



AMENDED AGENDA

**City of Lucas
City Council Meeting
May 4, 2017
7:05 PM**

(or immediately following the Lucas Fire Control Prevention and EMS District meeting)

**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, May 4, 2017 at 7:05 pm or immediately following the Lucas Fire Control Prevention and EMS District meeting 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. Citizen Input (Mayor Jim Olk)

Community Interest

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

2. Community Interest. (Mayor Jim Olk, Fire Chief Ted Stephens)

- A. Presentation of the StormReady Preparedness Certification to the City of Lucas from Tom Bradshaw with the National Weather Service.

- B. Presentation of a Proclamation for Motorcycle Awareness Month to the Blacksheep Motorcycle Club.
- C. Discuss pending legislation that is being considered by the 85th Legislature and provide guidance to City Staff and City Attorney.

Consent Agenda

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

- 3. Approval of the minutes of the April 20, 2017 City Council meeting. (City Secretary Stacy Henderson)

Public Hearing

- 4. Hold a public hearing to consider the annexation of a parcel of land located in the City of Lucas, Collin County, Texas, being a part of the John Gray Survey, Abstract Number 349, being a part of the George Gunnell Survey, Abstract No. 352, being a part of the Ann S. Hurt Survey, Abstract No. 428, being a part of the James Lovelady Survey, Abstract No. 538, being a part of the Lewis P. Turner Survey, Abstract No. 901, and being all of a called 78.944 acre tract of land described in a Special Warranty Deed to Mentone Partners, LLC, as recorded in Document Number 20151028001365820, of the Deed Records of Collin County, Texas more commonly known as Stinson Highlands Phase 3. (Development Services Director Joe Hilbourn)
 - A. Presentation by Development Services Director Joe Hilbourn
 - B. Conduct Public Hearing

Regular Agenda

- 5. Consider an agreement for the provision of solid waste collection and disposal between the City of Lucas and Barnes Waste Disposal, Inc. and authorize the City Manager to execute the agreement. (City Manager Joni Clarke)
- 6. Consider and finalize the Capital Improvement Plan (CIP), appoint the Capital Improvements Advisory Committee, and appoint the required advisory committee member from the City's Extraterritorial Jurisdiction (ETJ). (Development Services Director Joe Hilbourn)
- 7. Discuss drainage solutions and flows east of Angel Parkway, south of McGarity Lane, and north of W. Lucas Road. (Development Services Director Joe Hilbourn, Public Works Director/City Engineer Stanton Foerster)
- 8. Discuss the City Council May meeting schedule, including holding the May 18, 2017 City Council meeting, and determine who will conduct the meeting in the absence of the Mayor and Mayor Pro Tem. (Mayor Olk)
- 9. Consider setting a date for the City Council Strategic Planning Session. (Mayor Jim Olk)
- 10. Update by City Manager Joni Clarke regarding the Scenic City Certification Program and provide guidance to staff regarding the City of Lucas participating in the program. (Councilmember Debbie Fisher)

11. Discuss the installation and removal of traffic control devices within the City of Lucas. (Councilmember Debbie Fisher)
12. Update by Development Services Director Joe Hilbourn regarding the water meter replacement program and provide guidance to staff. (City Manager Joni Clarke)
13. Discuss and consider the capital projects associated with the City's water system and roadway improvements discussed at the March 2, 2017 City Council meeting and associated funding strategies. (Councilmember Debbie Fisher)

Executive Session

14. The City Council may enter into Executive Session as permitted under the Texas Government Code, Section 551.072 to deliberate the purchase, exchange, lease or value of real property within the City of Lucas. (Mayor Jim Olk)
15. Reconvene into open session and take any action necessary as a result of the Executive Session. (Mayor Jim Olk)
16. 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 3:00 p.m. on May 1, 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 May 4, 2017

Item No. 01

Requester: Mayor Jim Olk

Agenda Item:

Citizens' Input

Background Information:

NA

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas Council Agenda Request May 4, 2017

Item No. 02

Requester: Mayor Jim Olk, City Manager Joni Clarke, Fire Chief Ted Stephens

Agenda Item:

Items of Community Interest:

- 2a. Presentation of the StormReady Preparedness Certification to the City of Lucas from Tom Bradshaw with the National Weather Service.
- 2b. Presentation of Proclamation for Motorcycle Awareness Month to the Blacksheep Motorcycle Club.
- 2b. Discuss pending legislation that is being considered by the 85th Legislature and provide guidance to City Staff and City Attorney.

Background Information:

NA

Attachments/Supporting Documentation:

1. Proclamation to Blacksheep Motorcycle Club

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



Proclamation

Motorcycle Safety and Awareness Month

WHEREAS, we are finding more and more citizens involved in motorcycling on the roadways of our country; and

WHEREAS, motorcyclists are roughly unprotected and therefore more prone to injury or death in a crash than other vehicle drivers; and

WHEREAS, campaigns have helped inform riders and motorists alike on motorcycle safety issues to reduce motorcycle related risks, injuries, and, most of all, fatalities, though a comprehensive approach to motorcycle safety; and

WHEREAS, it is the responsibility of all who put themselves behind the wheel, to become aware of motorcyclists, regarding them with the same respect as any other vehicle traveling the highways; and it is the responsibility of riders and motorists alike to obey all traffic laws and safety rules; and

WHEREAS, we urge all citizens of our community to become aware of the inherent danger involved in operating a motorcycle, and for riders and motorists alike to give each other the mutual respect they deserve;

NOW, THEREFORE I, Jim Olk, Mayor of the City of Lucas do hereby proclaim the month of May 2017 as Motorcycle Safety and Awareness Month in the City of Lucas, and I urge all residents to do their part to increase safety and awareness in our community.

PROCLAIMED, this 4th day of May 2017.

Jim Olk, Mayor

Stacy Henderson, City Secretary



City of Lucas Council Agenda Request May 4, 2017

Item No. 03

Requester: City Secretary Stacy Henderson

Consent Agenda Items:

3. Approval of the minutes of the April 20, 2017 City Council meeting.

Background Information:

NA

Attachments/Supporting Documentation:

1. Minutes of the April 20, 2017 City Council meeting

Budget/Financial Impact:

NA

Recommendation:

City Staff recommends approval of the Consent Agenda.

Motion:

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



**City of Lucas
City Council Meeting
April 20, 2017
6:35 P.M.**

(or immediately following the Lucas Fire Control Prevention and EMS District Meeting)
City Hall - 665 Country Club Road – Lucas Texas

Minutes

Call to Order

Mayor Olk called the meeting to order at 6:49 p.m.

City Councilmembers Present:

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

Staff Present:

City Manager Joni Clarke
City Secretary Stacy Henderson
Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster
Finance Director Liz Exum
Fire Chief Ted Stephens
Assistant Fire Chief/Emergency Management Coordinator
Lance Gant

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.

A. Presentation of Proclamation to Frank and Dorma Prokop honoring their 50th Wedding Anniversary.

Mayor Olk presented the Proclamation to Frank and Dorma Prokop.

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

Councilmember Fisher asked that the City Attorney give an update at an upcoming meeting regarding franchise fees and the use of City right-of-way.

Councilmember Millsap noted that HB 15 should be watched as it could have an impact on the City's tax rate for next year.

Mayor Olk asked that an item be placed on the May 4, 2017 City Council agenda regarding setting a date to hold a strategic planning session before the July 20, 2017 budget workshop.

Consent Agenda

3. Approval of the minutes of the April 6, 2017 City Council meeting.

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

Regular Agenda

4. Consider calling a special City Council meeting for the purpose of canvassing the May 6, 2017 election results.

MOTION: A motion was made by Mayor Olk, seconded by Councilmember Duke to call a special meeting for May 12, 2017 at 8:00 am to canvass the May 6, 2017 election results.

5. Discuss the Capex Consulting Group Water and Wastewater Rate Study and Five Year Financial Plan and consider the methodology used to establish the proposed water and wastewater rates.

Jeff Snowden with Capex Consulting Group gave a presentation discussing the City's current and proposed debt obligation, customer account growth and anticipated growth, and the City's operating revenue, expense and proforma cash flow under existing rates. Mr. Snowden also compared the City's rate to surrounding cities and explained that the purpose of the study was to implement a rate plan that would enable the water fund to meet operating and capital expenditure requirements for a five-year period beginning in fiscal year 2017-2018.

The City Council discussed how Lucas compared to surrounding cities on their rates, the cost impact to the resident of proposed increased water rates, and the rate for out of city customers. The City Council also discussed consumption amounts versus usage, and the current below average rate being charged to commercial customers as compared to other cities.

The City Council directed staff to proceed with an increase to the residential water rate structure by five percent (5%) and increasing the commercial water and wastewater rate by ten percent (10%). The City Council also directed staff to maintain the current rate structure of 1.5 for minimum usage for out of City customers.

6. Consider adopting Ordinance 2017-04-00852 of the City Council of the City of Lucas, Texas, approving the Mid-Year Budget Adjustments for fiscal year beginning October 1, 2016 and ending September 30, 2017.

Finance Director Liz Exum briefed the Council on mid-year budget revenue and building permit trends, property tax and sales tax collection, expenditures to the water fund, available funds in reserve, and expenditure adjustments to the General Fund and proposed mid-year budget requests.

MOTION: A motion was made by Councilmember Fisher, seconded by Councilmember Lawrence to adopt Ordinance 2017-04-00852 amending the budget for fiscal year beginning October 1, 2016 and ending September 30, 2017 as submitted. The motion passed unanimously by a 7 to 0 vote.

Executive Session

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

7. Executive Session.

An Executive Session was not held during this meeting.

8. Adjournment.

MOTION: *A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to adjourn the meeting at 8:22 pm. The motion passed unanimously by a 7 to 0 vote.*

APPROVED:

ATTEST:

Jim Olk, Mayor

Stacy Henderson, City Secretary



City of Lucas

City Council Agenda Request

May 4, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Hold a public hearing to consider the annexation of a parcel of land located in the City of Lucas, Collin County, Texas, being a part of the John Gray Survey, Abstract Number 349, being a part of the George Gunnell Survey, Abstract No. 352, being a part of the Ann S. Hurt Survey, Abstract No. 428, being a part of the James Lovelady Survey, Abstract No. 538, being a part of the Lewis P. Turner Survey, Abstract No. 901, and being all of a called 78.944 acre tract of land described in a Special Warranty Deed to Mentone Partners, LLC, as recorded in Document Number 20151028001365820, of the Deed Records of Collin County, Texas more commonly known as Stinson Highlands Phase 3.

- A. Presentation by Development Services Director Joe Hilbourn
- B. Conduct Public Hearing

Background Information:

Stinson Highlands Phase 3 is currently not within the city limits. As part of an approved development agreement, Stinson Highlands is required to apply for annexation within ten days of approval of their final plat, which they have done. The property will eventually have two zones on it, R-1 on the southern lots and R-2 on the northern lots.

This parcel has an approved development agreement that includes a time frame for annexation. Stinson Highlands Phase 3 has supplied a voluntary annexation form as requested. This subdivision already has an approved preliminary plat, final plat and construction plans. Site development is complete. The parcel in question is continuous, meets the requirements for annexation, owners have been verified, and taxes are up to date.

Annexation requirements include holding two public hearings before any formal action can be taken. Public hearings have been scheduled for the May 4 and May 18, 2017 City Council meetings. Formal action on this item is scheduled to take place at the June 1, 2017 City Council meeting.

Attachments/Supporting Documentation:

1. Public notice
2. Legal Description
3. Depiction
4. Copy of petition for annexation
5. Location Map



City of Lucas
City Council Agenda Request
May 4, 2017

Item No. 04

Budget/Financial Impact:

An additional 45 residential homes for annual property taxes and water revenue.

