



AGENDA

City of Lucas City Council Meeting November 1, 2018 7:00 PM

City Hall – Council Chambers 665 Country Club Road – Lucas, Texas

Notice is hereby given that a meeting of the Lucas City Council will be held on Thursday, November 1, 2018 at 7:00 pm at Lucas City Hall, 665 Country Club Road, Lucas, Texas 75002-7651 at which time the following agenda will be discussed. As authorized by Section 551.071 of the Texas Government Code, the City Council may convene into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney on any item on the agenda at any time during the meeting.

Call to Order

- Roll Call
- Determination of Quorum
- Reminder to turn off or silence cell phones
- Pledge of Allegiance

Citizen Input

The Citizen Input portion of the agenda is an opportunity for the public to address the City Council on any subject. By completing a "Request to Speak" form and submitting to the City Secretary, citizens have an opportunity to speak at the City Council meeting. However, in accordance with the Texas Open Meetings Act, the City council cannot discuss issues raised or make any decisions but may refer items to City Staff for research and possible inclusion on a future agenda.

1. Citizen Input (Mayor Jim Olk)

Community Interest

Pursuant to Section 551.0415 of the Texas Government Code, the City Council may report on the following items: 1) expression of thanks, congratulations or condolences; 2) information about holiday schedules; 3) recognition of individuals; 4) reminders about upcoming City Council events; 5) information about community events; and 6) announcements involving imminent threat to public health and safety.

2. Community Interest. (Mayor Jim Olk)

Consent Agenda

All items listed under the consent agenda are considered routine and are recommended to the City Council for a single vote approval. If discussion is desired, an item may be removed from the consent agenda for a separate vote.

3. Consent Agenda:
 - A. Consider approving the minutes of the October 18, 2018 City Council meeting. (City Secretary Stacy Henderson)

- B. Consider adopting Ordinance 2018-11-00886 amending the Code of Ordinances by amending Chapter 10 titled “Subdivision Regulations” by updating and adopting the revised Capital Improvement Plan and Land Use Assumptions; by amending Article 10.02 titled “Impact Fees” by amending Section 10.02.006 titled “Calculation” by renaming Section 10.02.006 “Calculations of Impact Fees” by replacing Subsection (a) of Section 10.02.006 in its entirety with a new Subsection (a) setting forth “road impact fees by land use” and adding a new Subsection (b) setting forth “water impact fees by meter size” and renumbering the remaining sections of Article 10.02.006; by amending Appendix “C” titled “Fee Schedule” by renaming Article 10.000 titled “Road Impact Fees by Land Use” and by adding a chart setting forth road impact fees by land use; by renaming Article 11.000 titled “Water Impact Fees by Meter Size” and by adding a chart setting forth water impact fees by meter size. **(Development Services Director Joe Hilbourn)**

Regular Agenda

4. Discuss results of the Technology and Communication Survey and authorize the formation of a Community Technology Advisory Board for voluntary residents to consider solutions in improving the City’s technology and internet services. **(Special Projects Coordinator Kent Souriyasak)**
5. Consider appointing a member to the initial North Central Texas Council of Governments 9-1-1 Emergency Communications District Board. **(Mayor Jim Olk)**
6. Consider cancelling the December 20, 2018 City Council meeting. **(Mayor Jim Olk)**

Executive Session Agenda

As authorized by Section 551.071 of the Texas Government Code, the City Council may convene into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney regarding any item on the agenda at any time during the meeting. Closed to the public as provided in the Texas Government Code.

7. Executive Session: There are no items scheduled for Executive Session.
8. Adjournment.

Certification

I do hereby certify that the above notice was posted in accordance with the Texas Open Meetings Act on the bulletin board at Lucas City Hall, 665 Country Club Road, Lucas, TX 75002 and on the City’s website at www.lucastexas.us on or before 5:00 p.m. on October 26, 2018.

Stacy Henderson, City Secretary

In compliance with the American with Disabilities Act, the City of Lucas will provide for reasonable accommodations for persons attending public meetings at City Hall. Requests for accommodations or interpretive services should be directed to Stacy Henderson at 972.912.1211 or by email at shenderson@lucastexas.us at least 48 hours prior to the meeting.



City of Lucas City Council Agenda Request November 1, 2018

Requester: Mayor Jim Olk

Agenda Item Request

Citizen Input

Background Information

NA

Attachments/Supporting Documentation

NA

Budget/Financial Impact

NA

Recommendation

NA

Motion

NA



City of Lucas Council Agenda Request November 1, 2018

Requester: Mayor Jim Olk

Agenda Item Request

2. Items of Community Interest.

Background Information

NA

Attachments/Supporting Documentation

NA

Budget/Financial Impact

NA

Recommendation

NA

Motion

NA



City of Lucas

Council Agenda Request

November 1, 2018

Item No. 03

Requester: City Secretary Stacy Henderson, Development Services Director Joe Hilbourn

Agenda Item Request

3. Consent Agenda:
 - A. Consider approving the minutes of the October 18, 2018 City Council meeting.
 - B. Consider adopting Ordinance 2018-11-00886 amending the Code of Ordinances by amending Chapter 10 titled "Subdivision Regulations" by updating and adopting the revised Capital Improvement Plan and Land Use Assumptions; by amending Article 10.02 titled "Impact Fees" by amending Section 10.02.006 titled "Calculation" by renaming Section 10.02.006 "Calculations of Impact Fees" by replacing Subsection (a) of Section 10.02.006 in its entirety with a new Subsection (a) setting forth "road impact fees by land use" and adding a new Subsection (b) setting forth "water impact fees by meter size" and renumbering the remaining sections of Article 10.02.006; by amending Appendix "C" titled "Fee Schedule" by renaming Article 10.000 titled "Road Impact Fees by Land Use" and by adding a chart setting forth road impact fees by land use; by renaming Article 11.000 titled "Water Impact Fees by Meter Size" and by adding a chart setting forth water impact fees by meter size.

Background Information

Agenda Item 3B:

At the October 4, 2018 City Council meeting the City Council approved amending the Road Service Unit Fees and the Water Service Fees. Water impact fees would decrease slightly, and road impact fees would have a slight increase. This keeps the City at three percent or less of the project cost for all City fees. The following updated impact fees are being considered:

- **Road Service Unit of \$1,188.21 per vehicle mile**
(For example, to calculate the impact fee for a single-family home, take the service unit of \$1,188.21 x 4.24 per development unit equaling an impact fee of \$5,038.01)
- **Water Service Unit of \$3,473.00**
(For example, to calculate the impact fee for one-inch water meter take the service unit of \$3,473.00 x 1.4 the AWWA meter ratio equaling an impact fee of \$4,862.20)

Attachments/Supporting Documentation

1. Minutes of the October 18, 2018 City Council meeting.
2. Ordinance 2018-11-00886 adopting impact fees
3. Capital Improvement Plan



City of Lucas Council Agenda Request November 1, 2018

4. Water and Roadways impact fees
5. Letter from Capital Improvement Advisory Committee

Budget/Financial Impact

NA

Recommendation

City Staff recommends approval of the Consent Agenda.

Motion

I make a motion to approve the Consent Agenda as presented.



**City of Lucas
City Council Meeting
October 18, 2018
7:00 P.M.**

City Hall - 665 Country Club Road – Lucas Texas

MINUTES

Call to Order

Mayor Olk called the meeting to order at 7:00 p.m.

City Councilmembers Present:

Mayor Jim Olk
Mayor Pro Tem Kathleen Peele
Councilmember Wayne Millsap
Councilmember Tim Baney
Councilmember Steve Duke
Councilmember Debbie Fisher
Councilmember Philip Lawrence

Staff Present:

City Manager Joni Clarke
City Secretary Stacy Henderson
City Attorney Joe Gorfida
Development Services Director Joe Hilbourn
City Engineer Stanton Foerster
Fire Chief Ted Stephens

Mayor Olk determined that a quorum was present. Everyone was reminded to silence their cell phones and the Pledge of Allegiance was recited.

Citizen Input

1. Citizen Input.

There was no citizen input at this meeting.

Community Interest

2. Community Interest.

Mayor Olk noted that the technology survey was still available online for those that had not yet had an opportunity to take part, and stated that thus far 370 surveys had been received. Mayor Olk also noted that the Forest Creek Park Grand Reopening would be held Saturday, October 27 at 9 am, and the Fall Sweep Cleanup/Arbor Day event would be held on November 3 from 8 am to Noon.

City Manager Joni Clarke announced that the that the City would be celebrating its 60th birthday celebration in February 2019 and would be holding an open house.

Mayor Olk presented a Proclamation declaring the month of October 2018 as Breast Cancer Awareness Month.

Councilmember Fisher stressed the importance of screening and obtaining examinations. She encouraged all women to get routine examines to ensure early detection, and also asked that men encourage their wife, mother or sister to obtain routine examinations as well.

Consent Agenda

3. Consent Agenda.

A. Consider approving the minutes of the October 4, 2018 City Council meeting.

MOTION: A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Duke to approve the Consent Agenda as presented. The motion passed unanimously by a 7 to 0 vote.

Regular Agenda

4. Consider board applications to fill a vacant alternate position on the Parks and Open Space Board.

Councilmember Baney asked that this item be pulled from the regular agenda and placed on the December City Council agenda during the regular appointment process, allowing the Council to review all applications received.

Mayor Olk and City Council were in agreement to table this item to the December 7, 2018 City Council meeting.

5. Consider amending Fiscal Year Budget 2018-2019 and appropriating funds in the amount of \$19,055 for parks repairs to general fund account 11-8211-417; appropriating funds in the amount of \$28,575 for completion of the water meter installation program to water fund account 51-6400-233; and appropriating funds in the amount of \$11,900.50 for bunker gear to general fund account 11-6300-209.

Development Services Director Joe Hilbourn gave a presentation explaining that work was not completed to the Kenneth Lewis Park pavilion, and at the end of the fiscal year unused funds were returned to the General Fund. Staff was requesting to appropriate funds from general fund reserves to complete the project. Mr. Hilbourn noted that the original contract amount was for \$38,110 and approximately 50 percent of the work was completed and paid prior to the end of the fiscal year. Mr. Hilbourn was requesting an appropriation in the amount of \$19,055. Mr. Hilbourn also explained that he was requesting to appropriate funds in the amount of \$28,575 to complete the Neptune water meter installations.

Fire Chief Ted Stephens explained that Fire-Rescue was requesting an appropriation of funds in the amount of \$11,900 to fund the purchase of bunker gear that was ordered and budgeted in fiscal year 17/18, but items were not received until the current budget year.

MOTION: A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to appropriate funds in the amount of \$19,055 for parks repairs to general fund account 11-8211-417; appropriate funds in the amount of \$28,575 for completion of the water meter installation program to water fund account 51-6400-233; and appropriate funds in the amount of \$11,900.50 for bunker gear to general fund account 11-6300-209 in the fiscal year 2018-2019 budget. The motion passed unanimously by a 7 to 0 vote.

- 6. Consider authorizing the City Manager to enter into a contract with TexasBit/APAC/Oldcastle in an amount not to exceed \$109,860 for repairs along Brockdale Park Road as agreed upon in the Agreement between Brockdale Community LLC and the City of Lucas utilizing funds deposited with the City of Lucas by Brockdale Community LLC into a restricted account.**

City Engineer Stanton Foerster explained that he would attempt to have all repairs made to the roadway by November 30; however, the if the contract could not be awarded before this date, repairs would begin in the spring.

MOTION: A motion was made by Councilmember Baney, seconded by Councilmember Millsap to authorize the City Manager to enter into a contract with Texas Bit/APAC/Oldcastle in an amount not to exceed \$109,860 using Restricted Cash Brockdale account 11-1001-50 and Restricted Cash Brockdale account FY 18-19 11-1001-55. The motion passed unanimously by a 7 to 0 vote.

- 7. Discuss and provide direction to the City Manager to 1) establish an advertising, bidding, and construction schedule for the Stinson Road, Blondy Jhune Road, and Winningkoff Road projects and 2) discuss project management options of the Stinson Road, Blondy Jhune Road, Winningkoff Road, and North Pump Station Water Tower projects.**

City Engineer Stanton Foerster updated the City Council on the Stinson Road project from Parker Road to Bristol Park noting that Lakes Engineering had taken over the design project with an estimated completion date for the design and advertising scheduled for December 2018.

Mr. Foerster updated the City Council on the Blondy Jhune Road project from the west bridge to Winningkoff Road. The Council discussed possible traffic routes during construction, access for emergency vehicle routes, and estimated timeline of construction taking approximately 14 months.

Mr. Foerster discussed with the City Council on the Blondy Jhune Road project from the Hendrix Farms subdivision to the west bridge, the Winningkoff Road from the reverse curve to Snider Lane, and the North Pump Station Water Tower projects, and stated that he would like to bid all projects at the same time to obtain better pricing.

Mr. Foerster proposed the hiring of a construction management firm given the size and funding amounts of the proposed projects, and had requested Lakes Engineering develop a proposal to assist the City with project management of all the projects proposed.

The City Council discussed with Mr. Foerster what a construction management firm provided, such as keeping the project on schedule and budget, logging of daily activities and reporting those to City

staff, communicating with the contractor, inspectors and design professionals, and review of all invoicing. The City would provide inspections on all projects. Mr. Foerster noted that construction management of these projects typically cost between 6 to 8 percent of the construction cost.

MOTION: A motion was made by Mayor Olk, seconded by Councilmember Fisher, to authorize the City Manager to establish a schedule to maximize debt opportunities and obtain the most competitive bids for these projects. The motion passed unanimously by a 7 to 0 vote.

Another motion was made by Councilmember Fisher, seconded by Councilmember Millsap to authorize the City Manager to negotiate a construction management agreement with Lakes Engineering for the Stinson Road, Blondy Jhune Road, Winningkoff Road, and North Pump Station Water Tower project. The motion passed unanimously by a 7 to 0 vote.

Executive Session Agenda

8. Executive Session:

A. Pursuant to Section 551.074 of the Texas Government Code, the City Council will convene into Executive Session to discuss the evaluation for the City Manager.

The City Council convened into Executive Session at 7:54 pm.

9. Reconvene into Regular Session and take any action as a result of the Executive Session.

The City Council reconvened from Executive Session at 8:36 pm and took the following action.

MOTION: A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to amend the City Manager's contract to adjust the annual compensation to \$148,000 effective October 1, 2018 and authorize the Mayor to sign the amended contract. The motion passed unanimously by a 7 to 0 vote.

10. Adjournment.

MOTION: A motion was made by Councilmember Millsap, seconded by Councilmember Baney to adjourn the meeting at 8:37 pm. The motion passed unanimously by a 7 to 0 vote.

APPROVED:

ATTEST:

Jim Olk, Mayor

Stacy Henderson, City Secretary



ORDINANCE 2018-11-00886
[AMENDING IMPACT FEES]

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LUCAS, TEXAS, AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 10 TITLED “SUBDIVISION REGULATIONS” BY UPDATING AND ADOPTING THE REVISED CAPITAL IMPROVEMENT PLAN AND LAND USE ASSUMPTIONS; BY AMENDING ARTICLE 10.02 TITLED “IMPACT FEES” BY AMENDING SECTION 10.02.006 TITLED “CALCULATION” BY RENAMING SECTION 10.02.006 “CALCULATIONS OF IMPACT FEES” BY REPLACING SUBSECTION (a) OF SECTION 10.02.006 IN ITS ENTIRETY WITH A NEW SUBSECTION (a) SETTING FORTH “ROAD IMPACT FEES BY LAND USE” AND ADDING A NEW SUBSECTION (b) SETTING FORTH “WATER IMPACT FEES BY METER SIZE” AND RENUMBERING THE REMAINING SECTIONS OF ARTICLE 10.02.006; BY AMENDING APPENDIX “C” TITLED “FEE SCHEDULE” BY RENAMING ARTICLE 10.000 TITLED “ROAD IMPACT FEES BY LAND USE” AND BY ADDING A CHART SETTING FORTH ROAD IMPACT FEES BY LAND USE; BY RENAMING ARTICLE 11.000 TITLED “WATER IMPACT FEES BY METER SIZE” AND BY ADDING A CHART SETTING FORTH WATER IMPACT FEES BY METER SIZE; PROVIDING A REPEALING CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING FOR A PENALTY NOT TO EXCEED TWO THOUSAND DOLLARS (\$2,000.00) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Council of the City of Lucas, Texas previously adopted Ordinance No. 2011-11-00692 which imposed impact fees for water and roadway facilities for the financing of capital improvements required by new development within the City; and

WHEREAS, the City Council contracted with BW2 Engineers, Inc. to review and prepare an update to the land use assumptions and capital improvements plan upon which impact fees are based; and

WHEREAS, in accordance with state law, BW2 Engineers, Inc., a qualified professional engineering firm, has completed such plan and submitted the same to the City Council for review and consideration; and

WHEREAS, the City has provided notices and held public hearings in accordance with State law for the adoption of the Land Use Assumptions and Capital Improvement Plan and the imposition of impact fees for the financing of capital improvements required by new development within the City and the required Advisory Committee has held the required public hearings; and

WHEREAS, the City Council finds that it is in the best interest of the City and its citizens to approve and adopt the revised Land Use Assumptions, Capital Improvement Plan and the Impact Fees associated therewith.

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LUCAS, COLLIN COUNTY, TEXAS:

SECTION 1. That the City Council hereby approves and adopts the Land Use Assumptions and Capital Improvement Plan From 2016 to 2031, a copy of which shall be maintained in the office of the City Secretary and is attached hereto as Exhibit “A”.

SECTION 2. That Chapter 10 titled “Subdivision Regulation” of the City of Lucas Code of Ordinances is hereby amended by amending Article 10.02 titled “Impact Fees” by amending Section 10.02.006 titled “Calculations of impact fees” to read as follows:

“CHAPTER 10

SUBDIVISION

...

ARTICLE 10.02 IMPACT FEES

...

Sec. 10.02.006 Calculations of impact fees

(a) Road Impact Fees. See Appendix C, Section 10.000 titled “Road Impact Fees by Land Use”.

(b) Water Impact Fees. See Appendix C, Section 11.000 titled “Water Impact Fees by Meter Size”.

(c) The city and the owner may enter into an agreement providing that, in addition to the credit, the owner will be reimbursed for all or a portion of the costs of such facilities from impact fees as received from other new developments that will use such capital improvements or facility expansions.

(d) An owner shall be entitled to a credit against any category of impact fee as provided in any written agreement between the city and the owner.

(e) No credit for construction of any facility shall exceed the total amount of impact fees due from the development for the same category of improvements.

...”

SECTION 3. That Appendix C titled “Fee Schedule” is hereby amended by amending Article 10.000 titled “Road Impact Fees by Land Use” and by amending Article 11.000 titled “Water Impact Fees by Meter Size” by adding a chart titled “Water Impact Fees by Meter Size”.

“APPENDICES

...

APPENDIX C

FEE SCHEDULE

...

ARTICLE 10.000 ROAD IMPACT FEES BY LAND USE

Road Impact Fees by Land Use

Land-Use Vehicle-Mile Equivalency Table

Land Use	Dev. Unit	Trip Rate	Trip Length	Veh-Mi Per Dev Unit	x	Impact Fee per Veh-Mi	=	Impact Fee Per Dev Unit
Residential								
Residential	DU	1.01	4.20	4.24	x	\$1,188.21	=	\$5,038.01
Other Not Specified	DU	1.01	4.20	4.24	x	\$1,188.21	=	\$5,038.01
Office								
General Office Building	1000 Sq. ft.	1.49	4.80	7.15	x	\$1,188.21	=	\$8,495.70
Medical/ Dental Office	1000 Sq. ft.	3.72	4.80	17.86	x	\$1,188.21	=	\$21,221.43
Other Not Specified	1000 Sq. ft.	1.49	4.80	7.15	x	\$1,188.21	=	\$8,495.70
Retail/Commercial								
Shopping Center	1000 Sq. ft.	2.48	3.20	7.94	x	\$1,188.21	=	\$9,434.39
Home Improvement Superstore	1000 Sq. ft.	1.72	1.95	3.35	x	\$1,188.21	=	\$3,980.50
Super Market	1000 Sq. ft.	6.69	1.05	7.02	x	\$1,188.21	=	\$8,341.23
Restaurant	1000 Sq. ft.	6.12	1.90	11.63	x	\$1,188.21	=	\$13,818.88
Fast Food with Drive Thru	1000 Sq. ft.	17.32	2.15	37.24	x	\$1,188.21	=	\$44,248.94
Gasoline/Service Station with Cony	Fueling Positions	5.89	0.90	5.30	x	\$1,188.21	=	\$6,297.51
Hotel	Rooms	0.59	3.20	1.89	x	\$1,188.21	=	\$2,245.72
Bank with Drive Thru	1000 Sq. ft.	27.44	1.25	34.30	x	\$1,188.21	=	\$40,755.60
Others Not Specified	1000 Sq. ft.	2.48	3.20	7.94	x	\$1,188.21	=	\$9,434.39
Light Industrial								
General Light Industrial	1000 Sq. ft.	0.98	3.30	3.23	x	\$1,188.21	=	\$3,837.92
Industrial Park	1000 Sq. ft.	0.86	3.30	2.84	x	\$1,188.21	=	\$3,374.52
Mini Warehouse (Self Storage)	1000 Sq. ft.	0.26	3.30	0.86	x	\$1,188.21	=	\$1,021.86
Others Not Specified	1000 Sq. ft.	0.98	3.30	3.23	x	\$1,188.21	=	\$3,837.92
Institutional								
Primary/ Middle School	Students	0.15	2.10	0.32	x	\$1,188.21	=	\$380.23
High School	Students	0.14	2.10	0.29	x	\$1,188.21	=	\$344.58
Day Care Center	Students	0.83	2.10	1.74	x	\$1,188.21	=	\$2,067.49
Church	1000 Sq. ft.	0.66	1.45	0.96	x	\$1,188.21	=	\$1,140.68
Others Not Specified	1000 Sq. ft.	0.66	1.45	0.96	x	\$1,188.21	=	\$1,140.68

ARTICLE 11.000 WATER IMPACT FEES BY METER SIZE

Water Service Unit	AWWA Meter Ratio	Previous Water Impact Fee	Approved Water Impact
5/8" & 3/4" Meters	1.0	\$3,928	\$3,473
1"	1.4	\$5,500	\$4,862
2"	4.0	\$15,714	\$13,892
4"	24.0	\$98,194	\$83,352
6"	50.0	\$204,572	\$173,650
8"	72.0	\$294,583	\$250,056

...”

SECTION 4. That all provisions of the ordinances of the City of Lucas, Texas, in conflict with the provisions of this ordinance be, and the same are hereby, repealed, and all other provisions of the ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 5. 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 thereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a whole.

SECTION 6. This ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such cases provides.

DULY PASSED AND APPROVED BY THE CITY COUNSEL OF THE CITY OF LUCAS, COLLIN COUNTY, TEXAS, ON THIS 1st DAY OF NOVEMBER, 2018.

APPROVED:

Jim Olk, Mayor

APPROVED AS TO FORM:

ATTEST:

Joseph J. Gorfida, Jr., City Attorney
(10-24-2018:TM103758)

Stacy Henderson, City Secretary

EXHIBIT “A”
Land Use Assumptions and Capital Improvement Plan From 2016 To 2031

CITY OF LUCAS
CAPITAL IMPROVEMENT PLAN
From 2016 To 2031

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Introduction

The Capital Improvement Plan (CIP) for the City of Lucas is a valuable part of the community planning process. The CIP links local infrastructure investments with comprehensive plan goals, land use ordinances, and economic development efforts. The CIP bridges the gap between planning and spending as well as between the visions of the comprehensive plan and the fiscal realities of improving and expanding community facilities. The purpose of the CIP policy is to create a fair and consistent process outlining procedures for proposing, evaluating, and adopting capital projects creating long-term benefits.

The CIP is a five-year planning document adopted by the City Council to for capital improvements related City roadway and trail drainage system as well as for the water system infrastructure and facilities. The CIP is not to be confused with the Capital Improvement Budget. The Capital Improvement Budget is prepared each year in conjunction with the annual Operating Budget. It generally includes only those projects from the first year of the CIP funded during the current year and will address additional capital needs that are not included in the CIP, such as equipment and vehicles as recommended by the Vehicle Replacement Committee.

A capital project is defined as having a minimum cost of \$5,000 resulting in 1) the creation of a new fixed asset or 2) enhancement of an existing fixed asset.

Typically, the life expectancy of a capital project is 20 years, but it depends on the classification of the asset. Examples of capital projects include construction or expansion of public buildings, the acquisition of land for public use, planning, water system improvements, sewer mains as defined in the wastewater plan, engineering costs, and street and drainage construction. Example of an enhancement to a fixed asset would be reconstruction or reconditioning of streets.

Goals

The following goals help to insure consistence in establishing CIP:

1. Preserving public health, welfare, and safety - providing the basic services that ensure public health, welfare, and safety is the fundamental responsibility of local government.
2. Anticipating the demands of growth - when related to the comprehensive plan, the capital improvement planning process works to anticipate investments in community facilities and infrastructure which are needed to serve or shape the pattern of growth and development.
3. Supporting economic development - having sound fiscal health, high-quality facilities, and services are attractive to business and potential residents. New corporate investment and reinvestment in a community may be influenced by improvements that enhance the quality of life for their labor force. Private decisions that bring jobs to an area and new taxes to a community are based not only on availability of water and sewer but also upon the quality of schools, public safety, recreational opportunities, and many other services. The City of Lucas has identified two areas for commercial development that are located on its peripheral boundaries to complement the high quality of life and not hinder or negatively impact the quality of life.

4. Developing a fair distribution of capital costs - the CIP process allows for public discussion of the preferred means of distributing capital costs over time. Funding strategies to consider include:
 - a. Annually, the City earmarks funds in the unrestricted fund balance to save for future projects.
 - b. Issuance of debt that is paid by both existing and future users of the facility.
 - c. User fees may be deemed more appropriate than property taxes.
 - d. Federal or state funds may also be available to help finance specific projects.

The CIP process can promote discussion of funding strategies.

