\$ 454,835	0.04%

Municipal Development District Revenues and Expenditures



**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	6. Regular Agenda Items
Subject	A. Conduct a public hearing and consider an ordinance amending the Comprehensive Zoning Ordinance and Map by changing the zoning relating to the use and development of a 17.74+/- acre tract of land out of the Robert McCullough Survey No. 29B, Abstract No. 928, City of Sachse, Dallas County, Texas, more particularly described in Exhibits "A" and "B" from R-8.4 to Planned Development No. 36 (PD-36) generally for Single-Family detached residential uses and approving development regulations.
Access	Public
Type	Action, Discussion, Information
Fiscal Impact	No
Budgeted	No
Recommended Action	Approve as presented.

Public Content**BACKGROUND**

- The subject property is four separate vacant tracts which are split by Rosewood Lane.
- Zone change request from R-8.4 to PD
- Applicant: Permitted Development
- Owner: All Solutions Ltd.
- Size: Approximately 17.74 acres
- Current Zoning: R-8.4
- Noticing: Approximately 550 property owners were notified of the proposed request.

POLICY

- The subject property is currently identified as Public on the Future Land Use Plan (FLUP), however Garland ISD has sold the property and the property is no longer intended to be part of Sachse High School.
- Surrounding properties are identified as a Low-Density Residential on the FLUP.
- The proposed zone change would allow for a single-family detached residential subdivision with a mix of 6,000 and 7,200 square foot lots.
- The proposed permitted uses will be consistent with the adjacent and surrounding single-family residential uses. The proposed development standards are consistent with the development standards found in the Jackson Hills subdivision.

RECOMMENDATION

- At the January 28 Planning and Zoning Commission meeting, the Commission voted 7-0 to recommend approval of the proposed amendment to the Future Land Use Plan and the proposed zoning request. Staff also recommends approval of the proposed amendment to the Future Land Use Plan and the proposed rezoning request.

[Presentation.pptx \(2,873 KB\)](#)[ZO 2018-05 - Hudson Hills R8.4 to PD Ordinance.pdf \(2,908 KB\)](#)

Hudson Hills Land Use Amendment & Rezone

CITY COUNCIL

FEBRUARY 18, 2019



Background

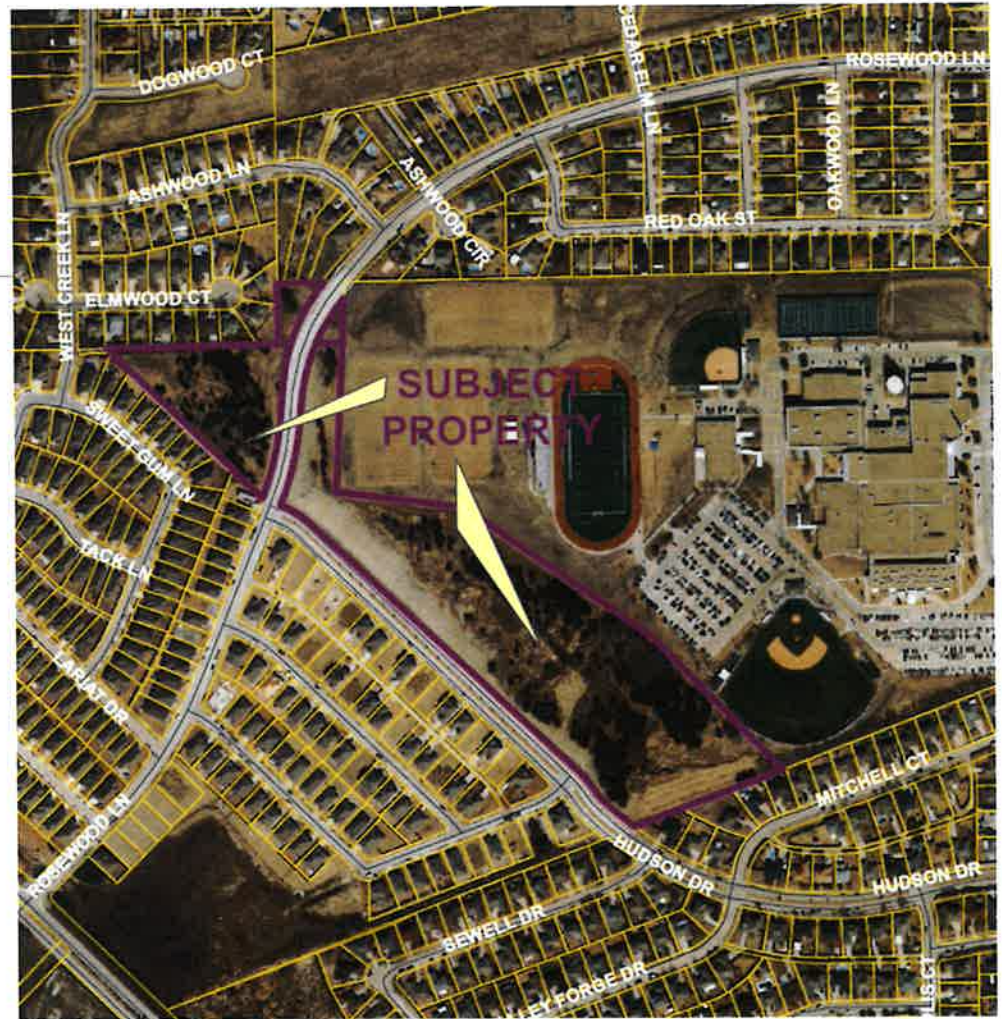
Conduct a public hearing to consider and act on a request by **Permitted Development** to amend the Future Land Use Plan (FLUP) of the 2017 Comprehensive Plan to re-categorize approximately 17.74 acres of land from Public to Low Density Residential and to rezone approximately 17.74 acres of land from Residential 8.4 (R-8.4) to Planned Development District (PD), to modify development standards and allow for a single-family detached residential subdivision, generally located along Rosewood Lane and Hudson Drive.

Overview

- The subject property is located south and west of Sachse High School along Hudson Drive and Rosewood Lane.
- The subject property is zoned R-8.4 that allows single family dwellings in addition to related recreational, religious, and educational facilities.
- R-8.4 is an inactive single family zoning district
- R-8.4 is considered large lot zoning requiring a minimum lot size of 8,400 square feet.
- The subject property was formerly owned by Garland ISD, but has since been sold and is currently vacant.

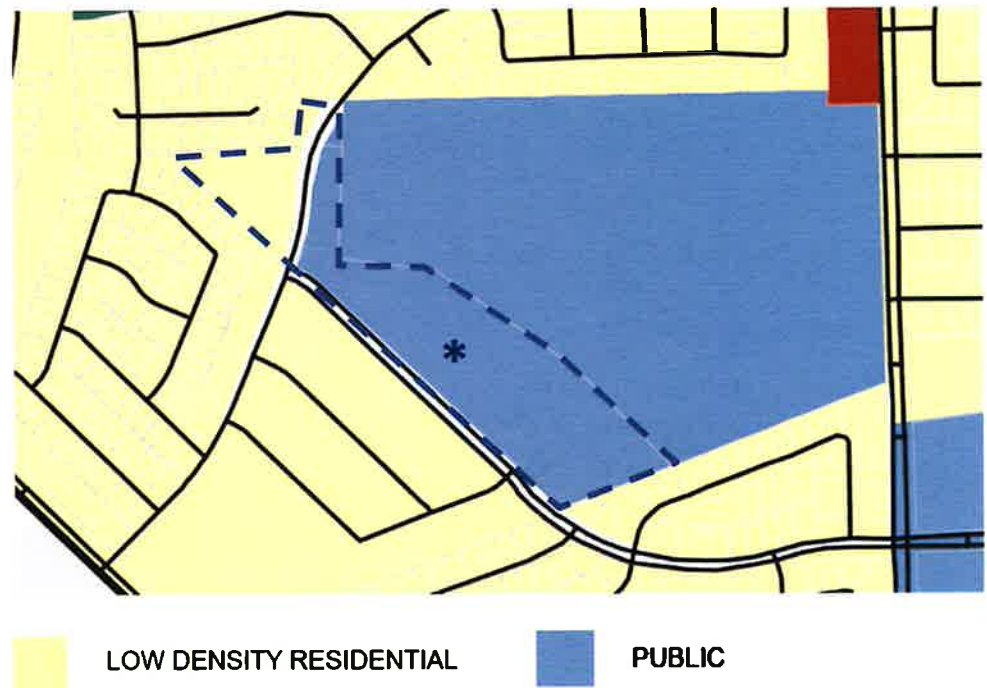
Aerial Map

The subject property is located along Hudson Drive and Rosewood Lane, south and west of Sachse High School.



FLUP

- The Future Land Use Plan (FLUP) designates the subject property for Low Density Residential and Public Uses
- State law requires that zoning decisions *“must be adopted in accordance with a Comprehensive Plan”*
- The FLUP does not support the rezoning request. However, the property is adjacent to a low density residential zone and would be a continuation of the residential area and consistent and compatible with surrounding land uses.

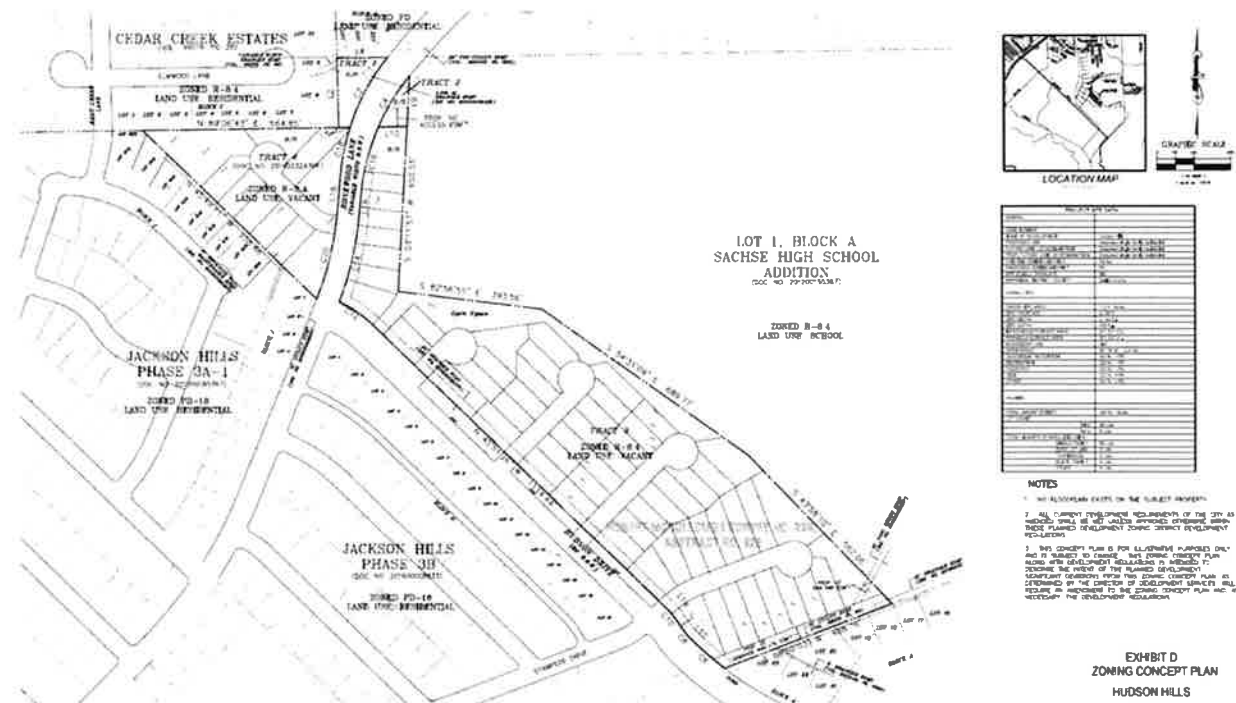


The property is zoned R-8.4. The blue dot indicates the subject property.

Applicant's Request

- The applicant desires to rezone the subject property from R-8.4 to PD
- If the rezoning is approved the subject property could be used for single family detached residential uses.
- As proposed:
 - Maximum density of 67 single-family detached homes;
 - Minimum 1,800 square foot dwelling size;
 - Mix of 6,000 and 7,200 square foot lot sizes;
 - 100% masonry exterior finishes

Conceptual Plan



Staff Recommendation

Staff recommends approval of the amendment to the FLUP and the rezoning request for the following reasons:

- The subject property is contiguous and compatible with the surrounding single-family uses.
 - The proposed zone change for this property would be an extension of the surrounding low density residential zones and is consistent with the goals and objectives for the area in the Comprehensive Plan.
 - The permitted uses within the PD district would be consistent with surrounding residential and school uses and will not have adverse impacts on the surrounding properties
 - The Planning & Zoning Commission recommended approval of the proposed request 7-0 at their January 28, 2019 regular meeting.
- 

ORDINANCE NO. ____

AN ORDINANCE OF THE CITY OF SACHSE, TEXAS, AMENDING THE COMPREHENSIVE ZONING ORDINANCE AND MAP, AS HERETOFORE AMENDED; BY CHANGING THE ZONING RELATING TO THE USE AND DEVELOPMENT OF A 17.74± ACRE TRACT OF LAND OUT OF THE ROBERT MCCULLOUGH SURVEY NO. 29B, ABST. NO. 928, CITY OF SACHSE, DALLAS COUNTY, TEXAS, MORE PARTICULARLY DESCRIBED IN EXHIBITS “A” AND “B” ATTACHED HERETO FROM R-8.4 TO PLANNED DEVELOPMENT NO. 36 (“PD-36”) GENERALLY FOR SINGLE-FAMILY DETACHED RESIDENTIAL USES; APPROVING DEVELOPMENT REGULATIONS; PROVIDING A CONFLICTS RESOLUTION CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Planning and Zoning Commission of the City of Sachse and the governing body of the City of Sachse, in compliance with state laws applying to amending the Comprehensive Zoning Ordinance and Map, have given the requisite notice by publication and otherwise, and after holding due hearings and affording a full and fair hearing to all property owners generally, the governing body of the City of Sachse is of the opinion that said comprehensive Zoning Ordinance should be amended as provided herein;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS, THAT:

SECTION 1. The Comprehensive Zoning Ordinance and Map of the City of Sachse, Texas, as heretofore amended, be and the same are hereby further amended by changing the zoning relating to the use and development of a 17.74± acre tract of land out of the Robert McCullough Survey No. 29B, Abst. No. 928, City of Sachse, Dallas County, Texas, more particularly described in Exhibit “A” attached hereto and incorporated herein by reference (“the Property”) from R-8.4 to Planned Development No.36 (“PD-36”) subject to the provisions of this Ordinance.

SECTION 2. That the property in Planned Development District No. 36, further described in Exhibits “A” and “B” shall be developed and used only in accordance with the Development Standards and Concept Plan which are attached hereto as Exhibits “C” and “D” and incorporated herein for all purposes.

SECTION 3. In the event of an irreconcilable conflict between the provisions of another previously adopted ordinance of the City of Sachse and the provisions of this Ordinance as applicable to the use and development of the Property, the provisions of this Ordinance shall be controlling.

SECTION 4. Should any sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole, or any part or provision hereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Comprehensive Zoning Ordinance as a whole.

SECTION 5. An offense committed before the effective date of this ordinance is governed by the prior law and the provisions of the Code of Ordinances, as amended, in effect when the offense was committed and the former law is continued in effect for this purpose.

SECTION 6. Any person, firm or corporation violating any of the provisions or terms of this ordinance shall be subject to the same penalty as provided for in the Comprehensive Zoning Ordinance of the City of Sachse, as heretofore amended, and upon conviction shall be punished by a fine not to exceed the sum of two thousand dollars (\$2,000.00) for each offense; and each and every day such violation shall continue shall be deemed to constitute a separate offense.

SECTION 7. This ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law and Charter in such cases provide.

PASSED AND APPROVED by the City Council of the City of Sachse, Texas on the _____ day of _____, 2019.

APPROVED:

Mike J. Felix, Mayor

DULY ENROLLED:

Michelle Lewis Sirianni, City Secretary

APPROVED AS TO FORM:

Peter G. Smith, City Attorney

EXHIBIT "A"
Description of Property

TRACT 1

A 0.34 ACRE TRACT LYING AND BEING SITUATED IN THE ROBERT McCULLOUGH SURVEY NO. 29B, ABSTRACT NO. 928, DALLAS COUNTY, TEXAS, BEING A PORTION OF A CALLED 6.446 ACRE TRACT DESCRIBED AS "TRACT TWO" IN DOCUMENT NO. 201400324396, OFFICIAL PUBLIC RECORDS OF DALLAS COUNTY, TEXAS, BEING A PORTION OF A CALLED 10.00 ACRE TRACT CONVEYED TO GARLAND ISD AS RECORDED IN VOLUME 97170, PAGE 2410, DEED RECORDS OF DALLAS COUNTY, TEXAS, SAID TRACT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING at a ½" iron rod set for the northwest corner of the herein described tract, the northwest corner of said 6.446 Acre Tract, the southwest corner of Lot 4, Block Q, Park Lake Estates, Phase Four, as recorded in Vol. 2001149, Pg. 1835, Map and Plat Records of Dallas County, Texas, a point in the east line of Lot 9, Block C, Cedar Creek Estates, as recorded in Vol. 99076, Pg. 38, Map and Plat Records of Dallas County, Texas;

THENCE along the south line of said Park Lake Estates, Phase Four, same being the north line of the herein described tract, the north line of said 6.446 Acre Tract, N 89°31'51" E, at a distance of 97.56 feet passing a ½" iron rod with yellow cap, a total distance of 138.06 feet (called N 87°06'36" E, per deed) to a point of reference for the northeast corner of the herein described tract, a point in the westerly R.O.W. line of Rosewood Lane (a Variable Width R.O.W.);

THENCE along said R.O.W. line, same being the east line of the herein described tract, S 38°13'21" W, 8.33 feet (S 38°21'57" W) to a ½" iron rod set for the P.C. of a curve;

THENCE continuing along said R.O.W. line, along and with a curve to the left with the following parameters:

Radius: 600.00 feet

Arc Length: 209.91 feet (210.54 feet)

Chord Length: 208.84 feet (209.46 feet)

Chord Bearing: S 27°50'01" W (S 28°18'56" W)

Delta Angle: 20°02'40" (20°06'19")

To a ½" iron rod set for the southeast corner of the herein described tract, the northeast corner of a 3.09 acre tract this day surveyed (called Tract 4):

THENCE along and with the north line of said Tract 4, same being the south line of the herein described tract, S 89°06'43" W, 31.02 feet to a point of reference for the southwest corner of the herein described tract, the southeast corner of Lot 8, said Cedar Creek Estates;

THENCE along and with the east line of said Lot 8, same being the west line of the herein described tract, N 01°18'59" W, 190.62 feet (N 03°21'45" W, 190.62 feet to the **POINT OF BEGINNING** and containing 0.34 acres, more or less.

All set ½" iron rods capped with "AMERISURVEYORS" cap.
Basis of Bearing: Texas North Central NAD 83.

STATE OF TEXAS §

October 18, 2018

COUNTY OF COLLIN §

It is hereby certified that the above description was prepared from an actual survey on the ground of the described tract made under my supervision.