Recommendation:

Staff recommends approving the annexation after two public hearings have been held.

Motion:

No vote is required at this time.



NOTICE OF PUBLIC HEARINGS FOR ANNEXATION

NOTICE IS HEREBY GIVEN, that the City Council of the City of Lucas, Texas (the "City"), will hold two public hearings regarding the petition filed by D.R. Horton Homes requesting the City annex a parcel of land located on Stinson Road thereafter described. The first public hearing will begin at 7:00 PM on May 4, 2017 and a second public hearing will be held on May 18, 2017. Both public hearings will be held at the City of Lucas City Hall located at 665 Country Club Road, Lucas, Texas. The property to be considered for annexation is located in Collin County, Texas, and described as follows:

WHEREAS, MENTONE PARTNERS, LLC, is the owner of that parcel of land located in the City of Lucas, Collin County, Texas, being a part of the John Gray Survey, Abstract Number 349, being a part of the George Gunnell Survey, Abstract No. 352, being a part of the Ann S. Hurt Survey, Abstract No. 428, being a part of the James Lovelady Survey, Abstract No. 538, being a part of the Lewis P. Turner Survey, Abstract No. 901, and being all of a called 78.944 acre tract of land described in a Special Warranty Deed to Mentone Partners, LLC, as recorded in Document Number 20151028001365820, of the Deed Records of Collin County, Texas, (D.R.C.C.T.), and being further described as follows:

BEGINNING at a one-half inch iron rod found at the southeast corner of said 78.944 acre tract of land, said point being the northeast corner of Stinson Highlands, Phase 2, an addition to the City of Lucas as recorded in Volume 2013, Page 308, Plat Records of Collin County, Texas (P.R.C.C.T.), and said point also being in the west line of Bristol Park, Phase 2, an addition to the City of Lucas as recorded in Volume 2014, Page 701, (P.R.C.C.T);

THENCE along the north line of said Stinson Highlands, Phase 2 as follows:

South 80 degrees 08 minutes 07 seconds West, 375.35 feet to a one-half inch iron rod found for corner;

Southeasterly, 38.17 feet along a curve to the left which has a central angle of 03 degrees 56 minutes 27 seconds, a radius of 555.00 feet, a tangent of 19.09 feet, and whose chord bears South 12 degrees 13 minutes 09 seconds East, 38.17 feet to a one-half inch iron rod found for corner;

South 75 degrees 58 minutes 58 seconds West, 275.42 feet to a one-half inch iron rod found for corner;

North 07 degrees 44 minutes 21 seconds West, 231.44 feet to a one-half inch iron rod found for corner;

North 87 degrees 00 minutes 23 seconds West, 541.09 feet to a one-half inch iron rod found for corner;

North 84 degrees 57 minutes 32 seconds West, 476.34 feet to a one-half inch iron rod found for corner;

Southwesterly, 58.93 feet along a curve to the left which has a central angle of 09 degrees 00 minutes 15 seconds, a radius of 375.00 feet, a tangent of 29.53 feet, and whose chord bears South 04 degrees 46 minutes 54 seconds West, 58.87 feet to a one-half inch iron rod found for corner;

South 00 degrees 16 minutes 47 seconds West, 47.30 feet to a one-half inch iron rod found for corner;

North 86 degrees 05 minutes 41 seconds West, 245.49 feet to a one-half inch iron rod found at the southwest corner of said 78.944-acre tract of land, said point being the northwest corner of said Stinson Highlands, Phase 2, said point also being in the east line of that called Tract 2 as described in deed to The Umphy Corporation as recorded in Document No.

20071231001715950, (D.R.C.C.T.);

THENCE along the west line of said 78.944 acre tract of land as follows:

North 00 degrees 17 minutes 03 seconds East, 674.26 feet to a 60d nail found at the northeast corner of said Tract 2;

North 88 degrees 01 minutes 54 seconds West, 112.82 feet along the north line of said Tract 2 to a five-eighths inch iron rod found at the southeast corner of that called 48.6223 acre tract of land described in deed to Lewis Bend Partners, Ltd. as recorded in Document No.

20061120001651500, (D.R.C.C.T.);

North 00 degrees 20 minutes 28 seconds West, 631.69 feet to a five-eighths inch iron rod found for corner;

North 00 degrees 26 minutes 51 seconds West, 505.00 feet to a five-eighths inch iron rod found for corner;

North 00 degrees 22 minutes 30 seconds West, 159.07 feet to a 60d nail found at the northwest corner of said 78.944 acre tract of land, said point being in the south line of the Estates at Austin Trail, an addition to the City of Lucas as recorded in Cabinet N, Page 709, (P.R.C.C.T);

THENCE along the north line of said 78.944 acre tract of land along the south line of said Estates at Austin Trail as follows:

South 54 degrees 00 minutes 40 seconds East, 142.11 feet to a one-half inch iron rod found for corner;

South 56 degrees 50 minutes 31 seconds East, 311.77 feet to a one-half inch iron rod found for corner;

South 62 degrees 02 minutes 10 seconds East, 94.76 feet to a one-half inch iron rod found for corner;

South 81 degrees 15 minutes 00 seconds East, 24.08 feet to a one-half inch iron rod found for corner;

North 82 degrees 08 minutes 32 seconds East, 585.06 feet to a one-half inch iron rod found for corner;

North 69 degrees 40 minutes 01 seconds East, 58.79 feet to a one-half inch iron rod found for corner;

North 64 degrees 37 minutes 43 seconds East, 115.25 feet to a one-half inch iron rod found for corner;

North 84 degrees 56 minutes 00 seconds East, 115.25 feet to a one-half inch iron rod found at the southeast corner of said Estates at Austin Trail, said point being in the west line of Belmont Park, an addition to the City of Lucas as recorded in Volume 2013, Page 85, (P.R.C.C.T);

South 03 degrees 40 minutes 21 seconds East, 6.06 feet to a five-eighths inch iron rod found at the southwest corner of said Belmont Park;

THENCE along the north line of said 78.944acre tract of land along the south line of said Belmont Park as follows:

South 55 degrees 14 minutes 42 seconds East, 147.31 feet to a one-half inch iron rod found for corner;

South 65 degrees 55 minutes 04 seconds East, 391.42 feet to a five-eighths inch iron rod found for corner;

South 81 degrees 02 minutes 21 seconds East, 194.66 feet to a five-eighths inch iron rod found at the northeast corner of said 78.944 acre tract of land, said point being in the west line o99, (P.R.C.C.T);

THENCE South 01 degrees 00 minutes 48 seconds East along the east line of said 78.944 acre tract of land, at 270.52 feet passing a five-eighths inch iron rod found at the southwest corner of said Bristol Park, Phase 1 and at the northwest corner of said Bristol Park, Phase 2, in all a total distance of 893.74 feet to a five eighths inch iron rod found for corner in the west line of said Bristol Park, Phase 2;

THENCE along the east line of said 78.944 acre tract of land and along the west line of said Bristol Park, Phase f Bristol Park, Phase 1, an addition to the City of Lucas as recorded in Volume 2014, Page 6

2 as follows:

North 87 degrees 47 minutes 13 seconds East, 4.45 feet to a five-eighths inch iron rod found for corner;

South 01 degrees 12 minutes 25 seconds East, 700.26 feet to the POINT OF BEGINNING and containing 3,438,793 square feet or 78.944 acres of land.

Those wishing to speak regarding the above item are invited to attend. If you are unable to attend and have comments you may send them to City of Lucas, Attention: City Secretary, 665 Country Club Road, Lucas Texas 75002 or by email at shenderson@lucastexas.us and it will be presented at the hearing. If you have any questions regarding the hearing please contact Joe Hilbourn at 972.912.1207.

EXHIBIT "A"

OWNER'S CERTIFICATION

Legal Description

WHEREAS, MENTONE PARTNERS, LLC, is the owner of that parcel of land located in the City of Lucas, Collin County, Texas, being a part of the John Gray Survey, Abstract Number 349, being a part of the George Gunnell Survey, Abstract No. 352, being a part of the Ann S. Hurt Survey, Abstract No. 428, being a part of the James Lovelady Survey, Abstract No. 538, being a part of the Lewis P. Turner Survey, Abstract No. 901, and being all of a called 78.944 acre tract of land described in a Special Warranty Deed to Mentone Partners, LLC, as recorded in Document Number 20151028001365820, of the Deed Records of Collin County, Texas, (D.R.C.C.T.), and being further described as follows:

BEGINNING at a one-half inch iron rod found at the southeast corner of said 78.944 acre tract of land, said point being the northeast corner of Stinson Highlands, Phase 2, an addition to the City of Lucas as recorded in Volume 2013, Page 308, Plat Records of Collin County, Texas (P.R.C.C.T.), and said point also being in the west line of Bristol Park, Phase 2, an addition to the City of Lucas as recorded in Volume 2014, Page 701, (P.R.C.C.T);

THENCE along the north line of said Stinson Highlands, Phase 2 as follows:

South 80 degrees 08 minutes 07 seconds West, 375.35 feet to a one-half inch iron rod found for corner;

Southeasterly, 38.17 feet along a curve to the left which has a central angle of 03 degrees 56 minutes 27 seconds, a radius of 555.00 feet, a tangent of 19.09 feet, and whose chord bears South 12 degrees 13 minutes 09 seconds East, 38.17 feet to a one-half inch iron rod found for corner;

South 75 degrees 58 minutes 58 seconds West, 275.42 feet to a one-half inch iron rod found for corner;

North 07 degrees 44 minutes 21 seconds West, 231.44 feet to a one-half inch iron rod found for corner;

North 87 degrees 00 minutes 23 seconds West, 541.09 feet to a one-half inch iron rod found for corner;

North 84 degrees 57 minutes 32 seconds West, 476.34 feet to a one-half inch iron rod found for corner;

Southwesterly, 58.93 feet along a curve to the left which has a central angle of 09 degrees 00 minutes 15 seconds, a radius of 375.00 feet, a tangent of 29.53 feet, and whose chord bears South 04 degrees 46 minutes 54 seconds West, 58.87 feet to a one-half inch iron rod found for corner;

South 00 degrees 16 minutes 47 seconds West, 47.30 feet to a one-half inch iron rod found for corner;

North 86 degrees 05 minutes 41 seconds West, 245.49 feet to a one-half inch iron rod found at the southwest corner of said 78.944 acre tract of land, said point being the northwest

corner of said Stinson Highlands, Phase 2, said point also being in the east line of that called Tract 2 as described in deed to The Umphy Corporation as recorded in Document No. 20071231001715950, (D.R.C.C.T.);

THENCE along the west line of said 78.944 acre tract of land as follows:

North 00 degrees 17 minutes 03 seconds East, 674.26 feet to a 60d nail found at the northeast corner of said Tract 2;

North 88 degrees 01 minutes 54 seconds West, 112.82 feet along the north line of said Tract 2 to a five-eighths inch iron rod found at the southeast corner of that called 48.6223 acre tract of land described in deed to Lewis Bend Partners, Ltd. as recorded in Document No. 20061120001651500, (D.R.C.C.T.);

North 00 degrees 20 minutes 28 seconds West, 631.69 feet to a five-eighths inch iron rod found for corner;

North 00 degrees 26 minutes 51 seconds West, 505.00 feet to a five-eighths inch iron rod found for corner;

North 00 degrees 22 minutes 30 seconds West, 159.07 feet to a 60d nail found at the northwest corner of said 78.944 acre tract of land, said point being in the south line of the Estates at Austin Trail, an addition to the City of Lucas as recorded in Cabinet N, Page 709, (P.R.C.C.T.);

THENCE along the north line of said 78.944 acre tract of land along the south line of said Estates at Austin Trail as follows:

