



City of Sachse, Texas

Meeting Agenda

City Council

Monday, February 15, 2016

7:30 PM

Council Chambers

The Mayor and Sachse City Council request that all cell phones be turned off or set to vibrate. Members of the audience are requested to step outside the Council Chambers to respond or to conduct a phone conversation.

The City Council of the City of Sachse will hold a Regular Meeting on Monday, February 15, 2016, 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:

Invocation and Pledges of Allegiance to U.S. and Texas Flags.

A. Pledge of Allegiance to the Flag of the United States of America: I pledge allegiance to the flag of the United States of America, and to the Republic for which it stands: one nation under God, indivisible, with liberty and justice for all.

B. Pledge of Allegiance to the Texas State Flag: Honor the Texas flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.

1. CONSENT AGENDA.

ALL ITEMS LISTED ON THE CONSENT AGENDA WILL BE CONSIDERED BY THE CITY COUNCIL AND WILL BE ENACTED BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OF THESE ITEMS UNLESS A COUNCIL MEMBER OR CITIZEN SO REQUESTS.

[16-3221](#) Approve the minutes of the February 1, 2016 workshop meeting.

Attachments: [02.01.16 Minutes Workshop](#)

[16-3222](#) Approve the minutes of the February 1, 2016 regular meeting.

Attachments: [02.01.16 Minutes](#)

[16-3212](#) Approve a resolution adopting the FEMA approved 2015 Dallas County Hazard Mitigation Action Plan (HazMAP).

Attachments: [City of Sachse Annex](#)

[Resolution](#)

[16-3193](#) Consider acceptance of the Quarterly Budget and Investment Report for the quarter ended December 31, 2015.

Attachments: [1st Quarter 2016 Budget Report](#)

[1st Quarter 2016 Investment Report](#)

2. MAYOR AND CITY COUNCIL ANNOUNCEMENTS REGARDING SPECIAL EVENTS, CURRENT ACTIVITIES, AND LOCAL ACHIEVEMENTS.

3. CITIZEN INPUT.

The public is invited at this time to address the Council. The Mayor will ask you to 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.

4. REGULAR AGENDA ITEMS.

[16-3227](#) Receive Sachse Police Department's 2015 Year in Review.

Attachments: [2015 SPD Annual Review](#)

[16-3228](#) Conduct a public hearing to consider and act on a request for a Special Use Permit for Automotive Sales and Major Automotive Repair on approximately 0.459 acres of land, generally located at 6404 Industrial Drive, currently zoned Industrial (I-1).

Attachments: [Staff Presentation](#)

[Proposed SUP Ordinance](#)

[16-3230](#) Consider a resolution approving purchase orders in the amount not to exceed eighty thousand dollars (\$80,000.00) to Reynolds Asphalt and Construction Company, Incorporated for asphalt roadway improvement projects.

Attachments: [Presentation](#)

[Resolution](#)

[Exhibit A](#)

[Exhibit B](#)

[Exhibit C](#)

5. ADJOURNMENT.

Vision Statement: Sachse is a friendly, vibrant community offering a safe and enjoyable quality of life to all who call Sachse home.

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

As authorized by Section 551.072(2) of the Texas Government Code, this meeting 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.

Posted: February 12, 2016; 5:00 p.m.

Michelle Lewis Sirianni, City Secretary

If you plan to attend this public meeting and you have a disability that requires special arrangements, please contact Michelle Lewis Sirianni, City Secretary, at (972) 495-1212, 48 business hours prior to the scheduled meeting date.



City of Sachse, Texas

Legislation Details (With Text)

File #: 16-3221 **Version:** 1 **Name:** February 1, 2016 Council Workshop minutes.
Type: Agenda Item **Status:** Agenda Ready
File created: 2/4/2016 **In control:** City Council
On agenda: 2/15/2016 **Final action:**
Title: Approve the minutes of the February 1, 2016 workshop meeting.
Sponsors:
Indexes:
Code sections:
Attachments: [02.01.16 Minutes Workshop](#)

Date	Ver.	Action By	Action	Result
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Title

Approve the minutes of the February 1, 2016 workshop meeting.

Background

Minutes of the February 1, 2016 workshop meeting.

Policy Considerations

None.

Budgetary Considerations

None.

Staff Recommendations

Approve the minutes of the February 1, 2016 workshop meeting.

CITY COUNCIL OF THE CITY OF SACHSE
WORKSHOP MEETING MINUTES
FEBRUARY 1, 2016

The City Council of the City of Sachse held a workshop meeting on Monday, February 1, 2016 at 6:30 p.m. at Sachse City Hall, 3815-B Sachse Road, Sachse, Texas. Those present were Mayor Mike Felix, Mayor Pro Tem Brett Franks, Council Members Charlie Ross, Paul Watkins, Bill Adams, Jeff Bickerstaff, and Cullen King. City Manager, Gina Nash; City Secretary, Michelle Lewis Sirianni; Director of Public Works and Engineering, Greg Peters; Community Development Director, Dusty McAfee; Chief of Police, Bryan Sylvester; Interim Fire Chief, Marty Wade; Finance Director, Teresa Savage; Parks and Recreation Director, Lance Whitworth, and Human Resources Director, Stacy Buckley.

Mayor Felix called the meeting to order at 6:33 p.m.

DISCUSS SIDEWALK MAINTENANCE POLICIES:

Mr. Peters introduced this item by providing an overview of the City's current replacement methods, which include the standard replacement and using a sidewalk sucker. The City's current policy is to maintain all sidewalks in the public right-of-way and is handled within the Public Works Street Department. Mr. Peters explained that the cost of this work has historically been paid for through the Public Works Budget. However, for 2015-2016, a separate budget line item for sidewalk and alley replacement was included. The City currently has 107 active requests. Staff typically receives six to eight requests per month and visits each site to assess the condition. Repairs are made based upon priority determined by the condition of the sidewalk panel and the potential trip hazard. Mr. Peters stated that the challenges staff face include condition challenges, the amount of requests received, and the cultural challenge of either not knowing a problem exists or requesting sidewalk replacement for cosmetic appearance. Mr. Peters discussed policies that have been implemented in surrounding cities as well as condition types. Staff is seeking feedback on the current policy for sidewalk replacement, including any potential changes.

Councilman Adams liked the idea of using the 1" trip hazard as a determining factor; the idea of using a 50/50 cost match depending on the socioeconomic conditions; and would be opposed to paying for cosmetic repairs, but if property owner was insistent on repair, then maybe using the 50/50 cost match.

Councilman King suggested prioritizing repair based on the 1" or greater trip hazard and if a property owner requested for it to be done sooner, then possibly using the 50/50 cost match; if a cosmetic repair was requested, then property owner would pay 100%. Councilman King stated his primary concern would be safety first.

Councilman Watkins asked how often the Public Works Department re-evaluates the condition of the requests and how much a one to two panel replacement would cost. Mr. Peters responded they are done annually or by the citizen contacting them. If the replacement is done by the City, the

estimated cost is \$5.00 per square foot and would be higher if a contractor was hired. Mr. Peters commented that a four panel replacement takes roughly two hours to complete. Councilman Watkins also liked the idea of using the 1" or greater trip hazard guideline and suggested some form of split (80/20 or 90/10) for cosmetic.

Mayor Pro Tem Franks stated that he likes the idea of a 50/50 cost sharing with fixing the worst sidewalks first. Mayor Pro Tem Franks stated that he would like to see the cost comparison of the city replacing versus a contractor.

Councilman Bickerstaff asked if the department has done PASER ratings for the sidewalks. Mr. Peters responded that they have not rated the sidewalks with PASER ratings. Councilman Bickerstaff stated that he also likes the 1" or greater trip hazard and the possibility of using the 50/50 cost sharing or a 'buy down program' based on the property owner negotiating time repair is completed based on contribution.

Councilman Ross questioned what would help alleviate the labor intensive part of these repairs. Councilman Ross asked if the department relies on the citizens to report issues or is the department proactive in checking, and if the request are always placed on the list or have they ever been denied. Mr. Peters responded that staff does look around if they are out on other projects, but the majority are based on citizens reporting their concerns, and the requests are always placed on the list. Councilman Ross suggested that if the requests are cosmetic only and have less than a 1" trip hazard, they would not qualify therefore, would not be placed on the list. He would consider 50/50 cost share or having property owner pay 100% for cosmetic repairs, but would like to see specific cost data. Safety gets top priority.

Mayor Felix stated that he is in agreement with using the 1" or greater trip hazard, using a 75/25 or 50/50 cost share with the property owner in order to have completed sooner, and agrees with having a property owner pay 100% for cosmetic repairs.

No action was taken.

ADJOURNMENT: At 7:24 p.m. Mayor Felix adjourned the meeting.

MIKE J FELIX, MAYOR

ATTEST:

Michelle Lewis Sirianni, City Secretary



City of Sachse, Texas

Legislation Details (With Text)

File #: 16-3222 **Version:** 1 **Name:** February 1, 2016 Council minutes.
Type: Agenda Item **Status:** Agenda Ready
File created: 2/4/2016 **In control:** City Council
On agenda: 2/15/2016 **Final action:**
Title: Approve the minutes of the February 1, 2016 regular meeting.
Sponsors:
Indexes:
Code sections:
Attachments: [02.01.16 Minutes](#)

Date	Ver.	Action By	Action	Result
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Title

Approve the minutes of the February 1, 2016 regular meeting.

Background

Minutes of the February 1, 2016 regular meeting.

Policy Considerations

None.

Budgetary Considerations

None.

Staff Recommendations

Approve the minutes of the February 1, 2016 regular meeting.

CITY COUNCIL OF THE CITY OF SACHSE

MEETING MINUTES

FEBRUARY 1, 2016

The City Council of the City of Sachse held a regular meeting on Monday, February 1, 2016 at 7:30 p.m. at Sachse City Hall, 3815-B Sachse Road, Sachse, Texas. Those present were Mayor Mike Felix, Mayor Pro Tem Brett Franks, Council Members Charlie Ross, Paul Watkins, Bill Adams, Cullen King, and Jeff Bickerstaff; City Manager, Gina Nash; City Secretary, Michelle Lewis Sirianni; City Engineer, Greg Peters; Community Development Director, Dustin McAfee; Parks and Recreation Director, Lance Whitworth; Human Resources Director, Stacy Buckley; Interim Fire Chief, Martin Wade; Police Chief, Bryan Sylvester, and Finance Director, Teresa Savage.

Mayor Felix opened the meeting at 7:40 p.m.

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

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 Council member or citizen so requests. **16-3208** Approve the minutes of the January 18, 2016 workshop meeting. **16-3219** Approve the minutes of the January 18, 2016 regular meeting. **16-3216** Consider a contract with KCK Utility Construction for Emergency Sewer Repair. **16-3210** Consider approval of the Monthly Revenue and Expenditure Report for the period ending December 31, 2015. **16-3209** Consider approval of an ordinance calling the May 7, 2016 City Council General Election. **16-3218** Consider approval of a purchase order to TX Services in the amount of \$45,601.00 for replacement of Opticom Emergency Vehicle Pre-emption equipment at seven street intersections in the City of Sachse, Texas, through the Buy Board Purchasing Cooperative, #432-13.

Councilman Adams made a motion to approve items 16-3208, 16-3219, 16-3216, 16-3210, 16-3209 and 16-3218 as submitted. Mayor Pro Tem Franks seconded that motion and the motion was unanimously approved.

MAYOR AND CITY COUNCIL ANNOUNCEMENTS REGARDING SPECIAL EVENTS,

Councilman Ross stated that the Library had 279 attendees at the *Star Wars* Party. The Library continues to increase their attendance in their events and commended the Library staff for their hard work. On Tuesday, February 9 at 6:00 p.m., the Library will host a Valentines Themed Willy

Wonka Party. Councilman Ross noted that February is Photography month at the Library and will be displaying works; entries due by February 13. Lastly, Story Times are held Thursday's at 11:00 a.m.

Mayor Felix stated that the Relay For Life kicks off with their Team Prep Nights on Tuesday, February 2 at 6:30 p.m. and on February 6 and February 13, CERT will be holding classes at North Place Church.

16-3213 Proclamation declaring the week of February 15, 2016 Wylie ISD Education Foundation Week.

Mayor Felix presented a Proclamation to Jordan Adams and Candy Arrington with the Wylie ISD Foundation for their surpassing the one million dollar mark of giving back to Wylie ISD and its students.

16-3214 Proclamation recognizing Boy Scout Troop 243.

Mayor Felix presented a Proclamation to Robert Halliday, Kirk Woods, and Nathan Liehr recognizing Troop 243 as a newly formed troop located in Sachse and chartered by the Boy Scouts of America by North Pointe Church of Sachse.

CITIZENS INPUT:

Martha Custer, 6605 Eastview Drive, Sachse stated that she believes the speed limit on Pleasant Valley Road is too low and is a speed trap. She would like to see the speed limit changed back to 40 or 45 mph. She is in opposition to the large trash trucks, but feels the speed limit is too low.

Sandra Ritzmann, 9509 Wells Road, Wylie stated that due to the increased traffic on Pleasant Valley Road, she believes the speed limit is too low and is therefore opposed to the 30 mph.

Linda Knight, 2960 Whitley Road, Wylie stated she would like to see better control of the trash trucks and the debris that comes out of them. However, believes 40 mph is a more reasonable speed limit versus 30 mph and encourages Council to change it.

Christie Benator, 3605 Pleasant Valley Road, Sachse stated that Pleasant Valley Road is not a country road anymore and the speed limit definitely needed adjusted due to the trash trucks. She is in favor of the 30 mph. She believes that this speed limit will protect the safety of the residents from entering and leaving their driveways.

Michael Cuzzo, 3675 Pleasant Valley Road, Sachse stated that he is in favor of the 30 mph speed limit on Pleasant Valley Road and that 45 mph is too fast especially for the safety of the children that are getting onto the school buses.

REGULAR AGENDA ITEMS:

16-3215 Consider an agreement for the President George Bush Tollway Sewer Line by and between the Sachse Economic Development Corporation and the City of Sachse, Texas, acting by and through their respective authorized representatives.

Ms. Savage provided Council with the funding source status of this project. The final project cost of \$2,345,572.50 includes the bid to be awarded with the next agenda item as well as the City of Garland portion and contingency. The construction is slated to commence before March 1 and expected to be complete by or before October 1.

Council Bickerstaff made a motion to approve an agreement for the President George Bush Tollway Sewer Line by and between the Sachse Economic Development Corporation and the City of Sachse, Texas, acting by and through their respective authorized representatives. Councilman Ross seconded that motion and the motion was unanimously approved.

16-3205 Consider a resolution awarding the construction of the 3rd Sanitary Sewer Connection Garland construction project to Wilson Contractor Services, LLC in the amount not to exceed two million seventy-eight thousand eight hundred twenty-four dollars and ninety cents (\$2,078,824.90); authorizing its execution by the City Manager; and providing an effective date.

Mr. Peters introduced this item by stating this is the companion item to the previous agenda item. Mr. Peters provided an overview of the item by indicating the project location and project details, which included the goals and scope of the project. Seven bids were received for the project with the lowest qualified bid going to Wilson Contractor Services, LLC. Mr. Peters noted the funding sources for the project, which included the City, Sachse EDC and the President George Bush TIF district. Staff is recommending approval awarding the construction of the 3rd Sanitary Sewer Connection Garland construction project to Wilson Contractor Services, LLC in the amount not to exceed two million seventy-eight thousand eight hundred twenty-four dollars and ninety cents (\$2,078,824.90).

Councilman Watkins asked what the projected start date was and Councilman Ross asked if the design of the project would handle any flooding that could occur. Mr. Peters responded that the projected start date would be in February weather contingent and the design was based on the 100 year flood plain, so it would be able to withstand flooding.

Councilman Ross made a motion to award the construction of the 3rd Sanitary Sewer Connection Garland construction project to Wilson Contractor Services LLC in the amount not to exceed two million seventy-eight thousand eight hundred twenty-four dollars and ninety cents (\$2,078,824.90). Councilman Watkins seconded that motion and the motion was unanimously approved.

16-3211 Consider a resolution approving the terms and conditions of an agreement and first addendum thereto, by and between the City of Sachse, Texas, and Zambelli Fireworks Manufacturing Co. for a fireworks display on July 2, 2016, at Heritage Park.

Mr. Whitworth introduced this item stating that the annual Red, White, and Blue Blast is scheduled for Saturday, July 2, 2016. Staff is requesting feedback from Council regarding the Fireworks display for this year's event. The first option would be the same show as in previous years with the price increasing to \$15,000 due to industry price increases. The second option would provide for a bigger show with a 34% increase in the number of overall shells. The price would increase to \$20,000. Mr. Whitworth stated that the 2015-16 budget allocated for the City to pay \$14,100, Sachse EDC contributing \$6,500, and the sponsors and vendors at \$9,600. If Council chooses option one (\$15,000), the City portion would increase to \$3,200 (\$17,300) with the same EDC contribution (\$6,500) or the City portion would increase to \$2,200 (\$16,300) with an increase by EDC at \$1,000 (\$7,500). Option two (\$20,000) with the same contribution by EDC, the City portion would increase \$8,200 (\$22,300) or if the EDC contribution increased by \$3,500 (\$10,000) the City portion would increase to \$4,700 (\$18,800). Staff is asking Council on the policy direction as to their option preference and the requesting of funds from EDC based on the option selected.

Councilman Adams stated that he would like to see the show last a little longer. Councilman Watkins stated that he likes option two and would also like to see the show extended. Councilman Watkins commented that he would like to see the quality of the shells improved due to the duds and low grade shells during last year's show. Councilman Ross stated his concern is the additional spending and would like to a longer show if they can find funds without doing a budget amendment. Mayor Pro Tem Franks commented that he would also like to increase the duration of the show. Councilman King is concerned with what the City is not funding, as well as the length of the show. Councilman Bickerstaff likes option two with the duration no more than 30 minutes long, and requesting from EDC an additional \$10,000.

Mayor Pro Tem Franks made a motion to approve the terms and conditions of an agreement with Zambelli Fireworks with option two and the length of the show at no more than 30 minutes long. Councilman Adams seconded that motion. The motion passes with a 6-1 vote. Councilman King was opposed.

16-3190 Discuss and consider an ordinance of the City of Sachse, Texas, amending the Code of Ordinances by amending Chapter 4 titled "Business Regulation" by adding new section 4-15 titled "Special Events" to provide regulations and requirements for Special Events within the City.

Mr. Whitworth stated that this item has been before Council and staff is now bring an ordinance forward for consideration for a Special Events Policy within the City.

Mayor Pro Tem Franks made a motion to approve an ordinance amending the Code of Ordinances by amending Chapter 4 titled "Business Regulation" by adding a new section 4-15 titled "Special Events" to provide regulations and requirements for Special Events. Councilman Ross seconded that motion and the motion was unanimously approved.

EXECUTIVE SESSION:

16-3194 The City Council will convene into Executive Session pursuant to Texas Government Code, Section §551.071(2) to consult with the City Attorney to seek legal advice regarding the proposal to designate a portion of Pleasant Valley Road as a no truck route and legal authority to establish speed limits for Pleasant Valley Road.

At 8:52 p.m. the Council recessed into Executive Session.

At 9:59 p.m. the Council reconvened back into Regular Session.

No action was taken.

ADJOURNMENT:

At 10:00 p.m. Mayor Felix adjourned the meeting.

ATTEST:

MIKE J. FELIX, MAYOR

Michelle Lewis Sirianni, City Secretary



City of Sachse, Texas

Legislation Details (With Text)

File #:	16-3212	Version:	2	Name:	HazMAP P
Type:	Agenda Item	Status:		Status:	Agenda Ready
File created:	1/27/2016	In control:		In control:	City Council
On agenda:	2/15/2016	Final action:		Final action:	
Title:	Approve a resolution adopting the FEMA approved 2015 Dallas County Hazard Mitigation Action Plan (HazMAP).				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	City of Sachse Annex Resolution				

Date	Ver.	Action By	Action	Result
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Title

Approve a resolution adopting the FEMA approved 2015 Dallas County Hazard Mitigation Action Plan (HazMAP).

Background

The 2015 HazMAP is an update of the currently adopted 2009 HazMap. It encompasses the coordinated efforts of Dallas County and 22 local jurisdictions into one Hazard Mitigation Action Plan. Each local jurisdiction provided an annex to Dallas County to be included in the HazMAP. The entire HazMAP was submitted to FEMA for approval. It was conditionally approved by FEMA, pending local jurisdiction adoption in November 2015. The Dallas County Commissioners Court adopted the HazMAP on December 15, 2015. Although the information contained in the City of Sachse's Annex does not reflect recent changes, it is a valid part of the HazMAP. Revisions will be accepted soon to allow agencies the opportunity to update their information.

Policy Considerations

None.

Budgetary Considerations

None.

Staff Recommendations

Approve a resolution adopting the FEMA approved 2015 Dallas County Hazard Mitigation Action Plan.

City of Sachse Annex

This annex was prepared in 2013 as part of the update to the Dallas County Multi-Jurisdictional Hazard Mitigation Action Plan. The City of Sachse has a FEMA approved hazard mitigation plan. The city was one of the 11 jurisdictions that participated in the Dallas County Hazard Mitigation Action Plan that was adopted in 2009.

The City of Sachse was represented at the 2013 Countywide Dallas County Multi-Jurisdictional Hazard Mitigation Action Plan Working Group meetings. In addition to the countywide hazards and strategies discussed in the previous sections, this annex serves as a complete hazard mitigation planning tool for the City of Sachse. It contains updated capability assessment information, a specific vulnerability assessment, and a complete mitigation strategy. The methodology and process for developing this annex is explained throughout the following sections.



Introduction

Sachse is located at 32.5835 N and 96.6510 W. It sits directly north of Rowlett, northeast of Garland, east of Richardson, and south of southeast of Plano. It is at the far upper east corner of Dallas County. Texas State highway bisects Sachse in two halves.



William Sachse, who came to America from Herford, Prussia in 1840, was the founder of Sachse. At the age of 25, he arrived in Texas in 1845, securing 640 acres in Collin County. He later acquired an additional 5,000 acres. Sachse erected one of the first cotton mills and gins in the county. In 1886, William Sachse gave 100 feet of right-of-way frontage through all of his holdings to the railroad. In exchange, the railroad built a depot and named the town Sachse. When the railroad built the depot, signs at both ends of the building

read "Saxie". The mistake was later corrected reflecting the proper spelling, but as a result of the error, numerous legal documents during that time designated the town as "Saxie" (cityofsachse.com).

According to the 2010 U.S. Census Bureau, the population of Sachse is approximately 20,329. The racial makeup of the city is 63.7% White, 8.7% African American, 0.5% Native American, 11% Asian, 0.1% Pacific Islander, .2% from other races and 1.8% from two or more races. Hispanic or Latino is 13.9%. The city has a total area of 9.9 square miles with 9.2 square miles being land and 0.2 square miles water. There are approximately 6,972 housing units in the city consisting of single-family, multi-family, and other semi-permanent structure (i.e. mobile homes, manufactured housing, boats, and RVs) units.

The City of Sachse operates under the Council-Manager form of government. Council-Manager governments function with the City Manager appointed by the Council. The Manager is responsible for the day-to-day management of city activities. The Council sets policy for the city, adopts the annual budget, appoints committee members, and addresses requests from the community. The City Manager then administers the ordinances and resolutions approved by the City Council. In addition, the City Manager is responsible for all personnel matters in the city and for preparing and submitting an annual budget for Council review.



The City of Sachse’s economic development is attributed to its close proximity to surrounding cities and businesses. Currently, there are plans to redevelop along State highway 78. The city is also working on a plan for a multi-sport athletic complex that has the potential to expand profit for the city.

Internal Planning Process

The table below lists members of the City of Sachse Hazard Mitigation Planning Team (HMPT). These individuals collaborated to identify the city’s critical facilities, provide relevant plans, report on progress of mitigation actions and provide suggestion for mitigation actions for the City of Sachse.

Name	Title/Department or Agency	Role
Rick Coleman	Fire Chief / Emergency Management Coordinator, Fire Rescue Department	HMPT Coordinator, Hazard Identification, capabilities assessment
Marc Kurbansade	Director of Community Development	Hazard & Plan development, Hazard Identification, capabilities assessment, Building Codes and Land Use Data
Greg Peters	City Engineer	Hazard & Plan development, Hazard Identification, capabilities assessment, Hazard Identification, City Critical Infrastructure
Joe Crase	Director of Public Works	Provided of Flood Plain information, Hazard Identification, capabilities assessment
Marty Cassidy	Lieutenant Sachse Police Department	Hazard & Plan development, Hazard Identification, capabilities assessment
Jackie Cottongame	Dispatch Supervisor	Hazard & Plan development, Hazard Identification, capabilities assessment

The Hazard Mitigation Planning Team (HMPT) met regular during the planning process data needs and to organize data collection. Sources used to obtain the data needed for the plan are provided in the table below:

Source	Data Incorporation	Purpose
City and County Appraisal Data 2012	Population and demographics	Population counts, parcel data and land use data
Regional Hazard Assessment Tool and Dallas County Local Mitigation Strategy 2009 (DaLMS)	Hazard occurrences	Mapping for all hazards but wildfire
National Climatic Data Center (NCDC)	Hazard occurrences	Previous event occurrences and mapping for all hazards
International Building Codes, 2009	Local codes and ordinances	Ensure buildings meet applicable mitigation standards
International Fire Codes, 2009	Local codes and ordinances	Ensure buildings meet applicable mitigation standards
National Dam Inventory	Dam information	High Hazard Dam list
FEMA DFIRM Flood Zones	Flood Zone Maps	GIS mapping of flood zones

A summary of the HMPT meetings are listed below:

Meeting Dates	Summary of Discussions
7/18/13	Planning meeting with HAZMAP team - Overview of the Hazard Mitigation Planning Process and understanding of the Planning requirements. Kickoff meeting
7/24/13	County Planning Meeting in Richardson
7/24/13	Sachse Team Planning meeting - HMPT prepared for HIRA meeting and data compilation. Forwarded survey information to IT department, library and water billing offices to include announcements for public input and participation in the planning
8/14/13	Team meeting - Reviewed the Dallas County HIRA and conducted a risk assessment for the city in respect to the Dallas County HIRA.
8/21/13	Team meeting - Identified hazards and estimated potential losses from future hazard events. Identified vulnerable areas in the community.
9/15/13	Team meeting - Review of the Hazard Mitigation Deliverables provided by Dallas County HSEM. Discussed potential mitigation actions to address the identified risks. Agreed on the Mitigation Goals and Objectives
10/01/13	Team meeting - Discussed city capabilities and worksheets to determine appropriate department to address specific capabilities discussed in worksheet
10/03/13	Assign Deliverables to deserving team members
10/08/13	Research 2009 plan - Review action items and completed Mitigation Strategy forms. Reviewed public input.
10/09/13	Review Wild land Urban Interface
10/11/13	Review Dam Mitigation Plan
10/16/13	Preliminary research and work on HIRA
10/23/13	Complete the HIRA
10/30/13	Complete Deliverables - Key staff completed draft capabilities assessment
10/31/13	Finalization of HAZMAP - Key staff assisted in the development of the first draft of City's Annex to the HAZMAP.
12/18/13	Final input into plan

Public Involvement

In April 2013, an online survey was distributed county-wide to solicit public input regarding the concern for risk to natural hazard events and suggestions for how the county could help minimize the risk.

The City of Sachse notified residents and businesses in the county about the opportunity to participate or provide input during the plan development through their city's website, public notices in their utilities bill as well on the notice boards at City Hall and the Public Library. The notices directed the public to the online survey. The survey was made available in both English and Spanish. Copies of city's outreach materials are included in Appendix Section.

Survey Results Overview

The City of Sachse made available a public survey that asked a wide range of questions concerning the opinions of the public regarding natural and man created hazards. The survey questions were developed and approved by the Dallas County Hazard Mitigation Working Group. The survey was linked to the city's website and public outreach program was implemented to solicit public input.

A total of 23 survey responses were collected, the results of which are analyzed in this section. As has been stated earlier the purpose of the survey was to:

- 1) Solicit public input during the planning process, and
- 2) Help the city to identify any potential actions or problem areas.

Despite outreach efforts, only 23 responses were received. Of these 23, 21 respondents completed the survey. Majority of the respondents identified extreme heat, high winds, hail, drought, and tornados as the most likely to occur in the city (had an average rating of above 3.00). In terms of impact the respondents identified tornados, high winds and drought as the top three hazards perceived to have the most impact with 71 percent, 52 percent and 47 percent respectively. Overall the City of Sachse Hazard Mitigation Planning Team determined that all these hazards identified by the community were significant and matched to a large extent the planning considerations of the team. The responses regarding hazard concern will help the city improve messaging and outreach efforts regarding realistic risk of these hazards. Majority of the respondents indicated they would like to see an increase in public outreach programs (i.e. CERT) and better enforcement of building codes; expanded use of mass notification systems including outdoor warning siren system; and water conservations strategies as the top three mitigation strategies that would best suit the City of Sachse.

The results of the survey provide valuable information for the City of Sachse hazard mitigation efforts. These responses may be used as a bench mark for future measurements of improvement. For example, the city may choose to focus on educational outreach about what homeowners and renters can do to reduce future damage from natural hazards. After this type of implementation, a similar survey may be administered to validate the progress and confirm that more residents have implemented mitigation practices. The survey allowed the city an opportunity to expand the list of stakeholders. As the city continues to increase

awareness of hazard mitigation, the suggested stakeholders will be considered for involvement in future mitigation planning discussions.

The City of Sachse will consider the recommendations provided by the survey respondents regarding how the local government can help residents prepare for an event, throughout the life of this plan and prioritize those that can be implemented efficiently and effectively

A summary of the survey results are depicted below showing the responses and the number of respondents for each answer. Detailed responses to the survey are provided in Appendix C-1 of this annex.

Survey Summary

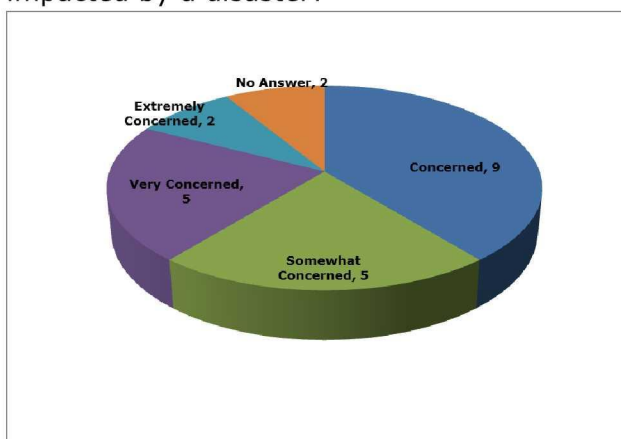
1. Please select your jurisdiction from the list. You may only select one jurisdiction for each survey completed. If you belong to more than one jurisdiction in this list, please complete multiple surveys.

✓ Total number of responses submitted from the citizens of the City of Sachse - 23

2. Have you ever experienced or been impacted by a disaster?



3. How concerned are you about the possibility of your community or jurisdiction being impacted by a disaster?



4. The hazards addressed in the Dallas County Hazard Mitigation Action Plan are listed below. Please indicate your opinion for each hazard to impact your jurisdiction (identified above). Please rate each Hazard as follows.

- ✓ Unlikely
- ✓ Occasional
- ✓ Likely
- ✓ Highly Likely

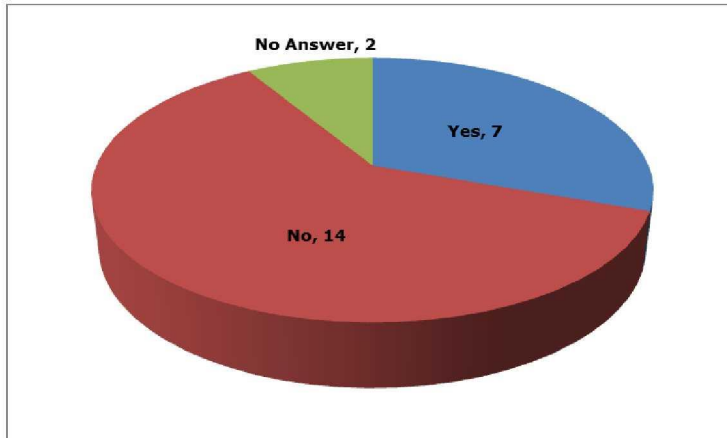
	Unlikely	Occasional	Likely	Highly Likely	Skipped	Total Answered	Average Rating
Summer Heat	0	0	1	20	2	21	3.95
High Winds	0	0	4	17	2	21	3.81
Hail	0	0	6	15	2	21	3.71
Drought	0	2	3	16	2	21	3.67
Tornado	0	3	5	13	2	21	3.48
Winter Storms	2	7	7	5	2	21	2.71
Flooding	5	9	4	3	2	21	2.24
Stream Bank Erosion	14	3	4	0	2	21	1.52
Earthquake	16	3	1	0	3	20	1.25
Dam Failure	17	3	1	0	2	21	1.24
Levee Failure	17	4	0	0	2	21	1.19

5. The hazards addressed in the Multi-Jurisdictional Hazard Mitigation Plan are listed below. Please indicate your opinion on the potential magnitude or impact of each hazard's impact on YOUR JURISDICTION (identified above). Please rate EACH hazard as follows.

- ✓ Limited ✓ Major
- ✓ Minor ✓ Substantial

	Limited	Minor	Major	Substantial	Skipped	Total Answered
Tornado	0	1	5	15	2	21
High Winds	0	2	8	11	2	21
Drought	1	3	7	10	2	21
Hail	0	2	11	8	2	21
Summer Heat	1	5	8	7	2	21
Winter Storms	3	10	6	1	3	20
Earthquake	14	5	2	0	2	21
Flooding	6	7	8	0	2	21
Dam Failure	14	3	4	0	2	21
Stream Bank Erosion	14	5	2	0	2	21
Levee Failure	14	3	3	0	3	20

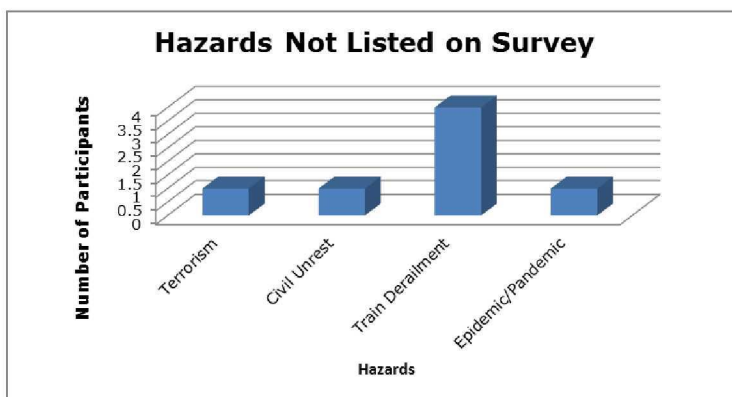
6. Is there another hazard not listed above that you think is a wide-scale threat to your jurisdiction?



If "Yes", please list the hazard(s) you think are a wide-scale threat that are not listed. Also rate each hazard you list above using the criteria description provided i.e.

- Occurrence (Unlikely, Occasional, Likely or Highly Likely);
- Severity or Impact (Low, Medium, High or Catastrophic); and
- Extent (Low, Medium, High or Catastrophic)

Type of Hazard	Amount
Chemical/ HazMat	3
Terrorism	1
Civil Unrest	1
Train Derailment	4
Epidemic/Pandemic	1



7. Below are broad mitigation strategies identified in the Dallas County Hazard Mitigation Action Plan (HazMAP) that are to address the hazards that affect the jurisdictions in the plan. In your opinion, please check which of these mitigation strategies do you believe could benefit your jurisdiction:

Answer Choices	Responses
Total Respondents:	21
Expand and improve on programs such as the Community Emergency Response Teams (CERT) Training, Public Education and Public Awareness Programs:	20
Expanded use of CodeRED and other mass notification systems including outdoor warning siren system, and working better with the Nation Weather Service to monitor weather events:	17
Water conservation strategies to include passing resolutions restricting water use for lawn and landscape irrigation; provide low follow devices to property owners:	15
Implement the Texas Individual Tornado Safe Room Rebate Program:	14
Purchase and install lightning prediction and protection devices such as lightning arrestors and lightning rods to protect communications and utility infrastructure:	13
Purchase and improve on the Weatherization Assistance Program (WAP):	10
Flood Plain Management to include Localized Flood and Soil Erosion Reduction Projects (storm water management or localized flood control projects, and Cast in Place (CIP) Erosion Control):	9
Improve, adopt and enforce building codes:	9
Improve on Land Use Program	6
Participate in the National Flood Insurance Program (NFIP) and Community Rating System (CRS) program:	6
Purchase and install temperature monitoring devices on the elevated roadways that are susceptible to icing:	6
Conduct an earthquake vulnerability study:	4
Structural Retrofitting of Existing Buildings:	4
Coordinate with Dam owners to conduct inundation studies of dams:	2

List any other strategies you think should be included in the plan (themed responses)

- ✓ Community Shelters"
- ✓ "Improvement of Water Irrigation Systems"

NB: 2 respondents skipped this question

8. Below are broad mitigation strategies identified in the Dallas County Hazard Mitigation Action Plan (HazMAP) that are to address the hazards that affect the jurisdictions in the plan. In your opinion, please check which of these mitigation strategies do you believe could benefit your jurisdiction: - List any other strategies you think should be included in the plan

- a. "Programs focused on educating the public how to better prepare for emergencies."

Public Review Period

On December 3rd, 2013 the City of Sachse announced the availability of the City of Sachse's Annex Draft Plan as part of the Dallas County HazMAP update for public review and comment. A public announcement was made through our website that invited the public to provide input into both the Dallas County Base Plan and the City of Sachse Annex Draft Plan. Invitations were also made to various external stakeholders via email and phone call. These included the Emergency Management Coordinators for the City of Wylie and Collin County.

The announcement provided a 14 day public review and comment period. The public were encouraged to submit comments prior to December 13th, 2013, for consideration and possible incorporation into this draft.

The public comments were directed to the Fire Chief, Rick Coleman with the City of Sachse. Any comments received after the review process will be catalogued for consideration in future updates. Copies of the website positing, email distribution and posters are included in the appendix section of this annex.

Capability Assessment

The City of Sachse identified current capabilities and mechanisms available for implementing hazard mitigation activities. The administrative and technical capacity section includes a summary of departments and their responsibilities associated with hazard mitigation planning as well as codes, ordinances, and plans already in place associated with hazard mitigation planning.

Key Departments: Key department involved in hazard mitigation activities in the City of Sachse include:

1. Sachse Fire Department

The Sachse Fire Department provides the following services:

- ✓ Fire Response
- ✓ Medical Emergencies
- ✓ Rescue Services

The goal of the department is to protect the lives and property of those in the community.

Non-emergency services the department is involved in include:

- ✓ Building fires or fire alarms
- ✓ Vehicle accidents involving injury or extrication
- ✓ Injured and sick citizens
- ✓ Hazardous materials incidents
- ✓ Animal rescue
- ✓ Assistance for the disabled and elderly
- ✓ Community education

Other functions of the Sachse Fire Department include:

- ✓ Community Emergency Response Team (CERT): CERT refers to a group of people who receive special training to enhance their ability to recognize, respond to, and recover from emergency and disaster situations. Teams are trained to take care of themselves and others before, during, and after an emergency
- ✓ Fire Marshal's Office: The Fire Marshal's Office oversees Code Enforcement, Public Education, Permits, Fees and Codes.
- ✓ EMS: Sachse Fire Rescue (SFR) has full-time and part-time staff including EMT-basics and paramedics and three fully-staffed ambulances

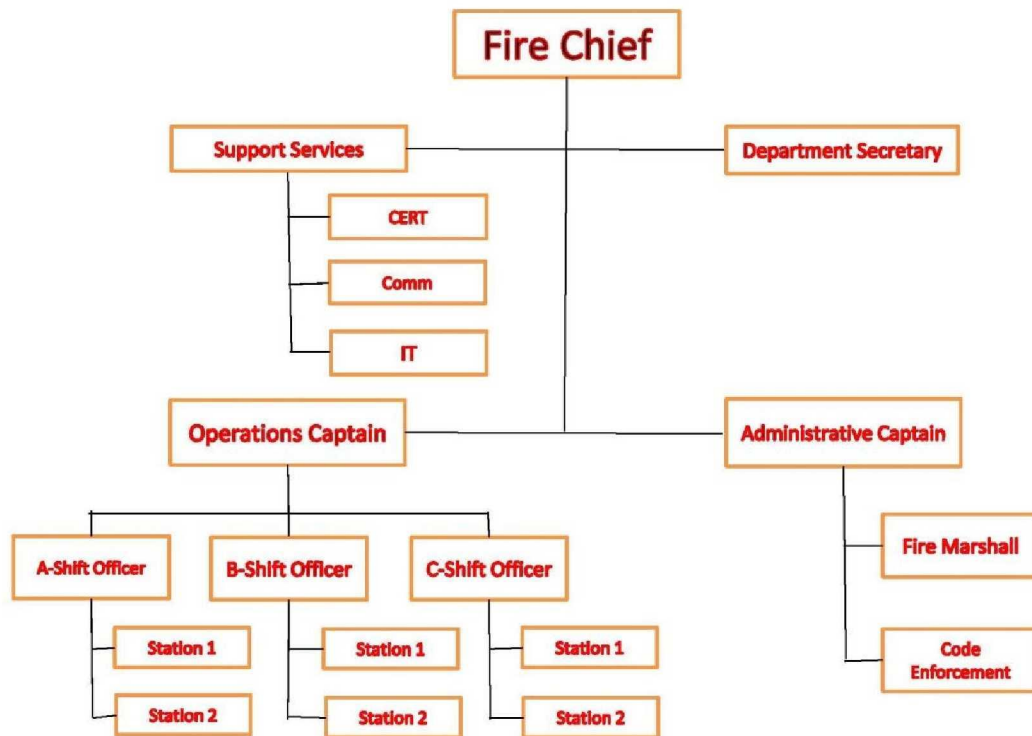
2. Emergency Management

The Emergency Management Department's primary role is to develop the capabilities to mitigate, prepare, respond, and recover from disasters that threaten the City of Sachse.

The responsibilities of the EM department include:

- ✓ Identify roles and responsibilities in case of disaster
- ✓ Ensure Emergency Management Manual is current and city employees understand roles in the event of an emergency
- ✓ Implement public education in emergency preparedness
- ✓ Ensure city's compliance with NIMS (National Integrated Management System for responders) and ICS (Incident Command System)
- ✓ Submit grants from Homeland Security, FEMA, and other federal, state and local organizations

Figure CS 1: City of Sachse Fire Rescue Department Organizational Chart



3. Public Works

The Public Works Department provides, operates, and maintains the utility and infrastructure systems that perpetuate a superior quality of life for our community. The department is responsible for protecting the public welfare and providing basic services that affect citizens on a daily basis who live and work in Sachse. These services include streets, water utilities, drainage system, water distribution and wastewater collection.

4. Community Development

The Community Development Department provides the community with the interpretation and application of regulations in accordance with the community established standards related to:

- ✓ Construction
- ✓ Development
- ✓ Zoning

The responsibilities of the department include:

- ✓ Review, approve and inspect development projects, construction projects and related activities
- ✓ Contractor registration
- ✓ Issue permits
- ✓ Zoning
- ✓ Enforce health and maintenance codes
- ✓ Facilities Maintenance

6. Engineering Department

The City of Sachse Engineering Department provides services to the city's stakeholders in the following areas of responsibility:

- ✓ Citizen inquiry response
- ✓ City departmental support
- ✓ City Engineering Department advancement
- ✓ Construction plan review
- ✓ Engineering expertise advancement
- ✓ Engineering study management
- ✓ Interagency coordination
- ✓ Major infrastructure project management

7. Police Department

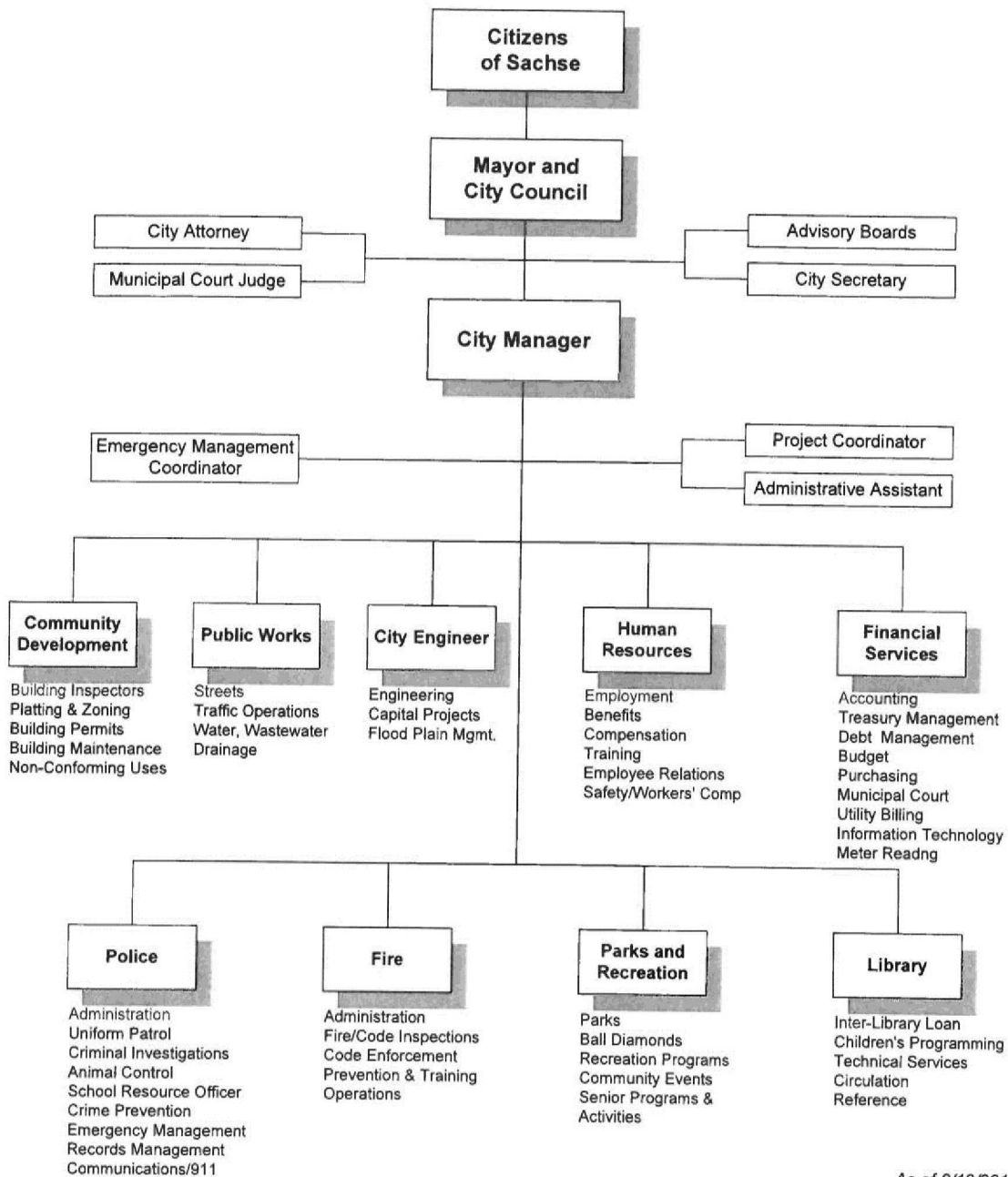
The Sachse Police Department provides law enforcement protection and services to people within the jurisdiction. These services include:

- ✓ Crime Prevention
- ✓ Community Outreach
- ✓ Criminal Investigation
- ✓ Community Patrol
- ✓ Animal Control
- ✓ Records and Evidence Management
- ✓ Presence In and Around Schools

Staffing of the Police Department consists of:

- ✓ Police Chief
- ✓ Support Division
- ✓ Patrol Division
- ✓ Criminal Investigators
- ✓ Patrol Officers
- ✓ Patrol Supervisors
- ✓ School Resource Officers
- ✓ School-Crossing Guards

Figure CS 2: City of Sachse Organizational Chart



As of 8/19/2010

Summary of Capabilities

The tables below identify the current capabilities in the City of Sachse.

Planning and Regulatory

Plans	Yes/No Year	Does the plan Address hazards?
		Does the plan identify projects to include in the mitigation Strategy?
		Can the plan be used to implement mitigation actions?
Comprehensive/Master Plan	Yes 2010	1. Yes 2. Yes 3. Yes
Capital Improvements Plan	Yes 2012	1. Yes 2. Yes 3. Yes
Economic Development Plan	Yes 2010	1. Yes 2. Yes 3. Yes
Local Emergency Operations Plan	Yes 2010	1. Yes 2. Yes 3. Yes
Continuity of Operations Plan	Yes 2010	1. Yes 2. Yes 3. Yes
Transportation Plan	Yes 2010	Part of the Comprehensive Plan
Storm water Management Plan	Yes 2010	Part of the Comprehensive Plan
Community Wildfire Protection Plan	No	
Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	No	

Building Code, Permitting, and Inspections	Yes/No	
Building Code	Yes	Version/Year: IBC 2009, NEC 2008
Building Code Effectiveness Grading Schedule (BGEES) Score		Score:
Fire Department ISO rating	Yes	Rating: 3, 2005
Site Plan review requirements	Yes	Yes
Land Use Planning and Ordinances	Yes/No	Is the ordinance an effective measure for reducing hazard impacts? Is the ordinance adequately administered and enforced?
Zoning ordinance	Yes	1. Yes 2. Yes
Subdivision ordinance	Yes	1. Yes 2. Yes
Floodplain ordinance	Yes	1. Yes 2. Yes
Natural hazard specific ordinance (storm-water, steep slope, wildfire)	Yes	1. Storm water 2. Yes
Flood insurance rate maps	Yes	TML
Acquisition of land for open space and public recreation uses	Yes	1. Yes 2. Yes
How can these capabilities be expanded and improved to reduce risk?		
150 rating is slated for review in 2016, a lower rating is expected.		
Land-use planning and ordinances are reviewed annually for efficiency.		

Administrative and Technical

Administration	Yes/No	Describe capability Is coordination effective?
Planning Commission	Yes	Planning and Zoning Committee recommending body
Mitigation Planning Committee	Yes	Meet and recommend quality
Maintenance programs to reduce risk (e.g., tree trimming , clearing drainage systems)	Yes	Public Works, Parks and Recreation, Health Dept., and Inspections
Mutual aid agreements	Yes	Mutual aid agreements and Dallas County for public safety
Staff	Yes/No FT/PT	Is staffing adequate to enforce regulations? Is staff trained on hazards and mitigation? Is coordination between agencies and staff effective?
Chief Building Official	FT	Yes; Yes; Yes
Floodplain Administrator	FT	Yes; Yes; Yes
Emergency Manager	PT	Yes; Yes; Yes
Community Planner	FT	Yes; Yes; Yes
Civil Engineer	FT	Yes; Yes; Yes
GIS Coordinator	PT	Yes; Yes; Yes
Other	N/A	N/A
Technical	Yes/No	Describe capability Has capability been used to assess/mitigate risk in the past?
Warning systems/services (Reverse 911, outdoor warning signals)	Yes	1. Reverse 911 and outdoor warning system 2. Yes
Hazard data and information	Yes	Required access to MSDS as well as BOSF railway
Grant writing	No	
Hazardous analysis	Yes	Access to level 1-3 hazard analysis
Other	N/A	
How can these capabilities be expanded and improved to reduce risk?		
Keeping abreast of the most updated information and practice utilizing these tools		
Hire more staff		

Financial

Funding Resources	Access/ Eligibility (Yes/No)	Has the funding resource been used in past and for what type of activities?
		Could the resource be used to fund future mitigation actions?
Capital Improvements project funding	Yes	1. Infrastructure 2. Yes
Authority to levy taxes for specific purposes	Yes	1.Raise property taxes; bonds 2. Yes
Fees for water, sewer, gas or electric services	Yes	1. Water and sewer 2.No
Impact fees for new development	Yes	1. Yes – New Construction 2. No
Storm water utility fee	N/A	N/A
Incur debt through general obligation bonds and/or special tax bonds	Yes	1. Infrastructure 2.No
Incur debt through private activities	No	
Community Development Block Grant	Yes	1. Yes 2. Yes
Other federal funding programs	No	
State funding programs	Yes	1. Infrastructure 2. Yes
Other	N/A	N/A
How can these capabilities be expanded and improved to reduce risk?		
Explore options for Federal Funding Opportunities Hire more staff		

The Finance Department is a crucial component to managing the financial aspect of implementing mitigation actions.

Education and Outreach

Program/Organization	Yes/No	Describe program/organization and how relates to disaster resilience and mitigation. Could the program/organizations help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	Yes	Citizen Emergency Response Team
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Fire Marshal's office Community Development City Health Department
Natural disaster or safety related school programs	Yes	Garland Independent School District Wylie Independent School District
StormReady certification	Yes	Maintained by Emergency Management Yes
Firewise Communities certification	No	Implement 2016
Public-private partnership initiatives addressing disaster-related issues	Yes	CERT and RACES Garland and Dallas County Health
Other	N/A	
How can these capabilities be expanded and improved to reduce risk?		
Garland and Dallas County Health for immunization, Community Emergency Response Team and RACES involvement in disaster response training		

Safe Growth Audit

Comprehensive Plan	Yes	No
Land Use		
1. Does the future land-use map clearly identify natural hazard areas?	✓	
2. Do the land-use policies discourage development or redevelopment within natural hazard areas?	✓	
3. Does the plan provide adequate space for expected future growth in areas located outside natural hazard areas?	✓	
Transportation		
1. Does the transportation plan limit access to hazard areas?		✓
<i>Work on implementing by 2014</i>		
2. Is transportation policy used to guide growth to safe locations?	✓	
3. Are movement systems designed to function under disaster conditions (e.g., evacuation)?	✓	
Environmental Management		
1. Are environmental systems that protect development from hazards identified and mapped?	✓	
2. Do environmental policies maintain and restore protective ecosystems?	✓	
3. Do environmental policies provide incentives to development that is located outside protective ecosystems?	✓	

Public Safety		
1. Are the goals and policies of the comprehensive plan related to those of the FEMA Local Hazard Mitigation Plan?	✓	
2. Is safety explicitly included in the plan's growth and development policies?	✓	
3. Does the monitoring and implementation section of the plan cover safe growth objectives?	✓	
Zoning Ordinance	Yes	No
1. Does the zoning ordinance conform to the comprehensive plan in terms of discouraging development or redevelopment within natural hazard areas?	✓	
2. Does the ordinance contain natural hazard overlay zones that set conditions for land use within such zones?	✓	
3. Do rezoning procedures recognize natural hazard areas as limits on zoning changes that allow greater intensity or density of use?	✓	
4. Does the ordinance prohibit development within, or filling of, wetlands, floodways, and floodplains?	✓	
Subdivision Regulations	Yes	No
1. Do the subdivision regulations restrict the subdivision of land within or adjacent to natural hazard areas?	✓	
2. Do the regulations provide for conservation subdivisions or cluster subdivisions in order to conserve environmental resources?		✓
3. Do the regulations allow density transfers where hazard areas exist?		✓

Capital Improvement Program and Infrastructure Policies	Yes	No
1. Does the capital improvement program limit expenditures on projects that would encourage development in areas vulnerable to natural hazards?	✓	
2. Do infrastructure policies limit extension of existing facilities and services that would encourage development in areas vulnerable to natural hazards?	✓	
3. Does the capital improvement program provide funding for hazard mitigation projects identified in the FEMA Mitigation Plan?	✓	
Other	Yes	No
1. Do small area or corridor plans recognize the need to avoid or mitigation natural hazards?	✓	
2. Does the building code contain provisions to strengthen or elevate construction to withstand hazard forces?	✓	
3. Do economic development or redevelopment strategies include provisions for mitigation natural hazards?	✓	
4. Is there an adopted evacuation and shelter plan to deal with emergencies from natural hazards?	✓	

Questions adapted from Godschalk, David R. Practice Safe Growth Audits, Zoning Practice, Issue Number 10, October 2009, American Planning Association. <http://www.planning.org/zoningpractice/open/pdf/oct09.pdf>.

Note: The City Council for the City of Sachse, including the mayor and councilmembers, has the ability to implement and approve mitigation actions, expand existing mitigation actions, and integrate mitigation into existing policies and programs. Actions that expand and improve existing authorities, plans, policies, and resources including mitigation include budgeting and passing policies and procedures for mitigation actions, adopting stricter mitigation regulations, approving the hiring and training of staff for mitigation activities, and approving mitigation updates and additions to existing plans.