5. Avoiding undue tax increases - capital improvement planning is a means of avoiding the unpleasant surprise of expensive projects generating large property tax increases. While cost impacts cannot always be precisely determined in advance, the CIP fosters discussion of the distribution of the tax burden of new capital expenditures over time. A corollary benefit of fiscal stability and sound community facility planning can result in an improved bond rating.

Development Process

The CIP outlines the major utility infrastructure, streets and drainage, facilities, parks, and other improvements needed to serve the citizens, meet growth related needs, and comply with state and federal regulations.

Preparation - the Finance Director coordinates the annual update and adoption of the five-year CIP as a part of the annual budget process. The City Manager will lead the review and prioritization of capital projects for City Council consideration. The Finance Director, City Engineer, Development Services Director, and the City Manager shall prioritize and rank projects according to the criteria listed in the project criteria section. The CIP includes all costs associated with the design, rights-of-way acquisition, and construction of a project, as well as the estimated operating and maintenance costs, which impacts future operating budgets. The following guidelines will be utilized in developing the CIP:

1. Solicit citizen participation in formulating the identification and prioritization of the CIP.
2. Identify capital improvements through system models, repair and maintenance records, and growth demands.
3. Prioritize CIP projects based on input from City staff from all areas related to each project, and its effect on operations.

The CIP will be submitted to City Council for review, revision, and approval. It will be reviewed and revised annually to include updated information.

Control - all capital project expenditures must be appropriated in the capital budget. The Finance Director and City Manager must certify the availability of resources before any capital project contract is presented to the City Council for approval.

Financing Programs - recognizing that long-term debt is usually a more expensive financing method, alternative financing sources will be explored before debt is issued. When debt is issued, it will be used to acquire major assets with expected longevity which equal or exceed the average length of the debt issue. Impact fees, assessments, pro-rata charges, or other fees may be used to fund capital projects.

Reporting - periodic financial reports will be prepared to enable the Department Directors to manage their capital budgets and to enable the Finance Department to monitor and control the budget as authorized. Capital project status reports will be presented to City Council.

Capital Improvement Plan (CIP) 2016-2020

Departments will include as part of their project proposal:

1. A Project Summary providing an overview and justification of the project.
2. A Fiscal Overview that includes estimated cost estimates and funding strategies that proposes funding options must be identified including:
 - a. Operating Revenues
 - b. Reserves and/or Debt
 - c. Grants
 - d. Partnerships with Other Organizations
 - e. Impact Fees
 - f. Developer Funded

Expense estimates must be identified in the section for design, site acquisition, construction, estimated annual maintenance and operating cost impact based on the current estimated cost and values. To help manage cash flows, the financial plan must be complete to ascertain the impact on multiple fiscal years.

3. A Project Description section will provide additional project detail such as estimated linear feet, square feet or other applicable measurement, language that explains the overall need for the project as well as the benefit to the community.
4. Proposed Schedule identifying major milestones such as the design, bid, and construction phases.
5. Identification of the Project Manager.

Additional information may be requested by the City Manager and/or the members of the City Council.

Project Criteria

The evaluation of proposed capital projects will be in accordance with the following criteria:

1. Public Health, Safety, and Welfare - projects improving the public health, safety, and welfare of the community will be rated with highest priority. Projects must demonstrate the benefit provided to the community and possible risks from not completing the project. Compliance with state and federal mandates fall under this category.
2. Quality of Life - projects enhancing the quality of life enjoyed by citizens, such as equestrian and hiking trails throughout the city, will receive a high priority.
3. Funding - funding availability considerations are included when ranking projects. Grants and funding partnerships are considered first followed by operating revenues, fund balance, and debt. Debt may be issued to fund capital projects after alternative funding sources are exhausted.
4. Economic Development - projects enhancing and promoting the establishment of commercial business with the best use for a parcel of land that is zoned commercial will be given the highest priority.

CIP Amendment

Amendments to the CIP effecting the current fiscal year must be recommended by the City Manager and approved by the City Council through a budget amendment. Amendments will be considered according to project scoring criteria as previously identified. Higher priority will be given to projects necessary for the public health, safety, and funding availability.

Any plan must be based upon an estimate of certain characteristics. These characteristics may change and vary from time to time and when they do, the CIP should be updated. It may require that certain proposed improvements be implemented immediately or even delayed. Further, this plan is meant to be flexible. It is to be used as a tool to help establish a course of action.

CIP Project Prioritization

Using the criteria identified in the Project Criteria section of this document will assist staff and ultimately the elected officials in rating each project to facilitate prioritization. There are various rating schemes available for establishing capital improvements priorities. The following set of standards are used as the evaluation method for the City:

- **High** - essential capital improvements are projects needed to promote and/or protect the public welfare and safety. Projects classified under this category are projects of the highest priority.
- **Routine** - necessary capital improvements are projects which are needed for the convenience and conservation of endangered resources, or for the completion of partially completed projects. Projects of this type include improvements which are considered necessary for a progressive growing community and for problems that do not negatively impact public welfare.
- **Low** - desirable capital improvements are projects which protect property, replace obsolete

facilities, reduce operating costs and add to the attractiveness of the community. Projects of this type are not considered high priority and may be delayed or removed from the CIP as funding changes. Conversely, these types of projects can be brought forth when budget surpluses or additional funding sources are identified.

- **Deferrable** - these capital improvements are projects of the lowest priority. These projects can be postponed or eliminated from the CIP because of cost, timing, or need.

Roadway and Trail Project CIP At-A-Glance

The following table is a quick reference guide that summarizes the CIP Roadway and Trail Projects. It indicates the fiscal year in which the project is scheduled to begin, a project number for identification purposes, the recommended priority of implementation, the preliminary estimated costs for improvements, and the anticipated funding sources.

STARTING IN FISCAL YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	FUNDING SOURCE
2016-2017	1	High	Winningkoff Road Reverse Curve	\$964,000 (\$xxxxx Actual)	Impact Fees and Certificate of Obligation
	2	High	Stinson Road/W. Lucas Road Intersection Improvements	\$453,000 (\$xxxxx Actual)	Certificates of Obligation, Reginal Toll Revenue, Collin County Bond, City of Lucas General Fund
	3	High	W. Lucas Road Widening	\$1,500,000 (\$xxxxx Actual Including Maintenance)	Regional Toll Revenue, City of Lucas General Fund, and Collin County Bond
2016-2017	4	Routine	Street Maintenance	\$750,000 (\$159,403 Actual)	City of Lucas General Fund
2017-2018	5	High	Country Club Road/Estates Parkway Intersection Improvements	\$350,000	Certificate of Obligation
	6	High	Winningkoff Road Middle Section from the Reverse Curve to Snider Lane	\$1,400,000	Certificate of Obligation
	7	Routine	E. Winningkoff Road Trailhead	\$240,000	\$120,000 City of Lucas General Fund and \$120,000 Collin County Park Board Grant

STARTING IN FISCAL YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	FUNDING SOURCE
	8	Routine	Street Maintenance	\$750,000 (\$566,784 + 234,051 Actual)	11-8209-301 City of Lucas General Fund
2018-2019	9	High	Stinson Road Southern Section from Parker Road to Bristol Park	\$2,267,000	Certificate of Obligation
	10	High	Blondy Jhune Road Reconstruction from Western Bridge to Winningkoff Road	\$2,700,000	Certificate of Obligation
	11	Low	Northeast Equestrian and Pedestrian Trails	\$xxx	To Be Determined
	12	Routine	Street Maintenance	\$750,000	City of Lucas General Fund
2019-2020	13	High	Stinson Road Northern Section from Bentwater Drive to the Reverse Curve	\$2,000,000	To Be Determined
	14	Routine	Streets Maintenance	\$750,000	City of Lucas General Fund
2020-2021	15	High	Winningkoff Road Southern Section from E. Lucas Road to the Reverse Curve	\$1,900,000	To Be Determined
	16	Routine	Street Maintenance	\$750,000	City of Lucas General Fund
	17	Low	Exercise and Leisure Loop	\$xxxxxx	To Be Determined

STARTING IN FISCAL YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	FUNDING SOURCE
	18	Low	Southwest Multipurpose Trails	\$xxxx	To Be Determined
2021-2026	19	Routine	Street Maintenance (\$1,000,000 per year)	\$5,000,000	City of Lucas General Fund
2026-2031	20	Routine	Street Maintenance (\$1,000,000 per year)	\$5,000,000	City of Lucas General Fund

WINNINGKOFF ROAD REVERSE CURVE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2016-2017	1	Roadway	Complete	High
FISCAL OVERVIEW				
Cost		Source of Funding		
\$144,645 Design Contract		Impact Fees and Certificate of Obligation		
\$502,411 Construction Contract				
\$100,480 Contingency				
\$747,536 Total Budget				
\$964,000 March 2017 Estimate				
\$xxxx Actual				
PROJECT DESCRIPTION				
Replace existing asphalt pavement with concrete pavement. The eastern curve will be designed to accommodate a school bus and an auto passing in opposite directions. The western curve will be replaced with a three-way stop sign controlled intersection at Forestview Drive. The project length is approximately 0.5 miles.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2017		2018 - Complete		
PROJECT MANAGER: City Engineer				



STINSON ROAD/W. LUCAS ROAD INTERSECTION IMPROVEMENTS				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2016-2017	2	Roadway	Complete	High
FISCAL OVERVIEW				
Cost		Source of Funding		
\$91,130 Design Contract \$391,572 Construction Contract \$97,000 Contingency \$579,702 Total Budget* \$453,000 March 2017 Estimate \$xxxx Actual		Certificates of Obligation, Reginal Toll Revenue, Collin County Bond, City of Lucas General Fund		
PROJECT DESCRIPTION				
Provide for two northbound Stinson Road lanes on approach to W. Lucas Road: one left turn and one right turn. Improve drainage along the W. Lucas Road. *The addition of a fourth leg to Country Club Road/W. Lucas Road intersection was added to design of this project in early 2018.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2017		2018 - Complete		
PROJECT MANAGER: City Engineer				



W. LUCAS ROAD WIDENING

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2016-2017	3	Roadway	Complete	High

FISCAL OVERVIEW

Cost of Capacity Improvements	Source of Funding
\$72,250 Design Contract \$1,172,780 Construction Contract \$237,609 Roadway Maintenance* \$254,970 Contingency \$1,737,609 Total Budget \$1,500,000 May 2013 Estimate \$xxxxx Actual	\$1,200,000 in Regional Toll Revenue, \$244,414 in Collin County Bonds, and \$55,586 City of Lucas General Fund

PROJECT DESCRIPTION

Widen W. Lucas Road from Willow Springs School to Angel Parkway by adding a center and left turn lane. The project length is approximately 1.5 miles. *During the construction of the three lanes, numerous areas of the existing roadway required full depth repairs.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2017	2018 - Complete

PROJECT MANAGER: City Engineer



STREET MAINTENANCE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2016-2017	4	Roadway	Complete	Routine
FISCAL OVERVIEW				
Cost		Source of Funding		
\$750,000 Total Budget \$159,403 Actual*		City of Lucas General Fund		
PROJECT DESCRIPTION				
Each year, roads require proper maintenance to provide reliable mobility at minimal cost. Project List: <ol style="list-style-type: none"> 1. Daytona Avenue/CR 391 2. Horseman Drive 3. Skyview Drive 4. Edgefield Lane Turnaround *Most of the funds budgeted for FY 2016-2017 were shifted to FY 2017-2018 to accommodate the contractor's schedule.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2017		2017 - Complete		
PROJECT MANAGER: City Engineer				



COUNTRY CLUB ROAD/ESTATES PARKWAY INTERSECTION IMPROVEMENTS

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2017-2018	5	Roadway	Design	High

FISCAL OVERVIEW

Cost	Source of Funding
\$82,700 Design <u>\$267,300 for Construction</u> \$350,000 Total Budget \$350,000 March 2017 Estimate	Certificate of Obligation

PROJECT DESCRIPTION

Add a right turn lane from eastbound Estates Parkway to southbound Country Club Road. Add a left turn lane from northbound Country Club Road to westbound Estates Parkway. TxDOT may add funding to this project to improve drainage near the intersection.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2017	2020

PROJECT MANAGER: City Engineer



**WINNINGKOFF ROAD MIDDLE SECTION
FROM THE REVERSE CURVE TO SNIDER LANE**

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2017-2018	6	Roadway	Design	High

FISCAL OVERVIEW

Cost	Source of Funding
\$215,850 Design Contract <u>\$1,184,150 for Construction</u> \$1,400,000 Total Budget \$1,400,000 March 2017 Estimate	Certificate of Obligation

PROJECT DESCRIPTION

Reconstruct 0.5 miles of Winningkoff Road with concrete pavement and improve drainage.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2017	2022

PROJECT MANAGER: City Engineer



TRAILHEAD ON E. WINNINGKOFF ROAD

PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2017-2018	7	Trail	Complete	Routine

FISCAL OVERVIEW	
Cost	Source of Funding
\$240,000 Estimate \$240,000 Actual	\$120,000 City of Lucas General Fund and \$120,000 Collin County Park Board Grant

PROJECT DESCRIPTION
 Trailhead on E. Winningkoff Road was constructed during Fiscal Year 2016-2017. The Trailhead provides parking, a corral, restroom facilities, and other amenities. Additional work, such as marking the trail and maintenance was completed in Fiscal Year 2017-2018.

PROJECT SCHEDULE	
Project Begin Year	Project End Year
2017	2018 - Complete

PROJECT MANAGER: Development Services Director



STREET MAINTENANCE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2017-2018	8	Roadway	Complete	Routine
FISCAL OVERVIEW				
Cost		Source of Funding		
\$882,335 Total Budget \$864,431 Actual		City of Lucas General Fund		
PROJECT DESCRIPTION				
Each year, roads require proper maintenance to provide reliable mobility at minimal cost. Project List: <ol style="list-style-type: none"> 1. Blondy Jhune Road 2. Stinson Road 3. Lewis Lane 4. Rock Ridge Road 5. White Rock Trail 				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2017		2018 - Complete		
PROJECT MANAGER: City Engineer				



**STINSON ROAD SOUTHERN SECTION
FROM PARKER ROAD TO BRISTOL PARK**

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2017-2018	9	Roadway	Design	High

FISCAL OVERVIEW

Cost	Source of Funding
\$264,910 Design Contract <u>\$2,002,090 for Construction</u> \$2,267,000 Total Budget \$2,267,000 March 2017 Estimate	Certificates of Obligation

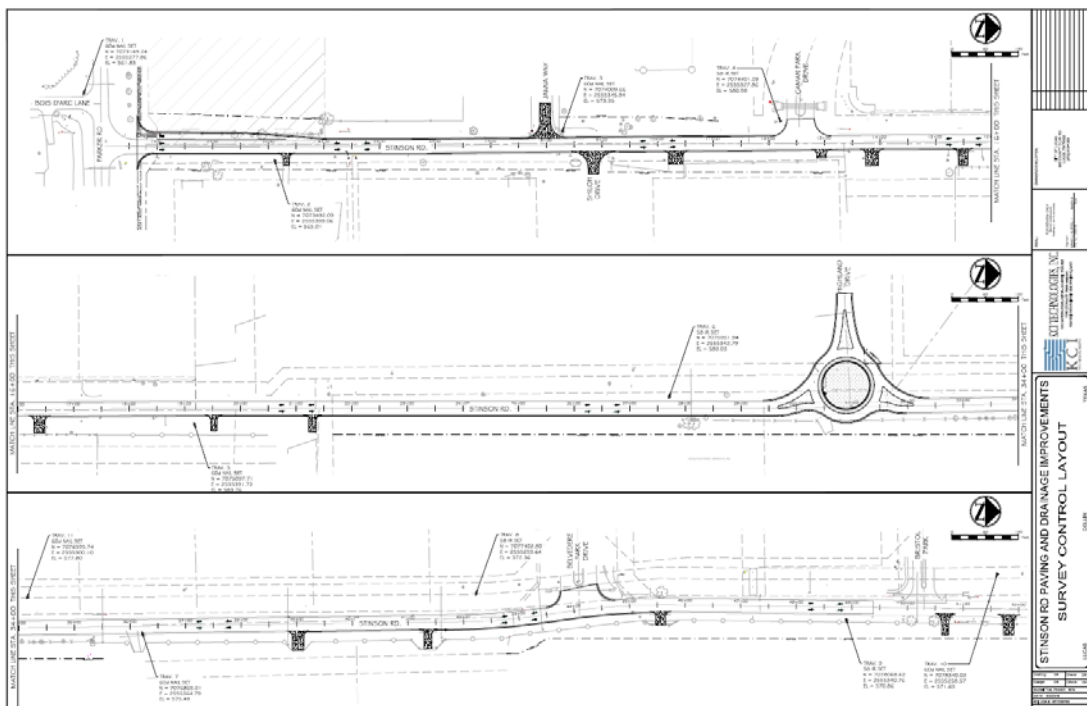
PROJECT DESCRIPTION

This concrete project extends from Parker Road to Bristol Park, and it is about a mile long. It does not include the Muddy Creek Bridge. A straight, flat two-lane roadway is planned to have a roundabout at Highland Drive.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2017	2020

PROJECT MANAGER: City Engineer



**BLONDY JHUNE ROAD MIDDLE AND EASTERN SECTIONS
FROM THE WESTERN BRIDGE TO WINNINGKOFF ROAD**

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2017-2018	10	Roadway	Design	High

FISCAL OVERVIEW

Cost	Source of Funding
\$192,415 Design Contracts <u>\$2,584,685 for Construction</u> \$2,700,000 Total Budget \$2,700,000 May 2013 Estimate	Certificates of Obligation

PROJECT DESCRIPTION

Replace existing asphalt roadway with a two-lane concrete roadway from the western bridge to Winningkoff Road. The project length is about a mile long and has two different pavement cross sections to accommodate minimizing the impact to the tree canopy.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2017	2020

PROJECT MANAGER: City Engineer



NORTHEAST EQUESTRIAN AND PEDESTRIAN TRAILS				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2018-2019	11	Trail	Planning	Low
FISCAL OVERVIEW				
Cost		Source of Funding		
\$\$\$		To Be Determined		
PROJECT DESCRIPTION				
Obtain easements and construct equestrian and pedestrian trails radiating from the E. Winningkoff Trailhead to the west and south. These trails would generally follow Blondy Jhune Road, E. Winningkoff Road, Welborn Lane, and White Rock Creek (from Winningkoff Road to Snider Lane) The purpose is to link to other trails such as the Trinity Trail, and keep equestrian trails separate from multipurpose trails.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2019		2026		
PROJECT MANAGER: Development Services Director				

STREET MAINTENANCE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2018-2019	12	Roadway	Planning	Routine
FISCAL OVERVIEW				
Cost		Source of Funding		
\$750,000		City of Lucas General Fund		
PROJECT DESCRIPTION				
Each year, roads require proper maintenance to provide reliable mobility at minimal cost.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2018		2019		
PROJECT MANAGER: City Engineer				

**STINSON ROAD NORTHERN SECTION
FROM BENTWATER DRIVE TO THE REVERSE CURVE**

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2020-2021	13	Roadway	Planning	High

FISCAL OVERVIEW

Cost	Source of Funding
\$2,000,000 August 2018 Estimate	To Be Determined

PROJECT DESCRIPTION

Replace existing asphalt roadway with a concrete, two-lane roadway from Bentwater Drive to the reverse curve at 405 Stinson Road. It does not include the Muddy Creek Bridge and is about 0.66 miles in length. This is a straight and flat roadway with no four-way intersections.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2020	2023

PROJECT MANAGER: City Engineer

STREET MAINTENANCE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2019-2020	14	Roadway	Planning	Routine
FISCAL OVERVIEW				
Cost		Source of Funding		
\$750,000		City of Lucas General Fund		
PROJECT DESCRIPTION				
Each year, roads require proper maintenance to provide reliable mobility at minimal cost.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2019		2020		
PROJECT MANAGER: City Engineer				

**WINNINGKOFF ROAD SOUTHERN SECTION
FROM E. LUCAS ROAD TO THE REVERSE CURVE**

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2020-2021	15	Roadway	Planning	High

FISCAL OVERVIEW

Cost	Source of Funding
\$2,000,000 August 2018 Estimate	To Be Determined

PROJECT DESCRIPTION

Replace existing asphalt roadway with a concrete, two-lane roadway from E. Lucas Road to the Reverse Curve north of Christian Lane. The project is about 0.6 miles in length. A new culvert 800 feet north of E. Lucas Road will be part of this project.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2020	2024

PROJECT MANAGER: City Engineer

STREET MAINTENANCE

PROJECT SUMMARY

Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2020-2021	16	Roadway	Planning	Routine

FISCAL OVERVIEW

Cost	Source of Funding
\$750,000	City of Lucas General Fund

PROJECT DESCRIPTION

Each year, roads require proper maintenance to provide reliable mobility at minimal cost.

PROJECT SCHEDULE

Project Begin Year	Project End Year
2020	2021

PROJECT MANAGER: City Engineer

EXERCISE AND LEISURE LOOP				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2020-2021	17	Trail	Planning	Low
FISCAL OVERVIEW				
Cost		Source of Funding		
\$\$\$		To Be Determined		
PROJECT DESCRIPTION				
Construct a five-mile loop starting a City Hall and proceeding south along Country Club Road, west along W. Lucas Road, north along future Allison Lane, east along Estates Parkway, and south along Country Club Road ending at City Hall. The purpose of the loop is to provide a separate facility away from the vehicular traffic. The width of the loop pavement should be between seven and 14 feet depending on location and a desire to create a two-way facility. The loop may be constructed from crushed granite and/or concrete.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2021		2026		
PROJECT MANAGER: Development Services Director				

SOUTHEAST MULTIPURPOSE TRAILS				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2020-2021	18	Trail	Planning	Low
FISCAL OVERVIEW				
Cost		Source of Funding		
\$\$\$		To Be Determined		
PROJECT DESCRIPTION				
Obtain easements and construct multipurpose trails south of W. Lucas Road and west of Southview Drive. These trails would connect with the Exercise and Leisure Loop along W. Lucas Road at Willow Springs School and the TP&L Powerlines in the southern part of the city. A trailhead may be included as part of this project.				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2021		2026		
PROJECT MANAGER: Development Services Director				

STREET MAINTENANCE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2021-2022	19	Roadway	Planning	Routine
FISCAL OVERVIEW				
Cost		Source of Funding		
\$5,000,000		City of Lucas General Fund		
PROJECT DESCRIPTION				
<p>Each year, roads require proper maintenance to provide reliable mobility at minimal cost.</p> <p>FY 2021-2022 \$1,000,000</p> <p>FY 2022-2023 \$1,000,000</p> <p>FY 2023-2024 \$1,000,000</p> <p>FY 2024-2025 \$1,000,000</p> <p>FY 2025-2026 \$1,000,000</p>				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2021		2026		
PROJECT MANAGER: City Engineer				

STREET MAINTENANCE				
PROJECT SUMMARY				
Starting in Fiscal Year	Project No.	Category	Project Status	Priority
2026-2031	20	Roadway	Planning	Routine
FISCAL OVERVIEW				
Cost		Source of Funding		
\$5,000,000		City of Lucas General Fund		
PROJECT DESCRIPTION				
<p>Each year, roads require proper maintenance to provide reliable mobility at minimal cost.</p> <p>FY 2026-2027 \$1,000,000</p> <p>FY 2027-2028 \$1,000,000</p> <p>FY 2028-2029 \$1,000,000</p> <p>FY 2029-2030 \$1,000,000</p> <p>FY 2030-2031 \$1,000,000</p>				
PROJECT SCHEDULE				
Project Begin Year		Project End Year		
2026		2031		
PROJECT MANAGER: City Engineer				

Water System Projects CIP At-A-Glance

The following table is a quick reference guide that summarizes the CIP Water System Projects. It indicates the fiscal year in which the project is scheduled to begin, a project number for identification purposes, the recommended priority of implementation, the preliminary estimated costs for improvements, and the anticipated funding sources.