Donald Edward Smith, Sr.
Registered Professional Land Surveyor
Registration No. 2465



**EXHIBIT "A" continued
TRACT 2**

A 0.14 ACRE TRACT LYING AND BEING SITUATED IN THE ROBERT McCULLOUGH SURVEY NO. 29B, ABSTRACT NO. 928, DALLAS COUNTY, TEXAS, BEING A PORTION OF A CALLED 6.446 ACRE TRACT DESCRIBED AS "TRACT TWO" IN DOCUMENT NO. 201400324396, OFFICIAL PUBLIC RECORDS OF DALLAS COUNTY, TEXAS, BEING A PORTION OF A CALLED 10.00 ACRE TRACT CONVEYED TO GARLAND ISD AS RECORDED IN VOLUME 97170, PAGE 2410, DEED RECORDS OF DALLAS COUNTY, TEXAS, SAID TRACT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING at a ½" iron rod set in the easterly R.O.W. line of Rosewood Lane (a Variable Width R.O.W.) for the north corner of the herein described tract, the northeast corner of said 6.446 Acre Tract, the northwest corner of Lot 1, Block A, Sachse High School Addition, as recorded in Doc. No. 201200155367, Map and Plat Records of Dallas County, Texas:

THENCE along the west line of said Sachse High School Addition, same being the east line of the herein described tract, the east line of said 6.446 Acre Tract, S 03°11'57" W, 138.11 feet (called S 01°07'27" W, per deed) to a ½" iron rod set for the southeast corner of the herein described tract, the northeast corner of a 14.17 acre tract this day surveyed (called Tract 3):

THENCE along and with the north line of said Tract 3, same being the south line of the herein described tract, S 89°06'43" W, 77.86 feet to a ½" iron rod set for the southwest corner of the herein described tract, the northwest corner of said Tract 3, a point in the easterly R.O.W. line of Rosewood Lane for the P.C. of a curve:

THENCE along said R.O.W. line, along and with a curve to the right with the following parameters:

Radius: 600.00 feet
Arc Length: 163.81 feet (165.09 feet)
Chord Length: 163.30 feet (164.57 feet)
Chord Bearing: N 31°35'40" E (N 32°02'22" E)
Delta Angle: 15°38'34" (15°45'54")
To the **POINT OF BEGINNING** and containing 0.14 acres, more or less.

All set ½" iron rods capped with "AMERISURVEYORS" cap.
Basis of Bearing: Texas North Central NAD 83.

STATE OF TEXAS §
COUNTY OF COLLIN §

October 18, 2018

It is hereby certified that the above description was prepared from an actual survey on the ground of the described tract made under my supervision.



Donald Edward Smith, Sr.
Registered Professional Land Surveyor
Registration No. 2465



EXHIBIT "A" continued
TRACT 3

A 14.17 ACRE TRACT LYING AND BEING SITUATED IN THE ROBERT McCULLOUGH SURVEY NO. 29B, ABSTRACT NO. 928, DALLAS COUNTY, TEXAS, BEING A PORTION OF A CALLED 6.446 ACRE TRACT DESCRIBED AS "TRACT TWO" IN DOCUMENT NO. 201400324396, OFFICIAL PUBLIC RECORDS OF DALLAS COUNTY, TEXAS, A PORTION OF A CALLED 14.080 ACRE TRACT DESCRIBED AS "TRACT ONE" IN SAID DOCUMENT NO. 201400324396, BEING A PORTION OF A CALLED 65.0273 ACRE TRACT CONVEYED TO GARLAND ISD AS RECORDED IN VOLUME 98011, PAGE 4088, DEED RECORDS OF DALLAS COUNTY, TEXAS, SAID TRACT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING at a ½" iron rod with yellow cap found for the southeast corner of the herein described tract, the southeast corner of said 14.080 Acre Tract, the southwest corner of Lot 1, Block A, Sachse High School Addition, as recorded in Doc. No. 201200155367, Map and Plat Records of Dallas County, Texas, the northeast corner of Lot 18, Block A, Hudson Crossing-Phase 1, as recorded in Vol. 98109, Pg. 93, Map and Plat Records of Dallas County, Texas;

THENCE along the north line of said Hudson Crossing-Phase 1, same being the south line of the herein described tract, S 68°50'03" W, 488.76 feet (called S 66°53'47" W, per deed) to a ½" iron rod set for the southwest corner of the herein described tract, the northwest corner of Lot 23, Block A, Hudson Crossing-Phase 3, as recorded in Vol. 2000149, PG. 1069, Map and Plat Records of Dallas County, Texas, a point in the easterly R.O.W. line of Hudson Drive (an 80' R.O.W.) as described in Doc. No. 201500036225, Official Public Records of Dallas County, Texas;

THENCE along and with said R.O.W. line, same being the west line of the herein described tract, the following courses and distances:

Along a curve to the right with the following parameters:

Radius: 960.00 feet
Arc Length: 115.12 feet
Chord Length: 115.05 feet
Chord Bearing: N 49°17'34" W (N 48°45'06" W)
Delta Angle: 06°52'14"
to a ½" iron rod set for a P.T.;

THENCE N 45°51'26" W, 2.73 feet (N 45°18'58" W, 2.73 feet) to a ½" iron rod set for a P.C.;

THENCE along a curve to the right with the following parameters:

Radius: 290.00 feet
Arc Length: 103.05 feet
Chord Length: 102.51 feet
Chord Bearing: N 56°11'19" W (N 55°29'47" W)
Delta Angle: 20°21'36"
To a ½" iron rod set for a P.T.;

THENCE N 32°57'21" W, 4.27 feet (N 32°24'53" W, 4.27 feet) to a ½" iron rod set for a P.C.;

THENCE along a curve to the left with the following parameters:

Radius: 290.00 feet
Arc Length: 65.30 feet
Chord Length: 65.16 feet
Chord Bearing: N 39°24'24" W (N 38°51'56" W)
Delta Angle: 12°54'04"
to a ½" iron rod set for a P.T.;

THENCE N 45°51'26" W, 1114.44 feet (N 45°18'58" W, 1114.44 feet) to a ½" iron rod set for a P.C.;

THENCE along a curve to the left with the following parameters:

Radius: 290.00 feet
Arc Length: 103.05 feet
Chord Length: 102.51 feet
Chord Bearing: N 56°11'19" W (N 55°29'47" W)
Delta Angle: 20°21'36"
to a point of reference marking the intersection of the easterly R.O.W. line of said Hudson Drive to the easterly R.O.W. line of Rosewood Lane (a Variable Width R.O.W.);

THENCE along the easterly R.O.W. line of said Rosewood Lane, along a curve to the left with the following parameters:

Radius: 885.00 feet
Arc Length: 244.30 feet
Chord Length: 243.53 feet
Chord Bearing: N 13°04'30" E
Delta Angle: 15°48'59"
To a ½" iron rod set for a P.T.;

EXHIBIT "A" continued

THENCE N 05°10'01" E, 52.44 feet (N 05°39'33" E, 52.44 feet) to a ½" iron rod set for a P.C.:

THENCE along a curve to the right with the following parameters:

Radius: 600.00 feet

Arc Length: 194.85 feet (193.71)

Chord Length: 193.99 feet (192.87 feet)

Chord Bearing: N 14°28'12" E (N 14°54'29" E)

Delta Angle: 18°36'23" (18°36'53")

To a ½" iron rod set for the northwest corner of the herein described tract, the southwest corner of a 0.14 acre tract this day surveyed (called Tract 2):

THENCE along the south line of said Tract 2, same being the north line of the herein described tract, N 89°06'43" E, 77.86 feet to a ½" iron rod set for the northeast corner of the herein described tract, a point in the west line of Lot 1, Block A, Sachse High School Addition, as recorded in Doc. No. 201200155367, Map and Plat Records of Dallas County, Texas:

THENCE along the west line of said Sachse High School Addition, same being the east line of the herein described tract, S 03°11'57" W, 450.03 feet (called S 01°07'27" W) to a ½" iron rod with yellow cap found for an ell of the herein described tract, the most northerly southwest corner of said Lot 1:

THENCE along the south line of said Lot 1, same being the most southerly north line of the herein described tract, the following courses and distances:

S 82°56'55" E, 393.56 feet (S 84°42'53" E, 393.00 feet) to a ½" iron rod found for an angle point:

S 54°31'09" E, 689.77 feet (S 56°40'49" E, 690.04 feet) to a point of reference for an angle point, from which a fence corner post is found bearing N 76°22'41" E, 0.88 feet for witness:

THENCE S 43°58'10" E, 562.06 feet (S 45°53'57" E, 562.06 feet) to the **POINT OF BEGINNING** and containing 14.17 acres, more or less.

All set ½" iron rods capped with "AMERISURVEYORS" cap.
Basis of Bearing: Texas North Central NAD 83.

STATE OF TEXAS §

October 18, 2018

COUNTY OF COLLIN §

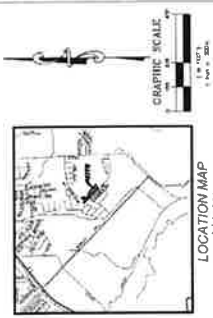
It is hereby certified that the above description was prepared from an actual survey on the ground of the described tract made under my supervision.



Donald Edward Smith, Sr.
Registered Professional Land Surveyor
Registration No. 2465

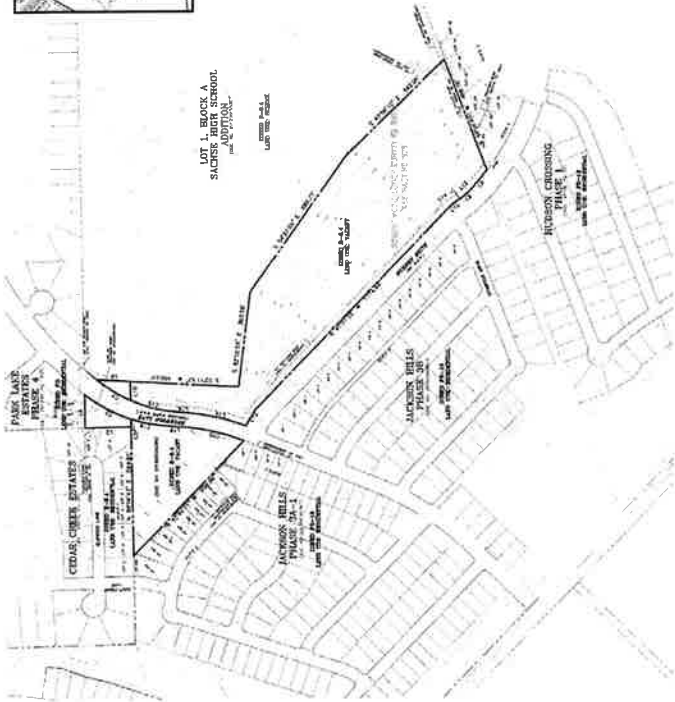


EXHIBIT "B" Zoning Exhibit



LOCATION MAP

LOT 1, BLOCK A
SACRED BROTHERHOOD
CHURCH



SITE DATA SUMMARY TABLE	
Project Name	LOT 1, BLOCK A, SACRED BROTHERHOOD CHURCH
Project Address	1774 ACRES
Project Owner	ROBERT MACDONALD, JR., No. 299
Project City	CITY OF SAGINAW, MICHIGAN
Project State	STATE OF MICHIGAN
Project County	COUNTY OF SAGINAW
Project Zip	49783
Project Phone	(517) 799-1111
Project Fax	(517) 799-1111
Project Email	robert@macdonald.com
Project Website	www.macdonald.com

NOTES

1. THE PROPOSED DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF SAGINAW DEVELOPMENT STANDARDS.
2. THE PROPOSED DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF SAGINAW DEVELOPMENT STANDARDS.

EXHIBIT B - ZONING EXHIBIT HUDSON HILLS

1774 ACRES

ROBERT MACDONALD, JR., No. 299

CITY OF SAGINAW, MICHIGAN

STATE OF MICHIGAN

COUNTY OF SAGINAW

ZIP 49783

PHONE (517) 799-1111

FAX (517) 799-1111

EMAIL robert@macdonald.com

WEBSITE www.macdonald.com

DATE 10/1/01

BY [Signature]

NOTES

1. THE PROPOSED DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF SAGINAW DEVELOPMENT STANDARDS.
2. THE PROPOSED DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF SAGINAW DEVELOPMENT STANDARDS.

1774 ACRES

ROBERT MACDONALD, JR., No. 299

CITY OF SAGINAW, MICHIGAN

STATE OF MICHIGAN

COUNTY OF SAGINAW

ZIP 49783

PHONE (517) 799-1111

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DATE 10/1/01

BY [Signature]

1774 ACRES

ROBERT MACDONALD, JR., No. 299

CITY OF SAGINAW, MICHIGAN

STATE OF MICHIGAN

COUNTY OF SAGINAW

ZIP 49783

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DATE 10/1/01

BY [Signature]

1774 ACRES

ROBERT MACDONALD, JR., No. 299

CITY OF SAGINAW, MICHIGAN

STATE OF MICHIGAN

COUNTY OF SAGINAW

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DATE 10/1/01

BY [Signature]

1774 ACRES

ROBERT MACDONALD, JR., No. 299

CITY OF SAGINAW, MICHIGAN

STATE OF MICHIGAN

COUNTY OF SAGINAW

ZIP 49783

PHONE (517) 799-1111

FAX (517) 799-1111

EMAIL robert@macdonald.com

WEBSITE www.macdonald.com

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NOTES

1. THE PROPOSED DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF SAGINAW DEVELOPMENT STANDARDS.
2. THE PROPOSED DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF SAGINAW DEVELOPMENT STANDARDS.

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EXHIBIT "C"
Development Regulations

1.0 PLANNED DEVELOPMENT DISTRICT

1.01 Purpose:

The purpose of this Planned Development District is to provide for flexibility in the combination of allowed uses while insuring proper land use regulations and development standards. Each permitted use is planned and developed as an integral land use unit while providing flexibility in the use and design of land and buildings where modification of specific provisions of this ordinance is not contrary to its intent and purpose or significantly inconsistent with the planning on which it is based and will not be harmful to the neighborhood. While flexibility is given to provide special restrictions, which allow for innovative concepts in land utilization and development not otherwise permitted, procedures are established to insure against misuse of the increased flexibility.

2.0 PLANNED DEVELOPMENT- SINGLE FAMILY RESIDENTIAL

2.01 General Description:

The district is to be considered as single-family residential. Development standards for each of the lot sizes are outlined within this text. All development within each tract shall be in conformance with the requirements of Chapter 11 of the City of Sachse Zoning Ordinance, and as amended, except as modified below:

2.02 Permitted Uses: Land uses permitted within residential areas, indicated on Exhibit "D", are as follows:

- a. Residential units as described herein.
- b. Utility distribution lines and facilities.
- c. Real estate sales offices and model homes during the development and marketing of the residential areas.
- d. Directional signs pertaining to the development.
- e. Accessory buildings, which are not a part of a main building customarily incidental to the permitted uses.
- f. Temporary buildings, temporary signs, and uses incidental to construction work on the premises, which shall be removed upon completion.

2.03 Density: The overall maximum allowed single family residential units shall not exceed 66 units.

2.04 Garage, Parking and Driveway Requirements: Garage, parking and driveway requirements for single family development areas shall be as follows:

- a. Two (2) off-street parking spaces shall be provided on the same lot as the main structure. In addition to this requirement, a two (2) car garage shall be provided for each unit. Garage parking shall be behind the front building line. The entrance to any attached or detached garage shall be allowed to face any street subject to paragraph 2.04(c) below. Any garage structure shall have a minimum of twenty (20) feet from the property line to the closed garage door.
- b. No parking space, garage or other automobile storage space or structure shall be used for storage of any heavy load vehicle.
- c. No driveway entrances shall be allowed to be constructed on the side or rear lot line adjacent to any major thoroughfare (minimum 80' right-of-way to maximum 140' right-of-way).

2.05 Building Materials: The building materials requirements shall be as follows:

- a. One-hundred percent (100%) of the total exterior wall surfaces of all main buildings shall have an exterior finish of stone, brick, or other masonry veneer. Exception, if the gable is in front of an attic space or over a garage overhead door, it is exempt from the masonry requirement.
- b. Detached, freestanding garages, whether attached to the main building by a covered walkway or not, shall have one-hundred percent (100%) of the total exterior wall surface be of an exterior finish of stone, brick or other masonry veneer.

2.06 R-6.0 Single Family: R-6.0 Single Family are single family, detached housing units, having access and frontage on a public street. Building and area requirements for single family detached units are as follows:

- a. **Minimum Dwelling Size:** The minimum area of the main building, exclusive of garages, breezeways and porticos is 1800 square feet.
- b. **Lot Area:** The minimum area of any lot shall be six thousand (6,000) square feet.
- c. **Lot Coverage:** In no case shall more than fifty percent (50%) of the total lot area be covered by the combined area of the main buildings, accessory buildings. Swimming pools, spas, decks, patios, driveways and lead walks shall not be included in determining maximum lot coverage.
- d. **Lot Width:** The minimum width of any lot shall be fifty (50) feet at the front building line.
- e. **Lot Depth:** The minimum depth of any lot shall be one hundred ten (110) feet.
- f. **Front Yard:** The minimum depth of the front yard shall be twenty (20) feet.
- g. **Side Yard:** The minimum side yard for single family detached units shall be five (5) feet on each side of the lot. A side yard adjacent to a street shall be a minimum of fifteen (15) feet. The minimum side yard on a key lot shall be the same as the front yard setback on the adjacent side street.
- h. **Rear Yard:** The minimum depth of the rear yard shall be twenty (20) feet if the rear yard is adjacent to another residential lot, and fifteen (15) feet if adjacent to an alley, open space or park. If the rear lot line abuts a dedicated alley, the garage drive entry, if provided, must be set back a minimum of twenty (20) feet.
- i. **Maximum Building Height:** Buildings shall be a maximum of two and one-half (2½) stories, or thirty five (35) feet.
- j. **Maximum Density:** Number of units not to exceed 57.

2.07 R-7.2 Single Family: R-7.2 Single Family units are single family, detached housing units, having access and frontage on a public or private road. Building and area requirements are as follows:

- a. **Minimum Dwelling Size:** The minimum area of the main building, exclusive of garages, breezeways and porticos is 1800 square feet.
- b. **Lot Area:** The minimum area of any lot shall be seven thousand two hundred (7,200) square feet.

EXHIBIT "C" continued

- c. **Lot Coverage:** In no case shall more than fifty percent (50%) of the total lot area be covered by the combined area of the main buildings, accessory buildings and driveways. Swimming pools, spas, decks, patios, driveways and lead walks shall not be included in determining maximum lot coverage.
- d. **Lot Width:** The minimum width of any lot shall be sixty (60) feet at the front building line.
- e. **Lot Depth:** The minimum depth of any lot shall be one hundred ten (110) feet.
- f. **Front Yard:** The minimum depth of the front yard shall be twenty (20).
- g. **Side Yard:** The minimum side yard on each side of the lot shall be five (5) feet. A side yard adjacent to a street shall be a minimum of fifteen (15) feet.
- h. **Rear Yard:** The minimum depth of the rear yard shall be twenty (20) feet if the rear yard is adjacent to another residential lot, and fifteen (15) feet if adjacent to an alley, open space or park. If the rear lot line abuts a dedicated alley, the garage drive entry, if provided, must be set back a minimum of twenty (20) feet.
- i. **Maximum Building Height:** Buildings shall be a maximum of two and one-half (2½) stories, or thirty five (35) feet.
- j. **Minimum Density:** Shall not be less than 9 units.

2.08 General Requirements:

- a. **Landscaping and Sodding Of Yards:** All lots must comply with the City of Sachse Zoning Ordinance, Section 11, LANDSCAPING AND SCREENING. All yards of each home shall be irrigated. No masonry wall or screening shall be required on lots siding to Hudson Drive.
- b. **Homeowner Association:** A homeowner association will be established prior to the recording of the initial final plat. The homeowners association will be responsible for the maintenance of all common areas deeded to the association and will authorize the City to maintain the common areas in the event the homeowners association fails to do so, with all rights of the homeowners association. The restrictive covenants and homeowner association rules will be submitted to the City for approval by the City Attorney with the submission of the final plat. The restrictive covenants will be recorded prior to the sale of the first lot.



Agenda Item Details

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	6. Regular Agenda Items
Subject	B. Consider a resolution approving the terms and conditions of a professional services agreement between the City of Sachse and Lee Engineering in the amount of \$32,800.00.
Access	Public
Type	Action
Preferred Date	Feb 18, 2019
Absolute Date	Feb 18, 2019
Fiscal Impact	Yes
Dollar Amount	32,800.00
Budgeted	Yes
Budget Source	Roadway Impact Fees
Recommended Action	Staff recommends approval as presented.
Goals	Strategically invest in the City's existing and future infrastructure.