National Flood Insurance Program (NFIP)

NFIP Topic	Source of Information	Comments
Insurance Summary		
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	61 policies, \$16.54M in total premiums
How many claims have been paid in the community? What is the total amount of paid claims? How many of the claims were for substantial damage?	FEMA NFIP or Insurance Specialist	4 paid loses, totaling \$45,937.42, with none for substantial damage
How many structures are exposed to flood risk within the community?	Community Floodplain Administrator (FPA)	61 known
Describe any areas of flood risk with limited NFIP policy coverage	Community FPA and FEMA Insurance Specialist	None known at this time
Staff Resources		
Is the Community FPA or NFIP Coordinator certified?	Community FPA	Not at this time
Is floodplain management an auxiliary function?	Community FPA	Yes
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	The acting Community FPA is the City Engineer. The City Engineer provides oversight and engineering review of public and private infrastructure and land development projects, including roadway, utility, and drainage
What are the barriers to running an effective NFIP program in the community, if any?	Community FPA	None at this time
Compliance History		
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	Yes
Are there any outstanding compliance issues (i.e., current violations)?		None known
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	Texas Water Development Board	The City of Sachse has not had a CAV
Is a CAV or CAC scheduled or needed?		No

NFIP Topic	Source of Information	Comments
Regulation		
When did the community enter the NFIP?	Community Status Book	1978
Are the FIRMs digital or paper?	Community FPA	Digital
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	Yes – the minimum allowable elevation of a structure above the 100 – year base flood elevation is 2 feet.
Provide an explanation of the permitting process.	Community FPA, State, FEMA NFIP Flood Insurance Manual Community FPA, FEMA CRS Coordinator, ISO representative CRS manual	The Building Official requests that the City Engineer review all building permit requests on property that appears to be within, adjacent to, or near the limits of the 100-year floodplain of any creek, stream, or drainage channel as shown on the FEMA FIRM Maps. The City Engineer reviews the permit request, all available plans submitted with the request, and all available online and paper resources (including the FEMA FIRM Maps). The City Engineer makes a determination on whether the proposed structure and/or improvements are in or out of the floodplain. If a proposed structure is found to be within the limits of the floodplain, a building permit is not issued unless and until the applicant can demonstrate that the limits of the floodplain have been revised through the
Community Rating System (CRS)		
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	No
What is the community's CRS Class Ranking?	Flood Insurance Manual http://www.fema.gov/flood-insurance-manual	N/A
What categories and activities provide CRS points and how can the class be improved?		N/A
Does the plan include CRS planning requirements	Community FPA, FEMA CRS Coordinator, ISO representative	No

Hazard Assessment and Risk Assessment

The conclusion drawn by City of Sachse HMPT resulted in the classification of risk for each of the hazards identified in Section 5 of this plan into four categories: High Risk, Moderate Risk, Low Risk and No Risk. The rate risk rating was determined using the HIRA and the Risk Priority Ranking. The categories for City of Sachse are as follows:

High Risk (over 65% on HIRA)	Winter Storms Tornado
Moderate Risk (41%- 65% on HIRA)	Lightning Stream Bank Erosion High Winds
Low Risk (12 %-40% on HIRA)	Wildfire Dam/Levee Failure Drought Flooding Extreme Heat Hail Earthquake
No Risk (Below 12% on HIRA)	

Only three hazards of the 11 natural hazards identified in this plan, were determined to have specific or unique vulnerability and impact for the city. These included flooding, wildfire and dam/levee failure.

Most of the other hazards detailed in Section 5 of the Base Plan of this plan i.e. tornados, high winds, hail, extreme heat, winter storms, drought and lightning are all applicable to the entire planning area of Dallas County including the City of Sachse. This is because these hazards are not geographically specific and can occur anywhere. There are no unique areas of vulnerabilities as in the case of flooding, wildfire and dam/levee failure hazards.

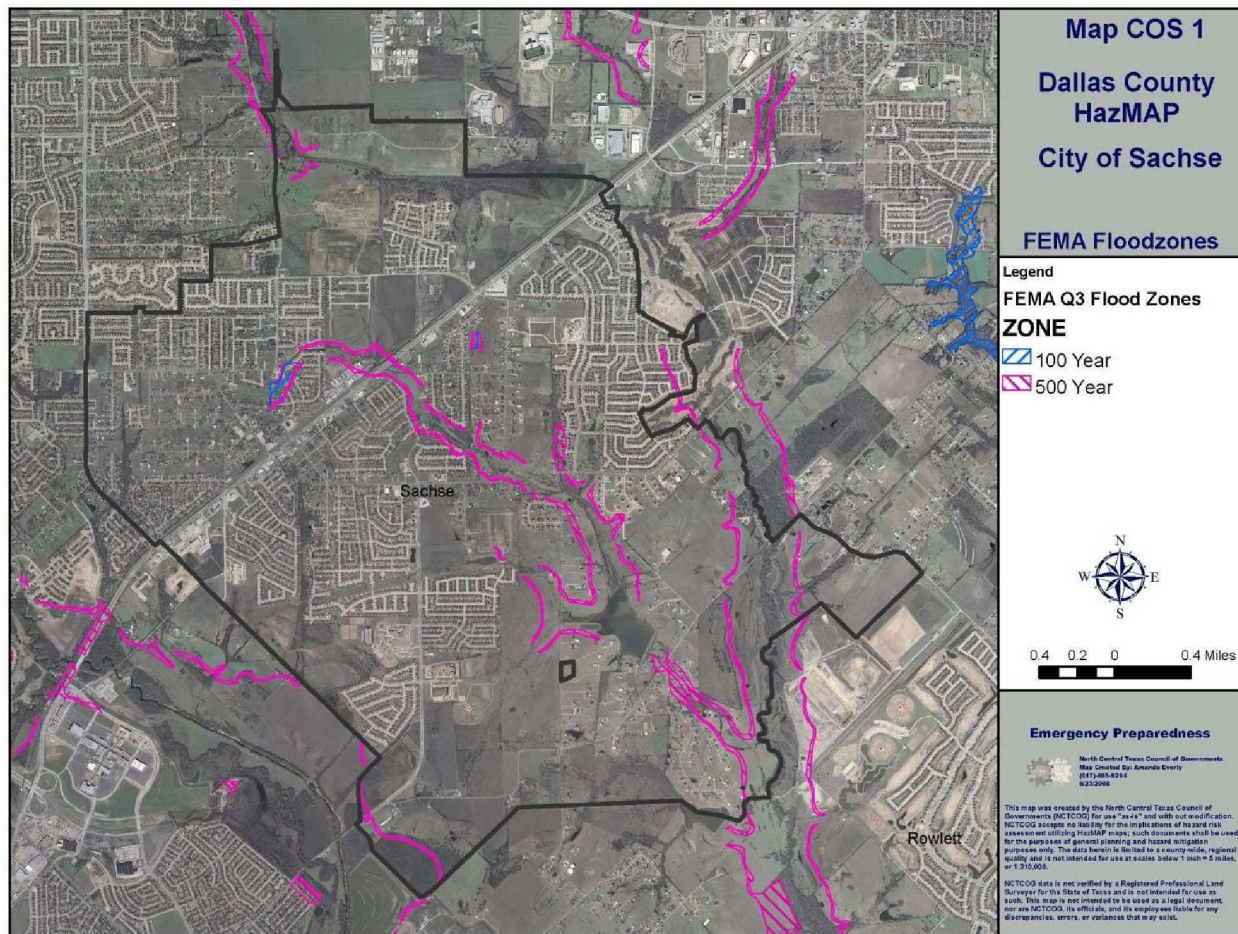
Below hazard and risk assessment discussion of the hazards identified as having unique vulnerability areas in Sachse.

A. Flooding: Just as was identified in the 2009 HazMAP, flooding continues to be the primary natural disaster to be faced by the City of Sachse. Rowlett Creek, Maxwell Creek, Long Branch of Muddy Creek, Willow Lake and Muddy Creek as well as its tributaries run through the city. The city has taken some measures to reduce the incidents of flooding within the city which have been addressed in the last plan and in this document.

Areas that have proved problematic in causing more road closure issues as opposed to homes or businesses damages include Highway 78, Merritt Road and Sachse Road. These roads often require to be closed due to flooding, though this limits many evacuation routes. While there are mitigation activities identified to address this issue, the city is of the opinion that additional flood studies are needed to adequately address the problem. New construction cannot be built in the floodway and those built in the flood plain must be flood proofed two feet above Base Flood Elevation (BFE). **Map COS1** depicts the City of Sachse 100 and 500 year floodplain.

As indicated in this annex, the City of Sachse participates in the National Flood Insurance Program and has identified their respective areas as vulnerable to flooding. It is compliant with NFIP requirements and has no outstanding issues. The City also does not have any repetitive loss or severe repetitive loss properties. See Table 5.8.1

Map COS 1: City of Sachse Floodplain

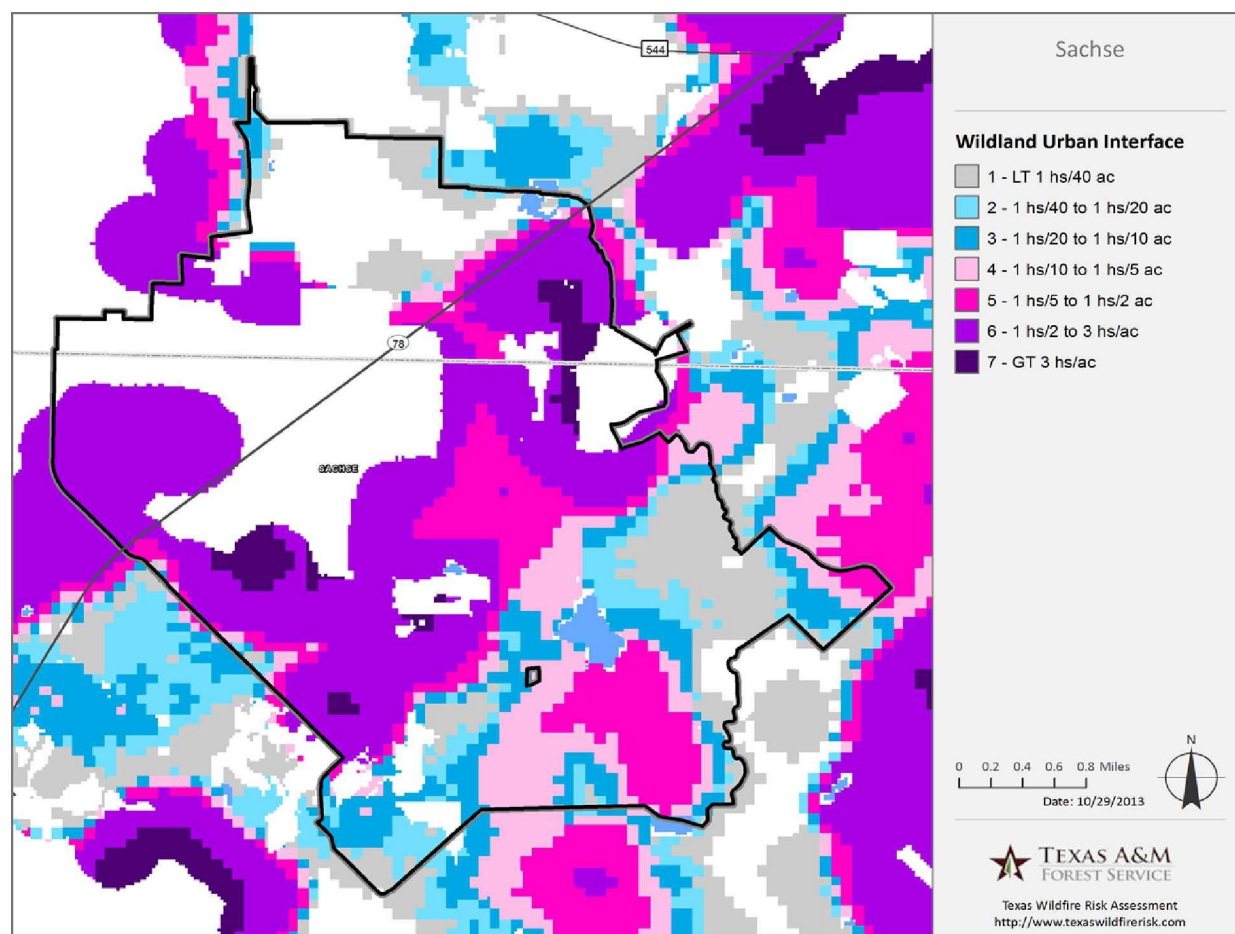


Source: North Central Texas Council of Governments

B. Wildland Urban Interface (WUI): Texas is one of the fastest growing states in the Nation, with much of this growth occurring adjacent to metropolitan areas. This increase in population across the state will impact counties and communities that are located within the Wildland Urban Interface (WUI). The WUI is described as the area where structures and other human improvements meet and intermingle with undeveloped wildland or vegetative fuels. Population growth within the WUI substantially increases the risk from wildfire. In Texas nearly 85 percent of wildfires occur within two miles of a community.

According to the Texas Forest Services (TFS), it is estimated that 8,599 people or 50 percent of the total project area population (17,049) live within the WUI. The Wildland Urban Interface (WUI) Map below reflects housing density depicting where humans and their structures meet or intermix with wildland fuels. **Map SC 2** depicts the WUI for the City of Sachse.

Map SC 2: City of Sachse's Wildland Urban Interface



The wildfire threat for the City of Sachse ranges from Non-Burnable to High. This is according to the vulnerability assessment conducted using the Texas Wildfire Risk Assessment Tool (TxWRAP) developed by the Texas Forest Service.

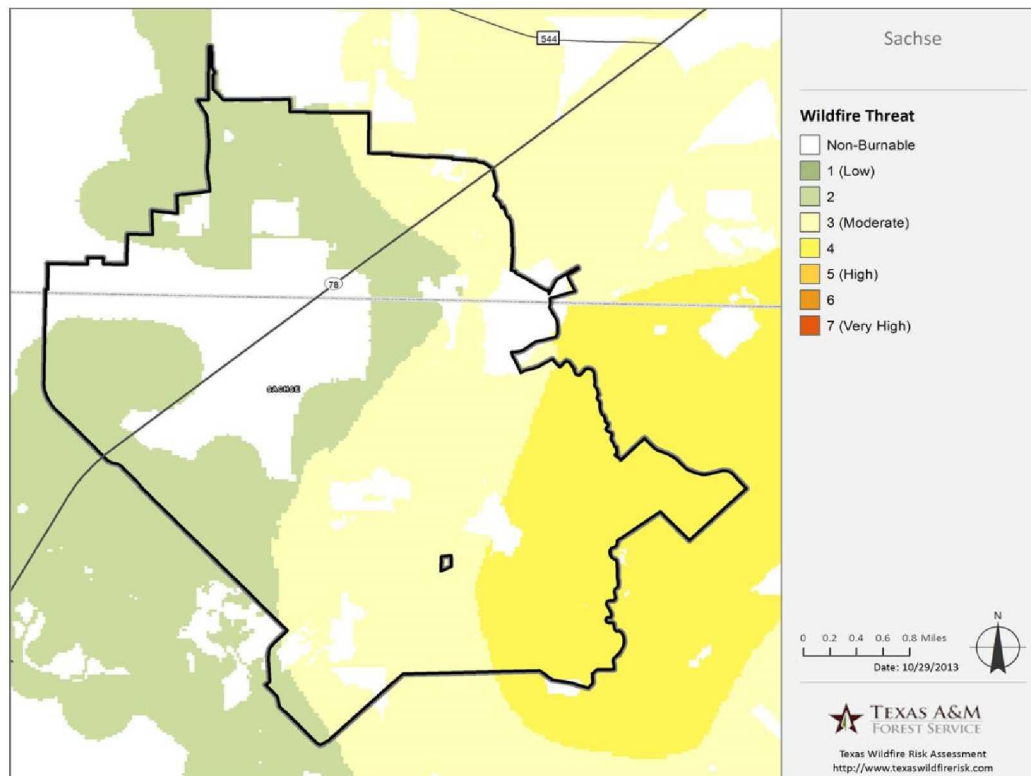
Wildfire threat is the likelihood of a wildfire occurring or burning into an area. Threat is derived by combining a number of landscape characteristics including surface fuels and canopy fuels, resultant fire behavior, historical fire occurrence, percentile weather derived from historical weather observations, and terrain conditions. These inputs are combined using analysis techniques based on established fire science.

The measure of wildfire threat used in the Texas Wildfire Risk Assessment (TWRA) is called Wildland Fire Susceptibility Index, or WFSI. WFSI combines the probability of an acre igniting (Wildfire Ignition Density) and the expected final fire size based on rate of spread in four weather percentile categories. WFSI is defined as the likelihood of an acre burning. Since all areas in Texas have WFSI calculated consistently, it allows for comparison and ordination of areas across the entire state. For example, a high threat area in East Texas is equivalent to a high threat area in West Texas.

To aid in the use of wildfire threat for planning activities, the output values are categorized into seven (7) classes. These are given general descriptions from Low to Very High threat.

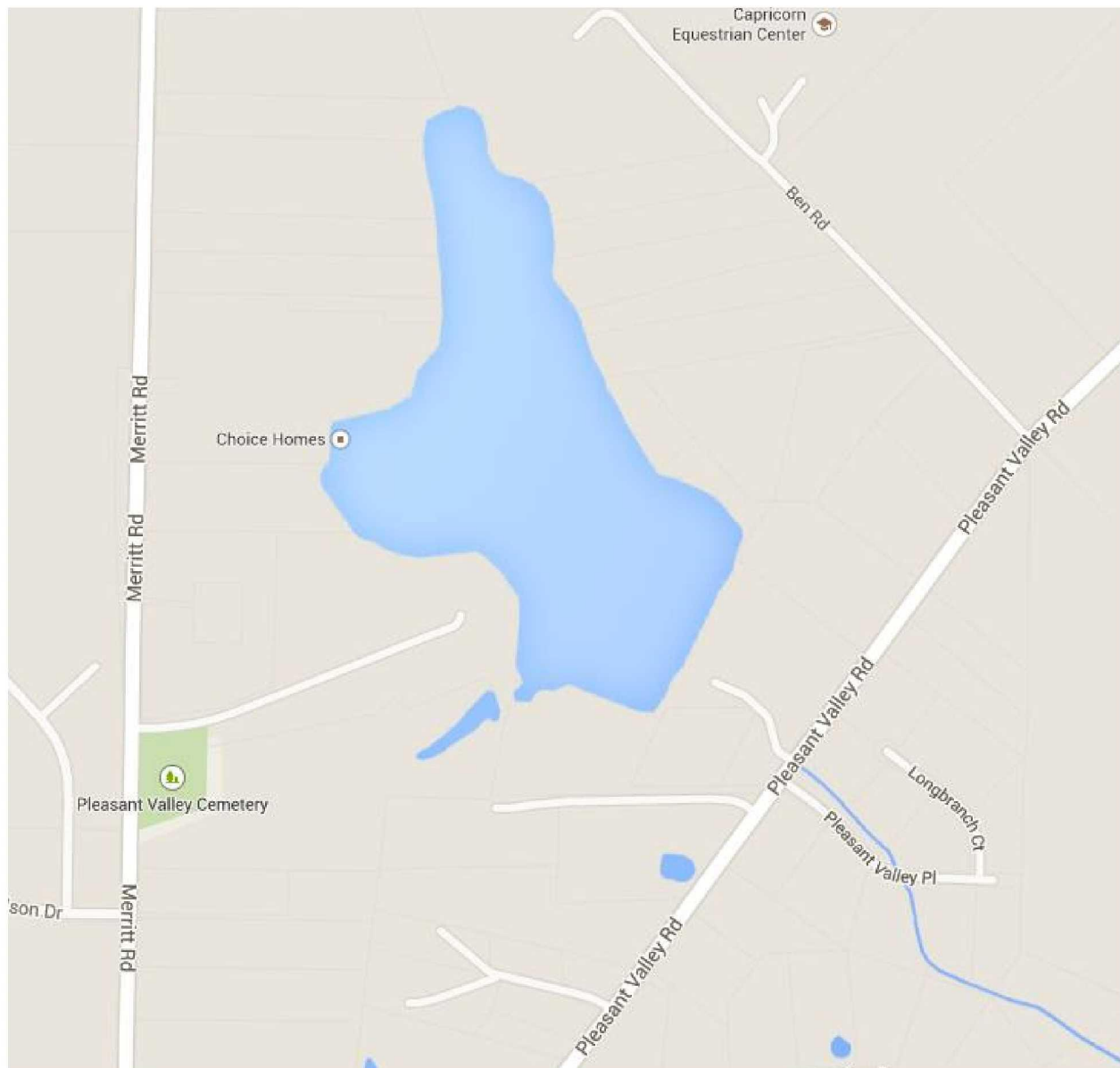
The threat map below is derived at a 30 meter resolution. This scale of data was chosen to be consistent with the accuracy of the primary surface fuels dataset used in the assessment. While not appropriate for site specific analysis, it is appropriate for regional, county or local protection mitigation or prevention planning.

Map SC 3: City of Sachse Wildfire Threat



C. Dam and Levee Failure: The City of Sachse HMPT identified two Soil Conservation Service Sites that could potential affect its communities. These are the Soil Conservation Service Sites 7 and 10 Reservoirs. Site 10 Reservoir is located off Pleasant Valley Road and West of Merritt Road and West of Ben Road. **Map SC 4** depicts the location of the Reservoir. While Site 7 Reservoir is located Northeast of the city limits in Collin County. These reservoirs are not considered to have any significant to the City of Sachse. The city has no control of the and will need to have a better understanding of the potential effects of the reservoirs to surrounding communities and will need to work with the owners to attain proper inundation studies for the dam.

Map SC 4: Location of Soil Conservation Service Site 10 Reservoir



Details of Soil Conversation Service Site Dams are listed below:

Soil Conversation Service Site 10 Dam – City of Sachse, Dallas County

Official Dam Name:	Rowlett Creek Floodwater Retarding Dam Site #10
TCEQ Inventory No:	TX00823
Stream:	Long Branch
Location:	-96.5627, 32.96
Dam Owner:	Dalworth Soil and Water Conservation District #519
Owner Address:	320 West Way Place, Suite #511, Arlington, Texas, 76018
Year Built	1954 by the Soil Conservation Service (Natural Resources Conservation Service)
Type of Dam:	Earthen Dam
Year Constructed:	1955
Dam Height:	34 ft.
Dam Length:	1725 ft.
Drainage Area:	4.18 sq. miles
Hazard Classification:	High
Principal Spillway:	30"x30"x9'Ported drop inlet. 190' L.F. Of 15" Diameter Reinforced Conc. Pipe
Principal Spillway Capacity	Designed for 2.0 feet of flow
Auxiliary Spillway:	250 Ft. wide has excellent cover of Coastal Bermuda Grass
Normal Storage Volume:	281.7 ac.ft (ported @ 200 ac. Ft)
Maximum Storage Volume:	2500 ac. Ft

Soil Conversation Service Site 7 Dam – Collin County Unincorporated

Official Dam Name:	Rowlett Creek WS SCS Site #7 Dam
TCEQ Inventory No:	TX01090
Stream:	Maxwell Creek (Long Branch of Muddy Creek)
Location:	-96.56965 , 32.99086
Dam Owner:	Collin County Commissioners Court
Owner Address:	2300 Bloomdale Rd # 2302, McKinney, TX 75071
Year Built	1957 by the Soil Conservation Service (Natural Resources Conservation Service)
Type of Dam:	Earthen Dam
Year Constructed:	1957
Dam Height:	38 Ft.
Dam Length:	2320 ft.
Drainage Area:	10.35 sq. miles
Normal Storage Volume:	200 acre ft.
Maximum Storage Volume:	4033 Acre ft.

D. Earthquake: Earthquakes in Sachse is considered as a low risk threat. Earthquakes have only been recently recorded in Dallas County. To date there have been no injuries or fatalities or major damage recorded. The magnitudes experienced in Dallas County are considered minor only felt by humans but do not cause damage. Additionally there is currently not a significant amount of data for earthquakes in Dallas County and will need to be researched and studied. No data to support the change of building codes and engineering standards for high magnitude levels that can affect buildings, transportation routes, and pipelines. A data deficiency is being cited for earthquake risk for the City of Sachse.

E. Stream Bank Erosion: The City of Sachse has several creek/streams. These streams, while well known in the community, have not been aggressively studied to assess the effects of stream bank erosion in the community. The City of Sachse is involved in the North Central Texas Council of Governments (NCTCOG) Regional Stormwater Management Program. The program brings together regional partners seeking to implement a cooperative and comprehensive program to manage stormwater quality issues affecting the region. One of the programs is the *integrated Stormwater Management* (iSWM™) Program for Construction and Development. The iSWM Program for Construction and Development is a cooperative initiative that assists cities and counties to achieve their goals of water quality protection, stream bank protection, and flood mitigation, while also helping communities meet their construction and post-construction obligations under state stormwater permits

There is currently a data deficiency in Stream Bank Erosion in Dallas County including the City of Sachse. Conducting a study on the effectiveness of this program and getting a better understanding of the stream inventories in an effort to identify and prioritize future drainage utility needs would be helpful. Since stream bank erosion occurs largely over time and can be exacerbated by a variety of factors, additional data gathering and studies must occur to determine the extent of loss in inches and/or feet.

Vulnerability Assessment

Base on the vulnerability assessment methodology conducted in Section 5 of the base plan, the tables below provide a jurisdictional specific analysis summary of the vulnerable assets, critical and essential infrastructure for the City of Sachse. The HMPT also took into account the changes in development and population while conducting this assessment. To identify the assets and vulnerable assessment the following five categories of vulnerable assets were used:

- ✓ **Population**: Includes the number of people residing in Dallas County as delineated by U.S. Census 2010 block data provided by NCTCOG population estimates
- ✓ **Improved property**: Includes all developed properties according to local parcel data from the Dallas County Central Appraisal District. The information has been expressed in terms of the total assessed value of improvements that may be exposed to the identified hazards.
- ✓ **Emergency facilities**: Includes fire stations, police stations and hospitals, provided by the Regional Hazard Assessment Tool (RHAT) and participating jurisdictions.
- ✓ **Critical facilities**: Includes schools and historic places provided by Regional Hazard Assessment Tool and participating jurisdictions. These are non-emergency facilities, but still provide critical services and functions for vulnerable sectors of the population.
- ✓ **Critical infrastructure**: Includes airports, natural gas facilities, wastewater facilities, portable water treatment facilities, wastewater treatment facilities, dams, and bridges. Data for all critical facilities was obtained from Regional Hazard Assessment Tool and participating jurisdictions.

Drought	
Population	According to National Climatic Data Center (NCDC) no injuries or fatalities have been recorded for drought events. All the population of City of Sachse is exposed to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), no property or crop losses due to drought have been reported. All improved properties are exposed to this hazard.
Emergency Facilities	No losses or direct impacts expected on emergency facilities due to drought events.
Critical Facilities	No losses or direct impacts expected on critical facilities due to drought events.
Critical Infrastructure	There are no losses or direct impacts expected on critical infrastructure due to drought events.

Extreme Heat	
Population	According to National Climatic Data Center (NCDC), no injuries or fatalities have been recorded due to extreme heat in Sachse. The population is exposed to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), there is no impact of extreme heat to developed areas and the improved property.
Emergency Facilities	According to National Climatic Data Center (NCDC), there is no impact of extreme heat to buildings and the emergency facilities in Sachse.
Critical Facilities	According to National Climatic Data Center (NCDC), there is no impact of extreme heat to buildings, and the critical facilities in Sachse.
Critical Infrastructure	According to National Climatic Data Center (NCDC) there is no impact of extreme heat to critical infrastructure, and exposure to this hazard is considered minimal in Sachse.

Winter Storm	
Population	According to National Climatic Data Center (NCDC), there have been no recorded injuries or fatalities from winter storms. All the population of City of Sachse is exposed to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), no property or crop losses has been reported in City of Sachse due to winter storm events. All improved properties are exposed to this hazard.
Emergency Facilities	Because of the expected geographical widespread nature of winter storms, all emergency facilities in Sachse are exposed to this hazard.
Critical Facilities	Because of the expected geographical widespread nature of winter storms, all critical facilities in Sachse are exposed to this hazard.
Critical Infrastructure	Because of the expected geographical widespread nature of winter storms, all critical infrastructures in Sachse are exposed to this hazard.

High Wind	
Population	According to National Climatic Data Center (NCDC), no recorded injuries or fatalities from high wind events. All the population of City of Sachse is exposed to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), \$5,000 of property damage has been recorded due to high wind events in the City of Sachse. All improved properties are exposed to this hazard.
Emergency Facilities	Because of the expected geographical widespread nature of high winds, all emergency facilities in Sachse are exposed to this hazard.
Critical Facilities	Because of the expected geographical widespread nature of high winds, all critical facilities in Sachse are exposed to this hazard.
Critical Infrastructure	Because of the expected geographical widespread nature of high winds, all critical infrastructures in Sachse are exposed to this hazard.

Lightning	
Population	According to National Climatic Data Center (NCDC), no deaths or injuries in City of Sachse have been recorded. All the population of Dallas County is exposed to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), \$250,000 dollars of property have been reported as a result of lightning in the City of Sachse. All improved properties are exposed to this hazard.
Emergency Facilities	Because of the expected geographical widespread nature of lightning, all emergency facilities in Sachse are exposed to this hazard.
Critical Facilities	Because of the expected geographical widespread nature of lightning, all critical facilities in Sachse are exposed to this hazard.
Critical Infrastructure	Because of the expected geographical widespread nature of lightning, all critical infrastructures in Sachse are exposed to this hazard.

Tornado	
Population	According to National Climatic Data Center (NCDC), there have been no recorded injuries or fatalities from tornado events in the City of Sachse. All the population of City of Sachse is exposed and vulnerable to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), no property or crop losses have been reported from tornados in the City of Sachse. All improved properties are exposed to this hazard.
Emergency Facilities	Because of the impossibility to predict the geographical area of impact for tornados, all emergency facilities in Sachse are exposed to this hazard.
Critical Facilities	Because of the impossibility to predict the geographical area of impact for tornados, all critical facilities in Sachse are exposed to this hazard.
Critical Infrastructure	Because of the impossibility to predict the geographical area of impact for tornados, all critical infrastructures in Sachse are exposed to this hazard.

Hail	
Population	According to National Climatic Data Center (NCDC), no recorded injuries or fatalities have been recorded for hailstorm events. All the population of City of Sachse is exposed to this hazard.
Improved Property	According to National Climatic Data Center (NCDC), \$30,000 of property damage was reported for City of Sachse. All improved property is exposed to this hazard. Although some crops are susceptible to hail hazards, available historical data for Sachse indicates that there are no expected crop losses from this event.
Emergency Facilities	Because of the unpredictability of the geographical location of hailstorms, all emergency facilities in Sachse are exposed to this hazard.
Critical Facilities	Because of the unpredictability of the geographical location of hailstorms, all critical facilities in Sachse are exposed to this hazard.
Critical Infrastructure	Because of the unpredictability of the geographical location of hailstorms, all critical infrastructures in the City of Sachse are exposed to this hazard.

Wildfire	
Population	Based on geographical data 50 % of the population in City of Sachse lives in the WUI areas.
Improved Property	Based on geographical data, no wildfires have been reported during the review period though no property or crops a loss were reported. All improved properties within the WUI areas are exposed to this hazard.
Emergency Facilities	Based on geographic information there are no fire stations at risk from wildfire events.
Critical Facilities	Based on geographic information there are zero schools at risk from wildfire events.
Critical Infrastructure	Based on geographic information there are no bridges, dams, wastewater treatment facility, or water treatment facility at risk from wildfire events.

Flooding	
Population	No fatalities and injuries have been reported due to flooding.
Improved Property	According to National Climatic Data Center (NCDC), \$500 of property damage was reported as a result of flooding in the City of Sachse. There are no improved valued properties in the City's areas at risk from the 100-year storm event.
Emergency Facilities	There are no emergency facilities at imminent risk from the 100-year storm event.
Critical Facilities	There are no critical facilities located within the 100-year storm event.
Critical Infrastructure	0 % of railways/highways and bridges, 0 % of dams, 0 % of water treatment works, and 0 % waste water treatment facilities are at risk from the 100-year storm event. Many of these structures are designed to traverse or be located within the floodplain. Additionally, treated wastewater is typically discharged towards streams, which makes portions of wastewater treatment facilities likely to be located within the floodplain.

Note: The period under review is from January 1, 2008 through November 30, 2013

Changes in Population and Development

The City of Sachse participated in the 2009 Dallas County Hazard Mitigation Action Plan. Table 3.1 shows that the population for the city grew from 20,329 to 21,580 between 2010 and 2014 estimated data, an increase of 6.15%.

There were 1,106 new housing development and 56 commercial units in the city between 2008 and 2014. Major structural and economic development, include an elementary school, specialty retail businesses, public buildings, large retail grocery stores, day care facilities, fuel station and churches. None of these new developments have been built in floodplains.

To help mitigate the impacts of the hazards identified the city identified broad mitigation strategies to lower the vulnerability on the population and property from the natural hazards identified. These include establishing additional flood regulations, adopted stricter rules and

regulations for building such as the 2009 International Building and Fire Code Standards and expand education and awareness programs.

The tables below provide a summary inventory of the critical and essential infrastructure for the City of Sachse.

Essential Infrastructure Summary Report for the City of Sachse

Essential/Critical Facilities	Locations (GIS Coordinates)	Count
Hospitals	N/A	0
Schools	Sachse High 32°57'40.61"N 96°35'6.89"W Hudson 32°57'31.73"N 96°34'52.38"W Sewell 32°57'25.80"N 96°34'53.78"W Armstrong 32°57'59.40"N 96°36'0.16"W Cox 32°59'5.29"N 96°34'7.88"W Whitt 32°59'25.64"N 96°35'14.47"W	6
Police Stations	32°58'32.34"N 96°35'3.77"W	1
Fire Stations	Station 1 32°58'32.34"N 96°35'3.77"W Station 2 32°59'22.27"N 96°35'43.30"W	2
Emergency Operations Facilities	32°58'32.34"N 96°35'3.77"W	1
Dams	32°57'37.63"N 96°33'44.62"W	1

Mitigation Strategies

Based on the results of the risk and capability assessments, the Dallas County Hazard Mitigation Planning Team developed a mitigation strategy for the plan update utilizing the results of both assessments as well as reviewing the goals and objectives that were included in the 2009 HazMAP. These strategies were similar to the goals identified in Section 6 by the Dallas County Hazard Mitigation Action Plan Working Group.

Goal 1: Reduce or eliminate loss of life and property damage resulting from severe weather events.

- ✓ **Objective 1-A:** Continue to enforce building codes and ordinances where applicable to ensure structures are more disaster resistant
- ✓ **Objective 1-B:** Maintain existing codes and ordinances that require front end mitigation of hazards
- ✓ **Objective 1-C:** Limit development in flood plain areas

Goal 2: Identify and implement hazard mitigation projects to reduce the impact of hazard events and disaster.

- ✓ **Objective 2-A:** Identify areas where repetitive damages occur during chronic hazard events
- ✓ **Objective 2-B:** Incorporate disaster resistant features in government facilities and infrastructure
- ✓ **Objective 2-C:** Expand and coordinate Early Warning Systems currently in use.

Goal 3: Increase public support and understanding of hazard mitigation and disasters.

- ✓ **Objective 3-A:** Provide public education materials to residents and private sector
- ✓ **Objective 3-B:** Encourage private sector participation in future mitigation efforts
- ✓ **Objective 3-C:** Encourage public participation in future mitigation efforts
- ✓ **Objective 3-D:** Heighten public awareness for natural and man-made hazards

Goal 4: Reduce losses and repetitive damages for chronic hazard events while promoting insurance coverage for catastrophic hazards

- ✓ **Objective 4-A:** Increase participation in the National Flood Insurance Program (NFIP) and Community Rating System (CRS)

Goal 5: Continue to build capacity for hazard mitigation in the City of Sachse

- ✓ **Objective 5-A:** Continue partnerships within the Hazard Mitigation Planning Team and other partners to enhance mitigation planning efforts
- ✓ **Objective 5-B:** Identify federal and state programs that provide financial assistance to help attract funds for mitigation projects and programs
- ✓ **Objective 5-C:** Promote land use for public recreation

Action Items

Below is a list of the new actions items identified for the HazMAP update. Each of the actions in this section were prioritized based on FEMA's STAPLE+E criteria, which includes considering the social, technical, administrative, political, legal, economic and environmental factors necessary for the implementation of each action. As part of the STAPLE+E analysis economic considerations were weighed for each action. The action items that were said to be ongoing or deferred in the previous HazMAP were included as action items in the updated plan. The updated actions items are as follows:

City of Sachse Action Item	Establish city parks along low-lying areas, referenced the Capital Improvement Plan, City of Sachse Park and Open Space Master Plan and Building Restrictions to reduce losses and repetitive damage.
Hazard(s) Addressed	Flooding
Goal/Objective	1-A
Priority	Medium
Estimated Cost	Unknown - To be determined
Potential Funding Sources	HMGP, PDM, City Budget
Lead Department	Public Works
Implementation Schedule	2 years after funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost of creating a natural preserve not only benefits natural resources it also mitigates against flooding.
Discussion	Developing an open space reuse, and preservation plan provides the city with preserve the floodplain as an Open Space for recreational use

City of Sachse Action Item	Purchase and install new sirens to cover expanding population and cover the entire jurisdiction. The sirens will be narrow banded updated sirens that will help improve communication as well as meet the regulations.
Hazard(s) Addressed	Tornado, high winds, hail, dam/levee failure and wildfire
Goal/Objective	2-D
Priority	Medium
Estimated Cost	\$500,000
Potential Funding Sources	City Budget, HMGP, PDM, Private Business
Lead Department	Office of Emergency Management (OEM)
Implementation Schedule	2 years upon funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost of implementing this program is low compared to the potential benefits of reduction in personal injuries or death
Discussion	The Sirens will be used in alerting people who live and work in Sachse of impending severe weather situations. Siren alarm warnings have proved to have saved lives and mitigated the loss of lives

City of Sachse Action Item	Purchase a series of lightning prediction devices to be deployed around Parks and Schools. Not only would these provide advance warning to those in the area but the cumulative data collected by these devices will allow Sachse to identify additional action items tailored to mitigating the lightning hazard.
Hazard(s) Addressed	Lightning
Goal/Objective	5-A
Priority	Medium
Estimated Cost	\$30,000
Potential Funding Sources	City Budget, HMGP, PDM
Lead Department	Office of Emergency Management (OEM), Parks and Recreation, Public Works
Implementation Schedule	Within one year of funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost is low compared to the benefits
Discussion	The purchase of this equipment could save lives by providing the public more time to react and prepare appropriately during weather conditions that comes with lightning.

City of Sachse Action Item	Coordinate with Dam owners to conduct proper Inundation Studies for Dam Safety. Establish Action Items which prove to be more cost efficient.
Hazard(s) Addressed	Dam/Levee failure, flooding, stream bank erosion
Goal/Objective	2-A, 2-C, 3-B
Priority	Low
Estimated Cost	\$50,000
Potential Funding Sources	City Budget, State and/or Federal Funding
Lead Department	Public Works and Office of Emergency Management (OEM)
Implementation Schedule	2 years after funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost is low compared to the benefits
Discussion	As noted the hazards assessment of this annex, there is a deficiency of inundation data of the Soil Conservation Dams that could potentially affect the City of Sachse. The City will need to work the owners and operators of the dams to conduct inundation studies to determine the most appropriate mitigation actions.

City of Sachse Action Item	Make Improvements to the Stormwater Drainage System Capacity at specific problem areas
Hazard(s) Addressed	Flooding/Stream bank Erosion
Goal/Objective	2-A
Priority	High
Estimated Cost	\$1 Million
Potential Funding Sources	City Budget, State and Federal Funding including HMGP and PDM
Lead Department	City Engineering
Implementation Schedule	Within two years of funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost is low compared to the benefits
Discussion	Following heavy rainfall flooding and erosion occur in developed areas particular along the roadways. Stormwater management projects that can prevent this include dimensions of drainage culverts in flood-prone and stream restoration to ensure adequate drainage and diversion of stormwater

City of Sachse Action Item	Conduct a Flood Protection Study to determine the most appropriate mitigation actions to alleviate the inundation of multiple arterial thoroughfares near Long Branch of Muddy Creek
Hazard(s) Addressed	Flooding, stream bank erosion
Goal/Objective	2-A
Priority	High
Estimated Cost	\$150,000
Potential Funding Sources	City Budget, State and Federal Funding including HMGP and PDM
Lead Department	City Engineering
Implementation Schedule	Within two years of funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost is low compared to the benefits
Discussion	As noted the hazards assessment of this annex there is a deficiency in flooding and inundation data for the city's streets and thoroughfares. Future flood studies for floodway crossings of Sachse Road, Merritt Road, and Pleasant Valley Road are incorporated into the 10-yr Capital Improvement Plan for the improvement of these minor arterials in the City. Improvements required as a result of the future studies will be incorporated into the future roadway improvement projects. Projects will be completed pending future FEMA Approval and availability of funds for design, study, and construction. The only major arterial in the City is State Highway 78, which is maintained by TxDOT. TxDOT controls the drainage structures crossing SH 78.

City of Sachse	Buyout structures that are in the floodplain. These include properties on Woodbridge Parkway, Sachse and Merritt Roads
Hazard(s) Addressed	Flooding
Goal/Objective	2-A, 2-B, 2-C, 3-A, 3-B, 3-C, 3-D, 4-A, 4-B
Priority	High
Estimated Cost	\$1.5 Million
Potential Funding Sources	Funding sources could include mitigation grants from the federal government
Potential Matching Sources	Budget, Donations
Lead Department	City of Sachse Administration, Public Works, Building and Code Departments
Implementation Schedule	1 Year
Effect on Old Buildings	Remove old structure
Effect on New Buildings	None
Cost Effectiveness	This is extremely cost effective compared to the cost of repetitive loss
Discussion	Remove structures from flood-prone areas to minimize future flood losses by acquiring and demolishing or relocating structures from voluntary property owners and preserving lands subject to repetitive flooding

City of Sachse Action Item	Purchase two additional generators to power critical infrastructure for Command Staff and Shelters/warming stations within the City complex
Hazard(s) Addressed	Winter Weather, dam failure, earthquake, flooding, hail, high winds, lightning, tornados, wildfire and Extreme Heat
Goal/Objective	4-B
Priority	Medium
Estimated Cost	\$60,000
Potential Funding Sources	HMGP, City Budget, Facilities Bond
Lead Department	Office of Emergency Management (OEM)
Implementation Schedule	Within One Year of funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	The cost is low compared to the benefits the project will provide
Discussion	Installing generators will help mitigate on those hazards that affect the power grid. This will help ensure that critical equipment and facilities are not compromised in the event of a hazard event.

City of Sachse	Conduct Stream Bank Erosion Studies: Conduct a study to identify the vulnerability to stream bank erosion. Identify cost-effective action items
Hazard(s) Addressed	Flooding, stream bank erosion
Goal/Objective	2-A, 2-B, 2-C, 3-A, 3-B, 3-C, 3-D, 4-A, 4-B
Priority	Medium
Estimated Cost	\$30,000.00
Potential Funding Sources	State and Federal Grant Programs
Potential Matching Sources	Budget, Donations
Lead Department	Public Works, Building and Code Departments
Implementation Schedule	2 Year
Effect on Old Buildings	This has no direct effect on structures.
Effect on New Buildings	This has no direct effect on structures.
Cost Effectiveness	This is extremely cost effective.
Discussion	As noted in this annex, there is a data deficiency when it comes to stream bank erosion. Conducting studies will help develop a database to track the community's vulnerability to stream bank erosion in Dallas County including the City of Sachse

City of Sachse Action Item	Implement the Texas Safe Room Rebate Program to provide safe rooms to residents of Sachse
Hazard(s) Addressed	Tornado, High Winds
Goal/Objective	1-C, 2- A, and 4-C
Priority	Medium
Estimated Cost	50% (up to) \$3,000 per shelter
Potential Funding Sources	Mitigation programs, County budget, City Budget, HMGP, PDM, Homeowner, Work-in-kind
Potential Matching Sources	Business donations
Lead Department	City of Sachse Fire Department, Department of Building and Code
Implementation Schedule	Within one year of funds being approved
Effect on Old Buildings	Provides residents of existing building better access to safe shelters during severe weather
Effect on New Buildings	Provides safe shelter in new building during severe weather
Cost Effectiveness	Loss of life can be prevented through this program.
Discussion	The majority of funds will be used as direct rebates to residents and builders up to \$3,000 possible rebates

City of Sachse	Develop and implement a comprehensive public education and outreach program
Hazard(s) Addressed	Tornado, wildfire, extreme heat, high wind, flooding, drought, winter storm, hail, earthquake, lightning, dam/levee failure, stream bank erosion
Goal/Objective	2-A, 2-B, 2-C, 3-A, 3-B, 3-C, 3-D, 4-A, 4-B
Priority	Medium
Estimated Cost	\$10,000.00
Potential Funding Sources	Urban Area Security Initiative, State and Federal Grant Funds
Potential Matching Sources	Budget, Donations
Lead Department	City of Sachse Fire Department
Implementation Schedule	1 Year
Effect on Old Buildings	This has no direct effect on structures.
Effect on New Buildings	This has no direct effect on structures.
Cost Effectiveness	This is extremely cost effective.
Discussion	Educate the public on potential hazards they may face and also set a realistic understanding of what will be provided and when. This program will include information on natural hazard mitigation programs and private mitigation projects

City of Sachse Action Item	Implement water-wise program for the City of Sachse. This program will include purchasing water saving equipment and fixtures such as low flow fixtures in all city facilities. The program can include an incentive plan
Objective(s) Addressed	2-B, 3-B, 3-C, 4-A
Hazard(s) Addressed	Drought
Priority (High, Medium, Low):	Medium
Estimated Cost	\$20,000
Potential Funding Sources	General Budget
Lead Department Responsible	Permits and Inspection Department
Implementation Schedule	Within 24 months of approval and receipt of funding
Effect on Old Buildings	None
Effect on New Buildings	None
Cost Effectiveness	Water is an increasingly expensive resource especially during drought. Reducing water consumption is one of the easiest and most inexpensive ways of achieving cost savings.
Discussion	Water conservation standards is always important and especially during extreme temperature and limited rainfall duration

City of Sachse Action Item	Participate in Firewise Program
Objective(s) Addressed	1-A, 1-C
Hazard(s) Addressed	Wildfire
Priority (High, Medium, Low):	Medium
Estimated Cost	No Cost
Potential Funding Sources	No cost other than enforcing the code
Lead Agency/Department Responsible	Code Enforcement and Health Services
Implementation Schedule	24 months
Effect on Old Buildings	Old buildings may not be affected by this
Effect on New Buildings	New regulations will require safer construction and incorporation of wildfire mitigation considerations into the permitting process
Cost Effectiveness	Cost of implementing this program is low compared to the benefits of the program
Discussion	The Firewise program provides a series of steps that individual residents and their neighbors can take to keep their homes and neighborhoods safer from fire. This can include Joining the Firewise Community recognition program sponsored by the National Wildlife Coordination Group (firewise.org); Sponsoring Firewise workshops for local officials, developers, civic groups and neighborhood associations, encouraging or requiring best firewise practices in the city

City of Sachse Action Item	Work with Dallas County and other jurisdictions in Dallas County and participate in an earthquake study to help determine the levels of risk and mitigation strategies
Objective(s) Addressed	4-A
Hazard(s) Addressed	Earthquake
Priority (High, Medium, Low):	Low
Estimated Cost	\$100,000
Potential Funding Sources	Grant funds received from the Hazard Mitigation Grant Program or other sources; County Budget;
Lead Agency/Department Responsible	Public Works in collaboration with Dallas County and other jurisdictions in Dallas County
Implementation Schedule	Within 24 months of approval and receipt of funding.
Effect on Old Buildings	The study will not have any effect on buildings. However, the findings from the study may result in changes in the building and infrastructure
Effect on New Buildings	The study will not have any effect on buildings. However, the findings from the study may result in changes in the building and infrastructure
Cost Effectiveness	An effective study will lead to savings of lives and property and infrastructure. This is a very cost effective
Discussion	As noted in Section 5, there is a deficiency in earthquake data for Dallas County as earthquakes have only been experienced (recorded) since 2008. The magnitudes of these earthquake events are considered minor. While not injuries no injuries, fatalities or major damage recorded to date, there is still a need to conduct studies and collect data so as to obtain the information and data needed to make the most appropriate decision

Plan Maintenance

The City of Sachse Department Emergency Management Department will be responsible for ensuring that this plan is monitored on an on-going basis. The Emergency Management Coordinator/Fire Chief will lead the monitoring, evaluation and update efforts of the plan. See table below:

Jurisdiction	Responsible Personnel	Activity	Update Schedule
City of Sachse	Emergency Management Coordinator/ Fire Chief	Tracking implementation and action items	Biannually
		Evaluate Plan	Annually
		Update Plan	Once every 5 years

The Emergency Management Coordinator will call the City of Sachse Hazard Mitigation Team (HMPT) together on an annual basis to review the mitigation actions set forth in this plan and discuss progress. During this meeting the HMPT will develop a list of items to be updated/added in future revisions of this plan.

The Emergency Management Coordinator will report the outcomes of the HMPT to the Dallas County Office of Homeland Security and Emergency Management and when needed to the City's Administration. Sachse's HMPT will also focus on evaluating the plan in light of technological, budgetary, and political changes that may occur during the year or other significant events.

Major disasters affecting the City of Sachse or its communities, legal changes, and other events may trigger a meeting of the Hazard Mitigation Action Plan Working Team. This working group will be responsible for determining if the plan should be updated.

The City of Sachse is committed to reviewing and updating this plan annex at least once every five years, as required by the Disaster Mitigation Act of 2000. The City of Sachse will be a strong advocate that jurisdictions within the Dallas County should continue to work together on updating this multi-jurisdictional plan.

The public will continue to be involved whenever the plan is updated and as appropriate during the monitoring and evaluation process. Prior to adoption of updates, the city will provide the opportunity for the public to comment on the updates. A public notice will be published prior to the meeting to announce the comment period and meeting logistics. Moreover, the City of Sachse will engage stakeholders in community emergency planning.

Plan Incorporation

The City of Sachse has several other city plans which were considered during the mitigation planning process. These include Federal Emergency Management Agency (FEMA) maps, City of Sachse comprehensive plan, future land use and thoroughfare plans, emergency operations plan, Capital Improvement Program (CIP) including current zoning plan, adopted building codes and amendments and City of Sachse ordinances. The Hazard Mitigation Team will continue to use these plans as guidance in determining gaps in the capabilities of the

city as well as developing goals and mitigation action items in response to the vulnerability assessment.

The planning integration table below illustrates the integration process of this plan into other city documents and plans.

The Planning Integration Table

Jurisdiction	Responsible Personnel	Jurisdictional Plans	Integration Schedule	Integration Plan
City of Sachse	City Council	Budget Meetings.	Annually	Integration of mitigation projects identified in HazMAP, grants, and other fiscal allowances for mitigation actions and related costs
	Emergency Management Coordinator	Emergency Action Plan updates	Reviewed Annually, updated as needed	EAP Mitigation annex updates based on HazMAP HIRA; update preparedness, response and recovery actions related to identified hazards
	Designated Floodplain Manager	Floodplain ordinances	As needed	Enhance mitigation of flood hazards using HazMAP flood data for floodplain management and community development.
	City Council	Capital improvement plans	Annually	Strengthen critical infrastructure and key resources based on HazMAP hazard analysis, incorporate vulnerability data and action items.
	Public Works Director	Drought Contingency plans	As needed	Integrate drought actions such as xeriscaping, water restrictions, and public education

Note: The process of integration and making changes involves the responsible party bringing the recommendations before the council/commissioners court and providing support for integration. Council /commissioner's court members will vote to integrate/adopt changes.

Appendices

- a. HIRA
- b. Supporting Documentation
- c. Complete Survey Results

Appendix SC - A-1: Hazard Identification and Risk Assessment (HIRA) Matrix

Scale	
LOW/UNLIKELY EVENT PROBABLE NEXT 10 YEARS	1
AVERAGE EVENT POSSIBLE NEXT YEAR	2
MEDIUM EVENT POSSIBLE NEXT YEAR	3
HIGH/HIGHLY LIKELY EVENT POSSIBLE NEXT YEAR	4



Scale	
LOW	1
MEDIUM/MODERATE	2
HIGH	3
CATASTROPHIC	4

City of Sachse
Hazard Identification and Risk Assessment (HIRA)
 Date: September 5, 2013

Hazard	Probability	Frequency	Severity	Risk Factor	People	Property	Environment	Potential Damage	Total Vulnerability
	(P/F)*S=RF				People + Property + Environment = Potential Damage (PD)				
					RF/PD=V				
Severe Storms:									
High Winds	4	4	3	3	3	3	1	7	43%
Hail	4	4	1	1	1	2	1	4	25%
Lightning	4	4	2	2	1	3	1	5	40%
Winter Storms	2	1	2	4	2	3	1	6	67%
Tornado	2	1	3	6	3	4	2	9	67%
Flooding	2	4	2	1	2	3	2	9	14%
Extreme Temperatures/Heat	4	4	1	1	2	2	1	5	20%
Wildfire	2	2	1	1	1	2	3	6	17%
Energy/Fuel Shortage	1	1	1	1	2	1	2	5	20%
Terrorist Attack	1	1	1	1	4	2	2	8	13%
Urban Fire	1	1	1	1	1	1	1	3	33%
Earthquake	1	1	3	3	2	4	2	8	38%
Levee/Dam Failure	1	1	2	2	3	3	2	8	25%
Drought	4	4	3	3	3	3	2	8	38%
Aircraft Accident	1	1	4	4	4	2	2	8	50%
Stream Bank Erosion	4	2	2	4	2	4	2	8	50%

NB: This City of Sachse HIRA only considered natural hazards as outlined in the Section 5 of the Dallas County HazMAP 2014 Plan

Instructions of How to Use the HIRA – Taken From Dallas County EMP - 2009

A. Situation

Dallas County is exposed to many hazards, all of which have the potential for disrupting the community, causing casualties, and damaging or destroying public or private property. A summary of the major hazards that Dallas County may face is provided in Figure 1. These major hazards are identified as natural, man-made, and technological hazards. Figure 1: Hazard Summary identifies the probability, frequency, severity, risk factor, potential damage, and total vulnerability to people (Citizens of Dallas County), property, and the environment. In Figure 2, identifies the probability, frequency, severity, risk factor, potential damage, and total vulnerability to Dallas County employees, facilities, and business processes that will also be used during Continuity of Operations/Continuity of Government planning. Additional hazard information is provided in our Dallas County Hazard Identification and Risk Assessment (HIRA), which is published separately.

Hazard Identification and Risk Assessment

Profiling Hazards

This section of the plan will provide an overview of the specific natural, technological, and man-made hazards that can affect Dallas County, including information on historical occurrences and the probability of future occurrences. The following table contains the Hazard and Risk Assessment for Dallas County. To determine the hazards that pose the greatest threat, a Hazard Identification and Risk Assessment was completed to determine impact to people, property, environment, Dallas County employees, Dallas County facilities, and Dallas County Business Processes. In the assessment, numerical values were assigned for the following factors:

1.) Frequency of Occurrence:

Event probable next 10 years	1
Event possible next 5 years	2
Event possible next 3 years	3
Event possible next (1) year	4

2.) Probability:

Low/Unlikely	1	Less than 1% annual probability
Average/Occasional	2	Between 1 and 10% annual probability
Medium/Moderate/ Likely	3	Between 10 and 100% annual probability
High/Highly Likely	4	100% annual probability

3) Severity:

Low	1	• Very few injuries, if at all none
Medium/Moderate	2	• Minor Injuries
High	3	• Multiple deaths/injuries
Catastrophic	4	• High number of deaths/injuries

The risk factor was calculated by dividing the Frequency by the Probability times the severity to determine the risk factor $(P/F)*S=RF$.

4) Impact to People, Property, Environment, Dallas County Employees, Dallas County Facilities, and Dallas County Business Processes:

Low	1	• Minor illness or injury to employees resulting in one day's absence • Does not violate laws • Little or minimal environmental damage
Medium/Moderate	2	• Injury or illness of resulting in one or more work days lost • Mitigable environmental damage where restoration activities can be done
High	3	• Results in partial permanent disability, injuries or illness of 3 employees or more • Reversible environmental damage • Violation of law/regulation
Catastrophic	4	• Results in partial permanent disability, injuries or illness of 3 employees or more • Reversible environmental damage • Violation of law/regulation

5) Potential Damage: The potential damage was calculated by adding the numerical value given to people, property, and the environment (Dallas County Employees, Dallas County Facilities, and Dallas County Businesses Processes) will equal the potential damage. $(\text{People} + \text{Property} + \text{Environment} = \text{Potential Damage (PD)})$ or $\text{Dallas County Employees} + \text{Dallas County Facilities} + \text{Dallas County Business Processes} = \text{Potential Damage (PD)}$

6) Total Vulnerability: The total vulnerability is calculated by dividing the potential damage by the risk factor to get the percentage of vulnerability for people, property, and the environment. $\text{Risk Factor (RF)} / \text{Potential Damage (PD)} = \text{Vulnerability (V)}$. The total vulnerability was ranked from the highest percentage to the lowest percentage.