STARTING IN FISCAL YEAR	PRIORITY NO. and PROJECT	ESTIMATED COST	FUNDING SOURCE
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			
2016-2017	1. Parker Road 12-Inch Waterline Phase 1 – Section 1 from Stinson Road to Enchanted Way	\$292,037 (\$309,272 Actual)	Capital Improvements Water Fund
	2. Parker Road Eight-Inch Waterline Phase 2 from Shepherds Creek Drive to Santa Fe Trail	\$326,004 (\$527,234 Actual)	Capital Improvements Water Fund
	3. North Pump Station Improvements: A) Add 500,000 Gallon Water Tower B) Wiltshire Court Eight-Inch Waterline Connection C) Replace Existing Pump Station D) System Pressure Reducing Valves	\$2,421,513	Capital Improvements Water Fund
	4. Automatic Flushing Valves (AFVs) for Non-Looped Waterlines -- The location of these AFVs will be installed where looping of the waterlines is not practical.	\$400,000	Capital Improvements Water Fund
	5. Meter Replacement	\$629,860	Capital Improvements Water Fund
	2016-2017 and 2017-2018 TOTAL	XXX	
2018-2019	6. Waterline Looping	\$1,200,000	To Be Determined
	7. Parker Road Eight-Inch Waterline Phase 3 from Santa Fe Trail to Stinson Road	\$-0-	TxDOT
	8. Rollingwood Circle/Choice Lane/Lakeview Drive Six-Inch Waterline -- This project will improve water quality and fire protection to 97 homes.	\$432,165	To Be Determined
	9. A) Edgefield Lane/W. Lucas Road Six-Inch Waterline B) Cedar Bend Trail/E. Lucas Road Six-Inch Waterline -- These two projects will improve water quality and fire protection to 32 homes.	\$113,530	To Be Determined
	10. Graham Lane and Rock Ridge Court Eight-Inch Waterline Loop from Country Club Road to Rock Ridge Road	\$571,775	To Be Determined
	2018-2019 TOTAL	XXXX	
	11. Snider Lane Eight-Inch Waterline from Shady Lane to Sterling Brown Lane -- This	\$594,549	Impact Fees

STARTING IN FISCAL YEAR	PRIORITY NO. and PROJECT	ESTIMATED COST	FUNDING SOURCE
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			
	project is a requirement of the Lakeview Downs subdivision. Fire hydrants to be added and will improve water quality on the east side of Lucas.		
	12. Glencove Circle and Crestview Circle Six-Inch Extensions to Brockdale Park Road Eight-Inch Loops -- This project will improve water quality and fire protection to 15 homes and add fire hydrants to the area.	\$224,255	To Be Determined
2019-2020	13. Hickory Hill Street Eight-Inch Waterline from Stinson Road to Brookhaven Drive -- This project will improve water quality and fire protection and add fire hydrants to 12 homes.	\$226,383	To Be Determined
	14. Manor Lane Eight-Inch Waterline -- This will replace an undersized four-inch line, add fire hydrants, and improve the water looping between Estelle Lane and Winningkoff Road.	\$313,951	To Be Determined
	15. A) Rock Ridge Road 12-Inch Waterline from Estates Parkway to Fairbrook Circle and B) Fairbrook Circle Eight-Inch Waterline -- This will replace existing six-inch waterlines and bring Fairbrook Circle into the Lucas Waterworks System.	\$491,953	To be Determined
	16. Repaint McGarity 200,000-Gallon Ground Storage Tank	\$150,150	To Be Determined
	17. Enchanted Way/Brookhaven Drive Eight-Inch Waterline -- This project will improve water quality and fire protection to 23 homes.	\$203,262	To Be Determined
	18. Rock Ridge Road/Lovejoy High School Eight-Inch Waterline Loop -- This project improves the looping on the west side of the city and at the high school.	\$56,773	To Be Determined
	2019-2020 TOTAL	XXXXXX	
2020-2026	19. McGarity 950,000 Gallon Ground Storage Tank	\$1,279,093	To Be Determined
	20. A) Shiloh Drive/Toole Drive Six-Inch Waterline Replacement B) Braeburn Way Eight-Inch Waterline Loop	\$190,546	To Be Determined
	21. Fairbrook Circle/Graham Lane Eight-Inch Waterline Loop	\$256,453	To Be Determined
	22. Lewis Lane Eight-Inch Waterline from Shepherds Creek Drive to Green Acres Lane	\$300,113	To Be Determined
	23. Angel Parkway 12-Inch Waterline from McGarity Lane to Estates Parkway	\$425,539	To Be Determined
	24. Ingram Lane Six- and 12-Inch Waterlines from McGarity Lane to W. Lucas Road	\$836,217	To Be Determined

STARTING IN FISCAL YEAR	PRIORITY NO. and PROJECT	ESTIMATED COST	FUNDING SOURCE
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			
	25. Estates Road Eight-Inch Waterline	\$232,014	To Be Determined
	26. Chisholm Trail/Caman Park Drive and Turnberry Lane/Highland Drive Eight-Inch Waterline Loops	\$322,203	To Be Determined
	27. Stinson Road/Enchanted Way Eight-Inch Waterline	\$142,278	To Be Determined
	28. Stinson Road/E. Lucas Road Eight-Inch Waterline	\$147,827	To Be Determined
	29. Rock Creek Estates Six-Inch Waterline	\$175,610	To Be Determined
	30. Stinson Road 12-Inch Waterline Connector	\$39,189	To Be Determined
	31. Repaint North Pump Station 750,000 Gallon Ground Storage Tank	\$409,303	To Be Determined
	32. Repaint McGarity 350,000 Ground Storage Tank	\$228,690	
	33. A) Parker Road 12-Inch Waterline Phase 1 - Section 2 B) Parker Road/Brookhaven Drive Eight-Inch Waterline	\$835,239	To Be Determined
	2020-2026 TOTAL	XXXXX	
2026-2031	34. Replace McGarity 500,000 Gallon Water Tower	\$1,372,140	To Be Determined
	35. Rock Ridge Road 12-Inch Waterline from Exchange Parkway to Fairbrook Circle	\$224,712	To Be Determined
	36. Lakeview Downs/Trinity Park Six-Inch Waterlines and Eight-Inch Loop	\$1,135,688	To Be Determined
	37. Forest Grove Road/Horseman Drive/Orr Road Six- and Eight-Inch Waterlines	\$867,422	To Be Determined
	38. Orr Road (North) Eight-Inch Waterline	\$426,327	To Be Determined
	39. PR 5252 Six-Inch Waterline Replacement	\$93,486	
	40. Repaint North Pump Station 500,000 Gallon Ground Storage Tank	\$297,124	

PARKER ROAD 12-INCH WATERLINE PHASE 1 – SECTION 1			
PROJECT SUMMARY			
Starting in Fiscal Year	Engineering Priority No.	Category	Project Status
2016-2017	1	Water	2018 - Complete
FISCAL OVERVIEW			
Cost		Source of Funding	
\$62,900 Design \$244,796 Contract \$36,879 Contingency <u>\$10,000 Adjustment FY 16/17</u> \$354,575 Total Budget \$292,037 September 2016 Estimate \$309,272 Actual		Capital Improvement Water Fund	
PROJECT DESCRIPTION			
This project is needed to improve infrastructure and to accommodate the TxDOT Parker Road widening requiring Lucas to abandon an existing six-inch waterline along Parker Road.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2016		2018 - Complete	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$11,500.00	\$11,500
Traffic Control/ Construction Signing	1	\$3,000.00	\$3,000
Erosion Control	1	\$5,000.00	\$5,000
Trench Safety	2,115	\$1.50	\$3,173
Furnish & install 12" PVC, including Class "B" embedment	2,100	\$60.00	\$126,000
Furnish & install 12" PVC, by bore and jacking	25	\$320.00	\$8,000
Furnish & install 8" PVC, including Class "B" embedment	15	\$42.00	\$630
Furnish & install 8" PVC, by bore and jacking	25	\$280.00	\$7,000
Furnish & install 12" Bend	1	\$8,000.00	\$8,000
Furnish & install 8" Bend	1	\$800.00	\$800
Furnish & install 12" Tee	4	\$1,200.00	\$4,800
Furnish & install 12" Valve	5	\$1,500.00	\$7,500
Furnish & install 8" Valve	1	\$500.00	\$500
Furnish & install 12"x8" Reducer	1	\$1,200.00	\$1,200
Furnish & install Fire Hydrant, lead and 6" valve	3	\$4,000.00	\$12,000
Connections to Existing Water Lines	1	\$8,000.00	\$8,000
Cut and Plug Existing Water Lines	1	\$2,000.00	\$2,000
Remove Existing Fire Hydrant and Return to City	2	\$500.00	\$1,000
Furnish & install Water Service Connection	16	\$1,500.00	\$24,000
Block Sod	500	\$7.00	\$3,500
Seeding	3,000	\$1.25	\$3,750
Construction Contingency (10%)	1	\$25,342	\$25,342
Engineering/Surveying Services (10%)	1	\$25,342	\$25,342

	Total:	\$292,037
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>		

PARKER ROAD EIGHT-INCH WATER LINE PHASE 2			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2016-2017	2	Water	Complete
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$ 41,150 Design \$ 447,218 Construction Contract <u>\$ 60,285 Contingency</u> \$ 548,653 Total Budget \$ 326,004 September 2016 Estimate* \$ 527,234 Actual		Capital Improvement Water Fund and Certificate of Obligation	
PROJECT DESCRIPTION			
<p>This project is needed to improve infrastructure and to accommodate the TxDOT Parker Road widening requiring Lucas to abandon an existing six-inch waterline along Parker Road. The scope of this project was change. *The original alignment was along Lewis Lane between Shepherds Creek Drive and Parker Road and then along Parker Road from Lewis Lane to Santa Fe Trail. The constructed alignment is from Lewis Lane and McCreary Drive via new and existing easements and the TxDOT right-of-way. A six-inch waterline was bored most of the length of the project to avoid removing trees and reducing the impacts to property owners.</p>			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2016		2018 - Complete	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$12,850.00	\$12,850
Traffic Control/ Construction Signing	1	\$2,000.00	\$2,000
Erosion Control	1	\$4,000.00	\$4,000
Trench Safety	3,500	\$1.50	\$5,250
Furnish & install 8" PVC, including Class "B" embedment	3,500	\$42.00	\$147,000
Furnish & install 8" PVC, by bore and jacking	80	\$280.00	\$22,400
Furnish & install 8" PVC, by wet bore	100	\$90.00	\$9,000
Furnish & install 8" PVC Creek Crossing, by bore and jacking	50	\$330.00	\$16,500
Furnish & install 8" Bend	1	\$4,050.00	\$4,050
Furnish & install 8" Valve	4	\$500.00	\$2,000
Furnish & install Fire Hydrant, including lead and 6" valve	4	\$4,000.00	\$16,000
Connections to Existing Water Lines	1	\$4,000.00	\$4,000
Block Sod	2,500	\$7.00	\$17,500
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	5,500	\$1.25	\$6,875
Construction Contingency (10%)	1	\$28,290	\$28,290
Engineering/Surveying Services (10%)	1	\$28,290	\$28,290
		Total:	\$326,004

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

NORTH PUMP STATION IMPROVEMENTS

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2016-2017	3	Water	Design

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$ 185,000 Design \$ 2,777,240 for Construction \$ 2,962,240 Total Budget \$ 2,267,692 September 2016 Estimate	Capital Improvement Water Fund and Certificate of Obligation

PROJECT DESCRIPTION

- A) Provide new elevated storage tank. This will allow for the elimination of the lower pressure plane.
- B) This will allow the ground storage at the North Pump Station to be filled by the upper pressure plane eliminating water service to seven homes.
- C) Replace Existing Pump Station
- D) System Pressure Reducing Valves
- E) Update SCADA hardware and software

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2019

PROJECT MANAGER: City Engineer

PROJECT DETAILS

	Estimated Quantity	Unit Cost	Cost
A) Add 500,000 Gallon Water Tower			
Mobilization, Bonds, Insurance	1	\$60,000.00	\$60,000
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$4,000.00	\$4,000
Furnish & install 500,000 Gallon Elevated Storage Tank	1	\$1,100,000.00	\$1,100,000
Furnish & install Yard Piping/Valving	1	\$20,000.00	\$20,000
Furnish & install Electrical	1	\$45,000.00	\$45,000
Furnish & install Tank Piping/Valving	1	\$20,000.00	\$20,000
Site Work	1	\$5,000.00	\$5,000
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	4,000	\$1.25	\$5,000
Construction Contingency (10%)	1	\$118,440	\$118,440
Engineering/Surveying/Geotechnical Services (8%)	1	\$118,440	\$118,440
B) Wiltshire Court Connection			
Mobilization, Bonds, Insurance	1	\$3,850.00	\$3,850
Traffic Control/ Construction Signing	1	\$500.00	\$500
Erosion Control	1	\$2,550.00	\$2,550
Trench Safety	975	\$1.50	\$1,463
Furnish & install 8" PVC, including Class "B" embedment	975	\$42.00	\$40,950

Furnish & install 8" PVC, by wet bore	120	\$90.00	\$10,800
Furnish & install 8" Bend	1	\$4,300.00	\$4,300
Furnish & install 8" Valve	2	\$500.00	\$1,000
Furnish & install Fire Hydrant, including lead and 6" valve	1	\$4,000.00	\$4,000
Connections to Existing Water Lines	1	\$5,000.00	\$5,000
Block Sod	700	\$7.00	\$4,900
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	1,500	\$1.25	\$1,875
Construction Contingency (10%)	1	\$8,525	\$8,525
Engineering/Surveying Services (10%)	1	\$8,525	\$8,525
C) Replace Existing Pump Station			
Mobilization, Bonds, Insurance	1	\$17,000.00	\$17,000
Erosion Control	1	\$3,000.00	\$3,000
Furnish & install Pumps	3	\$20,000.00	\$60,000
Furnish & construct Pump Building	1	\$120,000.00	\$120,000
Furnish & install Pipes and Valves	1	\$50,000.00	\$50,000
Furnish & install Electrical	1	\$100,000.00	\$100,000
Site Work	1	\$5,000.00	\$5,000
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	2,000	\$1.25	\$2,500
Construction Contingency (10%)	1	\$37,537	\$37,537
Engineering/Surveying/Geotechnical Services (10%)	1	\$37,537	\$37,537
D) System Pressure Reducing Valves			
Furnish separate cost of product and cost to Install Residential Pressure Reducing Valve	1,200	\$200.00	\$240,000
E) Update SCADA			
	1	\$100,000.00	\$100,000
		Total:	\$2,367,692
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

AUTOMATIC FLUSHING VALVES FOR NON-LOOPED WATERLINES			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2016-2017	4	Water	Complete
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$ 400,000 Actual		Capital Improvement Water Fund	
\$ 400,000 September 2016 Estimate			
PROJECT DESCRIPTION			
The location of these AFVs will be installed where looping of the waterlines is not practical. The scope of this project was changed. Temporary AFVs were installed and the looping of waterlines was moved to other projects.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2016		2018 - Complete	
PROJECT MANAGER: Public Works Supervisor			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Furnish separate cost of product and cost to Install Automatic Flushing Valve	25	\$4,000.00	\$60,000
Install looped water lines at locations to be determined			\$340,000
		Total:	\$400,000
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

NEPTUNE METERS REPLACEMENT			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2017-2018	5	Water	Construction
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$ 629,860 Contract		Capital Improvement Water Fund	
\$ 748,785 September 2016 Estimate			
PROJECT DESCRIPTION			
Replace all existing RG3 meters and registers with Neptune equipment. The scope of this project was changed from an Advanced Metering Infrastructure (AMI) project to an Automatic Meter Reading (AMR) project.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2017		2020	
PROJECT DETAILS:			
Description	Estimated Quantity	Unit Cost	Cost
Meters	?	???	\$629,860
		Total:	\$629,860
<p><i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i></p>			

WATERLINE LOOPING

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2016-2017	6	Water	Planning

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,200,000	TBD

PROJECT DESCRIPTION

Loop waterlines to enhance the water system quality and fire protection.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2022

PROJECT DETAILS:

Description	Estimated Quantity	Unit Cost	Cost
Install waterline loops at locations to be determined			\$1,200,000
		Total:	\$1,200,000

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

**PARKER ROAD EIGHT-INCH WATERLINE PHASE 3
(FROM SANTA FE TRAIL TO STINSON ROAD)**

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2017-2018	7	Water	Construction

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$-0-	TxDOT Funding of \$238,000

PROJECT DESCRIPTION

This project is needed to accommodate the TxDOT Parker Road widening requiring Lucas to abandon an existing six-inch waterline along Parker Road between McCreary Road and Stinson Road. Staff worked closely with TxDOT to obtain funding from TxDOT for this project.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

PROJECT MANAGER: City Engineer

PROJECT DETAILS

Description	Estimated Quantity	Unit Cost	Cost
		Total:	\$-0-

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

ROLLINGWOOD CIRCLE/CHOICE LANE/LAKEVIEW DRIVE SIX-INCH WATERLINE LOOP			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	8	Water	Planning
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$432,165 September 2016 Estimate		To Be Determined	
PROJECT DESCRIPTION			
This project will improve water quality and fire protection for 97 homes.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2018		2019	
PROJECT MANGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds and Insurance	1	\$17,250.00	\$17,250
All Traffic Control, Barricading and Signing Measures	1	\$7,500.00	\$7,500
Temporary erosion control	1	\$8,500.00	\$8,500
Cut and Plug Existing 2" Water Line	3	\$450.00	\$1,350
Cut and Plug Existing 8" Water Line	1	\$500.00	\$500
Furnish and Install Trench Safety system	4550	\$1.75	\$7,963
Cut Out and Remove Existing 8" Water Line as needed	1	\$2,250.00	\$2,250
Cut Out and Remove Existing Reducer and 2" Water Line	3	\$1,500.00	\$4,500
Connect to Existing 6" Water Line	1	\$500.00	\$500
Furnish and Install 6" 11.25 Degree Bend	4	\$675.00	\$2,700
Furnish and Install 6" 90 Degree Bend	7	\$650.00	\$4,550
Furnish and Install 6"x6" Tee	1	\$1,000.00	\$1,000
Furnish and Install 6" Gate Valve	4	\$1,500.00	\$6,000
Furnish and Install Fire Hydrant, Valve and Riser	4	\$3,750.00	\$15,000
Furnish and Install 6" waterline w/Class "B" Embedment	4550	\$ 45.00	\$204,750
Furnish & Install 6" DR-18 w/14" Steel by Boring and Jacking	180	\$ 275.00	\$49,500
Furnish and Install Long Service Water Line	1	\$ 1,250.00	\$1,250
Furnish and Install Short Service Water Line	8	\$ 800.00	\$6,400
Furnish and Install Service Line Over 250 LF	2	\$ 5,000.00	\$10,000
Furnish and Place Block Sodding	1150	\$ 7.00	\$8,050
Furnish and Place Grass Seed	2500	\$ 1.25	\$3,125
Construction Contingency (10%)	1	\$36,263.75	\$36,264
Engineering/Surveying/Geotechnical Services (10%)	1	\$36,263.75	\$36,264
		Total:	\$432,165

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

EDGEFIELD LANE/W. LUCAS ROAD SIX-INCH WATERLINE LOOP CEDAR BEND TRAIL/E. LUCAS ROAD SIX-INCH WATERLINE LOOP			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2018-2019	9	Water	Planning
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$113,530 September 2016 Estimate		To Be Determined	
PROJECT DESCRIPTION			
This project will improve water quality and fire protection to 32 homes.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2018		2019	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
A) Edgefield Lane/West Lucas Road Six-Inch Waterline Loop			
Mobilization, Bonds and Insurance	1	\$3,150.00	\$3,150
All Traffic Control, Barricading and Signing Measures	1	\$2,000.00	\$2,000
Temporary erosion control including operational control of SW3P	1	\$4,000.00	\$4,000
Cut and Plug Existing 2" Water Line	1	\$450.00	\$450
Furnish and Install Trench Safety system, design and implementation	535	\$1.75	\$936
Cut Out and Remove Existing 12" Water Line as needed, Furnish and Install 12"x6" Tee	2	\$2,750.00	\$5,500
Cut Out and Remove Existing 6" Water Line as needed, Furnish and Install 6"x6" Tee	1	\$1,850.00	\$1,850
Connect to Existing 6" Water Line	1	\$500.00	\$500
Furnish and Install 6" Gate Valve	2	\$1,500.00	\$3,000
Furnish and Install Fire Hydrant, Including 6" Gate Valve and Riser	1	\$3,750.00	\$3,750
Furnish and Install 6" AWWA C900 DR-18 w/Class "B" Embedment	535	\$45.00	\$24,075
Furnish and Install 6" AWWA C900 DR-18 w/14" Steel Casing by Boring and Jacking	50	\$275.00	\$13,750
Furnish and Install Long Service Water Line	2	\$1,250.00	\$2,500
Furnish and Place Block Sodding, including all Fertilization and Watering Until Established	100	\$7.00	\$700
Furnish and Place Grass Seed, including all Fertilization and Watering Until Established	280	\$1.25	\$350

	Edgefield Subtotal:		\$66,511
B) Cedar Bend Trail/E. Lucas Road Six-inch Waterline Loop			
Mobilization, Bonds and Insurance	1	\$1,350.00	\$1,350
All Traffic Control, Barricading and Signing Measures	1	\$ 5,000.00	\$5,000
Temporary erosion control including operational control of SW3P	1	\$ 1,000.00	\$1,000
Furnish and Install Trench Safety system, design and implementation	105	\$ 1.75	\$184
Cut Out and Remove Existing 12" Water Line as needed, Furnish and Install 12"x6" Tee	1	\$ 2,750.00	\$2,750
Connect to Existing 6" Water Line	1	\$ 500.00	\$500
Furnish and Install 6" Gate Valve	1	\$ 1,500.00	\$1,500
Furnish and Install 6" AWWA C900 DR-18 w/Class "B" Embedment	105	\$ 45.00	\$4,725
Furnish and Install 6" AWWA C900 DR-18 w/14" Steel Casing by Boring and Jacking	40	\$ 275.00	\$11,000
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	70	\$1.25	\$88
	Cedar Bend Trail Subtotal:		\$28,096
	Project Subtotal:		\$94,608
Construction Contingency (10%)	1	\$9,461.00	\$9,461
Engineering/Surveying/Geotechnical Services (10%)	1	\$9,461.00	\$9,461
	Total:		\$113,530
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

**GRAHAM LANE AND ROCK RIDGE COURT EIGHT-INCH WATERLINE LOOP
FROM COUNTRY CLUB ROAD TO ROCK RIDGE ROAD**

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2018-2019	10	Water	Planning

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$571,775 September 2016 Estimate	To Be Determined

PROJECT DESCRIPTION

This project will improve water quality and fire protection to 30 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

PROJECT MANAGER: City Engineer

PROJECT DETAILS

Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$22,500.00	\$22,500
Traffic Control/ Construction Signing	1	\$2,000.00	\$2,000
Erosion Control	1	\$13,000.00	\$13,000
Trench Safety	5,230	\$1.50	\$7,845
Furnish & install 6" PVC, including Class "B" embedment	3,115	\$35.00	\$109,025
Furnish & install 6" PVC, by bore and jacking	80	\$260.00	\$20,800
Furnish & install 6" PVC, by wet bore	185	\$75.00	\$13,875
Furnish & install 8" PVC, including Class "B" embedment	2,115	\$42.00	\$88,830
Furnish & install 8" PVC, by bore and jacking	90	\$280.00	\$25,200
Furnish & install 8" PVC, by wet bore	100	\$90.00	\$9,000
Furnish & install 6" Bend	1	\$2,250.00	\$2,250
Furnish & install 8" Bend	1	\$1,085.00	\$1,085
Furnish & install 6" Valve	1	\$400.00	\$400
Furnish & install 8" Valve	4	\$500.00	\$2,000
Furnish & install 8"x6" reducer	1	\$700.00	\$700
Connections to Existing Water Lines	1	\$10,000.00	\$10,000
Furnish & install Fire Hydrant, including lead and 6" valve	9	\$4,000.00	\$36,000
Cut and Plug Existing Water Lines	1	\$4,500.00	\$4,500
Remove Existing Fire Hydrant and Return to City	2	\$500.00	\$1,000
Furnish & install Water Service Connection	28	\$1,500.00	\$42,000
Block Sod	8,000	\$7.00	\$56,000
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	3,625	\$1.25	\$4,531
Construction Contingency (10%)	1	\$49,617	\$49,617

Engineering/Surveying Services (10%)	1	\$49,617	\$49,617
		Total:	\$571,775
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

SNIDER LANE EIGHT-INCH WATERLINE			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2018-2019	11	Water	Complete
FISCAL OVERVIEW			
Cost		Source of Funding	
\$594,549 September 2016 Estimate \$xxxx Actual		Impact Fees	
PROJECT DESCRIPTION			
This project is a requirement of the Lakeview Downs subdivision, add fire hydrants, and will improve water quality on the east side of Lucas.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2017		2018 - Complete	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$23,500.00	\$23,500
Traffic Control/ Construction Signing	1	\$6,500.00	\$6,500
Erosion Control	1	\$15,000.00	\$15,000
Trench Safety	6,075	\$1.50	\$9,113
Furnish & install 8" PVC, including Class "B" embedment	6,075	\$42.00	\$255,150
Furnish & install 8" PVC, by bore and jacking	80	\$280.00	\$22,400
Furnish & install 8" PVC Creek Crossing, by bore and jacking	50	\$330.00	\$16,500
Furnish & install 8" PVC, by wet bore	270	\$90.00	\$24,300
Furnish & install 8" Bend	1	\$3,150.00	\$3,150
Furnish & install 8" Tee	1	\$900.00	\$900
Furnish & install 8" Valve	7	\$500.00	\$3,500
Furnish & install Fire Hydrant, including lead and 6" valve	13	\$4,000.00	\$52,000
Connections to Existing Water Lines	1	\$4,000.00	\$4,000
Cut and Plug Existing Water Lines	1	\$2,225.00	\$2,225
Furnish & install Water Service Connection	20	\$1,500.00	\$30,000
Remove Existing Fire Hydrant and Return to City	1	\$500.00	\$500
Block Sod	1,000	\$7.00	\$7,000
Seeding	12,500	\$1.25	\$15,625
Construction Contingency (10%)	1	\$51,593	\$51,593
Engineering/Surveying Services (10%)	1	\$51,593	\$51,593
		Total:	\$594,549
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

GLENCOVE CIRCLE AND CRESTVIEW CIRCLE SIX-INCH EXTENSIONS TO BROCKDALE PARK ROAD EIGHT-INCH WATERLINE LOOPS			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2018-2019	12	Water	Planning
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$224,255 September 2016 Estimate		To Be Determined	
PROJECT DESCRIPTION			
This project will improve water quality and fire protection to 15 homes and add fire hydrants to the area.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2018		2019	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$9,000.00	\$9,000
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$5,100.00	\$5,100
Trench Safety	1,965	\$1.50	\$2,948
Furnish & install 6" PVC, including Class "B" embedment	1,965	\$35.00	\$68,775
Furnish & install 6" PVC, by bore and jacking	40	\$260.00	\$10,400
Furnish & install 6" PVC, by wet bore	180	\$75.00	\$13,500
Furnish & install 6" Bend	1	\$2,500.00	\$2,500
Furnish & install 6" Valve	2	\$400.00	\$800
Furnish & install Fire Hydrant, including lead and 6" valve	4	\$4,000.00	\$16,000
Connections to Existing Water Lines	1	\$7,750.00	\$7,750
Cut and Plug Existing Water Lines	1	\$4,000.00	\$4,000
Furnish & install Water Service Connection	14	\$1,500.00	\$21,000
Block Sod	3,000	\$7.00	\$21,000
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	1,375	\$1.25	\$1,719
Construction Contingency (10%)	1	\$19,382	\$19,382
Engineering/Surveying Services (10%)	1	\$19,382	\$19,382
		Total:	\$224,255
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

**HICKORY HILL STREET EIGHT-INCH WATERLINE
FROM STINSON ROAD TO BROOKHAVEN DRIVE**

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2019-2020	13	Water	Planning

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$226,383 September 2016 Estimate	To Be Determined

PROJECT DESCRIPTION

This project will improve water quality and fire protection to 12 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