Public Content

BACKGROUND

The City of Sachse Capital Improvement Plan includes a roadway expansion project for the traffic signalization of the intersection of Ingram Road and Dewitt Road.

OVERVIEW

Traffic volumes continue to increase in the Blackburn-Ingram corridor, particularly during peak traffic times in the morning and evening. This traffic volume increase is leading to significant congestion at the intersection of Ingram Road and Dewitt Road during peak traffic times.

The four-way stop at this intersection causes eastbound traffic on Ingram to back-up to the 3rd Street intersection. The City hired a consultant to complete a traffic signal warrant study for the intersection in May 2017. The study showed that the intersection met the criteria for a traffic signal by two warrants. Only one warrant is required to be met.

Traffic congestion negatively impacts the residents of Sachse, and as such, improving transportation is a major component of the City Council's goal to strategically invest in the City's existing and future infrastructure. There are two roadway expansion projects listed in the City of Sachse Capital Improvement Plan:

- R-13-11a — Traffic Signal Improvements at Ingram-Dewitt (100% Funded — \$500,000)
- R-13-11b — Widening of Blackburn Road and Ingram Road (Funding TBD, estimated cost — \$5,000,000)

This item is to award the design for the traffic signal improvements included in CIP Project 13-11a. If approved, staff will kick-off the design project this month, with the goal of bidding the project for construction in late Spring/early Summer.

POLICY CONSIDERATIONS

The project is included in the City of Sachse Capital Improvement Plan, with project funds shown to be from Roadway Impact Fees.

RECOMMENDATION

Staff recommends approval of the resolution approving the professional services agreement with Lee Engineering.

RESO approving LEE ENG Agreement for Professional Services.docx (23 KB)

Proposal - Ingram at Blackburn - City of Sachse.pdf (876 KB)

Presentation - Ingram-Dewitt Traffic Signal-LR.pptx (11,924 KB)

SACHSE Lee Engineering Ingram Dewitt Traffic Signal Design (1)-LR.doc (58 KB)

Ingram Road-Dewitt Road Signal Improvements

CITY COUNCIL

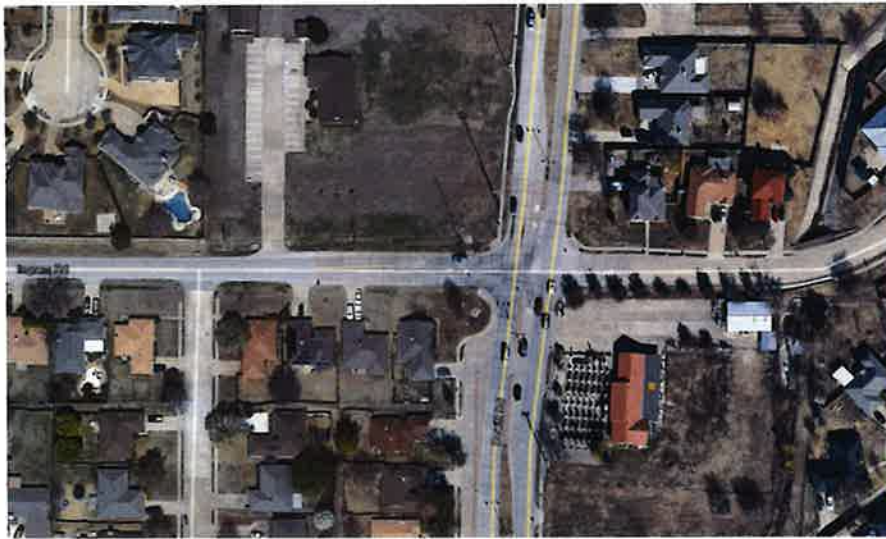
February 18, 2019



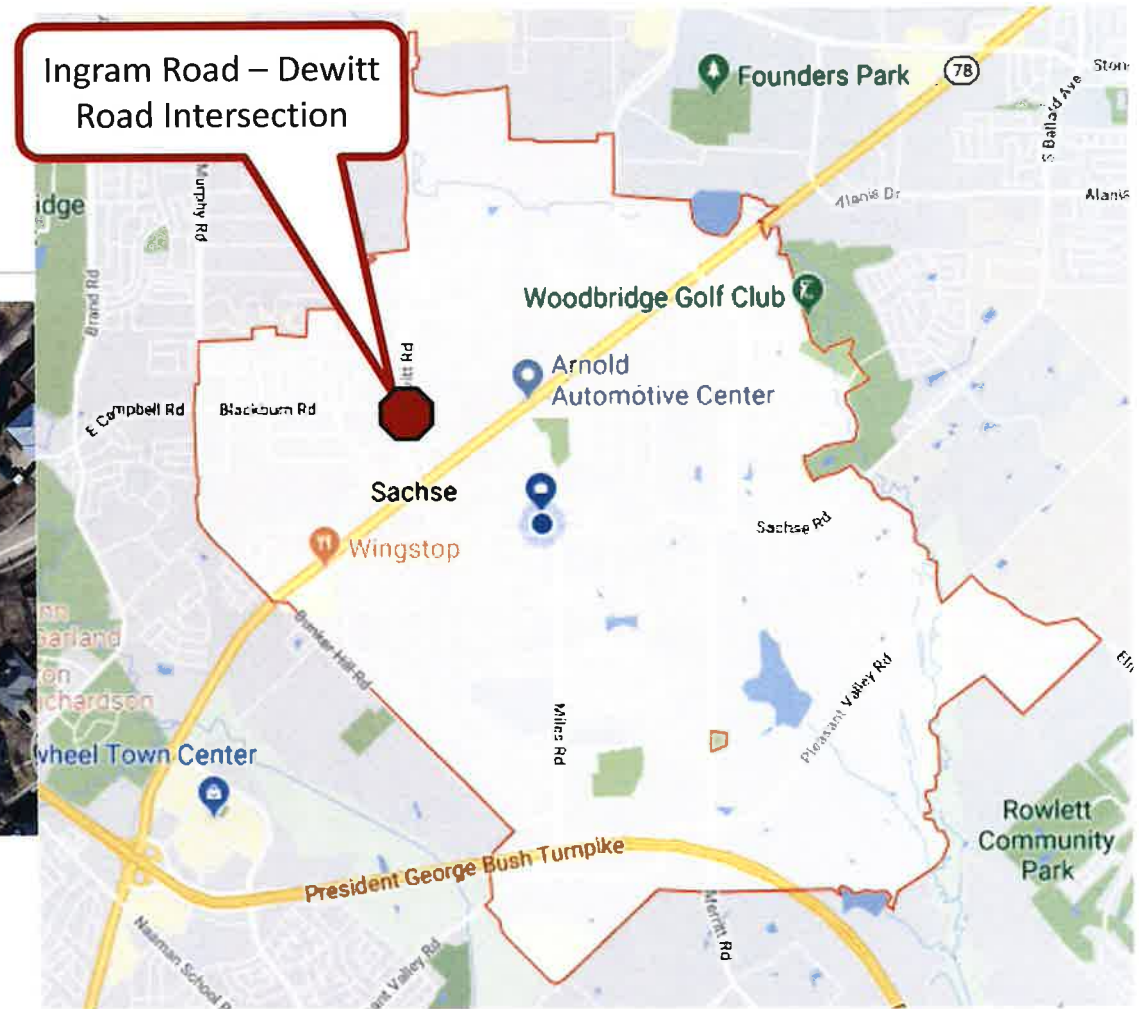
Overview

- Location Map & Site Photos
- Thoroughfare Plan
- History
- Existing Conditions
- Ingram-Dewitt Intersection
- Capital Improvement Plan
- Next Steps

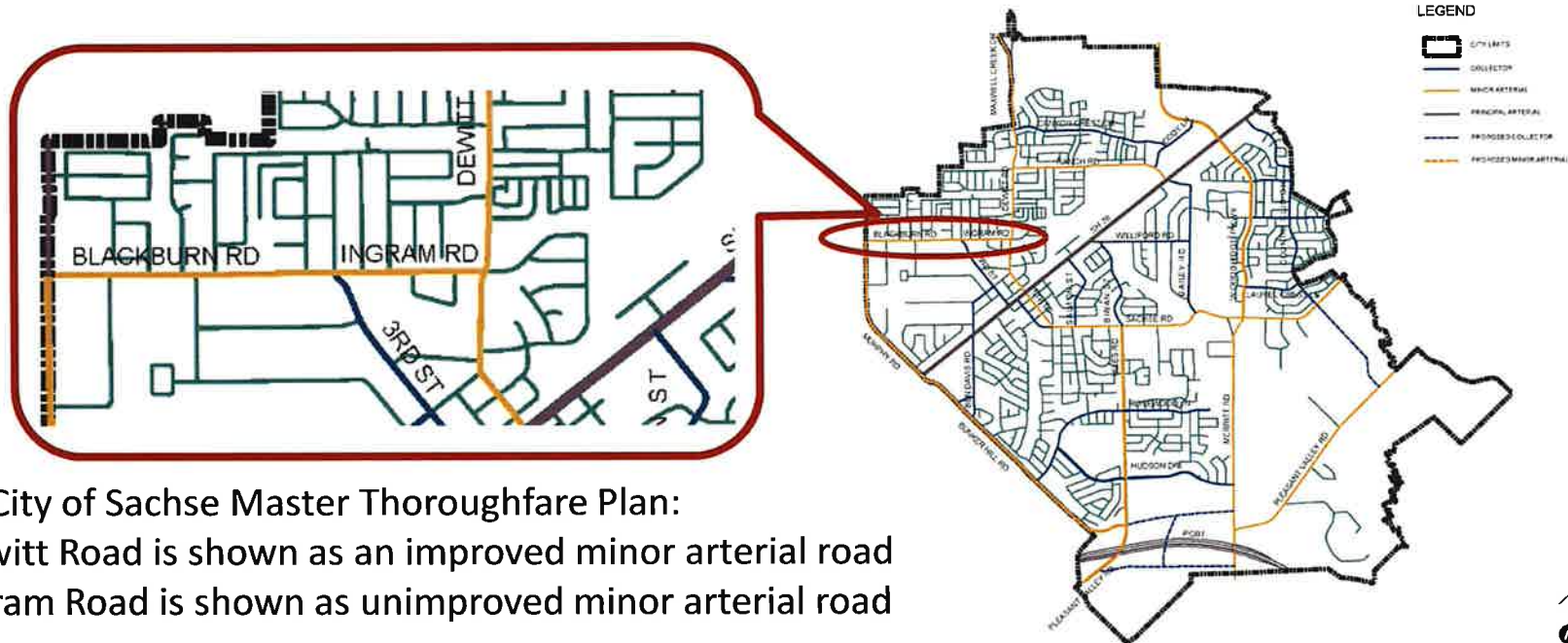
Location Map



Aerial View of Intersection



Thoroughfare Plan



In the City of Sachse Master Thoroughfare Plan:

- Dewitt Road is shown as an improved minor arterial road
- Ingram Road is shown as unimproved minor arterial road

Ingram-Dewitt Intersection

- There is now significant congestion at the intersection of Ingram Road and Dewitt Road during peak traffic times.
- The four-way stop at this intersection causes eastbound traffic on Ingram to back-up to the 3rd Street intersection.
- The City hired a consultant to complete a traffic signal warrant study for the intersection in May 2017. The study showed that the intersection met the criteria for a traffic signal by two warrants. Only 1 warrant is required to be met.



Capital Improvement Plan

- Traffic congestion negatively impacts the residents of Sachse, and as such, improving transportation is a major component of the City Council's goal to strategically invest in the City's existing and future infrastructure.
- There are two roadway expansion projects listed in the City of Sachse Capital Improvement Plan
 - R-13-11a – Traffic Signal Improvements at Ingram-Dewitt (100% Funded - \$500,000)
 - R-13-11b – Widening of Blackburn Road and Ingram Road (Funding TBD, estimated cost - \$5,000,000)

Staff Recommendation

- City staff has engaged Lee Engineering, a traffic engineering firm, to provide a proposal for the engineering design of traffic signal improvements at the intersection.
- Lee Engineering performed the original signal warrant study in 2017 and has performed well on past projects in Sachse.
- Staff recommends that the City Council approve the resolution to approve the terms and conditions of a professional services agreement with Lee Engineering.

Next Steps

- If approved, staff will kick the design project off this month, with the goal of bidding the project for construction in late Spring/early Summer.



ARIZONA
TEXAS
NEW MEXICO
OKLAHOMA

February 8, 2019

Mr. Greg Peters
City Engineer
City of Sachse
3815 Sachse Road Building B
Sachse, Texas 75048

Re: *Preparation of PS&E for Signalization of Dewitt Road at Ingram Road.*

Dear Mr. Peters:

Lee Engineering is pleased to submit this proposal to perform traffic engineering services for the City of Sachse. The services outlined below include the preparation of design plans, specifications and cost estimate data for the construction of a permanent traffic signals at the intersection of Dewitt Road at Ingram Road. The plan set will be prepared to meet City of Sachse requirements. This letter will serve as an agreement between the City of Sachse and Lee Engineering, LLC to provide the services outlined in the Scope of Services below.

SCOPE OF BASIC SERVICES

TASK 1: TRAFFIC SIGNAL INSTALLATION DESIGN PLANS

Lee Engineering will follow the work items below in preparing design plans, specifications, and cost estimate data for the permanent traffic signal installation at Dewitt Road at Ingram Road. We have assumed these plans will be prepared for letting by the City of Sachse.

- Lee Engineering will gather any available data from the City of Sachse on the existing as built configuration of the intersection and utilities in the area (PDF or CAD format). This data may include a roadway (paving) file, right-of-way file, and any available utility files. Based on this information, we will prepare a signal design base map of the intersection.
 - *Lee has assumed that a topo survey as identified under additional services or one provided by the City of Sachse will be available for this project.*
- We will review with the CITY the proposed signal and curb ramp intersection geometrics to identify any features that may impact the signalization of the intersection. Potential modifications to the intersection geometrics, design of the signal, or operations will be discussed with City staff.
- We will visit the project site to photograph key intersection features and measure and confirm dimensions on the base map. We will also identify the potential pole locations. We will contact DIG TESS and the City of Sachse to locate via paint marking known existing underground utilities.
 - *No SUE will be performed.*
- We will then prepare preliminary plan sheets for review by the City. These sheets are expected to include new pole locations, controller cabinet and electrical service locations, conduit and wiring run data, signal heads, vehicle detection, and any modifications to the sidewalks or barrier free

curb ramps. Pavement markings and signing sheet will only include stop bars and crosswalks and signs mounted on the mast arms and signal poles.

- Upon approval of the preliminary layouts by the City, we will prepare all necessary plan sheets for construction of the proposed traffic signal installation. The plans will conform with and will utilize City of Sachse and TxDOT design standards. A complete draft set of all plan sheets will be provided for review by the City.
- Based upon comments, we will incorporate necessary changes and produce, sign, and seal final plans on 11" x 17" sheets.

TASK 2: PREPARATION OF CONTRACT DOCUMENTS AND BID PHASE SERVICES.

- We will also prepare technical specifications and cost estimate data for the construction of the permanent traffic signal installation. We will identify and gather all applicable City and TxDOT standard and special specifications required for the signal installation. Quantity estimates for all applicable bid items will be tabulated along with up-to-date unit costs. A draft set of specifications and cost estimate data will be submitted to the City for review. Upon completion of the review, we will incorporate necessary changes and produce final specifications and estimate data.
- We will review bids, make a recommendation for bid award, and issue an award letter to the City.
- It is our understanding that we will assist the City with a single letting. All contract documents and bidding/contracting services will be prepared as part of this letting.

ADDITIONAL SERVICES

TASK 3: TOPOGRAPHIC SURVEY

Lee Engineering will subcontract the topographic survey for this project with CEC.

Limits of Survey:

From the center of the intersection:

- Extend West approximately 325'
- Extend North approximately 200'
- Extend East approximately 230'
- Extend South approximately 245'

Topo Bandwidths: The topo limits will include the entire roadway corridor and extend to the existing right-of-way on either side of the road.

Survey Scope of Work:

Horizontal & Vertical Control:

- Establish a minimum of one (1) primary horizontal control point
- Establish a minimum of one (1) benchmark (vertical control)
- Establish a minimum of five (5) Mobile LiDAR control points (targets) tied to project horizontal and vertical control.

Topographic Survey:

- Topographical survey will be a combination of mobile LiDAR and conventional survey methods and will include all the following existing surface features within survey limits: roads, curbs, drives, sidewalks, buildings, finished floor at thresholds, signs, fences, walls/retaining walls, decorative trees, flowerbeds and all visible drainage structures.
- Pavement Features:

- Pavement markings consisting of the stop bars, crosswalks and lane lines within 100 feet of the intersection will be located and identified.
- Longitudinal pavement joints adjacent to the median curbs will be located and identified.
- Storm sewer manholes, sanitary sewer manholes, water valves and their inverts will be measured for depth within survey limits.
- Surveyor (CEC) will contact "DIGTESS/811", CITY and local ISD for franchise and governmental utility locates. 48 hours prior to survey and the locations will be obtained. Private utilities that are not members of "DIGTESS/811" will not be researched and locates will not be requested by the surveyor (CEC) for these non-members. If utility markers/evidence is found during the survey surveyor (CEC) will attempt to contact the corresponding owner to have them located. All utility information will be placed in the CAD drawing. Surveyor (CEC) is NOT responsible for unmarked or mismarked utilities. Following are utility structures that will be located and identified:
 - Valves
 - Hydrants
 - Manholes
 - Utility poles and appurtenances
 - Illumination poles
 - Electrical service boxes
 - Ground/pull boxes

Right-of-way:

- Research adjoining property lines to identify the right-of-way limits throughout the project.
- Plot the right-of-way along the centerline of surveys throughout the survey limits.
- Plot property deeds and subdivision plats for the properties adjoining the survey limits.
- Have a Right of Way/Easement search conducted through an abstractor/title company and plot any documents received throughout the survey limits.

Survey Deliverables

- Submit a C3D CAD (.dwg) file in NAD 83 datum containing all above described items with proper annotations, as well as the following:
- Surface model with contours at a 1.0' interval
- Control point and benchmark elevation adjustment spreadsheet
- LiDAR point cloud data in LAS format (upon request)
- Onboard horizontal imagery. Surveyor (CEC) will provide link to the Engineer and the City to access imagery via the Web.

TASK 4: CONSTRUCTION ADMINISTRATION

Lee Engineering will review shop drawings submitted by the Contractor, address questions during construction of the signal, and develop record drawings based on red-lines provided by the contractor after construction has been completed. All construction administration services will be performed on an hourly basis.

FEE AND SCHEDULE

Upon receipt of notice to proceed, LEE will schedule a kickoff meeting with the City of Sachse. At this meeting we will develop a submittal schedule for this project. For the purposes of this proposal we have estimated the following schedule:

Task 1, 2 will be completed within sixty (60) working days (excluding agency review time) after receiving notice to proceed and complete electronic base map files from the surveyor or the City of Sachse. We will complete the preliminary layouts of the design plans for City review within forty (40) working days after receiving the electronic files. Final (DRAFT) plans and specification data of the signal design will be submitted within fifteen (15) working days after receiving review comments on the preliminary layout plans. Final signed and sealed plans will be submitted within five (5) working days after receiving comments on final (DRAFT) plans.

Tasks 4 and 5 will be completed on an as needed basis at your request.

The project fees will be billed as described in the table below.