7) The descriptors in the **Priority Risk Index (PRI)** is used in this plan with the purpose of categorizing potential hazards for Dallas County and categorize and define each of the levels and values. It is to be used in collaboration with the HIRA Matrix

PRI Category	Degree of Risk		
	Level	Criteria	Index Value
	Unlikely/Low	Event Probable next 10 yrs.	1
Probability	Possible/Average/Occasional	Event possible in next 5 yrs.	2
	Likely/Moderate	Event possible in next 3 yrs.	3
	Highly Likely/High	Event possible next year	4
	Low	Very few injuries, if at all none	1
Life Impact	Medium/Moderate	Minor Injuries	2
	Critical	Multiple deaths/injuries	3
	Catastrophic	High number of deaths/injuries	4
	Low	Only minor property damage and minimal disruption of life. Temporary shutdown of critical facilities.	1
Property Impact	Medium/Moderate	More than 10% of property in affected area damaged/destroyed. Complete shutdown of critical facilities for more than one day.	2
	Critical	More than 25% of property in affected area damaged/destroyed. Complete shutdown of critical facilities for more than one week.	3
	Catastrophic	More than 50% of property in affected area damaged/destroyed. Complete shutdown of critical facilities for 30 days or more.	4
	Negligible	Less than 1% of area affected	1
Spatial Extent	Small	Between 1 and 10% of area affected	2
	Moderate	Between 10 and 50% of area affected	3
	Large	Between 50 and 100% of area affected	4

Appendix SC - B-1: Supporting Documentation & Outreach Materials

12/31/13

Sachse, TX - Official Website - HazMat Action Plan

+myConnections: Engage your community - connect to news, events and information you care about. [View more information...](#)



Sign In

Search

+ SHARE

FACEBOOK TWITTER

Clinics / Flu Shots

HazMat Action Plan

Preparedness

Terrorism Preparedness

Sachse RACES

Severe Weather
Information

[Home](#) > [Departments](#) > [Emergency Management](#) > [HazMat Action Plan](#)

HazMat Action Plan

Dallas County Office of Homeland Security and Emergency Management (HSEM), in conjunction with participating jurisdictions within Dallas County, has completed a draft of the Updated Dallas County Multi-jurisdictional Hazard Mitigation Action Plan (HazMAP) and has scheduled a 14-day public review and comment period of the Plan.

This Plan was made possible through a grant provided by the Federal Emergency Management Agency (FEMA) and administered by the Texas Division of Emergency Management (TDEM) and the North Central Texas Council of Governments (NCTCOG).

[Dallas County HazMAP - City of Sachse Annex](#)

We are asking that the public take this opportunity to make comments regarding the draft plan. Any comments or suggestions may be sent directly to [Fire Chief Rick Coleman](#).

OR You may [print out a comment form](#), fill out and mail to:
City of Sachse, Attn: Fire Chief Rick Coleman, 3815-B Sachse Road, Sachse, Texas, 75048

OR you may [fill out the form and submit online](#).

Emergency Alerts

Off

Report A Concern

(0)

Online Payments

Code of Ordinances

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Economic
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Appendix SC - C-1: City of Sachse Survey Responses

1. Please select your jurisdiction from the list. You may only select one jurisdiction for each survey completed. If you belong to more than one jurisdiction in this list, please complete multiple surveys.

✓ Total number of responses submitted from the citizens of the City of Sachse - 23

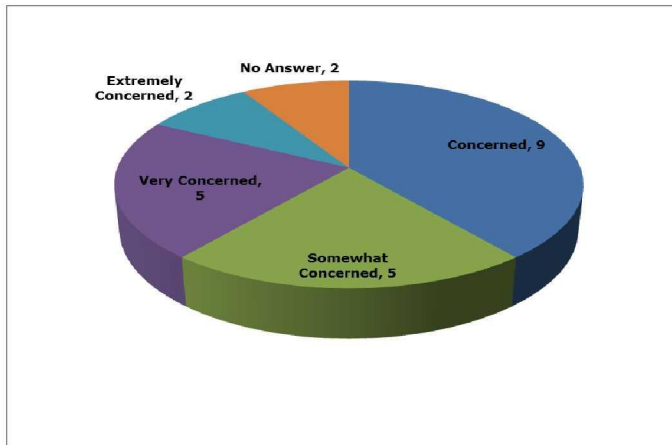
2. Have you ever experienced or been impacted by a disaster?



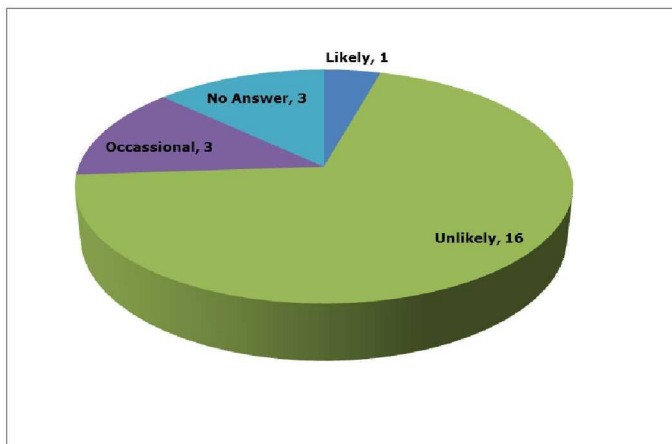
If yes, please indicate what the hazard you have endured and where and when it occurred.

- ✓ "Winter Storms - Topsham ME Earthquakes - California (3) Wildfires - California"
- ✓ "Flood. Fort Worth, 1989"
- ✓ "Tornado, Crosby TX 1980"
- ✓ "1993 Mother's Day Tornado"
- ✓ "In about 2002 we had a significant storm system come through with up to softball size hail and winds over 50mph."
- ✓ "Tornado, Garland, December 1984 Tornado, Sachse, May 1995(?)"
- ✓ "Sachse tornado f 1993"
- ✓ "Hurricane Allen - Weslaco, Texas and flooding in Staten Island, New York"

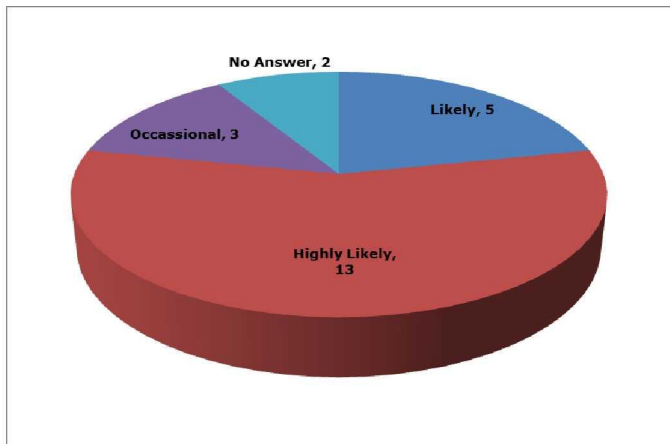
- 3.** How concerned are you about the possibility of your community or jurisdiction being impacted by a disaster?



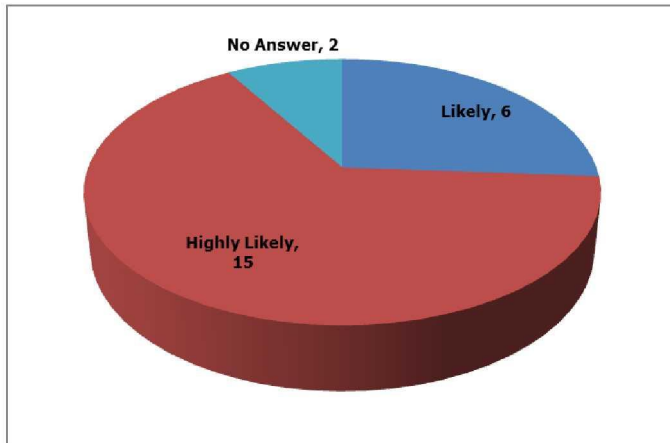
- 4.** The hazards addressed in the Dallas County Hazard Mitigation Action Plan are listed below. Please indicate your opinion for each hazard to impact your jurisdiction (identified above). Please rate each Hazard as follows.
Earthquakes:



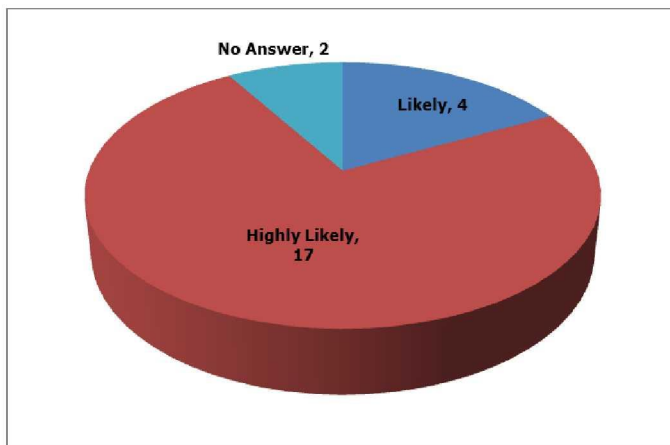
Tornado:



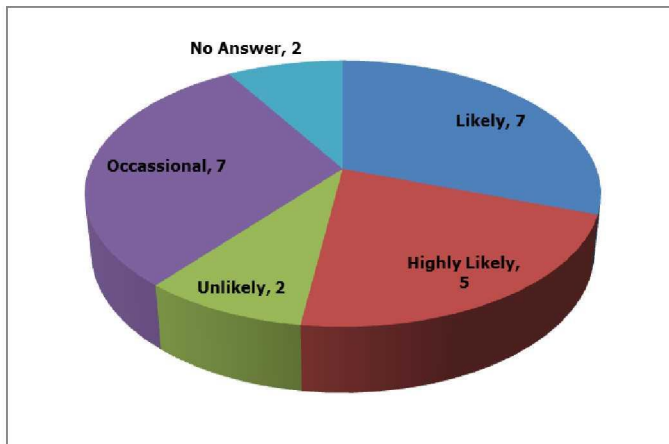
Hail:



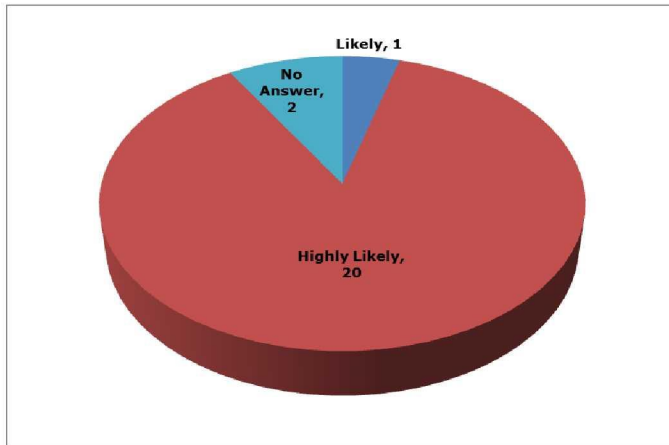
High Winds



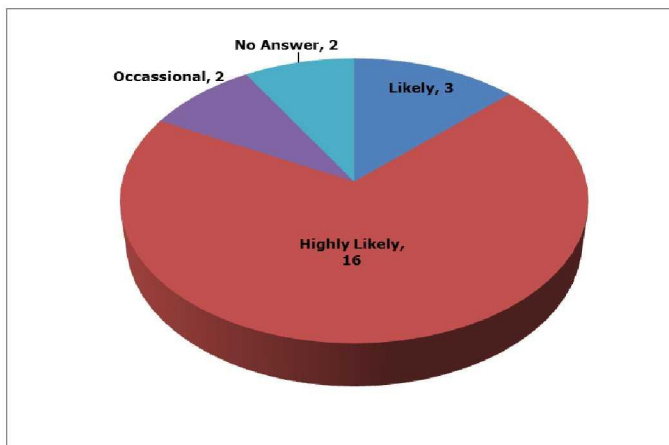
Winter Storms



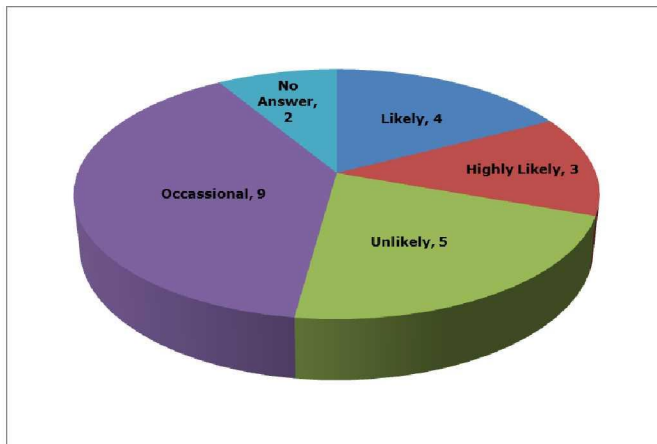
Extreme Heat



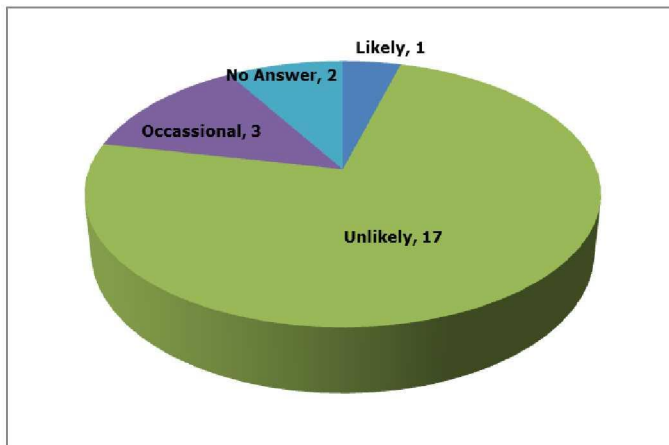
Drought



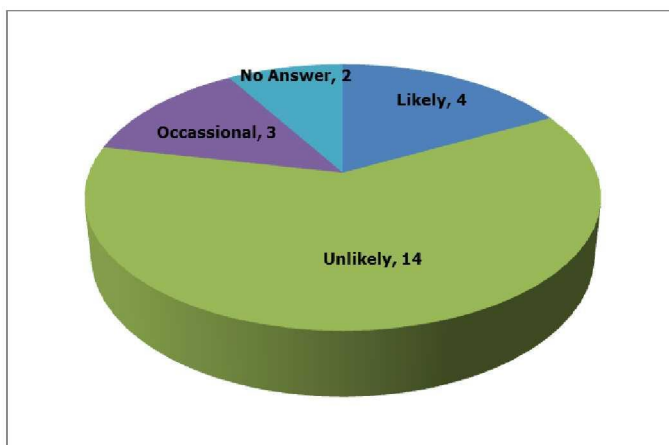
Flooding



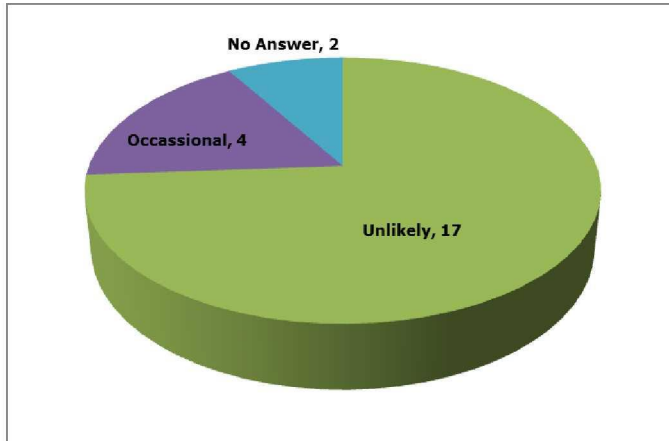
Dam Failure



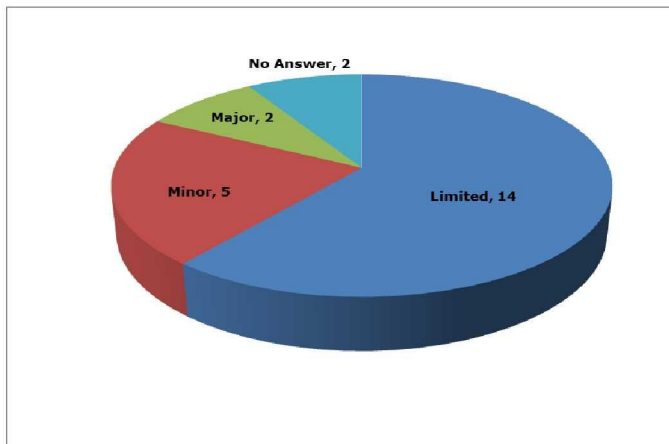
Stream Bank Erosion



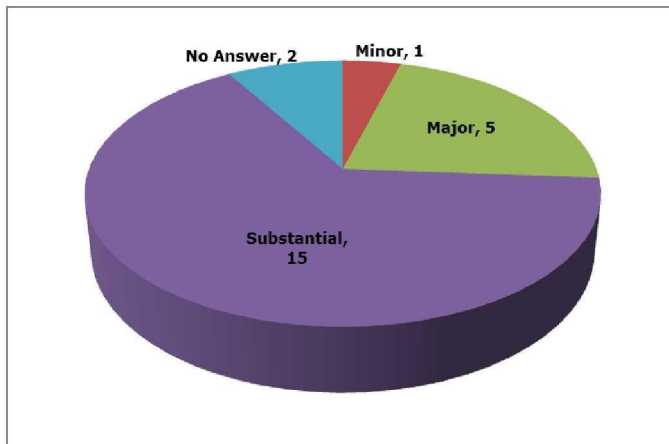
Levee Failure



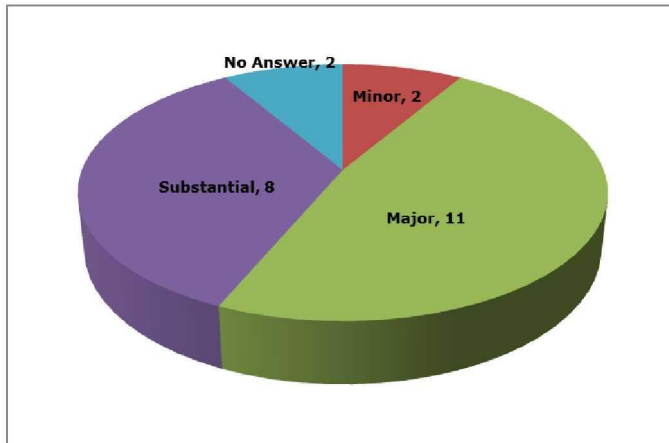
5. The hazards addressed in the Multi-Jurisdictional Hazard Mitigation Plan are listed below. Please indicate your opinion on the potential magnitude or impact of each hazard's impact on YOUR JURISDICTION (identified above). Please rate EACH hazard as follows.
- Earthquakes



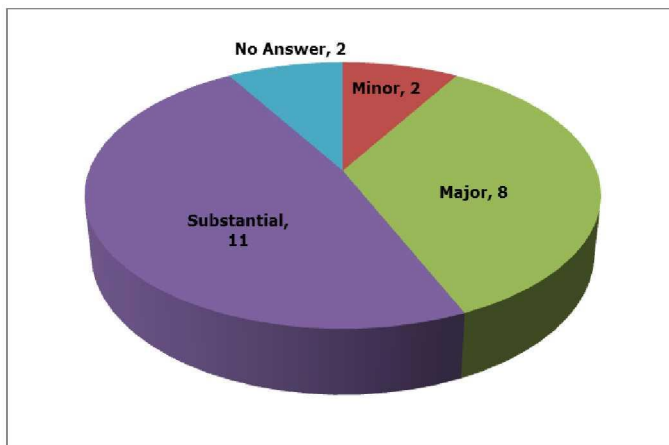
Tornado



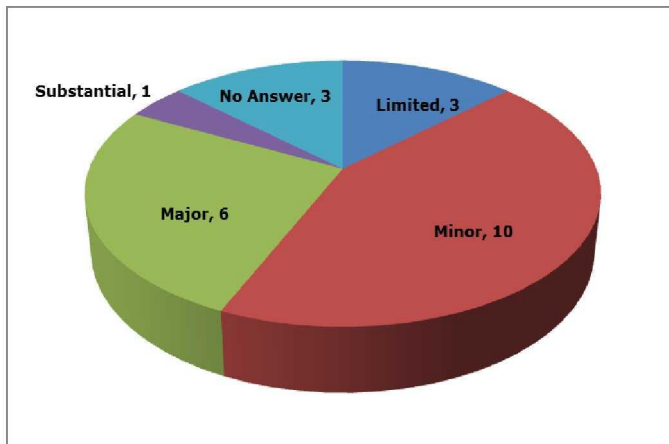
Hail



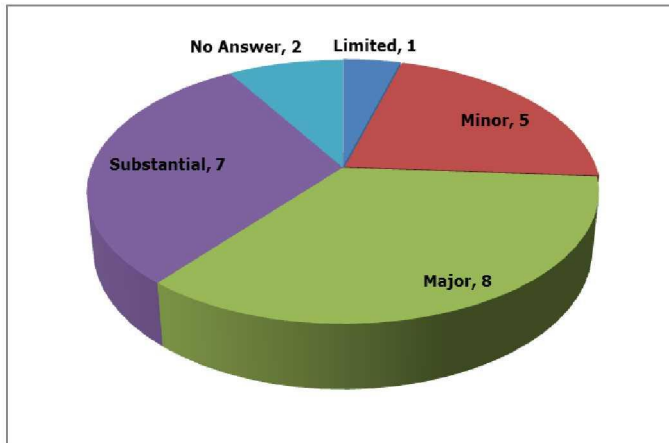
High Winds



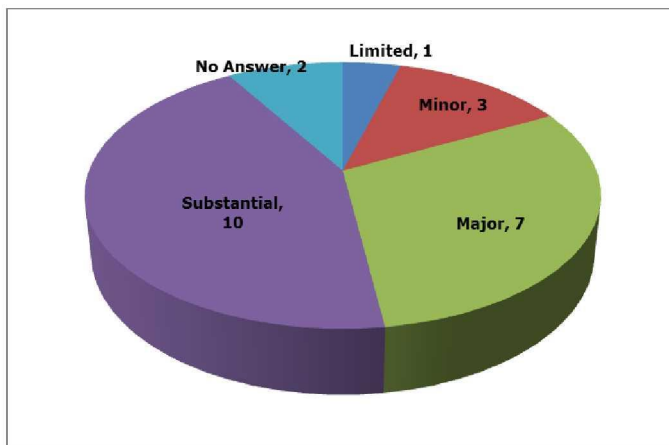
Winter Storms



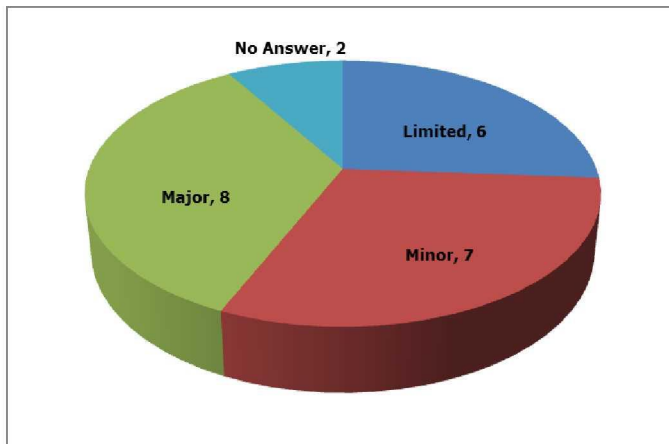
Extreme Heat



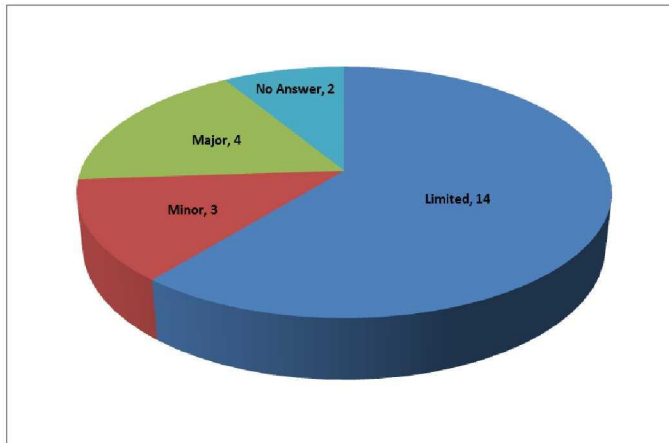
Drought



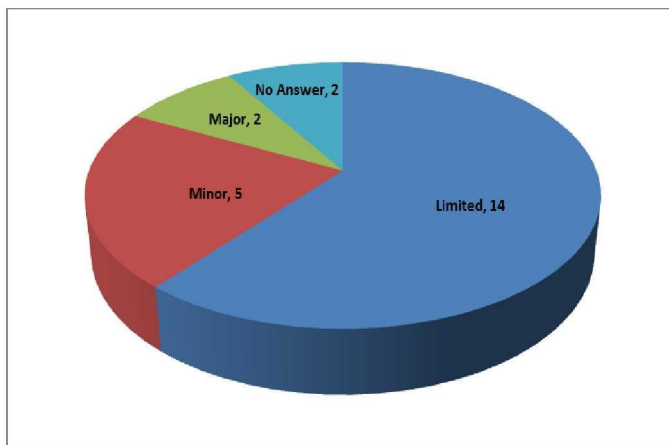
Flooding



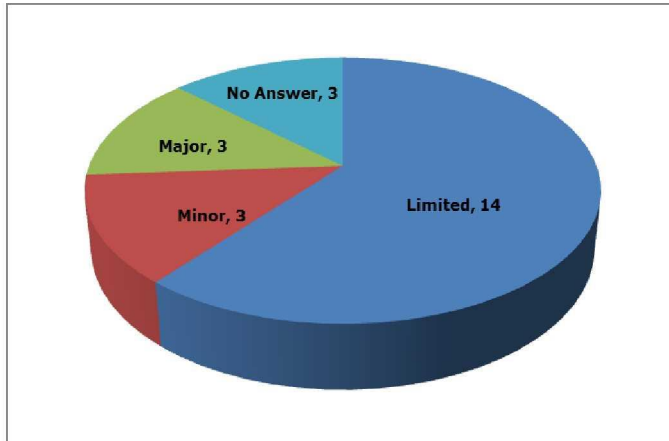
Dam Failure



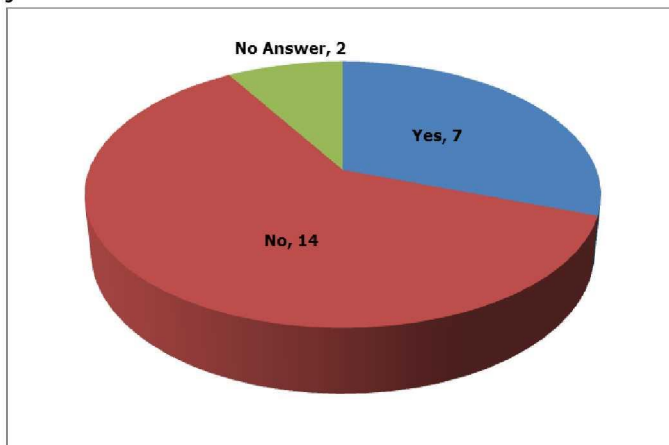
Stream Bank Erosion



Levee Failure



6. Is there another hazard not listed above that you think is a wide-scale threat to your jurisdiction?



If "Yes", please list the hazard(s) you think are a wide-scale threat that are not listed. Also rate each hazard you list above using the criteria description provided i.e. Occurrence (Unlikely, Occasional, Likely or Highly Likely); Severity or Impact (Low, Medium, High or Catastrophic); and Extent (Low, Medium, High or Catastrophic)

- ✓ "Hazardous Chemical Spill – Major; Likely"
- ✓ "Transportation Accident (mass casualty incident - i.e. Train or bus - Highly likely, Major"
- ✓ "Terrorism – Unlikely; High"
- ✓ "Train Derailment (HazMat) – Occasionally; High"
- ✓ "Train derailment, hopefully never but could create high environmental impact depending on if it was a chemical incident."
- ✓ "Wildland Fire – Occasional; Medium – Medium"

- ✓ " is a major rail line that divides our city which carries a lot of hazardous materials. A derailment or situation on that rail line could have significant

impacts to our town with homes and businesses in very close proximity to that railway.”

- ✓ “Railroad that is 6 blocks away. A train derailment of chemicals that are transported through our area could lead to high severity to our community.”
- ✓ “Train Derailment (unlikely; major),”
- ✓ “Chemical spill on roadways (unlikely; major),”
- ✓ “Epidemic – flu (unlikely, low-medium),”
- ✓ “Terrorism (unlikely, high).”

7. Below are broad mitigation strategies identified in the Dallas County Hazard Mitigation Action Plan (HazMAP) that are to address the hazards that affect the jurisdictions in the plan. In your opinion, please check which of these mitigation strategies do you believe could benefit your jurisdiction:

Answer Choices	Responses
Improve on Land Use Program	6
Flood Plain Management to include Localized Flood and Soil Erosion Reduction Projects (storm water management or localized flood control projects, and Cast in Place (CIP) Erosion Control):	9
Improve, adopt and enforce building codes:	9
Implement the Texas Individual Tornado Safe Room Rebate Program:	14
Expand and improve on programs such as the Community Emergency Response Teams (CERT) Training, Public Education and Public Awareness Programs:	20
Participate in the National Flood Insurance Program (NFIP) and Community Rating System (CRS) program:	6
Expanded use of CodeRED and other mass notification systems including outdoor warning siren system, and working better with the Nation Weather Service to monitor weather events:	17
Coordinate with Dam owners to conduct inundation studies of dams:	2
Water conservation strategies to include passing resolutions restricting water use for lawn and landscape irrigation; provide low follow devices to property owners:	15
Purchase and improve on the Weatherization Assistance Program (WAP):	10
Conduct an earthquake vulnerability study:	4
Purchase and install lightning prediction and protection devices such as lightning arrestors and lightning rods to protect communications and utility infrastructure:	13
Purchase and install temperature monitoring devices on the elevated roadways that are susceptible to icing:	6
Structural Retrofitting of Existing Buildings:	4
Total Respondents:	21

List any other strategies you think should be included in the plan:

- ✓ "Modifications of zoning ordinances requiring irrigation systems. ...with water issues in this area irrigation systems in every yard is not a good idea. New technologies of drip irrigation or other methods could be options but cities put pretty yards rather than the water issues."
- ✓ "Consider the feasibility and impact of finding/funding/building/encouraging community tornado shelters. Perhaps new communities, especially those with an HOA could construct a group tornado shelter for the whole community, as not everyone can build them on their property (including because of HOA restrictions on what can be added onto a building height wise etc.) Perhaps they could be located near community pools, or in a community meeting building."

8. List any other strategies you think should be included in the plan (Open Ended Response)

- ✓ "Programs focused on educating the public how to better prepare for emergencies."

RESOLUTION NO. _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS,
ADOPTING THE FEMA APPROVED 2015 DALLAS COUNTY HAZARD
MITIGATION ACTION PLAN; AND PROVIDING FOR AN EFFECTIVE DATE.**

WHEREAS, the City of Sachse, recognizes the threat that natural hazards pose to people and property within the City; and

WHEREAS, the City of Sachse has prepared a multi-hazard mitigation plan, hereby known as the Dallas County Hazard Mitigation Action Plan ("Dallas County HazMAP") dated December 15, 2015, in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, the Dallas County HazMAP dated December 15, 2015, identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in the City of Sachse from the impacts of future hazards and disasters; and

WHEREAS, adoption by the City Council demonstrates their commitment to the hazard mitigation and achieving the goals outlined in the Dallas County HazMAP dated December 15, 2015; and

WHEREAS, upon full review and consideration of the Dallas County HazMAP dated December 15, 2015, and all matters related thereto, the City Council is of the opinion and finds that Dallas County HazMAP should be approved and adopted by the City of Sachse;

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

SECTION 1. The Dallas County HazMAP dated December 15, 2015, is approved and shall be adopted by the City of Sachse.

SECTION 2. 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 the _____ day of _____, 2016.

CITY OF SACHSE, TEXAS

Mike J. Felix, Mayor

ATTEST:

Michelle Lewis Sirianni, City Secretary



City of Sachse, Texas

Legislation Details (With Text)

File #:	16-3193	Version:	1	Name:	1st Quarter Budget and Investment Report
Type:	Agenda Item	Status:		Status:	Agenda Ready
File created:	1/19/2016	In control:		In control:	City Council
On agenda:	2/15/2016	Final action:		Final action:	
Title:	Consider acceptance of the Quarterly Budget and Investment Report for the quarter ended December 31, 2015.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	1st Quarter 2016 Budget Report 1st Quarter 2016 Investment Report				

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

Title

Consider acceptance of the Quarterly Budget and Investment Report for the quarter ended December 31, 2015.

Background

The Finance Department releases a report quarterly on the City's finances. The report is comprised 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, and Health Insurance funds. The Investment Report provides investment activity details for the Money Market, Investment Pool, and Certificate of Deposit accounts.

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

Cash on hand available for investing at 12/31/15 was \$33,874,081 in all funds. The average interest/yield on all investments was .32%, and investment earnings totaled \$14,146.

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.

Budgetary Considerations

There are no significant aberrations in the budget that would require budget adjustments at this time.

Staff Recommendations

Accept the Quarterly Budget and Investment Report for the quarter ending December 31, 2015.

1st Quarter Budget Report (Unaudited)

As of December 31, 2015



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: TERESA SAVAGE, FINANCE DIRECTOR
SUBJ: QUARTERLY BUDGET REPORT FOR 1ST QUARTER ENDING DECEMBER 31, 2015
DATE: FEBRUARY 11, 2016
CC: MAYOR AND CITY COUNCIL

Attached is the 1st Quarter Budget Report for the 2015-2016 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 completed as of the end of December 2015.

Overall, the City received \$13.4 million for the 1st quarter, representing 47% of budgeted revenues.

CITY-WIDE REVENUES			
<i>Fund</i>	<i>Budget</i>	<i>YTD</i>	<i>% Collected</i>
General Fund	\$ 14,804,345	\$ 8,022,417	54.19%
Utility Fund	9,268,945	2,556,548	27.58%
Debt Service	3,002,587	2,114,889	70.44%
Special Revenue	57,680	13,619	23.61%
Impact Fee	330,000	387,826	117.52%
Street Maint. Tax	305,079	77,629	25.45%
Health Ins	994,058	263,016	26.46%
Total	\$ 28,762,694	\$ 13,435,944	46.71%

Expenditures totaled \$6 million for the 1st quarter, representing 21% of budgeted expenditures.

CITY-WIDE EXPENDITURES			
<i>Fund</i>	<i>Budget</i>	<i>YTD</i>	<i>% Expended</i>
General Fund	\$ 14,643,846	\$ 3,855,369	26.33%
Utility Fund	8,974,698	1,967,565	21.92%
Debt Service	3,017,579	-	0.00%
Special Revenue	230,200	14,977	6.51%
Impact Fee	728,000	-	0.00%
Street Maint. Tax	314,879	-	0.00%
Health Ins	993,977	198,612	19.98%
Total	\$ 28,903,179	\$ 6,036,523	20.89%

Revenue

- Through December, total General Fund revenues are \$8,022,417 or 72% of expected collections. Total revenues increased \$958,367 compared to the same period last fiscal year.
- Sales tax revenues through December are at 25% of expected collections, an increase of \$4,729 over prior year.
- Franchise fees are at \$402,582, or 25% of budget, a \$45,906 increase over prior year.
- General Fund current ad valorem tax revenues are 72% collected at \$6,543,567, resulting in an increase of \$874,909 over prior year.
- Through December, collections for Licenses & Permits have decreased \$23,485 from prior year and are at 36% of budget.
- Charges for services and fees year-to-date are \$198,852, 29% of budget. This is an increase of \$12,345 from the same period in the prior year.
- Court fine revenues finished December at \$58,637 or 21% of anticipated collections, an increase of \$8,275 during the same period in the prior year.
- Through December, Utility Fund revenues total \$2,556,548 or 28% of budget, a increase of \$467,528 from prior year.

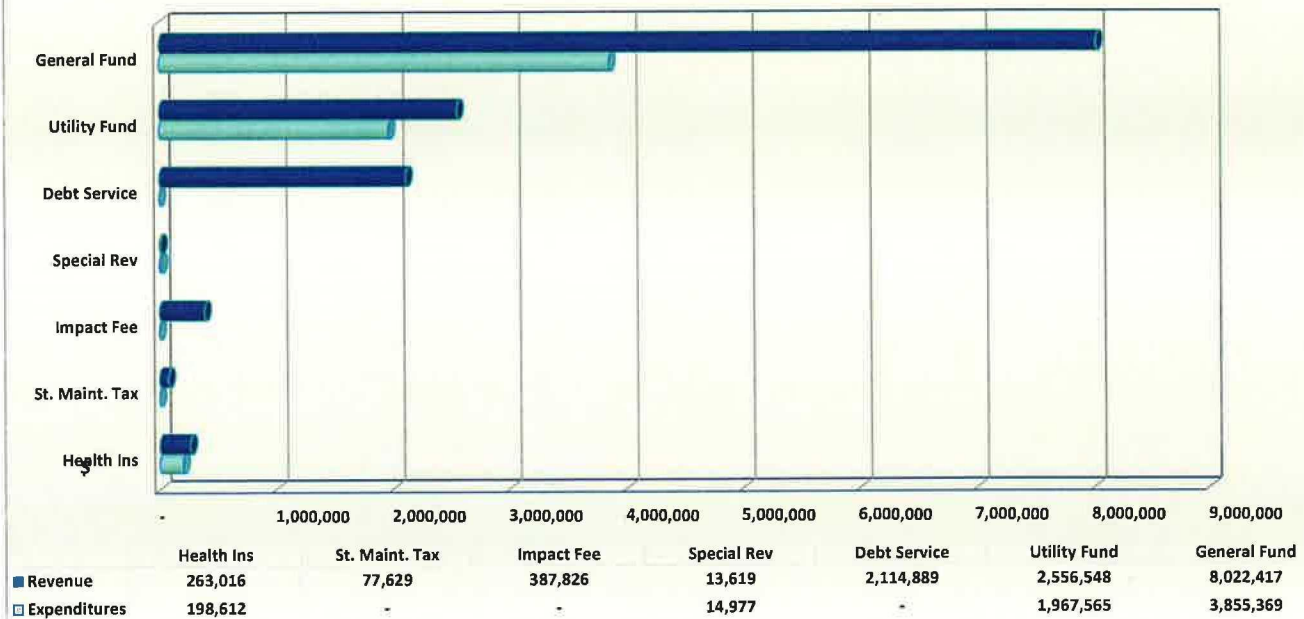
Expenditures

- Through December, total General Fund expenditures are at \$3,855,369 or 26% expended. This is an increase of \$850,470 over prior year.
- Utility Fund expenditures for the first quarter are at 22% of budget at \$1,967,565.

**CITY OF SACHSE
REVENUE AND EXPENDITURE SUMMARY
AND CHANGES IN FUND BALANCE RESERVES
QUARTER ENDED 12/31/2015 - 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	\$ 14,804,345	\$ 9,268,945	\$ 3,002,587	\$ 57,680	\$ 330,000	\$ 305,079	\$ 994,058	\$ 28,762,694
YTD Actual	8,022,417	2,556,548	2,114,889	13,619	387,826	77,629	263,016	13,435,945
Budget Remaining	\$ 6,781,928	\$ 6,712,397	\$ 887,698	\$ 44,061	\$ (57,826)	\$ 227,450	\$ 731,042	\$ 15,326,749
% of Budget	54.19%	27.58%	70.44%	23.61%	117.52%	25.45%	26.46%	46.71%
Expenditures								
Budget	\$ 14,643,846	\$ 8,974,698	\$ 3,017,579	\$ 230,200	\$ 728,000	\$ 314,879	\$ 993,977	\$ 28,903,179
YTD Actual	3,855,369	1,967,565	-	14,977	-	-	198,612	6,036,522
Budget Remaining	\$ 10,788,477	\$ 7,007,133	\$ 3,017,579	\$ 215,223	\$ 728,000	\$ 314,879	\$ 795,365	\$ 22,866,657
% of Budget	26.33%	21.92%	0.00%	6.51%	0.00%	0.00%	19.98%	20.89%
Net Over/Under	\$ 4,167,048	\$ 588,983	\$ 2,114,889	\$ (1,357)	\$ 387,826	\$ 77,629	\$ 64,404	\$ 7,399,422

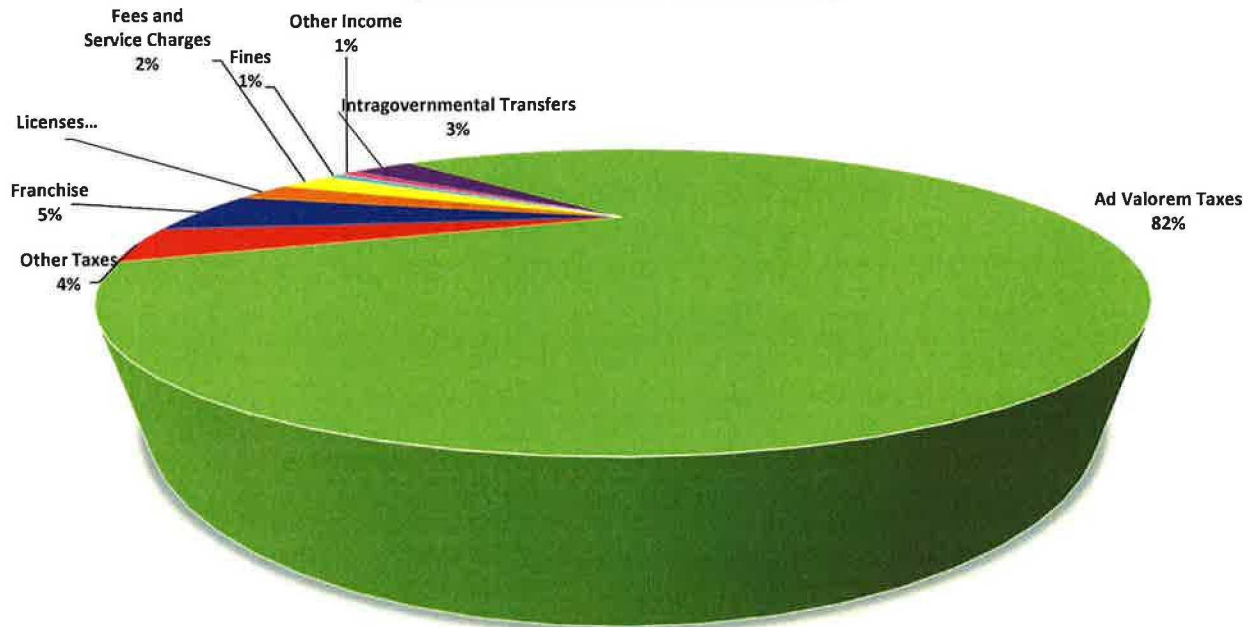
Revenue and Expenditure Summary



CITY OF SACHSE
GENERAL FUND REVENUES
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)

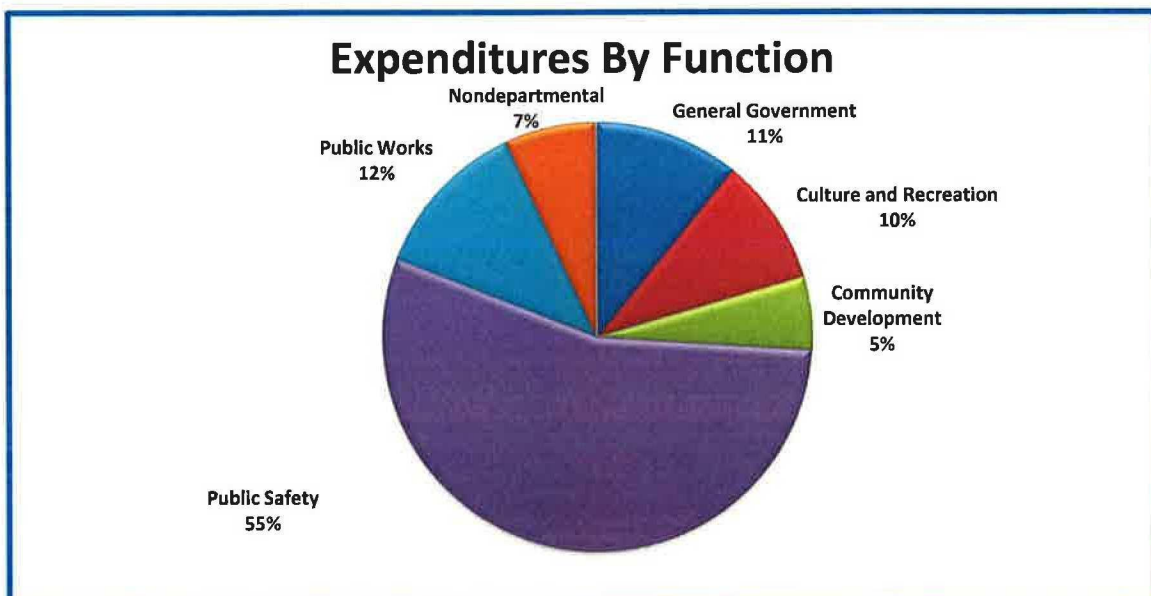
	<u>FY 2015 BUDGET</u>	<u>FY 2015 YEAR- TO-DATE</u>	<u>FY 2016 BUDGET</u>	<u>FY 2016 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
Ad Valorem Taxes	\$ 7,700,541	\$ 5,668,658	\$ 9,106,824	\$ 6,543,567	\$ 2,563,257	71.85%
Other Taxes	1,184,444	312,415	1,244,094	317,144	926,950	25.49%
Franchise Fees	1,486,816	356,676	1,590,122	402,582	1,187,540	25.32%
Licenses and Permits	527,220	213,588	535,500	190,103	345,397	35.50%
Fees and Service Charges	614,027	186,507	681,500	198,852	482,648	29.18%
Fines	250,000	50,362	275,000	58,637	216,363	21.32%
Other Income	159,613	50,877	384,360	64,795	319,565	16.86%
Intragovernmental Transfers	899,864	224,966	986,945	246,736	740,209	25.00%
TOTAL REVENUES	\$ 12,822,525	\$ 7,064,050	\$ 14,804,345	\$ 8,022,417	\$ 6,781,928	54.19%

General Fund Revenue



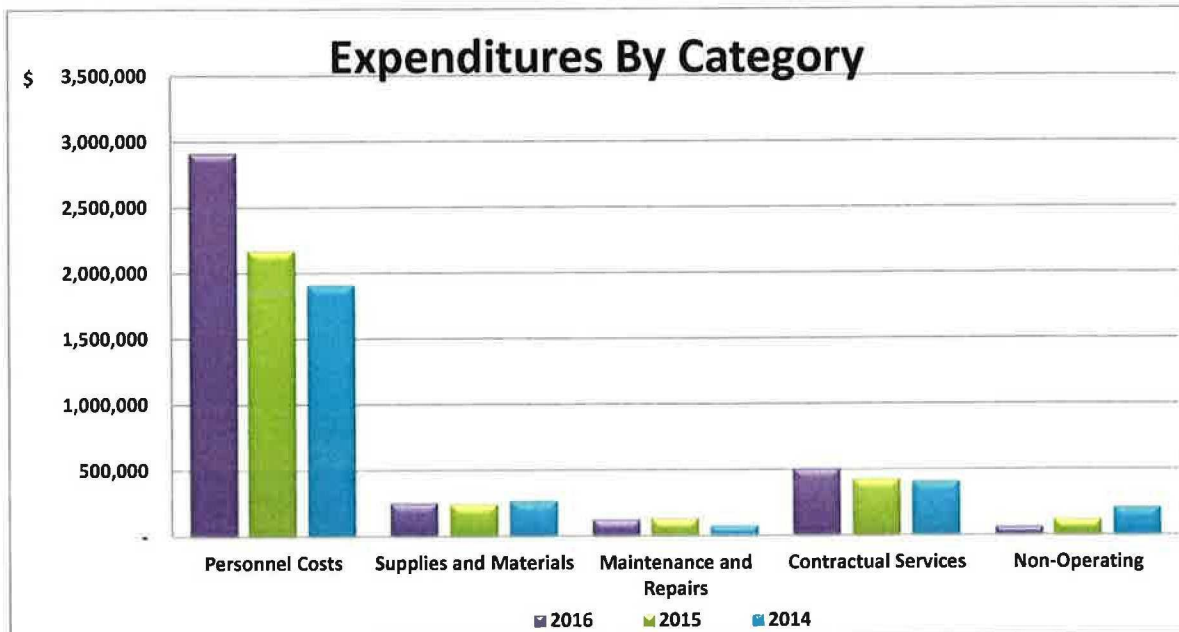
CITY OF SACHSE
GENERAL FUND EXPENDITURES
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)

	FY 2015 BUDGET	FY 2015 YEAR- TO-DATE	FY 2016 BUDGET	FY 2016 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
General Government						
City Manager	\$ 345,708	\$ 76,672	\$ 374,652	\$ 95,080	\$ 279,572	25.38%
City Secretary	169,012	40,364	157,148	32,540	124,608	20.71%
Human Resources	292,304	55,227	294,803	73,855	220,948	25.05%
Finance	552,435	143,758	608,428	174,399	434,029	28.66%
Municipal Court	185,400	30,150	212,197	44,225	167,972	20.84%
	<u>1,544,859</u>	<u>346,171</u>	<u>1,647,228</u>	<u>420,099</u>	<u>1,227,129</u>	<u>25.50%</u>
Culture and Recreation						
Parks and Recreation	899,087	189,350	1,004,375	241,731	762,644	24.07%
Senior Citizen Programs	115,061	26,242	122,821	29,241	93,580	23.81%
Library Services	327,083	75,411	371,686	99,902	271,784	26.88%
	<u>1,341,231</u>	<u>291,004</u>	<u>1,498,882</u>	<u>370,874</u>	<u>1,128,008</u>	<u>24.74%</u>
Public Safety						
Police	3,808,914	912,920	4,566,001	1,220,312	3,345,689	26.73%
Animal Control	177,471	43,649	225,172	50,752	174,420	22.54%
Fire and Ambulance	2,869,257	597,187	3,295,682	848,347	2,447,335	25.74%
	<u>6,855,642</u>	<u>1,553,756</u>	<u>8,086,855</u>	<u>2,119,412</u>	<u>5,967,443</u>	<u>26.21%</u>
Public Works						
Streets and Drainage	1,057,273	234,551	1,259,147	286,026	973,121	22.72%
Facility Maintenance	389,947	79,770	463,404	106,861	356,543	23.06%
City Engineer	290,568	61,568	299,968	75,137	224,831	25.05%
	<u>1,737,788</u>	<u>375,889</u>	<u>2,022,519</u>	<u>468,024</u>	<u>1,554,495</u>	<u>23.14%</u>
Community Development	677,969	163,976	810,899	212,061	598,838	26.15%
Nondepartmental	561,690	274,104	577,463	264,899	312,564	45.87%
TOTAL EXPENDITURES	<u><u>\$ 12,719,179</u></u>	<u><u>\$ 3,004,899</u></u>	<u><u>\$ 14,643,846</u></u>	<u><u>\$ 3,855,369</u></u>	<u><u>\$ 10,788,477</u></u>	<u><u>26.33%</u></u>



CITY OF SACHSE
GENERAL FUND EXPENDITURES BY CATEGORY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)

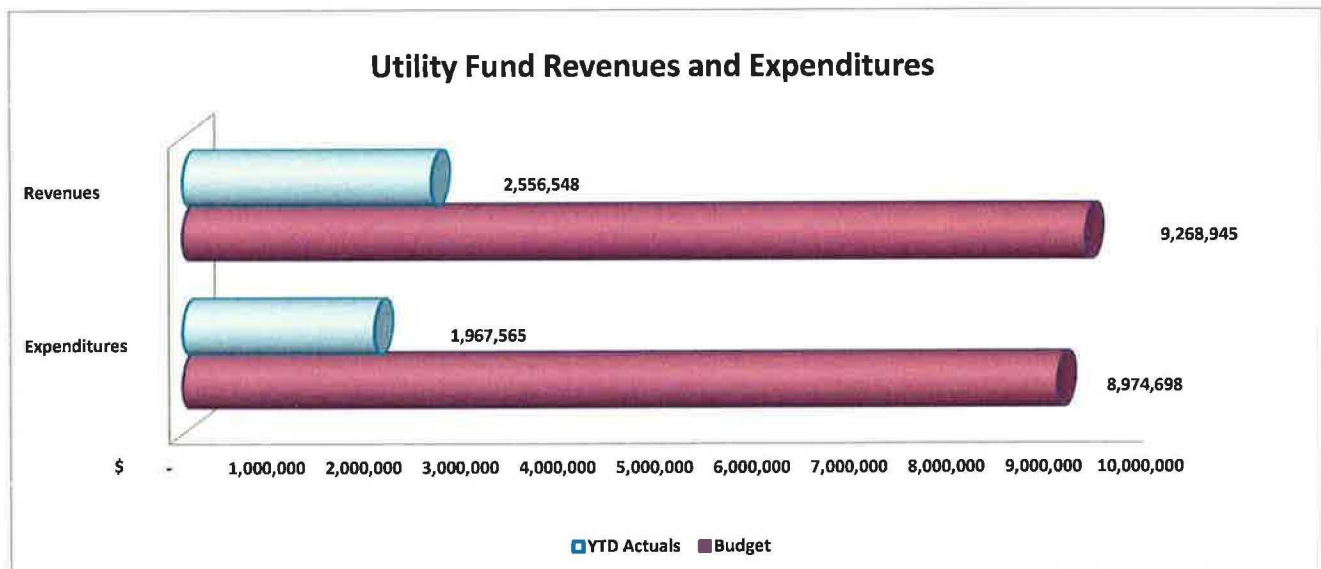
	FISCAL YEAR	BUDGET	YEAR-TO-DATE	BUDGET REMAINING	% OF BUDGET
Personnel Costs	2016	\$ 10,863,372	\$ 2,913,177	\$ 7,950,195	26.82%
	2015	8,949,577	2,170,894	6,778,683	24.26%
	2014	7,876,667	1,907,162	5,969,505	24.21%
Supplies and Materials	2016	1,485,348	251,053	1,234,295	16.90%
	2015	1,395,145	241,246	1,153,899	17.29%
	2014	1,304,760	264,425	1,040,335	20.27%
Maintenance and Repairs	2016	542,843	123,346	419,497	22.72%
	2015	491,392	130,658	360,734	26.59%
	2014	469,084	74,783	394,301	15.94%
Contractual Services	2016	1,184,751	503,987	680,764	42.54%
	2015	1,299,452	425,331	874,121	32.73%
	2014	1,115,237	406,304	708,933	36.43%
Non-Operating	2016	667,532	63,806	603,726	9.56%
	2015	1,095,853	119,331	976,522	10.89%
	2014	879,003	211,087	667,916	24.01%
TOTAL EXPENDITURES	2016	14,743,846	3,855,369.05	10,888,477	26.15%
	2015	13,231,419	3,087,460	10,143,959	23.33%
	2014	11,644,751	2,863,761	8,780,990	24.59%