South 54 degrees 00 minutes 40 seconds East, 142.11 feet to a one-half inch iron rod found for corner;

South 56 degrees 50 minutes 31 seconds East, 311.77 feet to a one-half inch iron rod found for corner;

South 62 degrees 02 minutes 10 seconds East, 94.76 feet to a one-half inch iron rod found for corner;

South 81 degrees 15 minutes 00 seconds East, 24.08 feet to a one-half inch iron rod found for corner;

North 82 degrees 08 minutes 32 seconds East, 585.06 feet to a one-half inch iron rod found for corner;

North 69 degrees 40 minutes 01 seconds East, 58.79 feet to a one-half inch iron rod found for corner;

North 64 degrees 37 minutes 43 seconds East, 115.25 feet to a one-half inch iron rod found for corner;

North 84 degrees 56 minutes 00 seconds East, 115.25 feet to a one-half inch iron rod found at the southeast corner of said Estates at Austin Trail, said point being in the west line of Belmont Park, an addition to the City of Lucas as recorded in Volume 2013, Page 85, (P.R.C.C.T.);

South 03 degrees 40 minutes 21 seconds East, 6.06 feet to a five-eighths inch iron rod found at the southwest corner of said Belmont Park;

THENCE along the north line of said 78.944acre tract of land along the south line of said Belmont Park as follows:

South 55 degrees 14 minutes 42 seconds East, 147.31 feet to a one-half inch iron rod found for corner;

South 65 degrees 55 minutes 04 seconds East, 391.42 feet to a five-eighths inch iron rod found for corner;

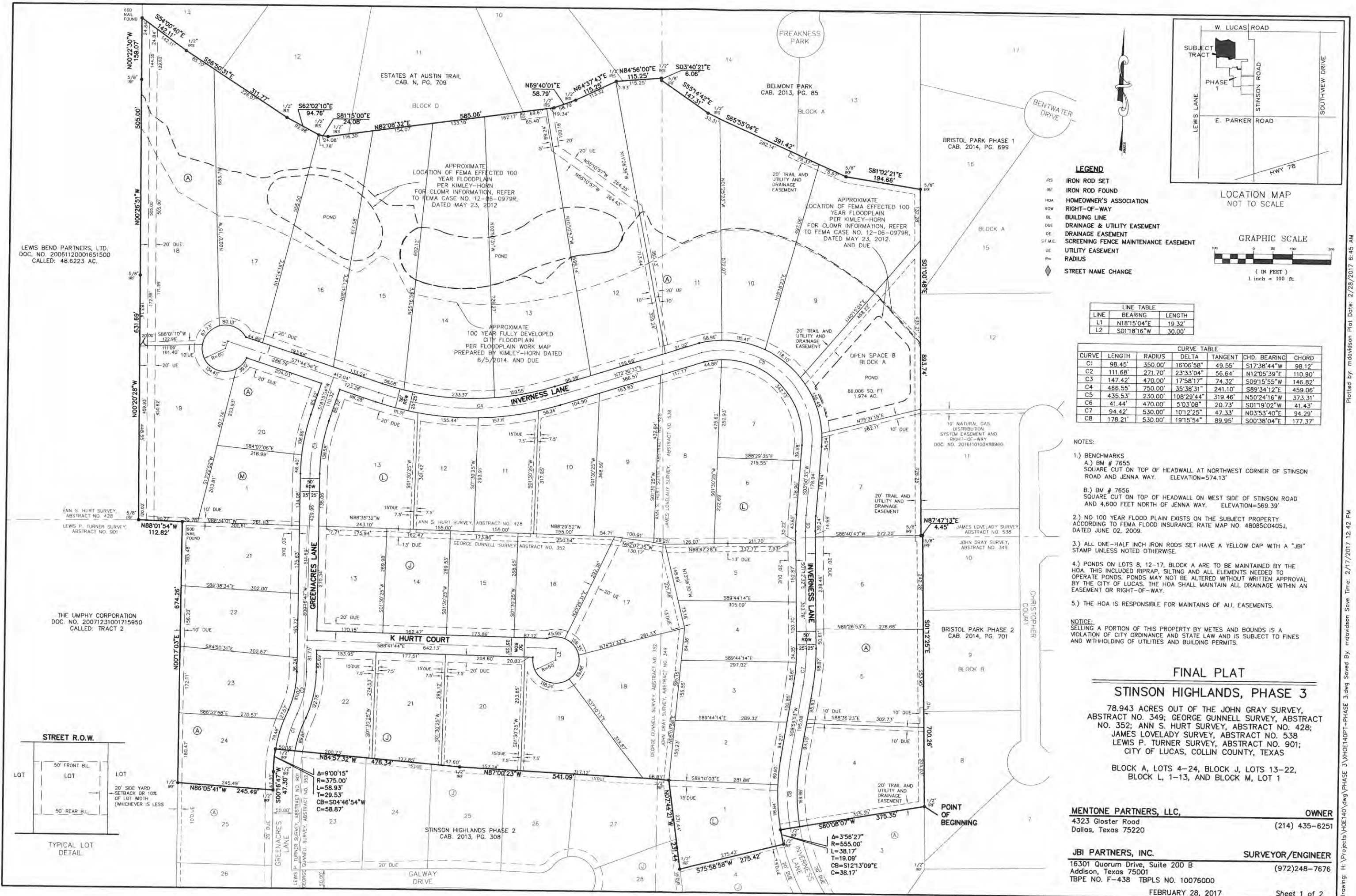
South 81 degrees 02 minutes 21 seconds East, 194.66 feet to a five-eighths inch iron rod found at the northeast corner of said 78.944 acre tract of land, said point being in the west line of Bristol Park, Phase 1, an addition to the City of Lucas as recorded in Volume 2014, Page 699, (P.R.C.C.T);

THENCE South 01 degrees 00 minutes 48 seconds East along the east line of said 78.944 acre tract of land, at 270.52 feet passing a five-eighths inch iron rod found at the southwest corner of said Bristol Park, Phase 1 and at the northwest corner of said Bristol Park, Phase 2, in all a total distance of 893.74 feet to a five eighths inch iron rod found for corner in the west line of said Bristol Park, Phase 2;

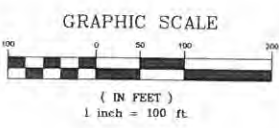
THENCE along the east line of said 78.944 acre tract of land and along the west line of said Bristol Park, Phase 2 as follows:

North 87 degrees 47 minutes 13 seconds East, 4.45 feet to a five-eighths inch iron rod found for corner;

South 01 degrees 12 minutes 25 seconds East, 700.26 feet to the POINT OF BEGINNING and containing 3,438,793 square feet or 78.944 acres of land.



LOCATION MAP
NOT TO SCALE



LEGEND

- IRF IRON ROD SET
- IRF IRON ROD FOUND
- HOA HOMEOWNER'S ASSOCIATION
- ROW RIGHT-OF-WAY
- BL BUILDING LINE
- DE DRAINAGE & UTILITY EASEMENT
- DE DRAINAGE EASEMENT
- SEF.M.E. SCREENING FENCE MAINTENANCE EASEMENT
- UE UTILITY EASEMENT
- R RADIUS
- ◆ STREET NAME CHANGE

LINE TABLE

LINE	BEARING	LENGTH
L1	N18°15'04"E	19.32'
L2	S01°18'16"W	30.00'

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHD. BEARING	CHORD
C1	98.45'	350.00'	16°06'58"	49.55'	S17°38'44"W	98.12'
C2	111.68'	271.70'	23°33'04"	56.64'	N12°05'39"E	110.90'
C3	147.42'	470.00'	17°58'17"	74.32'	S09°15'55"W	146.82'
C4	466.55'	750.00'	35°38'31"	241.10'	S89°34'12"E	459.06'
C5	435.53'	230.00'	108°29'44"	319.46'	N50°24'16"W	373.31'
C6	41.44'	470.00'	5°03'08"	20.73'	S01°19'02"W	41.43'
C7	94.42'	530.00'	10°12'25"	47.33'	N03°53'40"E	94.29'
C8	178.21'	530.00'	19°15'54"	89.95'	S00°38'04"E	177.37'

- NOTES:**
- BENCHMARKS
 A.) BM # 7655
 SQUARE CUT ON TOP OF HEADWALL AT NORTHWEST CORNER OF STINSON ROAD AND JENNA WAY. ELEVATION=574.13'
 B.) BM # 7656
 SQUARE CUT ON TOP OF HEADWALL ON WEST SIDE OF STINSON ROAD AND 4,600 FEET NORTH OF JENNA WAY. ELEVATION=569.39'
 - NO 100 YEAR FLOOD PLAIN EXISTS ON THE SUBJECT PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP NO. 48085C0405J, DATED JUNE 02, 2009.
 - ALL ONE-HALF INCH IRON RODS SET HAVE A YELLOW CAP WITH A "JBI" STAMP UNLESS NOTED OTHERWISE.
 - PONDS ON LOTS 8, 12-17, BLOCK A ARE TO BE MAINTAINED BY THE HOA. THIS INCLUDED RIPRAP, SILTING AND ALL ELEMENTS NEEDED TO OPERATE PONDS. PONDS MAY NOT BE ALTERED WITHOUT WRITTEN APPROVAL BY THE CITY OF LUCAS. THE HOA SHALL MAINTAIN ALL DRAINAGE WITHIN AN EASEMENT OR RIGHT-OF-WAY.
 - THE HOA IS RESPONSIBLE FOR MAINTAINS OF ALL EASEMENTS.

NOTICE:
 SELLING A PORTION OF THIS PROPERTY BY METES AND BOUNDS IS A VIOLATION OF CITY ORDINANCE AND STATE LAW AND IS SUBJECT TO FINES AND WITHHOLDING OF UTILITIES AND BUILDING PERMITS.

FINAL PLAT

STINSON HIGHLANDS, PHASE 3
 78.943 ACRES OUT OF THE JOHN GRAY SURVEY, ABSTRACT NO. 349; GEORGE GUNNELL SURVEY, ABSTRACT NO. 352; ANN S. HURT SURVEY, ABSTRACT NO. 428; JAMES LOVELADY SURVEY, ABSTRACT NO. 538
 LEWIS P. TURNER SURVEY, ABSTRACT NO. 901;
 CITY OF LUCAS, COLLIN COUNTY, TEXAS

BLOCK A, LOTS 4-24, BLOCK J, LOTS 13-22,
 BLOCK L, 1-13, AND BLOCK M, LOT 1

MENTONE PARTNERS, LLC, OWNER
 4323 Glover Road
 Dallas, Texas 75220 (214) 435-6251

JBI PARTNERS, INC. SURVEYOR/ENGINEER
 16301 Quorum Drive, Suite 200 B
 Addison, Texas 75001 (972)248-7676
 TBPE NO. F-438 TBPLS NO. 10076000

Drawing: H:\Projects\HOE140\dwg\PHASE 3\HOE140PT-PHASE 3.dwg Saved By: maddison Save Time: 2/17/2017 12:42 PM Plotted by: maddison Plot Date: 2/28/2017 6:45 AM

OWNER'S CERTIFICATION

STATE OF TEXAS~

COUNTY OF COLLIN~

WHEREAS, MENTONE PARTNERS, LLC, is the owner of that parcel of land located in the City of Lucas, Collin County, Texas, being a part of the John Gray Survey, Abstract Number 349, being a part of the George Gunnell Survey, Abstract No. 352, being a part of the Ann S. Hurt Survey, Abstract No. 428, being a part of the James Lovelady Survey, Abstract No. 538, being a part of the Lewis P. Turner Survey, Abstract No. 901, and being all of a called 78.944 acre tract of land described in a Special Warranty Deed to Mentone Partners, LLC, as recorded in Document Number 20151028001365820, of the Deed Records of Collin County, Texas, (D.R.C.C.T.), and being further described as follows:

