

City of Lucas City Council Meeting February 2, 2017 7:00 PM

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

Notice is hereby given that a City of Lucas meeting of the City Council will be held on Thursday, February 2, 2017 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 Citizens' 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 it 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. Citizens' 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. Items of Community Interest:

Discuss pending legislation that is being considered by the 85th Legislature and provide guidance to City Staff and City Attorney. (City Manager Joni Clarke)

Consent Agenda

- 3. Consider approval of the minutes of the January 19, 2017 City Council meeting. (City Secretary Stacy Henderson)
- 4. Consider adopting Ordinance 2017-02-00848 ordering a General Election to be held on May 6, 2017 for the purpose of electing two City Councilmembers for Seat No. 1 and Seat No. 2, designating location of a polling place, ordering Notice of Election and authorizing execution of a joint election agreement. (City Secretary Stacy Henderson)
- 5. Consider approving a Proclamation declaring May 2017 as Building Safety Month. (Mayor Jim Olk)

Regular Agenda

- 6. Presentation and discussion from Lovejoy High School students participating in the Lovejoy ISD Independent Studies Program: (City Secretary Stacy Henderson)
 - Catherine Wilson, Equine Therapy
 - Davis Mosel, Coding
- 7. Consider appropriating \$150,000 from the Water Fund Reserves to Account Number 8210-490-104 to implement Phase One of the water meter replacement program. (**Development Services Director Joe Hilbourn**)
- 8. Consider creating a position in the Public Works Department for a Public Works Specialist I with annual personnel costs, including salary and benefits totaling \$44,902. (Development Services Director Joe Hilbourn)
- 9. Consider amending the FY 16-17 budget for a 20% contingency in the amount of \$311,956 for the Blondy Jhune Road Bridge Replacement Project from account 21-8210-491-121 Blondy Jhune Bridges/Safety Projects to be funded by remaining 2015 Certificates of Obligation \$139,503, and Impact Fee Reserves in the amount of \$154,453. (Public Works Director/City Engineer Stanton Foerster)
- 10. Discuss and finalize the Water System section of the Capital Improvement Plan. (Development Services Director Joe Hilbourn)
- 11. Consider adopting Ordinance 2017-02-00849 appointing Dana Huffman as Municipal Court Judge for the City of Lucas for a two-year term expiring on February 2, 2019. (Human Resources Manager Cheryl Meehan)
- 12. Consider authorizing the Mayor to enter into an agreement with Judge Dana Huffman for Municipal Court services for the City of Lucas and establish requirements and compensation. (Human Resources Manager Cheryl Meehan)

Executive Session

The City Council may convene in a closed Executive Session pursuant to Chapter 551.071 of the Texas Government Code.

No items are scheduled for Executive Session.

13. Adjournment.

Certification

I 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 January 25, 2017.

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 February 2, 2017

Requester: Mayor Jim Olk
Agenda Item:
Citizens' Input
Background Information:
NA
Citizen Summary:
Citizen Input is an item at the beginning of each City Council agenda that allows citizens an opportunity to address the City Council on any subject. In accordance with the Texas Open Meetings Act however, the City Council cannot discuss issues raised or make decisions regarding any items that are not on the agenda, but the City Council may refer items to City Staff for research and possible inclusion on a future agenda.
Attachments/Supporting Documentation:
NA
Budget/Financial Impact:
NA
Recommendation:
NA
Motion:
NA



City of Lucas Council Agenda Request February 2, 2017

Requester: City Manager Joni Clarke

Items of Community Interest:

Discuss pending legislation that is being considered by the 85th Legislature and provide guidance to City Staff and City Attorney.

Background Information:

NA

Citizen Summary:

Under Community Interest items, the City Council may report to the public on items such as an expression of thanks, congratulations or condolences, recognition of individuals, reminders of upcoming community events, and announcements involving imminent threat to public health and safety.

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA

Item No. 03-04-05



City of Lucas Council Agenda Request February 2, 2017

Requester: City Secretary Stacy Henderson, Human Resources Manager Cheryl Meehan,

Mayor Jim Olk

Consent Agenda Items:

3. Consider approval of the minutes of the January 19, 2017 City Council meeting. (City Secretary Stacy Henderson)

- 4. Consider adopting Ordinance 2017-02-00848 ordering a General Election to be held on May 6, 2017 for the purpose of electing two City Councilmembers for Seat No. 1 and Seat No. 2, designating location of a polling place, ordering Notice of Election and authorizing execution of a joint election agreement. (City Secretary Stacy Henderson)
- 5. Consider approving a Proclamation declaring May 2017 as Building Safety Month. (Mayor Jim Olk)

Background Information:

Agenda Item No. 4

City Council Seats 1 and 2 are on the ballot for the upcoming May 6, 2017 General Election. Ordinance 2017-02-00848 orders the May 6, 2017 General Election, designates the Lucas Community Center as a polling location, and authorizes execution of a joint election agreement with Collin County.

Attachments/Supporting Documentation:

- 1. Minutes of the January 19, 2017 City Council meeting
- 2. Ordinance 2017-02-00848, Ordering General Election
- 3. Building Safety Month Proclamation

Budget/Financial Impact:

NA

Recommendation:

City Staff recommends approval of the Consent Agenda.

Motion:

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



City of Lucas City Council Meeting January 19, 2017 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: Staff Present:

Mayor Jim Olk City Manager Joni Clarke
Mayor Pro Tem Kathleen Peele City Attorney Julie Dosher
Councilmember Wayne Millsap City Secretary Stacy Henderson

Councilmember Tim Baney Development Services Director Joe Hilbourn

Councilmember Steve Duke
Public Works Director/City Engineer Stanton Foerster
Councilmember Philip Lawrence
Cathey Bonczar, Executive Assistant/Special Projects

Councilmember Debbie Fisher (arrived at 7:02pm) Coordinator

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

Citizen Input

1. Citizen Input:

There was no citizen input.

Community Interest

2. Community Interest Items.

Mayor Olk announced that a Transportation Town Hall meeting would take place on January 26, 2017 at 6:30 pm at City Hall to discuss the City's Thoroughfare Plan.

Executive Session

The City Council may convene in a closed Executive Session pursuant to Chapter 551.071 of the Texas Government Code.

3. Pursuant to Section 551.074 of the Texas Government Code, the City Council will convene into Executive Session to conduct an interview for appointment to the Board of Adjustment.

The City Council convened into Executive Session at 7:02 pm.

4. Reconvene into open session and take any action necessary as a result of the Executive Session.

The City Council reconvened from Executive Session at 7:27 pm and there was no action taken as a result of the Executive Session.

Consent Agenda

- 5. Consider approval of the minutes of the January 5, 2017 City Council meeting.
- 6. Consider authorizing the City Manager to enter into an agreement with Judge Dana Huffman for Municipal Court services for the City of Lucas and establish requirements and compensation.

Mayor Olk noted that Agenda Item No. 6 would be removed from the Agenda as it required an ordinance for approval of the agreement. Mayor Olk noted that this agenda item would be brought back to the February 2, 2017 City Council meeting for consideration and include an ordinance for approval.

MOTION: A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to approve Agenda Item No. 5 on the Consent Agenda and remove Agenda Item No. 6. The motion passed unanimously by a 7 to 0 vote.

Regular Agenda

7. Receive an update from Barnes Waste Disposal Services regarding the need to discontinue the recycling program and provide direction to staff.

Norman Barnes, with Barnes Waste Disposal explained that their recycling program was experiencing difficulties due to the facility they use for processing recycling had closed in December. Mr. Barnes noted that since December, recyclables were being taken to a location in Arlington that significantly impacted their program due to the processing rate being charged and logistics in traveling to a much farther location. Mr. Barnes explained that their company was losing approximately \$2,000 monthly.

Mr. Barnes stated that a company in McKinney could be used to process recycling but their rates were significantly higher. Mr. Barnes explained that in order to maintain the recycling program in Lucas, an increase in cost would have to be considered.

The City Council discussed with Mr. Barnes the number of participants in the recycling program, recyclable materials versus trash items, the option of having a city-wide recycling program versus maintaining the option of opting into the recycling program. The size and weight of trucks used for recycling was also discussed, as well as manual equipment versus automated equipment.

Mayor Olk asked that Barnes Waste Disposal bring back to the February 2, 2017 City Council meeting, an outline of what it would cost for Barnes to offer a city-wide recycling program using containers, as well as continuing the recycling program as is currently with the option to participate in recycling. Mayor Olk asked staff to outline what costs were associated with having an

independent contractor provide recycling services to existing recycling customers as well as a city-wide program, the truck size to be used and if they were automated.

There was no formal action taken on this item.

8. Consider authorizing the City Manager to enter into a construction contract with TLC Pipeline, Inc. for the construction of the Parker Road 12-Inch Waterline Phase 1, Section 1 between Stinson Road and Toole Drive in the amount not to exceed \$184,395.00 plus a 20% contingency.

Public Works Director/City Engineer Stanton Foerster gave a presentation discussing bid details associated with the construction project, and submitted to the City Council a letter of recommendation from BW2 Engineers awarding the contract to TLC Pipeline, Inc.