BASIC SERVICES		
Task	Billing Method	Fee
TASK 1: TRAFFIC SIGNAL INSTALLATION DESIGN PLANS	Lump Sum	\$ 16,000.00
TASK 2: PREPARATION OF CONTRACT DOCUMENTS AND BID PHASE SERVICES.	Lump Sum	\$ 4,800.00
BASIC SERVICES TOTAL		\$20,800.00
ADDITIONAL SERVICES		
TASK 3: SURVEY	Lump Sum	\$ 8,000.00
TASK 4: CONSTRUCTION ADMINISTRATION	HOURLY Not to Exceed	\$ 4,000.00
ADDITIONAL SERVICES TOTAL		\$ 12,000.00
TOTAL FEE NOT TO EXCEED (BASIC + ADDITIONAL)		\$ 32,800.00

All work on Task 7 and Task 9, along with any additional services beyond the Scope of Services identified above will be performed on an hourly basis according to the attached terms and conditions dated April 2, 2018.

If you have any questions, please contact me at (972) 248-3006. We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If this agreement meets with your approval, please sign below and return a copy of this letter as notice to proceed.

Sincerely,



Digitally signed by Dharmesh Shah,
PE, PTOE
DN: cn=Dharmesh Shah, PE, PTOE,
o=Lee Engineering, LLC, ou,
email=dshah@lee-eng.com, c=US
Date: 2019.02.08 16:54:56 -06'00'

Dharmesh M. Shah, P.E., PTOE
Vice President
Lee Engineering L.L.C.

Accepted:

City of Sachse

Date

**Lee Engineering
Terms and Conditions
April 2, 2018**

MA
4/2/18

Additional services as authorized by you will be performed at the following rates:

Principal	\$250.00/per hour
Senior Project Manager	\$210.00/per hour
Project Manager	\$170.00/per hour
Senior Program Manager	\$210.00/per hour
Program Manager	\$170.00/per hour
Senior Engineer	\$160.00/per hour
Project Engineer	\$135.00/per hour
Sr. Engineering Designer	\$115.00/per hour
Engineering Designer	\$100.00/per hour
Senior ITS System Designer	\$175.00/per hour
ITS System Designer	\$130.00/per hour
Senior Technician	\$100.00/per hour
Technician	\$ 75.00/per hour
Admin Assistant/Accountant	\$ 75.00/per hour
Secretarial	\$ 50.00/per hour
Intern	\$ 45.00/per hour
Highway travel	IRS Allowable Rate
Meals, lodging, air fares	out-of-pocket costs
Other Direct Expenses	at cost

TERMS AND CONDITIONS:

1. Invoices will be submitted monthly.
2. Invoices are due and payable when received.
3. Interest at the rate of 1.5% per month will be applied to invoices not paid within 30 days of initial billing date.
4. We reserve the right to cease work on delinquent accounts.
5. We reserve the right to bill for expenses related to project delays caused by contracting party.
6. Contracting party is responsible for paying all fees and expenses associated with all activities related to an engagement. Credit will be given for payments received directly from clients of the contracting party or from others.
7. The retainer fee will be credited against fee with the final invoice.
8. In addition to invoices rendered and interest thereon, contracting party agrees to pay any and all legal fees and costs incurred in collecting overdue accounts.
9. Rates are subject to change annually. Work performed in subsequent years will be charged at the adjusted rates.
10. Draft reports are for review purposes only and are not to be released to any entity that is not party to this agreement.
11. Extra copies of reports will be billed at \$10.00 per copy.
12. All contracts shall be subject to the laws of the State of Arizona.

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS, APPROVING THE TERMS AND CONDITIONS OF A PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF SACHSE, TEXAS, AND LEE ENGINEERING; AUTHORIZING ITS EXECUTION BY THE CITY MANAGER; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council has been presented with a proposed Agreement for Professional Services (herein the "Agreement") between the City of Sachse, Texas, and Lee Engineering for engineering services related to the engineering design of pedestrian crossings and traffic signal improvements, and being further described in Exhibit "A" attached hereto; and

WHEREAS, upon full review and consideration of the Agreement, and all matters related thereto, the City Council is of the opinion and finds that the terms and conditions thereof should be approved, and that the City Manager should be authorized to execute the Agreement on behalf of the City of Sachse, Texas;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS, THAT:

SECTION 1. The terms, provisions, and conditions of the Agreement for Professional Services, a copy of which is attached hereto as Exhibit "A", be and the same are hereby approved.

SECTION 2. The City Manager is hereby authorized to execute the Agreement for Professional Services on behalf of the City, and any amendments or other instruments related thereto.

SECTION 3. This Resolution shall take effect immediately from and after its passage, and it is, accordingly, so resolved.

DULY RESOLVED AND ADOPTED by the City Council of the City of Sachse, Texas,
this ____ day of _____, 2019.

CITY OF SACHSE, TEXAS

Mike J. Felix, Mayor

ATTEST:

Michelle Lewis Sirianni, City Secretary

Exhibit “A”
Agreement for Professional Services
(to be attached)

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

AGREEMENT FOR PROFESSIONAL SERVICES

This agreement (“Agreement”) is made by and between the City of Sachse, Texas (“City”) and Lee Engineering (the “Professional”) (each a “Party” and collectively the “Parties”), acting by and through their authorized representatives.

Recitals:

WHEREAS, City desires to engage the services of Professional as an independent contractor and not as an employee in accordance with the terms and conditions set forth in this Agreement; and

WHEREAS, Professional desires to render engineering services for the engineering design of traffic signal improvements at the intersection of Ingram Road and Dewitt Road, as set forth in Exhibit “A”, (the “Project”) in accordance with the terms and conditions set forth in this Agreement;

NOW THEREFORE, in exchange for the mutual covenants set forth herein and other valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the parties agree as follows:

Article I
Term

1.1 This term of this Agreement shall begin on the last date of execution hereof (the “Effective Date”) and continue until completion of the services provided herein.

1.2 Either party may terminate this Agreement by giving thirty (30) days prior written notice to the other party. In the event of such termination, Professional shall be entitled to compensation for any services completed to the reasonable satisfaction of the City in accordance with this Agreement prior to such termination.

Article II
Scope of Services

2.1 Professional shall provide the services specifically set forth in Exhibit “A.”

2.2 The Parties acknowledge and agree that any and all opinions provided by Professional represent the best judgment of Professional.

2.3 Preliminary design documents, construction documents, specifications, estimates, and other documents, including those in electronic form, prepared by Professional and its consultants, agents, representatives, and/or employees in connection with the Project are intended

for the use and benefit of the City. Professional and its consultants, agents, representatives, and/or employees shall be deemed the authors of their respective part of said Project documents. Notwithstanding, City shall own, have, keep and retain all rights, title and interest in and to all Project documents, including all ownership, common law, statutory, and other reserved rights, including copyrights, in and to all such Project documents, whether in draft form or final form, which are produced at its request and in furtherance of this Agreement or the Project. City shall have full authority to authorize the Contractor, Subcontractors, Sub-subcontractors, City consultants, and material or equipment suppliers to reproduce applicable portions of the Project documents to and for use in their execution of the work or for any other purpose. All materials and reports prepared by Professional in connection with this Agreement are “works for hire” and shall be the property of the City. City shall have the right to publish, disclose, distribute and otherwise use such materials and reports in accordance with the Engineering Practice Act of the State of Texas. Professional shall upon completion of the services, or earlier termination, provide the City with reproductions of all materials reports, and exhibits prepared by Professional pursuant to this Agreement, and in electronic format if requested by the City.

Article III Schedule of Work

Professional agrees to commence services upon written direction from City and to complete the required services in accordance with the schedule set forth in Exhibit “A” (the “Work Schedule”).

Article IV Compensation and Method of Payment

4.1 City shall compensate Professional as set forth in Exhibit “A” in a total amount not to exceed Thirty Two Thousand Eight Hundred Dollars and No Cents (\$32,800.00).

4.2 Professional shall be responsible for all expenses related to the services provided pursuant to this Agreement including, but not limited to, travel, copying and facsimile charges, reproduction charges, and telephone, internet and e-mail charges.

Article V Devotion of Time; Personnel; and Equipment

5.1 Professional shall devote such time as reasonably necessary for the satisfactory performance of the work under this Agreement. Should the City require additional services not included under this Agreement, Professional shall make reasonable efforts to provide such additional services at mutually agreed charges or rates, and within the time schedule prescribed by the City, and without decreasing the effectiveness of the performance of services required under this Agreement.

5.2 To the extent reasonably necessary for Professional to perform the services under this Agreement, Professional shall be authorized to engage the services of any agents, assistants,

persons, or corporations that Professional may deem proper to aid or assist in the performance of the services under this Agreement. The cost of such personnel and assistance shall be borne exclusively by Professional.

5.3 Professional shall furnish the facilities, equipment, telephones, facsimile machines, email facilities, and personnel necessary to perform the services required under this Agreement unless otherwise provided herein.

Article VI Relationship of Parties

It is understood and agreed by and between the parties that in satisfying the conditions of this Agreement, Professional is acting independently, and that City assumes no responsibility or liabilities to any third party in connection with these actions. All services to be performed by Professional pursuant to this Agreement shall be in the capacity of an independent contractor, and not as an agent or employee of the City. Professional shall supervise the performance of its services and shall be entitled to control the manner and means by which its services are to be performed, subject to the terms of this Agreement. As such, City shall not: train Professional, require Professional to complete regular oral or written reports, require that Professional devote its full-time services to the City, or dictate Professional's sequence of work or location at which Professional performs its work.

Article VII Insurance

- (a) Professional shall during the term hereof maintain in full force and effect the following insurance: (i) a comprehensive general liability policy of insurance for bodily injury, death and property damage insuring against all claims, demands or actions relating to Professional's performance of services pursuant to this Agreement with a minimum combined single limit of not less than \$1,000,000.00 per occurrence for injury to persons (including death), and for property damage; (ii) policy of automobile liability insurance covering any vehicles owned and/or operated by Professional, its officers, agents, and employees, and used in the performance of this Agreement with policy limits of not less than \$500,000.00 combined single limit and aggregate for bodily injury and property damage; (iii) statutory Worker's Compensation Insurance at the statutory limits and Employers Liability covering all of Professional's employees involved in the provision of services under this Agreement with policy limit of not less than \$500,000.00; and (iv) Professional Liability covering negligent acts, errors and omissions in the performance of professional services with policy limit of not less than \$2,000,000.00 per claim and \$2,000,000.00 in the aggregate.
- (b) All policies of insurance shall be endorsed and contain the following provisions: (1) name the City, its officers, and employees as additional insureds as to all applicable coverage with the exception of Workers Compensation Insurance and Professional Liability; and (2) provide for at least thirty (30) days prior written notice to the City

for cancellation of the insurance; (3) provide for a waiver of subrogation against the City for injuries, including death, property damage, or any other loss to the extent the same is covered by the proceeds of insurance, except for Professional Liability Insurance. Professional shall provide written notice to the City of any material change of or to the insurance required herein.

- (c) All insurance companies providing the required insurance shall be authorized to transact business in Texas and rated at least "A" by AM Best or other equivalent rating service.
- (d) A certificate of insurance and copies of the policy endorsements evidencing the required insurance shall be submitted prior to commencement of services and upon written request of the City.

Article VIII Miscellaneous

8.1 Entire Agreement. This Agreement constitutes the sole and only agreement between the parties and supersedes any prior understandings, written or oral agreements between the parties with respect to this subject matter.

8.2 Authorization. Each party represents that it has full capacity and authority to grant all rights and assume all obligations granted and assumed under this Agreement.

8.3 Assignment. Professional may not assign this Agreement in whole or in part without the prior written consent of City. In the event of an assignment by Professional to which the City has consented, the assignee shall agree in writing with the City to personally assume, perform, and be bound by all the covenants, and obligations contained in this Agreement.

8.4 Successors and Assigns. Subject to the provisions regarding assignment, this Agreement shall be binding on and inure to the benefit of the parties to it and their respective heirs, executors, administrators, legal representatives, successors and assigns.

8.5 Governing Law. The laws of the State of Texas shall govern this Agreement; and venue for any action concerning this Agreement shall be in the State District Court of Dallas County, Texas. The parties agree to submit to the personal and subject matter jurisdiction of said court.

8.6 Amendments. This Agreement may be amended by the mutual written agreement of the parties.

8.7 Severability. In the event any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality or unenforceability shall not effect any other provisions, and the Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

8.8 Survival of Covenants. Any of the representations, warranties, covenants, and obligations of the parties, as well as any rights and benefits of the parties, pertaining to a period of time following the termination of this Agreement shall survive termination.

8.9 Recitals. The recitals to this Agreement are incorporated herein.

8.10 Notice. Any notice required or permitted to be delivered hereunder may be sent by first class mail, overnight courier or by confirmed telefax or facsimile to the address specified below, or to such other party or address as either party may designate in writing, and shall be deemed received three (3) days after delivery set forth herein:

If intended for City:

Gina Nash
City Manager
City of Sachse, Texas
3915-B Sachse Road
Sachse, Texas 75048

With Copy to:

Peter G. Smith
Nichols, Jackson, Dillard, Hager & Smith, L.L.P.
1800 Ross Tower
500 North Akard
Dallas, Texas 75201

If intended for Professional:

Joseph T. Short, P.E., PTOE
President
Lee Engineering
3030 LBJ Freeway, Suite 1660
Dallas, TX 75234

8.11 Counterparts. This Agreement may be executed by the parties hereto in separate counterparts, each of which when so executed and delivered shall be an original, but all such counterparts shall together constitute one and the same instrument. Each counterpart may consist of any number of copies hereof each signed by less than all, but together signed by all of the parties hereto.

8.12 Exhibits. The exhibits attached hereto are incorporated herein and made a part hereof for all purposes.

8.13 Indemnification. **CITY SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE, OR INJURY OF ANY KIND OR CHARACTER TO ANY PERSON OR PROPERTY ARISING FROM THE SERVICES OF PROFESSIONAL PURSUANT TO THIS AGREEMENT. PROFESSIONAL HEREBY WAIVES ALL CLAIMS AGAINST CITY, ITS OFFICERS, AGENTS AND EMPLOYEES (COLLECTIVELY REFERRED TO IN THIS SECTION AS "CITY") FOR DAMAGE TO ANY PROPERTY OR INJURY TO, OR DEATH OF, ANY PERSON ARISING AT ANY TIME AND FROM ANY CAUSE OTHER THAN THE NEGLIGENCE OR WILLFUL MISCONDUCT OF CITY. PROFESSIONAL AGREES TO INDEMNIFY AND SAVE HARMLESS CITY FROM AND AGAINST ANY AND ALL LIABILITIES, DAMAGES, CLAIMS, SUITS, COSTS**

(INCLUDING COURT COSTS, ATTORNEYS' FEES AND COSTS OF INVESTIGATION) AND ACTIONS BY REASON OF INJURY TO OR DEATH OF ANY PERSON OR DAMAGE TO OR LOSS OF PROPERTY TO THE EXTENT CAUSED BY PROFESSIONAL'S NEGLIGENT PERFORMANCE OF SERVICES UNDER THIS AGREEMENT OR BY REASON OF ANY ACT OR OMISSION ON THE PART OF PROFESSIONAL, ITS OFFICERS, DIRECTORS, SERVANTS, AGENTS, EMPLOYEES, REPRESENTATIVES, CONTRACTORS, SUBCONTRACTORS, LICENSEES, SUCCESSORS OR PERMITTED ASSIGNS (EXCEPT WHEN SUCH LIABILITY, CLAIMS, SUITS, COSTS, INJURIES, DEATHS OR DAMAGES ARISE FROM OR ARE ATTRIBUTED TO SOLE NEGLIGENCE OF THE CITY). IF ANY ACTION OR PROCEEDING SHALL BE BROUGHT BY OR AGAINST CITY IN CONNECTION WITH ANY SUCH LIABILITY OR CLAIM, PROFESSIONAL, ON NOTICE FROM CITY, SHALL DEFEND SUCH ACTION OR PROCEEDINGS AT PROFESSIONAL'S EXPENSE, BY OR THROUGH ATTORNEYS REASONABLY SATISFACTORY TO CITY. PROFESSIONAL'S OBLIGATIONS UNDER THIS SECTION SHALL NOT BE LIMITED TO THE LIMITS OF COVERAGE OF INSURANCE MAINTAINED OR REQUIRED TO BE MAINTAINED BY PROFESSIONAL UNDER THIS AGREEMENT. THIS PROVISION SHALL SURVIVE THE TERMINATION OF THIS AGREEMENT.

8.14 Audits and Records. Professional agrees that during the term hereof the City and its representatives may, during normal business hours and as often as deemed necessary, inspect, audit, examine and reproduce any and all of Professional's records relating to the services provided pursuant to this Agreement for a period of one year following the date of completion of services as determined by the City or date of termination if sooner.

8.15 Conflicts of Interests. Professional represents that no official or employee of the City has any direct or indirect pecuniary interest in this Agreement.

[Signature page to follow]

EXECUTED this _____ day of _____, 2019.

City of Sachse, Texas

By: _____

Gina Nash, City Manager

Approved as to form:

By: _____

Joseph Gorfida, City Attorney

EXECUTED this _____ day of _____, 2019.

Lee Engineering

By: _____

Joseph T. Short, President

**EXHIBIT “A”
SCOPE OF SERVICES**

**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	6. Regular Agenda Items
Subject	C. Consider a resolution approving a purchase order in the amount not to exceed \$235,000.00 to McMahon Contracting LP for the Sachse Community Center parking lot paving improvement project.
Access	Public
Type	Action
Preferred Date	Feb 18, 2019
Absolute Date	Feb 18, 2019
Fiscal Impact	Yes
Budgeted	Yes
Budget Source	General Fund - General Obligation Bonds
Recommended Action	Approve as presented.

Public Content**BACKGROUND**

The City Council previously approved purchase orders for the Community Center Paving project to McMahon Contracting, LP, in an amount not to exceed \$200,000.00.

OVERVIEW

This item is to revise the purchase orders to include additional storm drainage scope and landscaping work, including the relocation of existing irrigation systems on the City property.

These items were removed from the utility contractor's scope so there is no net increase to the overall project budget. Staff will process a deduct change order for the utility contract with a reduction in budget of \$34,077, which is equal to this contract increase.

POLICY CONSIDERATIONS

The project is funded through the General Fund — General Obligation Bonds for the Sachse Community Center.

RECOMMENDATION

Staff recommends approval of the resolution as presented.

Sachse Revised Resolution for Revised Purchase Orders to McMahon Contracting (3)-LR Final.docx (15 KB)

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS, APPROVING A PURCHASE ORDER IN THE AMOUNT NOT TO EXCEED TWO HUNDRED THIRTY-FIVE THOUSAND DOLLARS (\$235,000.00) TO MCMAHON CONTRACTING, L.P., FOR THE SACHSE COMMUNITY CENTER PARKING LOT PAVING IMPROVEMENT PROJECT; AUTHORIZING ITS EXECUTION BY THE CITY MANAGER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City's Capital Improvement Plan includes the Sachse Community Center; and

WHEREAS, Chapter 791 of the Texas Government Code, also known as the Interlocal Cooperation Act, and Chapter 271.102 of the Texas Local Government Code authorizes all local governments to contract with each other to perform governmental functions or services including administrative functions normally associated with the operation of government such as purchasing of necessary equipment, goods and services; and

WHEREAS, the City Council of the City of Sachse, Texas has approved the Master Interlocal Cooperative Purchasing Agreement with the City of Grand Prairie for the purchase of necessary equipment, goods and services (Resolution No. 3360); and

WHEREAS, the City of Sachse desires to utilize contract pricing from the City of Grand Prairie Bid 11099 for Paving Services with McMahon Contracting, L.P. for the Sachse Community Center; and

WHEREAS, Purchase Orders were previously approved by the City Council for said paving services not to exceed \$200,000.00; and

WHEREAS, due to a change in scope of the project, an additional sum of \$34,077.00 is required to be added to the Purchase Orders to include additional storm drain improvements and landscaping work including the relocation of irrigation lines; and

WHEREAS, the previously approved Purchase Orders need to be authorized for revision by the City Council for said paving services and the City Manager should be authorized to execute said Purchase Order not to exceed \$235,000.00.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS;

SECTION 1: That the City Council hereby approves a Purchase Order for paving improvements and authorizes the City Manager to execute said Purchase Orders not to exceed two hundred thirty-five thousand dollars (\$235,000.00).