PROJECT MANAGER: City Engineer

PROJECT DETAILS

Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$9,000.00	\$9,000
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$5,300.00	\$5,300
Trench Safety	2,120	\$1.50	\$3,180
Furnish & install 8" PVC, including Class "B" embedment	2,120	\$42.00	\$89,040
Furnish & install 8" PVC, by bore and jacking	40	\$280.00	\$11,200
Furnish & install 8" PVC, by wet bore	100	\$90.00	\$9,000
Furnish & install 8" Bend	1	\$1,500.00	\$1,500
Furnish & install 8" Valve	3	\$500.00	\$1,500
Connections to Existing Water Lines	1	\$5,000.00	\$5,000
Furnish & install Fire Hydrant, including lead and 6" valve	2	\$4,000.00	\$8,000
Cut and Plug Existing Water Lines	1	\$1,800.00	\$1,800
Furnish & install Water Service Connection	12	\$1,500.00	\$18,000
Remove Existing Fire Hydrant and Return to City	2	\$500.00	\$1,000
Block Sod	3,015	\$7.00	\$21,105
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	1,175	\$1.25	\$1,469
Construction Contingency (10%)	1	\$19,645	\$19,645
Engineering/Surveying Services (10%)	1	\$19,645	\$19,645
		Total:	\$226,383

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

MANOR LANE EIGHT-INCH WATERLINE

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2019-2020	14	Water	Planning

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$313,951 September 2016 Estimate	To Be Determined

PROJECT DESCRIPTION

This will eliminate an undersized four-inch line, add fire hydrants, and improve the water looping between Estelle Lane and Winningkoff Road.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

PROJECT MANAGER: City Engineer

PROJECT DETAILS

Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$12,500.00	\$12,500
Traffic Control/ Construction Signing	1	\$3,150.00	\$3,150
Erosion Control	1	\$7,500.00	\$7,500
Trench Safety	3,010	\$1.50	\$4,515
Furnish & install 8" PVC, including Class "B" embedment	3,010	\$42.00	\$126,420
Furnish & install 8" PVC, by bore and jacking	40	\$280.00	\$11,200
Furnish & install 8" PVC, by wet bore	115	\$90.00	\$10,350
Furnish & install 8" Bend	1	\$1,500.00	\$1,500
Furnish & install 8" Valve	3	\$500.00	\$1,500
Connections to Existing Water Lines	1	\$6,250.00	\$6,250
Furnish & install Fire Hydrant, including lead and 6" valve	6	\$4,000.00	\$24,000
Cut and Plug Existing Water Lines	1	\$2,000.00	\$2,000
Furnish & install Water Service Connection	6	\$1,500.00	\$9,000
Remove Existing Fire Hydrant and Return to City	5	\$500.00	\$2,500
Block Sod	5,025	\$7.00	\$35,175
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	1,675	\$1.25	\$2,094
Construction Contingency (10%)	1	\$27,148	\$27,148
Engineering/Surveying Services (10%)	1	\$27,148	\$27,148
		Total:	\$313,951

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

ROCK RIDGE ROAD 12-INCH WATERLINE FROM ESTATES PARKWAY TO FAIRBROOK CIRCLE AND FAIRBROOK CIRCLE EIGHT-INCH WATERLINE

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project Status
2019-2020	15	Water	Planning

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$491,953 September 2016 Estimate	To Be Determined

PROJECT DESCRIPTION

This project will improve water quality and fire protection to 23 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

PROJECT MANAGER: City Engineer

PROJECT DETAILS

Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$19,500.00	\$19,500
Traffic Control/ Construction Signing	1	\$5,000.00	\$5,000
Erosion Control	1	\$10,400.00	\$10,400
Trench Safety	4,165	\$1.50	\$6,248
Furnish & install 8" PVC, including Class "B" embedment	925	\$42.00	\$38,850
Furnish & install 8" PVC, by wet bore	100	\$90.00	\$9,000
Furnish & install 12" PVC, including Class "B" embedment	3,240	\$60.00	\$194,400
Furnish & install 12" PVC, by bore and jacking	40	\$320.00	\$12,800
Furnish & install 12" PVC, by wet bore	120	\$130.00	\$15,600
Furnish & install 12" Bend	1	\$3,000.00	\$3,000
Furnish & install 12" Tee	1	\$1,250.00	\$1,250
Furnish & install 8" Valve	5	\$500.00	\$2,500
Furnish & install 12" Valve	1	\$1,500.00	\$1,500
Furnish & install Fire Hydrant, including lead and 6" valve	9	\$4,000.00	\$36,000
Connections to Existing Water Lines	1	\$5,000.00	\$5,000
Cut and Plug Existing Water Lines	1	\$2,250.00	\$2,250
Furnish & install Water Service Connection	14	\$1,500.00	\$21,000
Remove Existing Fire Hydrant and Return to City	6	\$500.00	\$3,000
Block Sod	1,325	\$7.00	\$9,275
Seeding	8,000	\$1.25	\$10,000
Construction Contingency (10%)	1	\$42,690	\$42,690
Engineering/Surveying Services (10%)	1	\$42,690	\$42,690
		Total:	\$491,953

These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.

REPAINT MCGARITY 200,000-GALLON GROUND STORAGE TANK			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2019-2020	16	Water	Planning
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$150,150 September 2016 Estimate		To Be Determined	
PROJECT DESCRIPTION			
Repaint 200,000-gallon ground storage tank at McGarity Pump Station			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2019		2020	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$8,000.00	\$8,000
Repaint existing 200,000-gallon ground storage tank	1	\$120,000.00	\$120,000
Disinfect Tank	1	\$2,000.00	\$2,000
Construction Contingency (10%)	1	\$13,430.00	\$13,430
Engineering/Surveying Services (5%)	1	\$6,730	\$6,730
		Total:	\$150,150
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

ENCHANTED WAY/BROOKHAVEN DRIVE EIGHT-INCH WATERLINE			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2019-2020	17	Water	Planning
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$203,262 September 2016 Estimate		To Be Determined	
PROJECT DESCRIPTION			
This project will improve water quality and fire protection to 23 homes.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2019		2020	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$8,000.00	\$8,000
Traffic Control/ Construction Signing	1	\$500.00	\$500
Erosion Control	1	\$1,400.00	\$1,400
Trench Safety	3,235	\$1.50	\$4,853
Furnish & install 8" PVC, including Class "B" embedment	3,235	\$42.00	\$135,870
Furnish & install Fire Hydrant, including lead and 6" valve	1	\$4,000.00	\$4,000
Connections to Existing Water Lines	1	\$3,500.00	\$3,500
Block Sod	150	\$7.00	\$1,050
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	7,050	\$1.25	\$8,813
Construction Contingency (10%)	1	\$17,638	\$17,638
Engineering/Surveying Services (10%)	1	\$17,638	\$17,638
		Total:	\$203,262
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

ROCK RIDGE ROAD/LOVEJOY HIGH SCHOOL EIGHT-INCH WATER LINE			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project Status
2019-2020	18	Water	Planning
FISCAL OVERVIEW			
Estimated Cost		Source of Funding	
\$56,773 September 2016 Estimate		To Be Determined	
PROJECT DESCRIPTION			
This project improves the looping on the west side of the city and improves water quality and fire protection at the high school.			
PROJECT SCHEDULE			
Project Begin Year		Project Completion Year	
2019		2020	
PROJECT MANAGER: City Engineer			
PROJECT DETAILS			
Description	Estimated Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$2,250.00	\$2,250
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$1,800.00	\$1,800
Trench Safety	770	\$1.50	\$1,155
Furnish & install 8" PVC, including Class "B" embedment	770	\$42.00	\$32,340
Furnish & install 8" Bend	1	\$750.00	\$750
Connections to Existing Water Lines	1	\$5,500.00	\$5,500
Furnish and Place Grass Seed, Including all Fertilization and Watering Until Established	1,700	\$1.25	\$2,125
Construction Contingency (10%)	1	\$4,927	\$4,927
Engineering/Surveying Services (10%)	1	\$4,927	\$4,927
		Total:	\$56,773
<i>These numbers were estimated and generated by BW2 Engineers in September 2016. The costs associated with rights-of-way, easements, property acquisition, permitting, mitigation, construction testing, and inspection are not included in the following information estimated and generated by BW2 Engineers.</i>			

EXHIBIT "A"

CITY OF LUCAS

**Water and Roadway
Impact Fees**

Prepared for

City of Lucas



September 13, 2018

Water and Roadway Impact Fees

PURPOSE

The purpose of this document is to provide the City of Lucas with the results of the current impact fee update of the water and roadway impact fees required for the ordinance regarding the City's water and roadway impact fees.

METHODOLOGY

- Review land use assumptions.
- Review and update population projections.
- Prepare 10-year CIP for the water system improvements based on land use assumptions and population projections.
- Prepare 10-year CIP for roadway improvements based on land use assumptions and population projections.
- Calculate water impact fee based on 10-year CIP for water system improvements.
- Calculate roadway impact fee based on 10-year CIP for roadway improvements.

LAND USE ASSUMPTIONS

The land use assumptions for the City were recently updated as part of the recent update of the City's Comprehensive Plan. Since the land use assumptions are current, they were reviewed as they affect the service areas for the water and roadway impact fees and utilized for this impact fee update. The current land use assumptions are consistent with the land use assumptions utilized in the previous impact fee update.

POPULATION PROJECTIONS

The present population has been estimated at approximately 8,405. Under present economic conditions, it is anticipated that growth will continue to be steady and that the service area will continue to experience a consistent and even population growth through the next 10 years. Consequently, the population growth for the next 10-year period is projected to be approximately 3,640 new residents.

CAPITAL IMPROVEMENTS PLAN

Water CIP

The 10-year Capital Improvements Plan (CIP) for water system improvements is shown on the Exhibit included in Appendix A. This 10-year water CIP is based on projected demand in the service area, resulting from the land use assumptions and the population projections. Lists of the eligible projects with their estimated project costs are shown on the two tables of water system improvement projects included in Appendix A. One of the tables lists the pumping and storage facilities and the other table lists the water lines.

Water and Roadway Impact Fees

Roadway CIP

The 10-year Capital Improvements Plan (CIP) for roadway improvements is shown on the Exhibit included in Appendix B. This 10-year roadway CIP is based on projected demand in the City, resulting from the land use assumptions and the population projections. A list of the eligible projects with their estimated project costs is included in Appendix B.

IMPACT FEE CALCULATIONS

Water Impact Fee

The maximum water impact fee has been calculated to be \$3,473.00 for a 3/4 inch meter and \$4,862.00 for a 1 inch meter. The maximum water impact fee allowed was based on utilizing the credit approach for calculating this fee. The calculations for the maximum water impact fee are included in Appendix C. Also included in Appendix C is the conversion table, which shows the maximum water impact fees allowed for the different size meters (utilizing the 3/4 inch meter as the service unit equivalent with an impact fee of \$3,473.00 per 3/4 inch meter).

Roadway Impact Fee

The maximum assessable roadway impact fee per service unit (vehicle mile) has been calculated to be \$2,133.77. The roadway impact fee calculations are shown in Appendix D. These calculations are based on the demands anticipated to be placed on the City's roadway systems over the next 10 years due to residential growth and commercial growth. Also included in Appendix D are the impact fees per development unit, based on vehicle miles attributed to different types of land use.

Summary of Recommended Water Impact Fees by Equivalent Meter Size

TABLE III-13
CITY OF LUCAS, TEXAS
MAXIMUM WATER IMPACT FEES

Water Service Unit	AWWA Meter Ratio	Existing Water Impact Fee	Calculated Max. Water Impact Fee
5/8" & 3/4" Meters	1.0	\$3,928	\$3,473
1"	1.4	\$5,500	\$4,862
2"	4.0	\$15,714	\$13,893
4"	24.0	\$98,194	\$83,356
6"	50.0	\$204,572	\$173,659
8"	72.0	\$294,583	\$250,069

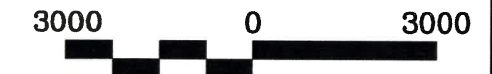
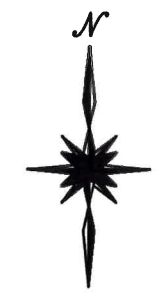


Land-Use Vehicle-Mile Equivalency Table

Land Use	Dev. Unit	Trip Rate	Trip Length	Veh-Mi Per Dev Unit	x	Impact Fee per Veh-Mi	=	Impact Fee Per Dev Unit
Residential								
Residential	DU	1.01	4.20	4.24	x	\$2,133.77	=	\$9,047.18
Other Not Specified	DU	1.01	4.20	4.24	x	\$2,133.77	=	\$9,047.18
Office								
General Office Building	1000 Sq. ft.	1.49	4.80	7.15	x	\$2,133.77	=	\$15,256.46
Medical/ Dental Office	1000 Sq. ft.	3.72	4.80	17.86	x	\$2,133.77	=	\$38,109.13
Other Not Specified	1000 Sq. ft.	1.49	4.80	7.15	x	\$2,133.77	=	\$15,256.46
Retail/Commercial								
Shopping Center	1000 Sq. ft.	2.48	3.20	7.94	x	\$2,133.77	=	\$16,942.13
Home Improvement Superstore	1000 Sq. ft.	1.72	1.95	3.35	x	\$2,133.77	=	\$7,148.13
Super Market	1000 Sq. ft.	6.69	1.05	7.02	x	\$2,133.77	=	\$14,979.07
Restaurant	1000 Sq. ft.	6.12	1.90	11.63	x	\$2,133.77	=	\$24,815.75
Fast Food with Drive Thru	1000 Sq. ft.	17.32	2.15	37.24	x	\$2,133.77	=	\$79,461.59
Gasoline/Service Station with Conv	Fueling Positions	5.89	0.90	5.30	x	\$2,133.77	=	\$11,308.98
Hotel	Rooms	0.59	3.20	1.89	x	\$2,133.77	=	\$4,032.83
Bank with Drive Thru	1000 Sq. ft.	27.44	1.25	34.30	x	\$2,133.77	=	\$73,188.31
Others Not Specified	1000 Sq. ft.	2.48	3.20	7.94	x	\$2,133.77	=	\$16,942.13
Light Industrial								
General Light Industrial	1000 Sq. ft.	0.98	3.30	3.23	x	\$2,133.77	=	\$6,892.08
Industrial Park	1000 Sq. ft.	0.86	3.30	2.84	x	\$2,133.77	=	\$6,059.91
Mini Warehouse (Self Storage)	1000 Sq. ft.	0.26	3.30	0.86	x	\$2,133.77	=	\$1,835.04
Others Not Specified	1000 Sq. ft.	0.98	3.30	3.23	x	\$2,133.77	=	\$6,892.08
Institutional								
Primary/ Middle School	Students	0.15	2.10	0.32	x	\$2,133.77	=	\$682.81
High School	Students	0.14	2.10	0.29	x	\$2,133.77	=	\$618.79
Day Care Center	Students	0.83	2.10	1.74	x	\$2,133.77	=	\$3,712.76
Church	1000 Sq. ft.	0.66	1.45	0.96	x	\$2,133.77	=	\$2,048.42
Others Not Specified	1000 Sq. ft.	0.66	1.45	0.96	x	\$2,133.77	=	\$2,048.42

NOTES:

1. THIS MAP WAS PREPARED FOR AND INTENDED TO BE A GENERAL GUIDE ONLY. DUE TO GRAPHIC REQUIREMENTS SOME AREAS ARE NOT TO SCALE.

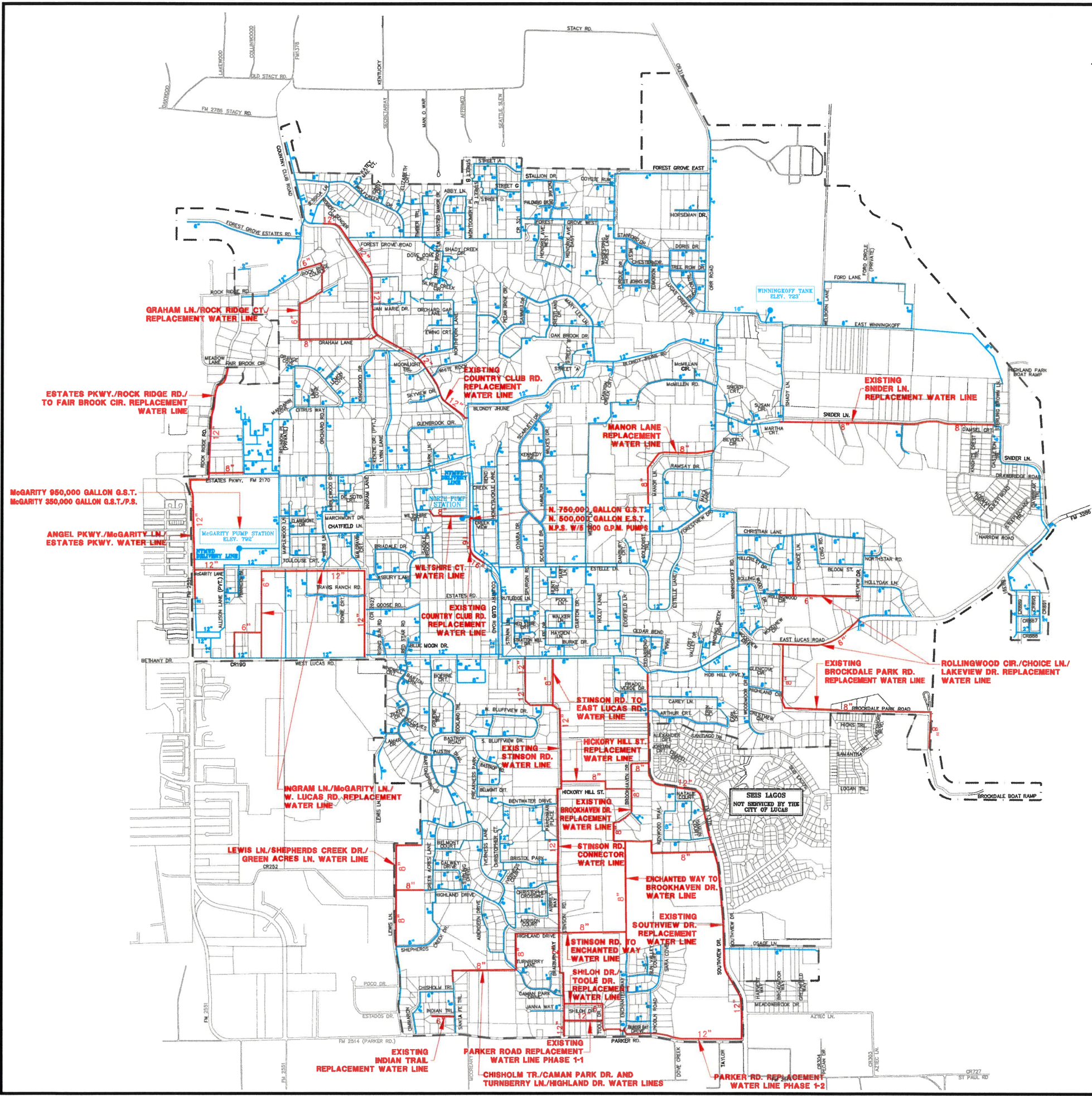


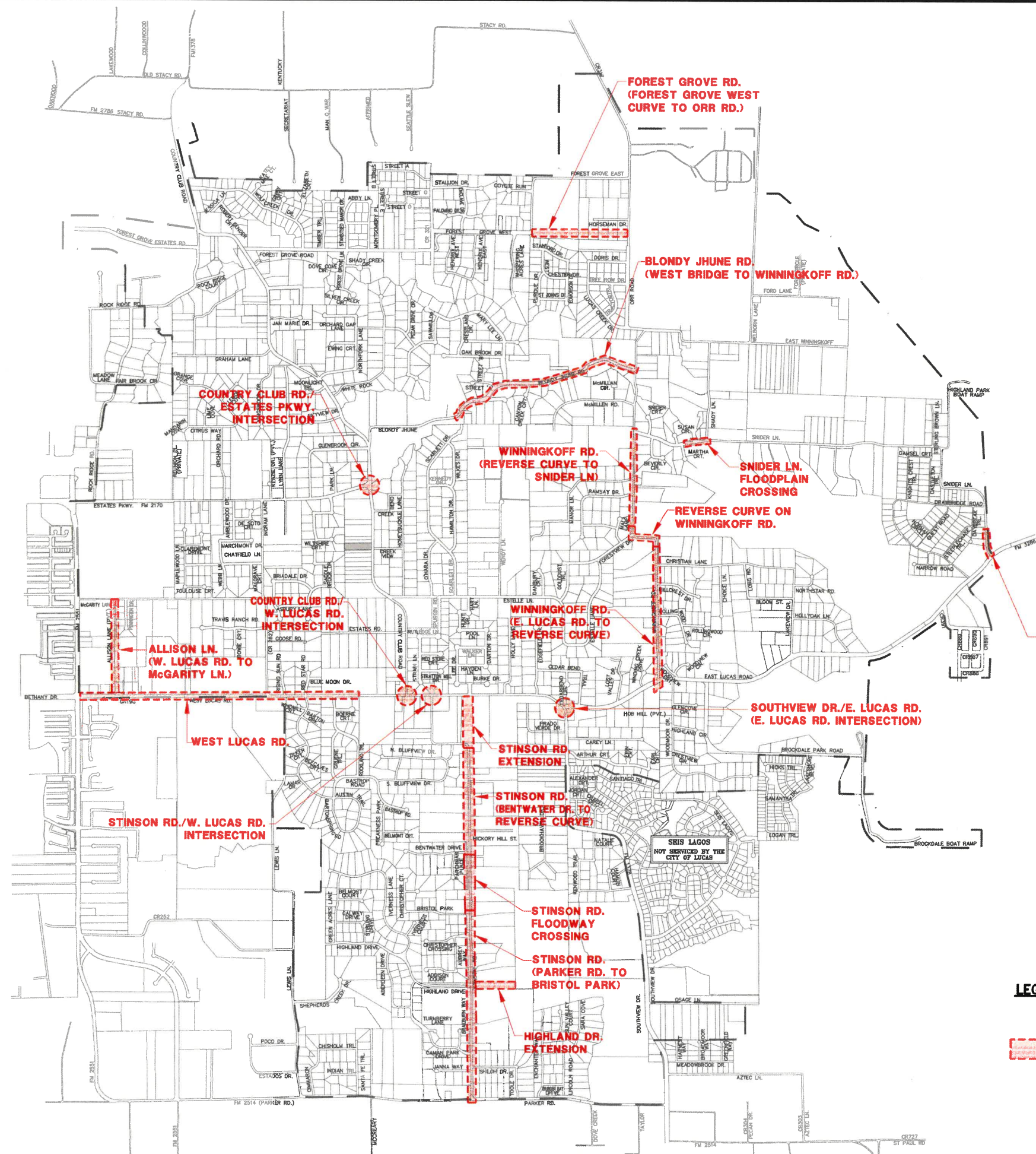
THE 10 YEAR CIP INCLUDES CAPACITY IN THE FOLLOWING:

1. EXISTING NORTH 750,000 GALLON GROUND STORAGE TANK.
2. EXISTING McGARITY 350,000 GALLON GROUND STORAGE TANK/PUMP STATION.
3. EXISTING 12" COUNTRY CLUB ROAD REPLACEMENT WATER LINE.
4. EXISTING 12" SOUTHVIEW DRIVE REPLACEMENT WATER LINE.
5. EXISTING 8" BROOKHAVEN DRIVE REPLACEMENT WATER LINE.
6. EXISTING 8" BROCKDALE PARK ROAD REPLACEMENT WATER LINE.
7. EXISTING 12" STINSON ROAD REPLACEMENT WATER LINE.
8. EXISTING 16" COUNTRY CLUB ROAD REPLACEMENT WATER LINE.
9. EXISTING 12" PARKER ROAD REPLACEMENT WATER LINE PH. 1-1.
10. EXISTING 6" INDIAN TRAIL REPLACEMENT WATER LINE.
11. EXISTING 8" SNIDER LANE REPLACEMENT WATER LINE.

LEGEND:

- SERVICE AREA LIMITS
- EXISTING WATER LINES
- IMPACT FEE ELIGIBLE WATER LINES AND FACILITIES





NOTES:

1. THIS MAP WAS PREPARED FOR AND INTENDED TO BE A GENERAL GUIDE ONLY. DUE TO GRAPHIC REQUIREMENTS SOME AREAS ARE NOT TO SCALE.



LEGEND:

 STREET PROJECT AREA





City of Lucas

665 Country Club Road
Lucas, Texas 75002
972.727.8999
www.lucastexas.us

September 17, 2018

To: City Council

RE: Planning and Zoning Commission in their capacity as the Capital Improvement Advisory Committee, Report and Written Comments on Updates to the Capital Improvement Plan, Land Use Assumptions, and Impact fees

The City began the process of updating the Comprehensive Plan, Capital Improvement Plan (CIP), and land use assumptions in 2014. In April 2015 Metropolitan Infrastructure was retained to update the City's Comprehensive Plan, and final updates were brought before the Planning and Zoning Commission in February 2017. After extensive review by the Commission, all proposed recommended changes by the Commission were incorporated into the document and approved by the City Council. In 2018, BW2 Engineers was retained to update the City's impact fees based on the amended CIP and land use assumptions.

The latest revisions to the CIP since its approval in 2017 were updates to projects and timelines. The Planning and Zoning Commission reviewed the updated CIP, land use assumptions, and impact fees at their September 13, 2018 Capital Improvement Advisory Committee meeting held as part of the regularly scheduled Planning and Zoning Commission meeting. The only changes recommend from the Commission were minor formatting errors, and clarification items which will be included in the document sent to City Council.

With the updated land use assumptions from the CIP, the impact fees have changed. The current adopted impact fees are \$1,040 per vehicle mile, or service unit for \$4,400 for a single-family home for roadways, and \$3,928.57 per service unit for water, making the water impact fee \$5,500 for a one-inch meter. (the most commonly used meter).

The amended maximum impact fees for road and water are as follows:

- Water service unit of \$3,473.00, equivalent to \$4,862.00 for a one-inch meter the most commonly used size.
- Road service unit of \$2,133.77, equivalent to \$9,047.18 for a single-family home.

The Planning and Zoning Commission recommends the following:

- Adopting a water impact rate of \$3,473.00, equivalent to \$4,862.00 for a one-inch meter the most commonly used size.
- A road impact rate of \$1,188.21, equivalent to \$5,038 for a single-family home.

These impact rates proposed will provide a small decrease in water impact fees, and a slight increase in road impact fees. These rates maintain the City at three percent or less of the project cost for all City fees.