MOTION: A motion was made by Councilmember Millsap, seconded by Councilmember Baney to authorize the City Manager to enter into a construction contract with TLC Pipeline, Inc. for the construction of the Parker Road 12-Inch Waterline Phase 1, Section 1 between Stinson Road and Toole Drive in the amount not to exceed \$184,395 plus a 20% contingency. The motion passed unanimously by a 7 to 0 vote.

9. Consider authorizing the City Manager to negotiate and execute a contract with HD Supply for the provision of water meters for the City of Lucas water system.

Development Services Director Joe Hilbourn gave a presentation discussing the Infinity registers used to measure water consumption were experiencing failures. Mr. Hilbourn explained the various measures taken to rectify the register failures that eventually led to an upgrade of all registers in the City during the last fourteen months. Mr. Hilbourn explained that the City was again experiencing register failures and was now looking into changing companies.

Mr. Hilbourn noted that staff evaluated three vendors: HD Supply with the Neptune Meter; Hydro Pro Solutions with the Master Meter; and Ferguson Waterworks with the Mueller Meter.

Mr. Hilbourn discussed with the City Council the meter implementation plan for the replacement of all meters over a three-year period that would require additional funding, as well as the possibility of another staffing position to implement the replacement process.

The City Council discussed the failure rates occurring, AMI versus AMR technology, the cost associated with each, and the potential need for additional staffing to monitor the program.

MOTION: A motion was made by Councilmember Fisher, seconded by Councilmember Millsap to authorize the City Manager to negotiate a contract with HD Supply for the AMR Neptune Meter in the amount not to exceed 629,860, without installation costs. The motion passed unanimously by a 7 to 0 vote.

10. Discuss and finalize the Land Use Map for the Comprehensive Plan.

Development Services Director Joe Hilbourn gave a presentation discussing the following amendments recommended to the Land Use Map by the Planning and Zoning Commission:

- All public schools be rezoned to Commercial
- Four (4) lots at the intersection of Rock Ridge and Estates be rezoned to Village Center

- Change zoning on the vacant lot on Stinson Road, north of the Parker Road/Stinson Road intersection to R-1.5 to make the entire lot consistent zoning.
- Change the zoning of the subdivisions of Edgewood and Cimarron to R-1 as they were developed
- Areas within the City's ETJ be rezoned as Residential (R)

Councilmember Fisher and Councilmember Baney discussed the proposed Village Center rezoning noting that there was existing commercial property in the area that had not been developed and concerns associated with adding more commercial property in the City.

Councilmember Duke, Councilmember Millsap and Mayor Olk discussed the uses surrounding the residential lots consisting of a high school, lift station and commercial zoning. It was discussed that Village Center zoning was a good transition zoning for the area. Mayor Pro Tem Peele suggested a Planned Development may be a more appropriate zoning for the property. The Council discussed the tighter controls in place that accompany Village Center rezoning.

Rebecca Mark, 2550 Estates Parkway, stated that she along with the other three homeowners present affected by the proposed Village Center rezoning, were in favor of the zoning change taking place. Ms. Mark stated that the four properties were all affected by the noise and lights of the high school, the surrounding commercial property, and believed the best and highest use for the four residential lots was the Village Center zoning.

The City Council stated that they would like to change the City's ETJ zoning to R-2 rather than R as recommended by the Planning and Zoning Commission.

MOTION: A motion was made by Mayor Olk, seconded by Councilmember Duke to designate the four residential lots along Estates Parkway as Village Center zoning; change the zoning of the City's ETJ area to R-2; rezone all public schools to Commercial; change the zoning on the vacant lot on Stinson Road to R-1.5; correct the zoning of the subdivisions of Edgewood and Cimarron to R-1.

The motion **failed** for lack of majority vote with Councilmember Fisher, Councilmember Baney, and Mayor Pro Tem Peele voting in opposition. Councilmember Lawrence abstained from the vote, which is considered a "no" vote.

Mayor Olk asked that two Land Use Maps be brought forward to the March 2, 2017 City Council meeting, one depicting Village Center zoning for the four residential lots along Estates Parkway, and one map depicting R-2 zoning for the four residential lots. Mayor Olk stated that the final version of the Land Use Map could be approved along with the Comprehensive Plan.

11. Discuss and finalize the Policies and Procedures section of the Capital Improvement Plan.

Mayor Olk noted the following changes to the Policies and Procedures for the Capital Improvement Plan.

• Change paragraph 3, item No. 2 to read as follows 2) enhancement of an existing fixed asset.

• Change paragraph 4, adding a sentence to the end of the paragraph to read as follows: Example of an enhancement to a fixed asset would be reconstruction or reconditioning of streets.

There were no other comments or edits to the Policies and Procedures section of the Capital Improvement Plan.

12.	Adjournment.
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MOTION:	A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to adjount the meeting at 9:11pm. The motion passed unanimously by a 7 to 0 vote.				
APPROVED:	D: ATTEST:				
Jim Olk, Mayo	70r Stacy Henderson, C	 City Secretary			

ORDINANCE 2017-02-00848

(Calling for May 6, 2017 General Election)

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LUCAS, COLLIN COUNTY, TEXAS, ORDERING A GENERAL ELECTION TO BE HELD ON MAY 6, 2017, FOR THE PURPOSE OF ELECTING TWO (2) CITY COUNCILMEMBERS FOR SEAT NO. 1 AND SEAT NO. 2; DESIGNATING LOCATION OF POLLING PLACE; ORDERING NOTICE OF ELECTION TO BE GIVEN AS PRESCRIBED BY LAW IN CONNECTION WITH SUCH ELECTION; AUTHORIZING EXECUTION OF JOINT ELECTION AGREEMENT; AND PROVIDING FOR AN EFFECTIVE DATE.

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

- **Section 1.** A General Election is hereby ordered for May 6 2017, for the purpose of electing two (2) Lucas City Councilmembers for Seat No. 1 and Seat No. 2, each such term being for a period of three (3) years; The filing period for the General Election shall begin on January 18, 2017, and end on February 17, 2017, at 5:00 p.m. in accordance with State Law.
- Section 2. Pursuant to the Joint Election Agreement, the Elections Administrator of Collin County shall serve as Elections Administrator for the election. Presiding Election Judges and Alternate Presiding Election Judges appointed to serve the authorized polling places and the early voting clerk and deputy early voting clerks shall be those election officials furnished by the Elections Administrator from the list of proposed election judges as required in the Elections Services Contract. The City Manager and City Secretary are hereby authorized to execute an Elections Services Contract with the Collin County Elections Department for the General Election on May 6, 2017. The City Secretary shall have further authority to approve any minor modifications as may be necessary in the best interest of the City. A voting system or systems meeting the standards and requirements of the Texas Election Code, as amended, is hereby adopted and approved for early voting by personal appearance and by mail and for election day voting.
- **Section 3.** Notice of the General Election shall be posted on the bulletin board used to post notice of the City Council meetings and be published in a newspaper of general circulation in the City. That said Notice must be published at least once, not earlier than the 30th day or later than the 10th day, before Election Day as provided in Section 4.003(a)(1) of the Texas Election Code. A copy of the published Notice that contains the name of the newspaper and the date of publication shall be retained as a record of such notice, and the person posting the Notice shall make a record of the time of posting, starting date, and the place of posting.
- **Section 4.** The entire City shall constitute one election precinct for this election and Lucas Community Center located at 665 Country Club Road, Lucas, Texas is hereby designated the polling place. The election officers and maximum number of clerks for said polling place shall be determined and appointed in accordance with the provisions of the Contract.

On Election Day, the polls shall be open from 7:00 A.M. to 7:00 P.M.

Early voting by personal appearance shall also be conducted at the Lucas Community Center located at 665 Country Club Road, Lucas, Texas. City of Lucas voters may vote at any of the additional Early Voting locations open under full contract services with the Collin County Elections Administration. If the election services contract with the Collin County Elections Administrator revises the polling places listed previously, the City will utilize the polling places designated in said Election Services Contract, as the same may be amended from time to time.

Applications for ballot by mail shall be received and processed by the Collin County Elections Administrator, 2010 Redbud Boulevard, Suite 102, McKinney, Texas 75069. Applications for ballots by mail must be received no later than the close of business on April 25, 2017.

Early voting for the General Election shall begin on Monday, April 24, 2017, and end Tuesday, May 2, 2017, and the dates and hours designated for early voting by personal appearance at the early voting locations shall be as set forth as follows:

Dates	Hours
Monday, April 24, 2017 Through	8:00 A.M. to 5:00 P.M.
Wednesday, April 26, 2017	
Thursday, April 27, 2017	8:00 A.M. to 7:00 P.M.
Friday, April 28, 2017	
and	8:00 A.M. to 5:00 P.M.
Saturday, April 29, 2017	
Monday, May 1, 2017	
and	7:00 A.M. to 7:00 P.M.
Tuesday, May 2, 2017	

For purposes of processing ballots cast in early voting, the election officers for the early voting ballot board for this election shall be appointed and designated in accordance with the provisions of the Contract.