**CITY OF SACHSE
UTILITY FUND SUMMARY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)**

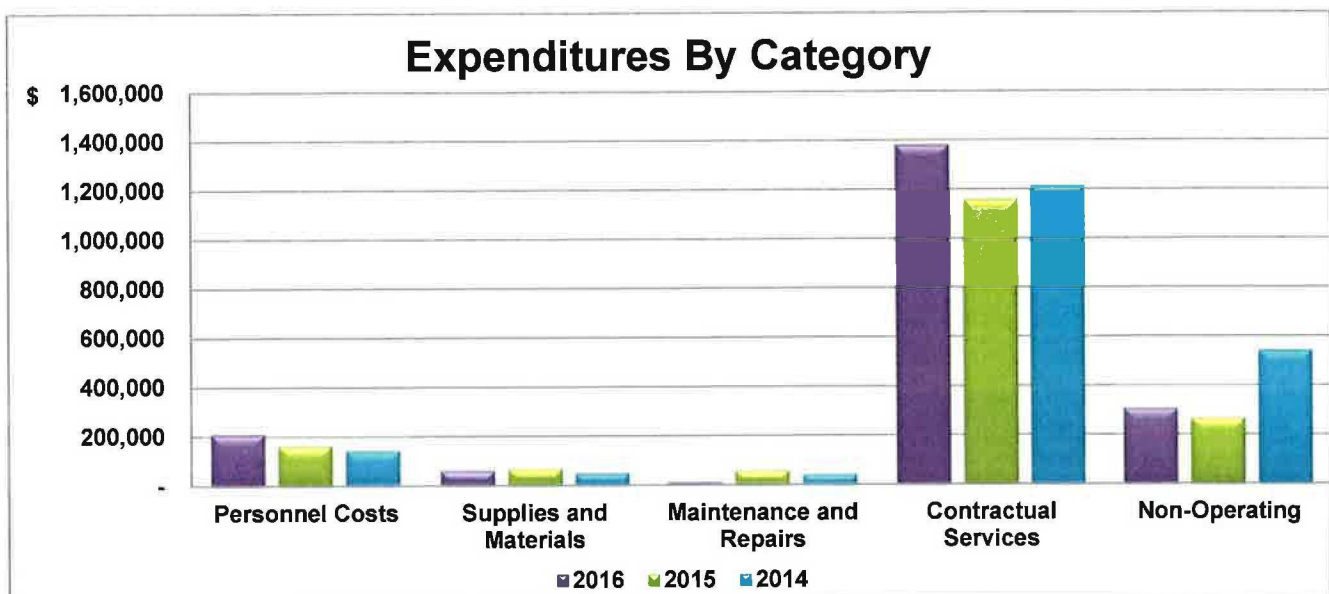
	<u>FY 2015 BUDGET</u>	<u>FY 2015 YEAR- TO-DATE</u>	<u>FY 2016 BUDGET</u>	<u>FY 2016 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Water Revenue	\$ 4,102,178	\$ 1,126,365	\$ 4,839,836	\$ 1,530,600	\$ 3,309,236	31.63%
Sewer Revenue	3,712,681	889,237	4,132,115	988,372	3,143,743	23.92%
Fees and Service Charges	178,000	67,085	156,300	37,805	118,495	24.19%
Other Gov'ts & Sources	22,000	5,531	138,194	-	138,194	0.00%
Other Income	3,200	802	2,500	(229)	2,729	-9.15%
TOTAL REVENUES	\$ 8,018,059	\$ 2,089,020	\$ 9,268,945	\$ 2,556,548	\$ 6,712,397	27.58%

EXPENDITURES						
Utility Administration	\$ 262,207	\$ 57,398	\$ 285,823	\$ 67,877	217,946	23.75%
Water Operations	4,252,457	1,025,636	5,034,698	1,174,911	3,859,787	23.34%
Sewer Operations	3,061,482	554,139	3,427,132	652,715	2,774,417	19.05%
Meter Reading	217,977	75,599	227,045	72,062	154,983	31.74%
TOTAL EXPENDITURES	\$ 7,794,123	\$ 1,712,772	\$ 8,974,698	\$ 1,967,565	\$ 7,007,133	21.92%



CITY OF SACHSE
UTILITY FUND EXPENDITURES BY CATEGORY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)

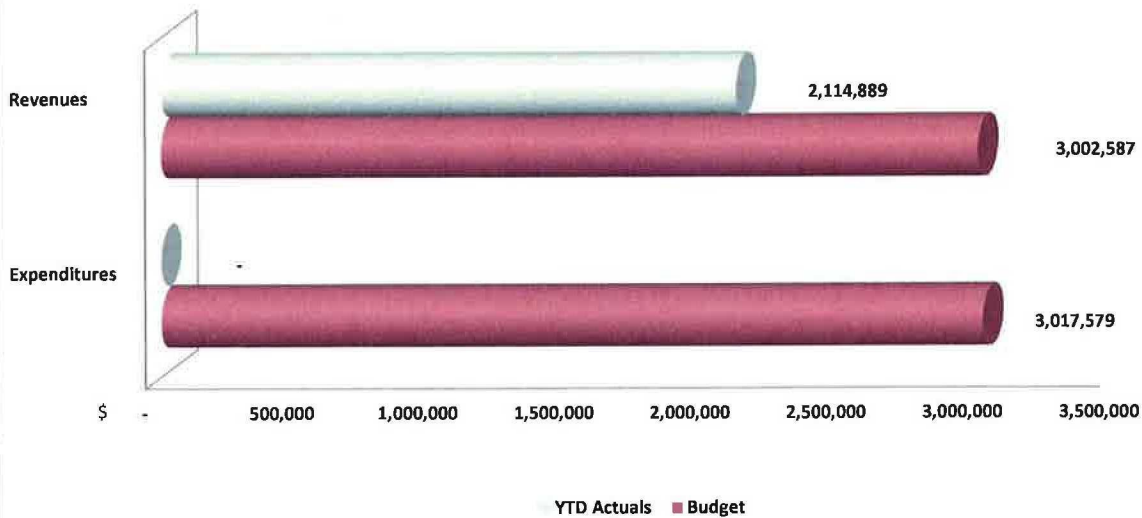
	FISCAL YEAR	BUDGET	YEAR-TO-DATE	BUDGET REMAINING	% OF BUDGET
Personnel Costs	2016	\$ 771,317	\$ 208,904	\$ 562,413	27.08%
	2015	659,424	161,249	498,175	24.45%
	2014	572,937	142,608	430,329	24.89%
Supplies and Materials	2016	333,772	60,100	273,672	18.01%
	2015	327,747	68,885	258,862	21.02%
	2014	300,838	50,257	250,581	16.71%
Maintenance and Repairs	2016	177,696	12,748	164,948	7.17%
	2015	176,250	58,469	117,781	33.17%
	2014	175,850	40,391	135,459	22.97%
Contractual Services	2016	6,025,614	1,380,288	4,645,326	22.91%
	2015	5,540,717	1,158,562	4,382,155	20.91%
	2014	5,285,342	1,212,981	4,072,361	22.95%
Non-Operating	2016	1,666,299	305,525	1,360,774	18.34%
	2015	1,089,985	265,607	824,378	24.37%
	2014	1,057,349	539,713	517,636	51.04%
TOTAL EXPENDITURES	2016	8,974,698	1,967,565	7,007,133	21.92%
	2015	7,794,123	1,712,772	6,081,351	21.98%
	2014	7,392,316	1,985,950	5,406,366	26.87%



CITY OF SACHSE
DEBT SERVICE FUND SUMMARY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)

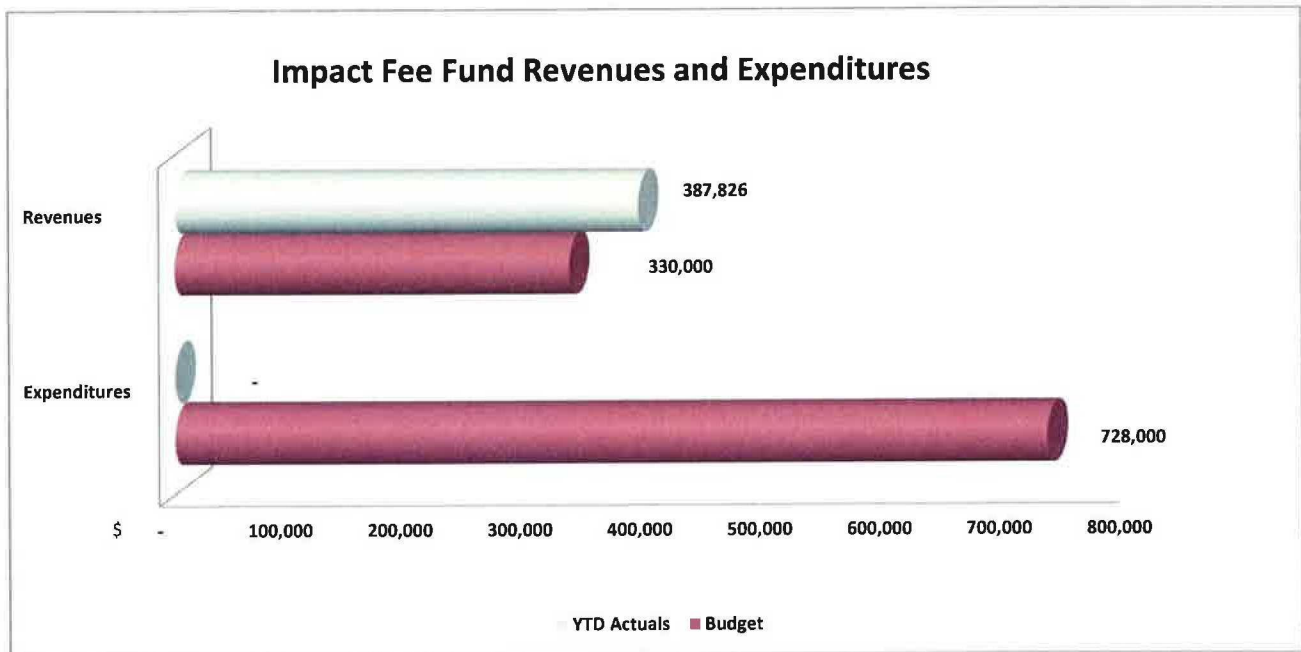
	<u>FY 2015 BUDGET</u>	<u>FY 2015 YEAR- TO-DATE</u>	<u>FY 2016 BUDGET</u>	<u>FY 2016 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Ad Valorem Taxes	\$ 2,964,058	\$ 2,147,529	\$ 3,001,087	\$ 2,114,862	\$ 886,225	70.47%
Other Income	1,500	349	1,500	27	1,473	1.79%
TOTAL REVENUES	<u>\$ 2,965,558</u>	<u>\$ 2,147,878</u>	<u>\$ 3,002,587</u>	<u>\$ 2,114,889</u>	<u>\$ 887,698</u>	<u>70.44%</u>
EXPENDITURES						
Principal	\$ 1,195,000		\$ 1,325,000		\$ 1,325,000	0.00%
Interest	1,762,191		1,553,433		1,553,433	0.00%
Transfer Out Utility Fund			138,146	-	138,146	
Agent Fees	1,000		1,000		1,000	0.00%
TOTAL EXPENDITURES	<u>\$ 2,958,191</u>	<u>\$ -</u>	<u>\$ 3,017,579</u>	<u>\$ -</u>	<u>\$ 3,017,579</u>	<u>0.00%</u>

Debt Service Fund Revenues and Expenditures



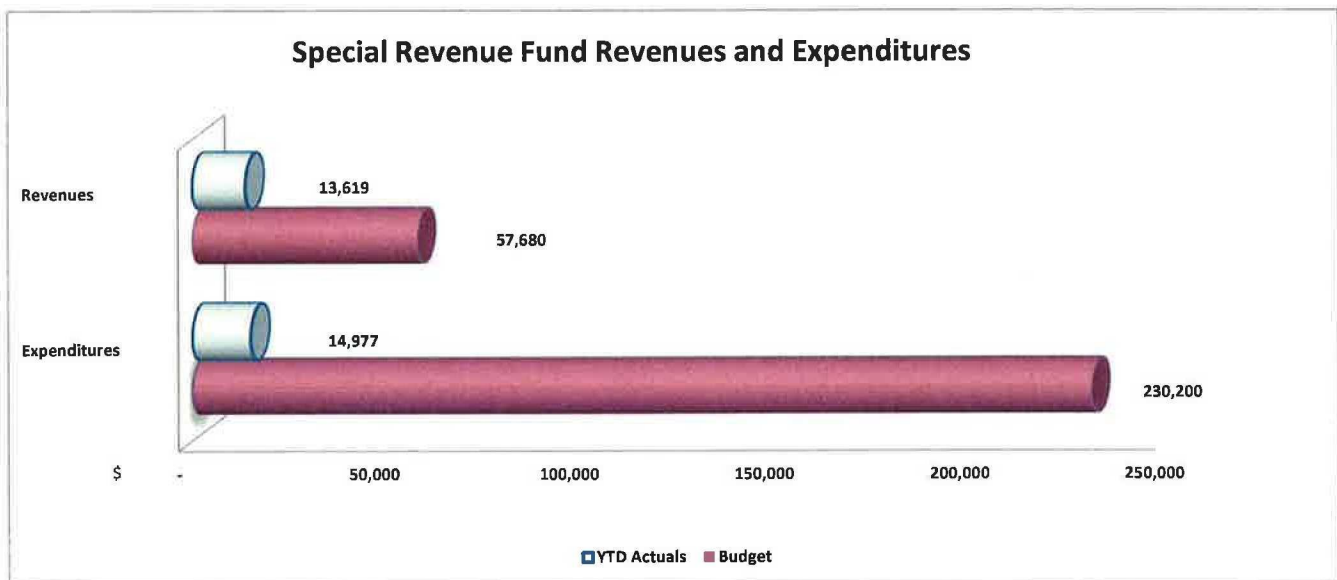
**CITY OF SACHSE
IMPACT FEE FUND SUMMARY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)**

	<u>FY 2015 BUDGET</u>	<u>FY 2015 YEAR- TO-DATE</u>	<u>FY 2016 BUDGET</u>	<u>FY 2016 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Total Impact Fees	\$ 250,000	\$ 899,992	\$ 325,000	\$ 386,532	\$ (61,532)	118.93%
Other Income	4,000	2,330	5,000	1,295	3,705	25.90%
TOTAL REVENUES	<u>\$ 254,000</u>	<u>\$ 1,368,231</u>	<u>\$ 330,000</u>	<u>\$ 387,826</u>	<u>\$ (57,826)</u>	<u>117.52%</u>
EXPENDITURES						
Intergovernmental	\$ 885,000	\$ -	\$ 728,000	\$ -	\$ 728,000	0.00%
TOTAL EXPENDITURES	<u>\$ 885,000</u>	<u>\$ -</u>	<u>\$ 728,000</u>	<u>\$ -</u>	<u>\$ 728,000</u>	<u>0.00%</u>



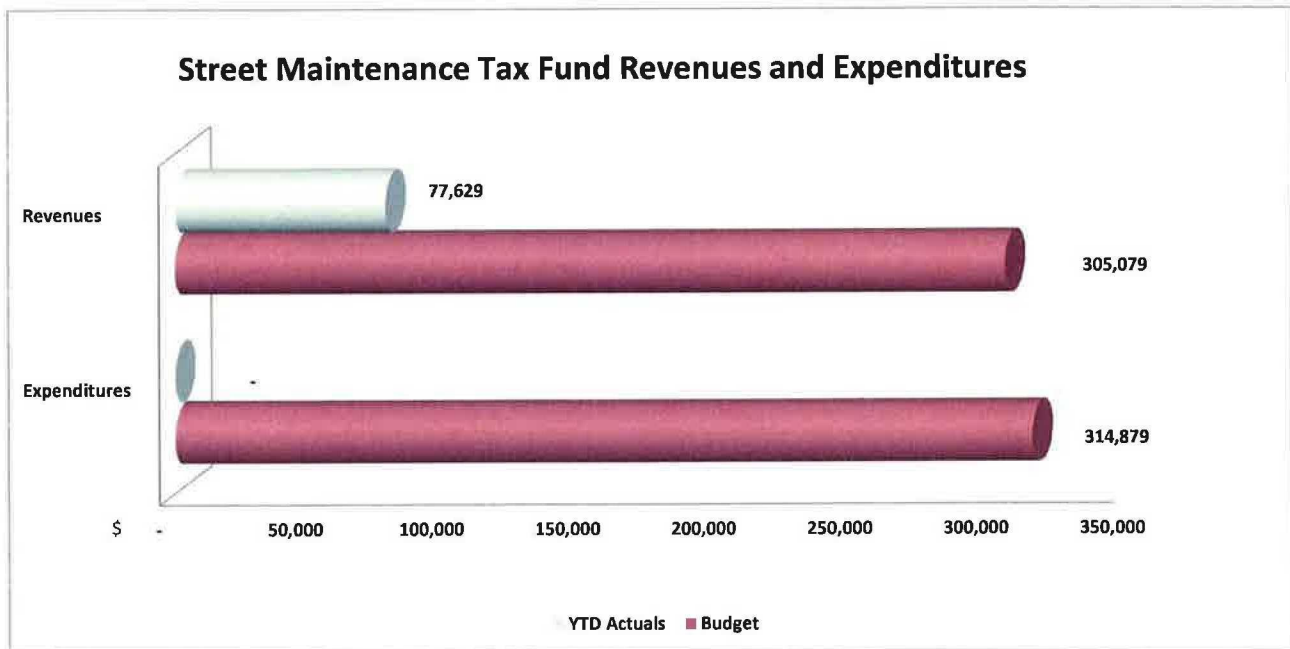
**CITY OF SACHSE
SPECIAL REVENUE FUND SUMMARY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)**

	FY 2015 BUDGET	FY 2015 YEAR- TO-DATE	FY 2016 BUDGET	FY 2016 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
REVENUES						
Fees	\$ 85,500	\$ 8,316	\$ 57,200	\$ 11,725	\$ 45,475	20.50%
Other Income	800	4,213	480	(99)	579	-20.55%
Grants and Donations	-	2,262	-	1,993	(1,993)	545.77%
TOTAL REVENUES	\$ 86,300	\$ 14,790	\$ 57,680	\$ 13,619	\$ 44,061	23.61%
EXPENDITURES						
City Manager	\$ 52,000	\$ -	\$ 52,000	\$ -	\$ 52,000	0.00%
Finance	-	-	-	-	-	0.00%
Municipal Court	55,000	-	31,200	60	31,140	0.19%
Parks and Recreation	100,000	-	100,000	-	100,000	0.00%
Senior Citizen Programs	2,000	-	2,000	-	2,000	0.00%
Library Services	-	-	27,000	12,002	14,998	0.00%
Streets and Drainage	-	-	-	-	-	0.00%
Police	3,000	-	3,000	2,915	85	97.17%
Animal Control	5,000	-	10,000	-	10,000	0.00%
Fire and Ambulance	12,500	2,023	5,000	-	5,000	0.00%
Municipal Center	-	-	-	-	-	0.00%
TOTAL EXPENDITURES	\$ 229,500	\$ 2,023	\$ 230,200	\$ 14,977	\$ 215,223	6.51%



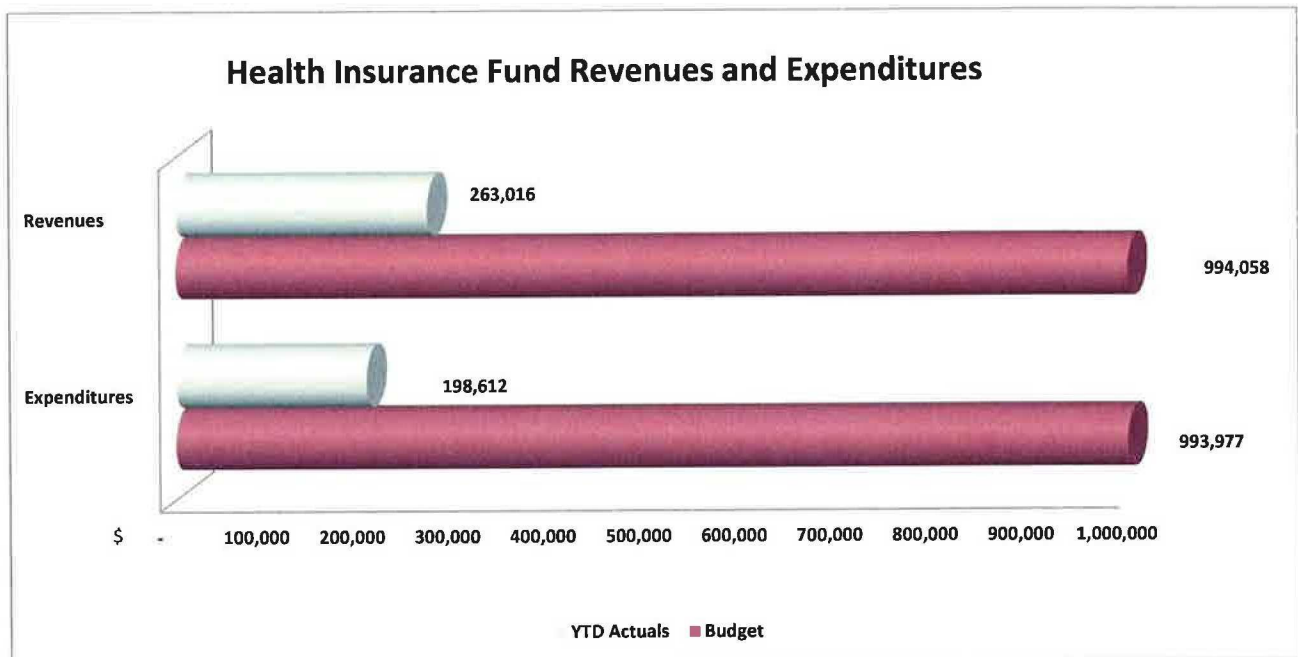
**CITY OF SACHSE
STREET MAINTENANCE TAX FUND
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)**

	<u>FY 2015 BUDGET</u>	<u>FY 2015 YEAR- TO-DATE</u>	<u>FY 2016 BUDGET</u>	<u>FY 2016 YEAR- TO-DATE</u>	<u>BUDGET REMAINING</u>	<u>% OF BUDGET</u>
REVENUES						
Sales Tax	\$ 291,611	\$ 76,915	\$ 304,879	\$ 77,641	\$ 227,238	25.47%
Other Income	200	16	200	(12)	212	-5.76%
TOTAL REVENUES	<u>\$ 291,811</u>	<u>\$ 76,931</u>	<u>\$ 305,079</u>	<u>\$ 77,629</u>	<u>\$ 227,450</u>	<u>25.45%</u>
EXPENDITURES						
Street Maintenance	\$ 282,000	\$ 16,459	\$ 314,879		\$ 314,879	0.00%
TOTAL EXPENDITURES	<u>\$ 282,000</u>	<u>\$ 16,459</u>	<u>\$ 314,879</u>	<u>\$ -</u>	<u>\$ 314,879</u>	<u>0.00%</u>



**CITY OF SACHSE
HEALTH INSURANCE FUND SUMMARY
QUARTER ENDED 12/31/2015 - 25% OF YEAR COMPLETE (UNAUDITED)**

	FY 2015 BUDGET	FY 2015 YEAR- TO-DATE	FY 2016 BUDGET	FY 2016 YEAR- TO-DATE	BUDGET REMAINING	% OF BUDGET
REVENUES						
Other Income	\$ 35	\$ 30	\$ 80	\$ (21)	\$ 101	-26.11%
Transfers In - Utility Fund	70,796	17,700	78,944	19,736	59,208	25.00%
Transfers In-General Fund	865,978	216,495	915,034	243,301	671,733	26.59%
					-	
TOTAL REVENUES	\$ 866,013	\$ 216,525	\$ 994,058	\$ 263,016	\$ 731,042	26.46%
EXPENDITURES						
Health Insurance	\$ 726,351	\$ 149,195	\$ 795,548	\$ 171,601	\$ 623,947	21.57%
Dental Insurance	33,428	8,283	34,882	8,163	26,720	23.40%
H.R.A. Deductible Reimb.	-	-	79,032	10,576	68,456	13.38%
H.S.A. Contribution	85,472	3,969	60,775	3,586	57,190	5.90%
Life and LTD Insurance	20,727	4,588	23,740	4,687	19,053	19.74%
TOTAL EXPENDITURES	\$ 865,978	\$ 166,035	\$ 993,977	\$ 198,612	\$ 795,365	19.98%



Memo

To: **Gina Nash, City Manager**
 From: **Berna Fitzpatrick, Finance Manager**
 CC: **Mayor and City Council**
 Date: **January 20, 2016**
 Re: **Investment Report for period ending December 31, 2015**

Attached is the Quarterly Investment Report for the quarter ending December 31 of the fiscal year 2015-2016. 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 portfolio¹ consisted of the following investments:

Portfolio at Quarter Close:	Rate at 12/31/2015	% Total	Total Investment
Money Market Account –ANB	.20%	62.35%	21,121,023
Money Market Account(EDC)-ANB	.14%	4.49%	1,522,251
Investment Pool – Tex Pool	.1863%	.59%	200,199
CD—Comerica Bank	.67%	2.98%	1,010,120
CD—Independent Bank	.55%	2.97%	1,005,511
CD---Independent Bank	.35%	2.97%	1,004,508
CD---Independent Bank	.60%	2.97%	1,006,014
CD---Independent Bank	.55%	2.96%	1,001,933
CD---Independent Bank	.50%	2.96%	1,002,522
CD---Independent Bank	.50%	2.95%	1,000,000
CD---Independent Bank	.50%	2.95%	1,000,000
CD---Independent Bank	.60%	2.95%	1,000,000
CD---Independent Bank	.70%	2.95%	1,000,000
CD---Independent Bank	.70%	2.95%	1,000,000
Total Invested City Funds:		100.0%	\$33,874,081

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 with American National Bank, Independent Bank, Comerica Bank, and Investment Pools are fully secured and safeguarded. **Total investment interest earned for the quarter ending December 31 was \$14,146.**

Citywide cash and investments for the period ending December 31 was \$33,874,081. Of this amount, \$4,439,470 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.

67% 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 .32%. The Texpool Prime Fund interest rate was .2776% and the Texpool interest rate was .1863% at December 31, 2015. The rolling three month Treasury yield was .13% with the rolling six month Treasury yield at .25%.

¹ Includes the Sachse Economic Development Corporation



QUARTERLY INVESTMENT REPORT

For the Quarter Ended

December 31, 2015

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

Bena Stutzpatrick-Walker

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	Ave. Yield	December 31, 2015		September 30, 2015	
		Book Value	Market Value	Book Value	Market Value
Bank/Pool	0.20%	\$ 22,843,473	\$ 22,843,473	\$ 21,190,360	\$ 21,190,360
CDs/Securities	0.57%	11,030,608	11,030,608	6,022,691	6,022,691
Totals		\$ 33,874,081	\$ 33,874,081	\$ 27,213,051	\$ 27,213,051

Current Quarter Average Yield (1)

Total Portfolio 0.32%

Fiscal Year-to-Date Average Yield (2)

Total Portfolio 0.32%

Rolling Three Mo. Treas. Yield 0.13%

Rolling Three Mo. Treas. Yield 0.13%

Rolling Six Mo. Treas. Yield 0.25%

Rolling Six Mo. Treas. Yield 0.25%

Average Quarterly TexPool Yield 0.19%

Average Quarterly TexPool Yield 0.19%

	City	EDC
Interest Earnings QTR	\$ 11,210	\$ 2,936
Interest Earnings YTD	\$ 11,210	\$ 2,936

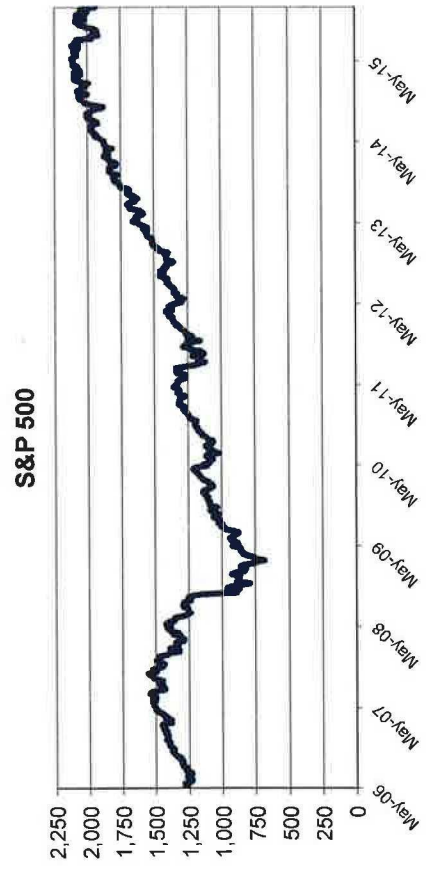
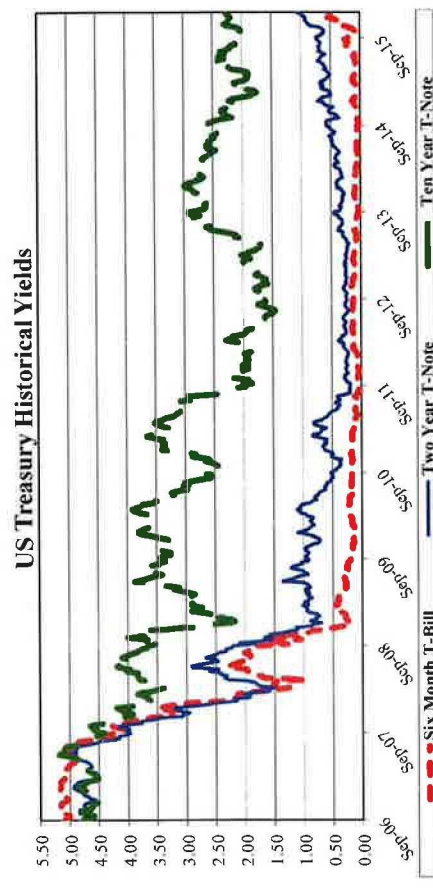
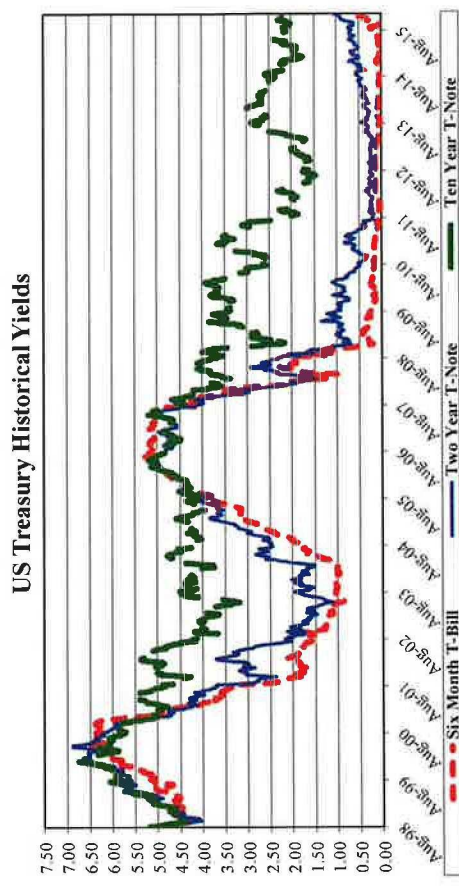
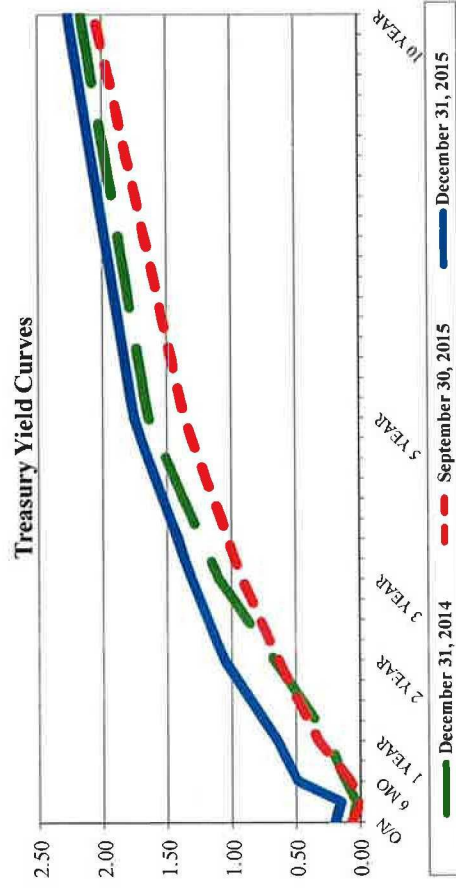
(1) Average Yield calculated using quarter end report yields and adjusted book values and does not reflect a total return analysis or account for advisory fees.

(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

12/31/2015

The Federal Open Market Committee (FOMC) raised the Fed Funds target range to 0.25% - 0.50% (actual Fed Funds traded +/-30 bps). The market reacted with higher short to medium term yields. Ten year and longer yields did not increase beyond the current trading range. The December new payroll numbers jumped +292k, with additional positive Oct/Nov adjustments. The Chinese economy and stock market turmoil grabbed international attention. US stock markets dropped in sympathy, but tried to stabilize. Broader international social and economic concerns continue, with the European Central Bank continuing its easing program. Treasury and Agency security yields are attractive for cash-flow based ladder. Although Bank CDs and municipal bonds may still offer the best interest earnings opportunity, if available.



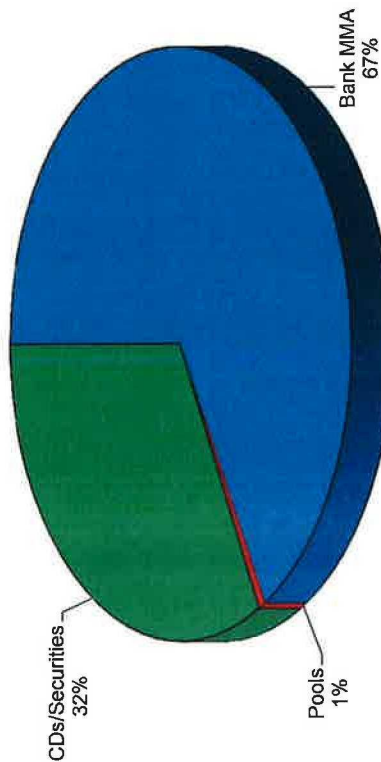
Detail of Investment Holdings
December 31, 2015

Description	Rating	Coupon/ Discount	Maturity Date	Settlement Date	Original Face/ Par Value	Book Value	Market Price	Market Value	Life (days)	Yield
Bank MMA		0.20%	01/01/16	12/31/15	\$ 22,643,274	\$ 22,643,274	1.00	\$ 22,643,274	1	0.20%
TexPool	AAA-m	0.19%	01/01/16	12/31/15	200,199	200,199	1.00	200,199	1	0.19%
Independent Bank CD		0.55%	03/31/16	12/18/14	1,005,511	1,005,511	100.00	1,005,511	91	0.55%
Independent Bank CD		0.55%	05/14/16	11/16/15	1,001,933	1,001,933	100.00	1,001,933	135	0.55%
Independent Bank CD		0.50%	05/20/16	05/20/15	1,002,522	1,002,522	100.00	1,002,522	141	0.50%
Comerica Bank CD		0.67%	06/30/16	06/30/14	1,010,120	1,010,120	100.00	1,010,120	182	0.67%
Independent Bank CD		0.60%	06/30/16	12/18/14	1,006,014	1,006,014	100.00	1,006,014	182	0.60%
Independent Bank CD		0.50%	07/12/16	12/10/15	1,000,000	1,000,000	100.00	1,000,000	194	0.50%
Independent Bank CD		0.50%	08/10/16	12/10/15	1,000,000	1,000,000	100.00	1,000,000	223	0.50%
Independent Bank CD		0.60%	10/12/16	12/10/15	1,000,000	1,000,000	100.00	1,000,000	286	0.60%
Independent Bank CD		0.35%	12/17/16	12/31/15	1,004,508	1,004,508	100.00	1,004,508	352	0.35%
Independent Bank CD		0.70%	03/15/17	12/10/15	1,000,000	1,000,000	100.00	1,000,000	440	0.70%
Independent Bank CD		0.70%	04/12/17	12/10/15	1,000,000	1,000,000	100.00	1,000,000	468	0.70%
					\$ 33,874,081	\$ 33,874,081				
								\$ 33,874,081	80	0.32%
										(1) (2)

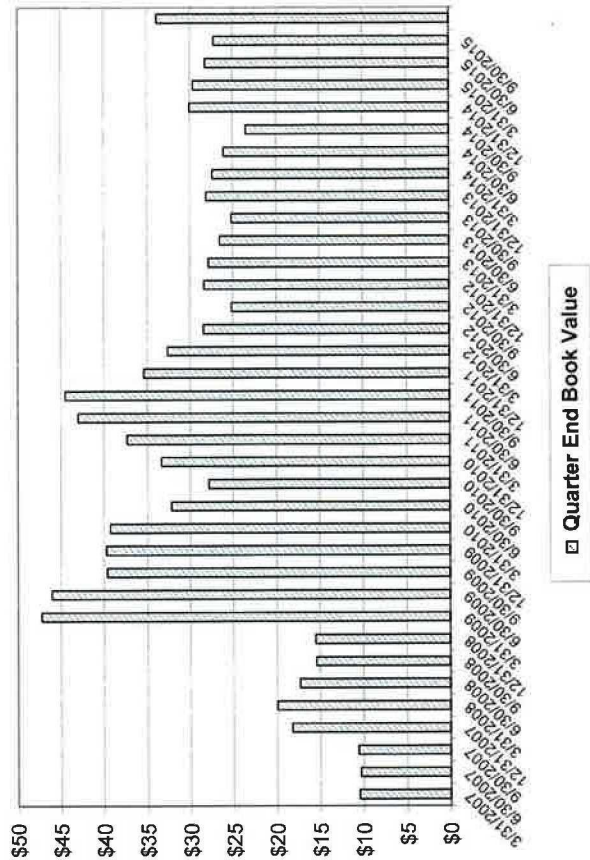
(1) **Weighted average life** - For purposes of calculating weighted average life, pool investments are assumed to have a one day maturity.

(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.

Portfolio Composition



Total Portfolio (Millions)



Quarter End Book Value

Book Value Comparison

Description	Coupon/ Discount	Maturity Date	September 30, 2015			December 31, 2015		
			Original Face/Par Value	Book Value	Purchases/ Accretions	Amortizations/ Sales/Maturities	Original Face/Par Value	Book Value
Bank MMA	0.20%	01/01/16	\$ 20,990,227	\$ 20,990,227	\$ 1,653,047	\$ -	\$ 22,643,274	\$ 22,643,274
TexPool	0.19%	01/01/16	200,133	200,133	66		200,199	200,199
Independent CD	0.30%	11/16/15	1,000,987	1,000,987		(1,000,987)	-	-
Independent CD	0.45%	12/17/15	1,003,382	1,003,382		(1,003,382)	-	-
Independent Bank CD	0.55%	03/31/16	1,004,134	1,004,134	1,377		1,005,511	1,005,511
Independent Bank CD	0.55%	05/14/16	-	-	1,001,933		1,001,933	1,001,933
Independent Bank CD	0.50%	05/20/16	1,001,260	1,001,260	1,262		1,002,522	1,002,522
Comerica Bank CD	0.67%	06/30/16	1,008,417	1,008,417	1,703		1,010,120	1,010,120
Independent Bank CD	0.60%	06/30/16	1,004,511	1,004,511	1,503		1,006,014	1,006,014
Independent Bank CD	0.50%	07/12/16	-	-	1,000,000		1,000,000	1,000,000
Independent Bank CD	0.50%	08/10/16	-	-	1,000,000		1,000,000	1,000,000
Independent Bank CD	0.60%	10/12/16	-	-	1,000,000		1,000,000	1,000,000
Independent Bank CD	0.35%	12/17/16	-	-	1,004,508		1,004,508	1,004,508
Independent Bank CD	0.70%	03/15/17	-	-	1,000,000		1,000,000	1,000,000
Independent Bank CD	0.70%	04/12/17	-	-	1,000,000		1,000,000	1,000,000
TOTAL			\$ 27,213,051	\$ 27,213,051	\$ 8,665,399	\$ (2,004,369)	\$ 33,874,081	\$ 33,874,081

Market Value Comparison

Description	Coupon/ Discount	September 30, 2015				December 31, 2015			
		Original Face/Par Value	Market Price	Market Value	Qtr to Qtr Change	Original Face/Par Value	Market Price	Market Value	Market Value
Bank MMA	0.20%	\$ 20,990,227	1.00	\$ 20,990,227	\$ 1,653,047	\$ 22,643,274	1.00	\$ 22,643,274	\$ 22,643,274
TexPool	0.19%	200,133	1.00	200,133	66	200,199	1.00	200,199	200,199
Independent CD	0.30%	1,000,987	100.00	1,000,987	(1,000,987)	—	—	—	—
Independent CD	0.45%	1,003,382	100.00	1,003,382	(1,003,382)	—	—	—	—
Independent Bank CD	0.55%	1,004,134	100.00	1,004,134	1,377	1,005,511	100.00	1,005,511	1,005,511
Independent Bank CD	0.55%	—	—	—	1,001,933	1,001,933	100.00	1,001,933	1,001,933
Independent Bank CD	0.50%	1,001,260	100.00	1,001,260	1,262	1,002,522	100.00	1,002,522	1,002,522
Comerica Bank CD	0.67%	1,008,417	100.00	1,008,417	1,703	1,010,120	100.00	1,010,120	1,010,120
Independent Bank CD	0.60%	1,004,511	100.00	1,004,511	1,503	1,006,014	100.00	1,006,014	1,006,014
Independent Bank CD	0.50%	—	—	—	1,000,000	1,000,000	100.00	1,000,000	1,000,000
Independent Bank CD	0.50%	—	—	—	1,000,000	1,000,000	100.00	1,000,000	1,000,000
Independent Bank CD	0.60%	—	—	—	1,000,000	1,000,000	100.00	1,000,000	1,000,000
Independent Bank CD	0.35%	—	—	—	1,004,508	1,004,508	100.00	1,004,508	1,004,508
Independent Bank CD	0.70%	—	—	—	1,000,000	1,000,000	100.00	1,000,000	1,000,000
Independent Bank CD	0.70%	—	—	—	1,000,000	1,000,000	100.00	1,000,000	1,000,000
TOTAL		\$ 27,213,051		\$ 27,213,051	\$ 6,661,030	\$ 33,874,081		\$ 33,874,081	\$ 33,874,081

Allocation

December 31, 2015

Book & Market Value	Total	GO I&S	General Fund	W/S Restricted	W/S Operations	Capital Project	2009 GO Bonds	Restricted Park Development
Bank MMA	22,643,274	\$ 2,451,763	\$ 6,488,967	\$ 220,874	\$ 2,699,052	\$ 255,282	\$ 1,169,414	\$ 382,578
Texpool	200,199		200,199					
03/31/16—Independent Bank CD	1,005,511						1,005,511	
05/14/16—Independent Bank CD	1,001,933		1,001,933					
05/20/16—Independent Bank CD	1,002,522		1,002,522					
06/30/16—Comerica Bank CD	1,010,120						1,010,120	
06/30/16—Independent Bank CD	1,006,014		1,006,014					
07/12/16—Independent Bank CD	1,000,000		1,000,000					
08/10/16—Independent Bank CD	1,000,000				1,000,000			
10/12/16—Independent Bank CD	1,000,000							
12/17/16—Independent Bank CD	1,004,508							
03/15/17—Independent Bank CD	1,000,000						1,000,000	
04/12/17—Independent Bank CD	1,000,000						1,000,000	
Totals	\$ 33,874,081	\$ 2,451,763	\$10,699,635	\$ 220,874	\$ 3,699,052	\$ 255,282	\$ 5,185,046	\$ 382,578

Allocation
(continued)

December 31, 2015

Book & Market Value

	Restricted General	Restricted Water Impact	Restricted Sewer Impact	Restricted Roadway	Street Maintenance	Health Insurance	EDC
Bank MMA	\$ 545,144	\$ 1,349,986	\$ 1,535,663	\$ 1,735,987	\$ 105,802	\$ 267,799	\$ 3,434,962
Texpool							
03/31/16–Independent Bank CD							
05/14/16–Independent Bank CD							
05/20/16–Independent Bank CD							
06/30/16–Comerica Bank CD							
06/30/16–Independent Bank CD							
07/12/16–Independent Bank CD							
08/10/16–Independent Bank CD							
10/12/16–Independent Bank CD							
12/17/16–Independent Bank CD							
03/15/17–Independent Bank CD							
04/12/17–Independent Bank CD							
Totals	\$ 545,144	\$ 1,349,986	\$ 1,535,663	\$ 2,735,987	\$ 105,802	\$ 267,799	\$ 4,439,470

1,004,508

Allocation

September 30, 2015

Book & Market Value

	Total	GO I&S	General Fund	W/S Restricted	W/S Operations	Capital Project	2009 GO Bonds	Restricted Park Development
Bank MMA	20,990,227	\$ 336,182	\$ 3,633,547	\$ 220,874	\$ 2,767,045	\$ 464,460	\$ 3,516,131	\$ 382,610
Texpool	200,133		200,133					
11/15/15-Independent Bank CD	1,000,987		1,000,987					
12/31/15-Independent Bank CD	1,003,382							
03/31/16-Independent Bank CD	1,004,134						1,004,134	
05/20/16-Independent Bank CD	1,001,260		1,001,260					
06/30/16-Comerica Bank CD	1,008,417						1,008,417	
06/30/16-Independent Bank CD	1,004,511		1,004,511					
Totals	\$ 27,213,051	\$ 336,182	\$ 6,840,438	\$ 220,874	\$ 2,767,045	\$ 464,460	\$ 5,528,682	\$ 382,610

Allocation
(continued)

September 30, 2015

Book & Market Value

	Restricted General	Restricted Water Impact	Restricted Sewer Impact	Restricted Roadway	Street Maintenance	Health Insurance	EDC
Bank MMA	\$ 552,016	\$ 1,482,708	\$ 1,769,728	\$ 2,223,271	\$ 28,200	\$ 201,828	\$ 3,411,627
Texpool							
11/15/15-Independent Bank CD							
12/31/15-Independent Bank CD							1,003,382
03/31/16-Independent Bank CD							
05/20/16-Independent Bank CD							
06/30/16-Comerica Bank CD							
06/30/16-Independent Bank CD							
Totals	\$ 552,016	\$ 1,482,708	\$ 1,769,728	\$ 2,223,271	\$ 28,200	\$ 201,828	\$ 4,415,009

Portfolio Summary
City of Sachse, TX
December 31, 2015

Safety - Investment Type

	Book Value	Percent
Investment Type		
Money Market Account*	\$ 22,643,274	66.8%
Investment Pools	200,199	0.6%
CD's	11,030,607	32.6%

Total* \$ 33,874,081 100%

*(Includes Sachse EDC Money Market)

Liquidity - Investments by Maturity Date

Under 30 days	\$ 22,643,473	67%
30 - 90 days	0	0%
91 - 180 days	3,009,966	9%
180 - 365 days	6,020,641	18%
366 - 760 days	2,000,000	6%

Total Principal Invested \$ 33,874,081 100%

	Fiscal YTD Interest	Int Earned this QTR	(FYTD) Percent of total
Portfolio Yield			
Portfolio			
Debt Service	\$ 95	\$ 95	0.67%
General Fund	\$ 3,777	3,777	26.70%
Water and Sewer Fund	\$ 14	14	0.10%
Capital Project Fund	\$ 5,172	5,172	36.56%
Special Revenue Fund	\$ 0	0	0.00%
Impact Fee Fund	\$ 2,150	2,150	15.20%
Street Maintenance Fund	\$ -	0	0.00%
Health Insurance Fund	\$ -	0	0.00%
Sachse EDC	\$ 2,936	2,936	20.76%
Total Portfolios	\$ 14,146	\$ 14,146	100.00%

Portfolio Balance	Beginning Balances	Ending Book Balances	Change
Portfolio			
Debt Service	\$ 336,182	\$ 2,451,763	\$ 2,115,581.09
General Fund	6,840,438	10,699,635	3,859,196.71
Water and Sewer Fund	2,987,919	3,919,926	932,007.48
Capital Project Fund	5,993,142	5,440,328	(552,813.64)
Special Revenue Fund	934,626	927,722	(6,904.02)
Impact Fee Fund	5,475,707	5,621,636	145,928.68
Street Maintenance Fund	28,200	105,802	77,602.01
Health Insurance Fund	201,828	267,799	65,971.34
Sachse EDC	4,415,009	4,439,470	24,461.32
Total Portfolios	\$ 27,213,051	\$ 33,874,081	\$ 6,661,031

Historical Interest Rates

	October	November	December
Pooled Money Market Account	2015 0.2000%	0.2000%	0.2000%
	2014 0.2500%	0.2500%	0.2500%
	2013 0.2500%	0.2500%	0.2500%
Tex Pool	2015 0.0966%	0.1105%	0.1863%
	2014 0.0268%	0.0286%	0.0418%
	2013 0.0498%	0.0446%	0.0372%

City of Sachse, TX
Investment Portfolios
October 31, 2015

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Book Value			Market Value			
							Principal Invested	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	10/31/2015	11/01/2015	0.2000%	1	336,182	336,182	53,666	389,848	336,182	53,666	389,848
Total							336,182	336,182	53,666	389,848	336,182	53,666	389,848
General Fund													
General Fund	TexPool	1111-000	10/31/2015	11/01/2015	0.0966%	1	200,133	200,133	16	200,149	200,133	16	200,149
General Fund	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	3,633,547	3,633,547	(747,486)	2,886,061	3,633,547	(747,486)	2,886,061
General Fund	CD	nd 220005584	12/18/2014	06/30/2016	0.6000%	243	1,000,000	1,004,511	0	1,004,511	1,004,511	0	1,004,511
General Fund	CD	220006096	05/20/2015	11/16/2015	0.3000%	16	1,000,000	1,000,987	246	1,001,233	1,000,987	246	1,001,233
General Fund	CD	220006097	05/20/2015	05/20/2016	0.5000%	202	1,000,000	1,001,260	0	1,001,260	1,001,260	0	1,001,260
Total							6,833,680	6,840,438	(747,223)	6,093,214	6,840,438	(747,223)	6,093,214
Water and Sewer Fund													
W/S Restricted Fund	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	220,874	220,874	0	220,874	220,874	0	220,874
W/S Operations	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	2,767,045	2,767,045	411,752	3,178,797	2,767,045	411,752	3,178,797
Total							2,987,919	2,987,919	411,752	3,399,671	2,987,919	411,752	3,399,671
Capital Project Funds													
Capital Project Funds	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	464,460	464,460	(154,779)	309,681	464,460	(154,779)	309,681
2009 GO Bonds	CD	nk 220005583	12/18/2014	03/31/2016	0.5500%	152	1,000,000	1,004,134	0	1,004,134	1,004,134	0	1,004,134
2009 GO Bonds	CD	951-11429176	06/30/2014	06/30/2016	0.6700%	243	1,000,000	1,008,417	0	1,008,417	1,008,417	0	1,008,417
2009 GO Bonds	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	3,516,131	3,516,131	(270,765)	3,245,366	3,516,131	(270,765)	3,245,366
Total							5,980,591	5,993,142	(425,544)	5,567,598	5,993,142	(425,544)	5,567,598
Special Revenue Funds													
Restricted Park Development Fee Fun	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	382,610	382,610	5	382,615	382,610	5	382,615
Restricted General Fund	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	552,016	552,016	(13,897)	538,119	552,016	(13,897)	538,119
Total							934,626	934,626	(13,892)	920,734	934,626	(13,892)	920,734
Impact Fee Fund													
Restricted Water Impact Fee	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	1,482,708	1,482,708	66,370	1,549,078	1,482,708	66,370	1,549,078
Restricted Sewer Impact Fee	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	1,769,728	1,769,728	48,987	1,818,715	1,769,728	48,987	1,818,715
Restricted Roadway Impact Fee	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	2,223,271	2,223,271	(176,996)	2,046,275	2,223,271	(176,996)	2,046,275
Total							5,475,707	5,475,707	(61,640)	5,414,068	5,475,707	(61,640)	5,414,068
Street Maintenance Fund													
Street Maintenance Tax	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	28,200	28,200	22,365	50,565	28,200	22,365	50,565
Total							28,200	28,200	22,365	50,565	28,200	22,365	50,565
Health Insurance Fund													
Health Insurance	Money Market	114512	10/31/2015	11/01/2015	0.2000%	1	201,828	201,828	18,841	220,669	201,828	18,841	220,669
Total							201,828	201,828	18,841	220,669	201,828	18,841	220,669
EDC Fund													
EDC	CD	nk 220005585	12/18/2014	12/31/2015	0.4500%	61	1,000,000	1,003,382	0	1,003,382	1,003,382	0	1,003,382
EDC PMMKT	Money Market	114512	10/31/2015	11/01/2015	0.1400%	1	3,411,627	3,411,627	(39,683)	3,371,944	3,411,627	(39,683)	3,371,944
Total							4,411,627	4,415,009	(39,683)	4,375,326	4,415,009	(39,683)	4,375,326
Total							27,190,360	27,213,051	(781,357)	26,431,694	27,213,051	(781,357)	26,431,694

City of Sachse, TX
Investment Portfolios
October 31, 2015

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	End of Month
								Change ¹		Change	
Summary of Portfolios by Security Type											
10/31/15											
Security Type	Percent of Total (Book Value)	Average # of days	Average Yield	Principal Invested	Book Value		Principal Invested	Market Value		Market Value	
					Beginning of Month	End of Month		Beginning of Month	End of Month	Change	End of Month
Money Market Account	76.46%	1	0.1957%	20,990,227	20,990,227	20,208,607	20,990,227	20,990,227	20,208,607	-781,620	20,208,607
TexPool	0.76%	1	0.2000%	200,133	200,133	200,149	200,133	200,133	200,149	16	200,149
CD's	22.79%	153	0.5117%	6,000,000	6,022,691	6,022,937	6,022,691	6,022,691	6,022,937	246	6,022,937
Total	100.00%			27,190,360	27,213,051	26,431,694	27,213,051	27,213,051	26,431,694	-781,357	26,431,694

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

City of Sachse, TX
Investment Portfolios
November 30, 2015

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
GO Bond I&S Fund	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	389,848	389,848	102,089	491,937	389,848	102,089	491,937
Total							389,848	389,848	102,089	491,937	389,848	102,089	491,937
General Fund													
General Fund	TexPool	1111-000	11/30/2015	12/01/2015	0.1105%	1	200,149	200,149	19	200,168	200,149	19	200,168
General Fund	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	2,886,061	2,886,061	(307,525)	2,578,536	2,886,061	(307,525)	2,578,536
General Fund	CD	220005584	12/18/2014	06/30/2016	0.6000%	213	1,000,000	1,004,511	0	1,004,511	1,004,511	0	1,004,511
General Fund	CD	220008096	11/16/2015	05/14/2016	0.5500%	166	1,000,000	1,001,233	247	1,001,480	1,001,233	247	1,001,480
General Fund	CD	220008097	05/20/2015	05/20/2016	0.5000%	172	1,000,000	1,001,260	1,262	1,002,522	1,001,260	1,262	1,002,522
Total							6,086,210	6,093,215	(305,997)	5,787,217	6,093,215	(305,997)	5,787,217
Water and Sewer Fund													
W/S Restricted Fund	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	220,874	220,874	0	220,874	220,874	0	220,874
W/S Operations	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	3,178,797	3,178,797	656,802	3,835,599	3,178,797	656,802	3,835,599
Total							3,399,671	3,399,671	656,802	4,056,473	3,399,671	656,802	4,056,473
Capital Project Funds													
Capital Project Funds	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	309,681	309,681	(53,873)	255,808	309,681	(53,873)	255,808
2009 GO Bonds	CD	nk 220005583	12/18/2014	03/31/2016	0.5500%	122	1,000,000	1,004,134	0	1,004,134	1,004,134	0	1,004,134
2009 GO Bonds	CD	951-11429176	06/30/2014	06/30/2016	0.6700%	213	1,000,000	1,008,417	0	1,008,417	1,008,417	0	1,008,417
2009 GO Bonds	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	3,245,366	3,245,366	(73,435)	3,171,931	3,245,366	(73,435)	3,171,931
Total							5,555,048	5,567,598	(127,308)	5,440,290	5,567,598	(127,308)	5,440,290
Special Revenue Funds													
Restricted Park Development Fee Fun	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	382,615	382,615	(42)	382,573	382,615	(42)	382,573
Restricted General Fund	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	538,119	538,119	7,694	545,813	538,119	7,694	545,813
Total							920,734	920,734	7,652	928,386	920,734	7,652	928,386
Impact Fee Fund													
Restricted Water Impact Fee	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	1,549,078	1,549,078	48,606	1,597,684	1,549,078	48,606	1,597,684
Restricted Sewer Impact Fee	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	1,818,715	1,818,715	35,742	1,854,457	1,818,715	35,742	1,854,457
Restricted Roadway Impact Fee	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	2,046,275	2,046,275	47,396	2,093,671	2,046,275	47,396	2,093,671
							5,414,067	5,414,067	131,744	5,545,812	5,414,067	131,744	5,545,812
Street Maintenance Fund													
Street Maintenance Tax	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	50,565	50,565	31,974	82,539	50,565	31,974	82,539
Total							50,565	50,565	31,974	82,539	50,565	31,974	82,539
Health Insurance Fund													
Health Insurance	Money Market	114512	11/30/2015	12/01/2015	0.2000%	1	220,669	220,669	22,527	243,196	220,669	22,527	243,196
Total							220,669	220,669	22,527	243,196	220,669	22,527	243,196
EDC Fund													
EDC	CD	nk 220005585	12/18/2014	12/31/2015	0.4500%	31	1,000,000	1,003,382	0	1,003,382	1,003,382	0	1,003,382
EDC PMMKT	Money Market	114512	11/30/2015	12/01/2015	0.1400%	1	3,371,944	3,371,944	34,651	3,406,595	3,371,944	34,651	3,406,595
							4,371,944	4,375,326	34,651	4,409,977	4,375,326	34,651	4,409,977

City of Sachse, TX
Investment Portfolios
November 30, 2015

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	Beginning of Month	Change
							26,408,757	26,431,694	554,133	26,985,827	554,133
										26,431,694	26,985,827

Summary of Portfolios by Security Type
11/30/15

Security Type	Percent of Total (Book Value)	Average # of days	Average Yield	Book Value		Market Value	
				Beginning of Month	Change	Beginning of Month	Change
Money Market Account	76.93%	1	0.1957%	20,208,607	552,605	20,208,607	552,605
TexPool	0.74%	1	0.2000%	200,149	19	200,168	19
CD's	22.32%	153	0.5533%	6,022,937	1,510	6,024,446	1,510
Total	100.00%			26,431,694	554,133	26,985,827	554,133

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

City of Sachse, TX
Investment Portfolios
December 31, 2015

Source	Description	Cusip/ Ref	Purchase Date	Maturity Date	Coupon (Int. Rate)	Days to Maturity	Book Value			Market Value			
							Principal Invested	Beginning of Month	Change 1	End of Month	Beginning of Month	Change	End of Month
GO Bond I&S Fund	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	491,937	491,937	1,959,826	2,451,763	491,937	1,959,826	2,451,763
Total							491,937	491,937	1,959,826	2,451,763	491,937	1,959,826	2,451,763
General Fund													
General Fund	TexPool	1111-000	12/31/2015	01/01/2016	0.1863%	1	200,168	200,168	31	200,199	200,168	31	200,199
General Fund	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	2,578,536	2,578,536	3,910,431	6,488,967	2,578,536	3,910,431	6,488,967
General Fund	CD	nd 220005584	12/18/2014	06/30/2016	0.6000%	182	1,004,511	1,004,511	1,503	1,006,014	1,004,511	1,503	1,006,014
General Fund	CD	220006096	05/20/2015	05/14/2016	0.5500%	135	1,000,000	1,001,480	453	1,001,933	1,001,480	453	1,001,933
General Fund	CD	220006621	12/10/2015	07/12/2016	0.5000%	194	1,000,000	0	1,000,000	1,000,000	0	1,000,000	1,000,000
General Fund	CD	220006097	05/20/2015	05/20/2016	0.5000%	141	1,000,000	1,002,522	0	1,002,522	1,002,522	0	1,002,522
Total							6,783,214	5,787,217	4,912,418	10,699,635	5,787,217	4,912,418	10,699,635
Water and Sewer Fund													
W/S Restricted Fund	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	220,874	220,874	0	220,874	220,874	0	220,874
W/S Operations	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	3,835,599	3,835,599	(1,136,546)	2,699,052	3,835,599	(1,136,546)	2,699,052
W/S	CD	220006629	12/10/2015	10/12/2016	0.6000%	286	1,000,000	0	1,000,000	1,000,000	0	1,000,000	1,000,000
Total							5,056,473	4,056,473	(136,546)	3,919,926	4,056,473	(136,546)	3,919,926
Capital Project Funds													
Capital Project Funds	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	255,808	255,808	(526)	255,283	255,808	(526)	255,283
2009 GO Bonds	CD	nk 220006623	12/10/2015	03/15/2017	0.7000%	440	1,000,000	0	1,000,000	1,000,000	0	1,000,000	1,000,000
2009 GO Bonds	CD	nk 220006624	12/10/2015	04/12/2017	0.7000%	468	1,000,000	0	1,000,000	1,000,000	0	1,000,000	1,000,000
2009 GO Bonds	CD	nk 220005583	12/18/2014	03/31/2016	0.5500%	91	1,000,000	1,004,134	1,377	1,005,511	1,004,134	1,377	1,005,511
2009 GO Bonds	CD	951-11429176	06/30/2014	06/30/2016	0.6700%	182	1,000,000	1,008,417	1,703	1,010,120	1,008,417	1,703	1,010,120
2009 GO Bonds	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	3,171,931	3,171,931	(2,002,517)	1,169,414	3,171,931	(2,002,517)	1,169,414
Total							7,427,739	5,440,290	38	5,440,328	5,440,290	38	5,440,328
Special Revenue Funds													
Restricted Park Development Fee Fun	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	382,573	382,573	5	382,578	382,573	5	382,578
Restricted General Fund	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	545,813	545,813	(669)	545,144	545,813	(669)	545,144
Total							928,386	928,386	(664)	927,722	928,386	(664)	927,722
Impact Fee Fund													
Restricted Water Impact Fee	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	1,597,684	1,597,684	(247,698)	1,349,986	1,597,684	(247,698)	1,349,986
Restricted Sewer Impact Fee	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	1,854,457	1,854,457	(318,794)	1,535,663	1,854,457	(318,794)	1,535,663
Restricted Roadway Impact Fee	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	2,093,671	2,093,671	(357,684)	1,735,987	2,093,671	(357,684)	1,735,987
Impact Fee Fund	CD	220008628	12/10/2015	08/10/2016	0.5000%	223	1,000,000	0	1,000,000	1,000,000	0	1,000,000	1,000,000
Total							6,545,811	5,545,812	75,824	5,621,636	5,545,812	75,824	5,621,636
Street Maintenance Fund													
Street Maintenance Tax	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	82,539	82,539	23,263	105,802	82,539	23,263	105,802
Total							82,539	82,539	23,263	105,802	82,539	23,263	105,802
Health Insurance Fund													
Health Insurance	Money Market	114512	12/31/2015	01/01/2016	0.2000%	1	243,196	243,196	24,603	267,799	243,196	24,603	267,799
Total							243,196	243,196	24,603	267,799	243,196	24,603	267,799

City of Sachse, TX
Investment Portfolios
December 31, 2015

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	Change of Month
EDC EDC PMMKT	CD Money Market	nk 220005585 114512	12/18/2014	12/17/2016	0.3500%	352	1,004,508	1,003,382	1,126	1,004,508	1,126
			12/31/2015	01/01/2016	0.1400%	1	3,406,595	3,406,595	28,367	3,434,962	28,367
							4,411,103	4,409,977	29,493	4,439,470	29,493
							31,970,398	26,985,827	6,888,255	33,874,081	6,888,255

Summary of Portfolios by Security Type
12/31/15

Security Type	Percent of Total (Book Value)	Average # of days	Average Yield	Book Value		Market Value	
				Beginning of Month	Change	End of Month	Change of Month
Money Market Account TexPool CD's Total	66.85% 0.59% 32.56% 100.00%	1 1 181	0.1957% 0.2000% 0.5655%	20,761,212	1,882,062	22,643,274	1,882,062
				200,168	31	200,199	31
				6,009,019	5,006,161	11,030,607	5,006,161
				26,970,398	6,888,255	33,874,081	6,888,255

¹Change = Investment activity including earnings deposits and withdrawals.