This report shall serve as the Advisory Committee's written comments pursuant to Section 395.056 of the Texas Local Government Code.



City of Lucas

City Council Agenda Request

November 1, 2018

Item No. 04

Requester: Special Projects Coordinator Kent Souriyasak

Agenda Item Request

Discuss results of the Technology and Communication Survey and authorize the formation of a Community Technology Advisory Board for voluntary residents to consider solutions in improving the City's technology and internet services.

Background Information

The Technology and Communication Survey was available electronically and in paper form to residents from September 24 through October 19. The survey was designed to explore strategies to address deficiencies and identify solutions to technology-related services available to Lucas residents.

The survey consists of three components: (1) Residential Information, (2) Technology-related Services and (3) General Communication Questions. The survey grouped residents into four zones within the City limits and consisted of 14 multiple choice questions and one open feedback question. As of October 23, there was a total number of 400 surveys submitted to the City.

Attachments/Supporting Documentation

1. Technology and Communication Survey Results

Budget/Financial Impact

NA

Recommendation

Special Projects Coordinator Kent Souriyasak recommends the formation of a Community Technology Advisory Board to include voluntary residents in discussing strategies and solutions to improve the City's technology and internet services.

Motion

I make a motion to authorize the formation of a Community Technology Advisory Board for voluntary residents to discuss strategies and solutions in improving the City's technology and internet services.



City of Lucas
665 Country Club Road
Lucas, Texas 75002
972.727.8999
www.lucastexas.us

MEMORANDUM

To: Mayor and City Council

Copy: Joni Clarke, City Manager

From: Kent Souriyasak, Special Projects Coordinator

Re: Technology & Communication Survey

Date: October 25, 2018

As of October 23, the City of Lucas has received 400 surveys submitted in-paper and electronically from residents. The survey was designed to explore strategies to address deficiencies and identify solutions to technology-related services available to Lucas residents. The survey consists of three components: (1) Residential Information, (2) Technology-related Services, and (3) General Communication Questions.

The following attachments are the results of the Technology & Communication Survey. The results are divided into the following:

- I. Overall Summary of Results
 - i. Residential Information
 - ii. Technology-related Services
 - iii. General Communication Questions
- II. Summary of Zone Results
 - i. Survey Zoning Map
 - ii. Zone 1
 - iii. Zone 2
 - iv. Zone 3
 - v. Zone 4
 - vi. Additional Comments

Based on the results and findings from the additional comments, I recommend the formation of a Community Technology Advisory Board to involve voluntary Lucas residents in discussing strategies and solutions to improve the City's technology and internet services.

Overall Summary of Results

Technology & Communication Survey

RESIDENTIAL INFORMATION

1 Please tell us the subdivision/neighborhood you live in:

Amherst Estates	5	Horseman Drive	2
Austin Trails	3	Huntwick Estates	16
Barry Farms	2	Kingswood Estates	3
Belmont Park	3	Kirkland Estates West	9
Blondy Jhune	3	Lakeview Estates	4
Bois D'Arc Manor Estates	2	Lemontree Estates	6
Bristol Park	1	Lucas Creek Estates	11
Broadmoor Estates	9	Lynn Lane	1
Brookhaven Ranch Estates	3	McGarity Lane	1
Carey Lane	1	McMillen Estates	4
Choice Acres	1	North Fork	4
Christian Lane	3	Pecan Grove	1
Cimarron	2	Petway Farms	2
Claremont Springs	11	Prado Verde	1
Coelen Addition	1	Ranch at Pecan Grove	3
Country Club	2	Ranch Estates	1
Creekside Estates	3	Reserve at Forest Grove	1
Creekwood Estates	3	Rockland Farms	7
Dream on a Creek	1	Rolling Hills	1
Edgefield Lane	2	Rollingwood	3
Edgewood Estates	5	Saddlebrook Estates	12
Ella Brooke Estates	2	Skyview Estates	2
Enchanted Creek	4	Snider Lane	4
Estates of Camden	6	Southview	1
Fitzhugh	1	Stinson Highlands	7
Ford Ranch	1	Stonegate	13
Forest Creek Estates	9	Suckling Estates	1
Forest Grove	5	Tara	8
Fox Glen	2	The Enclave	2
Gabriel Fitzhugh	1	The Meadows	2
Glenbrook Estates	7	Tokalaun Park & Estuary	2
Graham Lane	2	Travis Ranch Estates	2
Green Meadows Estate	4	Trinity Hills	1
Greengate	1	Wendy Lane	3
Heritage Estates	1	White Rock Estates	5
Hidden Meadows	1	Willow Creek	3
Hillcrest Ranch Estates	2	Winding Creek Reserve	1
Holly Lane	1	Windmere Estates	1
Holyoak Lane	1	Winningkoff	1
Honeysuckle Lane	1	Wolf Creek	10
		Woodmoor	3

TOTAL RESPONSES 283

2 Which Geographical Area do you reside in?

Zone 1	88
Zone 2	111
Zone 3	124
Zone 4	69
N/A	8

TOTAL RESPONSES 400

TECHNOLOGY

3 Do you have access to the internet?

Yes	386
No	14
TOTAL RESPONSES	400

4 If yes, who is your Internet Service Provider?

AT&T	169
Cellular Card	1
Frontier	81
Grande Communications	1
HughesNet	13
Rise Broadband	87
SuddenLink	30
Time Warner/Spectrum	
<i>Other</i>	26
<i>Dishnet</i>	2
<i>Verizon</i>	4
<i>Viasat</i>	5
TOTAL RESPONSES	419

5 What level of internet speed do you purchase?

5 MB or less	64
20 MB or less	120
100 MB or less	119
> 100 MB	34
TOTAL RESPONSES	337

6 What delivery method for your Internet service?

Cable	29
Cellular	28
DSL	81
Fiber	120
Hot Spot	6
Satellite	35
Twisted Pair	17
<i>Other</i>	5
<i>Air Direct Sight</i>	1
<i>Antenna</i>	4
<i>Broadband</i>	2
<i>Fixed Tower</i>	2
<i>Hybrid</i>	1
<i>Line of Sight</i>	4
<i>Microwave</i>	4
<i>Radio</i>	5
<i>RF</i>	1
<i>Sight to Sight</i>	1
<i>VOIP</i>	1
<i>Water Tower</i>	8
<i>Wireless</i>	9
TOTAL RESPONSES	364

7 Please rate your level of satisfaction with your internet service provider.

Very Satisfied	56
Satisfied	140
Dissatisfied	125
Very Dissatisfied	45
TOTAL RESPONSES	366

COMMUNICATION

8 What is your overall opinion of City of Lucas communication?

Excellent	107
Very Good	172
Fair	72
Poor	34
TOTAL RESPONSES	385

9 How often do you use and/or access the City's website?

Never	55
Seldom	172
Sometimes	142
Frequently	121
TOTAL RESPONSES	490

10 How do you currently receive information about the City?

City Website	159
Face-to-Face/Word of Mouth	67
Lucas Leader	332
Mailers	25
Newspapers	31
Nixle	156
Signage	138
Social Media	134
TOTAL RESPONSES	1042

**11 What is your preferred way to receive news and information about the City?
(Rank Order: 1=Most Important, etc.)**

	1	2	3	4	5	6	7	8
City Website	65	91	55	47	15	3	2	1
Face-to-Face/Word of Mouth	9	4	13	18	16	40	26	13
Lucas Leader	254	74	30	9	7	3	0	0
Mailers	18	14	32	14	20	12	20	25
Newspaper	4	5	8	5	13	13	32	34
Nixle	103	36	35	14	16	5	7	7
Signage	26	14	43	50	33	28	5	5
Social Media	43	29	38	30	34	16	4	8
TOTAL RESPONSES	522	267	254	187	154	120	96	93

12 What types of information are you interested in?

Breaking News	350
City Council Actions & Decisions	304
City Meeting & Agendas	263
City Programs & Services	214
Community Events	302
Law Enforcement & Fire Alerts	300
Policy & Ordinance Information	246
Public Notices	236
Special Projects	238
Other	3
Crime	1
Garage Sales	1
History	1
Internet	4
Road Construction	4
Volunteer	1
TOTAL RESPONSES	2468

13 How frequently do you read the Lucas Leader?

Never	1
Seldom	6
Sometimes	20
Frequently	371
TOTAL RESPONSES	398

**14 The City is considering the implementation of video streaming City Council meetings.
How likely would you be to utilize this program?**

Never	44
Seldom	116
Sometimes	171
Frequently	52
TOTAL RESPONSES	383

Summary of Zone Results

Technology & Communication Survey

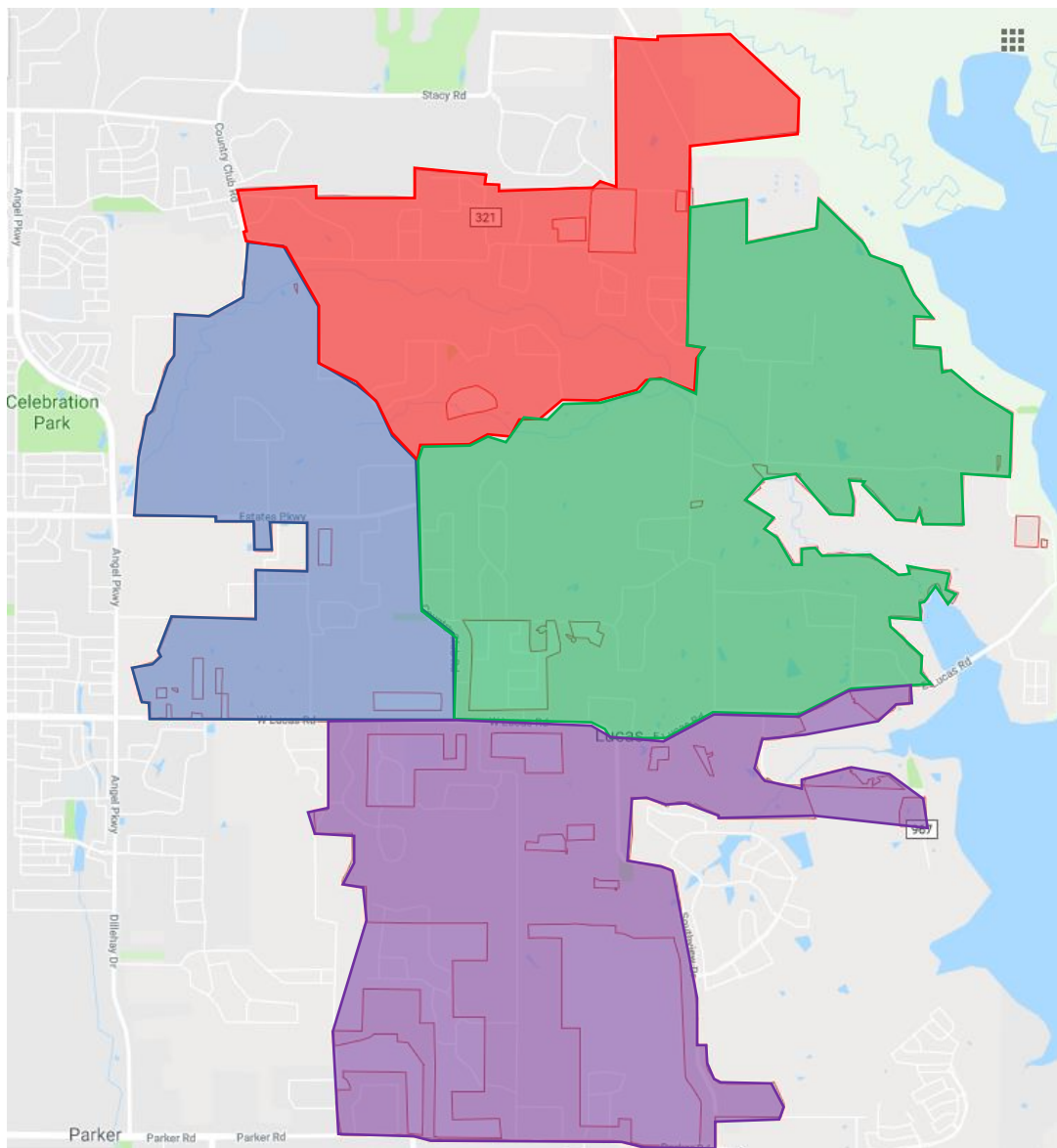
SURVEY ZONING MAP

Zone 1 – North of West Lucas Rd. & West of Country Club Rd. (FM 1378)

Zone 2 – East of Country Club Rd., North of Blondy Jhune Rd., & West of Orr Rd.

Zone 3 – East of Country Club Rd., South of Blondy Jhune Rd., North of East Lucas Rd., & East of Orr Rd.

Zone 4 – South of West Lucas Rd. & South of East Lucas Rd.



ZONE 1 Total Surveys Submitted 88

Subdivision/Neighborhood

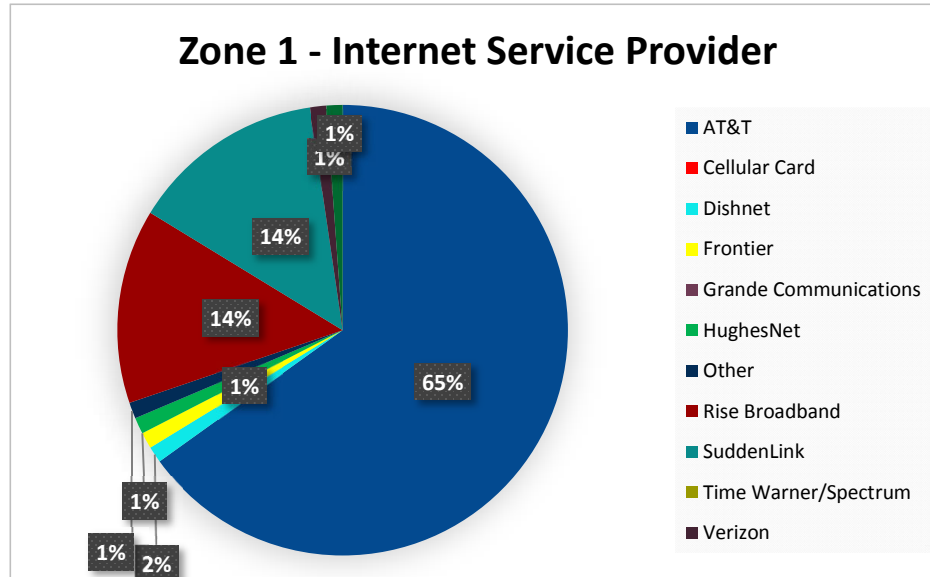
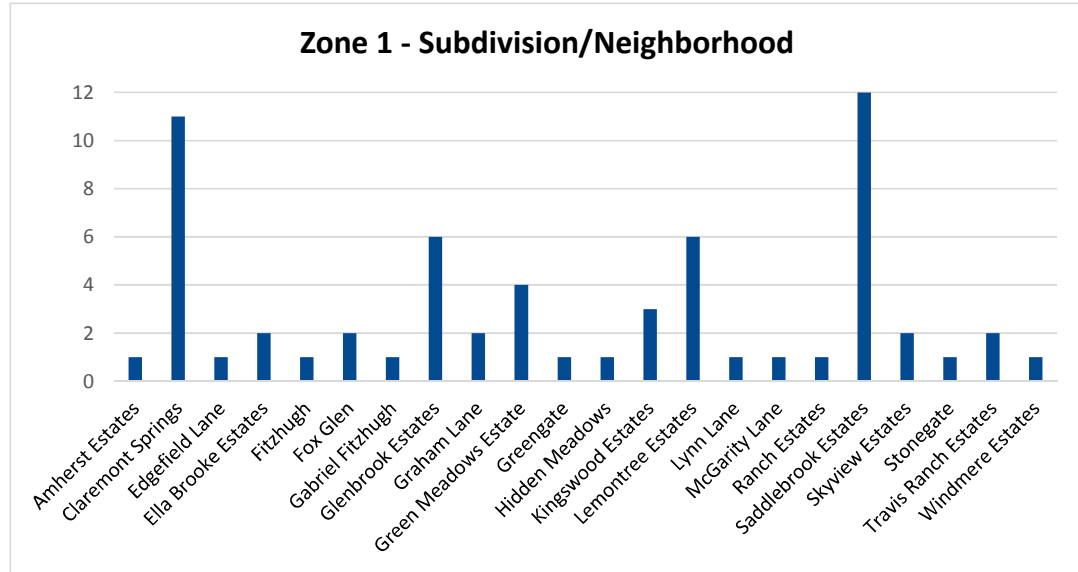
Amherst Estates	1
Claremont Springs	11
Edgefield Lane	1
Ella Brooke Estates	2
Fitzhugh	1
Fox Glen	2
Gabriel Fitzhugh	1
Glenbrook Estates	6
Graham Lane	2
Green Meadows Estate	4
Greengate	1
Hidden Meadows	1
Kingswood Estates	3
Lemontree Estates	6
Lynn Lane	1
McGarity Lane	1
Ranch Estates	1
Saddlebrook Estates	12
Skyview Estates	2
Stonegate	1
Travis Ranch Estates	2
Windmere Estates	1

TOTAL RESPONSES 63

Internet Service Provider

AT&T	56
Cellular Card	
Dishnet	1
Frontier	1
Grande Communications	
HughesNet	1
Other	1
Rise Broadband	12
SuddenLink	12
Time Warner/Spectrum	
Verizon	1
Viasat	1

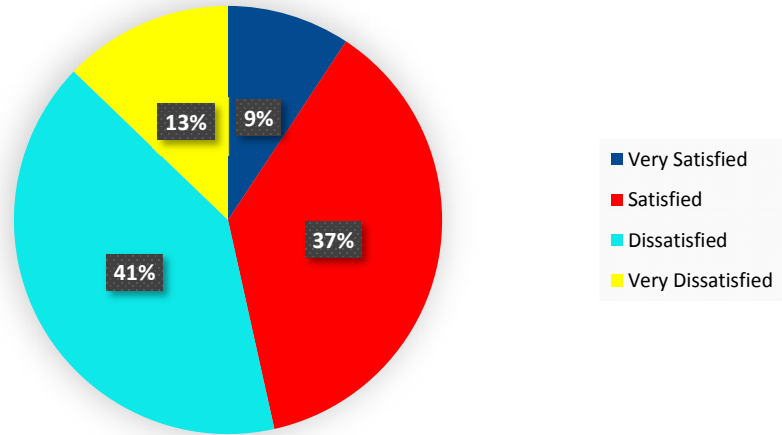
TOTAL RESPONSES 86



Internet Satisfaction

Very Satisfied	8
Satisfied	32
Dissatisfied	35
Very Dissatisfied	11
TOTAL RESPONSES	86

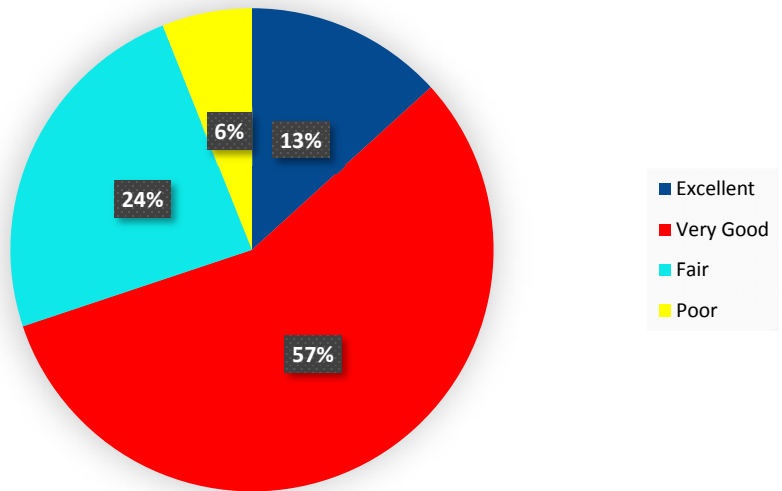
Zone 1 - Internet Satisfaction



City of Lucas Communication

Excellent	11
Very Good	47
Fair	20
Poor	5
TOTAL RESPONSES	83

Zone 1 - City Communication



ZONE 2 Total Surveys Submitted 111

Subdivision/Neighborhood

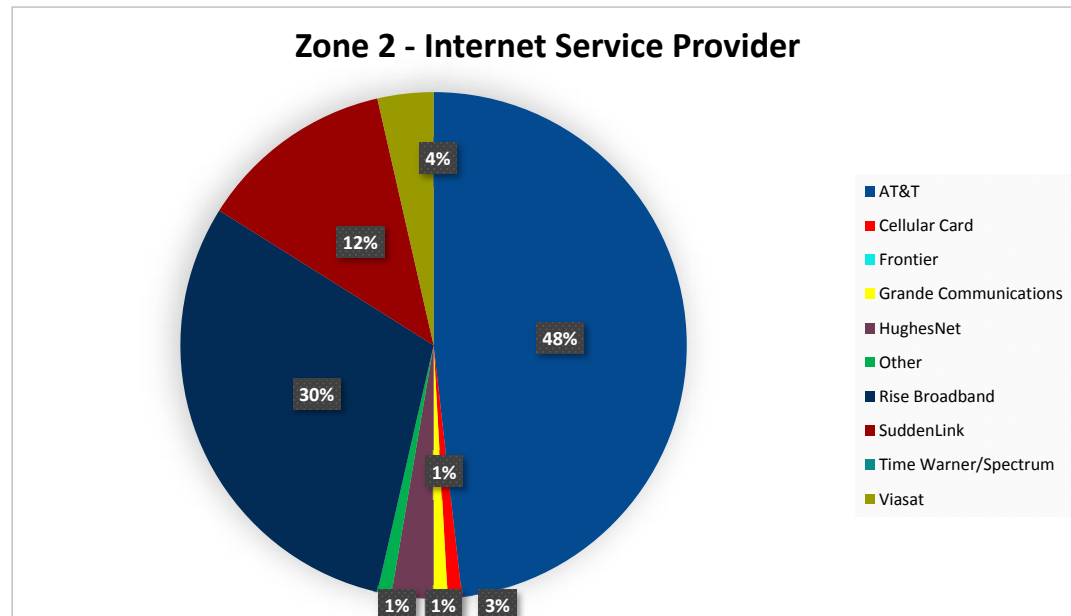
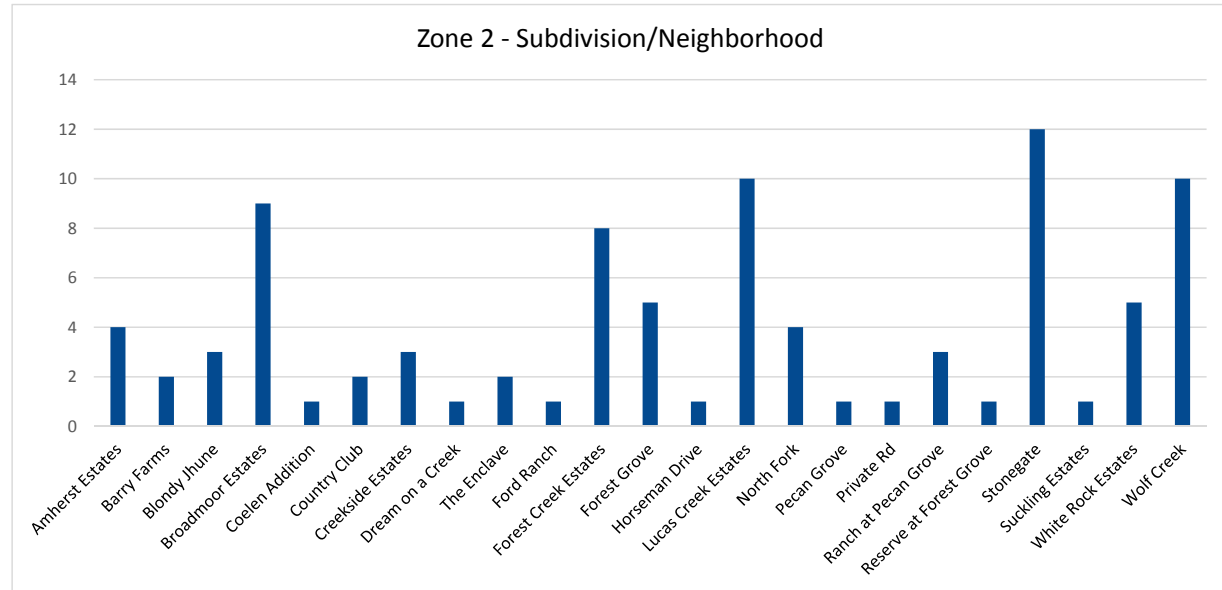
Amherst Estates	4
Barry Farms	2
Blondy Jhune	3
Broadmoor Estates	9
Coelen Addition	1
Country Club	2
Creekside Estates	3
Dream on a Creek	1
The Enclave	2
Ford Ranch	1
Forest Creek Estates	8
Forest Grove	5
Horseman Drive	1
Lucas Creek Estates	10
North Fork	4
Pecan Grove	1
Private Rd	1
Ranch at Pecan Grove	3
Reserve at Forest Grove	1
Stonegate	12
Suckling Estates	1
White Rock Estates	5
Wolf Creek	10