BEGINNING at a one-half inch iron rod found at the southeast corner of said 78.944 acre tract of land, said point being the northeast corner of Stinson Highlands, Phase 2, an addition to the City of Lucas as recorded in Volume 2013, Page 308, Plat Records of Collin County, Texas (P.R.C.C.T.), and said point also being in the west line of Bristol Park, Phase 2, an addition to the City of Lucas as recorded in Volume 2014, Page 701, (P.R.C.C.T.);

THENCE along the north line of said Stinson Highlands, Phase 2 as follows: South 80 degrees 08 minutes 07 seconds West, 375.35 feet to a one-half inch iron rod found for corner; Southeastly, 38.17 feet along a curve to the left which has a central angle of 03 degrees 56 minutes 27 seconds, a radius of 555.00 feet, a tangent of 19.09 feet, and whose chord bears South 12 degrees 13 minutes 09 seconds East, 38.17 feet to a one-half inch iron rod found for corner; South 75 degrees 58 minutes 58 seconds West, 275.42 feet to a one-half inch iron rod found for corner; North 07 degrees 44 minutes 21 seconds West, 231.44 feet to a one-half inch iron rod found for corner; North 87 degrees 00 minutes 23 seconds West, 541.09 feet to a one-half inch iron rod found for corner; North 84 degrees 57 minutes 32 seconds West, 476.34 feet to a one-half inch iron rod found for corner; Southwestly, 58.93 feet along a curve to the left which has a central angle of 09 degrees 00 minutes 15 seconds, a radius of 375.00 feet, a tangent of 29.53 feet, and whose chord bears South 04 degrees 46 minutes 54 seconds West, 58.87 feet to a one-half inch iron rod found for corner; South 00 degrees 16 minutes 47 seconds West, 47.30 feet to a one-half inch iron rod found for corner; North 86 degrees 05 minutes 41 seconds West, 245.49 feet to a one-half inch iron rod found at the southwest corner of said 78.944 acre tract of land, said point being the northwest corner of said Stinson Highlands, Phase 2, said point also being in the east line of that called Tract 2 as described in deed to The Umphry Corporation as recorded in Document No. 20071231001715950, (D.R.C.C.T.);

THENCE along the west line of said 78.944 acre tract of land as follows: North 00 degrees 17 minutes 03 seconds East, 674.26 feet to a 60d nail found at the northeast corner of said Tract 2; North 88 degrees 01 minutes 54 seconds West, 112.82 feet along the north line of said Tract 2 to a five-eighths inch iron rod found at the southeast corner of that called 48.6223 acre tract of land described in deed to Lewis Bend Partners, Ltd. as recorded in Document No. 20061120001651500, (D.R.C.C.T.); North 00 degrees 20 minutes 28 seconds West, 631.69 feet to a five-eighths inch iron rod found for corner; North 00 degrees 26 minutes 51 seconds West, 505.00 feet to a five-eighths inch iron rod found for corner; North 00 degrees 22 minutes 30 seconds West, 159.07 feet to a 60d nail found at the northwest corner of said 78.944 acre tract of land, said point being in the south line of the Estates at Austin Trail, an addition to the City of Lucas as recorded in Cabinet N, Page 709, (P.R.C.C.T.);

THENCE along the north line of said 78.944 acre tract of land along the south line of said Estates at Austin Trail as follows: South 54 degrees 00 minutes 40 seconds East, 142.11 feet to a one-half inch iron rod found for corner; South 58 degrees 50 minutes 31 seconds East, 311.77 feet to a one-half inch iron rod found for corner; South 62 degrees 02 minutes 10 seconds East, 94.76 feet to a one-half inch iron rod found for corner; South 81 degrees 15 minutes 00 seconds East, 24.08 feet to a one-half inch iron rod found for corner; North 82 degrees 08 minutes 32 seconds East, 585.06 feet to a one-half inch iron rod found for corner; North 69 degrees 40 minutes 01 seconds East, 58.79 feet to a one-half inch iron rod found for corner; North 64 degrees 37 minutes 43 seconds East, 115.25 feet to a one-half inch iron rod found for corner; North 84 degrees 56 minutes 00 seconds East, 115.25 feet to a one-half inch iron rod found at the southeast corner of said Estates at Austin Trail, said point being in the west line of Belmont Park, an addition to the City of Lucas as recorded in Volume 2013, Page 85, (P.R.C.C.T.); South 03 degrees 40 minutes 21 seconds East, 6.06 feet to a five-eighths inch iron rod found at the southwest corner of said Belmont Park;

THENCE along the north line of said 78.944 acre tract of land along the south line of said Belmont Park as follows: South 55 degrees 14 minutes 42 seconds East, 147.31 feet to a one-half inch iron rod found for corner; South 65 degrees 55 minutes 04 seconds East, 391.42 feet to a five-eighths inch iron rod found for corner; South 81 degrees 02 minutes 21 seconds East, 194.66 feet to a five-eighths inch iron rod found at the northeast corner of said 78.944 acre tract of land, said point being in the west line of Bristol Park, Phase 1, an addition to the City of Lucas as recorded in Volume 2014, Page 699, (P.R.C.C.T.);

THENCE South 01 degrees 00 minutes 48 seconds East along the east line of said 78.944 acre tract of land, at 270.52 feet passing a five-eighths inch iron rod found at the southwest corner of said Bristol Park, Phase 1 and at the northwest corner of said Bristol Park, Phase 2, in all a total distance of 893.74 feet to a five eighths inch iron rod found for corner in the west line of said Bristol Park, Phase 2;

THENCE along the east line of said 78.944 acre tract of land and along the west line of said Bristol Park, Phase 2 as follows: North 87 degrees 47 minutes 13 seconds East, 4.45 feet to a five-eighths inch iron rod found for corner; South 01 degrees 12 minutes 25 seconds East, 700.26 feet to the POINT OF BEGINNING and containing 3,438,793 square feet or 78.944 acres of land.

OWNER'S DEDICATION

STATE OF TEXAS §
COUNTY OF COLLIN §
CITY OF LUCAS §

NOW THEREFORE, KNOW ALL MEN BY THESE PRESENTS: That MENTONE PARTNERS, LLC, do hereby bind themselves and their heirs, assignees and successors of title this plat designating the heretofore described property as STINSON HIGHLANDS, PHASE 3, an addition to the City of Lucas, and do hereby dedicate to the City of Lucas for its use forever the streets, alleys, and right-of-way easements shown thereon, and do hereby reserve the easement strips shown on this plat for the mutual use and accommodation of garbage collection agencies and all public utilities desiring to use or using same. Any public utility shall have the right to remove and keep removed all or part of any buildings, fences, trees, shrubs, or other improvements or growths that in any way endanger or interfere with the construction, maintenance or efficiency of its respective systems on any of these easement strips, and any public utility shall at all times have the right of ingress and egress to and from and upon the said easement strips for the purpose of constructing, reconstructing, inspecting, patrolling, without the necessity at any time of procuring the permission of anyone. Additionally, MENTONE PARTNERS, LLC, are the sole owners of the dedicated property and that no other's interest is attached to this property unless otherwise indicated on the required Mortgage Holder Certification that is included on this plat. Furthermore, as the owner of the property described herein, and in consideration of establishing the subdivision described herein, MENTONE PARTNERS, LLC, agree to the following:
*Every owner of fee simple title to every individual lot within the subdivision shall be a member of the homeowners' association;
*The homeowners' association shall have the authority to collect membership fees;
*As applicable as it pertains to conditions shown herein, the homeowners' association shall be responsible for the maintenance of all common areas, screening walls, landscaped areas, private streets and alleys.
*The homeowners' association shall grant the City the right of access to any areas to abate any nuisances on such areas, and attach a lien upon each individual lot for the prorated costs of abatement.
*The homeowners' association shall indemnify and hold the City harmless from any and all costs, expenses, suits, demands, liabilities, damages, or otherwise, including attorney fees and costs of suit, in connection with the City's maintenance of common areas.
*The homeowners' association shall, where additional rights-of-way has been dedicated for the purpose of providing landscaping, additional areas for sidewalks, walls or other amenities, enter into a license agreement with the City and shall be responsible for the installation and maintenance of all landscape areas in the public rights-of-way.
*The homeowners' association is to maintain rights-of-way including Drainage and Utility easements to the edge of pavement.
*The homeowners' association is to maintain street lights.
*The homeowners' association is to maintain entry features and screening fences.
*Wrought iron fences will be allowed to be constructed within drainage easements.
*The HOA is responsible for maintaining all drainage and utility easements including detention and retention ponds within the sub-division in case of HOA failure, the property owner will maintain all drainage and utility easements on their property including detention and retention ponds. Any alteration to a drainage easement, detention/retention pond, or utility easement requires prior approval from the City of Lucas.

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Lucas, Texas.

an Authorized Agent for MENTONE PARTNERS, LLC,

STATE OF TEXAS §
COUNTY OF DALLAS §

Before me, the undersigned authority, a Notary Public in and for said County and State, on this day personally appeared _____ known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they each executed the same for the purpose and considerations therein expressed.

Given under my hand and seal of office, this _____ day of _____, 2017.

Notary Public in and for the State of Texas:

ON-SITE SEWAGE FACILITY NOTE:

All lots must utilize alternative type On-Site Sewage Facilities. Presence of fractured rock and gravel throughout the subdivision may further limit the type of alternative type On-Site Sewage Facilities to Aerobic Treatment with Surface Application on individual lots and may interfere with tank placement.
Lots 8A is a common area/open space lot that will not be used for residential construction and/or OSSF. Any common area construction on Lot 8A including OSSF must be designed and permitted separately and according to the usage of the property.
Must maintain state-mandated setback of all On-Site Sewage Facility components from any/all easements and drainage areas, water distribution lines, sharp breaks and/or creeks/rivers/ponds, etc. (Per State regulations).

Due to the presence of a creek/drainage area on portions of lots 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18, no surface improvements, impervious cover, outbuildings, swimming pools, etc. on lots 1, 2 or 3 without pre-construction planning meeting with Registered Sanitarian/Professional Engineer and Collin County Development Services. NOTE: Maximum dwelling size/number of bedrooms might be limited on these lots.

A portion of lots 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18 is located within the 100-year flood plain:
Any OSSF that is located within the 100-year flood plain is subject to special planning requirements.
All electrical/mechanical appurtenances located within the 100-year flood plain must be elevated at least 2' above base flood elevation.

A certificate of elevation establishing base flood elevation and proving that the finished floor will be at least 2' above base flood elevation must accompany any permit application for a OSSF with electrical/mechanical components that is proposed to be located within the curvilinear line of the 100-year flood plain.

Tree removal and/or grading for OSSF may be required on individual lots.
Individual site evaluations and OSSF design plans (meeting all State and County requirements) must be submitted to and approved by Collin County for each lot prior to construction of any OSSF system.
There are no water wells noted in this subdivision and no water wells are allowed without prior approval from Collin County Development Services.

HEALTH DEPARTMENT CERTIFICATION:

I hereby certify that the on-site sewage facilities described on this plat conform to the applicable OSSF laws of the State of Texas, that site evaluations have been submitted representing the site conditions in the area in which on-site sewage facilities are planned to be used.

Registered Sanitarian or Designated Representative
Collin County Development Services

SURVEYOR'S CERTIFICATION

KNOW ALL MEN BY THESE PRESENTS:

That I, Steven E. Hines, do hereby certify, that I prepared this plat from an actual on the ground survey of the land as described and that the corner monuments shown thereon were properly placed under my personal supervision in accordance with the Platting Rules and Regulations of the City of Lucas Planning and Zoning Commission.