City of Sachse, Texas

Legislation Details (With Text)

File #: 16-3227 **Version:** 1 **Name:** Sachse Police Department Year in Review
Employee Recognition 4th Quarter 2013
Type: Agenda Item **Status:** Agenda Ready
File created: 2/9/2016 **In control:** City Council
On agenda: 2/15/2016 **Final action:**
Title: Receive Sachse Police Department's 2015 Year in Review.
Sponsors:
Indexes:
Code sections:
Attachments: [2015 SPD Annual Review](#)

Date	Ver.	Action By	Action	Result
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Title

Sachse Police Department's 2015 Year in Review.

Background

Chief Sylvester will present an overview of crime for 2015, notable accomplishments of the department and programming planned for 2016.

Policy Considerations

None

Budgetary Considerations

None

Staff Recommendations

Presentation only.

Sachse Police Department

Year End Review for 2015



Sachse Police Department

Crime and Arrest Review

OFFENSE	2014	2015	% Change
TOTAL CRIME	1423	1559	10%
PART I	273	345	26%
PART II	1150	1214	6%
Residential Burglary	32	26	-19%
Building Burglary	10	21	110%
Vehicle Burglary	31	45	45%
Aggravated Assault	5	5	0%
Simple Assault	88	96	9%
Theft	167	232	39%
Auto Theft	10	8	-20%
Robbery	8	2	-75%



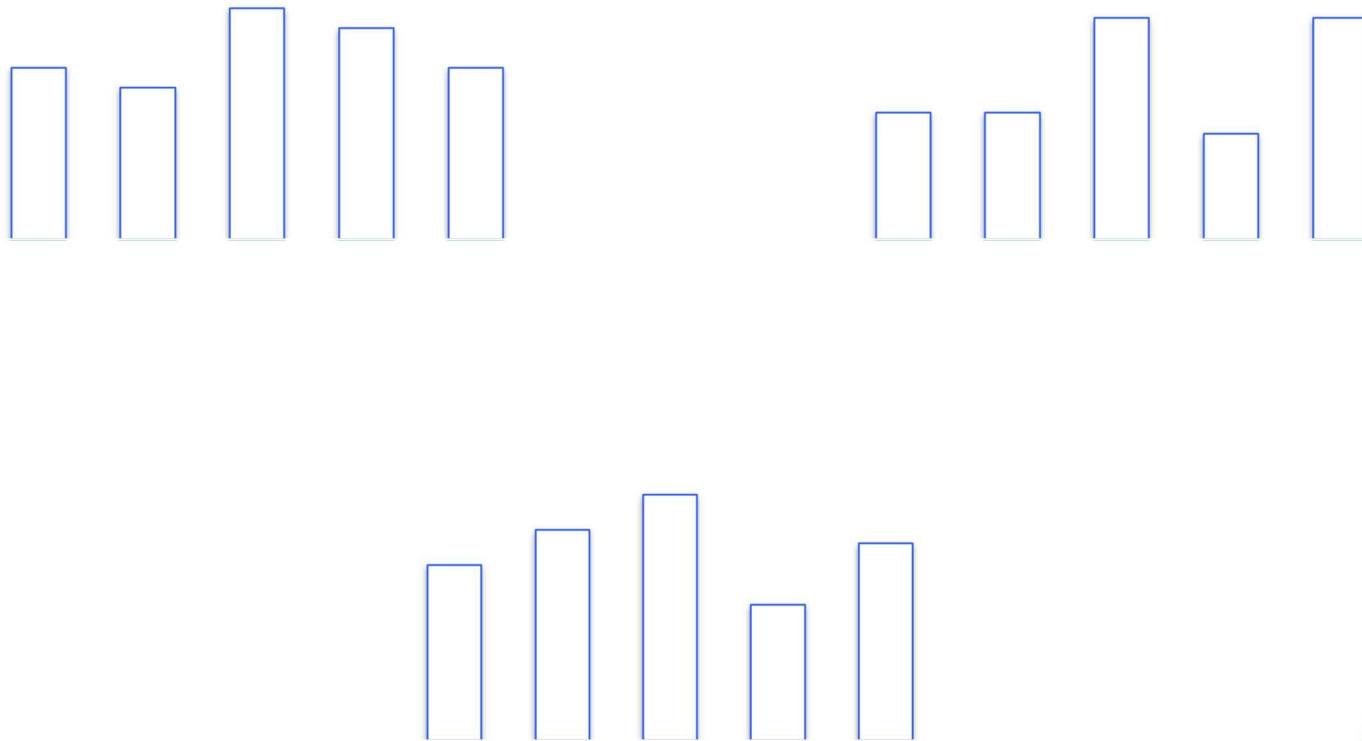
Sachse Police Department

Selected Part II Crimes

Part II Offense	2014	2015	% Change
Weapon Law Violations	8	5	-38%
DWI	49	64	31%
Public Intoxication	40	38	-5%
Disorderly Conduct	15	14	-7%
Drug Possession	67	113	69%
Drug Paraphernalia	24	60	150%



Sachse Police Department

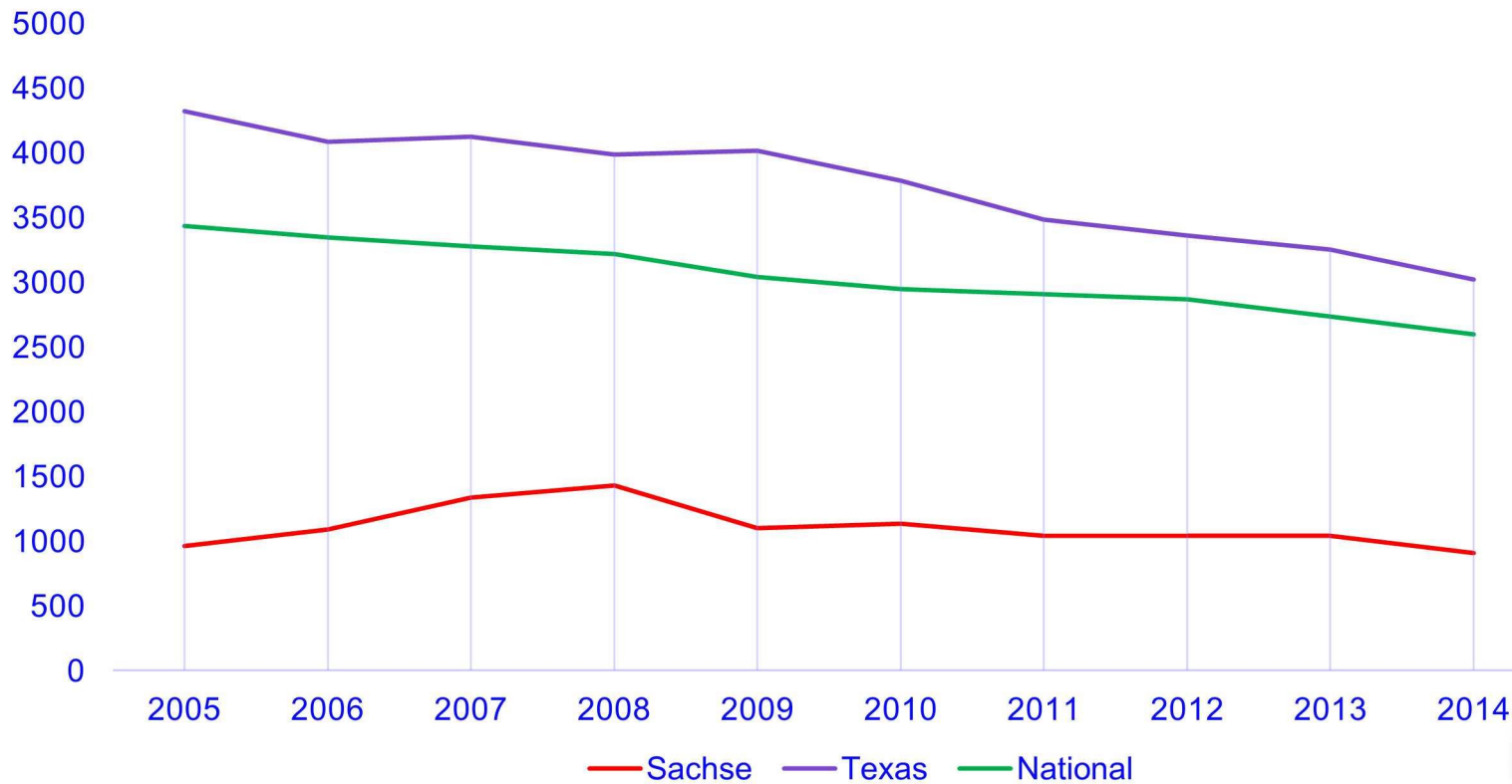


Sachse Police Department



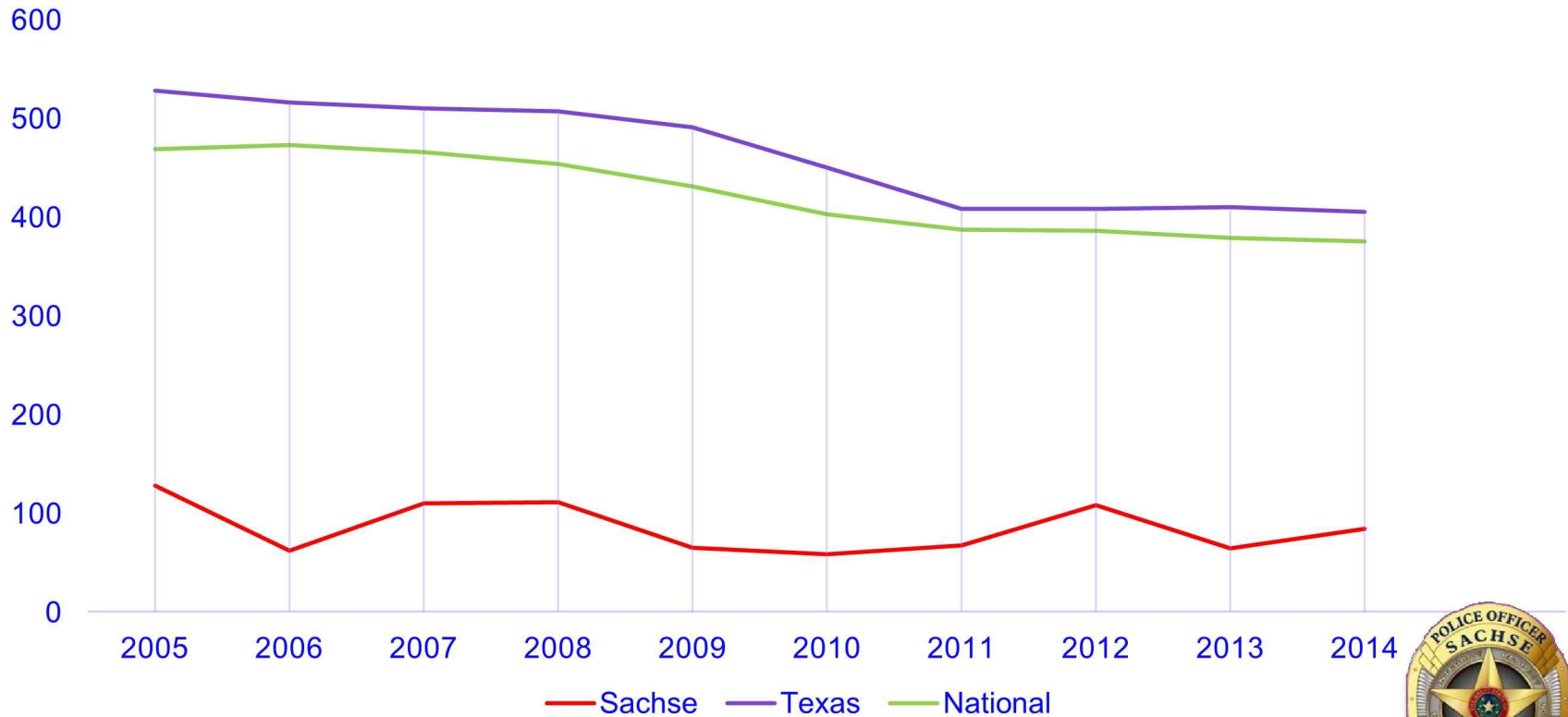
Sachse Police Department

Property Crime Rates
Per 100,000

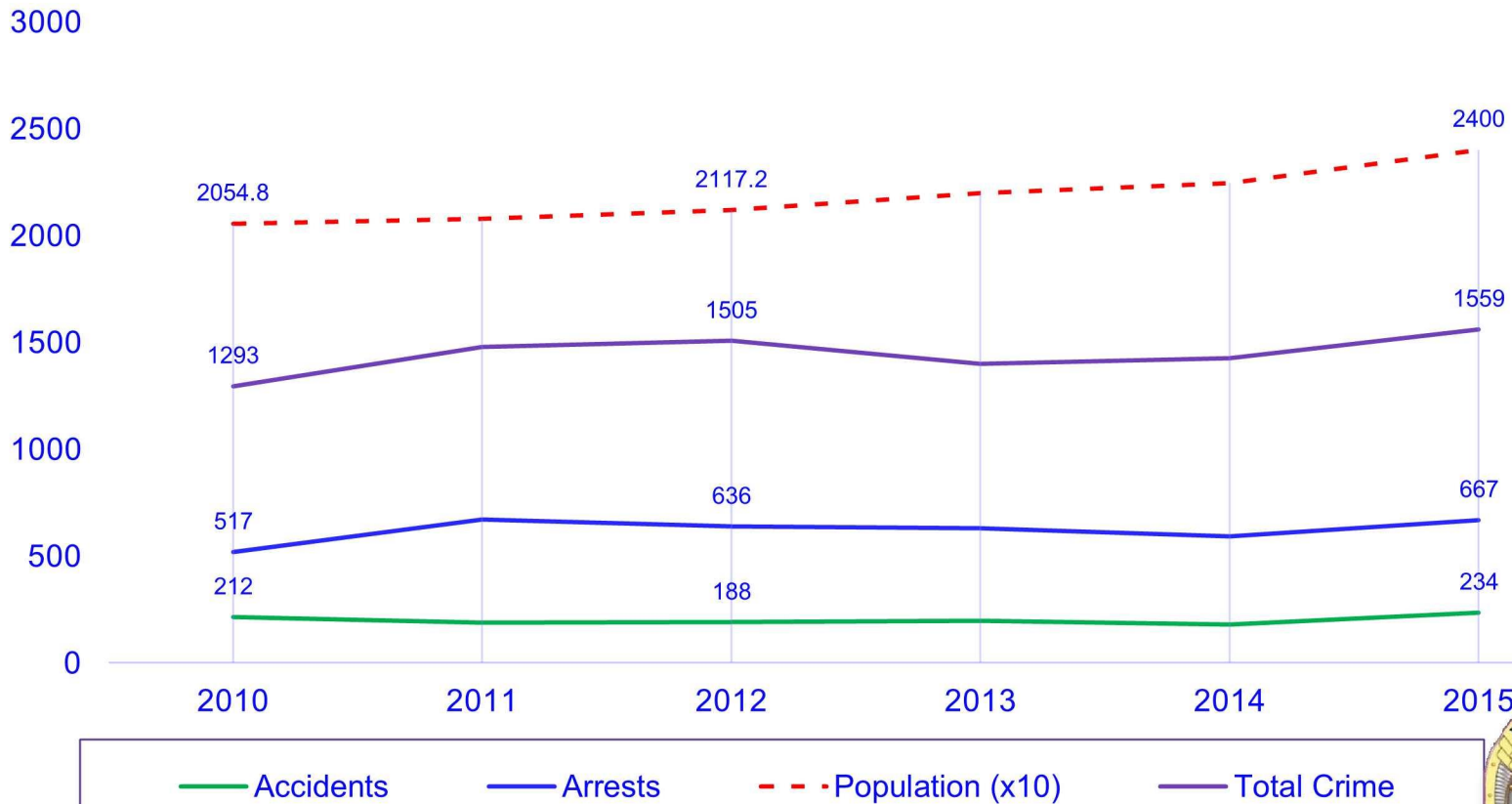


Sachse Police Department

Violent Crime Rates
Per 100,000



Sachse Police Department



Sachse Police Department Accomplishments

- E-Watch
 - 4,402 members 21% increase
- Neighborhood Video Partnership
 - 101 members 20% increase
- Lock Box Program
 - 18 residents



Sachse Police Department

Accomplishments

- Re-certification as “Recognized Agency” thru Texas Police Chief’s Association Best Practices Program
- Facebook Page Modification
- Crime Analysis Process
- Policy Management Software
- Development of P.O. Recruit
- Nixle 360 Enhancement

Sachse Police Department

Drug Drop Box



Sachse Police Department

Safe Trade Zone



Animal Shelter

DESCRIPTION	YTD 2015	YTD 2014	% + / =
ANIMAL COMPLAINTS	2393	2405	-01
ANIMALS IMPOUNDED	652	628	+04
CLAIMED BY OWNER	266	308	-14
ADOPTIONS	279	260	+07
DOG EUTHANIZED	31	58	-47
CATS EUTHANIZED	48	33	+46
ANIMAL BITES	33	25	+32
PET LICENSES ISSUED	347	358	-03
CITATIONS ISSUED	8	32	-75
WARNING CITATIONS	0	0	



Sachse Police Department 2016

- Volunteer Program Development
- Re-Institute AOR Community Mtgs
- Summer Children's Program
- New Crime Prevention Programming
- Civilian Proposal



Sachse Police Department

Questions





City of Sachse, Texas

Legislation Details (With Text)

File #:	16-3228	Version:	1	Name:	SUP 15-03 MJ Motors - CC
Type:	Agenda Item	Status:		Status:	Agenda Ready
File created:	2/10/2016	In control:		In control:	City Council
On agenda:	2/15/2016	Final action:		Final action:	
Title:	Conduct a public hearing to consider and act on a request for a Special Use Permit for Automotive Sales and Major Automotive Repair on approximately 0.459 acres of land, generally located at 6404 Industrial Drive, currently zoned Industrial (I-1).				

Sponsors:

Indexes:

Code sections:

Attachments: [Staff Presentation](#)
[Proposed SUP Ordinance](#)

Date	Ver.	Action By	Action	Result
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Title

Conduct a public hearing to consider and act on a request for a Special Use Permit for Automotive Sales and Major Automotive Repair on approximately 0.459 acres of land, generally located at 6404 Industrial Drive, currently zoned Industrial (I-1).

SUP Overview

Chapter 11 of the Sachse Code of Ordinances requires Auto Sales and Major Auto Repair uses obtain a Special Use Permit (SUP) to legally operate in the I-1 district.

An SUP is required of uses that the zoning ordinance may allow, but uses that are screened and specially approved for situational suitability. The purpose of the SUP requirement is to allow the City to determine the appropriateness of a proposal. Thus, Council has broad discretionary approval of the requested SUP.

Project Information

- SUP for Auto Sales and Major Auto Repair
- Applicant: MJ Motors
- Owner: William Campbell (*under contract*)
- Size: Approximately 0.459 acres
- Current Zoning: Industrial 1 (I-1)
- 173 property owners noticed @ 1,000' (zero responses)
- Both uses (Auto Sales, Major Auto Repair) individually require an SUP to legally operate in the I-1 district.

Policy Considerations

- Approximately ten (10) SUPs have been issued in the industrial park for auto related uses.
- The Future Land Use Plan (FLUP) designates this area as Industrial, which supports more intense land uses.

Proposed Special Ordinance Provisions

- The outside repair of vehicles and storage of vehicles under repair shall be prohibited.
- A site plan shall be submitted to the Community Development department depicting a parking layout for approval.
- No parking or storage of vehicles shall be permitted outside of designated parking spaces as shown on the approved site plan.
- No advertising, signage (including vehicle signs), nor business activity oriented towards SH 78 is allowed.

Staff Recommendation

- Staff recommends approval of the proposed SUP with the special ordinance provisions discussed herein.
- The Planning & Zoning Commission recommended approval (6-1) of the requested SUP at its January 25th regular meeting.



MJ MOTORS SUP

CITY COUNCIL

FEBRUARY 15, 2016

SUP OVERVIEW

Chapter 11 of the Sachse Code of Ordinances requires Auto Sales and Major Auto Repair uses obtain a Special Use Permit (SUP) to legally operate in the I-1 district.

An SUP is required of uses that the zoning ordinance may allow, but uses that are screened and specially approved for situational suitability. The purpose of the SUP requirement is to allow the City to determine the appropriateness of a proposal. Thus, Council has broad discretionary approval of the requested SUP.

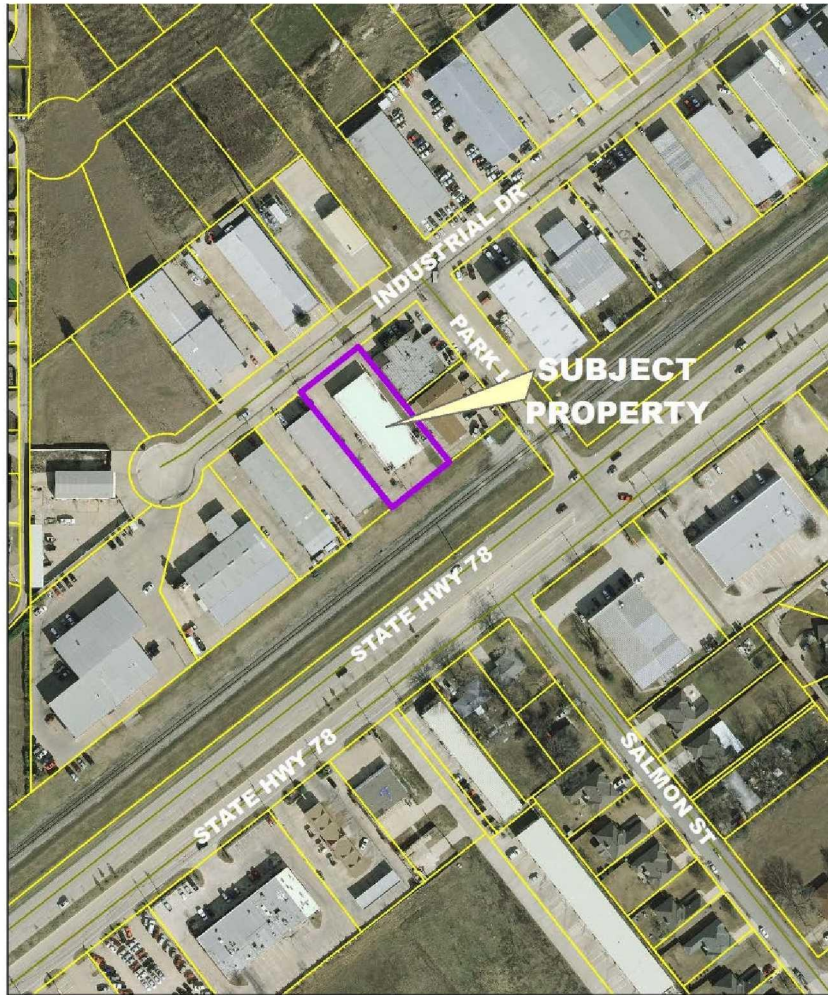
APPLICANT REQUEST

Conduct a public hearing to consider and act on a request for a Special Use Permit for Automotive Sales and Major Automotive Repair on approximately 0.459 acres of land, generally located at 6404 Industrial Drive, currently zoned Industrial (I-1).

PROJECT INFORMATION

- SUP for Auto Sales and Major Auto Repair
- Applicant: MJ Motors
- Owner: William Campbell (*under contract*)
- Size: Approximately 0.459 acres
- Current Zoning: Industrial 1 (I-1)
- 173 property owners noticed @ 1,000' (zero responses)
- Both uses (Auto Sales, Major Auto Repair) individually require an SUP to legally operate in the I-1 district.

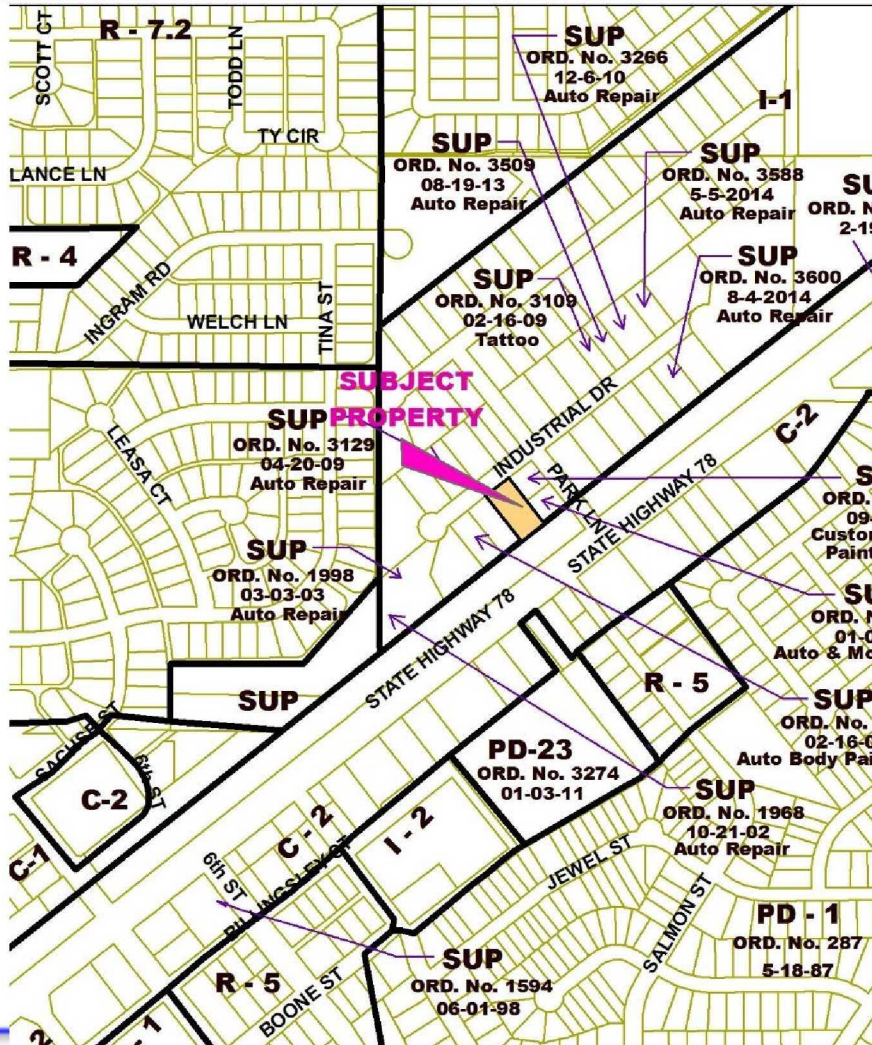
AERIAL MAP



The subject property is located at 6404 Industrial Drive within City limits.



ZONING MAP



Approximately ten (10) SUPs have been issued in the industrial park for auto related uses.

The Future Land Use Plan (FLUP) designates this area as Industrial, which supports more intense land uses.

PROPOSED SPECIAL ORDINANCE PROVISIONS

- The outside repair of vehicles and storage of vehicles under repair shall be prohibited.
- A site plan shall be submitted to the Community Development department depicting a parking layout for approval.
- No parking or storage of vehicles shall be permitted outside of designated parking spaces as shown on the approved site plan.
- No advertising, signage (including vehicle signs), nor business activity oriented towards SH 78 is allowed.

STAFF RECOMMENDATION

✓ - Staff recommends approval of the proposed SUP with the special ordinance provisions discussed herein.

✓ - The Planning & Zoning Commission recommended approval (6-1) of the requested SUP at its January 25th regular meeting.

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF SACHSE, TEXAS, AMENDING THE COMPREHENSIVE ZONING ORDINANCE AND MAP TO GRANT A CHANGE IN ZONING BY GRANTING A SPECIAL USE PERMIT WITH SPECIAL CONDITONS FOR AUTOMOTIVE SALES AND MAJOR AUTOMOTIVE REPAIR ON AN APPROXIMATELY 0.459 ACRE TRACT OF LAND, MORE PARTICULARLY DESCRIBED IN EXHIBIT “A”, LOCATED AT 6404 INDUSTRIAL DRIVE, CURRENTLY ZONED INDUSTRIAL 1 (I-1); PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING 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 the laws of the State of Texas and the ordinances of the City of Sachse, have given requisite notice by publication and otherwise, and after holding due hearings and affording a full and fair hearing to all property owners generally and to all persons interested and situated in the affected area and in the vicinity thereof, the governing body, in the exercise of the legislative discretion, has concluded that the Comprehensive Zoning Ordinance and Zoning Map should be amended;

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

SECTION 1. That the Comprehensive Zoning Ordinance and Zoning Map of the City of Sachse, as heretofore amended, be amended to grant a special use permit with special conditions for Auto Sales and Major Auto Repair on an approximately 0.459 acre tract of land currently zoned Industrial 1 (I-1) located at 6404 Industrial Drive, Sachse, Texas, and being further described in Exhibit “A” attached hereto and incorporated herein.

SECTION 2. The special permit for major auto repair and used car sales is hereby conditionally granted subject to the following special conditions:

1. The outside repair of vehicles and storage of vehicles under repair shall be prohibited.
2. A site plan shall be submitted to the Community Development department depicting a parking layout for approval.
3. No parking or storage of vehicles shall be permitted outside of designated parking spaces as shown on the approved site plan.
4. No advertising, signage (including vehicle signs), nor business activity oriented towards SH 78 is allowed.

SECTION 3. That all provisions of the ordinances of the City of Sachse in conflict with the provisions of this Ordinance be and the same are hereby repealed.

SECTION 4. That 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. That 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. That 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 15th day of February, 2016.

APPROVED:

Mike Felix
Mayor

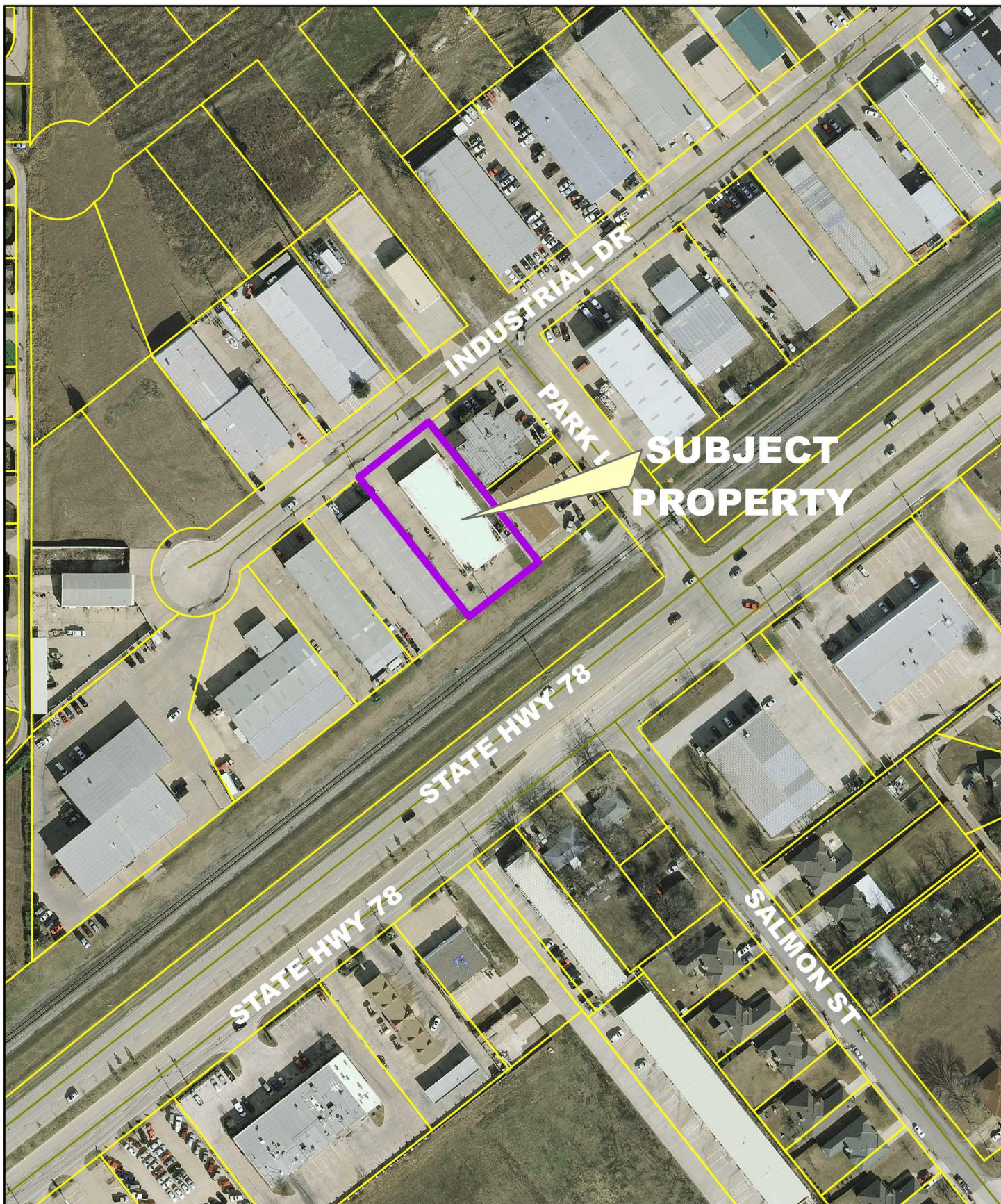
DULY ENROLLED:

Michelle Lewis Sirianni
City Secretary

APPROVED AS TO FORM:

Peter G. Smith
City Attorney
(PGS:2-11-16:TM 75495)

Exhibit "A"
Legal description to be attached



0 150 300
Feet

AERIAL LOCATION MAP

6404 INDUSTRIAL DRIVE

FILE: SUP 15-02

Map Created: December 29, 2015



City of Sachse, Texas

Legislation Details (With Text)

File #:	16-3230	Version:	1	Name:	Purchase Order for Street Maintenance Tax Projects
Type:	Agenda Item	Status:			Agenda Ready
File created:	2/10/2016	In control:			City Council
On agenda:	2/15/2016	Final action:			
Title:	Consider a resolution approving purchase orders in the amount not to exceed eighty thousand dollars (\$80,000.00) to Reynolds Asphalt and Construction Company, Incorporated for asphalt roadway improvement projects.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Presentation Resolution Exhibit A Exhibit B Exhibit C				

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

Title

Consider a resolution approving purchase orders in the amount not to exceed eighty thousand dollars (\$80,000.00) to Reynolds Asphalt and Construction Company, Incorporated for asphalt roadway improvement projects.

Background

Four asphalt roads are being improved this fiscal year through the use of Street Maintenance Tax funds (SMT). The asphalt roadways listed in the Capital Improvement Plan (CIP) this fiscal year include the following:

- 1) 6th Street from 5th Street to Sachse Street
- 2) 2nd Street from Bonanza Drive to Sachse Street
- 3) Sachse Street from Ben Davis to 3rd Street
- 4) Meadowcreek from Westcreek to end

The contractor is currently re-constructing these roads.

There is currently an additional \$80,000.00 in available SMT funding for additional street maintenance projects this year.

Staff has completed the PASER Rating evaluation for many streets in the City, and has listed these streets by PASER score as shown in Exhibit A, attached. Staff is continuing to review

and score streets throughout the City, with the goal of completing a PASER evaluation for all Sachse streets.

The 2015-2016 Street Maintenance Report (Exhibit B) includes photos and descriptions of all streets that have been evaluated.

Staff has reviewed the streets that have been evaluated using the PASER system, and recommends the following projects be selected based upon PASER rating and available funds:

- Sachse Street from 5th Street to 6th Street (estimated cost: \$20,000.00)
- Salmon Street from State Highway 78 to 3407 Salmon Street (estimated cost: \$51,200.00)

Policy Considerations

The City Council previously approved an Interlocal Cooperative Purchasing Agreement with the City of Grand Prairie, Ordinance No. 3381. This allows the City of Sachse to utilize existing contracts publicly bid and awarded by the City of Grand Prairie and vice versa. The City of Grand Prairie executed a contract with Reynolds Asphalt & Construction Company for asphalt pavement improvements, as shown in Exhibit C. The City of Sachse will utilize the unit bid pricing in the Grand Prairie contract to install the asphalt paving improvements for the street maintenance tax projects identified by the City Council this fiscal year.

City Council approval of the purchase orders will allow the contractor to move forward with the scheduling of the projects. The construction will be completed this year.

Budgetary Considerations

The 2015-2016 Fiscal Year Budget includes \$304,879.00 in funding for street maintenance tax projects as approved by the City Council. The previously identified projects for this year have a total cost of \$225,000.00. The remaining SMT fund balance is approximately \$80,000.00. These remaining funds may be used to complete additional street maintenance projects this year.

Staff Recommendations

Approve a resolution authorizing purchase orders in the amount not to exceed eighty thousand dollars (\$80,000.00) to Reynolds Asphalt and Construction Company, Incorporated for asphalt roadway improvement projects.



2015-2016 Street Maintenance Tax Projects Additional Project Selection

City Council Meeting

February 15, 2016

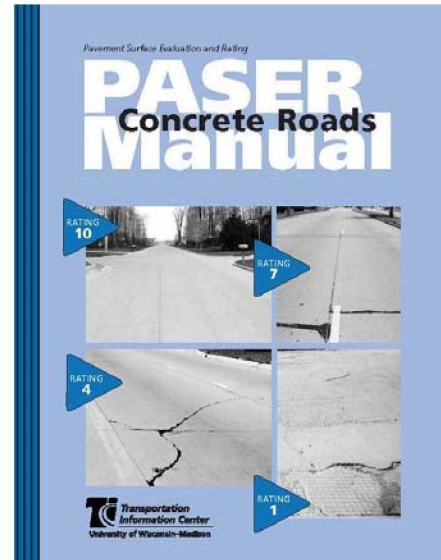
Overview

- As part of the CIP Update process, staff reviews the conditions of existing streets and includes street rehabilitation needs in the CIP for Street Maintenance Tax (SMT) funding.
- For FY 2015-16, the anticipated available SMT funding was \$304,879.
- This year, staff completed a more thorough assessment of City streets utilizing the PASER system to rate street conditions.
- The City Council selected 4 SMT projects for the 2015-16 fiscal year.
- Staff has confirmed that there are remaining SMT funds totaling approximately \$85,000.00.



PASER Manual

- Pavement Surface Evaluation and Rating (PASER) is a commonly used system for evaluating the conditions of streets
- It was established by the University of Wisconsin-Madison
- Allows for simple and consistent scoring of street conditions
- Staff has an ongoing project to utilize the PASER system and review street conditions.



Current 2015-16 Street Maintenance Tax Projects

- 2nd Street
 - From Bonanza Drive to Sachse Street
 - Project underway
- 6th Street
 - From 5th Street to Sachse Street
 - Project substantially complete
- Sachse Street
 - From Ben Davis to 3rd Street
 - Project underway
- Meadowcreek Lane
 - From West Creek Lane to the West
 - Project underway

Street Maintenance Budget

- FY 2015-16 Funds - \$304,879.00
- Current Projects
 - 2nd Street - \$75,000.00
 - 6th Street - \$25,000.00
 - Sachse Street - \$63,000
 - Meadowcreek Lane - \$44,000
 - Contingency Funds - \$18,000
- Remaining Funding ~ \$80,000.00

Concrete Streets

Project #	Street Name	Intersections	Pavement Type	Pavement Thickness	Estimated Cost	Comments	PASER Rating
C1	Woodbridge Railway	Intersection at Sachse Road	Concrete	8"	\$ 66,189.89	Structural failure with severe cracking	2
C10	Park Lane	SH 78 to Industrial	Concrete	8"	\$ 71,300.00	Structural failure in some areas, asphalt patching failing	2
C11	Industrial Drive	End to End	Concrete	8"	\$ 182,211.11	Multiple structural failures, patching failing, deep cracks and spalling	2
C13	Brookview Court Alley	N/A	Concrete	6"	\$ 74,483.33	Structural failure and drainage problems - CDBG eligible	2
C2	Parkview Drive	at Parkridge Drive	Concrete	6"	\$ 47,475.56	Severe cracking and heaving	3
C3	Bryan Street	Sachse Road to Williford	Concrete	8"	\$ 237,666.67	Panel failure with asphalt patching that is failing	3
C5	Tina Street	Dewitt to Sachse	Concrete	6"	\$ 154,295.56	Significant spalling and cracking, asphalt patching is failing	3
C6	Tina Street	Sachse to Kellie	Concrete	6"	\$ 83,082.22	Significant spalling and cracking, asphalt patching is failing	3
C7	West Creek	Timber Creek to Dogwood Court	Concrete	8"	\$ 162,405.56	Failing asphalt patching, structural failure in some areas	3
C20	William Street	Jewel St. to Bryan St.	Concrete	8"	\$ 100,177.78	Moderate to severe cracking, extensive asphalt patching failing	3
C4	Annapolis Court	at Remotmac Drive	Concrete	6"	\$ 33,790.00	Cracking and spalling, crack seal patching failing	4
C8	Highridge Drive	Ben Davis to Ridgeview	Concrete	6"	\$ 86,352.22	Structural cracking, dropped panels holding water	4
C12	Hunters Ridge Drive	Miles Road to Emerson	Concrete	8"	\$ 213,900.00	Moderate to severe cracking and spalling, joints separating (>1/2")	4
C14	Brookhollow Drive	Alexander to Brookview	Concrete	8"	\$ 57,244.44	Significant spalling, minor cracking, failing asphalt repairs	4
C15	Brookview Drive	Brookhollow to Brookview Ct.	Concrete	8"	\$ 174,288.89	Failing asphalt patching, spalling and cracking, structural failure in some areas	4
C17	Park Lake Blvd.	Sachse Road to Brookglen Dr.	Concrete	8"	\$ 157,422.22	Failing asphalt patching, spalling and cracking, structural failure in some areas	4
C18	Alexander St.	Sachse Road to Brookhollow Dr.	Concrete	8"	\$ 71,555.56	Moderate to severe cracking, asphalt patching failing	4
C19	Salmon Street	3407 Salmon to Jewel St.	Concrete	8"	\$ 126,755.56	Moderate to severe cracking, asphalt patching failing	4
C21	7th Street	Boone Street to Salmon Street	Concrete	8"	\$ 128,800.00	Moderate to severe cracking, asphalt patching failing	4
C22	Lillie Street	From 3714 to 32810 Lillie Street	Concrete	8"	\$ 57,244.44	Severe scaling and polishing, some cracking and failing asphalt patching	4
C24	Leasa Ct.	Kellie St. to Tina St.	Concrete	8"	\$ 161,000.00	Major scaling and spalling, some cracking and failing asphalt patching	4
C25	Angie Pl.	Leasa to end of cul-de-sac	Concrete	8"	\$ 78,711.11	Severe scaling and spalling	4
C26	Miles Road	NB lanes near Sachse HS	Concrete	8"	\$ 25,555.56	Severe cracking and panel settlement	4
C28	5th Street/Dewitt Rd	NB lanes north of Ingram	Concrete	8"	\$ 33,222.22	Severe cracking and panel settlement	4
C16	Cedar Brook Ct.	West Creek to End	Concrete	8"	\$ 57,244.44	Moderate scaling and spalling, moderate cracking, settlement of panels	5
C23	Kellie Street	3204 Kellie St. to Leasa Ct.	Concrete	8"	\$ 50,088.89	Moderate cracking, panel settlement	5
C9	Alley behind Armstrong	Ben Davis to Lee Hutson	Concrete	6"	\$ 60,000.00	Drainage improvements - ponding water (6"-) in low spots	7
C27	Bonanza Court	Bonanza Dr	Concrete	8"	-	Some slight cracking and settlement in a couple areas	7
C29	Murphy Road	Blackburn to SH 78	Concrete	8"	-	Some slight cracking and settlement in a couple areas	7

Asphalt Streets

Project #	Street Name	Intersections	Pavement Type	Pavement Thickness	Estimated Cost	Comments	PASER Rating
A0	Sachse Street	Den Davis to 2nd	Asphalt	5"	\$ 30,000.00	Loss of surface integrity - asphalt is loose and crumbling	1
A9	2nd Street	Bonanza Dr. to Sachse St.	Asphalt	5"	\$ 50,000.00	Severe rutting and cracking, surface integrity is lost	1
A48	5th Street	Sachse St. to 5th	Asphalt	5"	\$ 40,000.00	Loss of surface integrity - asphalt is loose and crumbling	1
A4	Meadowbrook	Wintersville to 5th	Asphalt	5"	\$ 50,000.00	Alligator cracking and severe rutting - (see deep rut at 37)	2
A6	Sachse Street	5th to 6th	Asphalt	5"	\$ 20,000.00	Alligator cracking and severe rutting	2
A7	West Creek	Sachse Road to Timber Creek	Asphalt	5"	\$ 132,000.00	Alligator cracking and severe rutting	2
A10	Dewitt Street	Ponderosa Tr. to 3rd St.	Asphalt	5"	\$ 77,600.00	Alligator cracking and severe rutting	2
A11	Pleasant Valley Place	Pleasant Valley Road to End	Asphalt	5"	\$ 84,800.00	Alligator cracking and severe rutting	2
A12	Longbranch Court	Pleasant Valley Pl. to End	Asphalt	5"	\$ 61,600.00	Alligator cracking and severe rutting	2
A13	Salmon Street	SH 78 to 3407 Salmon Street	Asphalt	5"	\$ 51,200.00	Alligator cracking and severe rutting	2
A14	Pecan Grove Dr.	Murphy Road to End	Asphalt	5"	\$ 82,400.00	Alligator cracking and severe rutting	2
A15	Hilltop Tr. & Meadow Ln.	Murphy Rd. to Blackburn Rd.	Asphalt	5"	\$ 180,800.00	Alligator cracking and severe rutting	2
A17	6th Street & Alexander	Boone St. to 5th	Asphalt	5"	\$ 52,800.00	Alligator cracking and severe rutting	2
A2	Bailey Road	Hooper to Sachse Road	Asphalt	5"	\$ 376,000.00	Moderate rutting, patches in poor condition, moderate cracking	3
A3	Hooper Road	Bailey Road to SH 78	Asphalt	5"	\$ 63,200.00	Moderate rutting, patches in poor condition, moderate cracking	3
A4	Sachse Road	SH 78 to 5th Street	Asphalt	5"	\$ 128,000.00	Moderate rutting and cracking, several deeper ruts	3
A5	Sachse Road	Public Works to City Limit	Asphalt	5"	\$ 156,000.00	Alligator cracking and low to moderate rutting	3
A16	Anthony Ln.	Willford Rd. to Bailey Rd.	Asphalt	5"	\$ 196,800.00	Alligator cracking and low to moderate rutting	3

Additional Information

- Public Works is looking for more cost-effective ways to rehabilitate and maintain our roads, especially where the pavement is still structurally sound.
- Staff is currently reviewing the implementation of partial depth concrete street rehabilitation to be done by the Street Department. This rehabilitation method is utilized in areas where concrete streets suffer from spalling and scaling.
 - Utilized by the Federal Highway Administration, State DOT's, and some area municipalities.
 - Potential Sachse Examples: Angie Place, Tina Street, Leasa Court

Spalling Concrete



Cut out partial depth of concrete



Install bonding agent



Pour new cement in place

Discussion & Next Steps

- **Project Selection**
 - Staff is seeking input from the City Council on the selection of an additional project or projects to be completed this year with the remaining ~\$85,000.00 of Street Maintenance Tax funds.
 - Leftover SMT funds do rollover to the next fiscal year, and can be used in the future.
- **Staff Recommendation**
 - Staff recommends that the City Council select the following project locations based upon PASER rating and available funds:
 - Sachse Street from 5th Street to 6th Street (estimated cost: \$20,000.00)
 - Salmon Street from State Highway 78 to 3407 Salmon Street (estimated cost: \$51,200.00)
 - Staff recommends that the City Council approve a resolution of the City Council of the City of Sachse, Texas, approving purchase orders in the amount not to exceed eighty thousand dollars (\$80,000.00) to Reynolds Asphalt and Construction Company, Incorporated for asphalt roadway improvement projects; authorizing its execution by the City Manager; and providing an effective date.

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SACHSE, TEXAS, APPROVING PURCHASE ORDERS IN THE AMOUNT NOT TO EXCEED EIGHTY THOUSAND DOLLARS (\$80,000.00) TO REYNOLDS ASPHALT AND CONSTRUCTION COMPANY, INCORPORATED FOR ASPHALT ROADWAY IMPROVEMENT PROJECTS; AUTHORIZING ITS EXECUTION BY THE CITY MANAGER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City's Capital Improvement Plan includes asphalt roadway improvements; 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. 3381); and

WHEREAS, the City of Sachse desires to utilize contract pricing from the City of Grand Prairie Bid 11099 for Pavement Resurfacing Services with Reynolds Asphalt and Construction Company for asphalt roadway improvements; and

WHEREAS, Purchase Orders need to be authorized by the City Council for said asphalt roadway improvements and the City Manager should be authorized to execute said Purchase Orders not to exceed \$80,000.00 as the total aggregate of all Purchase Orders to be executed.

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

SECTION 1: That the City Council hereby approves Purchase Orders for asphalt roadway improvements and authorizes the City Manager to execute said Purchase Orders not to exceed eighty thousand dollars (\$80,000.00) as the total aggregate of all Purchase Orders to be executed.