SECTION 2: That this resolution shall become effective immediately upon its passage.

DULY RESOLVED AND APPROVED this ____ day of February 2019.

CITY OF SACHSE, TEXAS

Mike J. Felix, Mayor

ATTEST:

Michelle Lewis Sirianni, City Secretary



Agenda Item Details

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	6. Regular Agenda Items
Subject	D. Consider approval of a resolution approving a professional services agreement with Halff & Associates, Incorporated, in the amount of two million, one hundred twelve thousand (\$2,112,000.00) for the design of the Merritt Road expansion project.
Access	Public
Type	Action
Preferred Date	Feb 18, 2019
Absolute Date	Feb 18, 2019
Fiscal Impact	Yes
Dollar Amount	2,112,000.00
Budgeted	Yes
Budget Source	General Fund - Certificates of Obligation
Recommended Action	Approve a resolution approving a professional services agreement with Halff & Associates, Incorporated, in the amount of two million, one hundred twelve thousand (\$2,112,000.00) for the design of the Merritt Road expansion project.
Goals	Strategically invest in the City's existing and future infrastructure.

Public Content

BACKGROUND

The City of Sachse has a major Capital Improvement Project for the widening and re-alignment of Merritt Road. This item is to award a professional services agreement to the design team for the project.

OVERVIEW

The Merritt Road project is the result of several years of hard work by the City Council, staff, and other community partners. The City was able to work with the North Central Texas Council of Governments, TxDOT, and Dallas County to create a partnership whereby the City will be able to design and construct the \$20 million roadway improvement project, with 20% of the total funding coming from the City. This will save taxpayers' dollars and also improves quality of life for Sachse residents. The City, as a recipient of external funding, was required to adhere to all TxDOT and federal guidelines. In some cases, adherence to these guidelines extended the overall timeline for this project.

Due to the roadway, drainage, and utility issues involved in the scope, the project is very complex and will require a wide range of approvals from the State and Federal governments throughout the process. The City anticipates beginning the environmental assessment and engineering schematics next month, with the goal of moving the project to construction in late 2020.

The primary benefits of this project are:

- Removing the dangerous off-set intersection of Merritt Road and Woodbridge Parkway at Sachse Road;
- Resolving the flood problems on Merritt Road, which is closed annually to traffic when flood waters overtop the existing road;

- Signalizing intersections, providing turn lanes, and additional vehicle capacity, so that citizens who live on Merritt Road can safely get to and from their homes;
- A shared use hike/bike path which will improve connectivity to and from our neighborhoods, Heritage Park, and the PGBT development area;
- Significantly reduce congestion at the Merritt/Sachse Road intersection, which can back up all the way to Wylie in the mornings; and,
- Improving transit to and from the PGBT development corridor, where the City has a master plan for a high quality mixed-use commercial/retail development.

The City completed a request for proposal process (RFP) in accordance with State requirements. Eight consulting teams submitted for the project and four were selected for interviews. At the end of the RFP process, it was determined that the team led by Halff & Associates, Incorporated was the most qualified to complete this very important project.

The scope for the consultant team professional agreement totals \$2,112,000 in cost, which includes a very lengthy scope detailed in the attached "Project Detailed Scope" document. In addition, a Fee Summary is also provided.

POLICY CONSIDERATIONS

The project is funded through Certificates of Obligation through the City of Sachse General Fund, along with State and Federal funding.

RECOMMENDATION

Staff recommends approval of a resolution approving a professional services agreement with Halff & Associates, Incorporated, in the amount of two million, one hundred twelve thousand (\$2,112,000.00) for the design of the Merritt Road expansion project.

Professional Services Agreement (1)-LR.doc (57 KB)

Project Detailed Scope (1)-LR.docx (64 KB)

Fee Summary.docx (30 KB)

Resolution for Award of Merritt Road Design-LR.docx (14 KB)

Presentation - Award Merritt Road Design-Final-LR.pptx (270 KB)

Merritt Road Design

CITY COUNCIL

February 18, 2019



Overview

- Background and Timeline
- Project Map
- NCTCOG Coordination
- TxDOT Coordination
- Funding Overview
- Consultant Selection Process
- Staff Recommendations
- Next Steps

Background/Timeline

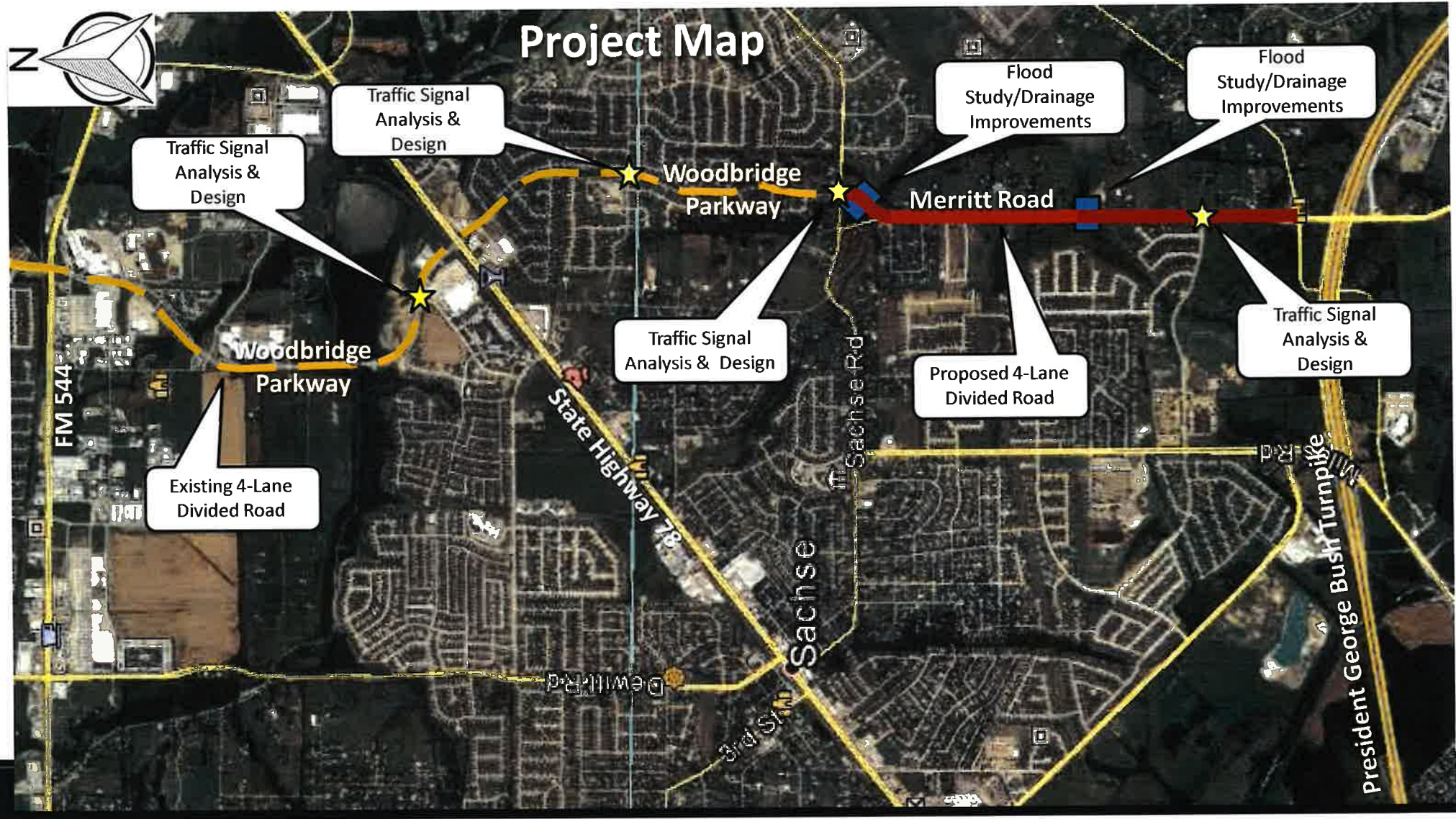
- March 2017 – City Council adopted Comprehensive Plan. In the plan, alignment of Merritt Road is recommended for safety and mobility needs as well as for future development on the PGBT.
- April 2017 – Staff approached the North Central Texas Council of Governments (NCTCOG) regarding a funding partnership to align Merritt Road with Woodbridge Parkway as well as widen and rebuild Merritt Road to the PGBT.
- Spring/Summer 2017 – Worked with NCTCOG to develop project scope, funding mechanisms.
- September 2017 – City Council approved Certificates of Obligation to fund the alignment of Merritt Road and Woodbridge Parkway.

Background/Timeline

- December 2017 – NCTCOG proposed to the City Council for the NCTCOG to potentially coordinate state/federal funding to pay for 80% of the entire project (alignment and concrete four lane divided roadway). City Council approved to move forward.
 - April 2018/May 2018 – NCTCOG Surface Transportation Technical Committee (STTC) Review and Approval of funding.
 - May 2018/June 2018 – NCTCOG Regional Transportation Council (RTC) Review and Approval of funding.
 - May 2018 – Addition of Project to State Transportation Implementation Plan (STIP) to obtain state and federal funding.
- 

Background/Timeline

- July 2018 – City Council approved Advance Funding Agreement (AFA) with TxDOT to formally enter funding partnership.
 - Summer 2018 – Development of request for qualifications (RFQ) for engineering, environmental, right-of-way and land surveying in coordination with TxDOT standards and procedures.
 - Fall 2018 – Review, interview and selection of consultant.
 - Government shutdown stalled approval process by Federal Highway Administration.
 - February 2019 – Received Notice to Proceed from TxDOT.
- 



NCTCOG Coordination

- Staff has been regularly attending the Regional Transportation Council and Surface Transportation Technical Committee meetings in Arlington as the project has gone through the NCTCOG and state processes.
- Staff will continue to attend and monitor RTC and STTC meetings, and coordinate with NCTCOG staff as the project moves forward, particularly as phased project funding is reviewed and approved by the RTC.

TxDOT Coordination

- The Federal Highway Administration (FHWA) is a stakeholder in the project since federal funds are involved. As such, TxDOT will be the reviewing authority for all processes as the project moves through environmental clearance, right-of-way, engineering design, and construction.
- Staff has been meeting and coordinating regularly with TxDOT staff over the past 7 months, and is working on processing all of the documents that TxDOT requires to formally begin a major transportation project.
- The project has been added to the 2045 State Transportation Improvement Plan, which was approved by the Federal Highway Administration this month.
- TxDOT issued a notice to proceed for the project on February 7, 2019, allowing staff to present this item tonight for the City Council to consider awarding the design contract.

Funding Overview

- NCTCOG and TxDOT have approved the necessary funding for environmental analysis, engineering design, land surveying, right-of-way, and utility relocation.
- The consultant team work will be funded through Funding Phase 1, which includes a mix of City and State/Federal funds totaling \$3,959,986.00.
- Future funding will be released for the project as we move closer to final construction documents.

Consultant Selection Process

- Staff initiated an RFQ process (Request for qualifications), in order to identify the most qualified professional team to hire to complete the engineering, environmental, right-of-way, and land survey services needed for the project.
- Eight teams submitted an SOQ (Statement of Qualifications) for the project. Staff reviewed each SOQ and selected the 4 highest scoring teams to interview.
- After interviewing the top 4 teams, staff has determined that the team led by Halff & Associates, Inc. is the most qualified team to complete the project.

Staff Recommendations

- In the RFQ/SOQ process, staff identified Halff & Associates, Incorporated as the most qualified firm to complete the needed professional engineering, environmental, right-of-way, and land surveying services required for the project.
- Staff recommends approval of a resolution awarding the agreement for professional services on the Merritt Road Improvement project to Halff & Associates, Inc., in the amount of \$2,112,000.00.

Next Steps

- Staff plans to kick-off the design phase of the project immediately, with the environmental analysis being the first step in the process.
 - Currently, it is estimated that construction will start in late 2020 due to the environmental process, floodplain design/review process, bridge design, and the approval process for constructing a new road adjacent to an existing cemetery. The actual start date for construction will be better understood as the project continues through the Federal and State processes. As the timeline clarifies, this information will be provided in future City Council updates.
 - Staff will return to the City Council in early Summer with an update on the project, and will continue to provide updates as the project goes through the TxDOT process.
 - In addition, staff will bring back agenda items to the City Council for funding approval of future phases as additional federal funding is released for the project.
- 

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS, APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH HALFF & ASSOCIATES, INCORPORATED FOR THE DESIGN OF THE MERRITT ROAD EXPANSION PROJECT; AUTHORIZING THE CITY MANAGER TO EXECUTE SUCH AGREEMENT IN A FORM APPROVED BY THE CITY ATTORNEY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, it is necessary for the City to contract with a team of professional service companies for the design of the expansion of Merritt Road; and

WHEREAS, the project is listed as a project in the 2018-2019 City of Sachse Capital Improvement Plan, and approved by TxDOT as CSJ# 0918-47-240; and

WHEREAS, the City has previously identified the primary funding source for City-required project funds to be the Certificates of Obligation as approved by the City Council; and

WHEREAS, the City has conducted a Request for Qualifications process in accordance with TxDOT requirements and has determined that the team lead by Halff & Associates, Incorporated to be the most qualified team for the project; and

WHEREAS, the City Council of the City of Sachse, Texas desires to approve the professional services agreement with Halff & Associates, Incorporated in the amount of \$2,112,000.00.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS;

SECTION 1: That the professional services agreement by and between the City of Sachse and Halff & Associates, Incorporated is hereby approved.

SECTION 2: That the City Manager is authorized, after approval of the City Attorney, to execute the agreement with Halff & Associates, Incorporated.

SECTION 3: That this resolution shall take effect immediately from and upon its adoption and it is so resolved.

DULY RESOLVED AND APPROVED this ____ day of February 2019.

CITY OF SACHSE, TEXAS

Mike J. Felix, Mayor

ATTEST:

Michelle Lewis Sirianni, City Secretary

STATE OF TEXAS §
§ **AGREEMENT FOR PROFESSIONAL SERVICES**
COUNTY OF DALLAS §

This agreement (“Agreement”) is made by and between the City of Sachse, Texas (“City”) and Halff Associates, Inc. (the “Professional”) acting by and through their authorized representatives.

Recitals:

WHEREAS, the City desires to engage the services of Professional as an independent contractor and not as an employee in accordance with the terms and conditions set forth in this Agreement; and

WHEREAS, the Professional desires to render professional services for the City for engineering analysis and design related to the improvement of Merritt Road/Woodbridge Parkway from Pleasant Valley Road to Creek Crossing Lane, also known as TxDOT CSJ 0918-47-240 (the “Project”) in accordance with the terms and conditions set forth in this Agreement;

NOW THEREFORE, in exchange for the mutual covenants set forth herein and other valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the parties agree as follows:

Article I
Term

1.1 The term of this Agreement shall begin on the last date of execution hereof (the “Effective Date”) and continue until completion of the services provided herein.

1.2 Either party may terminate this Agreement by giving thirty (30) days prior written notice to the other party. In the event of such termination, the Professional shall be entitled to compensation for any services completed to the reasonable satisfaction of the City in accordance with this Agreement prior to such termination.

Article II
Scope of Services

2.1 The Professional shall provide the services specifically set forth in Exhibit “A.”

2.2 The parties acknowledge and agree that any and all opinions provided by the Professional represent the professional opinion and judgment of the Professional.

2.3 Schematic Design Documents, Design Development Documents, Contract Documents, drawings, plans, specifications and other documents, including those in electronic form, prepared by the Professional and its consultants, agents, representatives, and/or employees in

connection with the Project are intended for the use and benefit of the City. The Professional and its consultants, agents, representatives, and/or employees shall be deemed the authors of their respective part of said Project documents. Notwithstanding, the City shall own, have, keep and retain all rights, title and interest in and to all Project documents, including all ownership, common law, statutory, and other reserved rights, including copyrights, in and to all such Project documents, whether in draft form or final form, which are produced at its request and in furtherance of this Agreement or the Project. The City shall have full authority to authorize the Contractor, Subcontractors, Sub-subcontractors, City consultants, and material or equipment suppliers to reproduce applicable portions of the Project documents to and for use in their execution of the work or for any other purpose. All final materials and reports prepared by the Professional in connection with this Agreement are "works for hire" and shall be the property of the City. The City shall have the right to publish, disclose, distribute and otherwise use such materials and reports in accordance with the Engineering Practice Act of the State of Texas. Professional shall, upon completion of the services, or earlier termination, provide the City with reproductions of all materials reports, and exhibits prepared by Professional pursuant to this Agreement, and in electronic format if requested by the City.

Article III Schedule of Work

The Professional agrees to commence services upon written direction from the City and to complete the required services in accordance with a work schedule established by the City (the "Work Schedule").

Article IV Compensation and Method of Payment

4.1 The City shall compensate the Professional for the services by payment of a fee not to exceed two million one hundred twelve thousand (\$2,112,000.00) without the City's prior written approval.

4.2 The Professional shall be responsible for all expenses related to the services provided pursuant to this Agreement including, but not limited to, travel, copying and facsimile charges, reproduction charges, and telephone, internet and e-mail charges.

Article V Devotion of Time; Personnel; and Equipment

5.1 The Professional shall devote such time as reasonably necessary for the performance of the work under this Agreement. Should the City require additional services not included under this Agreement, the Professional shall make reasonable efforts to provide such additional services at mutually agreed charges or rates, and within the time schedule prescribed by the City, and without decreasing the effectiveness of the performance of services required under this Agreement.

5.2 To the extent reasonably necessary for the Professional to perform the services under this Agreement, the Professional shall be authorized to engage the services of any agents,

assistants, persons, or corporations that the Professional may deem proper to aid or assist in the performance of the services under this Agreement. The cost of such personnel and assistance shall be borne exclusively by the Professional.

5.3 The Professional shall furnish the facilities, equipment, telephones, facsimile machines, email facilities, and personnel necessary to perform the services required under this Agreement unless otherwise provided herein.

Article VI Relationship of Parties

It is understood and agreed by and between the parties that in satisfying the conditions of this Agreement, the Professional is acting independently, and that City assumes no responsibility or liabilities to any third party in connection with these actions. All services to be performed by Professional pursuant to this Agreement shall be in the capacity of an independent contractor, and not as an agent or employee of City. Professional shall supervise the performance of its services and shall be entitled to control the manner and means by which its services are to be performed, subject to the terms of this Agreement. As such, City shall not: train the Professional, require the Professional to complete regular oral or written reports, require that Professional devote his full-time services to City, or dictate the Professional's sequence of work or location at which the Professional performs his work.

Article VII Insurance

7.1 Professional shall during the term hereof maintain in full force and effect the following insurance: (1) a policy of insurance for bodily injury, death and property damage insuring against all claims, demands or actions relating to the Professional's performance of services pursuant to this Agreement with a minimum combined single limit of not less than \$1,000,000.00 Dollars per occurrence for injury to persons (including death), and for property damage; (2) policy of automobile liability insurance covering any vehicles owned and/or operated by Professional, its officers, agents, and employees, and used in the performance of this Agreement; (3) statutory Worker's Compensation Insurance covering all of Professional's employees involved in the provision of services under this Agreement; and (4) Professional Liability Insurance with limits of \$1,000,000 per claim and \$1,000,000 aggregate.

7.2 All insurance and certificate(s) of insurance shall contain the following provisions: (1) name the City, its officers, agents and employees as additional insureds as to all applicable coverage with the exception of Workers Compensation Insurance and Professional Liability Insurance; (2) provide for at least thirty (30) days prior written notice to the City for cancellation, non-renewal, or material change of the insurance; and (3) provide for a waiver of subrogation against the City for injuries, including death, property damage, or any other loss to the extent the same is covered by the proceeds of insurance.

7.3 All insurance companies providing the required insurance shall either be authorized to transact business in Texas and rated at least "B" by AM Best or other equivalent rating service, or approved by the City Manager.