FOR REVIEW PURPOSE ONLY NOT TO BE FILED

Steven E. Hines, R.P.L.S. No. 5380

STATE OF TEXAS §
COUNTY OF DALLAS §

Before me, the undersigned authority, a Notary Public in and for said County and State, on this day personally appeared Steven E. Hines, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purpose and considerations therein expressed.

Given under my hand and seal of office, this _____ day of _____, 2017.

Notary Public in and for the State of Texas

APPROVED BY THE PLANNING AND ZONING COMMISSION OF THE CITY OF LUCAS, TEXAS.
ON THE _____ DAY OF _____, 2017.
ATTEST:

Chairperson, Planning and Zoning Commission

City Secretary

Approved for Preparation of Final Plat

Director of Planning and Community Development Date

Director of Public Works Date

BLOCK/LOT	SQUARE FEET	ACRES
A-4	75,490	1.733
A-5	70,885	1.627
A-6	66,491	1.526
A-7	77,992	1.788
A-8 OS	86,006	1.974
A-9	118,125	2.711
A-10	100,714	2.312
A-11	134,837	3.095
A-12	135,273	3.105
A-13	149,050	3.421
A-14	130,036	2.985
A-15	110,396	2.534
A-16	95,572	2.194
A-17	119,436	2.741
A-18	150,003	3.443
A-19	89,041	2.044
A-20	46,164	1.059
A-21	51,432	1.180
A-22	48,541	1.114
A-23	48,934	1.123
A-24	45,766	1.050
J-13	46,744	1.073
J-14	43,831	1.006
J-15	46,812	1.074
J-16	51,140	1.174
J-17	58,988	1.354
J-18	70,929	1.628
J-19	53,703	1.232
J-20	59,465	1.365
J-21	49,760	1.142
J-22	45,294	1.039
L-1	52,686	1.209
L-2	45,082	1.034
L-3	45,623	1.047
L-4	45,735	1.049
L-5	47,805	1.097
L-6	46,102	1.058
L-7	45,993	1.055
L-8	71,151	1.633
L-9	61,804	1.418
L-10	53,063	1.218
L-11	46,995	1.078
L-12	43,735	1.049
L-13	77,753	1.784
M-1	45,827	1.052

LOT TABLE

BLOCK	RESIDENTIAL LOTS	OPEN SPACE LOTS	DETENTION POND LOTS
A	20	I	
J	10		
L	13		
M	1		

FINAL PLAT

STINSON HIGHLANDS, PHASE 3

78.943 ACRES OUT OF THE JOHN GRAY SURVEY, ABSTRACT NO. 349; GEORGE GUNNELL SURVEY, ABSTRACT NO. 352; ANN S. HURT SURVEY, ABSTRACT NO. 428; JAMES LOVELADY SURVEY, ABSTRACT NO. 538 LEWIS P. TURNER SURVEY, ABSTRACT NO. 901; CITY OF LUCAS, COLLIN COUNTY, TEXAS

BLOCK A, LOTS 4-24, BLOCK J, LOTS 13-22, BLOCK L, 1-13, AND BLOCK M, LOT 1

ZONED R1

MENTONE PARTNERS, LLC, OWNER
4323 Gloster Road (214) 435-6251
Dallas, Texas 75220

JBI PARTNERS, INC. SURVEYOR/ENGINEER
16301 Quorum Drive, Suite 200 B (972)248-7676
Addison, Texas 75001



PETITION REQUESTING ANNEXATION:
TERRITORY IN WHICH THERE ARE FEWER THAN THREE (3) VOTERS

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF LUCAS, TEXAS:

The undersigned owners of the hereinafter described tract of land, which is vacant and without residents, or on which less than three (3) qualified voters reside, hereby petition you to extend the present city limits so as to include as part of the City of Lucas, Texas, the following described territory, to-wit:

See Exhibit "A" attached hereto and made a part hereof.

We certify that the above described tract of land is contiguous and adjacent to the City of Lucas, Texas, is not more than one-half (1/2) mile in width, and that this petition is signed and duly acknowledged by each and every person or corporation having an interest in said land.

[Handwritten Signature]
Signature: _____

Kenneth O. Prater
Printed Name: _____

Signature: _____

Printed Name _____

Signature: _____

Printed Name _____

THE STATE OF TEXAS

COUNTY OF COLLIN

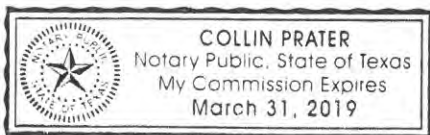
Before me, the undersigned authority, on this day personally appeared Kenneth D Prater
_____ and _____

known to me to be the person(s) who(se) name(s) are subscribed to the foregoing instrument and each acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office, this 15th day of March, 2017.

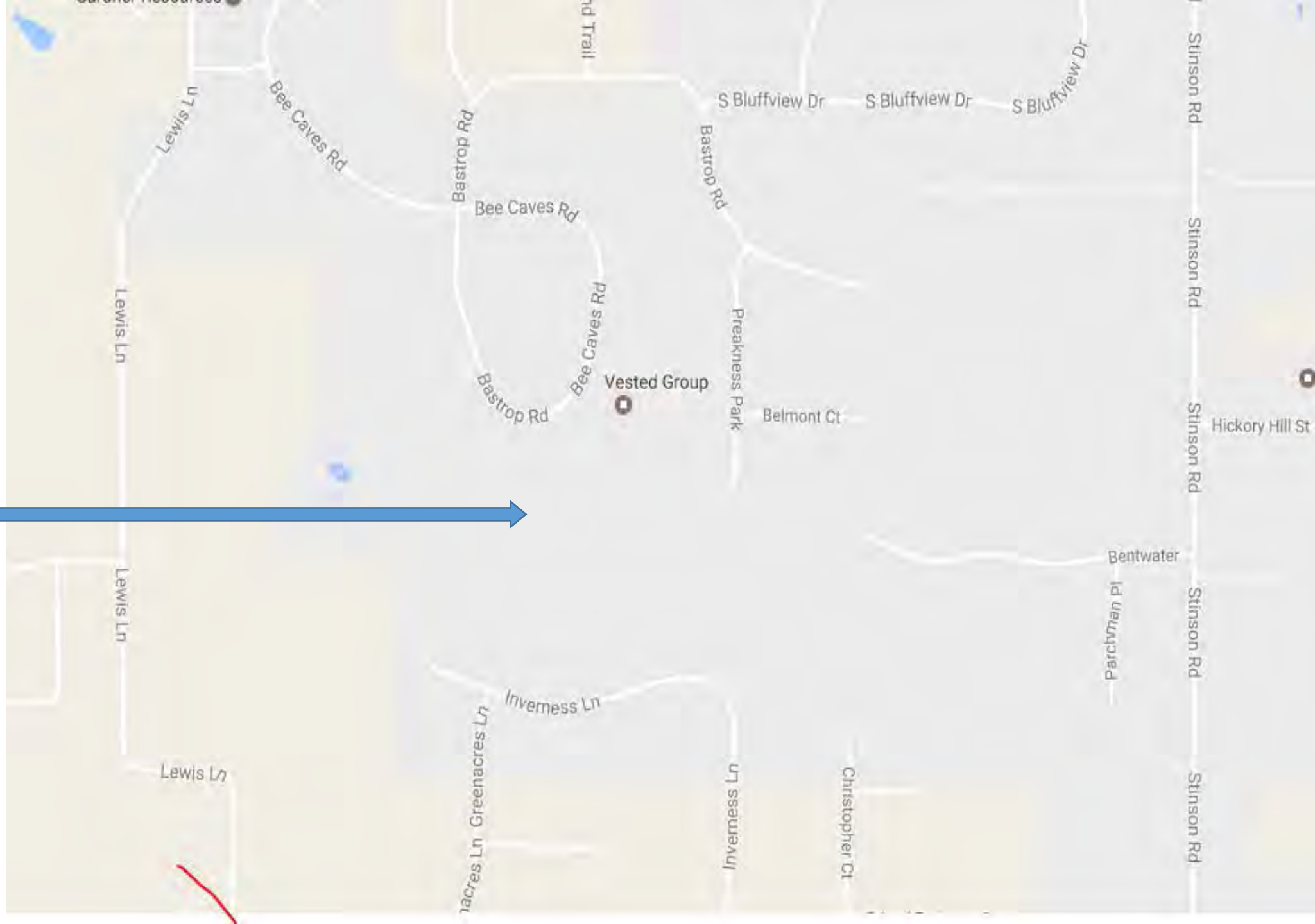
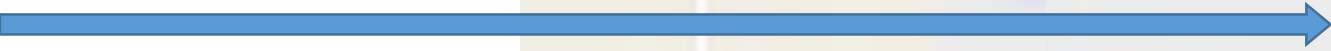
[Handwritten Signature]

Notary Seal



Notary Public

Stinson Highlands Phase 3





City of Lucas Council Agenda Request May 4, 2017

Requester: City Manager Joni Clarke

Agenda Item:

Consider an agreement for the provision of solid waste collection and disposal between the City of Lucas and Barnes Waste Disposal, Inc. and authorize the City Manager to execute the agreement.

Background Information:

The contract between the City of Lucas and Barnes Waste Disposal for Solid Waste Collection and Disposal expires on September 30, 2017 with an option to renew for two additional terms of one year each. Norman and Stacie Barnes with Barnes Waste Disposal, Inc. advised the City that recycling has become increasingly difficult to manage. The City Council directed staff to enter into a new agreement for solid waste collection and disposal that would commence on October 1, 2017 and terminate on September 30, 2022. The following services are included in the proposed agreement:

- (a) Residential refuse collections at curbside or, if qualified (disabled or elderly), house side, in response to the individual customer's request, all other "house side" collection is subject to Contractor approval. All trash, garbage and refuse must be bagged and placed in an appropriate container. Contractor shall have no obligation to pick up or otherwise collect motor vehicle tires, oil, batteries, hazardous chemicals or items containing refrigerants. Contractor shall perform collection service no less frequently than once per week.
- (b) Collect unbundled brush (cut not greater than 4 feet in length) and bulky items in a volume of (2) cubic yards [6'x3'x3'], no less frequently than twice per month. Unbundled brush and bulky items shall be and placed curbside for collection. As used herein, a "bulky item" shall refer to appliances (not containing refrigerants) water tanks, yard maintenance machines, furniture and waste materials other than dead animals or hazardous waste.
- (c) Collect unlimited bundled brush (cut not greater than 4 feet in length) and not heavier than 40 pounds per bundle, and placed curbside for collection.
- (d) At the request of the customer, Contractor will collect 10 cubic yards of brush curbside twice per year per household at no additional cost to the customer. This service must be scheduled with the Contractor and shall be collected on a first come first basis.
- (e) Contractor shall have no obligation to collect or dispose of construction, remodel, or landscape/brush debris if generated by a business, individual or entity providing such services to the property owner.



City of Lucas Council Agenda Request May 4, 2017

- (f) The resident should call Contractor for household hazardous waste collection for special pick up instructions. Collection of these materials may require extra charges negotiated by Contractor and the individual resident.
- (g) Excessive amounts, as determined by Contractor, may require extra charges negotiated by Contractor and the individual resident.
- (h) Refrigeration appliances not certified and tagged by an HVAC technician may be subject to a \$35.00 disposal fee that shall be billed to the individual resident by Contractor.
- (i) Contractor shall host, with the help of City staff, one (1) annual clean-up event for each year of the Agreement. The event shall be scheduled on a Saturday agreed to by the Contractor and the City at a location provided by the City.
- (j) Manure or stable matter shall be negotiated by Contractor and the individual resident per 95-gal container and billed directly to the resident. Resident must purchase containers for manure/stable matter.