Section 5. The City Secretary shall present the General Election returns to the City Council at a Council meeting for the canvassing of said election in accordance with the Texas Election Code. The candidates for Councilmember for Seat No. 1 and Councilmember for Seat No. 2 that receive a majority of valid votes by qualified voters at the election shall be declared elected. In the event no candidate receives a majority of all the votes cast for all the candidates for an office, a runoff election shall be ordered by the City Council in accordance with the Lucas City Charter and State law.

Section 6. This Ordinance shall take effect immediately upon its passage.

APPROVED AND ADOPTE February, 2017.	D by the City Council of the City of Lucas this 2 nd day of
	Jim Olk, Mayor
ATTEST:	
Stacy Henderson, City Secretary	
APPROVED AS TO FORM:	
Joseph J. Gorfida, Jr. (02-05-2016/75398)	



Building Safety Month - May 2017

WHEREAS, the City of Lucas' continuing efforts to address the critical issues of life safety, energy efficiency, and community resilience in the built environment that affect our citizens, both in everyday life and in times of natural disaster, give us confidence that our structures are safe and sound, and;

WHEREAS, our confidence is achieved through the devotion of vigilant guardians—building safety and fire prevention officials, architects, engineers, builders, tradespeople, laborers and others in the construction industry—who work year-round to ensure the safe construction of buildings, and;

WHEREAS, these guardians—participate in code development with the International Code Council—use a governmental consensus process that brings together local, state and federal officials with expertise in the built environment to create and implement the highest-quality codes to protect Americans in the buildings where we live, learn, work, worship, play, and;

WHEREAS, the International Codes, the most widely adopted building safety, energy and fire prevention codes are used by almost all municipalities in the State of Texas as well as nationally; these modern building codes also include safeguards to protect the public from natural disasters such as hurricanes, tornadoes, wildland fires, floods and earthquakes, and;

WHEREAS, Building Safety Month is sponsored by the International Code Council, to remind the public about the critical role of our communities' largely unknown guardians of public safety—our local code officials—who assure us of safe, efficient and livable buildings, and;

WHEREAS, "Code Officials – Partners in Community Safety and Economic Growth" the theme for Building Safety Month 2017, encourages all Americans to recognize the important role of code officials in building safe and resilient construction while supporting economic development; fire prevention; disaster mitigation, water safety and conservation; energy efficiency and new technologies in the construction industry. Building Safety Month 2017 encourages appropriate steps everyone can take to ensure that the places where we live, learn, work, worship and play are safe and sustainable, and recognizes that countless lives have been saved due to the implementation of safety codes by local and state agencies, and,

WHEREAS, each year, in observance of Building Safety Month, Americans are asked to consider projects to improve building safety and sustainability at home and in the community, and to

acknowledge the essential service provided to all of us by local and state building departments, fire
prevention bureaus and federal agencies in protecting lives and property.
NOW. THEREFORE I Jim Olk Mayor of the City of Lucas, do hereby proclaim the month of

of

May 2017 as Building Safety Month.	nty of Eucas, do hereby proclaim the month of
IN WITNESS WHEREOF, I have hereunto set roof the City of Lucas, this 2nd day of February, 2017.	•
Jim Olk, Mayor	Stacy Henderson, City Secretary



City of Lucas Council Agenda Request February 2, 2017

Requester: Mayor Jim Olk

Agenda Item:

Presentation and discussion from Lovejoy High School students participating in the Lovejoy ISD Independent Studies Program:

- Catherine Wilson, Equine Therapy
- Davis Mosel, Coding

Background Information:

As part of the Lovejoy ISD Independent Studies Program, students from Lovejoy High School are required to present their project of interest to a public audience and have asked if they may present their reports to the City Council. This is the third year in a row that the students of Lovejoy High School will be sharing their presentations with the City Council.

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas City Council Agenda Request February 2, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Consider appropriating \$150,000 from the Water Fund Reserves to Account Number 8210-490-104 to implement Phase One of the water meter replacement program.

Background Information:

At the January 19, 2017 City Council meeting, the City Council authorized the City Manager to execute a contract with HD Supply for the AMR Neptune Meter in the amount not to exceed \$629,860 to replace the City's existing meters and registers.

Attachments/Supporting Documentation:

N/A

Budget/Financial Impact:

The City funded \$100,000 for meter and register replacement during the fiscal year 16/17 budget process. An additional \$150,000 is needed to fund Phase 1 of the water meter and register replacement program.

Recommendation:

Approve the request as presented

Motion:

I make a motion to appropriate \$150,000 from the Water Fund Reserves to Account Number 8210-490-104 to implement Phase One of the water meter replacement program.



City of Lucas City Council Agenda Request February 2, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Consider creating a position in the Public Works Department for a Public Works Specialist I with annual personnel costs, including salary and benefits totaling \$44,902.

Background Information:

On January 19, 2017, the City Council authorized the City Manager to enter into a contract with HD Supply in the amount of \$629,860, excluding the installation costs of \$79,744, to replace the City's existing meters and registers with the AMR Neptune Meter.

Staff is proposing creating an additional position in the Public Works Department to manage the installation of the water meters and registers based on the age of the equipment. The staffing plan included in the fiscal year 16/17 budget outlined adding one Public Works Specialist position in fiscal year 2017/2018 budget. The approximate cost for salary and benefits associated with this position is \$44,902. The benefit of creating this position is to ensure that the knowledge of the system is maintained by the City, adequately respond to citizen requests, and avoid potential register failures.

Attachments/Supporting Documentation:

N/A

Budget/Financial Impact:

The financial impact to the FY 2016-2017 budget would be as follows:

•	\$20,400	Account 51-6400-102 Salaries/Benefits – Non-Exempt
•	\$2,836	Account 51-6400-122 TMRS
•	\$296	Account 51-6400-127 Medicare
•	\$5,736	Account 51-6400-123 Group Insurance
•	\$104	Account 51-6400-129 Long term disability
•	\$101	Account 51-6400-112 Workers Comp
•	\$1,613	Account 51-6400-111 Overtime
	\$31,086	



City of Lucas City Council Agenda Request February 2, 2017

Recommendation:

Approve the request as presented

Motion:

I make a motion to approve the Public Works Specialist I position and amend the FY 2016-2017 budget by \$31,086 as detailed above funding the position with water fund reserves.



City of Lucas City Council Agenda Request February 2, 2017

Requester: Public Works Director/City Engineer Stanton Foerster

Agenda Item:

Consider amending the FY 16-17 budget for a 20% contingency in the amount of \$311,956 for the Blondy Jhune Road Bridge Replacement Project from account 21-8210-491-121 Blondy Jhune Bridges/Safety Projects to be funded by remaining 2015 Certificates of Obligation \$139,503, and Impact Fee Reserves in the amount of \$154,453.

Background Information:

During the July 21, 2016, City Council meeting, the City Council unanimously approved the funding of the construction project plus the 20% contingency, but the source of funding for the contingency was not specifically cited.

There have been two activities arise that need to be funded from the contingency funds:

- 1. Utility conflict drill shaft design work by Lake Engineering \$18,000. This work was completed in November 2016 and paid December 2016.
- 2. Utility Conflict Change Order/Modification Request submitted by Structural Assurance in the amount of \$72,555. This work took place in November 2016 through mid-January 2017. Public Works Director/City Engineer Stanton Foerster authorized the work before the costs were finalized in effort to not delay or stop the project.

There is a third activity involving a new water service line for the home at 725 Blondy Jhune Road, but staff has not received a cost estimate yet. This work is needed to eliminate the water service line within the south abutment of the west bridge.

Attachments/Supporting Documentation:

- 1. Lake Engineering Invoice
- 2. Structural Assurance Modification Request
- 3. 2015 Certificate of Obligation Funding Blondy Jhune Bridge Project

Budget/Financial Impact:

There is \$139,503 balance left in the 2015 Certificate of Obligation, and staff is proposing to use the remaining 2015 Certificate of Obligation balance and \$154,453 Impact Fee Reserves to fund the 20% contingency.



City of Lucas City Council Agenda Request February 2, 2017

Recommendation:

Public Works Director/City Engineer Stanton Foerster recommends citing the funding of the contingency as noted.

Motion:

I make a motion to amend the FY 16-17 budget for the 20% contingency in the amount of \$311,956 for the Blondy Jhune Road Bridge Replacement Project to account 21-8210-491-121, \$154,453 from Impact Fee Reserves funds, and \$139,503 from remaining Certificates of Obligation Funding.



INVOICE SUMMARY SHEET For

Blondy Jhune Road Project - East Bridge

1903 Central Drive, Suite 405 Bedford, Texas 76021 Tel (817) 618-3640

Attn: Stanton Foerster, P.E.

Invoice No: O1210 Client: City of Lucas, Texas

Invoice Period: 665 Country Club Road

11/30/2016 Lucas, Texas 75002-7651

FM No.(s)

Date Invoice Prepared:

Term: Due upon receipt Contract Amount: \$ 18,000.00

Lakes Engineering, Inc. Project No.: 16-114

City of Lucas, Texas Project No.: Blondy Jhune Road Project - East Bridge

Task	Task Fee		% of Task Complete	Total Earned to Date				Pre	Less eviously Billed	mount Due his Invoice
Analysis, Design and Plans	\$	18,000.00	100.00%	\$	18,000.00	\$	-	\$ 18,000.00		
Plan Review Services	TBD		0.00%	\$	-	\$	-	\$ -		
Total of Services	\$	18,000.00	100.00%	\$ Total	18,000.00 Amount	Amo	- unt Past Due This Invoice	\$ 18,000.00		

SEND PAYMENT TO:

Lakes Engineering, Inc. 1903 Central Drive, Suite 405 Bedford, Texas 76021

Authorized By:

Christopher Meszler, P.E.