7.4 A certificate of insurance evidencing the required insurance shall be submitted to the City prior to commencement of services.

Article VIII Miscellaneous

8.1 Entire Agreement. This Agreement constitutes the sole and only agreement between the parties and supersedes any prior understandings, written or oral agreements between the parties with respect to this subject matter.

8.2 Authorization. Each party represents that it has full capacity and authority to grant all rights and assume all obligations granted and assumed under this Agreement.

8.3 Assignment. The Professional may not assign this Agreement in whole or in part without the prior written consent of City. In the event of an assignment by the Professional to which the City has consented, the assignee shall agree in writing with the City to personally assume, perform, and be bound by all the covenants, and obligations contained in this Agreement.

8.4 Successors and Assigns. Subject to the provisions regarding assignment, this Agreement shall be binding on and inure to the benefit of the parties to it and their respective heirs, executors, administrators, legal representatives, successors and assigns.

8.5 Governing Law. The laws of the State of Texas shall govern this Agreement; and venue for any action concerning this Agreement shall be in the State District Court of Dallas County, Texas. The parties agree to submit to the personal and subject matter jurisdiction of said court.

8.6 Amendments. This Agreement may be amended by the mutual written agreement of the parties.

8.7 Severability. In the event any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality or unenforceability shall not effect any other provisions, and the Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

8.8 Survival of Covenants. Any of the representations, covenants, and obligations of the parties, as well as any rights and benefits of the parties, pertaining to a period of time following the termination of this Agreement shall survive termination.

8.9 Recitals. The recitals to this Agreement are incorporated herein.

8.10 Notice. Any notice required or permitted to be delivered hereunder may be sent by first class mail, overnight courier or by confirmed telefax or facsimile to the address specified below, or to such other party or address as either party may designate in writing, and shall be deemed received three (3) days after delivery set forth herein:

If intended for City:
Gina Nash
City Manager
City of Sachse, Texas
3915-B Sachse Road
Sachse, Texas 75048

With Copy to:
Peter G. Smith
Nichols, Jackson, Dillard, Hager & Smith, L.L.P.
1800 Ross Tower
500 North Akard
Dallas, Texas 75201

If intended for Professional:

L. Daniel Tanksley
Halff Associates, Inc.
General Counsel
1201 N. Bowser Road
Richardson, Texas 75081

8.11 Counterparts. This Agreement may be executed by the parties hereto in separate counterparts, each of which when so executed and delivered shall be an original, but all such counterparts shall together constitute one and the same instrument. Each counterpart may consist of any number of copies hereof each signed by less than all, but together signed by all of the parties hereto.

8.12 Exhibits. The exhibits attached hereto are incorporated herein and made a part hereof for all purposes.

8.13 Indemnification. City SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE, OR INJURY OF ANY KIND OR CHARACTER TO ANY PERSON OR PROPERTY TO THE EXTENT ARISING FROM THE SERVICES OF THE PROFESSIONAL PURSUANT TO THIS AGREEMENT. PROFESSIONAL HEREBY WAIVES ALL CLAIMS AGAINST CITY, ITS OFFICERS, AGENTS AND EMPLOYEES (COLLECTIVELY REFERRED TO IN THIS SECTION AS "CITY") FOR DAMAGE TO ANY PROPERTY OR INJURY TO, OR DEATH OF, ANY PERSON ARISING AT ANY TIME AND FROM ANY CAUSE OTHER THAN THE NEGLIGENCE OR WILLFUL MISCONDUCT OF CITY OR BREACH OF THE CITY'S OBLIGATIONS HEREUNDER. PROFESSIONAL AGREES TO INDEMNIFY AND SAVE HARMLESS CITY FROM AND AGAINST LIABILITIES, DAMAGES, CLAIMS, SUITS, COSTS (INCLUDING TO THE EXTENT REQUIRED BY APPLICABLE LAW, REIMBURSEMENT OF COURT COSTS, REASONABLE ATTORNEYS' FEES AND COSTS OF INVESTIGATION IN PROPORTION TO PROFESSIONAL'S LIABILITY) AND ACTIONS OF ANY KIND BY REASON OF INJURY TO OR DEATH OF ANY PERSON OR DAMAGE TO OR LOSS OF PROPERTY TO THE EXTENT CAUSED BY THE PROFESSIONAL'S NEGLIGENT PERFORMANCE OF SERVICES UNDER THIS AGREEMENT OR BY REASON

OF NEGLIGENT ACT OR OMISSION ON THE PART OF PROFESSIONAL, ITS OFFICERS, DIRECTORS, SERVANTS, AGENTS, EMPLOYEES, REPRESENTATIVES, CONTRACTORS, SUBCONTRACTORS, LICENSEES, SUCCESSORS OR PERMITTED ASSIGNS (EXCEPT WHEN SUCH LIABILITY, CLAIMS, SUITS, COSTS, INJURIES, DEATHS OR DAMAGES ARISE FROM OR ARE ATTRIBUTED TO NEGLIGENCE ATTRIBUTED TO PROFESSIONAL AS DETERMINED BY A COURT OR OTHER FORUM OF COMPETENT JURISDICTION). THE PROFESSIONAL'S OBLIGATIONS UNDER THIS SECTION SHALL NOT BE LIMITED TO THE LIMITS OF COVERAGE OF INSURANCE MAINTAINED OR REQUIRED TO BE MAINTAINED BY PROFESSIONAL UNDER THIS AGREEMENT. THIS PROVISION SHALL SURVIVE THE TERMINATION OF THIS AGREEMENT.

8.14 Audits and Records. The Professional agrees that during the term hereof the City and its representatives may, during normal business hours and as often as deemed necessary, inspect, audit, examine and reproduce any and all of the Professional's records relating to the services provided pursuant to this Agreement for a period of one year following the date of completion of services as determined by the City or date of termination if sooner.

8.15 Conflicts of Interests. The Professional represents that no official or employee of the City has any direct or indirect pecuniary interest in this Agreement.

8.16 Prohibition of Boycott Israel. Professional verifies that it does not Boycott Israel and agrees that during the term of this Agreement will not Boycott Israel as that term is defined in Texas Government Code Section 808.001, as amended.

(signature page to follow)

EXECUTED this _____ day of _____, 2019.

City of Sachse, Texas

By: _____
Gina Nash, City Manager

Halff Associates, Inc.

By: _____
Dennis Satre, Vice President

Approved as to form:

By: _____
Peter G. Smith, City Attorney

EXECUTED this _____ day of _____, 2019.

Professional

By: _____
Name: _____
Title: _____

Exhibit "A"
Scope of Services

EXHIBIT "A"
SCOPE OF SERVICES

**PROFESSIONAL ENGINEERING SERVICES AGREEMENT
BETWEEN CITY OF SACHSE, TEXAS, AND HALFF ASSOCIATES, INC.
MERRITT ROAD/WOODBRIDGE PARKWAY FROM PLEASANT VALLEY ROAD TO CREEK CROSSING LANE
(CSJ 0918-47-240)**

I. PROJECT DESCRIPTION

Merritt Road/Woodbridge Parkway

The proposed project involves improvements for the reconstruction of existing Merritt Road from a 2-lane roadway to a 4-lane divided arterial in accordance with City of Sachse standards for approximately 1.5 miles between Pleasant Valley Road and Sachse Road. The reconstructed Merritt Road facility will also be relocated at the northern terminus to align with existing Woodbridge Parkway, and the existing Merritt Road abandoned for approximately 800 feet directly south of Sachse Road. The project also includes turn lane and traffic signal improvements at the Sachse Road intersection, bridge class culvert facilities at two creek crossings, shared use path within roadway right of way and geotechnical engineering for design.

Services provided by the Engineer include preparation of schematic design and construction documents for the improvements described above, environmental document preparation, development of existing and proposed Merritt Road traffic volumes in the project limits, subsurface utility engineering (SUE) and utility relocation coordination, survey for design, survey for right-of-way (ROW)/easement document preparation and ROW acquisition services.

Based on detailed environmental study and schematic design, the project may require bridge, retaining wall, sound wall and/or municipal utility construction elements. These items are not in the design scope and, to the extent required, may be incorporated by change order into the contract scope at the appropriate time.

II. TASK SUMMARY

Halff will be responsible for directing and coordinating activities associated with the civil, survey, SUE, and environmental services, including necessary coordination with local, state, and/or federal agencies in accordance with the TxDOT Local Government Project Management Guide. Appropriate communication will be maintained between Halff and the City of Sachse ("City"). The project manager will prepare monthly progress reports and attend monthly meetings with the City throughout the duration of design and permitting. Halff Civil and Environmental staff will attend up to three (3) meetings with the City and TxDOT to discuss relevant project issues and prepare presentation materials for up to two (2) informal public meetings or City Council updates with Halff staff attendance.

Halff will organize and maintain the project records. Halff will conduct quality assurance/quality control reviews for all draft and final deliverables throughout the duration of the project.

1.0 SURVEY AND DESIGN SERVICES

1.1 Topographic Design Survey

Provide topographic surveying services within the project limits along Merritt Road for a width of 200 feet centered on the proposed centerline alignment. Design Survey shall include:

1. Pavement (note type of pavement)
2. Other surface features (walls, vaults, mailboxes, fences, signs, etc.)
 - a. Note height and type of walls and fences
3. Trees, shrubs, landscaping, etc.
 - a. Measure caliper inch of all trees, and type if known, for trees 6 inch DBH and greater
4. Utility appurtenances (valves, manholes, etc.)
 - a. For all storm and sanitary manholes: provide rim elevation, sketch of all pipes in/out including estimated diameter and direction, and measure-downs to flowlines of all lines
 - b. For all water valves: remove lid and measure depth to operating nut
5. General topographic survey shots sufficient to develop 1-foot contours.
6. Establish Survey Control:
 - a. Horizontal Control shall be NAD83, State Plan Coordinates, Texas North Central Zone.
 - b. Vertical Control shall be NAVD88.
 - c. Locate and tie into at least 3 City Control Monuments. Report measured horizontal coordinates and hold for vertical control.
 - d. Set permanent control points at approximately 1,000-foot intervals outside of limits of construction.

1.2 Schematic Design:

Prepare schematic design to City of Sachse standards and TxDOT format including a 1"=50' scale schematic roll drawing including paving plan/profile, typical sections, intersection traffic data, proposed right-of-way and easement locations, and probable construction costs.

Prepare a traffic study document describing operational improvement recommendations for Merritt Road/Woodbridge Parkway.

Halff shall provide the following draft and final documents and associated electronic files as applicable. The number of deliverable items will be determined by the State.

- Draft and final copies of the Engineering Summary Report
- Draft and final copies of the Traffic and Operational Analysis Report.

- An Electronic submittal of the Geopak Drainage, HEC-RAS, SWMM, & HMS models. The models must be approved by the District Hydraulic Engineer prior to generating any reports.
- One (1) copy of a draft Hydraulic Report for review and comment. The report shall document and justify all data, boundary conditions, assumptions, methodologies, and results. The text, tables, exhibits, and appendices shall document clearly and concisely the work performed and results found. The report shall provide recommendations for critical review by the State. Such recommendations may include corrective actions by the State, corrective actions by others, or need for further detailed analysis such as an unsteady model analysis or the development of mitigation measures. The complete compiled PDF of the entire report along with computer models shall be saved on a compact disc and included with each report. The report shall be signed and sealed by a professional engineer as draft.
- Finalize the Hydraulic Report and submit one (1) original paper copy with a CD of the PDF report along with all models used and any MicroStation/GeoPak files used.
- Culvert Hydraulic Data Sheets and Preliminary Culvert Layouts (11x17" PS&E format).
- Aesthetic Concept Development - Prepare two (02) schematic designs showing the layout of all potential items including pedestrian/bicycle facility alignments, custom railing, bridge monumentation, intersection pavement treatments, noise wall aesthetics, median only landscape layouts and plant materials options. The concepts will be submitted to the City of Sachse Staff for review and comment. Based on comments received the Halff Team will consolidate the schematic design options into one (01) final concept with cost estimate. Two (02) meetings will be held with the Client to present and provide feedback on the proposed concepts. The final concept option will be the basis for the development of Construction Documents.
- Construction cost estimate
- Estimated ROW needs for permanent BMP measures.
- Draft and final copies of the Conceptual Design Schematics roll plots (1 inch = 50 feet)
- Draft and final copies of the design schematic Cross-Sections in 11"x17" Cut sheets or roll plot format as requested
- Copies of the Preliminary Construction Sequence Layouts
- Traffic Data Schematics
- Traffic Projections Methodology memo
- Average Daily Corridor Traffic Projections Report
- Line schematics with traffic data shown
- Utility Plan – Electronic file on CD in latest version of Microstation V8 or Geopak
- Design Exception/Waiver documents
- Culvert Hydraulic Data Sheets and Preliminary Culvert Layouts.
- Drainage Report - one (1) copy of final report with CD (CD to include a PDF of the entire report) and computer files of hydrologic and hydraulic modeling with appropriate labeling of location, CSJ, and submittal date on a CD.
- Retaining Wall Layouts.
- Collect and review traffic volume data for project intersections.

- Obtain and review historic traffic volumes data for Merritt Road from the City of Sachse.
- Develop traffic volume growth factor with input from the City of Sachse based on historical growth and existing traffic volumes.
- Estimate future (2040) traffic volumes for project intersections and prepare traffic volumes diagram in a format acceptable to TxDOT TPP. The traffic volumes diagram will show the AM and PM peak hour turning movement volumes at project intersections.
- Estimate traffic volumes and provide data in a format acceptable for Noise Analysis.
- Prepare a memorandum and provide documentation for submittal to TxDOT TPP.

1.3 Plans, Specifications, and Estimates (TxDOT format) (60%, 90%, 100% Submittals)

1.3.1 Plans: Halff shall provide the following draft and final documents and associated electronic files as applicable. The number of deliverable items will be determined by the State.

- Address TxDOT's and the City's comments from the Schematic Plan Submittal;
- Prepare 60%, 90%, and 100% design plans including:
 - a. Title sheet
 - b. Project layout
 - c. Roadway typical sections
 - d. General notes
 - e. Estimate and quantity sheets
 - f. Quantity summary sheets
 - g. Traffic control plans
 - h. Removal plans
 - i. Survey control
 - j. Alignment data
 - k. Roadway paving and profile plans
 - l. Intersection ADA grading details
 - m. Driveway details
 - n. Drainage area map
 - o. Drainage calculations
 - p. Drainage plan and profiles
 - q. Existing utility plans
 - r. Proposed utility plans
 - s. Traffic signal layouts
 1. Traffic signal designs shall be based on steel pole with mast arm using TxDOT standard details.
 - t. Text layouts for illumination street name signs
 - u. Signing and pavement markings
 - v. SW3P
 - w. EPIC
 - x. Cross sections every 50 feet

- y. Any required miscellaneous details not covered by City and TxDOT standards.

1.3.2 Engineer's Opinion of Probable Construction Cost at 60%, 90%, and 100% submittals.

1.3.3 Attend comment resolution meetings and prepare detailed comment response form for 60% and 90% plans submittals.

****TxDOT only requires a 100% submittal for review. Halff will submit 60% and 100% directly to the City and TxDOT for review. 90% submittal will only be issued to City for review.**

2.0 Right-of-Way Survey Services:

Provide boundary survey services along Merritt Road within the project limits. Boundary analysis and resolution will include only those properties that are directly impacted by the project construction limits and shall include:

1. Coordination for right of entry to private property for up to 30 parcels.
2. Research of recorded deeds and plats.
3. Deed calls of property parent tracts.
4. Boundary corner search and ties.
5. Boundary analysis and resolution.
6. Preparation of resolved boundary line locations including existing easements from plats where recording information is provided.
7. Prepare ROW and easement maps for coordination of acquisition with property owner showing proposed improvements on aerial background.
8. Prepare up to 25 right-of-way parcel exhibits and legal descriptions, and up to 15 easement parcel exhibits and legal descriptions.

3.0 Geotechnical Services:

3.1 Field and Laboratory

Provide subsurface investigations in general conformance with TxDOT standards for approximately 7,800 of Merritt Road and 1 traffic signal site to determine site stratigraphy and obtain samples for laboratory testing. Shelby tube sampling will be performed in cohesive soils and split spoon sampling will be performed in cohesionless soils. Sampling is anticipated to be as noted below:

1. Traffic Signals
 - a. One (1) bore at each signalized intersection to 35-feet or 10-feet into rock, whichever comes first. Provide TCP for signal foundation design.
2. Pavement and Subgrade
 - a. Sixteen (16) bores at approximately 500-feet spacing to 15-feet below proposed grade.
3. Structures – Bridges, Retaining Walls and Sound Walls are not included at this time.

3.2 Design Report:

All the field and laboratory tests will be performed according to ASTM standards, where applicable, or with other established procedures. Results of the field and laboratory data will be used to provide geotechnical recommendations for the proposed structures.

A geotechnical report of our study will be prepared by an engineer specializing in soil mechanics and foundation engineering after reviewing available structural, geological, boring, and laboratory data. In general, the following items will be included in our report:

- Plan of borings,
- Table of laboratory results,
- Boring logs,
- Generalized subsurface conditions,
- Groundwater level observations,
- Scour gradation (D50) profiles for two creeks
- Foundation recommendation for traffic signals,
- Earthwork recommendations and
- Pavement subgrade recommendations based on TxDOT manuals.

4.0 Subsurface Utility Engineering (SUE) and Franchise Utility Conflict Analysis

- 4.1 Locate and map all identifiable franchise utilities at corners of public street intersections with proposed traffic signals and along existing and proposed Merritt Road alignments per SUE Quality Level B (geophysical methods to determine approximate location). City facilities (water, wastewater and storm sewers) will be depicted according to surveyed appurtenances per SUE Quality Level C (above-ground survey) and record information per SUE Quality Level D (records research). Limits for crossing utilities shall be 50' each side of the proposed construction limit and will not include private utility lines and irrigation systems.
- 4.2 QLA: Excavate up to five (5) test holes at critical locations based on review of the Level B SUE data and proposed improvements. The exposed utilities will be located per Quality Level A SUE (Potholing).
- 4.3 Provide conflict analysis for Franchise Utility encroachments and crossings.
- 4.4 Provide recommendations for remediation of Franchise Utility conflicts. **Franchise utility relocation plans and permitting to be provided by the respective utility. Design of Franchise Utility recollection plans, and associated permitting, is excluded.**

5.0 Environmental Assessment (EA) Documentation:

This Scope of Services includes the preparation of an Environmental Assessment (EA), associated documentation, and public involvement to meet the requirements of the National Environmental Policy Act (NEPA) of 1969 under 23 Code of Federal Regulations (CFR) Part 771 and 43 Texas Administrative Code (TAC) Part 1, Chapter 2. The Engineer will follow TxDOT guidelines and templates. The Engineer will coordinate with TxDOT's Dallas District Environmental Coordinator

and TxDOT's Environmental Affairs Division staff. Deliverables will be provided for review and approval by TxDOT. Scope of Services includes the following tasks:

5.1 Project Scoping

Scoping documentation shall be provided to the TxDOT Dallas District office to initiate the EA process and identify the technical studies that will be required for the project. Halff will obtain digital environmental information available from appropriate local, state, and federal agencies. Data collected through this task will be stored in Geographic Information System (GIS) format. Halff shall complete a Scope Development Tool (SDT) and submit to TxDOT. The following resources will be preliminarily addressed in the SDT:

- Air Quality
- Cultural Resources
- Community Impacts
- Biological Resources
- Water Resources
- Hazardous Materials
- Traffic Noise
- Section 4(f) & Section 6(f)
- Parks and Wildlife Code, Chapter 26
- Natural Resources Code, Chapter 183
- Indirect Impact Analysis
- Cumulative Impacts
- Public Involvement

Halff shall also complete a Project Scope for Environmental Review Documents for review and signature by the local project sponsor (City of Sachse) and TxDOT. The Project Scope form will include a preliminary schedule for EA deliverables and agency coordination.