In addition, the proposed agreement includes a recycle addendum for consideration. The Contractor will provide a staffed drop off collection truck at a location provided by the City. Collection of recycling at the drop off location will occur no less than once per month. Contractor will man the drop off location a minimum of four (4) hours per month. It is the sole discretion of the Contractor to determine what items will be acceptable for recycle collection, and the Contractor has no obligation to accept or dispose of items the Contractor determine to be unacceptable. Contractor will bill the City for this service at a rate of \$500 per month.

This contract has been reviewed by City Attorney Joe Gorfida and Norman and Stacie Barnes of Barnes Waste Disposal, Inc.

Attachments/Supporting Documentation:

1. Solid Waste Collection and Disposal Agreement effective for five years commencing on October 1, 2017 and terminating on September 30, 2022
2. Barnes Waste Disposal, Inc. Solid Waste Rate Structure Summary

Budget/Financial Impact:

The pricing structure reflecting in the proposed contract include:

Monthly rates for Basic Service	\$21.57
Monthly rates for Expanded Service	\$26.50
Monthly rates for Expanded Plus Service	\$31.43



City of Lucas Council Agenda Request May 4, 2017

Item No. 05

Monthly rates for additional service for each additional 120 gallons of refuse or polycart collected above the Expanded Plus Service \$ 4.93

Note: Rates reflect the addition of sales tax at a rate of 8.25%, a franchise fee of 7% and administrative fee of 8%.

“Basic” service consists of collection of one (1) 95-gallon polycart or [up to 120 gallons] of refuse disposed of each week. “Expanded” service consists of the use of any approved container in addition to the approved container(s) used for basic service [up to 240 gallons]. “Expanded Plus” service consists of the use of any approved container in addition to the approved container(s) used for basic service [up to 360 gallons], “Additional” service consists of the use of any approved container in addition to the approved container(s) used for “Expanded Plus” service [billed in multiples of 120 gallons], without change to collection frequencies or collection of brush and bulky items. Additional approved containers for “Expanded” service shall consist of either one (1) 95-gallon polycart or equivalent size containers totaling 240 gallons. Additional approved containers for “Expanded Plus” service shall consist of either two (2) 95-gallon polycart or equivalent size containers totaling 360 gallons. Customers shall inform the City or Contractor, of their request for “Expanded”, “Expanded Plus”, or “Additional” service. Contractor shall have no obligation to collect or dispose of refuse in excess of either service amount chosen by the customer.

If the City Council chooses to include the recycling option outlined in the addendum, the Contractor will bill the City for this service at a rate of \$500 per month.

Recommendation:

Staff recommends approval of the Solid Waste Collection and Disposal Agreement with Barnes Waste Disposal, Inc.

Motion:

I make a motion to approve/deny of the Solid Waste Collection and Disposal Agreement with Barnes Waste Disposal, Inc. and authorize the City Manager to execute the agreement.

STATE OF TEXAS §
 § **SOLID WASTE COLLECTION AND**
 § **DISPOSAL AGREEMENT**
COUNTY OF COLLIN §

This Contract ("Contract") is entered into by and between the City of Lucas, Texas, ("City") and Barnes Waste Disposal, Inc. ("Contractor"), (each a "Party" and collectively the "Parties"), acting by and through their authorized representatives.

RECITALS:

WHEREAS, City desires to engage the services of Contractor as an independent contractor and not as an employee to provide services on the terms and conditions provided in this Agreement; and

WHEREAS, Contractor desires to render services for garbage collection and disposal, and collection of yard waste for delivery to permitted and/or approved waste facilities from all single-family dwellings and City facilities under the terms and conditions provided 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
Definitions

Wherever used in this Agreement, the following terms shall have the meanings ascribed to them:

City shall mean the City of Lucas.

Contractor shall mean any person, corporation, partnership or similar entity that contract for valuable consideration to pick up or collect municipal solid waste on a regular basis from any collection point within the corporate or service limits of the City of Lucas. As used herein, "Contractor" refers specifically to Barnes Waste Disposal, Inc.

Municipal solid waste shall mean solid waste resulting from or incidental to municipal, community (residential), household and recreational activities including garbage, rubbish, ashes and other solid waste other than industrial solid waste as defined by state or federal law.

Article II
Term

2.1 The Initial Term of this Agreement shall be five (5) years, commencing on October 1, 2017 ("Commencement Date"), and terminating on September 30, 2022.

2.2 Upon expiration of the Initial Term, City shall have the option to renew this Agreement for two (2) additional terms of one (1) year each (each a “Renewal Term”).

Article III Scope of Services

3.1 Contractor is hereby granted the privilege and duty within the territorial jurisdiction of City, and agrees to furnish all personnel, labor, equipment, trucks, and other items necessary to provide solid waste collection and disposal for residential customers in accordance with this Contract and to perform all of the work called for and described in the contract documents. Contractor agrees to at all times insure that its waste collection franchise is current and in compliance with all applicable regulations of the State of Texas, and ordinances of the City of Lucas, Texas. It is understood that this franchise is non-exclusive.

3.2. Contractor shall at all times be duly licensed or permitted to deposit municipal solid waste at or in a land fill regulated and approved by the Texas Natural Resource Conservation Commission and any other appropriate state or federal authorities.

3.3 Recycling services shall be provided as set forth in the Recycle Addendum attached hereto as Exhibit “A” and incorporated herein by reference.

3.4. Contractor agrees that the City shall retain the right to place limitations on the collection, including prohibiting collection trucks on certain streets where heavy trucks will damage the street.

Article IV Schedule of Work

Contractor agrees to commence services on the Commencement Date and to complete the required services as set forth in herein.

Article V Rates and Services

5.1 Contractor shall provide the following services:

- (a) Residential refuse collections at curbside or, if qualified (disabled or elderly), house side, in response to the individual customer’s request, all other “house side” collection is subject to Contractor approval. All trash, garbage and refuse must be bagged and placed in an appropriate container. Contractor shall have no obligation to pick up or otherwise collect motor vehicle tires, oil, batteries, hazardous chemicals or items containing refrigerants. Contractor shall perform collection service no less frequently than once per week.
- (b) Collect unbundled brush (cut not greater than 4 feet in length) and bulky items in a volume of (2) cubic yards [6’x3’x3’], no less frequently than twice per month.

Unbundled brush and bulky items shall be and placed curbside for collection. As used herein, a “bulky item” shall refer to appliances (not containing refrigerants) water tanks, yard maintenance machines, furniture and waste materials other than dead animals or hazardous waste.

- (c) Collect unlimited bundled brush (cut not greater than 4 feet in length) and not heavier than 40 pounds per bundle, and placed curbside for collection.
- (d) At the request of the customer, Contactor will collect 10 cubic yards of brush curbside twice per year per household at no additional cost to the customer. This service must be scheduled with the Contactor and shall be collected on a first come first basis.
- (e) Contractor shall have no obligation to collect or dispose of construction, remodel, or landscape/brush debris if generated by a business, individual or entity providing such services to the property owner.
- (f) The resident should call Contractor for household hazardous waste collection for special pick up instructions. Collection of these materials may require extra charges negotiated by Contractor and the individual resident.
- (g) Excessive amounts, as determined by Contractor, may require extra charges negotiated by Contractor and the individual resident.
- (h) Refrigeration appliances not certified and tagged by an HVAC technician may be subject to a \$35.00 disposal fee that shall be billed to the individual resident by Contractor.
- (i) Contractor shall host, with the help of City staff, one (1) annual clean-up event for each year of the Agreement. The event shall be scheduled on a Saturday agreed to by the Contractor and the City at a location provided by the City.
- (j) Manure or stable matter shall be negotiated by Contractor and the individual resident per 95-gal container and billed directly to the resident. Resident must purchase containers for manure/stable matter.

5.1 Containers. Customers shall use approved receptacles for collections consisting of 95-gallon polycarts. Contractor shall provide all Customers with one (1) polycart, at the option of each Customer at no charge. For expanded service, as defined herein, Contractor shall provide additional polycarts per household at no charge at customer’s request. If additional containers are desired, the Customer may request them from Contractor or provide their own container for excess refuse. In the event any Customer’s complimentary polycart is lost, stolen or destroyed such that its use is rendered impractical or unsanitary, Contractor shall replace one (1) container per Customer during the term of this Contract, exclusive of any additional terms or extensions hereof. In the event any Customer shall request replacement of a second polycart after having received on

prior replacement, Contractor shall negotiate a fair and reasonable price with each such Customer and shall charge each such Customer directly.

5.3 Pricing Structure. Monthly rates, per Customer, shall be as follows: (rates reflect the addition of sales tax and the combined franchise/right-of-way use fee and administrative fee):

Basic Service:	Monthly rates for Basic Service	\$21.57
Expanded Service:	Monthly rates for Expanded Service	\$26.50
Expanded Plus Service:	Monthly rates for Expanded Plus Service	\$31.43
Additional Service:	Monthly rates for each additional 120 gallons of refuse or polycart collected above the Expanded Plus Service	\$ 4.93

“Basic” service consists of collection of one (1) 95-gallon polycart or [up to 120 gallons] of refuse disposed of each week. “Expanded” service consists of the use of any approved container in addition to the approved container(s) used for basic service [up to 240 gallons]. “Expanded Plus” service consists of the use of any approved container in addition to the approved container(s) used for basic service [up to 360 gallons], “Additional” service consists of the use of any approved container in addition to the approved container(s) used for “Expanded Plus” service [billed in multiples of 120 gallons], without change to collection frequencies or collection of brush and bulky items. Additional approved containers for “Expanded” service shall consist of either one (1) 95-gallon polycart or equivalent size containers totaling 240 gallons. Additional approved containers for “Expanded Plus” service shall consist of either two (2) 95-gallon polycart or equivalent size containers totaling 360 gallons. Customers shall inform the City or Contractor, of their request for “Expanded”, “Expanded Plus”, or “Additional” service. Contractor shall have no obligation to collect or dispose of refuse in excess of either service amount chosen by the customer.

Article VI Contractor Duties

6.1 Contractor shall at all times maintain in a current and valid status, all permits required by any other governmental agency or political subdivision having jurisdiction over Contractor's operations, including but not limited to the Texas Natural Resource Conservation Commission.

6.2 Contractor shall not allow any municipal solid waste to spill or fall from the Contractor's equipment within the corporate limits of the City. In the event that spillage should occur, the Contractor shall completely remove such spillage.

6.3 Contractor shall insure that any of its trucks and equipment used for collection within the City, and under this franchise meets the approval of the City. Contractor agrees to only use trucks and equipment that will prevent spillage and damage to the streets and ways used by such trucks and equipment. Contractor shall also abide by any City regulations with regard to the placement of collection containers if it becomes necessary to establish such regulations. Unless such regulations become necessary, the Contractor shall establish such locations.

6.4 Contractor shall clearly mark all of its collection vehicles with the Contractor's name, address and telephone number. The trucks used by Contractor to collect waste within the City shall be no larger than a "single axle" type, and shall not exceed 26,000 pounds in weight.

6.5 Contractor shall comply with all additional terms and conditions set forth herein.

Article VII Restoration of Public Ways

Contractor shall not cause damage, beyond normal wear and tear, to any street or roadway within the City. In the event the Contractor causes damage to any street or roadway within the City, the Contractor shall be given written notice to immediately cause such damage to be repaired under the supervision of the City. If such damage is not repaired within the time stated, the City may terminate this Agreement for cause pursuant to Article XI.

Article VIII Availability of Funds

If monies are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal period, this Agreement shall be canceled and Contractor may only be reimbursed for the reasonable value of any non-recurring costs incurred but not amortized in the price of services delivered under this Agreement or which are otherwise not recoverable. The cost of cancellation may be paid from any appropriations for such purposes.