Project Manager

Contractor's Modification Request - Proposal

Project Name	C.M.R Proposal No. Date
City of Lucas	1 20 2017
Blondy Jhune Bridge Replacements	1 January 20, 2017
Response Required By	Transmitted By
Stanton Forester, P.E.	Seth Rowney
Director of Public Works	Division Manager
665 Country Club Road	Signature
Lucas, TX 75002	Seth Rowney

Description of Work

This change order proposal is in reference to the utility line conflicts on the East Bridge on the above referenced project.

Texas 811 located an existing utility line in the center line of two proposed shaft foundations.

Owner asked Structural to hydro vac the line to see if the line ran above or below the limestone. Structural contracted Badger Daylighting Services to come out and hydro excavate location in attempt to locate the existing utility line. After the hydro excavation to limestone, it was determined the line ran below the limestone. This assumption was confirmed when Texas 811 came out again and tracked the line along the limestone surface where Structural excavated to and showed the line running below the surface. A new plan was needed to eliminate this situation.

Structural reached out to Lakes Engineering and they in turn went directly to city and together a plan was drawn that included a foundation cap and offsetting the conflicting piers. This cost proposal includes the furnishing and installing all materials required to do this work.

Originally this project included an overhead utility pole relocation to be done by others, which was unable to be done within our time frame for project completion. This project was bid with equipment on the assumption of the utility pole being relocated. This new design by Lakes Engineering put 2 shafts right under the overhead lines and 1 shaft encroaching the line where the use of a traditional drilling rig would not work. This conflict would have occured regardless of shaft location due to the location of the lines. A new low profile drill rig is needed to do this work and the cost proposal to have S&W Foundations to come out and drill these 3 shafts a total of 48 VF are included in the cost proposal.

Also included in this proposal is crediting Owner with 48 VF of 36" diameter drilled shafts from the original bid.

In summary, this cost proposal includes crediting the original 48 VF, costs for drilling 48 VF using different drilling rig, Labor and equipment costs during the design change process, hydro excavation of locating underground utility, and additional concrete, rebar, equipment, and man power to install the 2 each foundation caps per Lakes Engineering design.

Breakdown of Proposal

Blondy Jhune Bridge Replacements

Item	Description Units Quantity Unit Price		Cost		
416.6004	Drilled 36" Diameter Shaft	-48	LF	\$ 155.00	(\$7,440.00)
New	Cost for Revised Piers Involving Utility Line Conflicts Underground and Overhead	1 LS \$ 79,995.00			\$79,995.00
		N	Vet Change:	\$72,555.00	
				ional Time	14 days

City of Lucas

2015 Certificate of Obligation (CO) Funding (Blondy Jhune Bridge Project)

SUMMARY:

Total Revenue from CO		\$ 2,010,684
Less:	FY 15-16 Expenditures	\$ (432,686)
	FY 16-17 Expenditures*	\$ (264,260)
	Encumbered Balances	\$ (1,174,235)
Remaining CO Funding Available		\$ 139,503

 $^{\ ^*}$ FY 16-17 Expenditures include \$18,000 Lakes Engineering Contingency Item funded by 2015 Certificate of Obligation

DETAIL:			
Revenue from CO:			
2015 Certificate of Obligation Funding	\$	2,000,000	
2015 Certificate of Obligation Interest	\$	10,684	
Total Revenue from CO	\$	2,010,684	
FY 15-16 Expenditures:			
Snider Floodway Crossing Study	\$	(46,500)	
Stinson Floodway Crossing Study	\$ \$ \$ \$	(20,550)	
Blondy Jhune Bridges Redesign	\$	(63,100)	
Winningkoff Reverse Curve Design	\$	(81,254)	
Blondy Jhune Bridge Design	\$	(65,198)	
Blondy Jhune Bridge Construction	\$	(156,084)	
Total FY 15-16 Expenditures	\$	(432,686)	
FY 16-17 Expenditures:			
Blondy Jhune Bridge Testing Materials	\$	(3,036)	
Misc. Tree cleanup		(792)	
Winningkoff Reverse Curve Design	\$	(2,355)	
Blondy Jhune Bridge Construction	\$ \$ \$	(240,077)	
Lakes Engineering Design Solution Utility Conflict *	Ś	(18,000)	
Total FY 16-17 Expenditures	\$	(264,260)	
Outstanding Encumbered Balances (FY 16-17):			
Blondy Jhune Bridge Testing Materials	\$	(10,614)	
Blondy Jhune Bridge Construction	\$	(1,163,621)	
Total Encumbered Balances	\$	(1,174,235)	
Continency:			
Original Construction Contract Amount	\$	1,559,782	
Times 20 percent	Ą	20%	
20 Percent Contingency	\$	311,956	
20 reitent contingency	<u> </u>	311,550	
Funds needed for Contingency:			
20 Percent Contingency	\$	311,956	
Minus previously expensed Lakes Engineering	\$	(18,000)	
Total Contingency Funding	\$	293,956	
	===		
Notes:			
Structural Assurance Change Order for Utility Line			
Conflict is a total of \$72,555			

139,503

154,453 **293,956**

Recommend Funding Contingency: Remaining 2015 CO Balance

Impact Fees

Total



City of Lucas City Council Agenda Request February 2, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Discuss and finalize the Water System section of the Capital Improvement Plan.

Background Information:

The Capital Improvement Plan is a planning document for capital improvements related to City streets and drainage, water system infrastructure and facilities. The Capital Improvement Plan includes policies and procedures, streets and trails projects, and water system projects that coincide with the goals of the Comprehensive Plan to guide infrastructure needs for the City.

The Water System outlined in the Capital Improvement Plan establishes goals for the anticipation of growth in the City, and outlines processes for funding, project criteria, and project prioritization.

Staff has included a summary that outlines projects for the water system for the next five years for Council consideration and approval.

Attachments/Supporting Documentation:

1. Capital Improvement Plan Water System only (CIP)

Budget/Financial Impact:

N/A

Recommendation:

Approve as presented

Motion:

N/A

CIP Water System Project List (2016 - 2030)

CIP Water System Project List 2016 – 2020

Cit	y of Lucas Water System Capital Improvement Pla	ın Projec	ts
Th	bese numbers were estimated and generated by BW2 Engineers in Sep	tember 201	6
	FY 2016-2017		
Engineering Priority	Project	Estim	ated Cost
1A	Parker Road 12-Inch Phase 1-1 (from Stinson Road to Enchanted Way)This project is need to improve infrastructure and to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road. Funding Source: 21-8210-490-120 Begin in 2016 Complete in 2017	\$	150,000
2A	Parker Rd 8-Inch Phase 2 (from Shepherds Creek Drive to Santa Fe Trail)This project is need to improve infrastructure and to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road. Funding Source: 21-8210-490-122 Begin in 2016 Complete in 2017	\$	36,004
3A	Wiltshire Court to the North Pump Station 8-Inch Connection This will allow the ground storage at the North Pump Station to be filled by the upper pressure plane and eliminate water service to seven homes. Funding Source: 21-8210-490-123 Begin in 2016 Complete in 2017	\$	21,000
4A	New 500,000 Gallon Water Tower at the North Pump Station or behind City Hall This will allow for the elimination of the lower pressure plane. Funding Source: TBD Begin in 2016 Complete in 2018	\$	201,000
4.1	East Winningkoff Water Tower Altitude Value (\$97,708) and New East Winningkoff Pump Station with two 500 GPM Pumps (\$217,498) These projects will be needed if the new water towner in Priority 4 above is not built. This is a substitute for converting the system from two pressure planes to one plane. This is temporary in nature. The new water tower will eventually be needed. Funding Source: TBD Begin in 2016 Complete in 2018		

19	25 Dead End Waterline Automatic Flushing Valves (AFVs) The location of these AFVs will installed where looping of the waterlines is not practical. Funding Source: 21-8210-490-123 Begin in 2016 Complete in 2016	\$	100,000
FY 2016-2017	Subtotal	\$	508,004
	FY 2017-2018		
Engineering Priority	Project	Estim	ated Cost
1B	Parker Road 12-Inch Phase 1-1 (from Stinson Road to Enchanted Way) This project is need to improve infrastructure and to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road. Funding Source: TBD Begin in 2016 Complete in 2017	\$	142,037
2B	Parker Rd 8-Inch Phase 2 (from Shepherds Creek Drive to Santa Fe Trail) This project is need to improve infrastructure and to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road. Funding Source: TBD Begin in 2016 Complete in 2017	\$	290,000
3B	Wiltshire Court to the North Pump Station 8-Inch Connection This will allow the ground storage at the North Pump Station to be filled by the upper pressure plane. Funding Source: TBD Begin in 2016 Complete in 2017	\$	77,237
4B	New 500,000 Gallon Water Tower at the North Pump Station or behind City Hall This will allow for the elimination of the lower pressure plane. Funding Source: TBD Begin in 2016 Complete in 2018	\$	1,295,880
20A	400 Residential Pressure Reducing Valves (PRVs) These PRVs are needed when the lower pressure plane is eliminated. Funding Source: TBD Begin in 2017 Complete in 2020	\$	80,000