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

DULY RESOLVED this 15th day of February, 2016. CITY OF SACHSE, TEXAS

Mike J. Felix, Mayor

ATTEST:

Michelle Lewis Sirianni, City Secretary

2015 - 2016 Potential Street Department Rehabilitation Projects

2015-16 Street Maintenance Tax: \$	305,000.00
FY 15-16 Street Department Budget: \$	200,000.00
Remaining FY Budget Available: \$	505,000.00
8-inch Concrete Replacement:	\$115.00 per SY
6-inch Concrete Replacement:	\$109.00 per SY
Asphalt Pavement Replacement:	\$30.00 per SY

Prepared By: Greg Peters, P.E.
Date: August 14, 2015

Project #	Street Name	Intersections	Pavement Type	Pavement Thickness	Estimated Cost	Comments	PASER Rating
C1	Woodbridge Parkway	Intersection at Sachse Road	Concrete	8"	\$ 66,188.89	Structural failure with severe cracking	2
C10	Park Lane	SH 78 to Industrial	Concrete	8"	\$ 71,300.00	Structural failure in some areas, asphalt patching failing	2
C11	Industrial Drive	End to End	Concrete	8"	\$ 182,211.11	Multiple structural failures, patching failing, deep cracks and spalling	2
C13	Brookview Court Alley	N/A	Concrete	6"	\$ 74,483.33	Structural failure and drainage problems - CDBG eligible	2
C2	Parkview Drive	at Parkridge Drive	Concrete	6"	\$ 47,475.56	Severe cracking and heaving	3
C3	Bryan Street	Sachse Road to Williford	Concrete	8"	\$ 237,666.67	Panel failure with asphalt patching that is failing	3
C5	Tina Street	Dewitt to Sachse	Concrete	6"	\$ 154,295.56	Significant spalling and cracking, asphalt patching is failing	3
C6	Tina Street	Sachse to Kellie	Concrete	6"	\$ 83,082.22	Significant spalling and cracking, asphalt patching is failing	3
C7	West Creek	Timber Creek to Dogwood Court	Concrete	8"	\$ 162,405.56	Failing asphalt patching, structural failure in some areas	3
C20	William Street	Jewel St. to Bryan St.	Concrete	8"	\$ 100,177.78	Moderate to severe cracking, extensive asphalt patching failing	3
C4	Annapolis Court	at Pomotmac Drive	Concrete	6"	\$ 33,790.00	Cracking and spalling, crack seal patching failing	4
C8	Highridge Drive	Ben Davis to Ridgeview	Concrete	6"	\$ 86,352.22	Structural cracking, dropped panels holding water	4
C12	Hunters Ridge Drive	Miles Road to Emerson	Concrete	8"	\$ 213,900.00	Moderate to severe cracking and spalling, joints separating (>1 /2")	4
C14	Brookhollow Drive	Alexander to Brookview	Concrete	8"	\$ 57,244.44	Significant spalling, minor cracking, failing asphalt repairs	4
C15	Brookview Drive	Brookhollow to Brookview Ct.	Concrete	8"	\$ 174,288.89	Failing asphalt patching, spalling and cracking, structural failure in some areas	4
C17	Park Lake Blvd.	Sachse Road to Brookglen Dr.	Concrete	8"	\$ 157,422.22	Failing asphalt patching, spalling and cracking, structural failure in some areas	4
C18	Alexander St.	Sachse Road to Brookhollow Dr.	Concrete	8"	\$ 71,555.56	Moderate to severe cracking, asphalt patching failing	4
C19	Salmon Street	3407 Salmon to Jewel St.	Concrete	8"	\$ 126,755.56	Moderate to severe cracking, asphalt patching failing	4
C21	7th Street	Boone Street to Salmon Street	Concrete	8"	\$ 128,800.00	Moderate to severe cracking, asphalt patching failing	4
C22	Lillie Street	From 3714 to 32810 Lillie Street	Concrete	8"	\$ 57,244.44	Severe scaling and polishing, some cracking and failing asphalt patching	4
C24	Leasa Ct.	Kellie St. to Tina St.	Concrete	8"	\$ 161,000.00	Major scaling and spalling, some cracking and failing asphalt patching	4
C25	Angie Pl.	Leasa to end of cul-de-sac	Concrete	8"	\$ 78,711.11	Severe scaling and spalling	4
C26	Miles Road	NB lanes near Sachse HS	Concrete	8"	\$ 25,555.56	Severe cracking and panel settlement	4
C28	5th Street/Dewitt Rd	NB lanes north of Ingram	Concrete	8"	\$ 33,222.22	Severe cracking and panel settlement	4
C16	Cedar Brook Ct.	West Creek to End	Concrete	8"	\$ 57,244.44	Moderate scaling and spalling, moderate cracking, settlement of panels	5
C23	Kellie Street	3204 Kellie St. to Leasa Ct.	Concrete	8"	\$ 50,088.89	Moderate cracking, panel settlement	5
C9	Alley behind Armstrong	Ben Davis to Lee Hutson	Concrete	6"	\$ 60,000.00	Drainage improvements - ponding water (6"+) in low spots	7
C27	Bonanza Court	Bonanza Dr	Concrete	8"	\$ -	Some slight cracking and settlement in a couple areas	7
C29	Murphy Road	Blackburn to SH 78	Concrete	8"	\$ -	Some slight cracking and settlement in a couple areas	7

Project #	Street Name	Intersections	Pavement Type	Pavement Thickness	Estimated Cost	Comments	PASER Rating
A8	Sachse Street	Ben Davis to 3rd	Asphalt	5"	\$ 96,000.00	Loss of surface integrity - asphalt is loose and worn away	1
A9	2nd Street	Bonanza Dr. to Sachse St.	Asphalt	5"	\$ 96,000.00	Severe rutting and cracking, surface integrity is lost	1
A18	6th Street	Sachse St. to 5th	Asphalt	5"	\$ 43,200.00	Loss of surface integrity - asphalt is loose and worn away	1
A1	Meadowcreek	Westcreek to End	Asphalt	5"	\$ 58,000.00	Alligator cracking and severe rutting - two deep ruts (>3")	2
A6	Sachse Street	5th to 6th	Asphalt	5"	\$ 20,000.00	Alligator cracking and severe rutting	2
A7	West Creek	Sachse Road to Timber Creek	Asphalt	5"	\$ 132,000.00	Alligator cracking and severe rutting	2
A10	Dewitt Street	Ponderosa Tr. To 3rd St.	Asphalt	5"	\$ 77,600.00	Alligator cracking and severe rutting	2
A11	Pleasant Valley Place	Pleasant Valley Road to End	Asphalt	5"	\$ 84,800.00	Alligator cracking and severe rutting	2
A12	Longbranch Court	Pleasant Valley Pl. to End	Asphalt	5"	\$ 61,600.00	Alligator cracking and severe rutting	2
A13	Salmon Street	SH 78 to 3407 Salmon Street	Asphalt	5"	\$ 51,200.00	Alligator cracking and severe rutting	2
A14	Pecan Grove Dr.	Murphy Road to End	Asphalt	5"	\$ 82,400.00	Alligator cracking and severe rutting	2
A15	Hilltop Tr. & Meadow Ln.	Murphy Rd. to Blackburn Rd.	Asphalt	5"	\$ 180,800.00	Alligator cracking and severe rutting	2
A17	6th Street & Alexander	Boone St. to 5th	Asphalt	5"	\$ 52,800.00	Alligator cracking and severe rutting	2
A2	Bailey Road	Hooper to Sachse Road	Asphalt	5"	\$ 376,000.00	Moderate rutting, patches in poor condition, moderate cracking	3
A3	Hooper Road	Bailey Road to SH 78	Asphalt	5"	\$ 63,200.00	Moderate rutting, patches in poor condition, moderate cracking	3
A4	Sachse Road	SH 78 to 5th Street	Asphalt	5"	\$ 128,000.00	Moderate rutting and cracking, several deeper ruts	3
A5	Sachse Road	Public Works to City Limit	Asphalt	5"	\$ 156,000.00	Alligator cracking and low to moderate rutting	3
A16	Anthony Ln.	Williford Rd. to Bailey Rd.	Asphalt	5"	\$ 196,800.00	Alligator cracking and low to moderate rutting	3

\$ 4,708,862.22

*Note: Concrete and asphalt construction costs are volatile. The estimatres provided are based upon recent cost data for Summer 2015.



STREET MAINTENANCE REPORT

FY 2015-2016

Sachse is a tranquil community welcoming the future while offering a safe and enjoyable quality of life to all those who call Sachse home.

Overview

In an effort to better identify, quantify, and plan for the maintenance needs of public streets in the City of Sachse, City staff has prepared the 2015-2016 Street Maintenance Report. This report provides the findings of City staff regarding 43 streets within the City that are known to have current maintenance needs. Staff utilized the Pavement Surface Evaluation and Rating system (PASER) to evaluate and score the streets identified in the report.

The intent of this report is to become a living document that is updated annually. The document will grow over time to include all streets within the City which are identified to have maintenance needs. As streets are improved or re-constructed, they may be removed from the report. The City will continue to identify street maintenance needs, utilize the PASER system to score each street, and document the findings in future years.

PASER

The PASER system was developed by the University of Wisconsin-Madison in conjunction with the Federal Highway Administration, the State of Wisconsin, and transportation professionals. The system provides a simple method for public officials to review and score public streets of various paving types, based upon visual observations. The PASER system is commonly utilized throughout the United States, and the Dallas-Fort Worth region by many municipalities and public agencies.

Report Documents

Included in this report are the following items:

- PASER Concrete street scoring sheet
- PASER Asphalt street scoring sheet
- Spreadsheet of all identified streets and estimated maintenance costs
- Individual sheets for each of the 25 concrete streets and 18 asphalt streets included in the report

Contact Information

For questions or comments related to this document, please contact City Engineer Greg Peters, P.E., at 469-429-4792, or by email at gpeters@cityofsachse.com.

2015 - 2016 Potential Street Department Rehabilitation Projects

2015-16 Street Maintenance Tax: \$ 305,000.00
 FY 15-16 Street Department Budget: \$ 200,000.00
 Remaining FY Budget Available: \$ 505,000.00

Prepared By: Greg Peters, P.E.
 Date: July 24, 2015

8-inch Concrete Replacement: \$115.00 per SY
 6-inch Concrete Replacement: \$109.00 per SY
 Asphalt Pavement Replacement: \$30.00 per SY

Project #	Street Name	Intersections	Replacement Type	Pavement Type	Pavement Thickness	Replacement Width (ft)	Replacement Length (ft)	Replacement Area (SY)	Unit Price	Estimated Cost	Comments	PASER Rating	Priority
C1	Woodbridge Parkway	Intersection at Sachse Road	Panel	Concrete	8"	70	74	575.56	\$ 115.00	\$ 66,188.89	Structural failure with severe cracking	2	
C2	Parkview Drive	at Parkridge Drive	Panel	Concrete	6"	28	140	435.56	\$ 109.00	\$ 47,475.56	Severe cracking and heaving	3	
C3	Bryan Street	Sachse Road to Williford	Panel	Concrete	8"	31	600	2,066.67	\$ 115.00	\$ 237,666.67	Panel failure with asphalt patching that is failing	3	
C4	Annapolis Court	at Pomotmac Drive	Panel	Concrete	6"	31	90	310.00	\$ 109.00	\$ 33,790.00	Cracking and spalling, crack seal patching failing	4	
C5	Tina Street	Dewitt to Sachse	Panel	Concrete	6"	28	455	1,415.56	\$ 109.00	\$ 154,295.56	Significant spalling and cracking, asphalt patching is failing	3	
C6	Tina Street	Sachse to Kellie	Panel	Concrete	6"	28	245	762.22	\$ 109.00	\$ 83,082.22	Significant spalling and cracking, asphalt patching is failing	3	
C7	West Creek	Timber Creek to Dogwood Court	Panel	Concrete	8"	31	410	1,412.22	\$ 115.00	\$ 162,405.56	Failing asphalt patching, structural failure in some areas	3	
C8	Highridge Drive	Ben Davis to Ridgeview	Panel	Concrete	6"	31	230	792.22	\$ 109.00	\$ 86,352.22	Structural cracking, dropped panels holding water	4	
C9	Alley behind Armstrong	Ben Davis to Lee Hutson	Panel	Concrete	6"	-	-	-	N/A	\$ 60,000.00	Drainage improvements - ponding water (6"+) in low spots	7	
C10	Park Lane	SH 78 to Industrial	Panel	Concrete	8"	31	180	620.00	\$ 115.00	\$ 71,300.00	Structural failure in some areas, asphalt patching failing	2	
C11	Industrial Drive	End to End	Panel	Concrete	8"	31	460	1,584.44	\$ 115.00	\$ 182,211.11	Multiple structural failures, patching failing, deep cracks and spalling	2	
C12	Hunters Ridge Drive	Miles Road to Emerson	Panel	Concrete	8"	31	540	1,860.00	\$ 115.00	\$ 213,900.00	Moderate to severe cracking and spalling, joints separating (>1/2")	4	
C13	Brookview Court Alley	N/A	Panel	Concrete	6"	15	410	683.33	\$ 109.00	\$ 74,483.33	Structural failure and drainage problems - CDBG eligible	2	
C14	Brookhollow Drive	Alexander to Brookview	Panel	Concrete	8"	28	160	497.78	\$ 115.00	\$ 57,244.44	Significant spalling, minor cracking, failing asphalt repairs	4	
C15	Brookview Drive	Brookhollow to Brookview Ct.	Panel	Concrete	8"	31	440	1,515.56	\$ 115.00	\$ 174,288.89	Failing asphalt patching, spalling and cracking, structural failure in some areas	4	
C16	Cedar Brook Ct.	West Creek to End	Panel	Concrete	8"	28	160	497.78	\$ 115.00	\$ 57,244.44	Moderate scaling and spalling, moderate cracking, settlement of panels	5	
C17	Park Lake Blvd.	Sachse Road to Brookglen Dr.	Panel	Concrete	8"	28	440	1,368.89	\$ 115.00	\$ 157,422.22	Failing asphalt patching, spalling and cracking, structural failure in some areas	4	
C18	Alexander St.	Sachse Road to Brookhollow Dr.	Panel	Concrete	8"	28	200	622.22	\$ 115.00	\$ 71,555.56	Moderate to severe cracking, asphalt patching failing	4	
C19	Salmon Street	3407 Salmon to Jewel St.	Panel	Concrete	8"	31	320	1,102.22	\$ 115.00	\$ 126,755.56	Moderate to severe cracking, asphalt patching failing	4	
C20	William Street	Jewel St. to Bryan St.	Panel	Concrete	8"	28	280	871.11	\$ 115.00	\$ 100,177.78	Moderate to severe cracking, extensive asphalt patching failing	3	
C21	7th Street	Boone Street to Salmon Street	Panel	Concrete	8"	28	360	1,120.00	\$ 115.00	\$ 128,800.00	Moderate to severe cracking, asphalt patching failing	4	
C22	Lillie Street	From 3714 to 32810 Lillie Street	Panel	Concrete	8"	28	160	497.78	\$ 115.00	\$ 57,244.44	Severe scaling and polishing, some cracking and failing asphalt patching	4	
C23	Kellie Street	3204 Kellie St. to Leasa Ct.	Panel	Concrete	8"	28	140	435.56	\$ 115.00	\$ 50,088.89	Moderate cracking, panel settlement	5	
C24	Leasa Ct.	Kellie St. to Tina St.	Panel	Concrete	8"	28	450	1,400.00	\$ 115.00	\$ 161,000.00	Major scaling and spalling, some cracking and failing asphalt patching	4	
C25	Angie Pl.	Leasa to end of cul-de-sac	Panel	Concrete	8"	28	220	684.44	\$ 115.00	\$ 78,711.11	Severe scaling and spalling	4	
C26	Miles Road	NB lanes near Sachse HS	Panel	Concrete	8"	80	25	222.22	\$ 115.00	\$ 25,555.56	Severe cracking and panel settlement	4	
C27	Bonanza Court	Bonanza Dr	Panel	Concrete	8"	31	0	0.00	\$ 115.00	\$ -	Some slight cracking and settlement in a couple areas	7	
C28	5th Street/Dewitt Rd	NB lanes north of Ingram	Panel	Concrete	8"	65	40	288.89	\$ 115.00	\$ 33,222.22	Severe cracking and panel settlement	4	
C29	Murphy Road	Blackburn to SH 78	Panel	Concrete	8"	60	0	0.00	\$ 115.00	\$ -	Some slight cracking and settlement in a couple areas	7	

Project #	Street Name	Intersections	Replacement Type	Pavement Type	Pavement Thickness	Replacement Width (ft)	Replacement Length (ft)	Replacement Area (SY)	Unit Price	Estimated Cost	Comments	PASER Rating	Priority
A1	Meadowcreek	Westcreek to End	Full Depth	Asphalt	5"	24	725	1933.33	\$ 30.00	\$ 58,000.00	Alligator cracking and severe rutting - two deep ruts (>3")	2	
A2	Bailey Road	Hooper to Sachse Road	Full Depth	Asphalt	5"	24	4700	12533.33	\$ 30.00	\$ 376,000.00	Moderate rutting, patches in poor condition, moderate cracking	3	
A3	Hooper Road	Bailey Road to SH 78	Full Depth	Asphalt	5"	24	790	2106.67	\$ 30.00	\$ 63,200.00	Moderate rutting, patches in poor condition, moderate cracking	3	
A4	Sachse Road	SH 78 to 5th Street	Full Depth	Asphalt	5"	24	1600	4266.67	\$ 30.00	\$ 128,000.00	Moderate rutting and cracking, several deeper ruts	3	
A5	Sachse Road	Public Works to City Limit	Full Depth	Asphalt	5"	24	1950	5200.00	\$ 30.00	\$ 156,000.00	Alligator cracking and low to moderate rutting	3	
A6	Sachse Street	5th to 6th	Full Depth	Asphalt	5"	24	250	666.67	\$ 30.00	\$ 20,000.00	Alligator cracking and severe rutting	2	
A7	West Creek	Sachse Road to Timber Creek	Full Depth	Asphalt	5"	24	1650	4400.00	\$ 30.00	\$ 132,000.00	Alligator cracking and severe rutting	2	
A8	Sachse Street	Ben Davis to 3rd	Full Depth	Asphalt	5"	24	1200	3200.00	\$ 30.00	\$ 96,000.00	Loss of surface integrity - asphalt is loose and worn away	1	
A9	2nd Street	Bonanza Dr. to Sachse St.	Full Depth	Asphalt	5"	24	1200	3200.00	\$ 30.00	\$ 96,000.00	Severe rutting and cracking, surface integrity is lost	1	
A10	Dewitt Street	Ponderosa Tr. To 3rd St.	Full Depth	Asphalt	5"	24	970	2586.67	\$ 30.00	\$ 77,600.00	Alligator cracking and severe rutting	2	
A11	Pleasant Valley Place	Pleasant Valley Road to End	Full Depth	Asphalt	5"	24	1060	2826.67	\$ 30.00	\$ 84,800.00	Alligator cracking and severe rutting	2	
A12	Longbranch Court	Pleasant Valley Pl. to End	Full Depth	Asphalt	5"	24	770	2053.33	\$ 30.00	\$ 61,600.00	Alligator cracking and severe rutting	2	
A13	Salmon Street	SH 78 to 3407 Salmon Street	Full Depth	Asphalt	5"	24	640	1706.67	\$ 30.00	\$ 51,200.00	Alligator cracking and severe rutting	2	
A14	Pecan Grove Dr.	Murphy Road to End	Full Depth	Asphalt	5"	24	1030	2746.67	\$ 30.00	\$ 82,400.00	Alligator cracking and severe rutting	2	
A15	Hilltop Tr. & Meadow Ln.	Murphy Rd. to Blackburn Rd.	Full Depth	Asphalt	5"	24	2260	6026.67	\$ 30.00	\$ 180,800.00	Alligator cracking and severe rutting	2	
A16	Anthony Ln.	Williford Rd. to Bailey Rd.	Full Depth	Asphalt	5"	24	2460	6560.00	\$ 30.00	\$ 196,800.00	Alligator cracking and low to moderate rutting	3	
A17	6th Street & Alexander	Boone St. to 5th	Full Depth	Asphalt	5"	24	660	1760.00	\$ 30.00	\$ 52,800.00	Alligator cracking and severe rutting	2	
A18	6th Street	Sachse St. to 5th	Full Depth	Asphalt	5"	24	540	1440.00	\$ 30.00	\$ 43,200.00	Loss of surface integrity - asphalt is loose and worn away	1	

Total Anticipated Maintenance Cost	\$ 4,708,862.22
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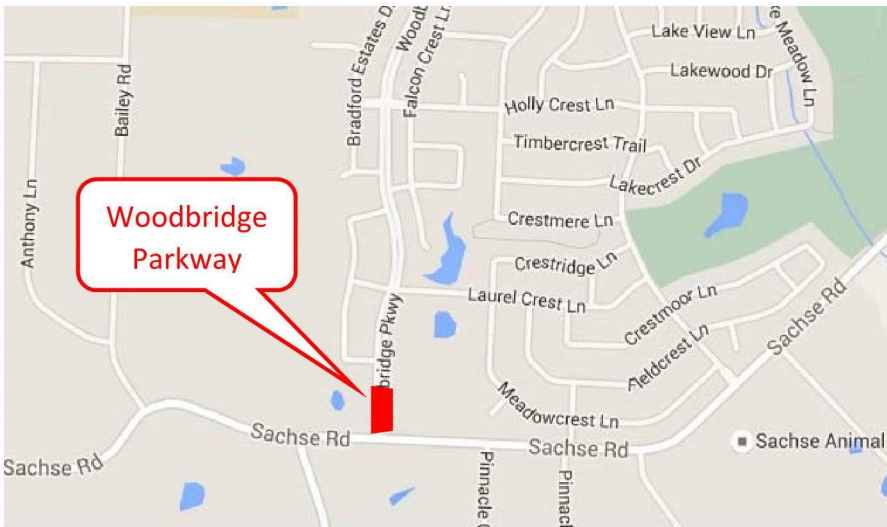
**Note: Concrete and asphalt construction costs are volatile. The estimates provided are based upon recent cost data for Summer 2015.*

Concrete Streets

Rating system

Surface rating	Visible distress*	General condition/ treatment measures
10 Excellent	None.	New pavement. No maintenance required.
9 Excellent	Traffic wear in wheelpath. Slight map cracking or pop-outs.	Recent concrete overlay or joint rehabilitation. Like new condition. No maintenance required.
8 Very Good	Pop-outs, map cracking, or minor surface defects. Slight surface scaling. Partial loss of joint sealant. Isolated meander cracks, tight or well sealed. Isolated cracks at manholes, tight or well sealed.	More surface wear or slight defects. Little or no maintenance required.
7 Good	More extensive surface scaling. Some open joints. Isolated transverse or longitudinal cracks, tight or well sealed. Some manhole displacement and cracking. First utility patch, in good condition. First noticeable settlement or heave area.	First sign of transverse cracks (all tight); first utility patch. More extensive surface scaling. Seal open joints and other routine maintenance.
6 Good	Moderate scaling in several locations. A few isolated surface spalls. Shallow reinforcement causing cracks. Several corner cracks, tight or well sealed. Open (1/4" wide) longitudinal or transverse joints and more frequent transverse cracks (some open 1/4").	First signs of shallow reinforcement or corner cracking. Needs general joint and crack sealing. Scaled areas could be overlaid.
5 Fair	Moderate to severe polishing or scaling over 25% of the surface. High reinforcing steel causing surface spalling. Some joints and cracks have begun spalling. First signs of joint or crack faulting (1/4"). Multiple corner cracks with broken pieces. Moderate settlement or frost heave areas. Patching showing distress.	First signs of joint or crack spalling or faulting. Grind to repair surface defects. Some partial depth patching or joint repairs needed.
4 Fair	Severe polishing, scaling, map cracking, or spalling over 50% of the area. Joints and cracks show moderate to severe spalling. Pumping and faulting of joints (1/2") with fair ride. Several slabs have multiple transverse or meander cracks with moderate spalling. Spalled area broken into several pieces. Corner cracks with missing pieces or patches. Pavement blowups.	Needs some full depth repairs, grinding, and/or asphalt overlay to correct surface defects.
3 Poor	Most joints and cracks are open, with multiple parallel cracks, severe spalling, or faulting. D-cracking is evident. Severe faulting (1") giving poor ride. Extensive patching in fair to poor condition. Many transverse and meander cracks, open and severely spalled.	Needs extensive full depth patching plus some full slab replacement.
2 Very Poor	Extensive slab cracking, severely spalled and patched. Joints failed. Patching in very poor condition. Severe and extensive settlements or frost heaves.	Recycle and/or rebuild pavement.
1 Failed	Restricted speed. Extensive potholes. Almost total loss of pavement integrity.	Total reconstruction.

* Individual pavements will not have all of the types of distress listed for any particular rating. They may have only one or two types.



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

WOODBIDGE PARKWAY

Location

From: Sachse Road
To: 75 feet north

Street Details

Classification: Minor Arterial
Year Built: 1999
Street Width: 70-feet
Replacement Length: 75-feet
Material Type: Concrete
Material Details: 8"

Pavement Assessment

Failure Type: Structural failure
PASER Score: 2
Condition Overview: structural failure of concrete panels with deep open cracks

Utility Details

Water: 12" PVC (east side)
Sewer: 8" PVC (west side)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$67,000.00
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

PARKVIEW DRIVE

Location

At: Intersection of Parkridge Drive

Street Details

Classification: Local
 Year Built: 1984
 Street Width: 28 ft
 Replacement Length: 140 ft
 Material Type: Concrete
 Material Details: 6"

Pavement Assessment

Failure Type: Cracking and Heaving
 PASER Score: 3
 Condition Overview: Severe Cracking and Heaving

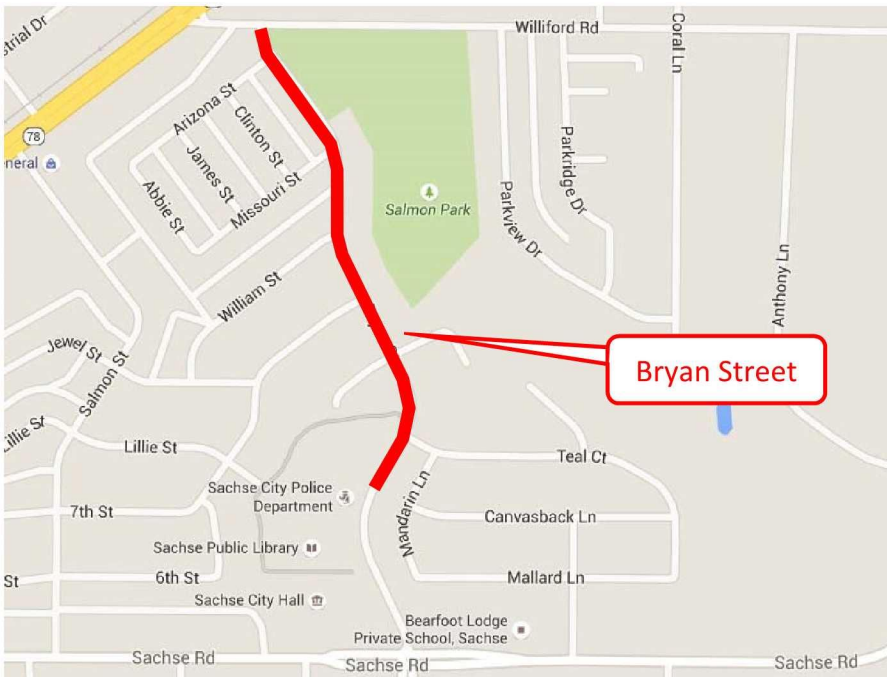
Utility Details

Water: 6" PVC (east side)
 Sanitary Sewer: 6" PVC (center)
 Storm: 24" (west side)

Recommendations

Action: Panel Replacement
 Scope: Remove and Replace
 Anticipated Cost: \$47,500
 Funding Source: Street Maintenance Tax
 Project Partners: N/A
 Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

BRYAN STREET

Location

From: Sachse Road

To: Williford Road

Street Details

Classification: Collector

Year Built: 1983

Street Width: 31 ft

Replacement Length: 600 ft

Material Type: Concrete

Material Details: 8"

Pavement Assessment

Failure Type: Cracking and Panel Failure

PASER Score: 3

Condition Overview: Panel failure with asphalt patching that is failing

Utility and Details

Water: 8" and 6" PVC (east side)

Sanitary Sewer: 6" PVC (center)

Storm: 36" (east side)

Recommendations

Action: Panel Replacement

Scope: Remove and replace

Anticipated Cost: \$238,000

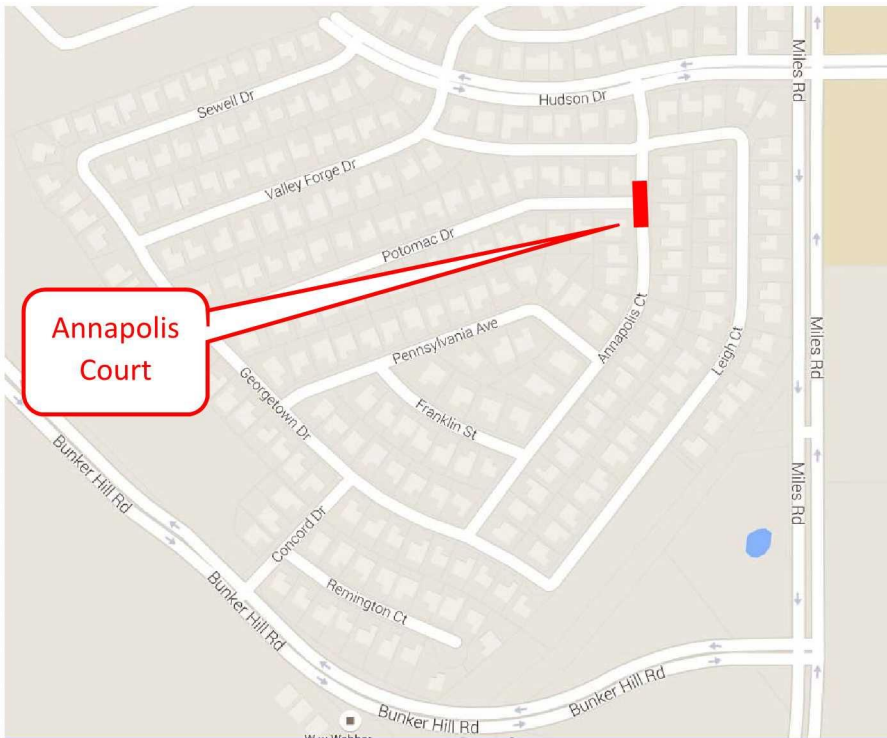
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

ANNAPOLIS COURT

Location

Intersection: Potomac Drive

Street Details

Classification: Local

Year Built: 1997

Street Width: 31 feet

Replacement Length: 90 feet

Material Type: Concrete

Material Details: 6"

Pavement Assessment

Failure Type: Cracking and

Spalling

PASER Score: 4

Condition Overview: Cracking and spalling, crack seal patching failing

Utility Details

Water: 8" PVC (west side)

Sanitary Sewer: 6" PVC (east side)

Storm: N/A

Recommendations

Action: Panel Replacement

Scope: Remove and replace

Anticipated Cost: \$34,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

TINA STREET

Location

From: Dewitt
To: Sachse Street

Street Details

Classification: Local Street
Year Built: 1984
Street Width: 28 ft
Replacement Length: 455 ft
Material Type: Concrete
Material Details: 6" Concrete

Pavement Assessment

Failure Type: Spalling and Cracking
PASER Score: 3
Condition Overview: Significant Spalling and cracking, asphalt patching is failing

Utility Details

Water: 8" PVC (south side)
Sanitary Sewer: 6" PVC (center)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$155,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

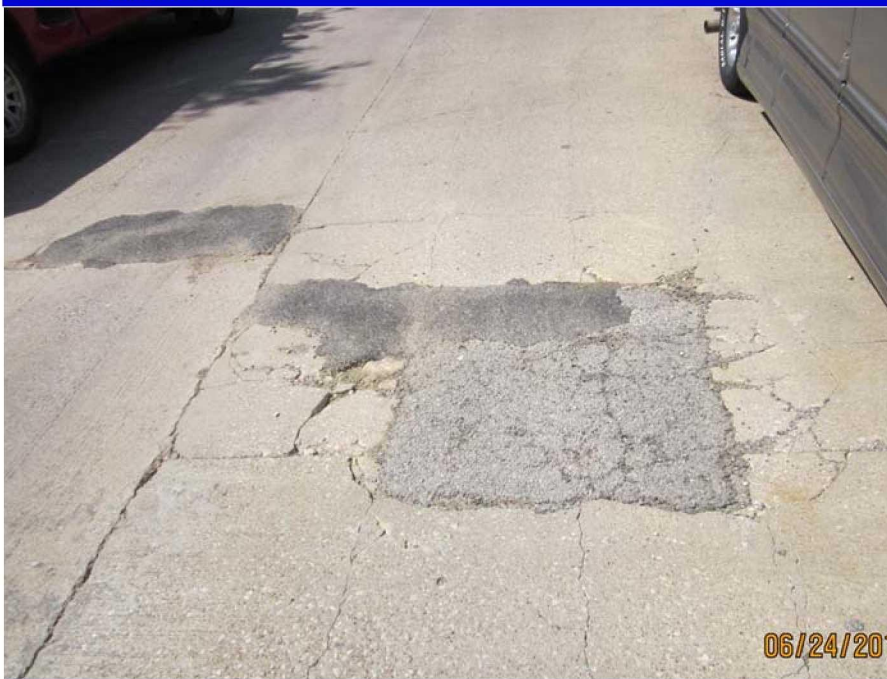
Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

TINA STREET

Location

From: Sachse Street

To: Kellie Street

Street Details

Classification: Local Street

Year Built: 1984

Street Width: 28 ft

Street Length: 245 ft

Material Type: Concrete

Material Details: 6" Concrete

Pavement Assessment

Failure Type: Spalling and Cracking

PASER Score: 3

Condition Overview: Significant

Spalling and cracking, asphalt patching is failing

Utility Details

Water: 8" PVC (south and east side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$83,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

WEST CREEK

Location

From: Timber Creek

To: Dogwood Court

Street Details

Classification: Local Street

Year Built: 1985 & 1994

Street Width: 31 ft

Replacement Length: 410 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Structural failure

PASER Score: 3

Condition Overview: Failing asphalt patching, structural failure in some areas

Utility Details

Water: 8" PVC (east side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$163,000

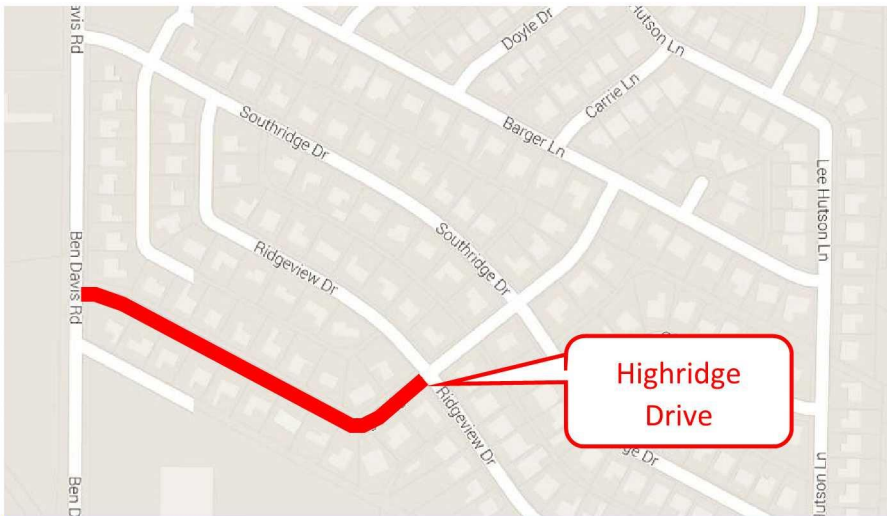
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

HIGHRIDGE DRIVE

Location

From: Ben Davis

To: Ridgeview

Street Details

Classification: Local Street

Year Built: 1984

Street Width: 31 ft

Replacement Length: 230 ft

Material Type: Concrete

Material Details: 6" Concrete

Pavement Assessment

Failure Type: Structural cracking

PASER Score: 4

Condition Overview: Structural cracking, dropped panels holding water

Utility Details

Water: 6" PVC (south and east sides)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$87,000

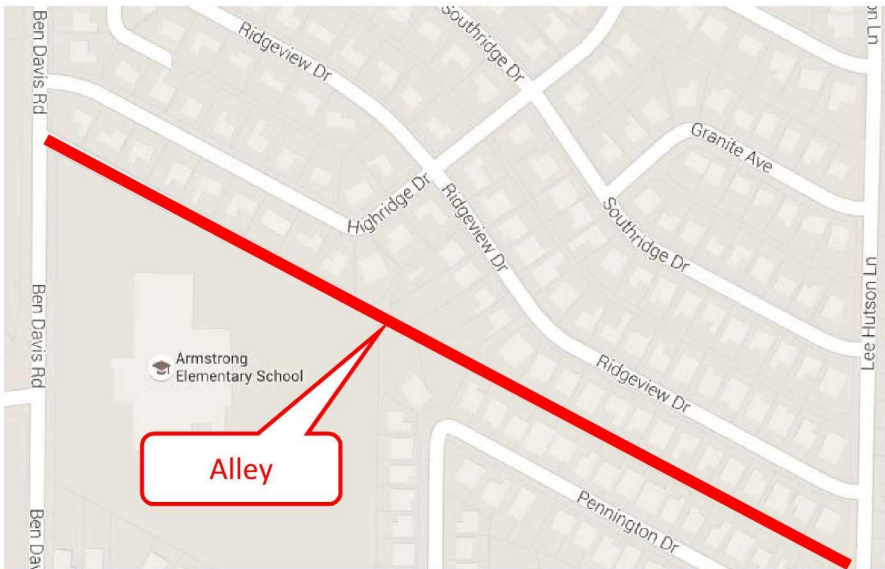
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

ALLEY BEHIND ARMSTONG ELEMENTARY

Location

From: Ben Davis

To: Lee Hutson

Street Details

Classification: Alley

Year Built: 1984

Street Width: 10 ft

Replacement Length: N/A

Material Type: Concrete

Material Details: 6" Concrete

Pavement Assessment

Failure Type: Drainage

PASER Score: 7

Condition Overview: ponding
water (6"+) in some areas

Utility Details

Water: N/A

Sanitary Sewer: N/A

Storm: N/A

Recommendations

Action: Install grate inlets and
storm pipe

Scope: Limited removal and
replacement for storm

Anticipated Cost: \$60,000

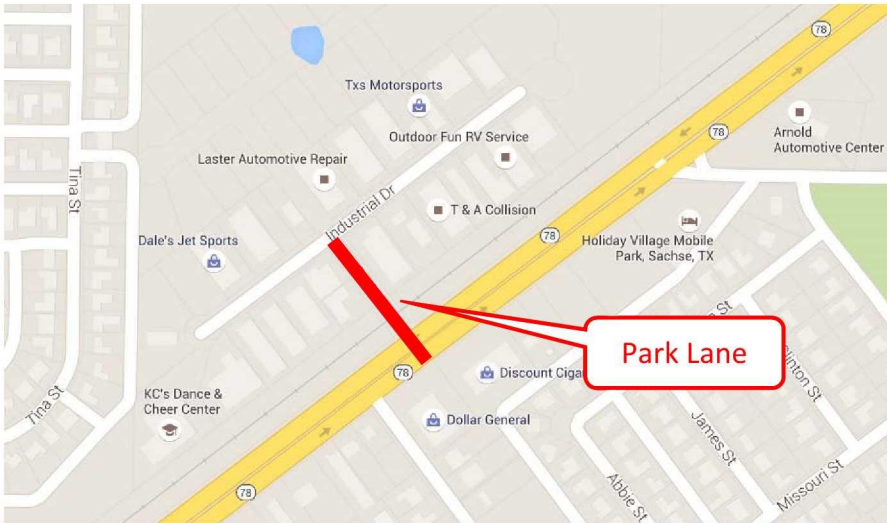
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

PARK LANE

Location

From: State Highway 78

To: Industrial

Street Details

Classification: Local Street

Year Built: 1983

Street Width: 31 ft

Replacement Length: 180 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Structural failure

PASER Score: 2

Condition Overview: Structural failure in some areas, asphalt patching failing

Utility Details

Water: N/A

Sanitary N/A

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$72,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

INDUSTRIAL DRIVE

Location

From: End

To: End

Street Details

Classification: Local Street

Year Built: 1983

Street Width: 31 ft

Replacement Length: 460 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Multiple Structural failures

PASER Score: 1

Condition Overview: Multiple structural failures, patching failing, deep cracks and spalling

Utility Details

Water: 6" PVC (south side)

Sanitary Sewer: 6" PVC (north side)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$183,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

HUNTERS RIDGE DRIVE

Location

From: Miles Road

To: Emerson

Street Details

Classification: Local Street

Year Built: 1990

Street Width: 31 ft

Replacement Length: 540 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Moderate to severe cracking and spalling

PASER Score: 4

Condition Overview: Moderate to severe cracking and spalling, joints separating ($> \frac{1}{2}$ ")

Utility Details

Water: 8" PVC (north side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$214,000

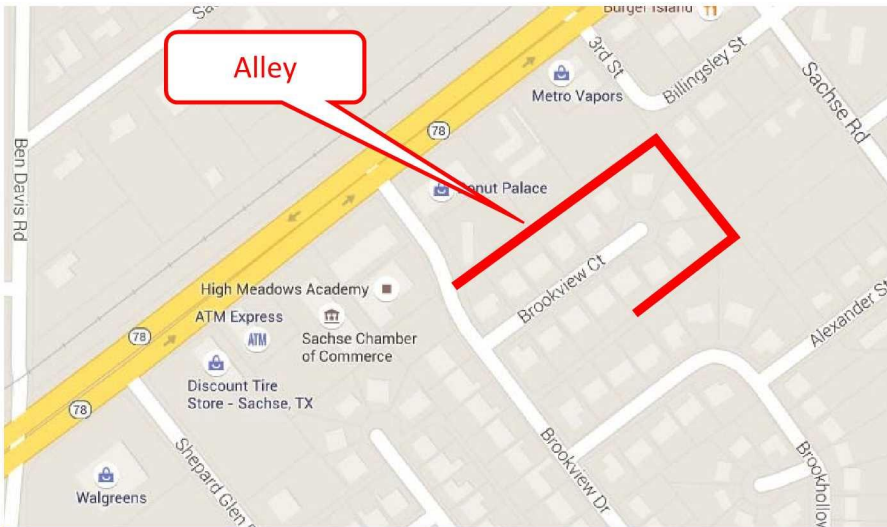
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

BROOKVIEW COURT ALLEY

Location

From: N/A

To: N/A

Street Details

Classification: Alley

Year Built: 1985

Street Width: 15 ft

Replacement Length: 410 ft

Material Type: Concrete

Material Details: 6" Concrete

Pavement Assessment

Failure Type: Structural failure and drainage

PASER Score: 2

Condition Overview: Structural failure and drainage problems - CDBG eligible

Utility Details

Water: N/A

Sanitary Sewer: N/A

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$75,000

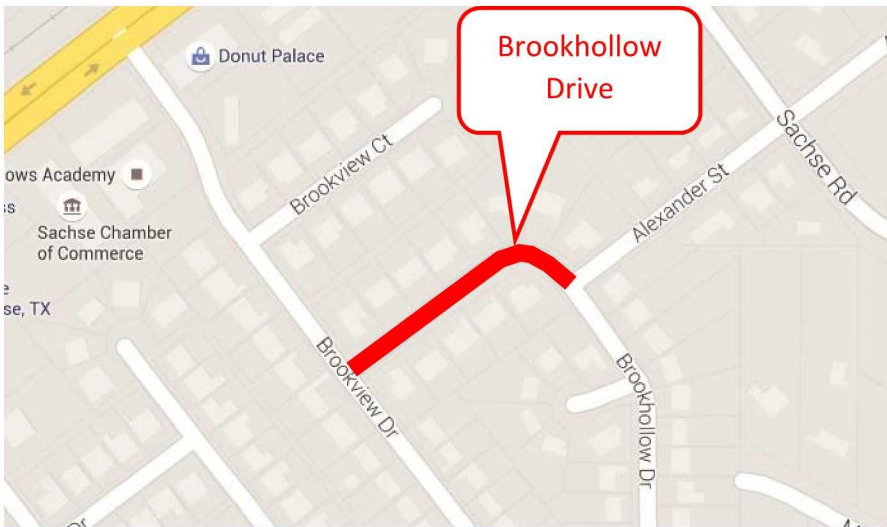
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

BROOKHOLLOW DRIVE

Location

From: Alexander

To: Brookview

Street Details

Classification: Local Street

Year Built: 1982

Street Width: 28 ft

Replacement Length: 160 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Spalling and cracking

PASER Score: 4

Condition Overview: Significant spalling, minor cracking and failing asphalt repairs

Utility Details

Water: 6" PVC (south side)

Sanitary Sewer: 6" PVC (north side)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$58,000

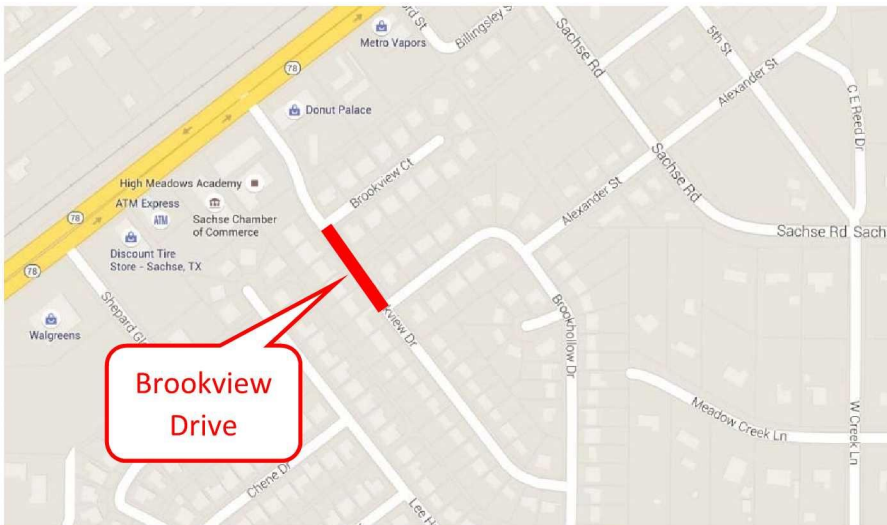
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

BROOKVIEW DRIVE

Location

From: Brookhollow
To: Brookview Court

Street Details

Classification: Local Street
Year Built: 1983
Street Width: 31 ft
Replacement Length: 440 ft
Material Type: Concrete
Material Details: 8" Concrete

Pavement Assessment

Failure Type: Spalling and cracking
PASER Score: 4
Condition Overview: Failing asphalt patching, spalling, cracking and structural failure in some areas

Utility Details

Water: 6" PVC (north side)
Sanitary Sewer: 6" PVC (south side)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$175,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

CEDAR BROOK COURT

Location

From: West Creek

To: End

Street Details

Classification: Local Street

Year Built: 1985

Street Width: 28 ft

Replacement Length: 160 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Spalling and scaling

PASER Score: 5

Condition Overview: Moderate scaling and spalling, moderate cracking and settlement of panels

Utility Details

Water: 6" PVC (south side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$58,000

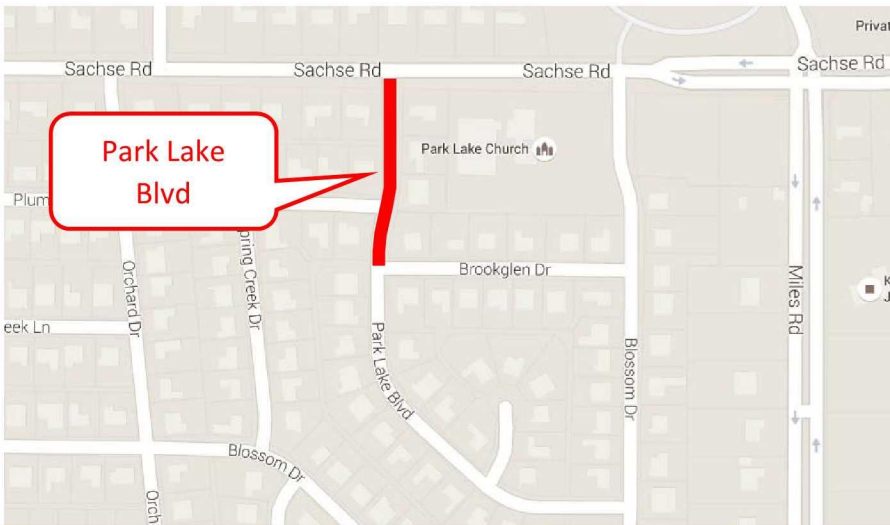
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

PARK LAKE BLVD

Location

From: Sachse Rd
To: Brookglen Dr

Street Details

Classification: Local Street
Year Built: 1984
Street Width: 28 ft
Replacement Length: 440 ft
Material Type: Concrete
Material Details: 8" Concrete

Pavement Assessment

Failure Type: Spalling and scaling
PASER Score: 4
Condition Overview: Failing asphalt patching, spalling, cracking, and structural failure in some areas

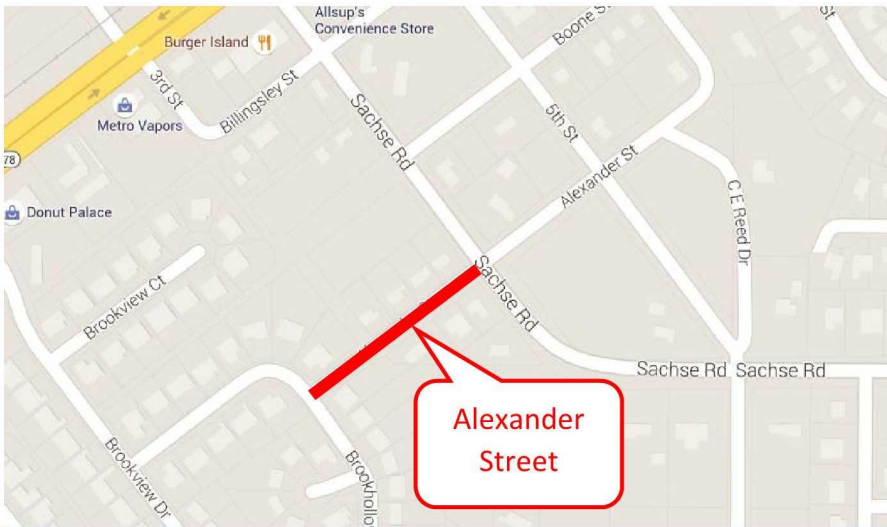
Utility Details

Water: 6" PVC (west side)
Sanitary Sewer: 6" PVC (center)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$158,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP

ALEXANDER STREET

Location

From: Sachse Rd

To: Brookhollow Dr

Street Details

Classification: Local Street

Year Built: 1980

Street Width: 28 ft

Replacement Length: 200 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Cracking

PASER Score: 4

Condition Overview: Moderate to severe cracking, asphalt patching failing

Utility Details

Water: 6" PVC (south side)

Sanitary Sewer: 6" PVC (north side)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$72,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

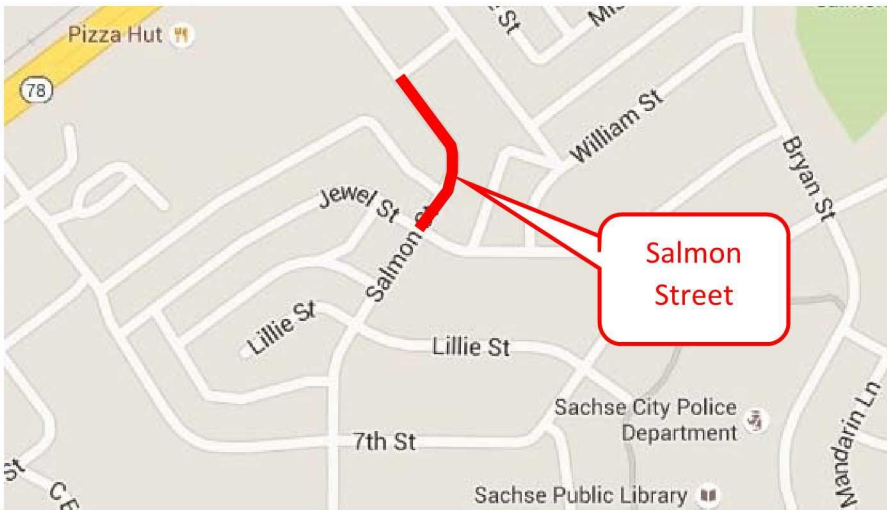
Last Update: 2015



SITE PHOTO #1



SITE PHOTO #2



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

SALMON STREET

Location

From: Jewel St
To: 3407 Salmon St

Street Details

Classification: Local Street
Year Built: 1982
Street Width: 31 ft
Replacement Length: 320 ft
Material Type: Concrete
Material Details: 8" Concrete

Pavement Assessment

Failure Type: Cracking
PASER Score: 4
Condition Overview: Moderate to severe cracking, asphalt patching failing

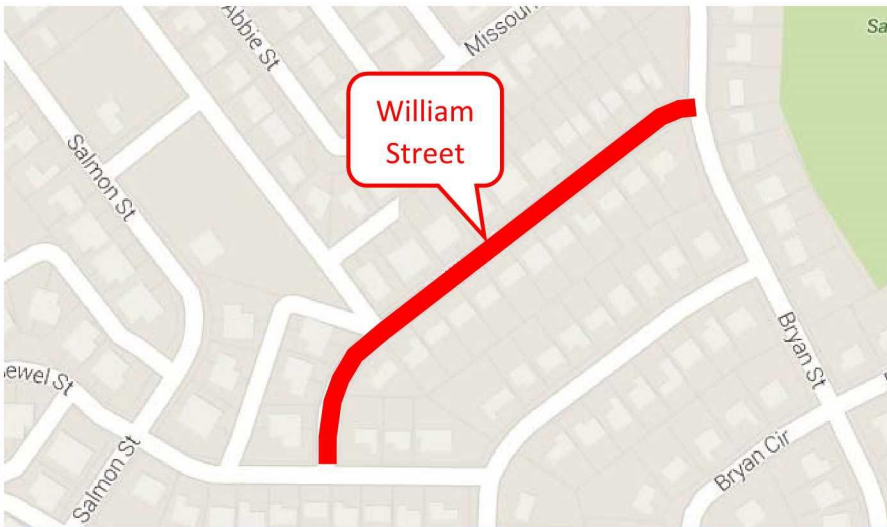
Utility Details

Water: 6" PVC (south side)
Sanitary Sewer: 6" PVC (north side)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$127,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

WILLIAM STREET

Location

From: Jewell St

To: Bryan St

Street Details

Classification: Local Street

Year Built: 1983

Street Width: 28 ft

Replacement Length: 280 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Cracking

PASER Score: 3

Condition Overview: Moderate to severe cracking, extensive asphalt patching failing

Utility Details

Water: 6" PVC (north side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$101,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

7TH STREET

Location

From: Boone St

To: Salmon St

Street Details

Classification: Local Street

Year Built: 1984

Street Width: 28 ft

Replacement Length: 360 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Cracking

PASER Score: 3

Condition Overview: Moderate to severe cracking, asphalt patching failing

Utility Details

Water: 6" PVC (south side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$129,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

LILLIE STREET

Location

From: 3714 Lillie St
To: 3810 Lillie St

Street Details

Classification: Local Street
Year Built: 1984
Street Width: 28 ft
Replacement Length: 160 ft
Material Type: Concrete
Material Details: 8" Concrete

Pavement Assessment

Failure Type: Scaling and polishing
PASER Score: 4
Condition Overview: Severe scaling and polishing, some cracking and failing asphalt patching

Utility Details

Water: 6" PVC (north side)
Sanitary Sewer: 6" PVC (center)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$58,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

KELLIE STREET

Location

From: 3402 Kellie St
To: Leasa Court

Street Details

Classification: Local Street
Year Built: 1985
Street Width: 28 ft
Replacement Length: 140 ft
Material Type: Concrete
Material Details: 8" Concrete

Pavement Assessment

Failure Type: Cracking
PASER Score: 5
Condition Overview: Moderate cracking and panel settlement

Utility Details

Water: 6" PVC (south side)
Sanitary Sewer: 6" PVC (center)
Storm: N/A

Recommendations

Action: Panel replacement
Scope: Remove and replace
Anticipated Cost: \$51,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

LEASA COURT

Location

From: Kellie St

To: Tina St

Street Details

Classification: Local Street

Year Built: 1984

Street Width: 28 ft

Replacement Length: 450 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Scaling and Spalling

PASER Score: 4

Condition Overview: Major scaling and spalling, some cracking and failing asphalt patching

Utility Details

Water: 6" PVC (east side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$161,000