TOTAL RESPONSES 90

Internet Service Provider

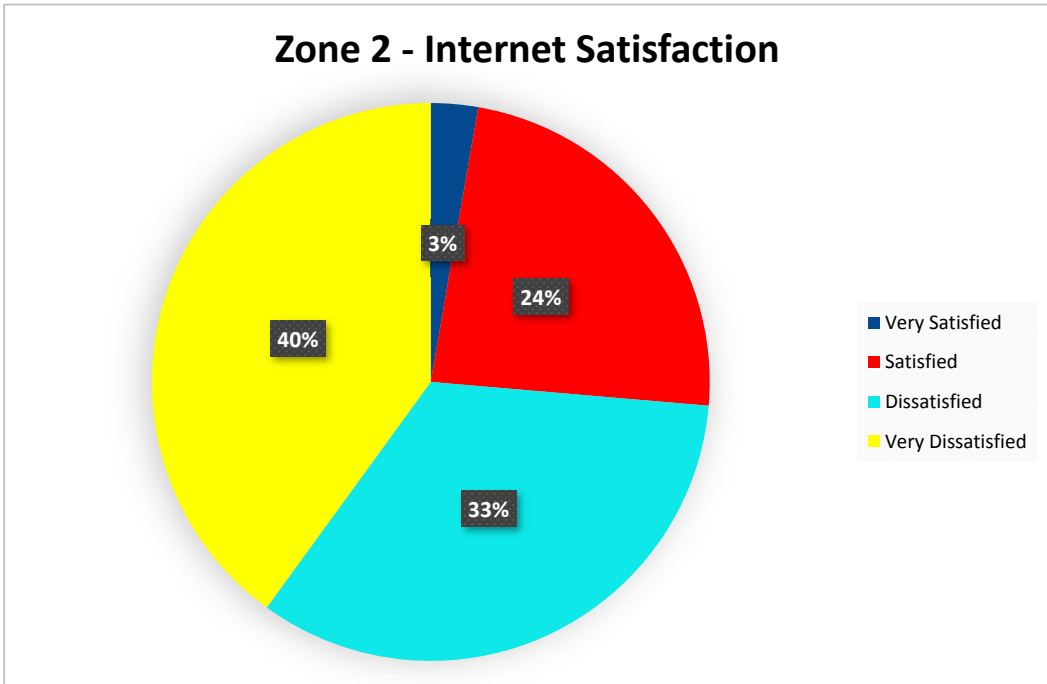
AT&T	54
Cellular Card	1
Frontier	
Grande Communications	1
HughesNet	3
Other	1
Rise Broadband	34
SuddenLink	14
Time Warner/Spectrum	
Viasat	4

TOTAL RESPONSES 112



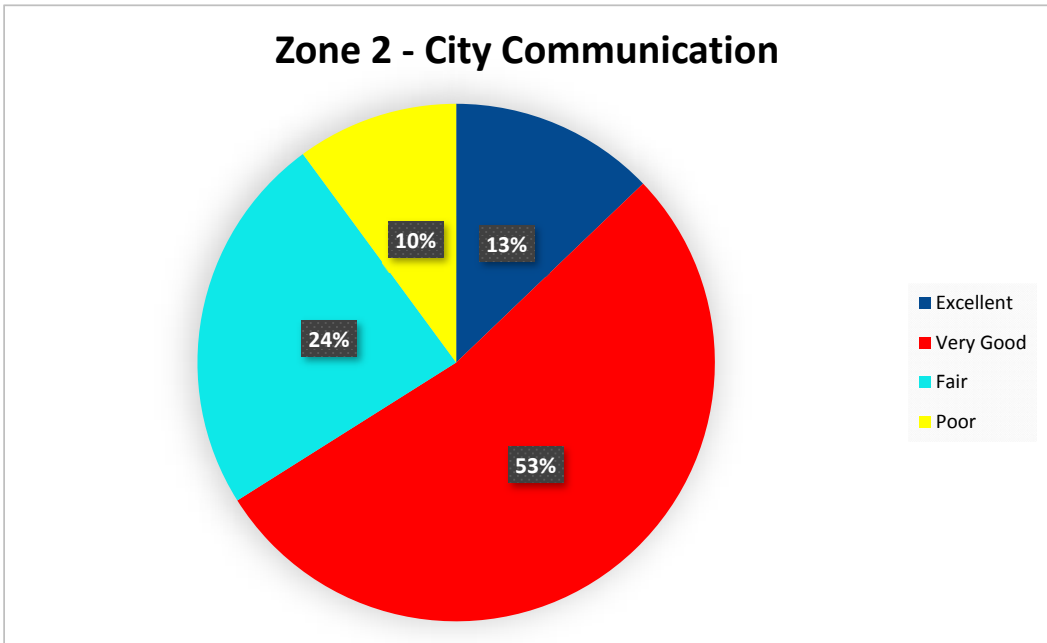
Internet Satisfaction

Very Satisfied	3
Satisfied	26
Dissatisfied	37
Very Dissatisfied	44
TOTAL RESPONSES	110



City of Lucas Communication

Excellent	14
Very Good	58
Fair	26
Poor	11
TOTAL RESPONSES	109



ZONE 3 Total Surveys Submitted 124

Subdivision/Neighborhood

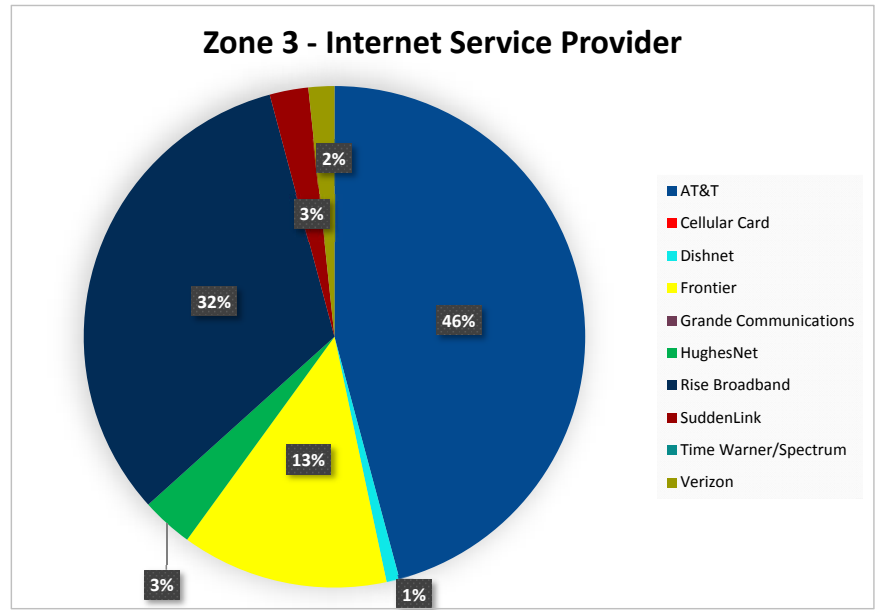
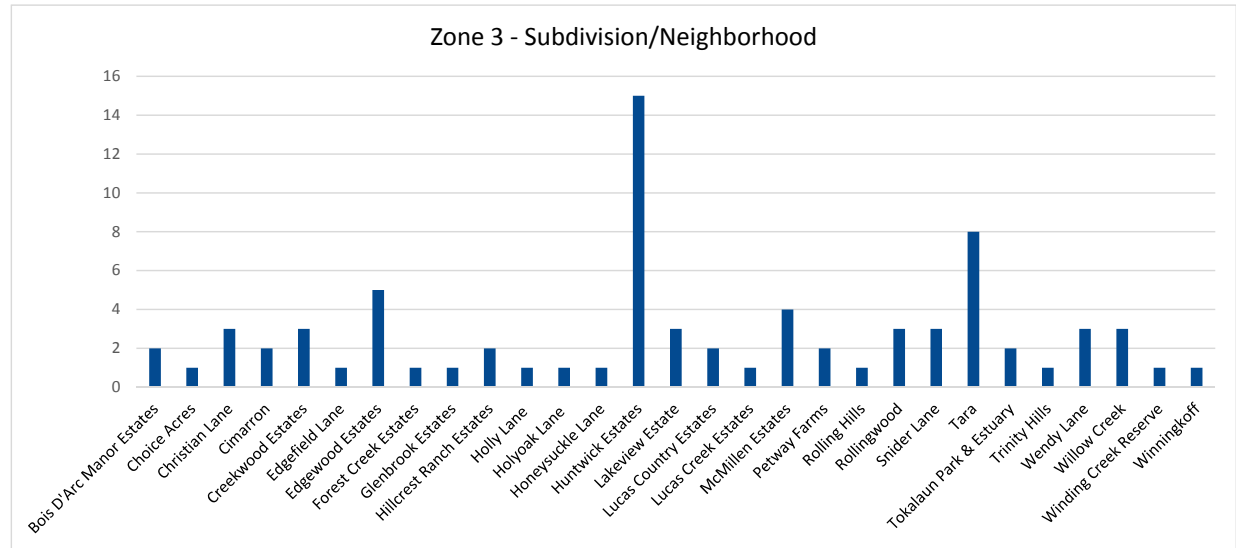
Bois D'Arc Manor Estates	2
Choice Acres	1
Christian Lane	3
Cimarron	2
Creekwood Estates	3
Edgefield Lane	1
Edgewood Estates	5
Forest Creek Estates	1
Glenbrook Estates	1
Hillcrest Ranch Estates	2
Holly Lane	1
Holyoak Lane	1
Honeysuckle Lane	1
Huntwick Estates	15
Lakeview Estate	3
Lucas Country Estates	2
Lucas Creek Estates	1
McMillen Estates	4
Petway Farms	2
Rolling Hills	1
Rollingwood	3
Snider Lane	3
Tara	8
Tokalaun Park & Estuary	2
Trinity Hills	1
Wendy Lane	3
Willow Creek	3
Winding Creek Reserve	1
Winningkoff	1

TOTAL RESPONSES 77

Internet Service Provider

AT&T	55
Cellular Card	
Dishnet	1
Frontier	16
Grande Communications	
HughesNet	4
Rise Broadband	39
SuddenLink	3
Time Warner/Spectrum	
Verizon	2

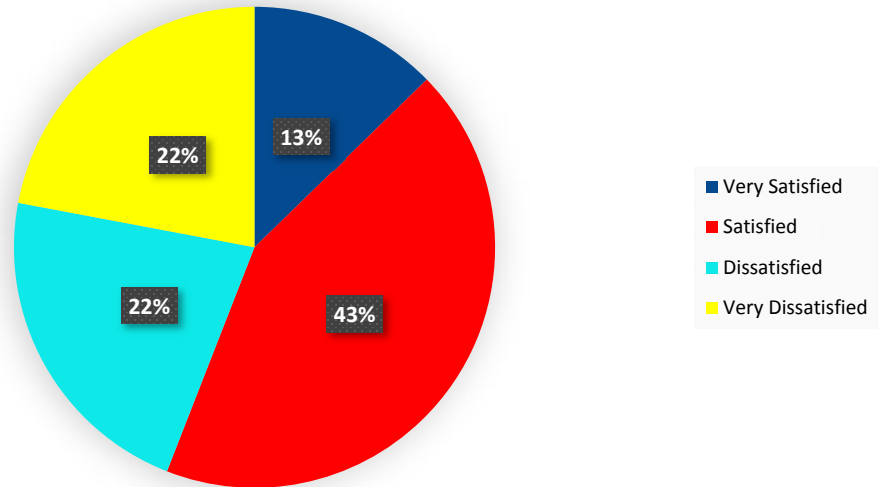
TOTAL RESPONSES 120



Internet Satisfaction

Very Satisfied	15
Satisfied	51
Dissatisfied	26
Very Dissatisfied	26
TOTAL RESPONSES	118

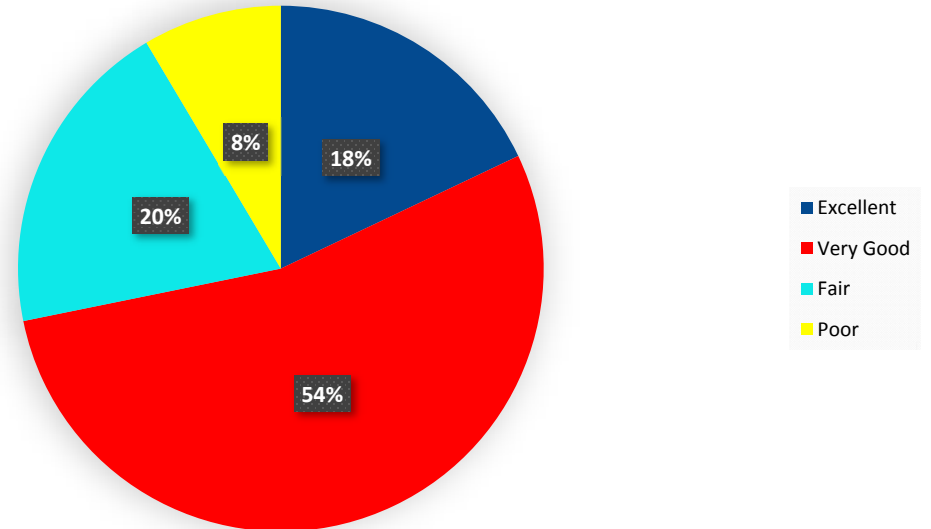
Zone 3 - Internet Satisfaction



City of Lucas Communication

Excellent	21
Very Good	63
Fair	23
Poor	10
TOTAL RESPONSES	117

Zone 3 - City Communication

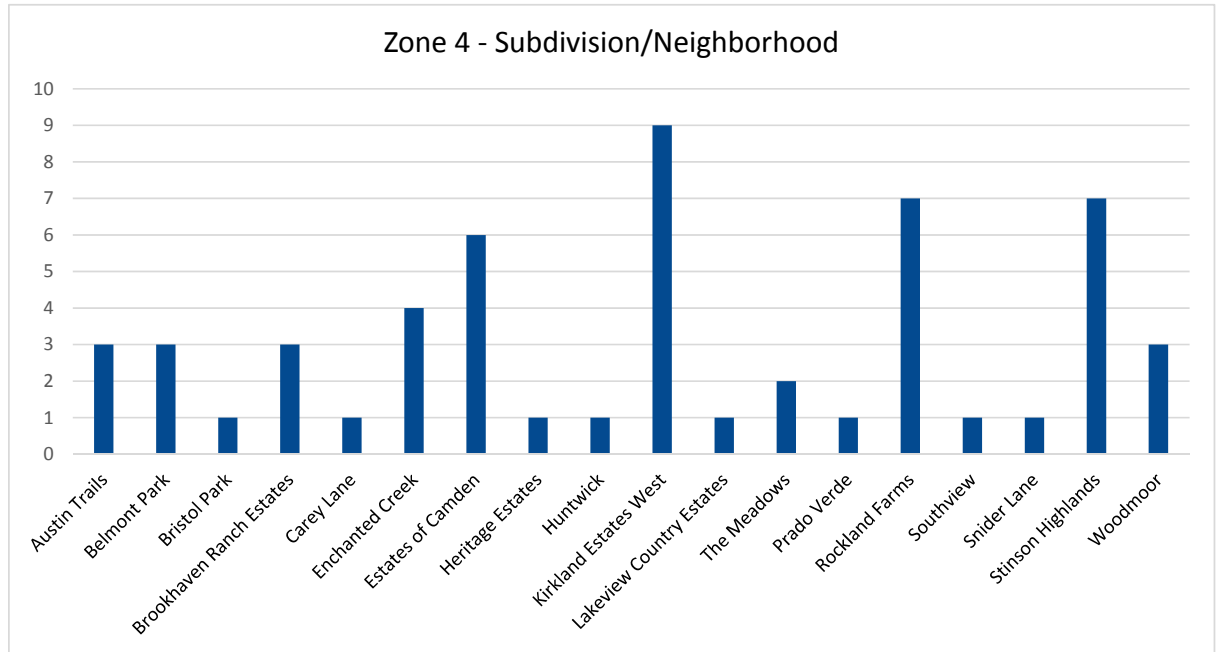


ZONE 4 Total Surveys Submitted 69

Subdivision/Neighborhood

Austin Trails	3
Belmont Park	3
Bristol Park	1
Brookhaven Ranch Estates	3
Carey Lane	1
Enchanted Creek	4
Estates of Camden	6
Heritage Estates	1
Huntwick	1
Kirkland Estates West	9
Lakeview Country Estates	1
The Meadows	2
Prado Verde	1
Rockland Farms	7
Southview	1
Snider Lane	1
Stinson Highlands	7
Woodmoor	3

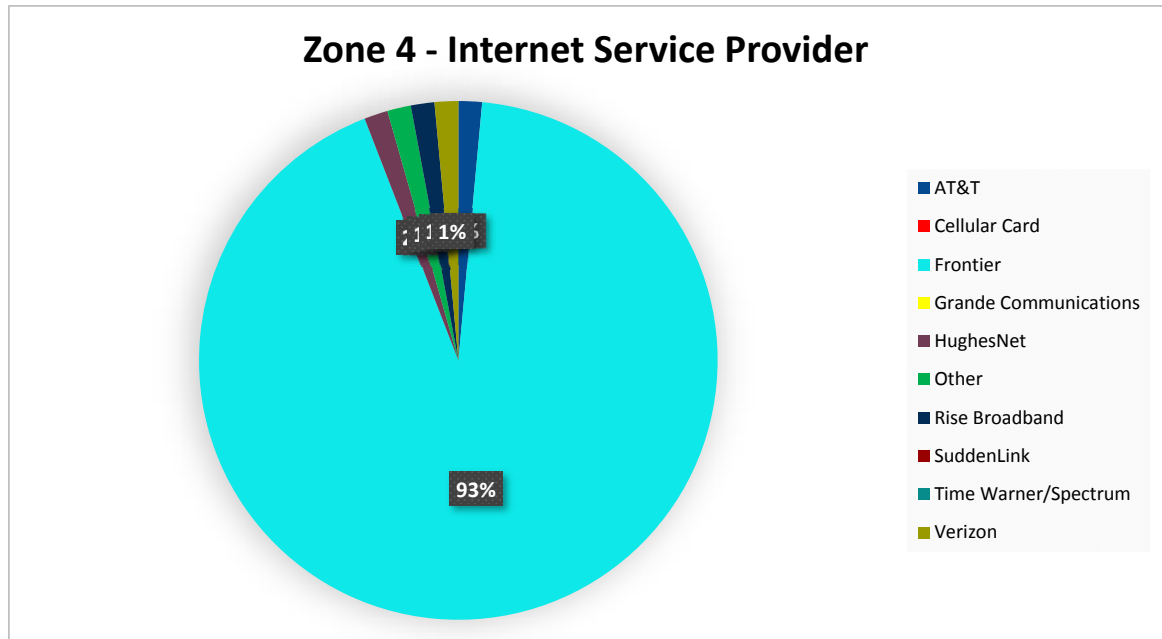
TOTAL RESPONSES 55



Internet Service Provider

AT&T	1
Cellular Card	
Frontier	63
Grande Communications	
HughesNet	1
Other	1
Rise Broadband	1
SuddenLink	
Time Warner/Spectrum	
Verizon	1

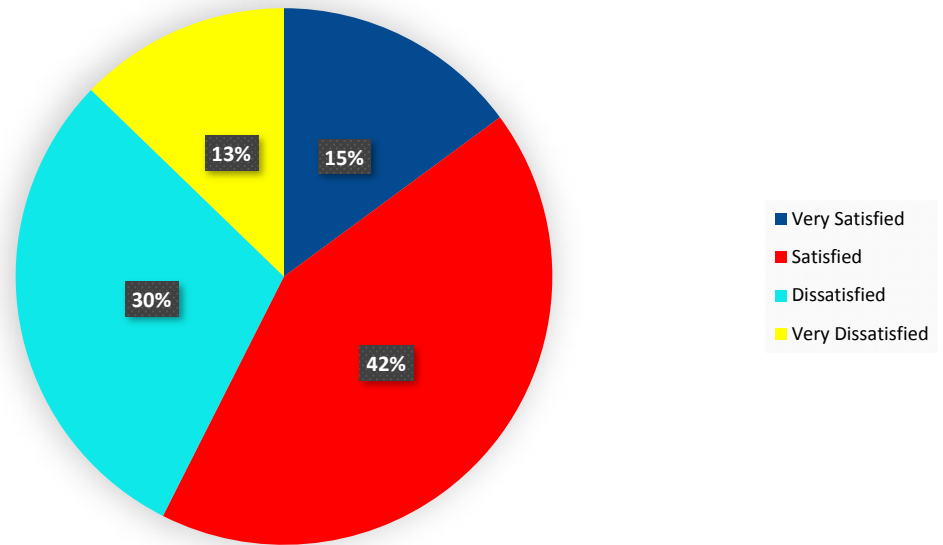
TOTAL RESPONSES 68



Internet Satisfaction

Very Satisfied	7
Satisfied	20
Dissatisfied	14
Very Dissatisfied	6
TOTAL RESPONSES	47

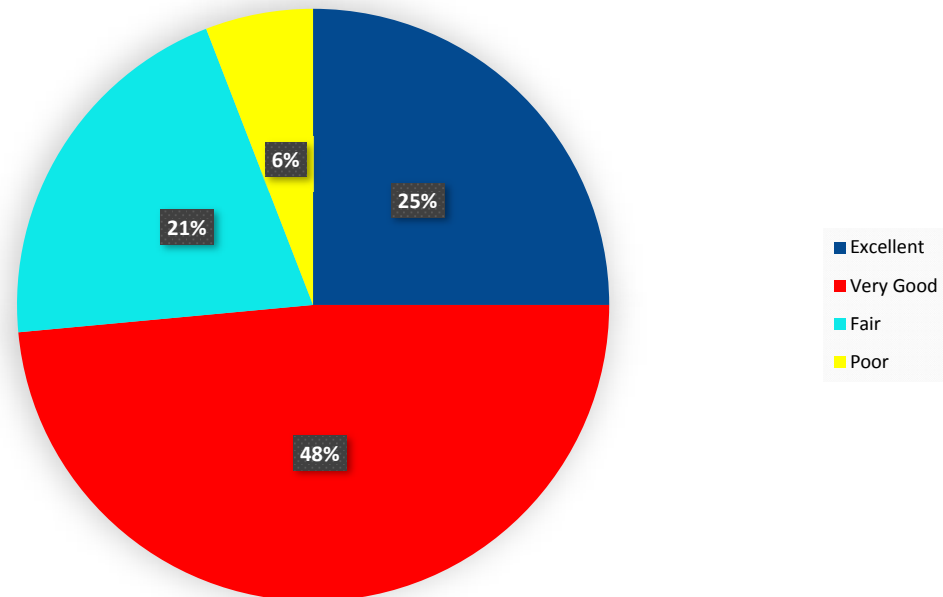
Zone 4 - Internet Satisfaction



City of Lucas Communication

Excellent	17
Very Good	33
Fair	14
Poor	4
TOTAL RESPONSES	68

Zone 4 - City Communication



ADDITIONAL COMMENTS

Zone 1

1	Thank you for conducting this survey!
2	It would be useful to have more than one internet provider available for service. Currently the only one (a row of) is ATT. They don't seem interested in improving the speed and quality of our internet service. I like it that you are considering expanding modes of communication.
3	I wholeheartedly agree with the city's exploration of strategies to improving internet service in the area. As a new resident of Lucas I find that to be true biggest downside to living here. Reliable and fast internet moves our life forward and I look forward to the day where I have more options than ATT 10 Mbps DSL.
4	Incentivize high speed broadband provider to bring svc. to Lucas residents.
5	AT&T is the only service available. AT&T sends out techs as needed but we keep loosing services due to old lines and growth.
6	Empty lot. No house yet!
7	Need better internet provider options for high speed service in Lucas.
8	Not a Facebook fan. Post more things on website. Like the letter every month. Like special mailer notifications.
9	Communication with the city is great. Just wish we can contract with a Telecommunication company that can provide high-speed internet service for the city residents.
10	We would like to get AT&T fiber.
11	There are numerous stop signs that serve little or no purposes - perhaps remove them. There are a few intersections controlled by traffic lights that could benefit from right turn arrows.
12	We would love additional internet/cable/media options. While we "okay" with what we have, the pricing and lack of bundling options and service levels are frustrating.
13	I would like to see the city inspect final work from vendors (i.e. street pavins) and its own crew. For example (1) At the intersection of Estate Pkw and Country Club. When you turn left off of Estate onto CC there is a good size bump that tosses vehicles side to side. This should have never been accepted. (2) In front of my house as of 9-27-18, they dug and replaced a broken water main. There is still a huge mess left to be cleaned up. There is a pretty good size hole next to the fire hydrant that can swallow a small child with very little protection. I know there has been rain but we had a pretty dry week which it could have been taken care off. Water main break was on Sept. 09. Any jobs performed by a vendor should be inspected thoroughly and job performed by the city should be followed up with, especially when it is in someone's yard.
14	To save paper and be environment friendly, skip the paper and only have the survey online. Also, I don't mind getting on a city email distribution list for receiving information and news. I'd love to have the city to bring high bandwidth provider competition to the City of Lucas to drive down access costs and improve internet speed. City of Lucas appears to be lagging behind other cities in providing high tech, high speed access. Everyone I have talked to feels hostage to the likes of AT&T DSL and others.
15	Sprint installed fiber optic along the east side of Country Club several years ago. However, per their discussion w/ them, the population density or lack of makes using it for internet cost prohibitive. Maybe someday?
16	Please look into this illegal road without reflectors or middle lines, deep ditches along most side, one day will cause the death of someone with possible law-suit against the city for its illegal size. I invite one of you to drive this death trap one day in darkness while passin incoming cars. Thank you.
17	Claremont Springs is in City of Lucas and on City of Lucas Zoning Map. Why is map on this survey not including us? Error, I hope.
18	Consider changing Zone 1 watering restrictions to other than Saturday. Those of us who mow their own yards usually need to mow on Saturday. Having Saturday as 1 of the 2 allowed days to water limits those of us who need to mow on Saturday to only watering one day a week: which often isn't sufficient.
19	To be honest I would have not moved to Lucas had I known how bad the internet selection was. The monopoly on service is unacceptable.
20	Need to expand lanes on Estates Pkwy to ease Lovejoy School traffic! We can barely get out of Lemontree Estates in the morning due to school traffic - then when we do traffic backs up as we approach the school. HELP!
21	News Letter: New construction permits for homes and businesses.
22	Would like other power/electric provider options. Only choice is GCEC but would like more competition due to high rates. City can help push for this. Thank you!
23	I know in our neighborhood about half has access to fiber but the half I live in does not. I know there is some expenditures there but I think everyone on my side would use it. My wife works at home frequently and consistently complains about our internet service. We have called att regularly but I don't think we are getting anywhere. We have switch between different programs within ATT but it is not getting noticeable better. We have tried other providers and nothing has worked for us.
24	Let's upgrade the general level of tech and tech savvy in the government and for everyone in the city.
25	Our area has only one ISP option available to us for internet, i feel it is not at all competitive in terms of typical cost or performance. It would be good to have additional internet providers available. Thanks!
26	I do not get what I pay for from AT&T - I pay for 75MB down and get on average ~45MB or less. They say it is because of where I live. On our street, other services are not available. Choices would be nice.
27	We use ATT because it s the only provider in our area. However, we would love to see Verizon come to our area.