21A	Advanced Metering Infrastructure (AMI) System with New Water Meters Funding Source: TBD Begin in 2017 Complete in 2020	\$	400,000
FY 2017-2018	Subtotal	\$	2,285,154
	FY 2018-2019		
Engineering Priority	Project	Estin	nated Cost
5	Restore aging, existing pumps at the North Pump Station Funding Source: TBD Begin in 2018 Complete in 2019	\$	153,821
6	Parker Road Four-Inch Temporary Phase 3T (from Santa Fe Trail to Stinson Road) This project is need to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road between Santa Fe Trail and Stinson Road. The four-inch line will provide temporary, minimal service to 3R Properties, Waxler, McCreery, and Craft properties. When the properties along Parker Road develop, the four-inch line would be replaced by the developer with a 12-inch line. Funding Source: TBD Begin in 2018 Complete in 2019	\$	132,919
7	Add new pump house at the North Pump Station with three 500 GPM pumps This will provide redundancy to move water from the ground storage tanks to the new water tower in Priority 4. Funding Source: TBD Begin in 2018 Complete in 2019	\$	432,575
8	From Rollingwood Circle to Choice Lane to Lakeview Drive Six-Inch Waterline This project will eliminate dead end water service to 97 homes. Funding Source: TBD Begin in 2018 Complete in 2019	\$	435,165
9	Part 1 From Edgefield Lane to W. Lucas Road Six-Inch Waterline Part 2 From Cedar Bend Trail to E. Lucas Road Six-Inch Waterline This will eliminate dead end waster service to 32 Homes. Funding Source: TBD Begin in 2018 Complete in 2019	\$	113,530

FY 2018-2019	Subtotal	\$	2,319,785
21B	Advanced Metering Infrastructure (AMI) System with New Water Meters Funding Source: TBD Begin in 2017 Complete in 2020	\$	400,000
20B	400 Residential Pressure Reducing Valves (PRVs) These PRVs are needed when the lower pressure plane is eliminated. Funding Source: TBD Begin in 2017 Complete in 2020	\$	80,000
10	Part 1 From Country Club Road to Graham Lane to Rock Ridge Court to Rock Ridge Road Eight-Inch and Six-Inch Waterline Part 2 From Glenbrook Circle to Country Club Road Six-Inch Waterline This will eliminate dead end service to 30 homes. Funding Source: TBD Begin in 2018 Complete in 2019	\$	571,775

FY 2019-2020			
Engineering Priority	Project	Estimat	ted Cost
11	Snider Lane Eight-Inch (from Shady Lane to Sterling Brown Lane) This project is need as part of the Lakeview Downs subdivision, add fire hydrants, and will improve water quality on the east side of Lucas. Funding Source: TBD Begin in 2019 Complete in 2020	\$	594,549
12	Glencove Circle and Crestview Circle Six-Inch Extensions to Brockdale Park Road 8-Inch This will eliminate dead end service to 15 homes and add fire hydrants to the area. Funding Source: TBD Begin in 2019 Complete in 2020	\$	224,255
13	From Stinson Road to Hickory Hill Street to Brookhaven Drive Eight-Inch Waterline This will eliminate an undersized dead end line and add fire hydrants to 12 homes. Funding Source: TBD Begin in 2019 Complete in 2020	\$	226,383
14	Manor Lane Eight-Inch Waterline This will eliminate a undersized four-inch line, add fire hydrants, and improve the water looping between Estelle Lane and Winningkoff Road. Funding Source: TBD Begin in 2019 Complete in 2020	\$	313,951
15	From Estates Parkway to Rock Ridge Road to Fairbrook Circle Eight-Inch and 12-Inch Waterline This will eliminate an existing six-inch waterline and bring Fairbrook Circle into the Lucas Waterworks. Funding Source: TBD Begin in 2019 Complete in 2020	\$	491,953
16	Repaint 200,000 Gallon McGarity Ground Storage Tank Funding Source: TBD Begin in 2019 Complete in 2020	\$	150,150
17	From Enchanted Way to Brookhaven Drive Eight-Inch Waterline This eliminates the dead-end water services to 23 homes. Funding Source: TBD Begin in 2019 Complete in 2020	\$	203,262

18	From Rock Ridge Road to Lovejoy High School Eight-Inch Waterline This project improves the looping on the west side of the city and eliminate the dead-end line at the high school. Funding Source: TBD Begin in 2019 Complete in 2020	\$ 56,773
20C	1,200 Residential Pressure Reducing Valves (PRVs) These PRVs are needed when the lower pressure plane is eliminated. Funding Source: TBD Begin in 2017 Complete in 2020	\$ 80,000
21C	Advanced Metering Infrastructure (AMI) System with New Water Meters Funding Source: TBD Begin in 2017 Complete in 2020	\$ 400,000
FY 2019-2020	Subtotal	\$ 2,261,276
FY 2016-2020	Total	\$ 7,374,219

202	1 to 2025	
22	950,000 Gallon McGarity Ground Storage Tank	\$ 1,279,093
23	Shiloh Dr/Toole Dr 6-Inch and Braehurn 8-Inch (Dead End Fix)	\$ 190,546
24	Parker Rd 12-Inch Phase 3 from Santa Fe Trl to Stinson Rd	\$ 353,184
25	Fairbrook Cr 8-Inch (Dead End Fix)	\$ 256,453
26	Lewis Ln/Shepherds Creek Dr/Green Acres Ln 8-Inch	\$ 300,113
27	Angel Pkwy/McGarity Ln/Estates Pkwy 8-Inch and 12-Inch	\$ 425,539
28	Ingram Ln/McGarity Ln/W Lucas Rd 6-Inch and 12-Inch	\$ 836,217
29	Estates Rd 8-Inch	\$ 232,014
30	Chisholm Trl/Caman Park Dr and Turnberry Ln/Highland Dr 8-Inch (Dead End Fixes)	\$ 322,203
31	Stinson Rd/Enchanted Wy 8-Inch	\$ 142,278
32	Stinson Rd/E Lucas Rd 8-Inch	\$ 147,827
33	Rock Creek Estates 6-Inch	\$ 175,610
34	Stinson Rd 12-Inch Connector	\$ 39,189
35	Repaint 750,000 Gallon N Pump Station Ground Storage Tank	\$ 409,303
36	Repaint 350,000 Gallon McGarity Ground Storage Tank	\$ 228,690
37	Parker Rd 12-Inch Phase 1-2, Parker Rd to Brookhaven Dr 8-Inch	\$ 835,239
38	25 Dead End Waterline Automatic Flushing Valves (AFVs)	\$ 100,000
39	300 Residential Pressure Reducing Valves (PRVs)	\$ 60,000

40	Advanced Metering Infrastructure (AMI) System with New Water	\$ 327,725
	Meters	
	2021 to 2025 Total	\$ 6,661,223
202	6 to 2030	
41	500,000 Gallon McGarity Water Tower	\$ 1,372,140
42	Rock Ridge Rd 12-Inch from Fairbrook Cr to Exchange Pkwy	\$ 224,712
43	Lakeview Downs and Trinity Park 6-Inch 8-Inch Loop	\$ 1,135,688
44	Forest Grove Rd/Horseman Dr/Orr Rd 6-Inch and 8-Inch	\$ 867,422
45	Orr Rd (North) 8-Inch	\$ 426,327
46	PR 5252 6-Inch	\$ 93,486
47	Repaint 500,000 Gallon N Pump Station Ground Storage Tank	\$ 297,124
48	200 Residential Pressure Reducing Valves (PRVs)	\$ 40,000
49	Advanced Metering Infrastructure (AMI) System with New Water Meters	\$ 253,925
	2026 to 2030 Total	\$ 4,710,824
	2016 to 2030 Grand Total	\$ 18,746,266

PARKER ROAD PHASE 1 - 12 INCH WATER LINE REPLACEMENT

PROJECT SUMMARY

Fiscal Year	Engineering	Category	Project
	Priority No.		
2016-2017	1 A and B	Water	12 inch water line replacement

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$292,037	21-8210-490-120

PROJECT DESCRIPTION

This project is need to improve infrastructure and to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2017

PROJECT DETAILS:

Description	Est.	Unit Cost	Cost
	Quantity		
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	\$24,135.25	\$24,135
Engineering/Surveying Services (10%)	1	\$26,548.78	\$26,549
	Total:		\$292,037

LEWIS LANE/PARKER ROAD 8 INCH REPLACEMENT WATER LINE

PROJECT SUMMARY

Fiscal Year	Engineering	Category	Project
	Priority No.		
2016-2017	2 A and B	Water	Lewis Lane/Parker Road 8 inch replacement water
			line

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$326,004	21-8210-490-122

PROJECT DESCRIPTION

This project is need to improve infrastructure and to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2017

PROJECT DETAILS:

Description	Est.	Unit Cost	Cost
-	Quantity		
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
Seeding	5,500	\$1.25	\$6,875
Construction Contingency (10%)	1	\$26,942.50	\$26,943
Engineering/Surveying Services (10%)	1	\$29,636.75	\$29,637
	Total:	•	\$326,004

WILTSHIRE COURT 8 INCH WATER LINE CONNECTION

PROJECT SUMMARY

Fiscal Year	Engineering	Category	Project
	Priority No.		
2016-2017	3 A and B	Water	Wiltshire Court 8 inch water line connection

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$98,237	21-8210-490-123

PROJECT DESCRIPTION

This will allow the ground storage at the North Pump Station to be filled by the upper pressure plane and eliminate water service to seven homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2017

Description	Est.	Unit Cost	Cost
•	Quantity		
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
Seeding	1,500	\$1.25	\$1,875
Construction Contingency (10%)	1	\$8,118.75	\$8,119
Engineering/Surveying Services (10%)	1	\$8,930.63	\$8,931
	Total:		\$98,237

500,000 GALLON ELEVATED STORAGE TANK AT NORTH PUMP STATION

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2016-2018	4 A and B	Water	500,000 gallon elevated storage tank at North Pump Station

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,496,880	TBD

PROJECT DESCRIPTIONThis will allow for the elimination of the lower pressure plane.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2018

Description	Est. Quantity	Unit Cost	Cost
	Quarter		
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
Seeding	4,000	\$1.25	\$5,000
Construction Contingency (10%)	1	\$126,000.00	\$126,000
Engineering/Surveying/Geotechnical Services (8%)	1	\$110,880.00	\$110,880
	Total:	•	\$1,496,880

ALTITUDE VALVE AT WINNINGKOFF TANK PUMP STATION WITH TWO 500 GPM PUMPS AT WINNINGKOFF TANK

PROJECT SUMMARY

Fiscal	Engineering	Category	Project
Year	Priority No.		
2016- 2018	4.1	Water	 Altitude Valve at Winningkoff Tank Pump Station with two 500 GPM Pumps at Winningkoff Tank

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$315,206	TBD

PROJECT DESCRIPTION

These projects will be needed if the new water tower in Priority 4 above is not built. This is a substitute for converting the system from two pressure planes to one plane. This is temporary in nature. The new water tower will eventually be needed.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2018

Altitude Val	ve at Winningkoff	Гапк	
Mobilization, Bonds, Insurance	1	\$4,500.00	\$4,500
Furnish & install Altitude Valve	1	\$10,000.00	\$10,000
Furnish & install Valve Vault	1	\$40,000.00	\$40,000
Furnish & install Sump Pump	1	\$4,000.00	\$4,000
Furnish & install Electrical	1	\$15,000.00	\$15,000
Furnish & install By Pass Piping/Valving	1	\$6,000.00	\$6,000
Seeding	1,000	\$1.25	\$1,250
Construction Contingency (10%)	1	\$8,075.00	\$8,075
Engineering/Surveying Services (10%)	1	\$8,882.50	\$8,883
	Subtotal:		\$97,708
Pump Station with two 500 G	PM Pumps at Wins	ningkoff Tank	
Mobilization, Bonds, Insurance	1	\$8,500.00	\$8,500
Furnish & install 500 GPM Pumps	2	\$20,000.00	\$40,000
Furnish & install Pump Vault	1	\$50,000.00	\$50,000
Furnish & install Pipes and Valves	1	\$10,000.00	\$10,000
Furnish & install Electrical	1	\$70,000.00	\$70,000
Seeding	1,000	\$1.25	\$1,250
Construction Contingency (10%)	1	\$17,975.00	\$17,975
Engineering/Surveying Services (10%)	1	\$19,772.50	\$19,773
	Subtotal:	1	\$217,498
	Total:		\$315,206

RESTORE AGING EXISTING PUMPS AT NORTH PUMP STATION

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	5	Water	Restore aging existing pumps at North Pump Station

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$153,821	TBD

PROJECT DESCRIPTION

Restore Aging Existing Pumps at North Pump Station

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description	Est.	Unit Cost	Cost
	Quantity		
Mobilization, Bonds, Insurance	1	\$6,500.00	\$6,500
Restore Existing Pump Station	1	\$120,000.00	\$120,000
Seeding	500	\$1.25	\$625
Construction Contingency (10%)	1	\$12,712.50	\$12,713
Engineering/Surveying Services (10%)	1	\$13,983.75	\$13,984
	Total:	•	\$153,821

PARKER ROAD 4-INCH TEMPORARY PHASE 3T (FROM SANTA FE TRAIL TO STINSON ROAD)

PROJECT SUMMARY

Fiscal Year	Engineering	Category	Project
	Priority No.		
2018-2019	6	Water	Parker Road 4-inch temporary Phase 3T (from Santa Fe to Stinson Road)

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$132,919	TBD

PROJECT DESCRIPTION

This project is need to accommodate the TxDOT Parker Road widening which is causing Lucas to abandon an existing six-inch waterline along Parker Road between Santa Fe Trail and Stinson Road. The four-inch line will provide temporary, minimal service to 3R Properties, Waxler, McCreery, and Craft properties. When the properties along Parker Road develop, the four-inch line would be replaced by the developer with a 12-inch line.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description	Est.	Unit Cost	Cost
	Quantity		
Mobilization, Bonds, Insurance	1	\$2,000.00	\$2,000
Erosion Control	1	\$1,000.00	\$1,000
Trench Safety	500	\$1.50	\$750
Furnish & install 4" PVC	2,500	\$30.00	\$75,000
Furnish & install 4" PVC, by bore	100	\$200.00	\$20,000
Furnish & install 4" Valve	1	\$100.00	\$100
Connections to Existing Water Lines	1	\$1,000.00	\$1,000
Cut and Plug Existing Water Lines	1	\$4,000.00	\$4,000
Furnish & install Water Service Connection	4	\$1,500.00	\$6,000
Construction Contingency (10%)	1	\$10,985.00	\$10,985
Engineering/Surveying Services (10%)	1	\$12,083.50	\$12,084
	Total:	-	\$132,919

PUMP STATION WITH THREE 500 GPM PUMPS AT NORTH PUMP STATION

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	7	Water	Pump Station with three 500 GPM pumps at North Pump Station

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$432,575	TBD

PROJECT DESCRIPTION

This will provide redundancy to move water from the ground storage tanks to the new water tower in Priority 4.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description	Est.	Unit Cost	Cost
	Quantity		
Mobilization, Bonds, Insurance	1	\$17,000.00	\$17,000
Erosion Control	1	\$3,000.00	\$3,000
Furnish & install 500 GPM 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
Seeding	2,000	\$1.25	\$2,500
Construction Contingency (10%)	1	\$35,750.00	\$35,750
Engineering/Surveying/Geotechnical Services (10%)	1	\$39,325.00	\$39,325
	Total:		\$432,575

SIX INCH WATER LINE FROM ROLLINGWOOD CIRCLE TO CHOICE LANE TO LAKEVIEW DRIVE

Fiscal Year	Engineering	Category	Project
	Priority No.		
2018-2019	8	Water	Six-inch waterline from Rollingwood Circle to Choice
			Lane to Lakeview Drive

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$432,165	TBD

PROJECT DESCRIPTION

This project will eliminate dead end water service to 97 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description	Est.	Unit Cost	Cost
Beschphon	Quantity	Cint Gost	3031
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

EDGEFIELD LANE/W. LUCAS ROAD 6 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	9	Water	Edgefield Lane/W. Lucas Road 6 inch water line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$113,530	TBD

PROJECT DESCRIPTION

This will eliminate dead end waster service to 32 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description	Est. Quantity	Unit Cost	Cost
Edgefield Ln./West Lucas Road 6" Water Line 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
Cedar Bend/East Lucas Road 6" Water Line 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 Ber Subtotal:	nd Trail	\$28,096
	Project Su	ıbtotal:	\$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

GRAHAM LANE/ROCK RIDGE COURT 6 INCH/8 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering	Category	Project
	Priority No.		
2018-2019	10	Water	Graham Lane/Rock Ridge Court 6 inch/8 inch water
			line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$571,775	TBD

PROJECT DESCRIPTION

This will eliminate dead end service to 30 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description	Est.	Unit Cost	Cost
MIT DIT	Quantity	#22 5 00 00	# 22 5 00
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
Seeding	3,625	\$1.25	\$4,531
Construction Contingency (10%)	1	\$47,254.13	\$47,254
Engineering/Surveying Services (10%)	1	\$51,979.54	\$51,980
	Total:	•	\$571,775

SNIDER LANE 8 INCH REPLACEMENT WATER LINE

PROJECT SUMMARY

j					
Fiscal Year	Engineering	Category	Project		
	Priority No.				
2019-2020	11	Water	Snider Lane 8 inch replacement water line		

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$594,549	TBD

PROJECT DESCRIPTION

This project is need as part 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
2019	2020

Description	Est.	Unit Cost	Cost
	Quantity		
		****	700 700
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	\$49,136.25	\$49,136
Engineering/Surveying Services (10%)	1	\$54,049.88	\$54,050
	Total:	.	\$594,549

GLENCOVE CIRCLE/CRESTVIEW CIRCLE 6 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	12	Water	Glencove Circle/Crestview Circle 6 inch water line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$224,255	TBD