Article IX Insurance

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

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

9.3 All insurance companies providing the required insurance shall either be authorized to transact business in Texas and rated at least "A" by AM Best or other equivalent rating service, or approved by the City Risk Manager. A certificate of insurance evidencing the required insurance shall be submitted to the City prior to commencement of services.

**Article X
Indemnification**

10.1 **CONTRACTOR IS SOLELY RESPONSIBLE FOR AND SHALL DEFEND, INDEMNIFY, AND HOLD CITY (OR ANY OF CITY'S REPRESENTATIVES OR EMPLOYEES), FREE AND HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS, LIABILITIES, DEMANDS, LOSSES, DAMAGES, COSTS OR EXPENSE TO ALL PERSONS (INCLUDING BUT NOT LIMITED TO REASONABLE ATTORNEYS' FEES) ARISING OUT OF RESULTING FROM OR OCCURRING IN CONNECTION WITH THE PERFORMANCE OF THE WORK THAT IS (I) ATTRIBUTABLE TO ANY BODILY OR PERSONAL INJURY, SICKNESS, DISEASES OR DEATH OF ANY PERSON OR ANY DAMAGE OR INJURY TO OR DESTRUCTION OF REAL OR PERSONAL PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING THE LOSS OF USE THEREOF, AND (II) CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT, STRICT LIABILITY OR OTHER ACT OR OMISSION OF CONTRACTOR, ANY SUBCONTRACTOR OR SUPPLIER, THEIR RESPECTIVE AGENTS OR EMPLOYEES OR ANY OTHER PARTY FOR WHOM ANY OF THEM MAY BE LIABLE REGARDLESS OF WHETHER SUCH IS CAUSED IN PART BY THE NEGLIGENT, STRICT LIABILITY OR OTHER ACT OR OMISSION OF A PARTY OR PARTIES INDEMNIFIED HEREUNDER.**

10.2 **SAID INDEMNITY AND HOLD HARMLESS AGREEMENT SHALL ALSO APPLY TO CLAIMS ARISING FROM ACCIDENTS TO CONTRACTOR, ITS AGENTS OR EMPLOYEES, WHETHER OCCASIONED BY CONTRACTOR OR ITS EMPLOYEES, THE CITY OR ITS EMPLOYEES, OR BY ANY OTHER PERSON OR PERSONS.**

10.3 **IN THE EVENT OF JOINT OR CONCURRENT NEGLIGENCE OF BOTH CONTRACTOR AND THE CITY, RESPONSIBILITY, IF ANY, SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, WITHOUT, HOWEVER, WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO CONTRACTOR OR THE CITY UNDER TEXAS LAW. THE CITY SHALL BE RESPONSIBLE FOR ITS NEGLIGENCE AND CONTRACTOR SHALL HAVE NO INDEMNIFICATION OBLIGATIONS UNDER THIS AGREEMENT TO THE EXTENT OF THE CITY'S NEGLIGENCE.**

10.4 **THE INDEMNIFICATION OBLIGATION SHALL NOT BE LIMITED IN ANY WAY BY ANY LIMITATION ON THE AMOUNT OR TYPE OF DAMAGES, COMPENSATION OR BENEFITS PAYABLE UNDER THE WORKERS' OR WORKMEN'S COMPENSATION ACTS, DISABILITY ACTS OR OTHER EMPLOYEE BENEFIT ACTS.**

Article XI Termination

11.1 City may terminate this Agreement, or any portion thereof, at any time with or without cause, by serving a notice of termination on Contractor by registered or certified mail addressed to Contractor at the address set forth herein. If termination is for cause, the notice shall state the specific reasons in support of City's claim that Contractor has failed to perform its obligations (and/or cure any material breach) under this Agreement. Contractor shall be allowed a thirty (30) day period from the date of receipt of said notice from City to remedy any failure to perform. Should City deem the failure to perform remedied, no hearing shall be held. If City terminates this Agreement without cause, Contractor shall be paid for work performed up to the time of termination. In no event shall Contractor be entitled to lost or anticipated profits in the event this Agreement is terminated without cause.

11.2 Should Contractor fail to remedy its performance, after a hearing described herein, City may terminate this Agreement and the rights and privileges granted to Contractor herein. A notice shall be sent to Contractor no earlier than ten (10) days before a hearing is scheduled. The notice shall specify the time and place of the hearing and shall include the specific reasons in support of City's claim that Contractor has substantially breached the terms and provisions of this Agreement. Should City still deem Contractor to have failed in its performance, said hearing shall be conducted in public by the City Council and Contractor shall be allowed to be present and shall be given full opportunity to answer such claims as are set out against it in the aforesaid notice. If, after said public hearing, the City Council makes a finding that Contractor has failed to provide adequate refuse collection service for City, or has otherwise substantially failed to perform its duties hereunder, the City Council may terminate this Agreement.

Article XII Miscellaneous

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

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

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

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

12.5 Amendments. This Agreement may be amended by the mutual written agreement of the Parties.

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

12.7 Independent Contractor. All services to be performed by Contractor pursuant to this Agreement shall be in the capacity of an independent contractor, and not as an agent or employee of the City. Contractor shall supervise the performance of its services and shall be entitled to control the manner and means by which its services are to be performed, subject to the terms of this Agreement.

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

If intended for City:

Attn: City Manager
City of Lucas
665 Country Club Rd.
Lucas, Texas 75002
Phone: (972) 727-8999

With Copy to:

Joseph J. Gorfida, Jr.
Nichols, Jackson, Dillard, Hager & Smith, L.L.P.
1800 Lincoln Plaza
500 North Akard
Dallas, Texas 75201
Phone: (214) 965-9900

If intended for Contractor:

Barnes Waste Disposal, Inc.
P.O. Box 245
Princeton, Texas 75407
Phone: (972) 396-1139

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

12.10 Inspection of Books and Records. City, or any duly authorized representative of City, may at all reasonable times inspect and examine the books and records of Contractor for the purpose of (a) checking the salary costs and other expenses described and/or contemplated in this Agreement or (b) otherwise confirming Contractor's compliance with the terms of the Agreement.

Contractor shall maintain said books and records and other evidence pertaining to costs, and shall make such materials available at its office, during the term of this Agreement and for the period of three (3) years after the date of final payment thereunder.

12.11 Compliance with Federal, State & Local Laws. Contractor shall comply in performance of services under the terms of this Agreement with all applicable laws, ordinances and regulations, judicial decrees or administrative orders, ordinances, and codes of federal, state and local governments, including all applicable federal clauses.

12.12 Force Majeure. No Party will be liable for any default or delay in the performance of its obligations under this Agreement if and to the extent such default or delay is caused, directly or indirectly, by a Disaster, riots, civil disorders, acts of terrorism or any similar cause beyond the reasonable control of such Party, provided that the non-performing Party is without fault in causing such default or delay. The non-performing Party agrees to use commercially reasonable efforts to recommence performance as soon as possible.

(signature page to follow)

EXECUTED this _____ day of _____, 2017.

City of Lucas, Texas

By: _____
Joni Clarke, City Manager

Approved as to form:

By: _____
Joseph J. Gorfida, Jr.
(04-17-2017/85354)

EXECUTED this _____ day of _____, 2017.

Barnes Waste Disposal, Inc.

By: _____
Name: _____
Title: _____

Recycle Addendum

Recycle Service and Rate

Service Requirements: Contractor will provide a staffed drop off collection truck at a location provided by the City. Collection of recycling at the drop off location will occur no less than once per month. Contractor will man the drop off location a minimum of four (4) hours per month. It is the sole discretion of the Contractor to determine what items will be acceptable for recycle collection, and the Contractor has no obligation to accept or dispose of items the Contractor determine to be unacceptable.

Rate: Contractor will bill the City for this service at a rate of \$500 per month.

Service Cancellation: City may terminate the Recycle Addendum, or any portion thereof, at any time with or without cause, by serving a notice of termination on Contractor by registered or certified mail addressed to Contractor at the address set forth herein. Contractor may terminate the Recycle Addendum, or any portion thereof, at any time with or without cause, by serving a notice of termination on City by registered or certified mail addressed to City at the address set forth herein. If City terminates this Recycle Addendum without cause, Contractor shall be paid for work performed up to the time of termination. In no event shall Contractor be entitled to lost or anticipated profits in the event this Recycle Addendum is terminated without cause. If Contractor terminates this Recycle Addendum without cause, Contractor shall complete all work for which Contractor has been paid up to the time of termination.

Barnes Waste Disposal, Inc.
Solid Waste Rate Structure

	Basic Service	Expanded Service	Expanded Plus
Trash Service	\$17.50	\$21.50	\$25.50
Franchise Fee 7%	\$1.23	\$1.51	\$1.79
Admin Fee 8%	\$1.40	\$1.72	\$2.04
State Sales Tax 6.25%	\$1.09	\$1.34	\$1.59
City Sales Tax 2%	\$0.35	\$0.43	\$0.51
Proposed Monthly Charge to Residents	\$21.57	\$26.50	\$31.43

Note:

Basic Service includes 1 - 95 gal polycart.

Expanded Service includes 2 - 95 gal polycarts.

Expanded Plus includes 3 - 95 gal polycarts.

Additional Service - Monthly rates for each additional 120 gallons of refuse or polycart collected above the Expanded Plus Service - \$4.93.



Item No. 06

City of Lucas
City Council Agenda Request
May 04, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Consider and finalize the Capital Improvement Plan (CIP), appoint the Capital Improvements Advisory Committee, and appoint the required advisory committee member from the City's Extraterritorial Jurisdiction (ETJ).

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 infrastructure 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.

The City's CIP and land use assumptions should be updated every five years. The last CIP update was September 20, 2011. The land use assumptions were updated in March as part of the Comprehensive Plan.

The next steps in the process are for the Council to form an advisory committee to review the CIP and update the Impact fee schedule. Impact fees are a means to impose fees upon each new development project to pay the costs of constructing capital improvements and facility expansions necessary to serve new developments. The rules for the advisory committee are below:

Sec. 10.02.003 Advisory Committee

- (a) The capital improvements advisory committee (advisory committee) shall consist of the planning and zoning commission. If the advisory committee does not include at least one representative of the real estate, development or building industry who is not an employee or official of a political subdivision or governmental entity, the city council shall appoint at least one such representative as an ad hoc voting member of the advisory committee. If any impact fee is to be applied in the extraterritorial jurisdiction of the city, a representative from the area shall be appointed by the city council.
- (b) The advisory committee serves in an advisory capacity and is established to:
 - (1) Advise and assist in the adoption of land use assumptions;
 - (2) Review the capital improvements plan and file written comments;
 - (3) Monitor and evaluate implementation of the capital improvements plan;



City of Lucas
City Council Agenda Request
May 04, 2017

Item No. 06

- (4) File semiannual reports with respect to the progress of the capital improvements plan and report to the city council any perceived inequities in implementing the plan or imposing the impact fee; and
- (5) Advise the city staff and council of the need to update or revise the land use assumptions, capital improvements plan and impact fee.
- (c) All professional reports concerning the development and implementation of the capital improvements plan shall be made available to the advisory committee.
- (d) The advisory committee shall elect a chairperson to preside at its meetings and a vice-chairperson to serve in his absence. All meetings of the advisory committee shall be open to the public and posted at least 72 hours in advance. A majority of the membership of the advisory committee shall constitute a quorum.

The Planning and Zoning Commission has one member, Scott Sperling, that qualifies as the member from the real estate/building industry. We will need to appoint one member from the City's ETJ. Staff would recommend if he is willing is to appoint Rick Van Horn, he was the person appointed during the last CIP evaluation and Impact fee study.