28	In my area we only have access to AT&T for internet and TV. There are no other providers (other than Dish). It would be great if there were Frontier (Verizon) and/or Spectrum (Time Warner) for competition.
29	I appreciate someone finally trying to take action to get our area out of DSL and move toward fiber optics. I pay AT&T for 24 MB each month and NEVER get that speed, even hooked up directly to the modem. I am lucky to see 8 - 12 MB with the current technology available.
30	AT&T DSL is the only option available at my location besides dish/satellite. Only speed is less than 6 MB and data is limited. Customer service is horrendous. When service has gone down, I've been told that the cable break was inside my house and rerun it myself (after being told they would charge me \$200) only to have them realize that the problem was on their side after I'd run new cable. Another time I lost service, they ran a 2nd PHONE line to my house and still didn't fix the internet.
31	It would be very useful if the City could work with providers to increase available internet speeds. The fastest I can get is 6 Mbps. However if I lived a few hundred yards to the north or a mile to the east I could get at least 10 times faster.
32	The lack of competition in the internet space is absurd. The city can't be helpless to help bring in competition and laying of fiber. I have worked extensively with Suddenlink and ATT and it is pathetic what they offer. Offering more towers or informing citizens at a minimum of how we can help. Being in technology I am researching how I can help my community by bringing in line of site at a minimum
33	Appreciate update on road repairs, rezoning pending and any business changes
34	ATT Uverse is also available at my home in Saddlebrook Estates, but the speed is only 5Mb/s. My cable internet service is very unreliable. I have been working with Suddenlink to improve but I still have connectivity issues. I read the Lucas Leader every month. I would also be interested in some form of push notification/information about city meetings etc. because I don't always check the city website. Thanks for putting out this survey.
35	I have signed up for email alerts several times, but I have never received anything
36	We moved to Lucas in Feb and we were shocked by the lack of infrastructure for internet services.. Even the best provider in the area is seriously lacking and with the world going increasingly wireless, it is critical for the city to take action to fill the void. Both my wife and I run small businesses out of our home and internet services is a key component of enabling that. We appreciate the leadership the city council is taking by identifying and resolving this issue. **from a question above** We purchase the 20 mbs speed because that is the best option available to us from the local provider. We would get the 100mbs + if we could
37	We need a high speed internet provider that covers the entire city.
38	My wife, who lives in Saginaw, Tx m-f, has been incredulous that the 'thriving and affluent Collin County' has within it a pocket of 'no internet provided', i.e., The City of Lucas. She has checked into it a multitude of times, in a myriad of ways, and found the offered service to be spotty, insufficient, and not worth the price. On the weekends she has to work, she schedules times at the library in Allen, who does, by the way, have great internet. This is all coupled by the insult to injury flyers and mailers we get offering us a great deal on internet pricing through various companies, until called and they say, "sorry but we do not provide in that area". I've lived here 30+ years and now see traffic backed up in front of my driveway preventing exit, hear jets roaring overhead from McKinney and all things that look and sound like 'modern and growing' but internet service isn't one of them. I fully understand that low-density housing isn't the greatest area for a provider to get bang-for-the-buck when laying fiber or cable and for the city to incentivize good providers is going to be a sticky wicket. I can only hope that you will be our advocate as well, even though we are in a single dwelling on 3 acres, as since we get the noise and congestion of all the newcomers to this once quiet community we would also like to get whatever amenities they are to receive as well. Thank you for asking.
39	*Attached Letter

Brian Hiatt
1823 Marchmont Dr
Lucas TX 75002
972-908-3965

October 1, 2018

City of Lucas
665 Country Club Rd
Lucas TX 75002

Dear City Leaders:

Thanks so much for doing the Technology and Communications survey. For perspective I moved to Claremont Springs on September 27th, 2007. At this time, we were told by the builder that high-speed internet was available to our home. After moving in we found out that in fact that was false. In contacting the only internet service provider in the neighborhood (AT&T) we found that our home and 3-4 other homes were "over the distance limit" from the connection box next to Grace Church. We were about 50' over the limit and therefore AT&T would not install the Uverse internet for us.

We procured a Sprint hotspot and shared the super slow Sprint connection through our entire house for several years and satellite for TV. You can imagine how frustrating it is to 1) be able to see the AT&T junction box next to Grace Church and 2) see the neighbors TV on Uverse through their window and not be able to obtain service. The issue was the distance from the connection box because the copper wires for Marchmont go west from Grace Church to Ingram and then South to around Marchmont and then West down Marchmont. **There was an island of non-service in the middle of Claremont Springs for many, many years!**

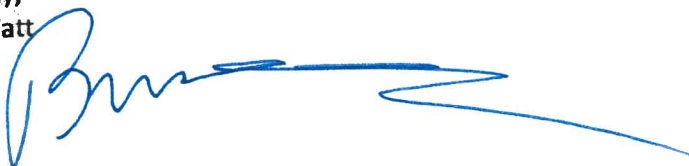
A few years ago, AT&T came and dug huge holes in our, and several other yards, and did some work. I went to the AT&T web site and checked my address and it showed I could now get service. I placed the order and Uverse Internet and TV and phone were installed.

We have had dozens of outages. The problem seems to be the heat here in the summer that causes 1) equipment in the connection box to fail, 2) the copper to expand and break, and 3) the connectors expand and cause a loss of connection. We have had too many to count, multiple week outages of all AT&T services and promise after promise of a tech coming out only to have the tech not show. A&T customer service is horrible.

When phase 2 of Claremont Springs was developed, AT&T came in and installed fiber connections to the homes in phase 2. This left phase 1 with poor and slow copper services and AT&T refuses to come in and retrofit phase 1 with fiber.

With all that said, I think that if the City of Lucas wishes to be up to speed (no pun intended) it would be great to see what the city can do to assist the residents in obtaining modern telecommunication services..... please please please...

Sincerely,
Brian Hiatt



ADDITIONAL COMMENTS

Zone 2

1	Finding a provider for the residents that actually delivers what they sell. On an ordinance note: Isn't there a fence ordinance saying all fences have to be 50% show through? Otherwise, no privacy fences. Is this the case? Why does the city allow privacy fences (over 6) in Lucas Creek Estates. At least 3 have gone up in the last six months. One on tractor trail actually has an out building built as well. So if the inspectors had to inspect the building of the building, why did they let the privacy fence go up? How many permitted? Perhaps an ordinance for the Mayor to spot light in his letter?
2	City of Lucas - We enjoy living in Lucas. We are recent arrivals to the area. We were attracted to Lucas by the large lots, country feel, schools, as well as the proximity to dining, entertainment, etc. We were shocked and disappointed to learn that the internet speeds were so slow. As business professionals, we need adequate internet to conduct basic work related functions, as well as utilizing the internet for family entertainment. We've made an investment in making Lucas a place we call home forever. As city leaders, we challenge you to invest in us by ensuring we (the community) have the best services available to maintain and afford us the quality of life we moved to Lucas to find. Thank you
3	Thank you!! Thank you!!!
4	The lack of competition with internet service providers is the biggest concern. The internet service is poor. The cell phone reception is poor.
5	Better website. Why does Lucas and Fairview not team up and provide more services like Allen? Reason I would leave is internet. No reason for city to work out deal to bring fiber to most of Lucas. Million dollar homes with no internet. Many people call, but we get no help from any provider.
6	We have experienced very poor internet service over the years. We have been told by ATT that our home is just outside the range for faster service. At times our service is extremely slow (get coffee while command updates), and our next door neighbour that is a bit closer and with more direct lines, does not have a problem. We will pay more or petition as needed to help resolve the problem of slow internet service.
7	I would like the City to work hard with internet providers to connect all of our own. The fence line directly behind me has fiber w/ speeds in excess of 100 MB/S but our neighborhood has < 10 MB, no cable and have to resort to spotty wireless connections. We are not in the "sticks" but the services we have available make it feel that way.
8	Love dealing with all facets of City of Lucas - City Hall, Fire, Police. Everyone is so helpful and friendly! Love it!!
9	Anyone working from home has inadequate internet service. Internet is an essential service in today's technology based world. There is no good choice of internet provider at my address. I pay \$100 for subpar internet of speeds reaching no more than 2 meg.
10	Love our town! Any help with internet would be greatly appreciated even if it means an increase in tax. Thank ya!
11	The lack of high speed internet options is just crazy. Rise is the best option where we live but it is slow, has a useless data cap, and never performs @ advertised speeds. Plus it is stupidly expensive due to low data limits. Please help!!
12	Thank you for trying to get us better internet!!!
13	One page, double-sided newsletter is all you need in my opinion. If you want more people to visit the website, then do a shorter newsletter (less info per topic and article) and at the end of each article or section, direct people back to the website. Also, I'd love to pay my bill online.
14	Are we (city) under franchise/contract with Suddenlink? Is here a road map to upgrade to fiber or get better service? Our options are DSL, AT&T, ad Suddenlink. Suddenlink service is less than average, outages, speed issues, etc.
15	I am an IT Professional and the only regret that I have in living in Lucas is the lack of a quality internet service. I subscribe to both basic DSL then AT&T (3 Mbps) and Fixed Point Wireless then Rise (20 Mbps) and neither are reliable or of sufficient speed. The only way to get TV is then antenna or satellite. What is even more amazing is that my backyard borders a subdivision that has Suddenlink cable yet they have no interest in doing a buildout in Broadmoor Estates. AT&T is just as bad as all they would have to do is do a small equipment construction closer to our area and the DSL speed would increase dramaticall. I honestly believe that they are missing a huge market and we need to band together to get those 2 into a bidding war to decide who gets to secure the revenue first. You have my full support and I am happy to help in any capacity needed to get these companies to pay attention to our wonderful community!!
16	Regarding technology, thank you so much for exploring our internet deficiencies. I feel that Rise has a monopoly on service as it is our neighborhood's only option. Sadly it is very slow and over utilized. This is a major hindrance for us daily as both my husband and I work from home. In fact we can not risk the interruption of service (daily outages and slow speeds when the neighbor kids start streaming Youtube after school) thus we also pay monthly for an AT&T hotspot and even slower DSL line (required to boost our cell microcell). Our lack of dependable and acceptable internet service is frustrating and surely impacts the attractiveness of community; I'm aware of a lovely family who passed on purchasing a new home in our subdivision due to a lack of "modern" internet access and cable. Also all the Rise equipment on the towers is unsightly (though I'd rather have that than no internet at all). Please help make the expansion of fiber more attractive to providers. Otherwise I fear our low density of homes will not be a great enough incentive for providers to invest in us. Thank you.
17	AT&T sucks! They do not care about the customer. When you inquire about upgrade they say they don't have anything faster. I need to work from home, due to bad, bad internet service can't work from here!
18	It would be great if there were more internet providers available. Generally each neighborhood only has a choice of 1 or 2 providers. They really charge a lot for mediocre service because they have no competition.

19	Please allow us to get internet and phone through other service providers such as Verizon Fios and AT&T. Rise Broadband and Grande Communications have sub par service. We have lived in Lucas for 8 years and our entire subdivision of Stonegate is ready for an upgrade. Thank you.
20	Would love to have fiber option for ISP.
21	Appreciate the help as I live by the internet for work! Sidebar: We really need more police activity in and around Old Forest Grove and desperately need a stripe down center of road. It's becoming increasingly dangerous. Thanks.
22	We would like multiple options for internet, phone, and tv to our neighborhood. I have contacted Spectrum and Frontier several times, and the response is always "not at this time." Our AT&T bill has increased \$100 over the past 2 years so we have decided to switch to Rise Broadband for internet and phone. With then increased internet speed, we will be able to stream TV directly from the internet so will cancel DirecTV from A&T.
23	No cable or line internet service in Broadmoore. We need fiber optic high speed service to handle the bandwidth for video and internet service. Water pressure is also unacceptable. Drivers higher cost to residents irrigation installs because only 2-3 sprinkler heads can be installed on a line. This also causes a longer irrigation watering time since more circuits (values) required for adequate coverage. Mr. Carmichael needs to dispose of his rodent infested brush pile in pasture next to (behind) house on Westmore Ln.
24	Great place to live. City office personnel always friendly and helpful.
25	We have asked that AT&T install one of their boxes closer to us but have been told there are not enough houses. The box is at the end of Snider and sometimes is flooded. A closer box would help with speed or if they installed fiber optic. Any help with that would be appreciated!
26	I would prefer an electronic version of Lucas Leader vs hard copy.
27	I would be extremely interested if the city could provide a municipal ISP that would bring reliable high speed internet to Lucas. Please consider making this possible for the residents of Lucas. Thank you.
28	I have multiple requests into the AT&T Fiber Optics departments. I work from home and could really need better internet services. Additionally, we love to stream movies for family night and are unable to do so on the fly. Lastly, we have installed multiple security cameras but our current internet does not allow seamless monitoring of our property.
29	The max internet speed for our area is 25 mb. I would love to see fiber installed in our area for the future. Especially since streaming is becoming so popular these days. I would also love to see other cable/internet providers in our area. We are pretty much stuck with AT&T right now. Thank you!
30	Thank you for all you do, and for your willingness to serve.
31	Although we are satisfied with the service, we are not happy about the price. We would like to see more competition to drive the price down.
32	Could the city provide high speed internet to its residents. Very dissatisfied with Grayson Collin!! It seems like every time it thunders we experience outages. Some more lengthy than others. Can we as a city explore other options or do we not have a choice?
33	Two things restrict the desirability of our development: Poor communications - slow, expensive, limited. School district (McKinney) excessively distant.
34	We're pretty happy at this point.
35	Internet services and availability in our area of the city is abysmally poor. It is the one thing about living in the city that is increasingly frustrating, especially in the connected society we live in today. I am very interested in what the city is currently doing or plans to do in the near future to improve this type of infrastrucue. I am most definitely an advocate of this, and am willing to help and participate in any way I can to make this a priority.
36	AT&T is the only cell service that works in our area. For internet, we need more options. Suddenlink is the only real option @ the moment and I have friends in other sections of town who say they don't even have them. That leaves you with bad, slow options.
37	We would like to have Fiber internet option and more than one option/provider. Also greater bandwidth for upload and download. (Faster internet with no limit per billing period). Reliable and consistent high speed. Thank you.
38	If you need any help with internet service providers, I am willing to volunteer some... I work for Ericsson, we are supplier to all of the service providers info might serve Lucas. I have good executive contacts if its of any help.
39	This has nothing to do with technology..... please fix our streets. They're a total mess. The potholes are becoming a challenge and a danger to drive around, the traffic backs up during peak hours, and the roads look just awful. I love my city, but the condition of our roads is not a good reflection on Lucas. We've got million dollar homes here and the roads are in the worst shape I've ever seen. Please please please fix our roads!
40	While internet service has become an important household service, i don't feel that it is anymore an important or required service/utility than electricity, water, sewer service, phone service, etc. Currently each household is responsible for acquiring their own utility providers without the city paying for a consultant to advise how the city can assist with those entities and decisions. Fairview created a technology committee who recently conducted a public meeting which Sudenlink officials attended to address concerns and future plans for their cable/internet service in Fairview. This sounds like a viable option to explore
41	Need real internet fiber or cable or something better (not dsl or broadband over the air). This is the only horrible thing about living in our Lucas neighborhood.
42	We have lived in Lucas for 16 years and the services are still the same. I still have 1 option for internet. Our internet is horrific! I pay \$70/month and get less than 2 mbps @ night. The city should do something about this!

43	Phone service by AT&T at our home location is lousy - and far too expensive. They denied service for internet after they had pushed it and installed but couldn't keep it serviced. Back to land line only which is very unreliable. Phone service alone now cost (\$91 after taxes) - as much as phone and internet previously.
44	Need faster internet connection DSL with AT&T does not allow streaming. Need Cable or Fiber optic connections in our neighborhood.
45	Specific to internet service, the challenge for me is not the ability to get service or the packages offered, but the level of service, i.e. outages and slower than paid for speeds or intermittent connectivity is extremely frustrating. It makes it very difficult to work from home, especially with voice over IP for work telephone. From a city perspective, it was more reliable to work from home when I was in Allen. I only say that due to the reliability of the service, I prefer to live in Lucas!
46	Any help to improve internet access would be great. We recently moved to Lucas 1.5 years ago. We absolutely love the area, but the internet options in the Blondy Jhune area are awful. There is a fiber optics line that runs down Blondy Jhune, but we don't get access to it in the Tokalaun neighborhoods
47	This city needs to hold internet franchise holders responsible for providing service. AT&T has done nothing they promised the developers/builders (Although the builders somehow have AT&T internet, and are the lot next door using a Country Club address). There was supposed to be fiber-optic internet available, and AT&T has no intentions at this time of installing or providing it to the neighborhood, according to the customer service people (however, if we want to spend a few thousand dollars for installation, and \$600 a month, they will run us a business line). That is deceptive practice. I work from home, as does my wife, and satellite internet is not good enough or reliable enough for professional use. We agreed to build our home with J Anthony with the understanding that there would be high speed internet here, and there is not. If franchise holders will not provide service, then there needs to be a means of getting service from another provider. Frontier stated they would be happy to provide high speed internet (FIOS), but that we were 100 yards outside of their footprint, and we would have to call AT&T. That's not a competitive market, that's regional monopoly.
48	I'm glad this survey is being done. I've now lived in Lucas for 3 years and feel the internet service is one of the things I wish I had known before moving to the city. My job requires me to have internet access to work from home as we use large data files. The lack of fast/reliable internet limits my ability to work from home and be with my family on times they need me. I have considered even leaving my job to start my own company, but the lack of reliable internet is a limitation to do that and still live in Lucas. Please help bring faster and more reliable internet into the city.
49	It will be difficult to stream the city council meetings due to the excessive caching we currently endure. Actually have been enduring 5-6Mbps speeds since we moved in (DEC2010). When employed by AT&T I responded to numerous RFPs issued by various cities in the US for Smart City initiatives and also for improved telecommunication infrastructure. Suggest issuing a RFP for improved services. Often the cost of easements and the permitting process is the biggest hurdle/time robber for Carriers/Providers to overcome. My preference would be to issue the RFP and in exchange provide discounted or remove easement charges and restrictions. I would be glad to consult on this matter and or assist in developing the RFP.
50	IT WOULD BE GREAT IF THE CITY COULD FACILITATE A BROADBAND HIGH SPEED INTERNET SERVICE TO ALL RESIDENTS. IT APPEARS THAT THE LOW DENSITY OF HOMES IN LUCAS IS THE REASON WE HAVE NEITHER CABLE NOR HIGH SPEED INTERNET.
51	PLEASE BRING INTERNET THAT DOES NOT COST 100 DOLLARS A MONTH FOR HIGH LATENCY SUB PAR SERVICE THAT GIVES US AROUND 2 MBPS!!!!!! AND WERE SICK OF THE DATA CAPS! BUT ITS EIGHTER THUS OR 90'S SPEED DIALUP!!!
52	I really want there to be more reliable internet in this town. we use remote access frequently and the latency from satellite makes it nearly unusable and I need it to work. We also need to download large files for gaming and other things and it takes forever to do over a sub 12mbps service. it also goes out when it rains. i really hate the fact we are paying over 100 a month for this when in other areas we could get 1000mbps fiber for less. PLEASE BRING HIGH SPEED INTERNET TO THE TOWN!
53	The main reason I am unhappy with my internet provider is they dont offer a higher speed than I currently have at my location. They do offer much higher speed but not at my location.
54	Rise Broadband currently oversubscribes their Internet service, so I rarely receive the speeds they advertise. During peek hours, I only receive 10% of the advertised speed. I would welcome an Internet service offered by the City of Lucas. There are several new wireless technologies the city could utilize to provide high-speed Internet service to its residents.
55	We would love to have the newsletter emailed to us and would definitely be more likely to read it as well as use it as a reference.
56	We need Fiber in Lucas in order to stay current with technology. 10MB is ridiculous and unreliable at best! I work from home for a multi-billion dollar software company and have to use my hotspot on my cell phone most of the time as AT&T is slow and unstable. You can't even stream a movie with their service, let alone try to work from home. PLEASE upgrade our internet services in Lucas! Thank you

57	I have contacted AT&T and escalated my complaint regarding our ssssssslooooooow internet service (up to 6 mbps), while 1/2 block east they have fiber optic service installed when the houses on Orr were built. Everyone "understood" but no one really "did" anything or offer any solutions. Rise Broadband service is faster (up to 20 mbps), but is not dependable. We are seeking to "cut the cable" from satellite service (Directv) and we stream many channels currently, but during peak hours when everyone comes home from work, the streaming often slows down. It has improved since we now have two internet service providers, but it doesn't seem right that we should have to pay for two, when faster service is possible with fiber optic service. As technology advances, I can only imagine that we will need faster internet service to handle all the possible devices which rely on accessing the internet. It's time for us to move into the 21st century.
58	Would like to see more choices for internet and Tv services. Satellite service is not that good and expensive.
59	I used to enjoy over 100KBPS Internet connectivity before we moved to Lucas. I love Lucas barring internet bandwidth, which at times hurts when I work from home.
60	Keep up the fantastic work! Please do your best to help improve our internet service!!!
61	The ability to receive standard internet for all residents in this city is appalling. For the price for our properties and the valuation as represented by real estate agents and CCAD, the ability to secure standard internet (over the wire and "high speed") should be expected. The facts that my family has had to use cellular connectivity due to the requirements of corporate servers at my company headquarters is absurd. I am happy to pay for service, but it is unavailable and the providers are not properly motivated to serve my neighborhood.
62	Internet speed in the city of Lucas are not good at all. Just across Country Club Rd, in the Stacy Ridge neighborhood, internet speed can be 5x faster than in Lucas. I hope this is treated with a high priority as it affects people working from home and makes the city less competitive.
63	Internet service is slow with little options. Should be able to get 1Gbps to house these days.
64	Our internet options are limited as Grande owns the exclusive rights to install any fiber optic or other cable based internet service, yet they refuse to provide the service to our 41 homes. Currently, DISH, DirectTV, Rise or HughesNet (all satellite or antenna based) are our only options. I would really like to see some other ISP options for our subdivision as well as the City of Lucas.
65	In afternoons we can't even get out on Country Club from Blondy Jhune. Traffic at Country Club and Estate Parkway, traffic at Lucas Rd. and Country Club by Lucas Store, lighting along Blondy Jhune Rd. - too many dark spots. Cutting of grass and trees along Blondy Jhune Rd. You can't see signs and it looks terrible! If our traffic is going to be all going east on Blondy Jhune during the construction then we definitely need at stop sign back up on Blondy Jhune and Winningkoff. The ditch at Country Club and Estates Pky is a mosqueto habitat. It is ugly and always holds water. It is an eye sore for entering our city.

ADDITIONAL COMMENTS

Zone 3

1	Auto draft fee is high for water bill.
2	I use AT&T for internet because it was the only company that provides services to my address. I contacted every cable company I could think of, hoping for faster service. So far, AT&T has been okay, but I'd like to have options.
3	It would be nice to hear about road projects in advance that alter our travel. Internet bill pay of water.
4	My workplace is in Arlington. I like living Lucas just fine but I tend to be out of the "Lucas Loop." Also I have no family here. Being over 60 my biggest complaint is high property taxes but that problem is not specific to Lucas (a Texas thing).
5	As more fixed 5G services become available (such as AT&T, AirGig, and Verizon), I would like the city to reach out and encouraged those companies to expand those services to our city. I understand that the costs associated with laying fiber optic lines in rural locations is often prohibitively expensive but the new fixed 5G services seem like a perfect fit!
6	Rise Broadband serves us reasonably well. It failed to provide sufficient data for the price when we attempted to use Hulu. Rise's cost was too high. No other choice means back to DishTV. I don't like subsidizing CNN. I thought the Broackdale Article in the Lovejoy Messenger was excellent, clear, and informative. BTW, the Mayor's proposal and approach is fair and ultimately cost saving.
7	The City needs to reinstall stop signs at Blondy Jhune and Winningkoff. It is very dangerous when cars speed down the hill.
8	We need options for internet service provision, as we currently have only cellular and satellite options. When widening/renovating roadways, include bike lanes for safety of the many bikers in and through Lucas. Would be great to have a veloway for bikes/rollerblades, etc. Thank you for your service and for working to keep Lucas a unique, country community.
9	AT&T's service is dismal. Any legitimate competition would really be appreciated.
10	Hi. Thanks for allowing residents to take this survey. I resent the fact that we only have once choice for our internet service. Rise is expensive for the mediocre service that we receive. I hope that in the near future the city will help in providing more solutions than just one provider. Thanks.
11	If the internet provider won't cooperate - solicit bids/RFPs! Customers control the \$ and the ultimate service providers.
12	It was very tough to get internet to our home and required numerous calls. High-speed DSL only became available over the passt few years (after much effort). Speed/download speeds are slower than rest of metroplex (12-15) but better than we had before. Pricing is high for level of speed offered as there is a lack of competition (\$100 per month/required modem rental). Thanks for your efforts on this - it's an important issue to tackle. Good luck! I would consider helping on a committee to address this issue.
13	I would be happy to pay more for a city-wide high speed internet access. These are available in most European cities for very little cost. Generally \$10 or less per household/month. Everyone benefits!
14	Internet connection is slow, unreliable, at the level of a 3rd world country. I don't have an option for fibre at all. Cell service is very poor, many dropped calls, no hope of using cellular internet! We can't get Uverse either, too far from the concentrator. We need lox faster internet!! We need provider choices and competition. Revoke all sole provider agreements.
15	Anything we can do to get faster internet speeds is necessary. It is devastatingly slow and the biggest drawback to living here.
16	Why isn't there any internet service out in our area! AT&T internet? Spectrum? Anything?
17	Instead of focusing on "private internet" solutions lets redirect efforts to roads-quality, flow, mismanagement of existing road projects, lack of planning that had lead to decline of our living standard due to traffic.
18	Rise Broadbant is horrible!! I would be willing to pay an "installation fee" to off-set infrastrucure costs for fiber. We pay for 20 mb and almost never get that. Fees are added to our bill and there is nothing that can be done.
19	The variety of information in the Lucas Leader is great. Thank you.
20	I am NOT happy with AT&T land line phone service. It's very static and service always poor when it rains and right after a rain. It sounds like the line opens and then we get disconnected. Very poor in Tara neighborhood. I live near the back. Thank you. I use land line for my phone calls @ our house.
21	Love living in Lucas. Best part of the best state.
22	Bandwidth varies and not consistent. Cellular coverage poor. Concern over use of streaming services due to limited bandwidth.
23	Fiber improved internet speed and reliability. Internet options - currently only 1 provider minimum speed availability. Speeds don't support consistent streaming of tv. Almost no options for internet without TV.
24	Would love more internet and tv options - faster, better service than AT&T DirecTV.
25	We have asked AT&T to run fiber to Huntwick to enhance our internet options. To date, they have declined due to the cost of running the lines despite the fact that our nearest neighborhoods have this access. Internet access is a necessity in this day and age.
26	We upgraded our internet service from Rise Broadband to AT&T due to slow speed (6 MB max). Best AT&T can make work with current lines is less than 18 MB. Insufficient for our needs in this day and age. I am unaware of any better service available at our address.