PROJECT DESCRIPTIONThis will eliminate dead end service to 15 homes and add fire hydrants to the area.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

Description		Unit Cost	Cost
	Quantity		
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		\$4,000.00	\$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
Seeding	1,375	\$1.25	\$1,719
Construction Contingency (10%)	1	\$18,377.25	\$18,377
Engineering/Surveying Services (10%)	1	\$20,386.85	\$20,387
	Total:	1	\$224,255

HICKORY HILL 8 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering	Category	Project		
	Priority No.				
2019-2020	13	Water	Hickory Hill 8 inch water line loop		

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$226,383	TBD

PROJECT DESCRIPTIONThis will eliminate an undersized dead end line and add fire hydrants to 12 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

Description	Est.	Unit Cost	Cost
	Quantity		
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
Seeding	1,175	\$1.25	\$1,469
Construction Contingency (10%)	1	\$18,709.38	\$18,709
Engineering/Surveying Services (10%)	1	\$20,580.31	\$20,580
	Total:	•	\$226,383

MANOR LANE 8 INCH REPLACEMENT WATER LINE

PROJECT SUMMARY

1 110 J = 0 1	, 1, 21, 21 22 2		
Fiscal Year	Engineering	Category	Project
	Priority No.		
2019-2020	14	Water	Manor Lane 8 inch replacement water line

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$313,951	TBD

PROJECT DESCRIPTION

This will eliminate a 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

Description	Est.	Unit Cost	Cost
	Quantity		
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
Seeding	1,675	\$1.25	\$2,094
Construction Contingency (10%)	1	\$25,756.00	\$25,756
Engineering/Surveying Services (10%)	1	\$28,540.98	\$28,541
	Total:		\$313,951

ESTATES PARKWAY/ROCK RIDGE ROAD 8 INCH/12 INCH REPLACEMENT WATER LINE

PROIECT	SUMMARY
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Fiscal Year	Engineering	Category	Project
	Priority No.		
2019-2020	15	Water	Estates Parkway/Rock Ridge Road 8 inch/12 inch
			replacement water line

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$491,953	TBD

PROJECT DESCRIPTION

This eliminates the dead end water services to 23 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

Description	Est.	Unit Cost	Cost
	Quantity		
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	\$40,657.25	\$40,657
Engineering/Surveying Services (10%)	1	\$44,722.98	\$44,723
	Total:		\$491,953

REPAINT 200,000 GALLON GROUND STORAGE TANK AT MCGARITY PUMP STATION

PROIECT	SUMMARY
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Fiscal Year	Engineering	Category	Project
	Priority No.		
2019-2020	16	Water	Repaint 200,000 gallon ground storage tank at McGarity
			Pump Station

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$150,150	TBD

PROJECT DESCRIPTION

Repaint 200,000 gallon ground storage tank at McGarity Pump Station

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

Description	Est.	Unit Cost	Cost
	Quantity		
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	\$13,000.00	\$13,000
Engineering/Surveying Services (5%)	1	\$7,150.00	\$7,150
	Total:		\$150,150

ENCHANTED WAY/BROOKHAVEN DRIVE 8 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2019-2020	17	Water	Enchanted Way/Brookhaven Drive 8 inch water line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$203,262	TBD

PROJECT DESCRIPTION

This eliminates the dead end water services to 23 homes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year		
2019	2020		

Description	Est.	Unit Cost	Cost
-	Quantity		
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
Seeding	7,050	\$1.25	\$8,813
Construction Contingency (10%)	1	\$16,798.50	\$16,799
Engineering/Surveying Services (10%)	1	\$18,478.35	\$18,478
	Total:	•	\$203,262

ROCK RIDGE ROAD/LOVEJOY HIGH SCHOOL 8 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2019-2020	18	Water	Rock Ridge Road/Lovejoy High School 8 inch water line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$56,773	TBD

PROJECT DESCRIPTION

This project improves the looping on the west side of the city and eliminate the dead end line at the high school.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year		
2019	2020		

Description	Est.	Unit Cost	Cost
	Quantity		
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
Seeding	1,700	\$1.25	\$2,125
Construction Contingency (10%)	1	\$4,692.00	\$4,692
Engineering/Surveying Services (10%)	1	\$5,161.20	\$5,161
	Total:		\$56,773

DEAD END WATER LINE AUTOMATIC FLUSHING VALVES							
PROJECT S	UMMARY						
Fiscal Year	Engineering Priority No.	Category	Project				
2016-2017	19	Water	Dead end water	Dead end water line automatic flushing valves			
FISCAL OV	ERVIEW						
Estimated Co	est	Source of Fun	ding				
\$100,000		21-8210-490-	123				
The location PROJECT	SCHEDULE		vhere looping of th		•	al.	
Project Begin		Project Completion Year					
2016			2016	2016			
PROJECT	DETAILS:						
Description				Est. Quantity	Unit Cost	Cost	
Furnish and Install Automatic Flushing Valve			<u> </u>	25	\$4,000.00	\$100,000	
				Total:		\$100,000	

RESIDENTIAL PRESSURE REDUCING VALVES								
PROJECT SUMMARY								
Fiscal Year	Engineering Priority No.	Category	Project					
2017-2020	20 A, B and C	Water	Resi	Residential pressure reducing valves				
FISCAL OV	FISCAL OVERVIEW							
Estimated Co	st	Source of Fun	nding					
\$240,000		21-8210-490-	-123					
PROJECT DESCRIPTION								
These PRVs a	These PRVs are needed when the lower pressure plane is eliminated.							
PROJECT	PROJECT SCHEDULE							
Project Begin Year Project C				Project Co	Completion Year			
2017				2020				
PROJECT DETAILS:								
Description				Est. Quantity	Unit Cost	Cost		
Furnish and Install Residential Pressure Reducing Valve			ve	1,200	\$200.00		\$240,000	
				Total:			\$240,000	

	AMI S	SYSTEM W	'ITH NI	EW WA	TER ME	TERS	
PROJECT S	SUMMARY						
Fiscal Year	Engineering Priority No.	Category	Project				
2017-2020	21 A, B and C	Water	AMI	AMI System with new water meters			
FISCAL OV	ERVIEW						
Estimated Co		Source of Fu	unding				
\$1,182,430		21-8210-49	00-123				
AMI System PROJECT	with new water me	eters					
Project Begin	Year			Project Completion Year			
2017			20	2020			
PROJECT	DETAILS:						
Description					Est. Quantity	Unit Cost	Cost
Furnish and Install AMI System					1	\$1,063,505	\$1,063,505
Annual Hosting and Maintenance Costs					5	\$23,785	\$118,925
					Total:	•	\$1,182,430

TOTAL	\$7,836,648		
Notes:	1. Does not include any cost for right-of-way, easement, or property acquisition.		
	2. Does not include any costs for permitting, mitigation, or construction testing and inspection.		

Item No. 11



City of Lucas Council Agenda Request February 2, 2017

Requester: Human Resources Manager Cheryl Meehan

Agenda Item:

Consider adopting Ordinance 2017-02-00849 appointing Dana Huffman as Municipal Court Judge for the City of Lucas for a two-year term expiring on February 2, 2019.

Background Information:

The City of Lucas processes any ticketed code violations through the Lucas Municipal Court, which require the services of a presiding judge. Traffic violations are processed through the Justice of the Peace Precinct 3-1.

Judge Dana Huffman has served as the appointed Judge for the Lucas Municipal Court since 2007. The existing contract with Judge Dana Huffman has expired and a new contract has been drafted appointing Judge Huffman for a two-year term expiring February 2, 2019. The contract also allows for the option to extend the contract for one additional two-year term.

Attachments/Supporting Documentation:

1. Ordinance 2017-02-00849, appointment a Municipal Court Judge

Budget/Financial Impact:

NA

Recommendation:

City staff recommends appointing Dana Huffman as Municipal Court Judge for the City of Lucas.

Motion:

I make a motion to adopt Ordinance 2017-02-00849 appointing Dana Huffman as Municipal Court Judge for the City of Lucas for a two-year term expiring February 2, 2019.



ORDINANCE 2017-02-00849 [APPOINTMENT OF MUNICIPAL JUDGE]

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LUCAS, COLLIN COUNTY, TEXAS, APPOINTING A PRESIDING MUNICIPAL JUDGE OF THE MUNICIPAL COURT OF THE CITY OF LUCAS; PROVIDING A REPEALING CLAUSE; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council of the City of Lucas, Texas, previously appointed a Presiding Municipal Judge to the Municipal Court; and

WHEREAS, Section 5.02 of the Home Rule Charter of the City of Lucas authorizes the City Council to appoint municipal judges of the Municipal Court; and

WHEREAS, the City Council finds that the Presiding Municipal Judge of the Municipal Court should be appointed;

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

- **Section 1.** That the City Council specifically finds and determines that Dana Huffman shall be and is hereby appointed as the Presiding Municipal Judge of the Municipal Court of the City of Lucas, and to serve a term of office of two (2) years pursuant to Section 29.005 of the Texas Government Code with such term expiring on February 2, 2019.
- **Section 2.** All ordinances of the City of Lucas in conflict with the provisions of this Ordinance shall be, and same are hereby, repealed, provided, however, that all other provisions of said Ordinances are not in conflict herewith shall remain in full force and effect.
- **Section 3.** Should any word, sentence, paragraph, subdivision, clause, phrase or section of this Ordinance or of the City of Lucas Code of Ordinances, as amended hereby, be adjudged or held to be voided or unconstitutional, the same shall not affect the validity of the remaining portions of said Ordinances or the City of Lucas Code of Ordinances, as amended hereby, which shall remain in full force and effect.
- **Section 4.** This Ordinance shall take effect immediately from and after its passage and publication in accordance with the provisions of the Charter of the City of Lucas, and it is accordingly so ordained.