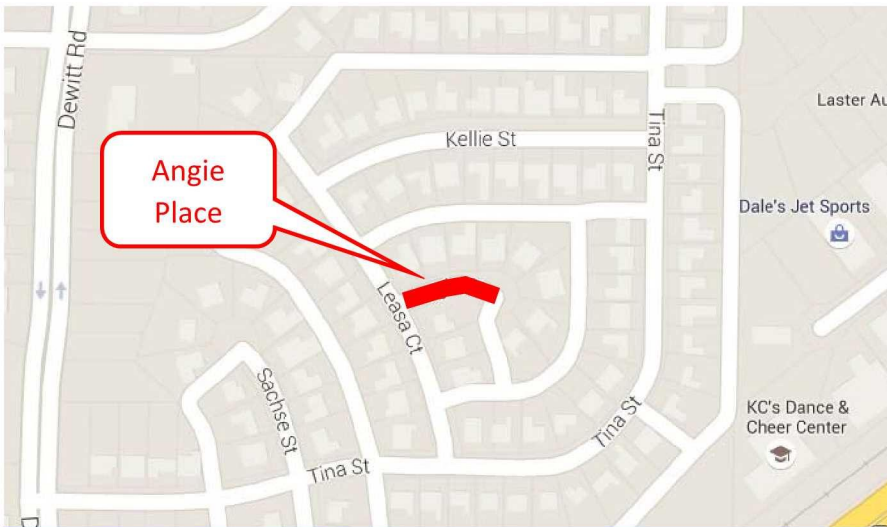
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

ANGIE PLACE

Location

From: Leasa Court

To: End

Street Details

Classification: Local Street

Year Built: 1985

Street Width: 28 ft

Replacement Length: 220 ft

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Scaling and Spaling

PASER Score: 4

Condition Overview: Severe
scaling and spaling

Utility Details

Water: 6" PVC (north side)

Sanitary Sewer: 6" PVC (center)

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$79,000

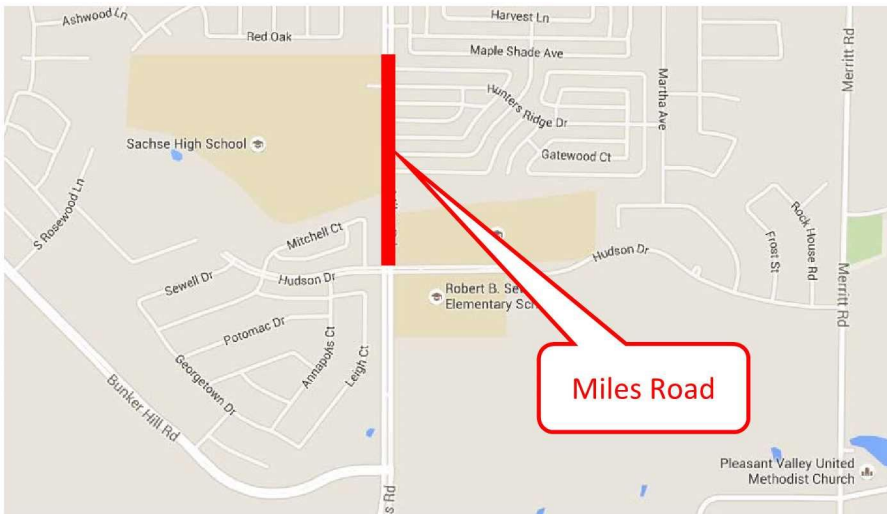
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

MILES ROAD

Location

North bound lanes near Sachse High School

Street Details

Classification: Minor Arterial

Year Built: 1994

Street Width: 80 feet

Street Length: 25 feet

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Severe cracking and panel settlement

PASER Score: 4

Condition Overview: Severe cracking and panel settlement

Utility Details

Water: 12" PVC (west side)

Sanitary Sewer: None

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$26,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

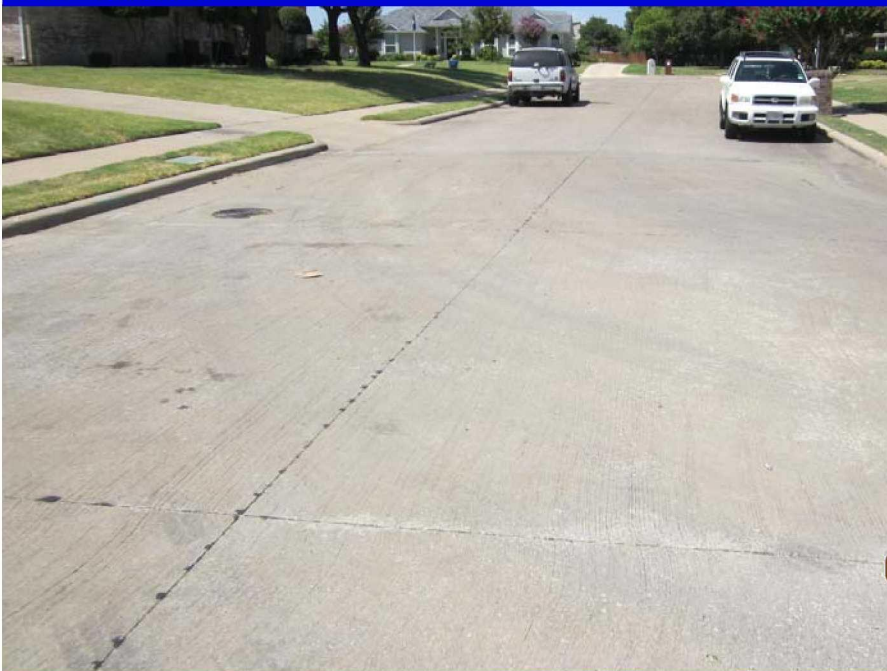
Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

BONANZA COURT

Location

From: Bonanza Drive

To: Bonanza Drive

Street Details

Classification: Local Street

Year Built: 1987

Street Width: 31 feet

Street Length: 0 feet

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Some slight cracking and settlement in a couple areas

PASER Score: 7

Condition Overview: Some slight cracking and settlement in a couple areas

Utility Details

Water: 6" PVC (north and east sides)

Sanitary Sewer: 6" PVC (south and west sides)

Storm: N/A

Recommendations

Action: None at this time

Scope: Future Removal and replacement

Anticipated Cost: N/A

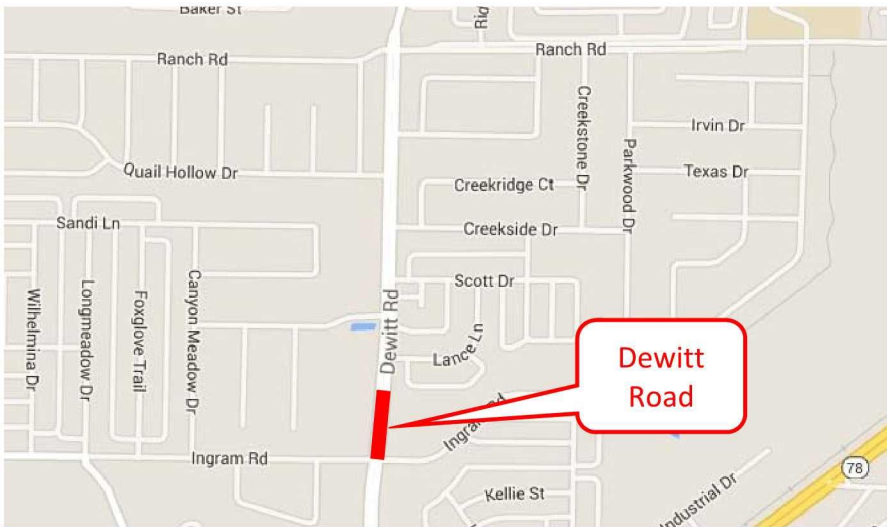
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

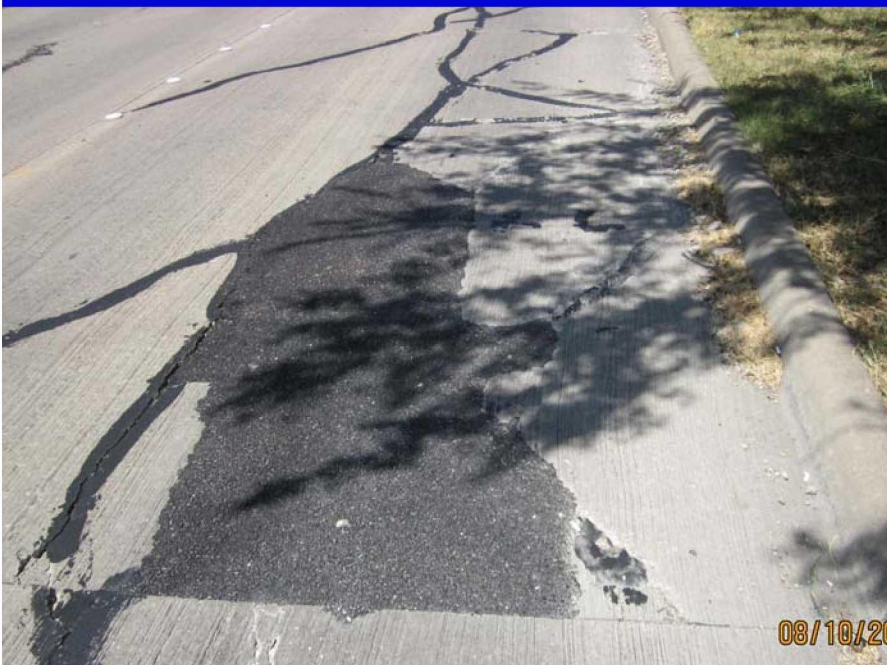
Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

5TH STREET/ DEWITT ROAD

Location

North bound lanes north of Ingram Road

Street Details

Classification: Minor Arterial

Year Built: 2010

Street Width: 65 feet

Street Length: 40 feet

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Severe cracking and panel settlement

PASER Score: 4

Condition Overview: Severe cracking and panel settlement

Utility Details

Water: Varies

Sanitary Sewer: Varies

Storm: N/A

Recommendations

Action: Panel replacement

Scope: Remove and replace

Anticipated Cost: \$34,000

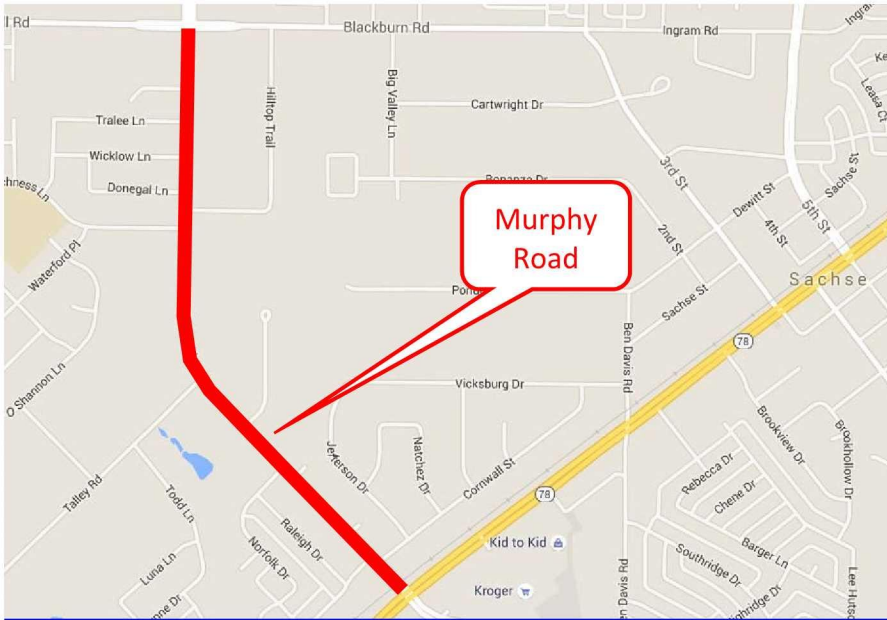
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

MURPHY ROAD

Location

From: Blackburn Road

To: State Highway 78

Street Details

Classification: Minor Arterial

Year Built: 2008

Street Width: 60 feet

Street Length: 0 feet

Material Type: Concrete

Material Details: 8" Concrete

Pavement Assessment

Failure Type: Some slight cracking and settlement in a couple areas

PASER Score: 7

Condition Overview: Some slight cracking and settlement in a couple areas

Utility Details

Water: Varies

Sanitary Sewer: Varies

Storm: N/A

Recommendations

Action: None at this time

Scope: Future Removal and replacement

Anticipated Cost: N/A

Funding Source: Street

Maintenance Tax

Project Partners: Potential Dallas

County Partnership

Funds Available: TBD

Last Update: 2015

Asphalt Streets

Rating system

Surface rating	Visible distress*	General condition/ treatment measures
10 Excellent	None.	New construction.
9 Excellent	None.	Recent overlay. Like new.
8 Very Good	No longitudinal cracks except reflection of paving joints. Occasional transverse cracks, widely spaced (40' or greater). All cracks sealed or tight (open less than 1/4").	Recent sealcoat or new cold mix. Little or no maintenance required.
7 Good	Very slight or no raveling, surface shows some traffic wear. Longitudinal cracks (open 1/4") due to reflection or paving joints. Transverse cracks (open 1/4") spaced 10' or more apart, little or slight crack raveling. No patching or very few patches in excellent condition.	First signs of aging. Maintain with routine crack filling.
6 Good	Slight raveling (loss of fines) and traffic wear. Longitudinal cracks (open 1/4"–1/2"), some spaced less than 10'. First sign of block cracking. Slight to moderate flushing or polishing. Occasional patching in good condition.	Shows signs of aging. Sound structural condition. Could extend life with sealcoat.
5 Fair	Moderate to severe raveling (loss of fine and coarse aggregate). Longitudinal and transverse cracks (open 1/2") show first signs of slight raveling and secondary cracks. First signs of longitudinal cracks near pavement edge. Block cracking up to 50% of surface. Extensive to severe flushing or polishing. Some patching or edge wedging in good condition.	Surface aging. Sound structural condition. Needs sealcoat or thin non-structural overlay (less than 2")
4 Fair	Severe surface raveling. Multiple longitudinal and transverse cracking with slight raveling. Longitudinal cracking in wheel path. Block cracking (over 50% of surface). Patching in fair condition. Slight rutting or distortions (1/2" deep or less).	Significant aging and first signs of need for strengthening. Would benefit from a structural overlay (2" or more).
3 Poor	Closely spaced longitudinal and transverse cracks often showing raveling and crack erosion. Severe block cracking. Some alligator cracking (less than 25% of surface). Patches in fair to poor condition. Moderate rutting or distortion (1" or 2" deep). Occasional potholes.	Needs patching and repair prior to major overlay. Milling and removal of deterioration extends the life of overlay.
2 Very Poor	Alligator cracking (over 25% of surface). Severe distortions (over 2" deep). Extensive patching in poor condition. Potholes.	Severe deterioration. Needs reconstruction with extensive base repair. Pulverization of old pavement is effective.
1 Failed	Severe distress with extensive loss of surface integrity.	Failed. Needs total reconstruction.

* Individual pavements will not have all of the types of distress listed for any particular rating. They may have only one or two types.



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

MEADOWCREEK LANE

Location

From: Westcreek Ln

To: End

Street Details

Classification: Local Street

Year Built: 1980

Street Width: 24 ft

Street Length: 725 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Alligator cracking and severe rutting

PASER Score: 2

Condition Overview: Alligator cracking and severe rutting – two deep ruts (>3")

Utility Details

Water: 6" PVC (north side)

Sanitary Sewer: 6" PVC (south side)

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$58,000

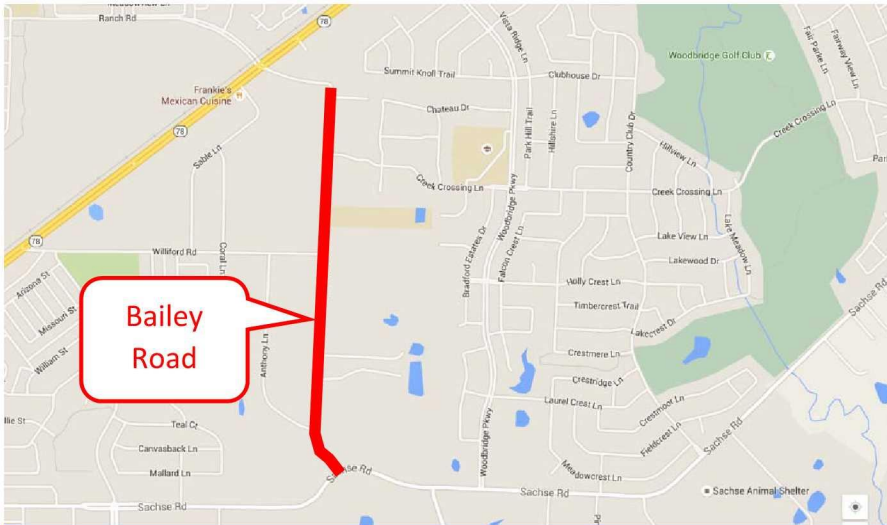
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

BAILEY ROAD

Location

From: Hooper Rd

To: Sachse Rd

Street Details

Classification: Collector Road

Year Built: pre-1980

Street Width: 24 ft

Street Length: 4,700 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Moderate cracking and moderate rutting

PASER Score: 3

Condition Overview: Moderate cracking, patches in poor condition and moderate rutting

Utility Details

Water: Varies

Sanitary Sewer: Varies

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$376,000

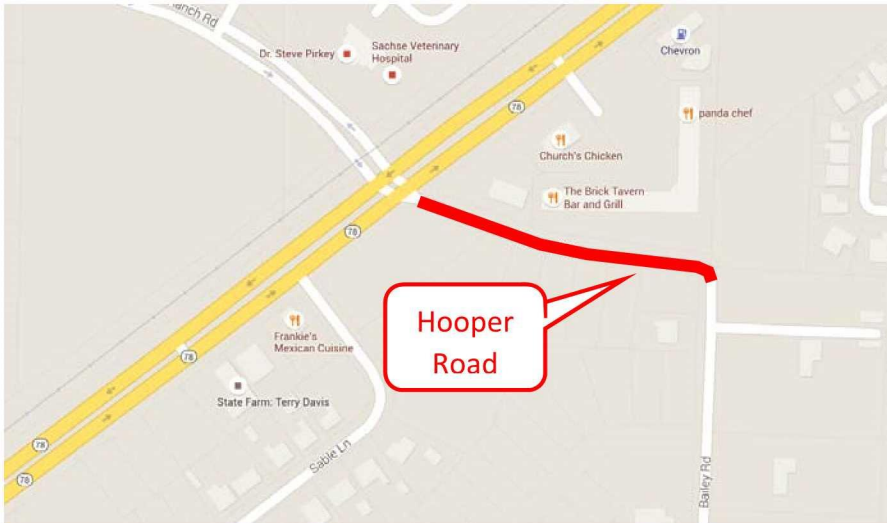
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

HOOPER ROAD

Location

From: State Highway 78

To: Bailey Rd

Street Details

Classification: Collector Road

Year Built: N/A

Street Width: 24 feet

Street Length: 790 feet

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Moderate cracking and moderate rutting

PASER Score: 3

Condition Overview: Moderate cracking, patches in poor condition and moderate rutting

Utility Details

Water: 16" PVC (south side)

Sanitary Sewer: N/A

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$64,000

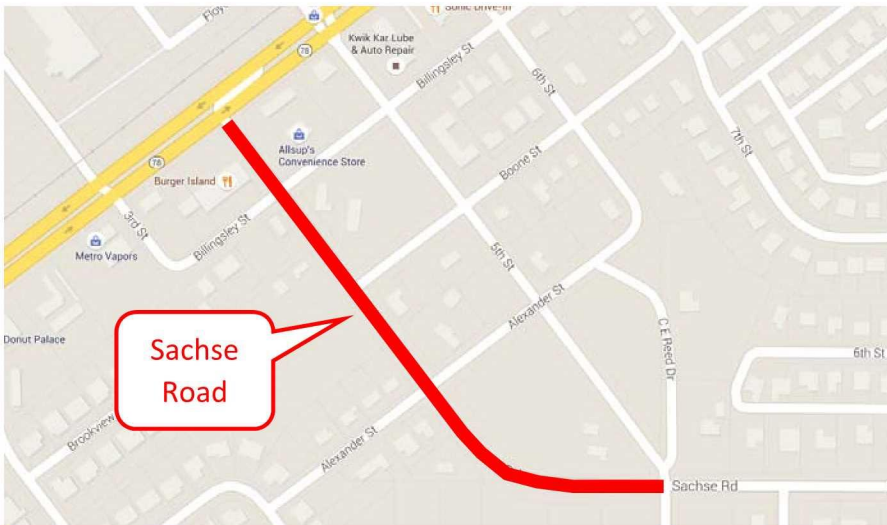
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

SACHSE ROAD

Location

From: State Highway 78
To: 5th Street

Street Details

Classification: Minor Arterial
Year Built: N/A
Street Width: 24 feet
Street Length: 1,600 feet
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Moderate cracking and moderate rutting
PASER Score: 3
Condition Overview: Moderate cracking and moderate rutting with several deep ruts

Utility Details

Water: Varies
Sanitary Sewer: Varies
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$128,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

SACHSE ROAD

Location

From: Public Works

To: City Limit

Street Details

Classification: Minor Arterial

Year Built: N/A

Street Width: 24 ft

Street Length: 1,950 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Cracking and rutting

PASER Score: 3

Condition Overview: Moderate cracking and low to moderate rutting

Utility Details

Water: Varies

Sanitary Sewer: Varies

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$156,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

SACHSE STREET

Location

From: 5th Street

To: 6th Street

Street Details

Classification: Local

Year Built: N/A

Street Width: 24 ft

Street Length: 250 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Cracking and rutting

PASER Score: 2

Condition Overview: Alligator cracking and severe rutting

Utility Details

Water: 6" PVC (north side)

Sanitary Sewer: 6" PVC (varies)

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$20,000

Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

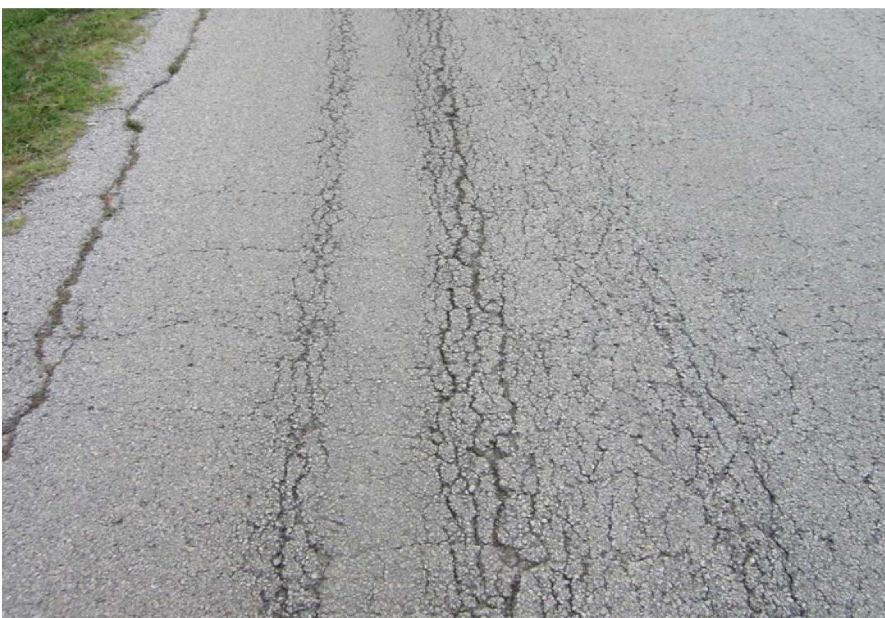
Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

WESTCREEK LANE

Location

From: Sachse Rd
To: Timber Creek Ct

Street Details

Classification: Local
Year Built: 1980
Street Width: 24 ft
Street Length: 1,650 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Cracking and rutting
PASER Score: 2
Condition Overview: Alligator cracking and severe rutting

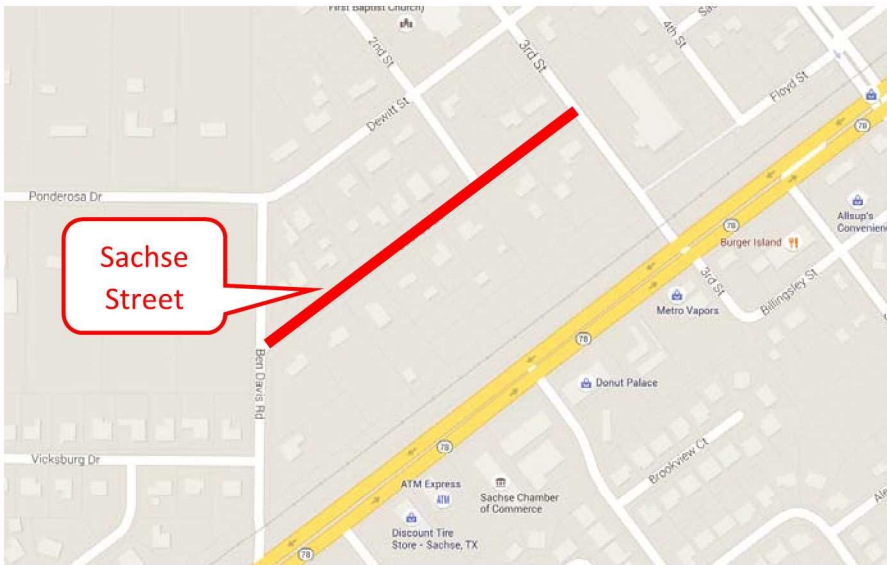
Utility Details

Water: 6" PVC (east side)
Sanitary Sewer: N/A
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$132,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

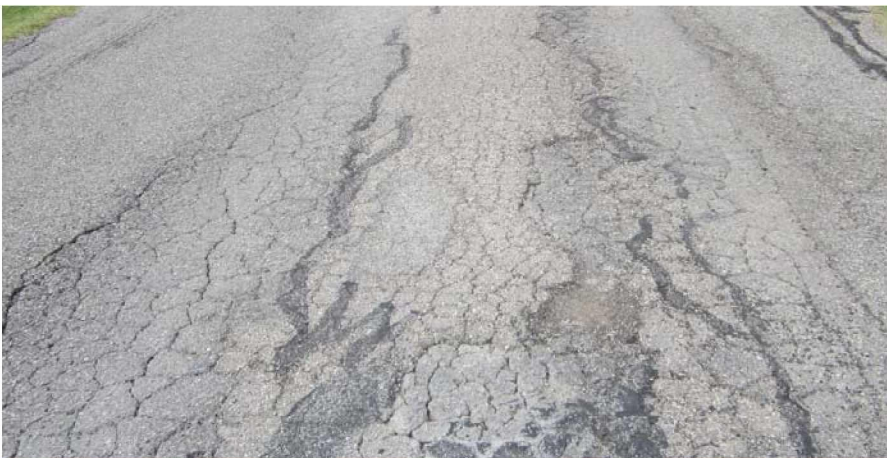
Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

SACHSE STREET

Location

From: Ben Davis
To: 3rd Street

Street Details

Classification: Local
Year Built: N/A
Street Width: 24 ft
Street Length: 1,200 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Loss of surface integrity
PASER Score: 1
Condition Overview: Loss of surface integrity – asphalt is loose and worn away

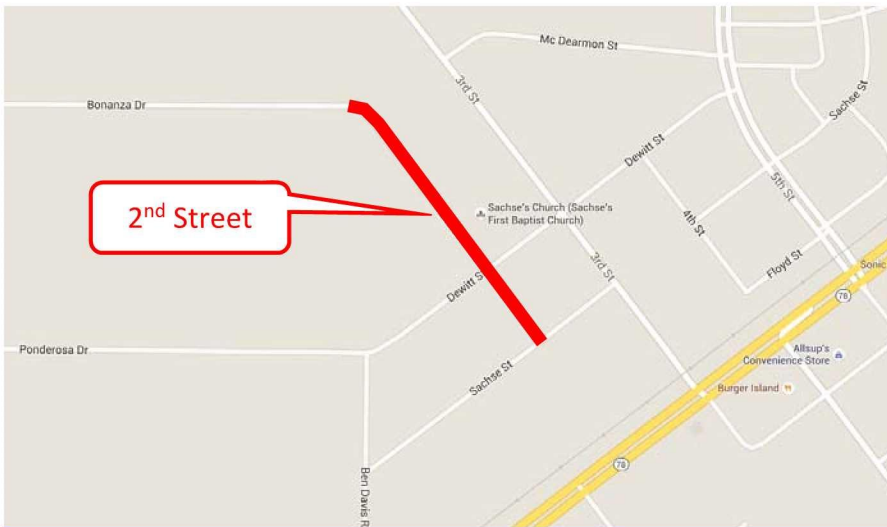
Utility Details

Water: 8" PVC (south side)
Sanitary Sewer: 6" PVC (north side)
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$96,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

2ND STREET

Location

From: Bonanza Drive
To: Sachse Street

Street Details

Classification: Local
Year Built: N/A
Street Width: 24 ft
Street Length: 1,200 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking
PASER Score: 1
Condition Overview: Severe rutting and cracking, surface integrity is lost

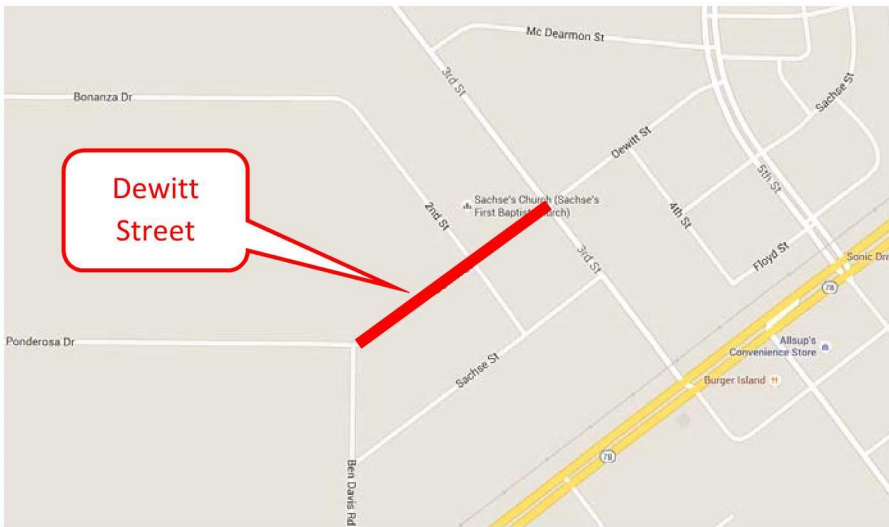
Utility Details

Water: 8" PVC (south side)
Sanitary Sewer: 6" PVC (north side)
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$96,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

DEWITT STREET

Location

From: Ponderosa Trail
To: 3rd Street

Street Details

Classification: Local
Year Built: N/A
Street Width: 24 ft
Street Length: 970 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking
PASER Score: 2
Condition Overview: Alligator cracking and severe rutting

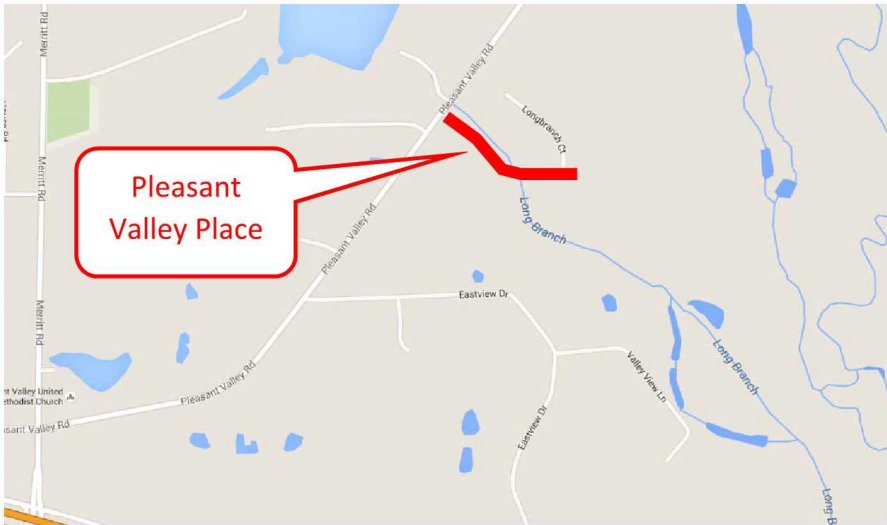
Utility Details

Water: 6" PVC (north side)
Sanitary N/A
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$78,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

PLEASANT VALLEY PLACE

Location

From: Pleasant Valley Rd

To: End

Street Details

Classification: Local

Year Built: 1980

Street Width: 24 ft

Street Length: 1,060 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking

PASER Score: 2

Condition Overview: Alligator cracking and severe rutting

Utility Details

Water: N/A

Sanitary N/A

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$85,000

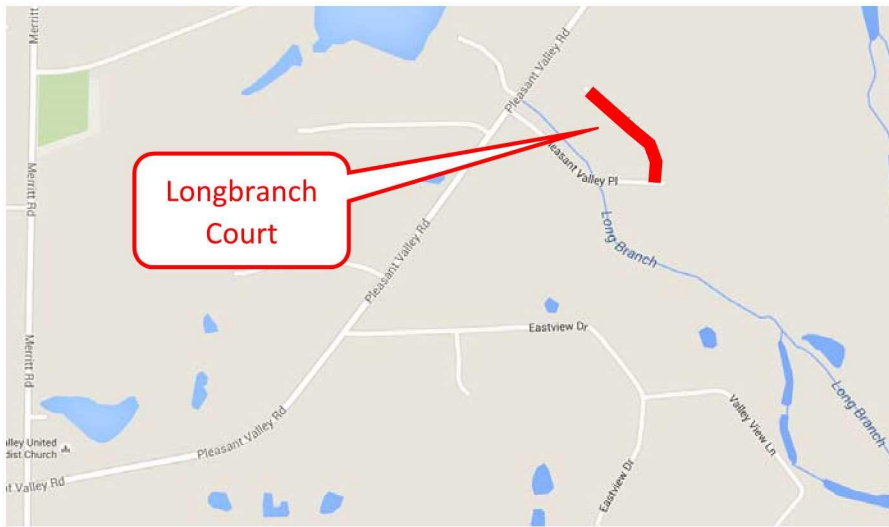
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

Longbranch Court

Location

From: Pleasant Valley Place

To: End

Street Details

Classification: Local

Year Built: 1980

Street Width: 24 ft

Street Length: 770 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking

PASER Score: 2

Condition Overview: Alligator cracking and severe rutting

Utility Details

Water: N/A

Sanitary N/A

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$62,000

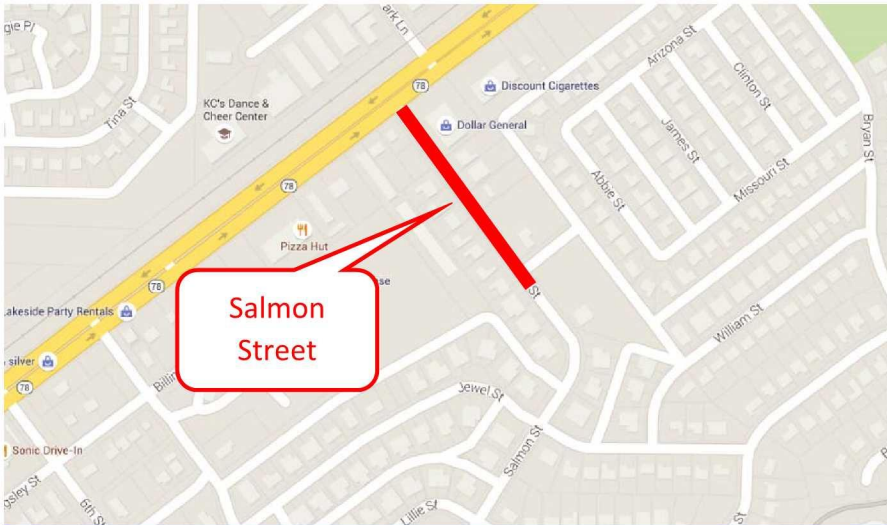
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

SALMON STREET

Location

From: State Highway 78
To: 3407 Salmon St

Street Details

Classification: Local
Year Built: N/A
Street Width: 24 ft
Street Length: 640 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking
PASER Score: 2
Condition Overview: Alligator cracking and severe rutting

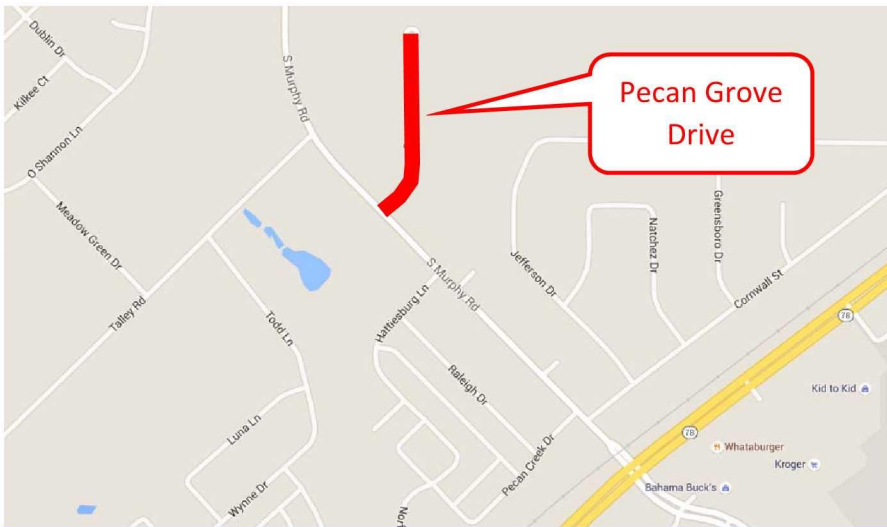
Utility Details

Water: Varies
Sanitary Varies
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$52,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

PECAN GROVE DRIVE

Location

From: Murphy Rd

To: End

Street Details

Classification: Local

Year Built: 1968

Street Width: 24 ft

Street Length: 1,030 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking

PASER Score: 2

Condition Overview: Alligator cracking and severe rutting

Utility Details

Water: 6" PVC (east side)

Sanitary : 6" PVC (west side)

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$83,000

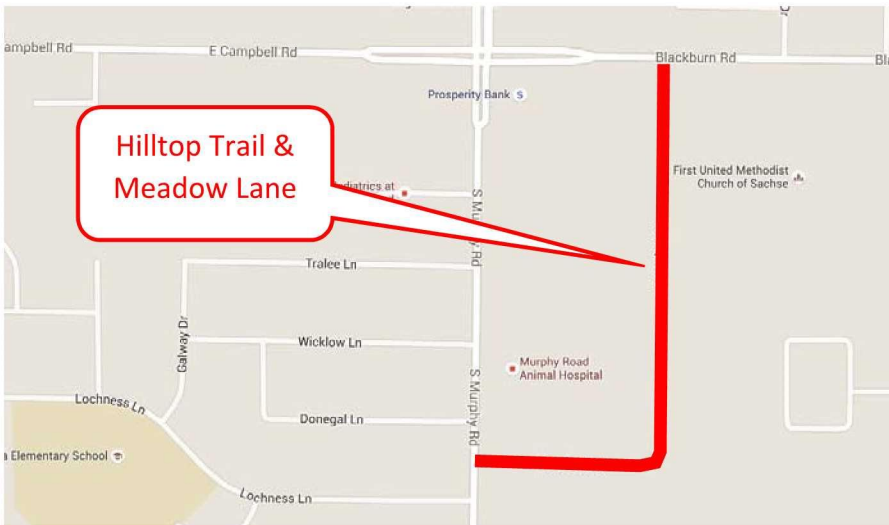
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

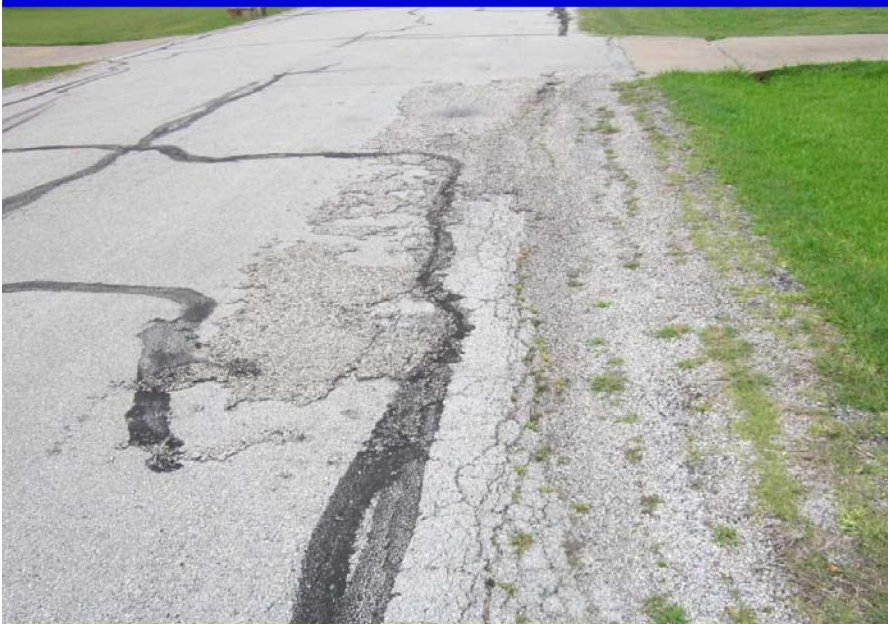
Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

HILLTOP TRAIL & MEADOW LANE

Location

From: Murphy Rd
To: Blackburn Rd

Street Details

Classification: Local
Year Built: 1977
Street Width: 24 ft
Street Length: 2,260 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking
PASER Score: 2
Condition Overview: Alligator cracking and severe rutting

Utility Details

Water: 6" PVC (south and east sides)
Sanitary : 6" PVC (north and west sides)
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$181,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

ANTHONY LANE

Location

From: Williford Rd

To: Bailey Rd

Street Details

Classification: Local

Year Built: N/A

Street Width: 24 ft

Street Length: 2,460 ft

Material Type: Asphalt

Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Rutting and cracking

PASER Score: 3

Condition Overview: Alligator cracking and low to moderate rutting

Utility Details

Water: 6" PVC (south and west sides)

Sanitary : 6" PVC (north and east sides)

Storm: N/A

Recommendations

Action: Full depth replacement

Scope: Mill surface, cement treat subgrade and resurface road.

Anticipated Cost: \$197,000

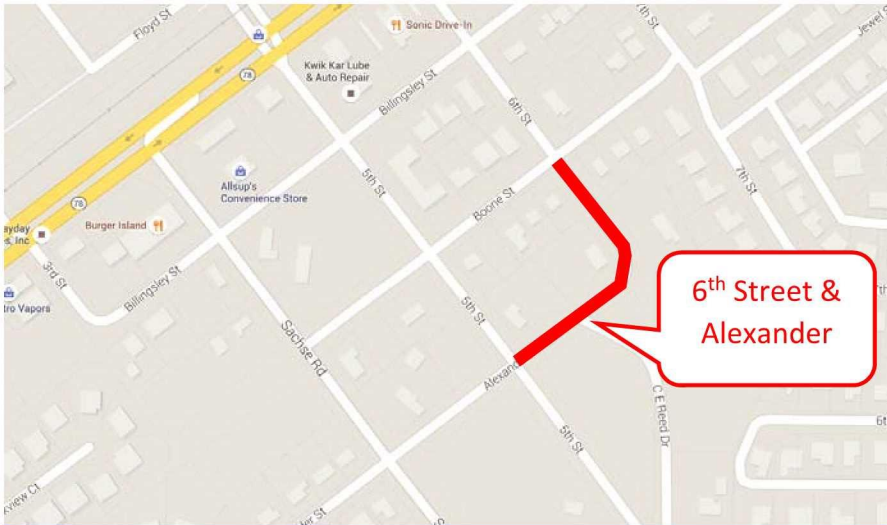
Funding Source: Street

Maintenance Tax

Project Partners: N/A

Funds Available: TBD

Last Update: 2015



LOCATION MAP



SITE PHOTO #1



SITE PHOTO #2

6TH STREET & ALEXANDER

Location

From: Boone St
To: 5th Street

Street Details

Classification: Local
Year Built: N/A
Street Width: 24 ft
Street Length: 660 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Cracking and rutting
PASER Score: 2
Condition Overview: Alligator cracking and severe rutting

Utility Details

Water: 6" PVC (north side)
Sanitary : 6" PVC (south side)
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$53,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



LOCATION MAP

6TH STREET

Location

From: Sachse St
To: 5th Street

Street Details

Classification: Local
Year Built: N/A
Street Width: 24 ft
Street Length: 540 ft
Material Type: Asphalt
Material Details: 5" Asphalt

Pavement Assessment

Failure Type: Loss of surface integrity
PASER Score: 1
Condition Overview: Loss of surface integrity- asphalt is loose and worn away

Utility Details

Water: N/A
Sanitary : N/A
Storm: N/A

Recommendations

Action: Full depth replacement
Scope: Mill surface, cement treat subgrade and resurface road.
Anticipated Cost: \$44,000
Funding Source: Street Maintenance Tax
Project Partners: N/A
Funds Available: TBD

Last Update: 2015



SITE PHOTO #1



SITE PHOTO #2

ID**1528****Department:**

Purchasing for Streets

Vendor Name:

Reynolds Asphalt ✓

Project Name:

11099 Pavement Resurfacing Service - Reynolds - initial contract

Work Order Number(s):**Account Number:**

258111-63030

Contract Amount: ✓

\$2,780,213.00

Implementation Date:

10/1/2011

Termination Date:

9/30/2012

City Council Appr. Date:

9/6/2011

Insurer A Name:

Continental Ins.

Insurer A Expiration:

5/8/2012

Insurer B Name:

Starr ind

Insurer B Expiration:

5/8/2012

Insurer C Name:

Valley Forge Ins

Insurer C Expiration:

5/8/2012

Insurer D Name:**Insurer D Expiration:****Insurer E Name:****Insurer E Expiration:****Return Executed Copy To:**

purchasing interoffice mail

Department Manager Signature:**Date:**

9-15-11

**City Attorney Signature:****Date:**

9/19

City Manager/Deputy City Manager Signature:**Date:**

9/20/11

City Secretary Signature:**Date:**

9/20/11

CONTRACT for SERVICES PRICE AGREEMENT
CITY OF GRAND PRAIRIE

STATE OF TEXAS §
 § KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF DALLAS §

THIS CONTRACT is made and entered into this date by and between the **CITY OF GRAND PRAIRIE**, a Texas municipal corporation (hereinafter referred to as the "CITY"), and **REYNOLDS ASPHALT & CONSTRUCTION CO.** (hereinafter referred to as "VENDOR") and evidences the following:

I. PURPOSE

VENDOR shall provide pavement resurfacing service per bid award resulting from vendor's response to RFB #11099, submitted by Ned Tankersley on August 22, 2011. The parties understand that quantity of services to be furnished to the City is an estimate, and that the City may order more or less, depending on the projects and the work of the City that requires the services. The price of the services shall remain constant throughout the term of contract. If the amount of the services ordered exceeds the estimate, it may be necessary to seek additional approval from the Council or City Manager's Office, as set out in Paragraph IV and VIII herein.

II. DESCRIPTION OF SERVICES

The services which VENDOR shall provide for the CITY shall include the following:

- A. VENDOR hereby covenants and agrees that VENDOR is to work closely with the CITY's Public Works Director or their designee, and/or other appropriate officials of the CITY, and that VENDOR is to perform any and all tasks required of VENDOR to fulfill the purposes of this Contract.
- B. VENDOR and the CITY covenant and agree that VENDOR shall perform all of the services and work contained in CITY specifications and VENDOR'S bid to the CITY (attached hereto as "Exhibit A"); said document being part of this Contract and incorporated in its entirety herein. The parties agree that should there be any conflict between the terms of the incorporated document and this Contract, the provisions of this Contract shall control.
- C. VENDOR expressly covenants and agrees to provide the CITY with such written reports or documentation of guaranties as may be required by the scope of the bid.

III. PERFORMANCE OF WORK

VENDOR or VENDOR'S associates and employees shall perform all the work called for in this Contract. VENDOR hereby covenants and agrees that all of VENDOR'S associates and employees who work on this project shall be fully qualified to undertake same and competent to do the work described in this Contract, and the services performed shall be performed in a good and workmanlike manner, and that the finished product shall be fit for the particular use(s) contemplated by this agreement.

IV. PAYMENT

The CITY shall pay to VENDOR a sum not to exceed those unit prices, or percentage discount from list price where applicable, in the bid for the purchase of services designated herein and in no event shall total payments under the base contract exceed \$2,780,213.00 without additional approval. Invoice must be delivered to the attention of the department placing the order. Payments will be made as work is completed and certification by the City that the work is performed in a good and workmanlike manner within 30 day of certification or receipt of invoice, whichever is later. Payment will be made by means of a City issued check, an ACH, or with a City issued Procurement Card (Mastercard).

V. TERM OF THE CONTRACT

This Contract is for an initial term of one year with the option to renew for four additional one year periods. This Contract is effective as of October 1, 2011, and shall terminate midnight September 30, 2012, at which time all of the work called for under this Contract must be completed unless the parties mutually agree in writing to extend the term of the Contract through allowable renewal option, or, unless otherwise terminated as provided in Paragraph XVI herein.

VI. CONTRACT ASSIGNMENT

VENDOR and the CITY hereby covenant and agree that this Contract provides for services and that these services are not to be assigned or sublet in whole or part without the prior written consent of the CITY.

VII. CONFLICT OF INTEREST

VENDOR hereby covenants and agrees that during the Contract period that VENDOR and any of VENDOR'S associates and employees will have no interest nor acquire any interest, either direct or indirect, which will conflict in any manner with the performance of the services called for under this Contract. All activities, investigations and other efforts made by VENDOR pursuant to this Contract will be conducted by employees or associates of VENDOR. VENDOR further covenants and agrees that it understands that the Code of Ordinances of the City of Grand Prairie prohibits any officer or employee of the CITY from having any financial interest, either direct or indirect, in any business transaction with the CITY. Any violation of this paragraph which occurred with the actual or constructive knowledge of VENDOR will render this Contract voidable by the CITY.

VIII. CHANGE IN WORK

The CITY, through its Purchasing Manager or his chosen agent, may request changes in the scope and focus of the activities and duties called for under this Contract. Any such change which, in the opinion of VENDOR or the CITY varies significantly from the scope and focus of the work set out herein or entails a significant increase in cost or expense to VENDOR must be mutually agreed upon by VENDOR and the CITY. The parties herein acknowledge that any change in the scope or focus of the work which results in the increase in compensation to VENDOR of the fee stated in Paragraph IV hereof must first be approved by the CITY's Purchasing Manager, City Manager or City Council, where applicable.

IX. CONFIDENTIAL WORK

Any reports, designs, plan, information, project evaluations, data or any other documentation given to or prepared or assembled by VENDOR under this Contract shall be kept confidential and may not be made available to any individual or organization by VENDOR without the prior written approval of the CITY except as may be required by law.

X. OWNERSHIP OF DOCUMENTS

VENDOR acknowledges that CITY owns all notes, reports, or other documents, intellectual property or documentation produced by the vendor pursuant to this agreement or in connection with its work which are not otherwise public records. VENDOR acknowledges that CITY shall have copyright privileges to those notes, reports, documents, processes and information.

VENDOR shall provide CITY a copy of all such notes, reports, documents, and information (except to the extent that they contain confidential information about third parties) at CITY expense upon written request.

XI. NONDISCRIMINATION

As a condition of this Contract, VENDOR covenants and agrees that VENDOR shall take all necessary actions to insure, in connection with any work under this Contract, that VENDOR or VENDOR'S associates, sub-vendors, or employees, will not discriminate in the treatment or employment of any individual or groups of individuals on the grounds of race, color, religion, national origin, age, sex, or physical handicap unrelated to job performance, either directly or indirectly or through contractual or other arrangements. In this regard, VENDOR shall keep, retain and safeguard all records relating to this Contract for work performed hereunder for a minimum period of three (3) years from final contract completion, with full access allowed to authorized representatives of the CITY upon request, for purposes of evaluating compliance with this and other provisions of the Contract.

XII. INDEPENDENT VENDOR

By the execution of this Contract, the CITY and VENDOR do not change the independent vendor status of VENDOR. No term or provision of this Contract or any act of VENDOR in the performance of this Contract may be construed as making VENDOR the agent or representative of the CITY. All employees of VENDOR shall perform their duties under the supervision of VENDOR, which shall have the exclusive right to dictate to the VENDOR'S employees how to perform their tasks. VENDOR agrees and covenants that each of its employees will be properly qualified and will use reasonable care in the performance of the assigned duties. VENDOR shall post all applicable warning signs if such work will disrupt normal traffic or workplace activities.

XIII. WARRANTY, HOLD HARMLESS, AND INDEMNITY

VENDOR warrants that the services it performs for CITY will be done in a good and workmanlike manner, and that any items delivered to the CITY under this contract will be fit for the particular purpose for which it was furnished. VENDOR shall defend, indemnify, and hold the CITY whole and harmless against any and all claims for damages, costs, and expenses to persons or property that may arise out of, or be occasioned by, the execution or performance of this Contract or any of VENDOR'S activities or any act of commission or omission related to this Contract of any representative, agent, customer, employee, sub-vendor or invitee of VENDOR or any representative, agent, employee, or servant of the CITY. If an item is covered by a manufacturer's warranty, it is the responsibility of the VENDOR to obtain the information for CITY and to get the manufacturer to honor the warranty.

XIV. INSURANCE

Prior to the commencement of work under this Contract, VENDOR shall obtain and shall continue to maintain in full force and effect during the term of this Contract a comprehensive liability insurance policy, with a company licensed to do business in the State of Texas and rated not less than "A" in the current Best Key Rating Guide, which shall include bodily injury, death, automobile liability and property damage coverage, in accordance with any CITY ordinance or Directive. The minimum limits for this coverage shall be \$1,000,000.00 combined single limit for liability and for property damage, unless modified in accordance with any ordinance or directive. The CITY shall be named as an additional insured under such policy and a provision shall be incorporated in the policy whereby the CITY shall be given at least thirty days prior notice of any material change in coverage or of cancellation of such policy.

XV. NO VERBAL AGREEMENT

This Contract contains the entire commitments and agreements of the parties to the Contract. Any verbal or written commitment not contained in this Contract or expressly referred to in this Contract and incorporated by reference shall have no force or effect.

XVI. TERMINATION

The CITY may, at its option and without prejudice to any other remedy to which it may be entitled at law or in equity, terminate further work under this Contract, in whole or in part, by giving at least thirty (30) days prior written notice thereof to VENDOR with the understanding that all services being terminated shall cease upon the date specified in such notice. The CITY shall equitably compensate VENDOR, in accordance with the terms of this Contract for the services properly performed prior to the date specified in such notice following inspection and acceptance of same by the CITY. VENDOR shall not, however, be entitled to lost or anticipated profits should the CITY choose to exercise its option to terminate.

XVII. VENUE

The parties to this Contract agree and covenant that this Contract will be performable in Grand Prairie, Texas, and that if legal action is necessary to enforce this Contract, exclusive venue will lie in Dallas County, Texas.

XVIII. APPLICABLE LAWS

This Contract is made subject to the existing provisions of the Charter of the City of Grand Prairie, its rules, regulations, procedures and ordinances, present and future, and all applicable laws of the State of Texas and the United States.

XIX. CONTRACT INTERPRETATION

The parties to this Contract covenant and agree that in any litigation relating to this Contract, the terms and conditions of the Contract will be interpreted according to the laws of the State of Texas.

XX. NOTICES

All notices, communications and reports under this Contract must be mailed or delivered to the respective parties at the addresses shown below, unless either party is otherwise notified in writing by the other party:

CITY:

Angi Mize

Buyer ~ Purchasing Division

972/237-8262 Phone ~ 972/237-8265 Fax

amize@gptx.org

City of Grand Prairie

318 W. Main Street, Grand Prairie, TX 75050

PO Box 534045, Grand Prairie, TX 75053-4045

Ronnie Bates

Street Services Manager ~ Public Works - Streets

972/237-8526 Phone ~ 972/237-8533 Fax

rbates@gptx.org

City of Grand Prairie

1821 S. Sh161, Grand Prairie, TX 75052

PO Box 534045, Grand Prairie, TX 75053-4045

VENDOR:

Ned Tankersley, Vice President

817/267-3131 Phone ~ 817/267-7022 Fax

ntankersley@reynoldsasphalt.com

Reynolds Asphalt & Construction Co.

PO Box 370, Euless TX 76039

XXI. SEVERABILITY

In the event that any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof and this Contract shall be considered as if such invalid, illegal, or unenforceable provision had never been contained in the Contract.

XXII. RIGHT OF REVIEW

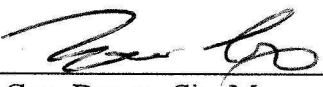
VENDOR covenants and agrees that the CITY, upon reasonable notice to VENDOR, may review any of the work performed by VENDOR under this Contract.

XXIII. WAIVER OF ATTORNEYS FEES

VENDOR and CITY expressly covenant and agree that in the event of any litigation arising between the parties to this contract, each party shall be solely responsible for payment of its attorneys and that in no event shall either party be responsible for the other party's attorney's fees regardless of the outcome of the litigation.