27	I am satisfied with reliability of service, but would like speed to be higher. Right now I'm limited by 20 Mb. I would give Nixle priority 1, but it doesn't work wit T-Mobile when spam text option is turned on. I was not able to sign up.
28	I have reported a fire hydrant leak since July 9th, several trips 2 phone calls to where it was at as far as fix action! Yea still leaking!! Soft ditch and puddling water. Can and I will show someone again I necessary, 214-475-4834 Keith Furnish.
29	All parts of the city should have cable options for internet and TV. Trash pick up services have declined significantly over past few years. Trash is left behind even when phone arrangements have been made previously.
30	Sudden Link sends tons of advertizing to our home. We tried to get service with them, they came out and told us our home does not in fact have service from them. The entire process was a disaster, we do not endorse that company.
31	We have poor US mail service. We have misdelivered mail once or twice a week - but times in last week. (By we, I mean myself and neighbors). Allen PO not responsive to complaints. Recommend try to get Lucas PO - or better service from Allen PO.
32	I've always had AT&T for internet and I've never had any issues.
33	In Huntwick Estates, ATT ionstalled Uverse in the neighborhood, but we are limited to 3.5 Mgb down. We're lucky to get 1.5 to 2.0 on a good day. It's really ridiculous. Lack of adequate internet is the most talked about item by citizens in our neighborhoods. I would appreciate a ranking of 'high priority' to this issue. Thank you.
34	Better code enforcement.
35	Not looking forward to the Winningkoff and Blondy Jhune Road closures.
36	What kind of cable service is on the power poles at the back of my property? Are they still active? Who owns them?
37	The cities inability to understand internet providers is dissapointing. Please hire or contract out to a consultant to solve this critical issue. Year 2018, school - insane dollars spent - AND 3d world internet. Please solve this problem. Thank you!
38	Y'all do a great job - thanks for being so personal!
39	We need to have at least 2 available internet providers for each home with SLAs monitored and policed by the city. Without competition, internet service will remain terrible. Also, I would like to understand our noise abatement strategy as lower, louder pets are increasindly seen.
40	Thank you for all you do!
41	I spoke with a Sudden Link rep who assured me that as of 9-4-18, Huntwick I residents could now get their service which starts at 100 MB. I have not signed up yet because I wanted to see the outcome of this survey to weigh my options.
42	Internet access and technology is important, but traffic is MORE important. PLEASE do something about the congestsion at 3286 and East Lucas Rd/Country Club! It is nearly unbearable. Some simple things could help, such as an eastbound left-turn lane, or simply lengthening the duration of the traffic signals! Much time is wasted simply startin and stopping. Thank you!
43	Should set up a opt-in e-mail distribution list to send information or the city newsletter via e-mail to citizens.
44	We have been very disappointed in our internet for a long time with no help from the provider. I think they know we do not have other options and are not interested in providing better service. Any way to improve on this would be greatly appreciated. Thank You!
45	Internet is terrible. Rhino is unreliable and unresponsive. I can't believe they a few blocks away people have high speed reliable fiber-optic and I an responsible to trim trees 3 times a year to provide line-of-sight slow, unreliable internet. We have not options. Totally stinks
46	Internet HS always been an issue, having more than one option would be nice. At this point there isn't any competition, so bad service is better than no service. Also, having parts of Lucas w/o internet these days is inexcusable. Wired internet needs to be all over the city.
47	Would really like a fiber optic system to provide fast and uninterrupted service. Satellite is not a good choice, we've already tried it. We have not had any good recommendation for any services to date.
48	High speed internet would be a big plus for the some of the Huntwick Park Area. The current internet speed for my neighborhood is so slow, my new neighbor could not work from home as he had planned when he purchased his home. I would volunteer to assist this project if assistance might be sought.
49	Lucas has the potential to be a great city. However the cultural and quality of life services offered by the city are lacking. The streets are in disrepair, there are no sidewalks or biking trails. There is an overall lack of retail services and while the appraisal values of Lucas homes have risen in the last few years, in one way I appreciate the lowering of the tax rate, but I would rather the city collect more tax revenue and improve city services commensurate with the tax revenue. I don't mind paying a little extra in taxes to the city if the city provides more services
50	If our internet speed was fast enough to stream the video of the City Council meetings, it would be great to watch our city in action. However, with the less than mediocre provider options we currently have, streaming is just not feasible. My family cannot stream Netflix, Hulu, or any other movie/tv options that are so popular. Living in Lucas is wonderful in just about every aspect (schools, community, neighbors, etc.), however, I have considered leaving several times just so my family can have an internet that is on par with our neighboring communities. Why can't ALL of Lucas have FiOs internet to their home, or at least a decent option? The lack of decent internet options is appalling for such a great city. The internet options we have available to our neighborhood are reminiscent of old DSL and dial up internet options. Please do something to bring our community out of the dark ages and to the current times!

51	The city of Lucas is a wonderful place to live. The school system here is just one of many reasons we picked Lucas to raise our family. If the internet providers were willing to supply internet that was stable and actually fast enough to stream, work remotely, use Netflix, or just provide enough bandwidth to do these "typical" internet things from more than one device, Lucas would be PERFECT! A few cities have even incorporated the internet into their city offerings and runs through their power lines (Chattanooga TN for instance). People living in Chattanooga are receiving a 1,000 Mb/s connection, which is incredibly fast! For comparison, our neighborhood get less than 20Mb/s (and this is SHARED with everyone else on the tower and in the house). It is very tough for even a small family of 4 to share the bandwidth we are provided. With major technology business's moving north (Frisco, Prosper, etc.) I think for a small town like Lucas to continue to be sought after, we would need TRUE high speed internet options to go along with our great schools, and peaceful country living.
52	Need access to faster internet speeds.
53	Please provide more information to citizens regarding plans for prospective changes to current policies, traffic and roadway, zoning/zoning exceptions and any other issues about which citizens might be expected to have strong opinions. Then provide ample warning for implementing such changes. Providing information in City Council Meeting Agendas doesn't provide adequate information to citizens who may not check the Agendas for every meeting. For issues such as these, overkill with complete, factual information is much preferred to hearing about them on Nextdoor, over the back fence etc., where they can be long on emotion and short on facts.
54	My biggest complaint is that the Cell Phone Service is terrible in the Lucas area. Don't know why you are not asking about those questions as well. It is a major technology function in our every day lives.
55	We need to also address wireless/cellular communication coverage across Lucas. In our neighborhood we have poor cellular service (1 bar or less) - using AT&T Wireless. I would think most major wireless carriers would provide stronger signals in our neighborhoods especially along a main route (BJ Road).
56	I am satisfied with Frontier as an Internet provider but I am not totally satisfied with Frontier as a cable TV provider (FIOS). When Frontier took over from Verizon, the quality of customer service and on-line account access options went down and price keeps going up. Frontier is expensive for cable TV. I am considered switch to a streaming service.
57	Our only options for internet services are fixed wireless from Rise Broadband or satellite service. It is frustrating to be so close to other faster services but they won't expand. We have had issues with Rise Broadband (or their predecessors) when they oversell their ability to provide service. We have good service now, but they will start putting more people on the tower and there goes our good service down the drain. We can't even get regular telephone line service because the wiring out here was for party lines.
58	City of Lucas communication is amazing. We moved here last month from Allen, and you guys are blowing them out of the water. Our ONLY complaint is internet accessibility. I work from home at times and am also currently working on my master's degree. We have a college student at home who does online school work, an LHS junior, and an 8th grader who both access powerschool & google classroom regularly. When we all need to get online for school work it is a huge challenge. My son often goes to a coffee shop or library to work so he can have better connectivity. This is a significant problem in our house.
59	The internet service that we pay for and what we actually get is atrocious. We pay for 50mb and get less than 5mb. Would love to be able to get a cable internet service to my house. We just moved to Lucas 2 weeks ago so I cannot answer the communications portion of the survey. I would though prefer a direct email to receive news and information about the City.
60	We love the Lucas Leader!!
61	I agree that we need more internet company options for our area as ATT is our only option.
62	Anything to keep the citizenry up to date and don't pull favorites by replies to certain folks that have an "in" at city hall or anywhere else in the city! Do a better job at planning for the city (streets, etc.) as I ran into Lucas doing a bad job planning as put forth to me by the state personnel I talked to regarding an item of great interest to me.
63	Along Winningkoff Road both the reception for Internet as well as for cell phone coverage is poor. Huges Net works for the Internet but no streaming can be done, and access to Internet can be slow especially during peak hours, but it has improved over the years. Cell phone (ATT) can be poor to none. There are no other options for Internet either, we have tried.
64	Sign in front of city hall is often blinding at night. Consider using white background less often, or decrease brightness at night.
65	We have very few internet options at our location on the east edge of Lucas. Wish there were more options and better coverage across all of Lucas.

ADDITIONAL COMMENTS

Zone 4

1	I am not terribly teck savvy. I use the internet best I can, but do not rely on it. Happy to answer any further question or explain any answer.
2	Would like to see better road maintenance.
3	Lucas Leader is invaluable. Extremely well done, thoughtful and informative. Thank you for the time and effort to put into this each month.
4	We experience fiber outages at least once per day. After calling day after day to try and remedy we finally gave up. Frontier claims that they are not showing record of our outages. They continually blame our router location, however, during the outage it doesn't even work when hard-wire. Frontier knows that we have zero options out here so they have been very hands-off with trying to help us solve our issue. We feel this is an infrastructure issue but why should they spend capital to fix it?? We have no options. Help!!
5	Frontier is our only service provider in our area. Another company - we believe "Clear Bridge" installed fiber optic cables on our street, but never offered service. We need other viable options. At times we have very bad cell phone service (Verizon). We need "Bad Weather Warning Sirens."
6	Wish we had more choices where providers are concerned.
7	Regarding our internet provider - Frontier: We are mostly satisfied, but have occasional issues such as outages, communication with the company, and pricing. It would be nice to have a choice of high quality, fast providers. We feel that we currently do not have any choice, as Frontier is the only provider available without resorting to a dramatic decrease in speed and quality. As it is, we pay 75/75 and I don't think we ever reach that. Thank you for taking the time to gather this information!
8	We have Frontier internet and our promotional period just ended with them and our bill increased by \$30 a month. I called and they had nothing to offer to lower my price. I looked up every other provider I was aware of and nobody provides service at our address. 6 Chestview Cir. I'm frustrated that I have no affordable options.
9	I assume the City of Lucas hired the company who put in the lousey paving of Bethany. Potholes are showing up again. In less than 1 yr, Bethany (between Walmart and 3-way stop) is again experiencing potholes, uneven pavement. It is a shameful waste of money! This is a heavily traffic road which should have been repaired (repaved) expertly.
10	Need 4 lanes on Country Club and Lucas Rd. Traffic is awful. It gets worse everyday. Allowing people to move to Lucas and not addressing traffic is a derelicted duty for the Council members. I like it country also but we must do something about traffic. They are coming thru Lucas whether it is 2 or 4 lanes. Lucas needs to adjust and come into the 21st Century.
11	I would like the city to encourage other internet/phone providers to service our area. When Frontier took ours from Verizon, the customer service and billing problems began. They are horrible!
12	We need better internet connectivity or choics. Current options are to susceptible to precipitation. We lose signal in bad weather which is when you need it most. Also no cable providers. Must rely on satellite which also fails in precipitation. Need a provider which is not affected by rain events.
13	When will we get our own police force?
14	Could the Lucas Leader also be distributed electronically? I can see it being available to download from the city web page, and a nixle message assuming when a new issue is available.
15	It would be nice to have another cable provider to keep Frontier competitive. Also be nice to have our own post office. Hard to imagine a city of good residents without a P. Office.
16	I would like to see greater choice in internet providers. Our location was either Frontier (FiOS, formerly Verizon) or 4G Hotspot from Verizon or AT&T. Frontier is the most customer-hostile, poorly-run business I have ever encountered as a cusstomer. Sadly, w/o competition, they are unlikely to make any improvements.
17	In the future you may want to provide an envelope that fits with the survey.
18	Weekly or month email updates would be awesome. Perhaps a notification of upcoming city council meeting agendas via email. A better electronic provider, Oncor has issues every time the wind blows. Our power fluctuates consistently, enough to fry the motherboard on a new A/C unit.
19	I like text notifications best. Easy to keep up with road closures/etc...
20	It is very concerning how high our speedy limits have remained through out city growth. I cannot think of any large or small town close by that you are allowed to drive over 45 mph. Most days, I feel lucky to pull out of my subdivision and not get hit. People rarely drive under 50 mph coming from the Wylie (Southview Rd) area. I have heard many people say that they use Lucas as a cut through because they can go over 50 mph and know there are never any police. Lowering speed limits and more police present would help cut down on traffic and accidents.
21	We live in Hidden Creek and our only choice for internet is Frontier. They are horrible - from installation, service, repair & customer service. PLEASE assist us in adding more providers to our neighborhood! We should be given a choice and not be forced to use a sub-par provider given all the other choices out there. I vote for AT&T Uverse but could go another way - we absolutely HATE having to deal with Frontier! Every time we call or have a repair person here, they act as if they know what they're doing and it's always a different story. Their employees need training badly!
22	Very proud of the Lucas leadership. Thank you!
23	Would love to see additional high-speed option (AT&T) - Frontier service is horrible.

24	Y'all are GREAT!!
25	We need faster internet service.
26	I would love to use the Lucas website more, but I don't feel there is enough current information on there. Perhaps consider modernizing the site for online billing and information to keep residents informed in real time.
27	1. Please continue to keep the rural nature of the city by limiting speed limits, road and traffic improvements. 2. Keep the "horse flavor of the city" but consider adding bike and walking paths/trails that connects our subdivisions and neighborhoods. 3. The city internet site, even though it looks good, is not easy to get data and information.
28	I do not know what Nixie is or how to access it.
29	You didn't list email.
30	I love the newsletters, but I prefer the old newsletter content and format. In years past, the newsletter informed the community about about civic activities taking place within the city -- who's buying what land and for what purpose, projects, city council agenda, upcoming votes, decisions, etc. The new format is more of a social newsletter, which is of less value, I feel. If citizens are interested in the upcoming scarecrow contest, my opinion is that that information is better suited for Facebook. I prefer to hear how Lucas is changing, what the council, mayor, and others are contemplating and how those things impact the city. For example, I'd be interested to know that a home builder bought land down the street and will be building 100 new homes or that zoning change is contemplated at xyz intersection. The highlights of those activities would help citizens stay informed about important activities happening in Lucas.

ADDITIONAL COMMENTS

N/A

1	We would love to more options for internet providers and or tv through cable and or fiber. I feel like we live way out of the city limits but we really aren't. Also, Country Club Dr. is starting to feel like a race track. It's hard to get out on to the road in the morning and evening when traffic is heavy. People tend to be driving too fast. Growth is great when your ready for it. Thank you.
2	It would be nice if we could have access to wireless internet. I would check the city website if it didn't take so long on the computer or cost on my phone.
3	I would like to receive word on businesses going in before they actually have ribbon cutting. Found out by word of mouth (because I asked) there was two dentists and a nail salon going in north of the vet clinic.
4	Beside the poor internet quality, cell phone coverage by AT&T has been poor as well. The towers aren't tall enough for us lower than branch road to reach them. The older neighborhoods are the last to get anything up to date, especially internete!
5	We would love to have better network. We regularly lose cell phone connections, especially during rush hour: We are not able to receive calls, nor texts, nor can we send any. Internet is slow, quasi-inexisent with little choice of provider. Working from home is hard.
6	*Attached Letter

RICHARD ROWE
345 Estelle Lane
Allen, Texas 75002
Monday October 1, 2018

CITY OF LUCAS SURVEY

SUBJECT: AT&T LAND LINE & INTERNET PROBLEMS

What is the AT&T IMAGE that is hated by every AT&T customer?
The constant price change without any notice – going up – up – up!

Another blow came when AT&T insisted on installing U-verse. It cannot even be called archaic, because the big problem with it, **did not even exist** back in the 1930's with our old BELL SYSTEM. **NOW WHEN WE LOSE ELECTRICITY – WE LOSE THE WHOLE PHONE SYSTEM!**

Recently this area's **mailing system** had a “**disaster**” - the chemical spill – that lost an unnumbered amount of mail.

We – **customers that always pay on time** – our check to AT&T – was lost. When notified by AT&T - we immediately sent a replacement check. Yet with this local disaster – **AT&T DEMANDED THEIR “LATE FEE”**.

What is **AT&T'S FATAL FLAW?** - - the **LOVE OF MONEY!**



City of Lucas

City Council Agenda Request

November 1, 2018

Requester: Mayor Jim Olk

Agenda Item Request

Consider appointing a member to the initial North Central Texas Council of Governments 9-1-1 Emergency Communications District Board.

Background Information

The North Central Texas Council of Governments (NCTCOG) administers 9-1-1 services to cities under the direction of the Texas Commission on State Emergency Communications. In the 84th Legislative Session, a law was passed that allowed Councils of Governments to form 9-1-1 districts whereby all fees collected from citizens or businesses within these districts are remitted directly to that district to be used for the provision of 9-1-1 services. The City Council passed Resolution R 2016-04-00448 in support of that district creation within the NCTCOG region.

State law stipulates that an initial board meeting of the NCTCOG 9-1-1 Emergency Communications District must be held to determine the size and qualification of a permanent board. The initial board is comprised of elected officials. The City is not required to appoint a representative, but an appointment must be received by the NCTCOG by November 16.

Attachments/Supporting Documentation

1. Letter from NCTCOG
2. Resolution R 2016-04-00448 approving creation of Regional Emergency Communication District
3. Resolution R 2018-11-00477 Appointing member to initial 9-1-1 District Board

Budget/Financial Impact

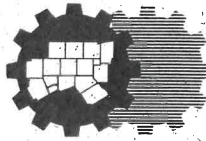
NA

Recommendation

NA

Motion

I make a motion to appoint _____ to the NCTCOG initial 9-1-1 Emergency Communications District Board.



North Central Texas Council Of Governments

October 15, 2018

Jim Olk
Mayor
665 Country Club Road
Lucas, TX 75002

Dear Mayor Olk:

The North Central Texas COG (NCTCOG) currently administers 9-1-1 services on your behalf under the direction of the Texas Commission on State Emergency Communications. To pay for the provision of these 9-1-1 services, state law provides for a \$.50-fee to be collected each month on individual and business telephone bills. These fees are collected by the State Comptroller's office and the State Legislature determines how much of the funds from these fees are returned to our region. At this time, the state is holding a large amount of the funds generated by these fees.

In the 84th Session of the Legislature, a law was passed (SB 1108) allowing councils of governments to form 9-1-1 Districts whereby all fees collected from citizens and businesses within these districts are remitted directly to the districts to be used solely for the provision of 9-1-1 services. It also called for these districts to be governed by local elected officials from member counties and cities.

During the past year, your jurisdiction passed a resolution supporting the formation of the 9-1-1 District within the NCTCOG region. This district will be created on December 3, 2018. State law stipulates that an initial board meeting be held to determine the size and qualification of a permanent board and to conduct other necessary business. The initial board will be comprised of elected officials appointed by their governing bodies through an official resolution. As an eligible jurisdiction, you are entitled to appoint said representative, but you are not required to do so. A sample resolution is enclosed for your convenience and is due no later than Friday, November 16, 2018.

If you decide to officially appoint a representative, please be certain that the person selected is committed to attend the initial board meeting as this will affect quorum requirements and meeting logistics.

Even if you do not officially appoint an initial board member, individuals from your jurisdiction are welcome to attend and observe the meeting. Please RSVP if you plan to have lunch with us.

The initial Board meeting will be held as follows:

DATE: December 5, 2018
TIME: 10:30 am – 12:30 pm (lunch will be served)
LOCATION: NCTCOG Transportation Council Room
616 Six Flags Drive
Arlington, TX 76011

Please mail or email your Resolutions and RSVP by no later than Friday, November 16, 2018 to:
9-1-1 Projects, NCTCOG, PO Box 5888, Arlington, TX, 76005; or 911Projects@NCTCOG.org.

Should you have questions regarding the formation of the district or initial board meeting please contact me at (817) 695-9101.

Sincerely,



Mike Eastland
Executive Director

cc: Christy Williams, Director of 9-1-1, NCTCOG

Enclosures: Sample Resolution



RESOLUTION R-2016-04-00448

(Supporting Creation of Regional Emergency Communications District)

A RESOLUTION OF THE CITY OF LUCAS, TEXAS, SUPPORTING THE CREATION OF THE NORTH CENTRAL TEXAS REGIONAL 9-1-1 EMERGENCY COMMUNICATIONS DISTRICT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Chapter 772, Subchapter H, of the Texas Health and Safety Code, cited as the Regional Emergency Communications District Act (the “act”), provides for the creation of a Regional Emergency Communications District; and

WHEREAS, the act applies to a state planning region established under Chapter 391 of the Texas Local Government Code with a population of under 1.5 million, composed of counties and municipalities that operate a 9-1-1 system solely through a regional planning commission; and

WHEREAS, the Act requires that the governing bodies of each participating county and municipality in the region adopt a resolution approving the creation of the Regional Emergency Communications District (the “District”); and

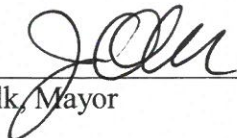
WHEREAS, as of April 21, 2016, the City of Lucas exclusively receives 9-1-1 system services operated through the North Central Texas Council of Governments, a regional planning commission.

WHEREAS, the City Council of the City of Lucas finds it to be in the best interest of its citizens to support the creation of the North Central Texas Regional 9-1-1 Emergency Communications District;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LUCAS, TEXAS, HEREBY SUPPORTS THE CREATION OF THE NORTH CENTRAL TEXAS REGIONAL 9-1-1 EMERGENCY COMMUNICATIONS DISTRICT.

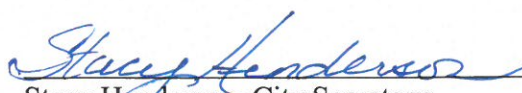
DULY PASSED AND APPROVED by the City Council of the City of Lucas, Texas, on this the 19th day of May, 2016.

City of Lucas, Texas



Jim Olk, Mayor

ATTEST:



Stacy Henderson, City Secretary





RESOLUTION NO. R 2018-11-00477
[Appointing Member to initial 9-1-1 NCTCOG District Board]

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LUCAS, TEXAS, APPOINTING A MEMBER TO THE INITIAL 9-1-1 DISTRICT BOARD OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS 9-1-1 EMERGENCY COMMUNICATIONS DISTRICT BOARD.

WHEREAS, the North Central Texas Council of Governments (NCTCOG) is the regional planning commission for the 16-county North Central Texas region and provides 9-1-1 service under contract with the Texas Commission on State Emergency Communications (CSEC); and,

WHEREAS, the jurisdictions receiving 9-1-1 services from NCTCOG have determined that creating a regional emergency communication district pursuant to Texas Health & Safety Code Chapter 772.601 to locally administer such services is preferable; and,

WHEREAS, on April 6, 2017, the City of Lucas passed a resolution approving the district’s creation; and,

WHEREAS, NCTCOG will serve as the fiscal and administrative agent for the district consistent with Texas Health & Safety Code Chapter 772.609; and

WHEREAS, the district will be governed by a board of managers, with an initial board composed of primarily elected officials appointed by the governing bodies of participating counties and municipalities responsible for establishing the size of the board and the qualifications of board members; and,

WHEREAS, the City of Lucas wishes to have an appointee serve on the initial board, count towards purposes of determining a quorum, and has identified a qualified individual to attend the initial board meeting anticipated to occur on December 5, 2018 in Arlington, Texas.

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

SECTION 1. The City of Lucas appoints [redacted] to serve on the initial North Central Texas 9-1-1 Emergency Communications District Board.

SECTION 2. This resolution shall be transmitted to NCTCOG.

SECTION 3. This Resolution shall take effect immediately upon its passage.

DULY PASSED by the City Council of the City of Lucas, Texas, on the 1st day of November, 2018.

ATTEST:

APPROVED:

Stacy Henderson, City Secretary

Jim Olk, Mayor



City of Lucas

City Council Agenda Request

November 1, 2018

Item No. 06

Requester: Mayor Jim Olk

Agenda Item Request

Consider cancelling the December 20, 2018 City Council meeting.

Background Information

The second City Council meeting in December is December 20, 2018. Due to its close proximity to the Christmas holiday, staff is proposing this meeting be cancelled.

Attachments/Supporting Documentation

1. December calendar of events

Budget/Financial Impact

NA

Recommendation

Staff recommends cancelling the December 20, 2018 City Council meeting.

Motion

I make a motion to cancel the December 20, 2018 City Council meeting.

December 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6 City Council Meeting	7 Country Christmas	8
9	10	11	12	13 Planning and Zoning Meeting	14	15
16	17	18	19	20 City Council Meeting	21	22
23	24 Christmas Holiday (City offices closed)	25 Christmas Holiday (City offices closed)	26	27	28	29
30	31					



City of Lucas Council Agenda Request November 1, 2018

Requester: Mayor Jim Olk

Agenda Item Request

Executive Session.

There are no items scheduled for Executive Session.

Background Information

NA

Attachments/Supporting Documentation

NA

Budget/Financial Impact

NA

Recommendation

NA

Motion

NA