5.2 Site Visit

This task includes field work within the project ROW to document existing conditions. This task includes taking on-site photographs of existing conditions, recording Global Positioning System (GPS) data points of identified features, and completing field data forms. Right of entry (ROE) for the proposed project area, including temporary or permanent easements that may be required for the project, will be needed before the site visit can be performed.

5.3 Technical Reports

Technical reports and resource agency coordination requests shall be prepared for resources that require assessment as defined in the SDT and Project Scope form. The technical reports are used by TxDOT to initiate resource/regulatory agency coordination and to obtain feedback/approval from agencies, as applicable. This project is anticipated to require the following technical reports as further described in Tasks 4.3.1 through 4.3.11.

- Community Impacts Assessment Technical Report

- Biological Evaluation Form and Tier I Site Assessment
- Water Resources Technical Report
- Historical Studies Project Coordination Request (PCR)
- Reconnaissance Survey for Non-Archeological Historic-Age Resources
- Archeological Background Study
- Archeological Survey
- Hazardous Materials Initial Site Assessment (ISA)
- Air Quality (i.e., Air Quality Technical Report, Qualitative MSAT, Transportation Conformity Report Form and Congestion Management Process Form)
- Traffic Noise Analysis Technical Report
- Indirect and Cumulative Impacts Analyses Technical Reports

The technical reports will be submitted to the TxDOT Dallas District and revised in accordance with comments received during up to two rounds of review.

5.3.1 Community Impacts Assessment Technical Report

This task includes the preparation of a technical report documenting the population and income characteristics of the immediate area surrounding the project ROW, and identifying potential impacts on Environmental Justice (EJ) and Limited English Proficiency (LEP) populations as well as potential impacts on community cohesion.

5.3.2 Biological Evaluation

This task includes an assessment of the project's compliance with the following federal and state regulatory requirements.

- Endangered Species Act of 1973
- Migratory Bird Treaty Act and Golden Eagle Protection Act
- Fish and Wildlife Coordination Act
- Farmland Protection Policy Act
- Executive Order on Invasive Species
- Executive Memorandum on Environmentally and Economically Beneficial Landscaping
- Texas Parks and Wildlife Department (TPWD) Coordination per Memorandum of Understanding (MOU) (reissued 2013)

An assessment will be conducted for vegetation and protected habitat impacts in accordance with the 2013 MOU between TxDOT and the TPWD. The analysis shall consider vegetation/land cover found in the project area as compared to TPWD's Ecological Mapping Systems of Texas (EMST). Associated mapping and a Biological Evaluation Form will be completed. This task will include a review of current species lists from the TPWD and the United States Fish and Wildlife Service (USFWS), and a search request from the Texas Natural Diversity Database (TXNDD). Conclusions will be made, based on general observations from the visual survey and the literature review and database search, regarding whether preferred habitat or designated critical habitat for

any listed species is present within the project area, whether any listed species is likely to occur, and whether there is a potential effect to listed species.

5.3.3 Water Resources

This task includes preparing a Water Resources Technical Report to document compliance with the following:

- Section 404 of the Clean Water Act: Waters of the United States
- Section 401 of the Clean Water Act: Water Quality Certification
- Executive Order 11990, Wetlands
- Rivers and Harbors Act of 1899, Section 10
- Section 303(d) of the Clean Water Act
- Section 402 of the Clean Water Act: Texas Pollutant Discharge and Elimination System (TPDES), Construction General Permit
- Section 402 of the Clean Water Act: TPDES, Municipal Separate Storm Sewer System (MS4)
- Floodplain requirements

A jurisdictional determination of waters of the United States, including wetlands, will be made within the existing and proposed ROW and any proposed temporary or permanent easements for the project. This determination will include delineation of the boundaries and ordinary high water mark of jurisdictional waters within the ROW.

5.3.4 Historical Studies Project Coordination Request

Halff shall complete a Non-Archeological Historic Resources PCR form for the proposed project, which will be sent to TxDOT for review. The PCR form will provide information regarding the potential for the presence of historic-age properties in the project's Area of Potential Effects (APE). A review of the Texas Historical Commission's (THC) online Historic Sites Atlas will be conducted to identify previously recorded historic sites within the APE. The PCR form will also include attachments with maps of the proposed project limits and the project APE.

5.3.5 Survey for Non-Archeological Historic-Age Resources

Halff shall prepare a Research Design for coordination with TxDOT prior to conducting a field survey. Following the field survey, a Reconnaissance-level Non-Archeological Historic Resource Survey Report (HRSR) shall be prepared for coordination with TxDOT and the State Historic Preservation Officer (SHPO), in accordance with the TxDOT Environmental Handbook for Historic Properties and TxDOT's Documentation Standards for Reconnaissance Survey Reports. Halff shall transmit the HRSR to TxDOT. If coordination with the THC is required, it is assumed TxDOT will complete such activity.

5.3.6 Archeological Background Study

An Archeological Background Study shall be produced by a professional archeologist as defined in 13 Texas Administrative Code (TAC) §26.4(2). The Background Study shall

conform to the current Review Standard for Archeological Background Studies for TxDOT. The Background Study must define and consider all alternatives selected for detailed study, including all existing right-of-way (ROW), all proposed new ROW, easements (temporary and permanent), and any other project-specific location designated by the State. The Background Study shall consider the likely depth of impacts resulting from the proposed project. The proposed improvements selected for detailed study shall be presented on a map or maps as part of the Background Study. The professional archeologist shall undertake a review of existing data, including, but not limited to, the Texas Archeological Sites Atlas, geologic maps, soil maps, aerial photographs, and historic maps. Based on this review, the Background Study shall identify and plot on a map the areas that require field investigation to evaluate the project's effects on archeological resources (including cemeteries) and shall identify the areas in which the proposed project would have no effect on archeological resources and cemeteries. The Background Study shall identify any areas where field investigations are recommended.

5.3.7 Archeological Survey

Archeological Resource Studies and coordination shall be performed following TxDOT's Environmental Handbook for Archeological Sites and Cemeteries and the appropriate TxDOT Review Standard. An Intensive Archeological Survey as defined in 13 TAC 26.15(6) and 13 TAC 26.25(h) will be performed to satisfy the National Historic Preservation Act, Section 106 and Texas Antiquities Code requirements for determining whether archeological sites are present in the project area of potential effects (APE), and whether test excavations or a higher level of archeological work is needed. A professional archeologist shall prepare a Texas Antiquities Permit application and scope of work for approval by the State and the Texas Historical Commission (THC) prior to conducting the Archeological Survey. The intensive archeological survey shall conform to the THC's Survey Standards for Texas, which include the excavation of shovel tests as appropriate, throughout the APE to characterize the soils, potential disturbances, and determine whether archeological resources are present and, if so, assess those resources. In addition, if new ROW and/or easements are required within 25-feet of the Pleasant Valley Cemetery adjacent to the existing Merritt Road ROW, survey methods shall include scraping to a depth adequate to determine whether grave shafts or burials occur in the APE, in accordance with the Memorandum of Agreement between TxDOT and the THC (13 TAC 26.25[k][4]). Following the field survey, an Archeological Survey Report shall be prepared for coordination with TxDOT and the THC. The report shall fulfill the reporting requirements for the Texas Antiquities Permit.

5.3.8 Hazardous Materials Initial Site Assessment Technical Report

Halff will perform a Hazardous Materials ISA for potential hazardous materials impacts. The ISA shall determine the potential for encountering hazardous materials in the study area, including possible environmental liability, increased handling requirements (e.g., soil or groundwater), and potential construction worker health and safety issues. The

performance of the hazardous materials ISA will be sufficient to satisfy TxDOT's current standards. The ISA shall include the following:

- Determine the appropriate project-specific level of inquiry for the ISA. Consider the project design and right-of-way requirements, including project excavation requirements, anticipated additional right-of-way acquisition, and the demolition or modification of structures.
- Produce and submit to TxDOT a completed ISA using TxDOT's ISA format. The completed ISA shall include, when applicable, full copies of list search reports, including maps depicting locations, photographs, recommendations, and any other supporting information gathered to complete the ISA.

Should the findings of the ISA conclude that additional investigation, special considerations, or other commitments from TxDOT or the project sponsor are required during project development, Halff shall review those findings with the Client and TxDOT.

5.3.9 Traffic Noise Analysis

A traffic noise analysis will be performed in accordance with the current version of TxDOT's (FHWA-approved) "Guidelines for Analysis and Abatement of Roadway Traffic Noise." To perform this analysis, the traffic noise analyst will require existing and predicted (future) traffic data approved by TxDOT Transportation Planning and Programs (TPP) Division. The analyst will identify adjacent land use development and representative receivers that might be impacted by roadway traffic noise. The analyst will determine existing and predicted noise levels for representative receivers by performing computer modeling of existing noise levels and predicted (future) noise levels. The modeling will be accomplished with the latest FHWA approved Traffic Noise Model (TNM) software program. The analyst will identify receivers with noise impacts in accordance with the absolute and relative impact criteria, and will consider and evaluate all required noise abatement measures for impacted receivers in accordance with the feasible and reasonable criteria. As appropriate, the analysis will propose noise abatement measures that are both feasible and reasonable.

5.3.10 Air Quality

Air quality documentation will be prepared in accordance with TxDOT guidelines. Because the proposed project is in a nonattainment area relative to the National Ambient Air Quality Standards (NAAQS) for ozone, and is not anticipated to be exempt from conformity in accordance with 40 CFR 93.126, a conformity report form will be prepared for coordination with TxDOT and FHWA in order to obtain a project level conformity determination. The report will include details regarding project consistency with the current metropolitan transportation plan (MTP) and statewide transportation improvement program (STIP). In addition, because the project involves added capacity, a Congestion Management Process form will be prepared.

Halff will prepare a qualitative Mobile Source Air Toxics (MSAT) analysis in accordance with the template language provided. It is assumed projected traffic volumes would not

exceed 140,000 vehicles per day and a carbon monoxide (CO) Traffic Air Quality Analysis (TAQA) would not be required.

5.3.11 Indirect and Cumulative Impacts Technical Reports

This task includes the assessment of indirect and cumulative impacts in accordance with TxDOT's Guidance on Preparing Indirect and Cumulative Impact Analysis. The indirect impacts analysis shall analyze project related induced growth impacts. The cumulative impact analysis shall analyze the project's incremental direct and indirect effects on a resource in the context of other past, present, and future effects on a resource from other reasonably foreseeable activities.

5.4 Section 404 Nationwide (NWP) Permit with Preconstruction Notification (PCN)

This task includes confirming Section 404 permitting requirements for the proposed project (NWP or Individual Permit) and preparation and submittal of a NWP application and PCN to the U.S. Army Corps of Engineers (USACE). NWP application and PCN will be prepared in accordance with current USACE policies and regulations.

Halff will provide the TxDOT Dallas District with documentation (including all original correspondence) of consultation with USACE. Halff will keep the city and TxDOT Dallas District informed during the permit coordination process.

5.5 Draft and Final EA

This task includes a draft and final EA, Finding of No Significant Impact (FONSI) statement, and Environmental Permits, Issues, and Commitments (EPIC) sheet. The EA shall incorporate the results of the technical reports, agency coordination (conducted by TxDOT), and public involvement. The EA shall include a purpose and need statement, descriptions of the alternatives (Build and No-Build), description of the affected environment and environmental consequences, and a recommendation of the preferred alternative. The draft EA will be submitted for further processing and upon approval by TxDOT, the Engineer will proceed to the Public Hearing. After the Public Hearing, the Engineer shall prepare the final EA.

5.6 Public Involvement

5.6.1 Public Involvement Plan

This task includes developing a plan for public involvement activities. The plan shall specify all activities to be performed and alternatives to be discussed during public involvement activities. Public involvement activities must be carried out in compliance with EO 13166 and EO 12898. The plan shall also discuss outreach strategies for both the general public and targeted strategies for Environmental Justice and Limited English Proficiency populations.

5.6.2 Meetings with Affected Property Owners (MAPO)

Halff will coordinate up to six (6) Meetings with Affected Property Owners (MAPOs). Halff will summarize each meeting via a MAPO Summary.

5.6.3 Public Meeting

This task includes compiling a mailing list of adjacent property owners and create a corresponding map. Reserve a suitable facility for one (1) open house format public meeting. Prepare public meeting exhibits and handouts. Attend a meeting with city and TxDOT Dallas District staff and obtain approval for exhibits and other materials. Prepare notice of public meeting. Submit the notice to the TxDOT Dallas District for review no less than two (2) weeks prior to newspaper publication. Halff will publish the notice in a local newspaper (English and Spanish) once in advance of the public meeting as well as mail notices to adjacent property owners, elected officials, and agency staff. Halff will provide up to three staff to perform registration and answer questions (bilingual staff will be available). Develop and submit to the TxDOT Dallas District a written summary of the public meeting, including when the meeting was conducted, where the meeting was held and who was in attendance. The public meeting documentation shall also include the comments received and responses to comments, as well as modifications, if any, to the project resulting from comments received.

5.6.4 Public Hearing

This task includes updating the mailing list and map. Halff will reserve a facility for one (1) public hearing and reserve a court reporter. Prepare public hearing exhibits and handouts. Prepare the public hearing speech and slideshow. Attend a meeting with city and TxDOT Dallas District staff and obtain approval for exhibits and other materials. Prepare notice of public hearing. Submit the notice to the TxDOT Dallas District for review no less than two (2) weeks prior to newspaper publication. The Engineer will publish the notice in a local newspaper once in advance of the public hearing and mail notices to adjacent property owners, elected officials, and agency staff. Provide up to three staff to perform registration and answer questions (bilingual staff will be available). Develop and submit to the TxDOT Dallas District the Public Hearing documentation with comments and responses, required certification, and court reporter transcript.

5.6.5 Final EA Notice of Availability

Halff will prepare a notice advertising to the public that a final EA is ready for review in accordance with TxDOT guidelines. The Engineer will publish the notice in a local newspaper and will provide the notice to TxDOT to publish on TxDOT's website. Copies of the NOA will also be provided to NCTCOG and entities identified as having an interest in or regulatory jurisdiction over an aspect of the project in accordance with 43 TAC 2.12.

5.6.6 Traffic Noise Workshop

A traffic noise workshop is not in the scope and if required, may be incorporated by change order into the contract scope at the appropriate time.

5.7 Deliverables

Electronic versions in Adobe Acrobat format of the following documents:

- Project Scope Forms
- Community Impact Assessment Technical Report
- Biological Evaluation Form
- Historic Resources PCR
- Historical Resources Reconnaissance Survey Report
- Archeological Background Study Report
- Archeological Survey Report
- Water Resources Technical Report
- Hazardous Materials ISA
- Traffic Noise Analysis Technical Report
- Conformity Report Form
- Traffic Air Quality Technical Report
- Congestion Management Process Report
- Qualitative MSAT Technical Report
- Indirect and Cumulative Impacts Analyses Technical Reports
- Section 404 Nationwide Permit with PCN
- Draft EA
- Final EA
- FONSI statement
- EPIC Sheet
- Mailing list
- Up to six (6) MAPO Summaries
- Public notices, exhibits and handouts
- Public Meeting Documentation
- Public Hearing Documentation
- Final EA Notice of Availability

All deliverables will be submitted electronically via e-mail to the city and the TxDOT Dallas District for review and approval. Engineer will provide up to three (3) hard copies upon request of each final deliverable.

6.0 Drainage Study

The Engineer shall conduct a Drainage Study to determine and evaluate the adequacy of the ROW needed to accommodate the proposed roadway and cross drainage systems. Hydrology and hydraulic analyses shall be completed for 2 major road crossings along Long Branch of Muddy Creek and Stream 2E3/2E4 confluence in accordance with TxDOT design methods. The drainage report shall be signed and sealed by a professional engineer. The Drainage Study methodology

will be in accordance with the State's Hydraulic Design Manual, District criteria, and any specific guidance provided by the State.

6.1 Data Collection

1. Collect as-built or record plans to locate existing drainage structures for use in the design of roadway geometry.
2. Acquire FEMA or City effective HEC-1, HEC-2, HEC-HMS, and HEC-RAS models for Long Branch of Muddy Creek and Stream 2E3/2E4 crossings from local floodplain administrator or FEMA digital library.
3. Coordinate with local floodplain administrator.
4. Obtain best available digital topographic data for upstream and downstream offsite areas with direct impact on project area.
5. Conduct field reconnaissance and collect data including a photographic record of existing drainage structures.

6.2 Hydrologic Analysis

1. Prepare Drainage Area Maps and determine sub-drainage areas.
2. FEMA effective modeling and discharges, or other previous study discharges, will be used to establish design discharges for Long Branch and Stream 2E3/2E4 confluence.

6.3 Hydraulic Analysis and Design

1. The hydraulic analysis includes updating models obtained from FEMA or the local floodplain administrator. The study shall:
 - a. Identify the impacts to adjacent properties under existing and proposed design conditions.
 - b. Evaluate effects on the 100-year floodplain due to proposed road improvements.
 - c. Identify the existing and proposed water surface elevations and velocities for the 2, 5, 10, 25, 50 and 100-year storm events.
 - d. Identify areas of erosive velocities within the project area and recommend appropriate protection.
 - e. Conduct scour analyses on two (2) bridge crossings.
 - f. Perform a proposed roadway storage impact evaluation on SCS Site #10.
2. Existing and proposed conditions hydraulic modeling shall utilize software acceptable to the State such as HEC-RAS, HY-8, or XP-SWPM. The existing conditions hydraulic model shall be used to evaluate current hydraulic conditions and establish base conditions against which the proposed conditions results will be compared to identify potential impacts.
3. Water surface profiles and velocities for stream crossings shall be determined and placed on exhibit drawings for the design and check storm events as appropriate.

6.4 Drainage Report

The Engineer shall prepare a draft and final Drainage Study summarizing the methodology and design assumptions. The study shall include the following:

1. General description of existing and proposed structure and roadway conditions.
2. Discussion of potential existing utility conflicts.
3. Hydrologic summary including drainage area determination, method of calculation, design storm frequency, and discharge comparison if applicable.
4. Hydraulic analysis summarizing programs used, boundary conditions, overtopping elevation, existing structure analysis, proposed structure analysis, comparison of existing to proposed conditions, velocity evaluation, channel improvements as needed, and drainage easements as needed.
5. Summary showing existing and proposed FEMA floodplain impacts.
6. Bridge class culvert layouts.
7. Appendix consisting of drainage area map, hydraulic output data, FEMA data, hydraulic data sheet (for HEC-RAS models showing cross section layout and hydraulic output), water surface profiles (for HEC-RAS models), scour analysis (for bridges), as-built plans, and other information as appropriate.

7.0 FEMA Conditional Letter of Map Revision (CLOMR)

The Engineer shall develop a FEMA CLOMR based on the results of the Long Branch of Muddy Creek and Stream 2E3 Study analysis.

7.1 Hydraulic Modeling

1. The Drainage study proposed conditions modeling should be sufficient to use for the CLOMR submittal, therefore no additional proposed conditions hydraulic modeling will be required.
2. Update floodway analysis as needed to reflect the recommended floodplain reclamation alternative from feasibility study.

7.2 Forms and Exhibits

1. Complete the following forms, and include attachments and exhibits as required by FEMA:
 - a. Form 1 – Overview and Concurrence Form
 - b. Form 2 – Riverine Hydraulics and Hydrology Form
 - c. Form 3 – Riverine Structures Form.
2. Compile comparison tables, including but not limited to, a 1-percent-annual-chance flood elevation (100-year) comparison table and floodway comparison table
3. Prepare FEMA required workmap showing existing and proposed topography, proposed site plan, existing and proposed floodplains, and floodway
4. Prepare a 1 inch = 1,000 feet scale revised DFIRM exhibit and annotate
5. Prepare owner notifications of affect properties and change of floodway notification to be published in the local newspaper.

6. Perform coordination with US Fish and Wildlife Service (USFWS) using endangered species data from roadway EA documents.