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF LUCAS, COLLIN COUNTY, TEXAS, ON THIS 2ND DAY OF FEBRUARY, 2017.

	APPROVED:	
	Jim Olk, Mayor	
APPROVED AS TO FORM:	ATTEST:	
Joseph J. Gorfida, Jr., City Attorney	Stacy Henderson, City Secretary	

(01-23-2017/83178)

Item No. 12



City of Lucas Council Agenda Request February 2, 2017

Requester: Human Resources Manager Cheryl Meehan

Agenda Item:

Consider authorizing the Mayor to enter into an agreement with Judge Dana Huffman for Municipal Court services for the City of Lucas and establish requirements and compensation.

Background Information:

The existing contract with Judge Dana Huffman has expired and a new contract has been drafted that will expire on February 2, 2019, with the option to extend the contract for one additional two-year term.

The City of Lucas processes any ticketed code violations through the Lucas Municipal Court, which require the services of a presiding judge. Traffic violations are processed through the Justice of the Peace Precinct 3-1.

The Municipal Court Judge will be compensated at a rate of \$500 per month when the City requests services associated with an active court docket. The judge will also be compensated at a rate of \$125 per hour with a two-hour minimum for consultation services.

Attachments/Supporting Documentation:

1. Contract services for Municipal Court Judge

Budget/Financial Impact:

NA

Recommendation:

City staff recommends approving contract services with Judge Dana Huffman for Municipal Court services for the City of Lucas.

Motion:

I make a motion to authorize the Mayor to enter into an agreement with Judge Dana Huffman for Municipal Court services for the City of Lucas that establish requirements and compensation.

STATE OF TEXAS \$
\$ AGREEMENT FOR MUNICIPAL COURT JUDGE
COUNTY OF COLLIN \$

This Agreement for Municipal Court Judge ("Agreement") is made by and between the City of Lucas, Texas ("City") and Dana Huffman ("Judge"), (individually as the "Party" or collectively as the "Parties"), acting by and through their authorized representatives.

Recitals:

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

WHEREAS, Judge desires to render services as the Presiding Judge of the Lucas Municipal Court, in accordance with the terms and conditions set forth in this Agreement;

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

Article I Term

- 1.1 The Initial Term of this Agreement shall commence on the last date of execution hereof ("Effective Date"), and shall end on February 2, 2019.
- 1.2 City shall have the option to extend the term of this Agreement for one (1) additional two (2) year term ("Renewal Term") by providing written notice thirty (30) days prior to the expiration of the Initial Term.

Article II Scope of Services

- 2.1 Judge shall preside over municipal court proceedings for and on behalf of the City as its Presiding Judge; and, to conduct services as may be required from time-to-time, including but not limited to, issuance of search arrests and/or capias warrants, and such administrative duties and responsibilities as are necessary and incidental to the office of Presiding Judge of the City's Municipal Court.
- 2.2 Judge shall maintain eligibility and the appropriate licenses as may be required under State law to serve in the capacity as the Presiding Judge of the City's Municipal Court for the Term of this Agreement.
- 2.3 Judge shall perform all services in accordance with the Code of Judicial Conduct applicable to judges of courts in the State of Texas and agrees to conduct herself in a judicial demeanor at all times in representing the City.

- 2.4 Judge is not precluded from performing such legal services in maintaining her private practice of law, and nothing construed herein shall preclude her from maintaining her private legal practice.
- 2.5 Judge hereby agrees not to knowingly undertake any legal matter that would compromise or conflict with her duties and responsibilities as the Municipal Court Judge or otherwise knowingly undertake to represent a client on a legal matter against the City.

Article III Municipal Court Docket

Judge agrees to preside over the City's Municipal Court docket once per month that has an Active Court Docket. Active Court Docket shall mean one (1) scheduled trial date per month where the Judge holds court for the purpose of pre-trials and/or trials. If additional court dates in excess of the Active Court Docket are necessary, the Judge shall be compensated as provided in Section 4.2.

Article IV Compensation and Method of Payment

- 4.1 City shall compensate Judge in the amount of Five Hundred Dollars (\$500.00) per month that has an Active Court Docket as defined in Article III.
- 4.2 City shall compensate Judge at the rate of One Hundred Twenty-Five Dollars (\$125.00) per hour for additional court duties with a 2-hour minimum payment.
- 4.3 City shall compensate the Judge for services provided pursuant to this Agreement and, as set forth in this Article, within thirty (30) days after receiving the Judge's invoice reflecting her time and billing, provided there are no errors or discrepancies.
- 4.4 The Parties agree that if the City's Municipal Court case load increases for any reason, the Parties shall review the terms of this Agreement and the Judge's compensation.

Article V Removal of Judge/Termination

- 5.1 The Parties acknowledge that the Judge can be removed for cause.
- 5.2 Furthermore, either Party may terminate this Agreement with or without cause by giving thirty (30) days prior written notice to the other party. In the event of such termination, the Judge shall be entitled to compensation for any services completed to the reasonable satisfaction of City in accordance with this Agreement prior to such termination.

Article VI Miscellaneous

- 6.1 <u>Entire Agreement</u>. This Agreement constitutes the sole and only agreement between the parties and supersedes any prior understandings written or oral agreements between the parties with respect to this subject matter.
- 6.2 <u>Assignment</u>. Judge may not assign this Agreement in whole or in part without the prior written consent of City. In the event of an assignment by the Judge to which City has consented, the assignee shall agree in writing with City to personally assume, perform, and be bound by all the covenants, and obligations contained in this Agreement.
- 6.3 <u>Successors and Assigns</u>. Subject to the provisions regarding assignment, this Agreement shall be binding on and inure to the benefit of the Parties to it and their respective heirs, executors, administrators, legal representatives, successors and assigns.
- 6.4 <u>Governing Law</u>. The laws of the State of Texas shall govern this Agreement; and venue for any action concerning this Agreement shall be in the State District Court of Collin County, Texas. The Parties agree to submit to the personal and subject matter jurisdiction of said court.
- 6.5 <u>Amendments</u>. This Agreement may be amended by the mutual written agreement of the parties.
- 6.6 <u>Severability</u>. In the event any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions, and the Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.
- 6.7 <u>Independent Contractor</u>. It is understood and agreed by and between the Parties that the Judge, in satisfying the conditions of this Agreement, is acting independently, and that City assumes no responsibility or liabilities to any third party in connection with these actions. All services to be performed by the Judge pursuant to this Agreement shall be in the capacity of an independent contractor, and not as an agent or employee of City.
- 6.8 <u>Notice</u>. Any notice required or permitted to be delivered hereunder may be sent by first class mail, overnight courier or by confirmed telefax or facsimile to the address specified below, or to such other party or address as either party may designate in writing, and shall be deemed received three (3) days after delivery set forth herein:

If intended for City: With Copy to:
Attn: City Manager Joseph J. Gorfida, Jr.

City of Lucas Nichols, Jackson, Dillard, Hager & Smith, L.L.P.

665 Country Club Road

Lucas, Texas 75002

Phone: (972) 727-8999

1800 Lincoln Plaza
500 North Akard
Dallas, Texas 75201
Phone: (214) 965-9900

If intended for Judge: Dana Huffman 1143 Rockingham, Suite 107 Richardson, Texas 75080

- 6.9 <u>Counterparts</u>. This Agreement may be executed by the Parties hereto in separate counterparts, each of which when so executed and delivered shall be an original, but all such counterparts shall together constitute one and the same instrument. Each counterpart may consist of any number of copies hereof each signed by less than all, but together signed by all of the parties hereto.
- 6.10 <u>Exhibits</u>. The exhibits attached hereto are incorporated herein and made a part hereof for all purposes.
- 6.11 <u>Audits and Records</u>. Judge agrees that during the term hereof, City and its representatives may, during normal business hours and as often as deemed necessary, inspect, audit, examine and reproduce any and all of the Judge's records relating to the services provided pursuant to this Agreement for a period of one year following the date of completion of services as determined by City or date of termination if sooner.
- 6.12 <u>Conflicts of Interests</u>. Judge represents that no official or employee of City has any direct or indirect pecuniary interest in this Agreement.

[signature page to follow]

	EXECUTED this	_ day of _		, 2017.
			City o	of Lucas, Texas
			By:	Jim Olk, Mayor
Appro	oved as to form:			
By:	Joseph J. Gorfida, Jr. (01-232017/82433)			-
	EXECUTED this	_ day of _		, 2017.
			Dana	Huffman
			By:	Dana Huffman, Judge