EXECUTED this the 26th day of Sept., 2012

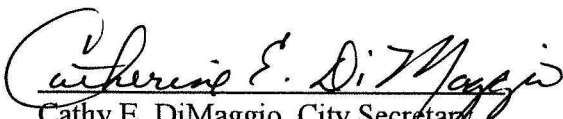
CITY OF GRAND PRAIRIE, TEXAS

By: 
Tom Cox, Deputy City Manager

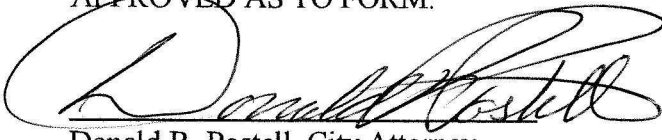
**REYNOLDS ASPHALT &
CONSTRUCTION CO.**

By: 
Printed
Name: Ned Tankersley
Title: Vice President

ATTEST:


Cathy E. DiMaggio, City Secretary

APPROVED AS TO FORM:


Donald R. Postell, City Attorney

RECEIVED

SEP 13 2011

CITY OF GRAND PRAIRIE
PURCHASING

Exhibit A

Solicitation 11099
Pavement Resurfacing Service



City of Grand Prairie

Bid 11099 Pavement Resurfacing Service

Bid Number **11099**
 Bid Title **Pavement Resurfacing Service**

Bid Start Date **Aug 4, 2011 8:37:08 AM CDT**
 Bid End Date **Aug 22, 2011 2:00:00 PM CDT**
 Question & Answer End Date **Aug 18, 2011 5:00:00 PM CDT**

Bid Contact **Angi Mize**
Buyer
Purchasing
972-237-8262
amize@gptx.org

Contract Duration **1 year**
 Contract Renewal **4 annual renewals**
 Prices Good for **Not Applicable**

Bid Comments **It is the intent of this specification to obtain an annual price agreement for the purchase of pavement resurfacing services for the City of Grand Prairie Public Works Street Maintenance Division. The work covered by this specification is for cleaning, preparing surface, placing tack coat and overlaying with HMAC of city streets. All construction shall be in accordance with this specification, NCTCOG and the Texas Highway specification.**

Information, questions or clarification concerning the intent of these specifications will be available from Street Department, Leland Miller, 972-237-8529, or city Purchasing Division, Ms. Angi Mize, 972-237-8262, amize@gptx.org,

Item Response Form

Item **11099-01-01 - HMAC Type D Delivered**
 Quantity **7905 ton**
 Unit Price

67.00

 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 7905

Description

1500 Tons or more of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "D" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item	11099-01-02 - HMAC Type D Delivered less than 1499
Quantity	4656 ton
Unit Price	71.00
Delivery Location	City of Grand Prairie <u>No Location Specified</u>

Qty 4656

Description

500-1499 Tons of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "D" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item	11099-01-03 - HMAC Type D Delivered less than 499
Quantity	1200 ton
Unit Price	76.00
Delivery Location	City of Grand Prairie <u>No Location Specified</u>

Qty 1200

Description

2-499 Tons of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "D" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item	11099-01-04 - HMAC Type C Delivered
Quantity	5400 ton
Unit Price	69.00
Delivery Location	City of Grand Prairie <u>No Location Specified</u>

Qty 5400

Description

1500 Tons or more of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "C" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item	11099-01-05 - HMAC Type C Delivered less than 1499
Quantity	3000 ton

Unit Price **67.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 3000

Description

500-1499 Tons of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "C" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item **11099-01-06 - HMAC Type C Delivered less than 499**
 Quantity **1200 ton**
 Unit Price **72.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 1200

Description

2-499 Tons of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "C" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item **11099-01-07 - HMAC Type B Delivered**
 Quantity **5400 ton**
 Unit Price **55.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 5400

Description

1500 Tons or more of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "B" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item **11099-01-08 - HMAC Type B Delivered less than 1499**
 Quantity **3000 ton**
 Unit Price **58.00**
 Delivery Location **City of Grand Prairie**
No Location Specified

Qty 3000**Description**

500-1499 Tons of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "B" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item **11099-01-09 - HMAC Type B Delivered less than 499**

Quantity **1200 ton**

Unit Price **63.00**

Delivery Location **City of Grand Prairie**
No Location Specified

Qty 1200**Description**

2-499 Tons of Hot Mix Asphalt Concrete pavement delivered and placed by contractor Type "B" surface course furnished and hauled by vendor a maximum of 10 miles from the nearest plant. Laid and furnished as per attached specification. HMAC mix shall not be less than 300 degrees F when placed at the job site.

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City.

Item **11099-01-10 - Additional Mileage Charge**

Quantity **5403 ton**

Unit Price **.40**

Delivery Location **City of Grand Prairie**
No Location Specified

Qty 5403**Description**

Additional mileage hauled beyond the first 10 miles from plant to job site for items 1-9 per ton.

Item **11099-01-11 - Move In Charge**

Quantity **30 each**

Unit Price **500.00**

Delivery Location **City of Grand Prairie**
No Location Specified

Qty 30**Description**

Move in charge for projects under 499 tons

Item **11099-01-12 - Thorough Fare Traffic Control**

Quantity **30 each**

Unit Price **800.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 30

Description

Thoroughfare traffic control setup charge per project

Item **11099-01-13 - Manhole Ring Riser**
 Quantity **603 each**
 Unit Price **75.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 603

Description

Vendor to provide manhole ring riser, placement and adjust to grade

Item **11099-01-14 - Valve Ring Riser**
 Quantity **600 each**
 Unit Price **50.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 600

Description

Vendor to provide valve ring riser, placement and adjust to grade

Item **11099-01-15 - Base Repair**
 Quantity **4500 square yard**
 Unit Price **27.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 4500

Description

Base repair prior to level up and overlay. Locations and limits to be marked by owner and shall include all cost to remove marked area to depth of 10", then replace with compacted flex base 6" depth, then 4" of either Type "B" asphalt to grade.

Item **11099-01-16 - Flex Base Compaction only**
 Quantity **1500 ton**
 Unit Price **14.00**
 Delivery Location **City of Grand Prairie**
No Location Specified
Qty 1500

Description

Owner will provide and deliver flex base to job site. Vendor shall process and compact in place.

Item	11099-01-17 - Recycling 8" Deep
Quantity	13500 square yard
Unit Price	6.25
Delivery Location	City of Grand Prairie <u>No Location Specified</u>
	Qty 13500

Description

Recycling 8" deep, to include 28 lbs per sqyd of Portland Cement, shaping, compacting and grading to grade, then placing a prime coat as per standards 3,000+ sqyd

Item	11099-01-18 - Recycling 8" Deep less than 2999 sqyd
Quantity	9000 square yard
Unit Price	7.00
Delivery Location	City of Grand Prairie <u>No Location Specified</u>
	Qty 9000

Description

Recycling 8" deep, to include 28 lbs per sqyd of Portland Cement, shaping, compacting and grading to grade, then placing a prime coat as per standards 1400-2999 sqyd

Item	11099-01-19 - Recycling 8" Deep less than 1399
Quantity	4200 square yard
Unit Price	8.50
Delivery Location	City of Grand Prairie <u>No Location Specified</u>
	Qty 4200

Description

Recycling 8" deep, to include 28 lbs per sqyd of Portland Cement, shaping, compacting and grading to grade, then placing a prime coat as per standards 2-1399 sqyd

Item	11099-01-20 - Hauling Excess Material
Quantity	6000 cubic yard
Unit Price	14.00
Delivery Location	City of Grand Prairie <u>No Location Specified</u>
	Qty 6000

Description

Hauling excessive material shall be disposed of at the vendors expense in a satisfactory manner 101 cuyd or more

Item **11099-01-21 - Hauling Excess Material less than 100 cuyd**
 Quantity **1200 cubic yard**
 Unit Price **17.00**
 Delivery Location **City of Grand Prairie**
 No Location Specified

 Qty 1200

Description

Hauling excessive material shall be disposed of at the vendors expense in a satisfactory manner 51-100 cuyd

Item **11099-01-22 - Hauling Excess Material less than 50 cuyd**
 Quantity **140 cubic yard**
 Unit Price **21.00**
 Delivery Location **City of Grand Prairie**
 No Location Specified

 Qty 140

Description

Hauling excessive material shall be disposed of at the vendors expense in a satisfactory manner 2-50 cuyd

Item **11099-01-23 - Milling - Wedge**
 Quantity **6000 linear foot**
 Unit Price **2.50**
 Delivery Location **City of Grand Prairie**
 No Location Specified

 Qty 6000

Description

Milling - wedge milling and hauling and disposed at a satisfactory location.

Item **11099-01-24 - Milling - Full Depth**
 Quantity **15000 square yard**
 Unit Price **3.50**
 Delivery Location **City of Grand Prairie**
 No Location Specified

 Qty 15000

Description

Milling - full depth and hauling (surface milling) and disposed at a satisfactory location.

Item **11099-01-25 - Backfill**
 Quantity **12000 linear foot**
 Unit Price **.70**
 Delivery Location **City of Grand Prairie**
 No Location Specified

Qty 12000**Description**

Backfill for the shoulders of the roadway - blade material up to the edge of the new asphalt overlay

Item 11099-01-26 - Pulverization**Quantity** 12000 square yard**Unit Price** 2.00**Delivery Location** City of Grand Prairie
No Location Specified**Qty** 12000**Description**

Pulverization of existing asphalt street to a depth of 8", reshape, grade and compact to grade

SUBMIT TO: CITY OF GRAND PRAIRIE PURCHASING DIVISION 318 W. MAIN STREET GRAND PRAIRIE, TX 75050 P.O. BOX 534045 GRAND PRAIRIE, TX 75053-4045 <i>(Above address is for submittal of hard copy.)</i>	Grand Prairie AN EQUAL OPPORTUNITY EMPLOYER  CITY OF GRAND PRAIRIE, TEXAS REQUEST FOR BID (RFB) 11099
CONTACT PERSON: Angi Mize	TEL: 972-237-8262
TITLE: Pavement Resurfacing Service	SUBMITTAL DEADLINE: 2:00:00 PM CDT Aug 22, 2011
	<i>Any proposals received after the time and date listed above, regardless of the mode of delivery, shall not be accepted.</i>
Company: <u>Reynolds Asphalt & Constr. Co.</u> Contact: <u>Ned Tankersley</u> "Signature": <u>Ned Tankersley</u> Title: <u>Vice President</u>	LABEL THE OUTSIDE OF YOUR SEALED BID WITH THE RFP/RFB NUMBER, THE CLOSING DATE AND TIME, AND YOUR COMPANY NAME AND ADDRESS. <i>(Above is for submittal of hard copy only. This does not apply to electronic bidding.)</i> IF RETURNING AS A "NO BID", PLEASE COMPLETE AND RETURN THE "STATEMENT OF NO BID".
Address (include City, State, Zip): <u>P.O. Box 370</u> <u>Euless, Tx 76039</u>	THE CITY OF GRAND PRAIRIE RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL BIDS IN WHOLE OR IN PART AND WAIVE ANY INFORMALITY IN THE COMPETITIVE BID PROCESS. FURTHER, THE CITY RESERVES THE RIGHT TO ENTER INTO ANY CONTRACT DEEMED TO BE IN THE BEST INTEREST OF THE CITY. IT IS THE INTENT AND PURPOSE OF THE CITY OF GRAND PRAIRIE THAT THIS REQUEST PERMITS COMPETITIVE BIDS. IT IS THE BIDDER'S RESPONSIBILITY TO ADVISE THE CITY OF GRAND PRAIRIE PURCHASING MANAGER IF ANY LANGUAGE, REQUIREMENTS, ETC., OR ANY COMBINATIONS THEREOF, INADVERTENTLY RESTRICTS OR LIMITS THE REQUIREMENTS STATED IN THIS RFP/RFB TO A SINGLE SOURCE. SUCH NOTIFICATION MUST BE SUBMITTED IN WRITING AND MUST BE RECEIVED BY THE PURCHASING MANAGER NO LATER THAN FIVE (5) BUSINESS DAYS PRIOR TO THE ABOVE SUBMITTAL DEADLINE.
Phone: <u>817-267-3131</u>	Fax: <u>817-267-7022</u>
eMail: <u>ntankersley@reynoldsasphalt.com</u>	Web Address: <u>reynoldsasphalt.com</u>
Tax ID #: <u>75-1792271</u>	Date: <u>8/22/11</u>
THE BIDDER HEREBY ACKNOWLEDGES RECEIPT OF AND AGREES ITS OFFER IS BASED ON THE FOLLOWING ADDENDA: #1 ☐ #2 ☐ #3 ☐ #4 ☐ #5 ☐ <i>(Check each applicable addendum)</i>	
The City of Grand Prairie Charter states that no officer or employee of the City can benefit from any contract, job, work or service for the municipality or be interested in the sale to the City of any supplies, equipment, material or articles purchased. Will any officer or employee of the City, or member of their immediate family, benefit from the award of this bid to the above firm? ☐ Yes ☒ No	
By my signature, I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, business entity, or person submitting a bid/proposal for the same materials, supplies, equipment, or service(s), and is in all respects fair and without collusion or fraud. The above signed hereby offers to furnish and deliver the goods and/or services as specified at the prices and terms herein stated and in accordance with the Invitation to Bid, Addendums, General Terms and Condition and Specifications, all of which are made a part of this offer. All pages of the City of Grand Prairie's form, including but not limited to the General Terms and Conditions and Specifications are incorporated by reference into this bid for all purposes.	
By signing, bidder further attests that he has read and understands all terms and conditions as stated in the attached specification and is operating in an authorized capacity to execute this bid/proposal. THIS FORM MUST BE COMPLETED AND RETURNED WITH YOUR RESPONSE.	

**PAVEMENT RESURFACING SERVICE
SPECIFICATION
BID #11099**

1. INTENT

It is the intent of this specification to obtain an annual price agreement for the purchase of pavement resurfacing services for the City of Grand Prairie Public Works Street Maintenance Division. The work covered by this specification is for cleaning, preparing surface, placing tack coat and overlaying with HMAC of city streets. All construction shall be in accordance with this specification, NCTCOG and the Texas Highway specification.

2. HOT MIX ASPHALT CONCRETE PAVEMENT – (HMAC) 64-22

- 2.1** Material and placement must meet specifications in accordance with the latest TxDOT Standard Specifications for Construction of Highways, except that the asphalt content of asphaltic concrete mixtures shall be not less than four percent (4%) and not greater than eight percent (8%).
- 2.2** The mileage haul from plant shall be determined along the nearest and shortest route from the plant to the job site.
- 2.3** Materials laid and finished by the bidder shall be compacted to not less than 96% compaction tested by laboratory based on the Texas Test Method 227F.

3. OVERLAYING OF EXISTING STREETS

- 3.1** The street surface of the existing pavement shall be cleared of grass, weeds, and swept prior to placing of the overlay.
- 3.2** SS1 (emulsion) shall be placed and used prior to placing HMAC overlay and shall cover entire area as per NCTCOG. Contractor shall supply all necessary materials and equipment to tack sub-grade prior to placing HMAC Type "D" surface course as outline in the specification.
- 3.3** Driveways will be resurfaced back to the property line, with clean joint at tie in.

4. TRAFFIC CONTROL

- 4.1** The contractor shall provide construction and maintenance signs, construction lights, barricades, channelizing devices and flagmen as required to provide for the safety of the traveling public. These items shall be in accordance with the recommended practices of the latest version of the Texas Manual on Uniform Traffic Control Devices for Streets and Highways (M.U.T.C.D.).
- 4.2** Traffic control will be broken into the following two categories:
 - 4.2.1** Residential: The contractor will be required to provide all traffic control on residential streets as part of the unit cost.
 - 4.2.2** Thoroughfare: Traffic control on thoroughfares will be paid for as a separate unit cost as provided in the contract. Thoroughfare street work cannot begin prior to 8:45 am and must be clear by 4:30 pm unless prior written approval is given by city.
- 4.3** Construction signs shall not be removed from the project until approved by the city.
- 4.4** No street shall be closed except upon written authority from the city.
- 4.5** At the end of each day, the contractor shall prepare the work to the satisfaction of the city to ensure safe driving at night; and shall place temporary pavement markings and maintain it until the city has approved the final inspection.

- 4.6 Contractor shall submit a traffic control plan for approval four (4) days prior to starting work at any location. All barricades, detour signs for total closure of the street, and all maintenance of signs and removals upon completion of project shall be in accordance with Texas M.U.T.C.D
- 4.7 All street work and closures will require a four (4) day notice to city so it may be publicized in the local paper as necessary.
- 4.8 Contractor shall provide all temporary pavement marking as needed and placed before removal of barricades for the safety of public until permanent markings are installed by owner.

5. UTILITIES

- 5.1 The contractor shall retain full responsibility for adjusting any and all public utilities and protecting same against damage during the life of the project.
- 5.2 The contractor is responsible for arranging all locates within rights-of-ways.
- 5.3 Contractor shall adjust to final grade all existing valves and utilities. The manhole and valve adjustments shall be paid for as per bid pay items. Contractor shall be responsible for providing all manhole rings, valves, lids, etc., for the adjustment/placement to finished grade of street. They shall meet the City Standard Details for design.

6. WATER FOR CONSTRUCTION

- 6.1 The contractor shall pay for water for the project. The contractor will be required to make application and deposit for a construction meter with the Utility Services Division.

7. START OF CONSTRUCTION

- 7.1 The successful bidder agrees that projects will begin within seven (7) days of written notice and assurance of work order from the City.
- 7.2 The contractor shall pick up two portable (2) signs from city Street Department and place at each end of their project to inform citizens that this is a Sales Tax Project. Signs shall be returned to the Street Department at the completion project. Signs shall not be removed until contractor has permission by the City.

8. MATERIAL TICKETS

- 8.1 The contractor shall provide the city with copies of all material tickets and certified weight tickets incorporated in the job on a daily basis. This requirement must be met to ensure quality control and quality assurance and proper payment to contractor. Any failure to provide tickets by the end of the day will result in the stoppage of the next day's planned activities and/or non-payment of work until tickets are provided.

9. PRIVATE PROPERTY CONCERNS

- 9.1 It shall be the contractor's responsibility to relocate any mailboxes and vehicles as may be necessary during the various stages of the projects.
- 9.2 It shall be the contractor's responsibility to cooperate with the property owners on all construction work to be performed.
- 9.3 Contractor shall not use property owner's water or place temporarily sanitation facilities on private property.

- 9.4 Proper sanitation requirements for contractor's employees shall be provided by contractor at no cost to the city or private property owners.
- 9.5 All private agreements between the contractor and property owners are not binding on the city of Grand Prairie.
- 9.6 Doorhangers will be provided by the city for the contractor to distribute to the property owners. All doorhangers must be handed out a minimum of 72 hours prior to construction beginning, at the contractors expense and as requested by city.

10. BACKFILL AND CLEANUP

- 10.1 After the new asphalt is in place, compacted, temporarily striped (tabs or tape), cleaned up and approved by owner, then street can be opened to traffic.
- 10.2 All areas disturbed by the contractor will be returned to their original condition to include grass, sprinkler systems, etc.
- 10.3 Contractor shall complete all backfilling and clean up within ten (10) business days of completing the placement of 2" HMAC.
- 10.4 All excavated earth in excess of that required for back filling shall be removed from the job site and disposed of, at contractor's expense, in a satisfactory manner except in locations where, in the judgment of the City and property owner, it can be neatly spread over the adjacent area.

11. UNSATISFACTORY WORK

- 11.1 The city shall not pay for work that is deemed not meeting minimum specifications. The contractor will be given a reasonable opportunity to correct the deficiency. Failure of the contractor to correct the deficiency will be ground for non-compliance and termination of the contract and/or non payment.

12. MSDS SHEETS

- 12.1 MSDS Sheets must be provided with products where applicable

13. FINAL INSPECTION

- 13.1 Whenever the work provided for, and contemplated under, the contract has been satisfactorily completed and the final clean up performed, the representative authorized to accept same will make the "Final Inspection". Such inspection will be made within ten (10) days after written notification. After final inspection, if the work is found to be satisfactory, the contractor will be notified in writing of the acceptance of same. No time charge will be made against the contractor between said date of notification of the representative in charge and the date of final inspection of the work.

14. WORK ZONE MAINTENANCE

- 14.1 It shall be the sole responsibility of the contractor to maintain the work zones during all phases of construction. This will included any repair or maintenance work needed due to delays from weather, scheduling, etc.

15. WORKING HOURS

15.1 No street, lane, or alley closures will be allowed on weekends or holidays (listed below) and working times are 7:00 am to 5:00 pm (except on major thoroughfares) Monday through Friday. Except as herein written in specifications.

15.2 Holidays

15.2.1 New Years Day – January 1

15.2.2 Martin Luther King's Birthday – January 15

15.2.3 Memorial Day – Last Monday in May

15.2.4 Independence Day – July 4

15.2.5 Labor Day – First Monday in September

15.2.6 Thanksgiving – Fourth Thursday and Friday in November

15.2.7 Christmas – December 24th & 25th

16. WARRANTY

All work performed under this contract for the City of Grand Prairie shall be warranted for a period of two years. If within two years, after acceptance of work, any of the work is found to be defective or not in accordance with the contract documents, the contractor shall correct it promptly after receipt of written notice from the owner.

17. BID SUBMITTAL

Prices shall be filled in and extended where applicable. In the event of discrepancy between the unit price and the extended price, the unit price shall prevail.

18. AGREEMENT TERMS AND AWARD

The price agreement shall be for an initial period of one year with four, one year renewal options. The price agreement shall be awarded to vendor submitting the most responsible bids deemed to be in the best interest of the City. The City of Grand Prairie reserves the right to accept or reject any and all bids in whole or in part and waive any informality in the competitive bid process. Further, the city reserves the right to enter into any contract deemed to be in the best interest of the city. The purpose of the price agreement is to have a set price for each project involved in the pavement, repair and replacement program for the year, and for labor and materials in public works projects on behalf of the City of Grand Prairie. The parties agree to perform and work in a manner that will result in the maximum amount of repairs and work being performed, in a timely manner as determined by the City of Grand Prairie.

19. BID EVALUATION – BEST VALUE

The City of Grand Prairie shall award the bid to the bidder who provides goods or services at the best value for the City. In determining the "best value", the following criteria will be considered as amended in section 252.043 of the Texas Local Government Code:

19.1 Price - 40 points

The bidder with the lowest total cost receives the maximum score. The bidder with the next lowest total cost receives points based on dividing the next lowest total cost into the lowest total cost and multiplying that percentage by the available points. For example, assume 4,500 is the low offer, then that bidder would receive 40 points ($4500/4500=1.00 \times 40=40$). Assume 4,500 is the next low offer, then that bidder would receive 36 points ($4500/5000=0.9 \times 40=36$), etc.

19.2 Reputation - 30 points

Points will be the maximum percentage value given to the bidder with the greatest experience in similar settings and information provided by the bidder's references. The bidder's point value will be based on their measured score (1-10)

19.3 Past Relationship with the city of Grand Prairie or other Municipalities - 20 points
Points will be the maximum point value given to the bidder. The bidder's point value will be based upon their measured score. (1-10)

19.4 Safety Record - 10 points
Points will be the maximum point value given to the bidder. The bidder's point value will be based upon their measured score. (1-10)

20. REFERENCES

Bidder shall submit a minimum of six (6) references. References will be checked, be sure all information is up to date and correct. ***Giving out of date information could result in a poor response therefore reducing your best value score. Please provide references from individuals who use your service/product.***

21. INTER-LOCAL AGREEMENTS

Bidder shall state in the space provided on the bid sheet whether they will agree to other governmental entities entering into inter-local agreements on this price agreement at the same prices and conditions with the exception of deliveries being ordering agencies location as opposed to within the city limits of Grand Prairie.

22. ORDERS AND INVOICING

Orders will be placed by the Public Works Street Department. A Purchase Order Number is required for all purchases. All invoices must be clearly marked with Purchase Order Number in order to be processed. Separate invoices will be required for each individual order and shall be mailed to 1821 W. SH161, Grand Prairie, TX 75052. As a Municipal Government, the City of Grand Prairie is exempt from all sales and excise taxes. **DO NOT INCLUDE TAXES** in price bid. Tax Exemption Certificates will be issued to successful vendor(s) upon request.

23. ESTIMATED USAGE

Estimated one-year quantities are given. Estimated usage shall not constitute an order, but only implies the probable quantity the city will use. The City reserves the right to increase or decrease quantities with no increase in cost to the City. The Streets Manager shall designate the work to be performed at any time by contractor, with the estimate of the price of such work, and shall direct each contractor to perform tasks within the designated projects and streets. The Contractor acknowledges that there are other Contractors performing under a separate Price Agreement for other pavement needs within the same project.

24. USAGE REPORTS

Annual usage reports by item are highly desired. A bidder's capability to provide these reports will be considered in the evaluation of the lowest and best bid. Bidder shall state capability to provide these reports in the space provided on the bid sheet.

25. DELIVERY

Supplies shall be bid as FOB Destination and price bid must include delivery to the City of Grand Prairie Grand Prairie, Texas 75050.

26. INSURANCE AND DAMAGES

The awarded vendor shall provide and maintain in force, at no cost to the City, all necessary insurance coverage as required by law, for the life of the price agreement and any subsequent extensions. The awarded vendor shall indemnify and hold harmless the City against any and all loss, damage, and expense for any injury to persons or damage to property arising out of or in connection with the manufacturing, delivery, or use of this product.

27. PAYMENT

The services furnished in accordance with this specification will be paid for at the unit price bid within 30 days of receipt of good or invoice, whichever is later unless the on-line ordering option and/or procurement card payment option is utilized.

28. TERMINATION

Price agreement may be terminated by the City for poor or non-performance by vendor after a 30 day written notice to make improvements and requested improvements were not made. Price agreement may be terminated by either the vendor or the City at any time without cause with a written 30 day notice of intent to terminate.

29. PRICE RE-DETERMINATION

Price re-determination shall only be considered by the city 45 days prior to the anniversary date of initial contract award and subsequent renewals and shall be substantiated in writing (i.e. Manufacturer's direct cost, postage rates, Railroad Commission rates, Federal/State minimum wage law; Federal/State unemployment taxes; F.I.C.A.; Insurance Coverage rates, etc.). The city of Grand Prairie reserves the right to reject any/all of the price re-determination as it deems to be in the best interest of the city.

30. PAYMENT AND MAINTENANCE BONDS

Each Contractor shall have in effect a Payment Bond and Performance Bond to cover the costs of all of the projects in which they are currently performing services. At a minimum, each Contractor shall have a Payment Bond and Performance Bond in the amount of \$500,000.00. IF the total cost of all of the public works in progress exceeds such amount of the Bonds, then the Contractor will be required to get additional Bonds so that all costs of all of the projects currently in progress will be covered. The Bonds will be worded such that they cover all of the public works that are covered by specific terms of this price agreement, whether each street or project is separately designed on such bond. The Streets Division of the City of Grand Prairie shall work with the Contractor to calculate the costs of all of the projects in progress at any time. If the total amount of costs for the work in progress is greater than the amounts of Performance and Payment Bonds in effect, the Contractor shall either increase amount of bonds or reduce the amount of work in progress at any time.

The Maintenance Bond will be in the cumulative amount of payments made to each individual Contractor, or there will be a separate Maintenance Bond for each public work, at the option of each Contractor, but such bond shall remain in effect for two years from the date of acceptance of each project.

31. CONTACTS

Information, questions or clarification concerning the intent of these specifications will be available from the Street Department, Leland Miller, 972-237-8529, or the city Purchasing Division, Ms. Angi Mize, 972-237-8262, amize@gptx.org, Monday - Friday, between 7:30 AM and 4:00 PM.

Pavement Resurfacing Service 11099**BIDDER REFERENCES**

List three (3) references, other than city of Grand Prairie, who can verify your performance as a vendor, (this should not include buyers) Performance should include goods or services, similar to those in this bid, within the last twenty-four (24) months. References will be checked, be sure all information is up to date and correct. *Giving out of date information could result in a poor response therefore reducing your best value score.*

1. Company Name: City of Lewisville

Address: 1100 N. Kealy St. Suite C 75053

Contact Person: Ron Carson

Phone/Fax: 972-219-3511 / 972-219-3508

Email: rcarson@cityoflewisville.com

Description of work:

Stabilization & Asphalt Paving

2. Company Name: City of Arlington

Address:

Contact Person: Bill Bateman

Phone/Fax: 817-959-5935 /

Email:

Description of work:

Stabilization & Asphalt Paving

bill.bateman@arlingtontx.gov

3. Company Name: City of DeSoto

Address:

Contact Person: Clark Davis

Phone/Fax: 214-537-6998 /

cdavis@ci-desoto.tx.us

Email:

Description of work:

Stabilization & Asphalt Paving

CONFLICT OF INTEREST QUESTIONNAIRE**FORM CIQ****For vendor or other person doing business with local governmental entity****This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session.****OFFICE USE ONLY**

Date Received

This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the person meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person knowingly violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

1 Name of person who has a business relationship with local governmental entity.

Ned Tankersley

2 ☐ Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

3 Name of local government officer with whom filer has employment or business relationship.

N/A
Name of Officer

This section (item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

☐ Yes ☒ No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

☐ Yes ☒ No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

☐ Yes ☒ No

D. Describe each employment or business relationship with the local government officer named in this section.

			
4	<table border="0" style="width: 100%;"><tr><td style="width: 60%; text-align: center;"> <i>Red J. Jenkins</i> Signature of person doing business with the governmental entity</td><td style="width: 40%; text-align: center;"> 8/22/11 Date</td></tr></table>	<i>Red J. Jenkins</i> Signature of person doing business with the governmental entity	8/22/11 Date
<i>Red J. Jenkins</i> Signature of person doing business with the governmental entity	8/22/11 Date		

Adopted 06/29/2007

Company Represented Reynolds Asphalt & Constr. Co.



**CITY OF GRAND PRAIRIE
COOPERATIVE INTERLOCAL PURCHASING FORM**

Should other Government Entities decide to participate in this contract, would you, the Vendor, agree that all terms, conditions, specifications, and pricing would apply?

Yes ☒ No ☐

If you, the Vendor checked yes, the following will apply: Government Entities utilizing Inter-Governmental Contracts with the City of Grand Prairie will be eligible, but not obligated, to purchase goods and services under this contract (s) awarded as a result of this bid. All purchases by Governmental Entities other than the City of Grand Prairie will be billed directly to that Governmental Entity and paid by that Governmental Entity. The City of Grand Prairie will not be responsible for another Governmental Entity's debts. Each Governmental Entity will order their goods and services as needed.

**BY SIGNING BELOW, YOU SIGNIFY THAT YOU HAVE READ ABOVE COOPERATIVE
INTERLOCAL GUIDELINES AND AGREE TO THE TERMS AND CONDITIONS HEREIN.**

Bid Title: Pavement Resurfacing Service	Bid Number: 11099
Company Name and Address	Signature of Authorized Agent and Title
Reynolds Asphalt & Gravel Co.	Ned Tankersley
P.O. Box 370	Ned Tankersley
Euless, TX 76039	Vice President
Telephone No.: 817-267-3131	Date: 8/22/11

L: spec/forms
7/15/2011 MD

**MINORITY/HISTORICALLY UNDERUTILIZED BUSINESS
(HUB) QUESTIONNAIRE**

A Minority/HUB business is one in which at least 51% of the business is owned, operated, and actively controlled and managed by a minority or woman. Some exceptions are: 1) Sole Proprietorships are required to be 100% owned and controlled by a minority or woman and 2) each entity within a Joint Venture is required to be a HUB.

It is a goal of the City of Grand Prairie to provide equal opportunity for all businesses that want to supply goods and/or services to the City.

In an effort to promote bid opportunities to Minority/HUB vendors that are not on the distribution list for bids, the City searches the State of Texas Master Bid List for HUB vendors to include in the distribution of Notices for Bid. For information on becoming a HUB certified vendor with the State of TX, contact (512) 463-5872.

The City cannot give preference in a bid evaluation to a vendor on the basis of Minority/HUB status. However, we would appreciate it if you would take a moment to complete the following so that we may statistically track our progress:

1. Is company certified by the State of Texas as a HUB?

☐ Yes ☒ No

If yes, please state Certification Number:

2. Is company certified by NCTRCA as a Minority Business?

☐ Yes ☒ No

3. Is company certified by any other agency as a Minority Business?

☐ Yes ☒ No

If yes, what agency/agencies?

4. Is company a self designated Minority Business?

☐ Yes ☒ No

5. Which of the following groups qualifies your company as a Minority/HUB? (If Women is qualifier, include ethnicity also).

☐ Asian-Pacific Americans - which includes persons whose origins are from Japan, China, Taiwan, Korea, Vietnam, Laos, Cambodia, the Philippines, Samoa, Guam, the U.S. Trust territories of the Pacific and the Northern Marinas; Subcontinent Asian Americans whose origins are from India,

Pakistan, Bangladesh, Sri Lanka, Bhutan or Nepal;

☐ Black Americans - which includes persons having origins in any of the Black racial groups of Africa;

☐ Hispanic Americans - which includes persons of Mexican, Puerto Rican, Cuban, Central or South American, Spanish or Portuguese culture or origin, regardless of race;

☐ Native Americans - which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians; and

☐ Women - which includes all, American women of any ethnicity.

Company Responding: Reynolds Asphalt & Constr. Co.

THANK YOU!

PURCHASING DIVISION P.O. BOX 534045 GRAND PRAIRIE, TX 75053-4045 972/237-8269 FAX 972/237-8265

EXHIBIT B**PERFORMANCE BOND**

STATE OF TEXAS

COUNTY OF []

KNOW ALL MEN BY THESE PRESENTS:

That [] of the City of [], County of [], and State of [], as Principal, And [] authorized under the laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto the City of Grand Prairie (Owner), in the sum of (\$ []) Dollars as a proper measure of liquidated damages, for payment whereof, the said Principal and Surety bind themselves and their heirs, administrators, executors, successors and assigns, jointly and severally, by the presents:

WHEREAS, the Principal has entered into a certain written contract with the OWNER, dated the [] day of [], 20[], to which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall pay all claimants supplying labor and materials to him or a subcontractor in the prosecution of the work provided for in said contract, then this obligation shall be void; otherwise to remain in full force and effect;

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Article 5160 of the Revised Civil Statutes of Texas as amended and all liabilities on this bond shall be determined in accordance with the provision of said Article to the same extent as if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change, extension of time, alteration or addition to terms of the contract, or to work performed thereunder, or the plans, specifications or drawings accompanying the same, shall in anywise affect its obligation on this bond and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract, or to the work to be performed thereunder.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument the [] day of [], 20[].

[]
PRINCIPAL

By: []

Title: []

Address: []

[]
SURETY

By: []

Title: []

Address: []

Name and address of the Resident Agent of Surety is: []

EXHIBIT C**PAYMENT BOND**

STATE OF TEXAS

COUNTY OF []

KNOW ALL MEN BY THESE PRESENTS:

That [] of the City of [], County of [], and State of [], as Principal, And [] authorized under the laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto the City of Grand Prairie (Owner), in the sum of [] Dollars (\$[]) for the payment whereof, the said Principal and Surety bind themselves and their heirs, administrators, executors, successors and assigns, jointly and severally, by the presents:

WHEREAS, the Principal has entered into a certain written contract with the OWNER, dated the [] day of [], 20[], to which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall pay all claimants supplying labor and materials to him or a subcontractor in the prosecution of the work provided for in said contract, then this obligation shall be void; otherwise to remain in full force and effect;

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Article 5160 of the Revised Civil Statutes of Texas as amended and all liabilities on this bond shall be determined in accordance with the provision of said Article to the same extent as if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change, extension of time, alteration or addition to terms of the contract, or to work performed thereunder, or the plans, specifications or drawings accompanying the same, shall in anywise affect its obligation on this bond and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract, or to the work to be performed thereunder.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument the [] day of [], 20[].

[]

PRINCIPAL

By: []

Title: []

Address: []

[]

SURETY

By: []

Title: []

Address: []

Name and address of the Resident Agent of Surety is:

[]

MAINTENANCE BOND

STATE OF TEXAS

COUNTY OF [REDACTED]

KNOW ALL MEN BY THESE PRESENTS:

That [REDACTED] of the City of [REDACTED], County of [REDACTED], and State of [REDACTED], as Principal, and [REDACTED] a corporation authorized under the laws of the State of Texas to act as surety on bonds for principals, do hereby acknowledge themselves to be held and firmly bound to pay unto the City of Grand Prairie (Owner), a municipal corporation of the State of Texas, its successors and assigns, at Grand Prairie, Dallas County, Texas, the sum of [REDACTED] Dollars (\$[REDACTED]), 100% of the total amount of the contract for the payment of which sum said Principal and Surety bind themselves and their heirs, administrators, executors, successors and assigns, jointly and severally, by the presents:

This obligation is conditioned, however, that:

WHEREAS, the Principal has entered into a certain written contract with the OWNER, dated the [REDACTED] day of [REDACTED], 2[REDACTED], to [REDACTED] which contract and the plans and specifications therein mentioned, adopted by the City of Grand Prairie, are filed with the City Secretary of said City and are hereby expressly incorporated herein by reference and made a part hereof as though the same were written and set out in full herein, and

WHEREAS, under the said plans, specifications and contracts, it is provided that the Contractor will maintain and keep in good repair the work therein contracted to be done and performed for a period of two (2) years from the date of acceptance thereof and perform all necessary work toward the repair of any defective condition growing out of or arising from the improper construction of the improvements contemplated by the said Contractor on account of any breaking of such improvements, caused by the said Contractor on constructing the same, it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective material, work or labor performed by said Contractor, and in case the said Contractor shall fail to repair, reconstruct or make said improvements it is agreed that the City may do said work in accordance with said contract and supply such materials and charge the same against the said Contractor and its surety on this obligation, and said Contractor and surety shall be subject to the damages in said contract for each day's failure on the part of said Contractor to comply with the terms and provisions of said Contract and this bond.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Contractor shall perform its agreement to maintain said construction and keep same in repair for the maintenance period of two (2) years as herein and in said contract provided, then this obligation shall be null and void and have no further effect; otherwise, to remain in full force and effect;

It is further agreed that this obligation shall be a continuing one against the Principal and Surety and that successive recoveries may be had hereon for successive breaches of the conditions herein provided until the full amount of this bond shall have been exhausted, and it is further understood that the obligation to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or any matter affected from any cause during said time.

IN WITNESS WHEREOF, the said [REDACTED] as Contractor and Principal and the said [REDACTED], Attorney-in-Fact, and the said Attorney-in-Fact has hereunto set his hand this the [REDACTED] day of [REDACTED], 2[REDACTED].

[REDACTED]
PRINCIPAL

[REDACTED]
SURETY

By:

By:

Title:

Title:

Address:

Address:

Attorney-in-Fact

General Conditions of Bidding

1. **INSTRUCTIONS:** These instructions apply to all quotations and become a part of terms and conditions of any bid submitted.
2. **BEST INTEREST:** The City reserves the right to reject any or all responses and to waive formalities. The city also reserve the right to purchase through State awarded contracts or other intergovernmental agreements when it is in the best interest of the city.
3. **QUANTITY:** Bids must be submitted on units of quantity specified.
4. **MAKE-MODEL:** Items must be the best and latest model available of the type specified. Please quote as listed or equal. If item offered is other than as specified, bidder must indicate make, model and part number of product quoted. Complete catalog or brochure showing in detail the item offered must accompany the bid, if available.
5. **SPLIT AWARD:** The City of Grand Prairie reserves the right to award a separate contract to separate vendors for each item/group or to award one contract for the entire bid.
6. **PRICING:** Price(s) quoted must be held firm for ninety (90) days to allow for evaluation unless otherwise noted in this document.
7. **F.O.B./DAMAGE:** Quotations shall be F.O.B. Delivered, Municipal Facility, Grand Prairie, Texas, and shall include all delivery and packaging costs. The City of Grand Prairie assumes no liability for goods delivered in damaged or unacceptable condition. The successful bidder shall handle all claims with carriers, and in case of damaged goods, shall ship replacement goods immediately upon notification by the City of damage.
8. **INVOICES:** Invoices must be submitted by the successful bidder in duplicate to the City of Grand Prairie, Accounting Department, P.O. Box 534045, Grand Prairie, Texas, 75053-4045.
9. **PAYMENT TERMS:** Payment terms are Net 30 unless otherwise specified by the City in this document.
10. **TAXES:** The City of Grand Prairie is exempt from Federal Manufacture's Excise, and State Sales taxes. TAX MUST NOT BE INCLUDED IN BID. Tax exemption certificates will be executed by the City and furnished upon request.
11. **SPECIFICATION-VARIANCES:** Any catalog, brand name, or manufacturer's reference in the Request for Quotation is descriptive and NOT restrictive, and is used to indicate type and quality level desired for comparison purposes unless otherwise noted. Bids on brands of like nature and quality may be considered unless specifically excluded. If bidding on other than reference, bid must certify that the article offered is equivalent to specifications.
12. **SPECIFICATION SAMPLES** The city of Grand Prairie reserves the right to request samples, at vendors' expense, after the bid opening. Samples may be returned if the vendor arranges for postage or pick-up. DO NOT PROVIDE SAMPLES UNLESS REQUESTED.
13. **QUESTIONS** may be directed to Bidsync.com. Answers will be posted on Bidsync.com.

14. **DELIVERY PROMISE-PENALTIES:** Quotations **MUST** show the number of calendar days required to place the materials in the possession of the City. **DO NOT** quote shipping dates. Consistent failure of a bidder to meet his delivery promises without valid reason may be cause for removal from the Bid List.

When delivery delay can be foreseen, the bidder shall give prior notice to the Purchasing Division, who shall have the right to extend the delivery date if reasons for delay appear acceptable. Default in promised delivery, without acceptable reasons, or failure to meet specifications, authorizes the Purchasing Division to purchase the goods elsewhere, and charge any increase in cost and handling to the defaulting bidder.
15. **PACKAGING:** Unless otherwise indicated, items will be new, unused, and in first class condition in containers suitable for damage-free shipment and storage.
16. **DELIVERY TIMES:** Deliveries will be acceptable only during normal working hours at the designated City Municipal Facility.
17. **PATENT RIGHTS:** The vendor agrees to indemnify and hold the City harmless from any claim involving patent right infringement or copyrights on goods supplied.
18. **EVALUATION:** Response to specification is primary in determining the lowest responsible bid.
19. **FUNDING:** The City of Grand Prairie is a home-rule municipal corporation operated and funded on an Oct. 1 to Sept. 30 basis; accordingly, the City reserves the right to terminate, without liability to the City, any contract for which funding is not available.
20. **ASSIGNMENT:** Successful bidder shall not sell, assign, transfer, or convey this contract in whole or in part, without the prior written consent of the Purchasing Division.
21. **INTERLOCAL AGREEMENT:** Successful bidder agrees to extend prices to all entities who have entered into or will enter into joint purchasing Interlocal Cooperation Agreements with the City of Grand Prairie. The City of Grand Prairie has executed Interlocal Agreements, as permitted under Chapter 791 et seq, of the Texas Government Code, with certain other governmental entities authorizing participation in a cooperative purchasing program. The successful offerer may be asked to provide products/services, based upon bid price, to any other participant in the Forum.
22. **AUDIT:** The City of Grand Prairie reserves the right to audit the records and performance of successful bidder during the term of the contract and for three years thereafter.
23. **PROTESTS:** All protests regarding the bid solicitation process must be submitted in writing to the Purchasing Manager within five (5) working days following opening of bids. This includes all protests relating to advertising of bid notices, deadlines, bid opening, and all other related procedures under the Local Government Code, as well as any protests relating to alleged improprieties or ambiguities in the specifications.

This limitation does not include protests relating to staff recommendations as to award of this bid. Protests relating to staff recommendations may be directed to the City Council by contacting the City Secretary. All staff recommendations will be made available for public review prior to consideration by the City Council.
24. **NO BID:** If bidder does not wish to submit a bid at this time but wishes to remain on the bid list for this product/service, please submit a "NO BID" by the same time and at same location as stated for bidding. If a response is not received in the form of a "BID" or "NO BID" for three (3)

consecutive IFB's, a bidder shall be removed from bid list. If however, you choose to "NO BID" this product and/or service and wish to remain on bid list for other commodities and/or services, please state the particular product and/or service under which you wish to be classified. The City of Grand Prairie is very conscious and extremely appreciative of the time and effort you must have expended to submit a bid. We would appreciate you indicating on your "NO BID" response any requirements of this bid request which may have influenced your decision to "NO BID".

25. **WITHDRAWAL OF BIDS:** A bid may not be withdrawn or cancelled by the bidder for a period of ninety (90) days following the date designated for the receipt of bids, and bidder so agrees upon submittal of their bid.
26. **PRESENTATION OF BIDS:** No oral, telegraphic, telephonic, or facsimile bids will be considered. Bids shall be received via Bid Sync or delivered to 318 W. Main Street, Grand Prairie, TX 75050, or mailed to P.O. Box 534045, Grand Prairie, TX 75053-4045.
27. **CHANGE ORDERS:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions, or specifications stated in the resulting contract. All change orders to the contract will be made in writing by the City of Grand Prairie.
28. **ADDENDA:** Any interpretations, corrections, or changes to this Invitation for Bid and Specifications will be made by addenda. Sole issuing authority of addenda shall be vested in the City of Grand Prairie Purchasing Manager. Addenda will be issued via Bid Sync.
29. **MINIMUM STANDARDS FOR PROSPECTIVE BIDDERS:** A prospective bidder must affirmatively demonstrate bidder's responsibility. A prospective bidder must meet the following requirements:
 - A. have adequate financial resources, or the ability to obtain such resources as required;
 - B. be able to comply with the required or proposed delivery schedule;
 - C. have a satisfactory record of performance;
 - D. have a satisfactory record of integrity and ethics;
 - E. be otherwise qualified and eligible to receive an award of a contract. The City of Grand Prairie may request representation and other information sufficient to determine bidder's ability to meet those minimum standards listed above.
30. **BIDDER SHALL PROVIDE** with this bid response, all documentation required. Failure to provide this information may result in rejection of bid.
31. **SUCCESSFUL BIDDER SHALL** defend, indemnify and save harmless the City of Grand Prairie and all its officers, agents and employees and all entities, their officers, agents and employees who are participating in this contract from all suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the successful offerer, or of any agent, employee, subcontractor or supplier in the execution of, or performance under, any contract which may result from bid award. Successful bidder shall pay any judgment with costs which may be obtained against the City of Grand Prairie and participating entities growing out of such injury or damages.
32. **TERMINATION** The City reserves the right to terminate without advance notice for non or poor performance by vendor. Price agreements may be terminated by either the vendor or the City at any time without cause with a written 30-day notice of intent to terminate.
33. **LIQUIDATED DAMAGES:** If the CONTRACTOR fails to complete the contract in the

number of calendar days bid or the calendar date specified in the proposal, a time charge may be made for each calendar day thereafter.

The time set forth in the proposal for the completion of the work is an essential element of the contract. For each calendar day under the conditions described in the preceding paragraph that any work shall remain incomplete after the expiration of the calendar days allowed, an amount per day may be deducted from the money due or to become due the CONTRACTOR, not as a penalty, but as liquidated damages and added expense for the city of Grand Prairie.

34. **TESTING:** Testing may be performed at the request of the City or any participating entity, by an agent so designated, without expense to the City.
35. **REMEDIES:** The successful bidder and City of Grand Prairie agree that each party have all rights, duties, and remedies available as stated in the Uniform Commercial Code and any other available remedy, whether in law or equity.
36. **VENUE:** This agreement will be governed and construed according to the laws of the State of Texas.
37. **SILENCE OF SPECIFICATION:** The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.
38. **NO PROHIBITED INTEREST:** If the bid exceeds \$5,000, bidder acknowledges and represents they are aware of the laws, City Charter, and City Code of Conduct regarding conflicts of interest. The City Charter states in part that "no officer or employee of the City shall have a financial interest, direct or indirect, in any contract with the City, or shall be financially interested, directly or indirectly, in the sale to the City of any land, or rights or interest in any land, materials, supplies or service...."
39. **LOCAL GOVERNMENT CODE** Chapter 271.905 provides that in certain circumstances the city may purchase from "...the bidder whose principal place of business is in the local government if the governing body of the local government determines, in writing, that the local bidder offers the local government the best combination of contract price and additional economic development opportunities..."
40. **PRICE REDETERMINATION:** A price redetermination may be considered by the city of Grand Prairie only at the anniversary date of the contract and must be substantiated in writing. Requests for price redetermination must be received by the City at least 45 days prior to the anniversary date of the price agreement to be considered. The city of Grand Prairie reserves the right to reject any/all price redetermination requests as it deems to be in the best interest of the City.

INSURANCE and INDEMNITY

Insurance

The bidder, acting as an independent contractor, must provide the following insurance, which must be kept in force during the term of the contract. Performance under the contract will not start until this obligation has been met.

<u>TYPE</u>	<u>AMOUNT</u>
1. Workers' Compensation	Statutory
2. Employer's Liability	\$1,000,000
3. Comprehensive General Liability Premises Operations Products Operations Hazard Contractual Insurance	\$1,000,000 (Combined Single Limit)
4. Comprehensive Automobile Liability	\$1,000,000 (Combined Single Limit)

The successful contractor must provide insurance certificates satisfactory to the city of Grand Prairie within ten (10) working days after notification of award. Generally with a carrier authorized to do business in Texas and rated "A" or better in the current Best Key Rating Guide. Failure to supply such insurance shall be a breach of the contract. All policies shall be of the "occurrence type" and the city of Grand Prairie shall be listed as an additional insured (to the extent Contractor/City are indemnified pursuant to the indemnity provisions herein) on all certificates of insurance. Additional Insured Clauses does not apply to Workers' Compensation and Employer's Liability. A waiver of Subrogation Clause, naming the city of Grand Prairie "shall be included" on all types of coverages.

Thirty (30) days prior written notice to the city of cancellation or material change endorsement shall be attached to all policies.

Insurance certificate to be submitted to: Purchasing Division, P.O. Box 534045, Grand Prairie, Texas 75053-4045. Bid number shall be included on certificate.

Indemnity

The successful contractor shall defend, indemnify and save harmless the city of Grand Prairie and all its officers, agents and employees who are participating in this contract from all suits, actions, or other claims of any character, name and description brought for or on account of any negligent act or fault of the contractor, or of any agent, employee, subcontractor or supplier in the execution of, or performance under, any contract which may result from bid award. Successful bidder shall pay any judgment with cost which may be obtained against the city of Grand Prairie and participating entities growing out of such injury or damages.

DRUG-FREE JOBSITE ON CITY CONSTRUCTION PROJECTS.

- I. In the interest of job safety and to protect the general public, other contractors and the CITY's employees from the consequences of accidents that are caused by worker abuse of controlled substances on City construction projects, the bidder certifies by submission of its bid that it will make a good faith effort to maintain a drug-free jobsite, and also certifies that to further this objective it will:
- (a) Establish a controlled substance abuse program that will test for controlled substance use by:
 - (1) Employees utilized by the bidder on this project, as listed in the Prevailing Wage Rate for Municipal Construction, if performance by a person impaired by the effects of a controlled substance, would or could: (i) pose a serious risk of death or personal injury to the employee, fellow employees or other persons in the vicinity; or (ii) compromise the quality of construction in such manner as would impose a significant public safety risk in the use or operation of the City improvement in question;
 - (2) Employees when there is a reasonable suspicion that an employee is using a controlled substance on the jobsite, or off the jobsite in a manner that affects jobsite performance;
 - (3) Employees as part of a voluntary drug testing program; or
 - (4) Employees as part of or as a follow-up to counseling for or rehabilitation from abuse of a controlled substance;
 - (b) Establish a program that will test an employee utilized by the bidder on this project on any position listed in the Prevailing Wage Rate when there is a reasonable suspicion that the employee is impaired by the effects of alcohol on the jobsite;
 - (c) Publish a statement notifying employees that the unlawful manufacture, distribution, selling, dispensing, possession or use of a controlled substance is prohibited on the jobsite and specifying the actions that will be taken against employees for violations of such prohibitions;
 - (d) Establish a drug-free awareness program to inform employees about the dangers of drug abuse on the jobsite, about the bidder's policy regarding a drug-free jobsite, about available counseling and rehabilitation programs, and about the penalties that may be imposed upon employees for drug abuse violations occurring on the jobsite; and
 - (e) Provide a copy of the statement required by subsection (c) to all employees of the bidder who will be involved in performance of the Contract.
- II. Employees who test positive for controlled substance use in one of the tests conducted pursuant to paragraph I.(a), or who are impaired by the effects of alcohol on the jobsite pursuant to paragraph I. (b), shall be considered unfit for purposes of Item 1.31 of the Standard Specifications for Public Works Construction, First Edition 1983, as amended.

- III. For purposes of Section I above, the term "controlled substance" means a drug, substance or immediate precursor listed in Schedules I through V of Subchapter A of the Texas Controlled Substances Act, Tex. Rev. Civ. Stat. Ann. Articles 481.032 – 481.036. These substances include, but are not limited to, marijuana, heroin, LSD, concentrated cannabis or cannabinoids, hashish or hash oil, morphine or its derivatives, mescaline, peyote, phencyclidene (PCP, Angel Dust), opium, opiates, methodone, cocaine, qualudes, amphetamines, "exotic/designer" drugs, benzodiazepines, seconal, codeine, barbiturates, phenobarbital, or valium.
- IV. The bidder shall be solely responsible for the maintenance and administration of the program required in Section I above. Nothing in these provisions shall be construed on the CITY's part as authorizing, permitting or requiring the bidder to engage in conduct that is in violation of the United States or Texas constitutions, that is otherwise illegal or that otherwise constitutes an unreasonable or unlawful invasion of privacy under Texas or Federal law.

Question and Answers for Bid #11099 - Pavement Resurfacing Service

OVERALL BID QUESTIONS

There are no questions associated with this bid. If you would like to submit a question, please click on the "Create New Question" button below.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/9/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Sweeney Company 1121 E. Loop 820 South P. O. Box 8720 Fort Worth TX 76124-0720	CONTACT NAME: PHONE (A/C, No, Ext): (817) 457-6700 FAX (A/C, No): (817) 457-7246 E-MAIL ADDRESS: PRODUCER CUSTOMER ID#:
INSURED Reynolds Asphalt and Construction Company P. O. Box 370 Euless TX 76039	INSURER(S) AFFORDING COVERAGE INSURER A: Continental Ins Co (CNA) INSURER B: Starr Ind (Cas Mkt) INSURER C: Valley Forge Ins Co (CNA) INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: **GENERAL 11-12** REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR TR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			INS 4028760229	5/8/2011	5/8/2012	EACH OCCURRENCE \$ 1,000,000
	☒ COMMERCIAL GENERAL LIABILITY		DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000				
	☐ CLAIMS-MADE ☒ OCCUR		MED EXP (Any one person) \$ 5,000				
	☒ CONTRACTUAL, XCU		PERSONAL & ADV INJURY \$ 1,000,000				
	☒ CROSS LIAB, BFPD		GENERAL AGGREGATE \$ 2,000,000				
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$ 2,000,000
	☐ POLICY ☒ PRO-JECT ☐ LOC						\$
A	AUTOMOBILE LIABILITY			BUA 4028760232	5/8/2011	5/8/2012	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	☒ ANY AUTO		BODILY INJURY (Per person) \$				
	☐ ALL OWNED AUTOS		BODILY INJURY (Per accident) \$				
	☐ SCHEDULED AUTOS		PROPERTY DAMAGE (Per accident) \$				
	☐ HIRED AUTOS		Uninsured motorist combined \$				
	☐ NON-OWNED AUTOS		PIP-Basic \$				
B	UMBRELLA LIAB ☒ OCCUR			SISCCCL01424611	5/8/2011	5/8/2012	EACH OCCURRENCE \$ 10,000,000
	☒ EXCESS LIAB ☐ CLAIMS-MADE		AGGREGATE \$ 10,000,000				
	DEDUCTIBLE		\$				
	☒ RETENTION \$ 0		\$				
			\$				
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC 4028760215	5/8/2011	5/8/2012	☒ WC STATUTORY LIMITS ☐ OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y/N	N/A	E.L. EACH ACCIDENT \$ 1,000,000				
	If yes, describe under DESCRIPTION OF OPERATIONS below		E.L. DISEASE - EA EMPLOYEE \$ 1,000,000				
			E.L. DISEASE - POLICY LIMIT \$ 1,000,000				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

ANNUAL AGREEMENT. CERT HOLDER NAMED ADLN INSURED EXCEPT ON WORKERS COMP WITH WAIVER OF SUBROGATION ON ALL POLICIES AS REQUIRED BY WRITTEN CONTRACT. 30 DAY CANC NOTICE AMENDED TO 10 DAY FOR NON-PAY OF PREMIUM.

CERTIFICATE HOLDER

CITY OF GRAND PRAIRIE
P O BOX 534045
GRAND PRAIRIE, TX 75053-4045

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Charles Sweeney / JOYCE