7.3 CLOMR Application Report

1. Prepare a CLOMR Report to be submitted to the City of Sachse
2. Submit and present the report to the City of Sachse and the client for review, approval, and signatures. This scope of work includes one (1) meeting with the City of Sachse for the purpose of review and signature of the CLOMR report
3. Assemble and bind four (4) copies of CLOMR Report (one for the City of Sachse to keep, one for the client to keep, one to be sent overnight to the FEMA Headquarters in Washington DC, and one to be retained by Halff Associates). Additional copies can be prepared at an additional cost
4. Overnight submittal to FEMA headquarters in Washington DC or submit digital version online
5. Coordination with City of Sachse during FEMA review
6. Coordination with FEMA during the review stage, including modifications to analysis and report as required by FEMA

7.4 CLOMR Exclusions

1. Local and Federal review and processing fees
2. Costs associated with local newspaper publications

8.0 FEMA Letter of Map Revision (LOMR)

A LOMR is not included in the design scope and may be incorporated by change order into the contract scope at the appropriate time.

9.0 ROW Acquisition Services

The ROW acquisition services described below are contemplated to be applied to not more than 25 separately deeded parent tracts and budgets for fees have been determined accordingly based on mostly vacant lands and/or residential properties with no improvement impacts other than fencing and gates.

9.1 Project Administration

1. Maintain status reports of all parcel acquisition activities and provide weekly status reports to City during acquisition phase.
2. Prepare initial property owner contact list for use by City in distribution of ROW Consultant introduction letters.

9.2 File Management

1. Working files will be kept in the ROW Consultant's project administrative office, but documents generated or received by the ROW Consultant will be forwarded to the City as they are generated or received by the ROW Consultant.
2. Prepare invoices utilizing City standard payment submissions forms with supporting documentation.
3. Maintain records of all payments including warrant/check number, amount, and date paid, etc.
4. Maintain copies of all correspondence and contacts with property owners.

9.3 Title and Closing Services

1. Secure preliminary title commitment or preliminary title search and 5-year sales data from the title company that will be providing title insurance.
 - a. The charges from the Title Company for the preliminary title commitments will be paid by the City and are not included in the Consultant's negotiated fee schedule.
2. Secure title commitments updates in accord with insurance rules and requirements for parcel payment submissions. The charges from the Title Company for the update of the title commitment will be paid by City and should not be included in the Consultant's negotiated fee schedule.
3. Secure title insurance for all parcels acquired, insuring acceptable title to City. Written approval by City required for any exception. The charges from the Title Company for the update of the title insurance will be paid by City and should not be included in the Consultant's negotiated fee schedule.
4. Analyze preliminary title report to determine potential title problems, propose methods to cure title deficiencies.
5. The curative services necessary to provide clear title to the City is the responsibility of the Consultant and is to be included in the negotiated fee schedule for this service.

Note: the Consultant's curative services do not include cost/expenses that qualify as payment of incidental expenses to transfer real property to the City.
6. The Consultant has the responsibility of direct contact with the Title Company to obtain an updated title commitment along with other forms and certified copy of the instrument of conveyance when requesting the Parcel Payment from the City.
7. The Consultant provides closing services in conjunction with the Title Company and at the discretion of the City may be required to attend closings.
8. Any fee related to obtaining certified court documents and fees for recording same which are not collected at the closing of the parcel shall be direct pass through fees.
9. Consultant shall cause the recordation of all original instruments immediately after closing at the respective County Clerk's Office. The cost of recording fees and filing fees are paid by the City and should not be included in the Consultant's negotiated fee schedule.

9.4 Negotiation Services

1. Analyze appraisal and appraisal review reports and confirm City's approved value prior to making offer for each parcel.
2. Prepare and send the letter transmitting the Landowners' Bill of Rights by Certified Mail-Return Receipt Requested (CMRRR).
3. Prepare the initial offer letter, memorandum of agreement, instruments of conveyance, and any other documents required or requested by City on applicable forms.
4. Contact each property owner or owner's designated representative, to present the written offer in person where practical, and deliver appraisal report and required brochures. Maintain follow-up contacts and secure the necessary instruments upon acceptance of the offer for the closing.
5. Provide a copy of the appraisal report for the subject property exclusively to the property owner or authorized representative at the time of the offer. Maintain original signed Receipt of Appraisal for billing purposes.
6. Respond to property owner inquiries verbally and in writing within two business days.
7. Prepare a separate negotiator contact report for each parcel on approved form.
8. Maintain parcel files of original documentation related to the purchase of the real property or property interests.
9. Advise property owner on the Administrative Settlement process. Transmit to City any written counter offer from property owners including supporting documentation, and Consultant recommendation regarding Administrative Settlements in accordance with City policy and procedures.
10. Prepare final offer letter, documents of conveyance as necessary.
11. Appear and provide Expert Witness testimony as a Consultant when requested. The cost of the Consultant's expert witness testimony for trial is not part of this contract.

9.5 Additional Services

Additional services to be performed by Consultant, if authorized in writing by the City, which are not included in the above-described Services, are described below:

1. **Condemnation Support** - Consultant shall not act as the attorney for condemnation purposes. City must self perform legal services or contract with third party attorney. Consultant shall provide those support services to City or to City's attorney as described below:

- a. **Pre-Hearing Support**

- Request updated Title Commitment from title Company.
- Use information from the Title Commitment to identify interested parties.*
- Submit information packet as requested by Condemning Attorney.
- Request update of appraisal.
- File original petition with County Court at Law or other appropriate Court for a cause number to be assigned.
- File Lis Pendens including the cause number with the County Clerk's Office

- Upon assignment of a court, file the Order Appointing Commissioners with the judge, retaining a copy of the Order for the files.
- Following appointment of Commissioners by the judge, secure Oath of Commissioners signed by the Commissioners, Order Setting Hearing and Notice of Hearing signed by the Commissioners.
- File all originals with the court and send copies to City and Condemning Attorney.

b. Post-Hearing Support

- File Award of the Commissioners with the court for the Judge's signature within 48 hours of hearing, unless on Friday or before a holiday when court will not be open.
- Obtain certified copy of Award and provide to City with request for funding in amount of Award.
- Obtain Commissioners' Fees and submit to City for payment.
- File Award payment in registry of the court, file Notice of Deposit with the court and send certified copies to all interested parties notifying them of the date of deposit. The Date of Deposit is the Date of Take.

* Updated Title Commitments shall be paid directly by City.

2. Miscellaneous Support for the following additional services shall be performed as specifically requested and authorized by the City:

- a. Relocation Assistance and Appeal(s)
- b. Eviction Process
- c. Disposal of Property Services
- d. Initial and Update Appraisal Service
- e. Testimony for Hearing(s) or appeals.
- f. Document/Form establishment.
- g. Reporting outside of typical status reports.
- h. Attend Public Meetings and Hearings

9.6 Services to be provided by the City include, but are not limited to, the following:

1. Provide timely reviews and approval of submissions.
2. Process and issue all warrants for payment of approved purchase prices for each parcel, relocation payment, and incidental expense involved in the transfer of property to City in accordance with State law.
3. Provide a copy to the Consultant's performance evaluation at end of project or as needed throughout the project.
4. Provide Bill of Sale for disposal of improvements.
5. Pay direct costs of preliminary title commitment, updates and title insurance for all parcels acquired.
6. Provide Review Committee for Relocation Appeal(s).

III. ADDITIONAL SERVICES

Any items requested that are not outlined in the above scope will be considered additional services and will be provided as requested and authorized by City of Sachse. Halff Associates Inc. can provide the following services; however, these services are excluded from the scope of this agreement:

- Geometric revisions to plans due to City design criteria changes after the 60% plan review and notice to proceed on the 90% plans.
- Submittal, Review, Platting, and Permitting Fees or other Fees associated with adjacent commercial and/or residential development.
- Franchise utility infrastructure design.
- Construction Inspection and Resident Engineering services.
- Construction Material Testing services.
- Individual Section 404 Permitting, Section 401 certification, and site specific mitigation plans.
- Preparation of Construction related SWPPP, NOI, NOT, etc.
- Construction layout staking.
- Development of timing plans for signalized intersections.
- Phase I Environmental Site Assessments, investigations involving sampling and laboratory analysis, and/or remediation activities.
- Presence/absence surveys for threatened and endangered species or species relocation activities. Preparation of a Biological Assessment under the Endangered Species Act or associated consultation with the USFWS.
- Items not specifically contemplated by the Scope of Services.

EXHIBIT "B"
FEE SUMMARY

**PROFESSIONAL ENGINEERING SERVICES AGREEMENT
BETWEEN CITY OF SACHSE, TEXAS, AND HALFF ASSOCIATES, INC.
MERRITT ROAD/WOODBRIDGE PARKWAY FROM PLEASANT VALLEY ROAD TO CREEK
CROSSING LANE (CSJ 0918-47-240)**

BASIC SERVICES:

1. Project Management and Design	
1.0 Project Management	\$ 109,479.00
1.1 Topographic Design Survey	\$ 81,728.00
1.2 Schematic Design	\$ 249,989.00
1.3 PS&E (Final Design)	\$ 648,854.00
2. Right of Way Survey Services	\$ 117,726.00
3. Geotechnical Services	
3.1 Field and Laboratory	\$ 66,596.00
3.2 Design Report	\$ 30,449.00
4. Subsurface Utility Engineering (SUE)	\$ 108,944.00
5. Environmental Assessment (EA) Documentation	
5.1 Project Scoping	\$ 4,208.00
5.2 Site Visit	\$ 3,998.00
5.3 Technical Reports	\$ 195,757.00
5.4 Section 404 Nationwide Permit with PCN	\$ 24,047.00
5.5 Draft and Final EA	\$ 29,992.00
5.6 Public Involvement	\$ 80,965.00
6. Drainage Study	\$ 62,238.00
7. FEMA Conditional Letter of Map Revision (CLOMR)	\$ 27,030.00
8. FEMA Letter of Map Revision (LOMR)	NIC
Total Basic Services (Lump Sum, Not-To-Exceed)	\$ 1,842,000.00

SPECIAL SERVICES:

9. ROW Acquisition Services Budget	\$ 270,000.00
Total Special Services (Cost Plus, Not-To-Exceed)	\$ 270,000.00

Project Grand Total (Not-To-Exceed)	\$ 2,112,000.00
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**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	6. Regular Agenda Items
Subject	E. Receive Sachse Police Department's 2018 Year in Review.
Access	Public
Type	Discussion, Information

Public Content**BACKGROUND**

Chief Sylvester will present an overview of the Sachse Police Department for 2018 including crime statistics, notable accomplishments, and programming planned for 2019.

POLICY CONSIDERATIONS

There are no policy considerations affiliated with this item.

RECOMMENDATION

There are no recommendations affiliated with this item. This is a presentation only.

[SPD 2018 Year In Review \(1\)-LR.pptx \(2,050 KB\)](#)

Sachse Police Department

2018 Year End Review



Sachse Police Department

Crime and Arrest Review

OFFENSE	2017	2018	% Change
TOTAL CRIME	909	713	-22%
PART I	308	241	-22%
PART II	601	472	-21%
Aggravated Assault	1	5	400%
Simple Assault	112	141	26%
Sexual Assault	9	9	0%
Robbery	1	2	100%
Residential Burglary	25	14	-44%
Building Burglary	16	14	-13%
Vehicle Burglary	64	78	22%
Auto Theft	23	17	-26%
Theft	169	102	-39%

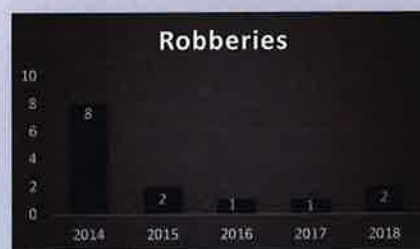
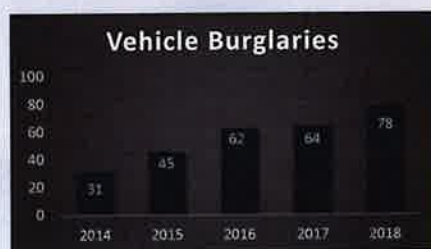
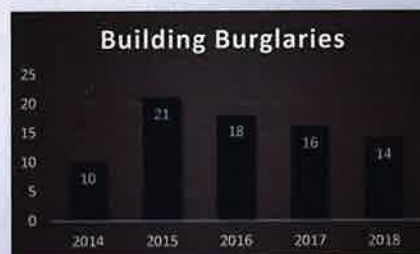


Sachse Police Department Selected Part II Crimes

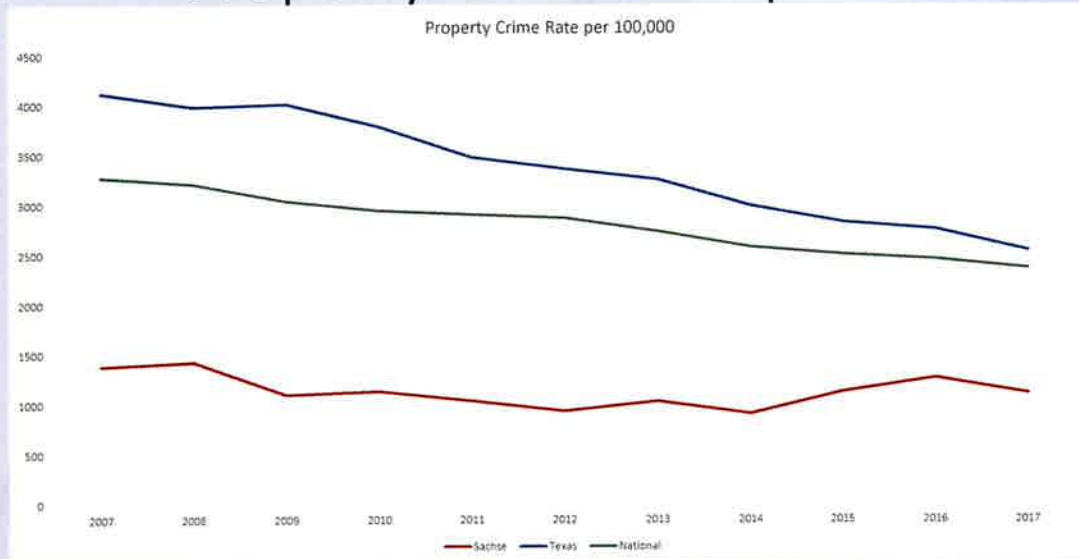
Part II Offense	2017	2018	% Change
Criminal Mischief	48	44	-8%
Forgery/Fraud	74	68	-9%
Disorderly Conduct	11	12	9%
Public Intoxication	51	14	-73%
Drug Possession/Paraphernalia	121	100	-17%
DWI	49	40	-18%



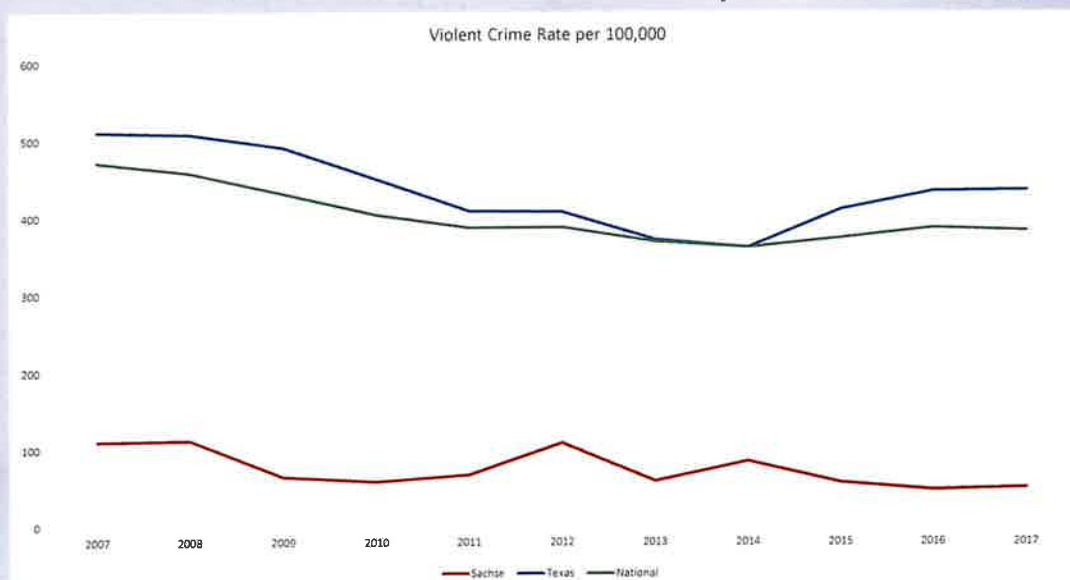
Sachse Police Department



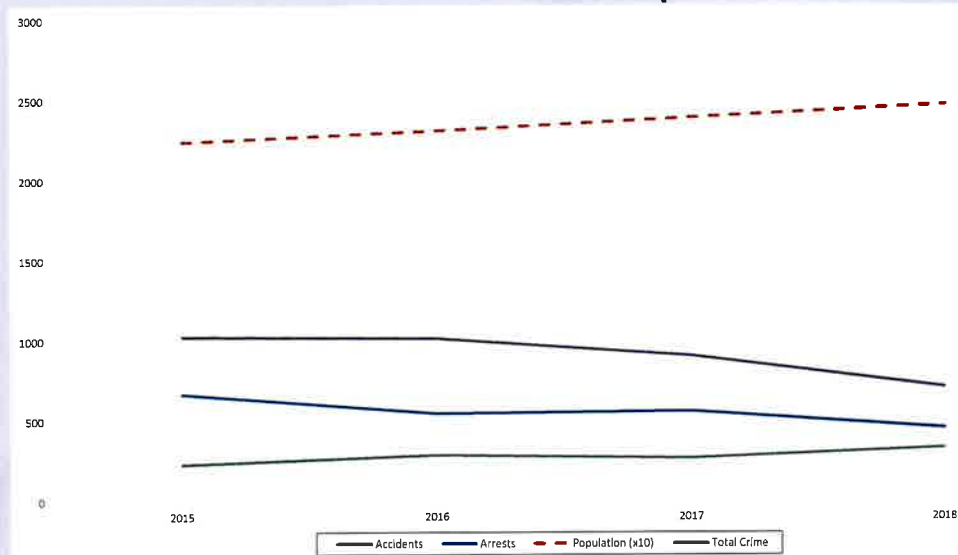
Property Crime Comparison



Violent Crime Comparison



Sachse Police Department



Accomplishments

- E-Watch: Over 6,000 Up 4%
- Video Crime Watch: 235 Registrants Up 20%
- Cops & Campers 2018 TML Award
- Take Me Home Program
- Community Chat Program
- Safety enhancements to Whitt/Cox/Armstrong Elementary Schools
- Partnership with The Counseling Place
- Citizen Emergency Preparedness Classes
- Completion of De-Escalation Training
- Development of Physical Fitness Program
- Growth of Volunteer Program
- Animal Control Pet Return Program



Volunteers in Policing

23 volunteers

2018 Total Hours 3,819

(2,500+ more hours than last year)



New Employees 2018



2019 Goals

- Continued growth of legacy programs
- Animal Services body camera program
- Grand Jury telepresence process
- Combined emergency response drill
- TPCA best practices preparation
- Professional development training of new supervisors
- Implementation of physical fitness program
- Door Defender re-Canvass
- 9PM Routine
- Conversion to new department uniform patch



Questions?



**Agenda Item Details**

Meeting	Feb 18, 2019 - Regular Combined City Council Meeting
Category	7. Executive Session
Subject	A. The City Council shall convene into Executive Session pursuant to the Texas Government Code, Section §551.072 for the deliberation regarding the purchase, exchange, lease, or value of real property generally located along Sachse Road in the City of Sachse.
Access	Public
Type	Discussion

Public Content**BACKGROUND**

The City Council will be provided information on a proposed property acquisition.

POLICY CONSIDERATIONS

There are no policy considerations affiliated with this item.

RECOMMENDATION

Conduct Executive Session as appropriate.