After the members of the advisory committee are established, Staff will work with the committee to schedule a meeting to review the CIP and land use assumptions. Upon completion of the review process, staff will engage BW2 to facilitate the calculation of the impact fees. Once this calculation is complete, a public hearing will be scheduled.

Attachments/Supporting Documentation:

- 1. Capital Improvement Plan

Budget/Financial Impact:

N/A

Recommendation:

Approve as presented.

Motion:

I make a motion to finalize the Capital Improvement Plan, appoint the following members _____ to the Capital Improvement Advisory Committee, and appoint _____ to the Advisory Committee from the City's Extraterritorial Jurisdiction.

**CITY OF LUCAS
CAPITAL IMPROVEMENT PLAN (CIP)
2016-2030**

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CAPITAL IMPROVEMENT PLAN (CIP) POLICIES AND PROCEDURES

Introduction

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

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

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

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

Goals

1. Preserving public welfare and safety - Providing the basic services that ensure public welfare and safety is the fundamental responsibility of local government. The cumulative effect of deferring investment in needed infrastructure and basic improvement of essential services is often an expensive series of stopgap measures that fail to address comprehensive, long-term needs.
2. Anticipating the demands of growth - When related to the comprehensive plan, the capital improvement planning process works to anticipate investments in community facilities and infrastructure which are needed to serve or shape the pattern of growth and development.
3. Supporting economic development - Having sound fiscal health and high quality facilities and services are attractive to business and potential residents. New corporate investment and reinvestment in a community may be influenced by improvements that enhance the quality of life for their labor force. Private decisions that bring jobs to an area and new taxes to a community are based not only on availability of water and sewer, but also upon the quality of schools, public safety, recreation opportunities, and many other services. The City of Lucas has identified two areas for commercial development that are

located on its peripheral boundaries to complement the high quality of life and not hinder or negatively impact it.

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

The CIP process can promote discussion of funding strategies.

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

Development Process

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

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

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

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

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

Financing Programs - Recognizing that long-term debt is usually a more expensive financing

method, alternative financing sources will be explored before debt is issued. When debt is issued, it will be used to acquire major assets with expected lives which equal or exceed the average life of the debt issue. Impact fees, assessments, pro-rata charges, or other fees may be used to fund capital projects.

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

Capital Improvement Plan (CIP) 2016-2020

Departments will include as part of their project proposal:

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

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

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

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

Project Criteria

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

1. Public Health, Safety, and Welfare - Projects improving the public health, safety, and welfare of the community will be rated with highest priority. Projects must demonstrate the benefit provided to the community and possible risks from not completing the project. Compliance with state and federal mandates fall under this category.

2. Quality of Life - Projects enhancing the quality of life enjoyed by citizens, such as equestrian and hiking trails throughout the city, will receive a high priority.
3. Funding - Funding availability considerations are included when ranking projects. Grants and funding partnerships are considered first followed by operating revenues, fund balance, and debt. Debt may be issued to fund capital projects after alternative funding sources are explored.
4. Economic Development - Projects enhancing and promoting the establishment of commercial business with the highest and best use for a parcel of land that is zoned commercial will be given the highest priority.

CIP Amendment

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

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

CIP Project Prioritization

Using the criteria identified in the Project Criteria section of this document will assist staff and ultimately the elected officials in rating each project to facilitate prioritization.

There are various rating schemes available for establishing capital improvements priorities. The following set of standards are used as the evaluation method for the City:

- **High** – Essential capital improvements are projects which are activities needed to promote public welfare and safety. Projects classified under this category are projects of the highest priority.
- **Routine** – Necessary capital improvements are projects which are needed for the convenience and conservation of endangered resources, or for the completion of partially completed projects. Projects of this type include improvements which are considered necessary for a progressive growing community and for problems that do not negatively impact public welfare.
- **Low** – Desirable capital improvements are projects which protect property, replace obsolete facilities, reduce operating costs and add to the attractiveness of the community. Projects of this type are not considered high priority and may be delayed, or removed from the CIP, as funding changes. Conversely, these types of projects can be brought forth when budget surpluses or additional funding sources are identified.

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

CIP Street and Trail Project List (2016 – 2031)

CIP At-A-Glance

The CIP At-A-Glance is to be used as a quick reference guide that summarizes the CIP. It indicates the fiscal year in which the project is scheduled to begin, a project number for identification purposes, the recommended priority of implementation, the preliminary estimated costs for improvements and the anticipated sources of funding for the recommended capital improvement projects.

YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	SOURCE OF FUNDING
FY 2016-2017	1	High	Reverse Curve on Winningkoff Road	\$964,000	Impact Fees and Certificate of Obligation
	2	High	Stinson Road/W. Lucas Road Intersection	\$453,000	Impact Fees and Certificate of Obligation
	3	High	W. Lucas Road Reconstruction	\$1,500,000	Regional Toll Revenue (RTR), City of Lucas, and Collin County Bond
FY 2016-2017	4	Routine	Maintenance of Multiple Streets	\$750,000	City - General Fund
FY 2017-2018	5	High	Country Club Road/Estates Parkway Intersection	\$350,000	Certificate of Obligation
	6	High	Winningkoff Road from the Reverse Curve to Snider Lane	\$1,400,000	Certificate of Obligation
	7	High	Trailhead on E. Winningkoff Road	\$240,000	\$131,000 City and \$109,000 Collin County Park Board Grant
	8	Routine	Maintenance of Multiple Streets	\$750,000	City - General Fund
FY 2018-2019	9	High	Stinson Road from Parker Road to Bristol Park	\$2,267,000	Certificate of Obligation
	10	High	Blondy Jhune Road Reconstruction from west bridge to Winningkoff	\$2,700,000	Certificate of Obligation
	11 A	Low	A) Trail at Parker Road	\$80,000	\$ 16,000 City and \$ 64,000 Texas Parks Wild Life Department
	11 B		B) Trail at E. Winningkoff Road		
	12	Routine	Maintenance of Multiple Streets	\$750,000	City - General Fund
FY 2019-2020	13	High	Stinson Road from Bentwater Drive to reverse curve	\$2,000,000	Certificate of Obligation

YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	SOURCE OF FUNDING
	14	Routine	Maintenance of Multiple Streets	\$750,000	City - General Fund
FY 2020- 2021	15	High	Winningkoff Rd from E. Lucas Road to the Reverse Curve	\$1,900,000	Certificate of Obligation
	16	Routine	Maintenance of Multiple Streets	\$750,000	City - General Fund
	17 A	Low	A) Trail along Estates Parkway	\$40,000	City and Possible State's Grants
	17 B		B) Trail along Allison Ln		
	17 C		C) Trail along W. Lucas Road		
	17 D		D) Trail along Stinson Road		
	17 E		E) Trail along Powerline and Flood Plain		
	18 A	Low	A) Trail along Blondy Jhune Road	\$200,000	City and Possible State Grants
	18 B		B) Trail from Winningkoff Road to Trinity Trail		
	19	Low	Trail Head near the intersection of Southview Drive and Osage Lane	\$264,000	City and Possible Collin County Grants
	20	Routine	Maintenance of Multiple Streets (5 years @ \$787,500/year)	\$3,937,500	City - General Fund
	21	Routine	Maintenance of Multiple Streets (5 years @ \$826,875/year)	\$4,134,375	City - General Fund

WINNINGKOFF ROAD REVERSE CURVE

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2016-2017	1	Roadway	Winningkoff Road Reverse Curve	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$ 964,000	Certificate of Obligation

PROJECT DESCRIPTION

Replace existing asphalt pavement with 24-foot wide concrete pavement. The eastern curve will be designs to accommodate a school bus and an auto passing in opposite directions. The western curve will be replaced with a three-way stop sign controlled intersection with Forestview Drive. The pavement shall consist of 24-foot wide concrete pavement in the straight sections. The project length is approximately 0.5 miles.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2018

PROJECT MANAGER: Stanton Foerster

STINSON ROAD/W. LUCAS ROAD INTERSECTION**PROJECT SUMMARY**

Fiscal Year	Project No.	Category	Project	Priority
2016-2017	2	Roadways	Stinson Road/W. Lucas Road Intersection	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$453,000	Certificates of Obligation

PROJECT DESCRIPTION

Provide for two northbound Stinson Road lanes: one left turn and one right turn. Add W. Lucas Road westbound to southbound left turn lane and transition. Improve drainage along the W. Lucas Road.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2019

PROJECT MANAGER: Stanton Foerster

W. LUCAS ROAD RECONSTRUCTION

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2016-2017	3	Roadways	W. Lucas Road Reconstruction	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,500,000	Regional Toll Revenue (RTR), City of Lucas General Fund, and Collin County Bond

PROJECT DESCRIPTION

Widen W. Lucas Road from Willow Springs School to Middleton Drive by adding a center, left turn lane. The project length is approximately 2.5 miles.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2019

PROJECT MANAGER: Stanton Foerster

MAINTENANCE OF MULTIPLE STREETS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2016-2017	4	Roadways	Maintenance of Multiple Streets	Routine

FISCAL OVERVIEW

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

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2017

PROJECT MANAGER: Stanton Foerster

COUNTRY CLUB ROAD/ESTATES PARKWAY INTERSECTION IMPROVEMENTS**PROJECT SUMMARY**

Fiscal Year	Project No.	Category	Project	Priority
2017-2018	5	Roadways	Country Club Road/Estates Parkway Intersection Improvements	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$350,000	Certificate of Obligation

PROJECT DESCRIPTION

Add a free right turn lane from eastbound Estates Parkway to southbound Country Club Road, and add a left turn lane from northbound Country Club Road to westbound Estates Parkway.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2020

PROJECT MANAGER: Stanton Foerster

WINNINGKOFF ROAD FROM THE REVERSE CURVE TO SNIDER LANE

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2017-2018	6	Roadways	Winningkoff Road from the Reverse Curve to Snider Lane	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,400,000	Certificates of Obligation

PROJECT DESCRIPTION

Reconstruct 0.55 miles of Winningkoff Road with a 24-foot concrete pavement and improve drainage.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2020

PROJECT MANAGER: Stanton Foerster

TRAILHEAD ON E. WINNINGKOFF ROAD

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2016-2021	7	Trails	Trailhead on E. Winningkoff Road	Desirable

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$240,000	\$131,000 City - \$109,000 Collin County Parks and Open Space Grant

PROJECT DESCRIPTION

Trailhead on E. Winningkoff Road will be constructed during this fiscal year. Trailhead provides parking for a number of vehicles and will contain a bulletin board or kiosk for trail information.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2018

PROJECT MANAGER:

MAINTENANCE OF MULTIPLE STREETS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2017-2018	8	Roadways	Maintenance of Multiple Streets	Necessary

FISCAL OVERVIEW

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

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2018

PROJECT MANAGER: Stanton Foerster

STINSON ROAD FROM PARKER ROAD TO BRISTOL PARK**PROJECT SUMMARY**

Fiscal Year	Project No.	Category	Project	Priority
2018-2019	9	Roadways	Stinson Road from Parker Road to Bristol Park	Necessary

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$2,267,000	Certificates of Obligation

PROJECT DESCRIPTION

This project extends from Parker Road (FM 2514) to south of the Muddy Creek Bridge, and it is about a mile long. It does not include the Muddy Creek Bridge. This is a straight and flat roadway with only one planned four-way intersection at Highland Drive. The pavement will be 24 feet of concrete, 28 feet of asphalt, or a combination of both.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2020

PROJECT MANAGER: Stanton Foerster

BLONDY JHUNE ROAD RECONSTRUCTION

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2018-2019	10	Roadways	Blondy Jhune Road Reconstruction from the west bridge to Winningkoff Road	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$2,700,000	Certificates of Obligation

PROJECT DESCRIPTION

Blondy Jhune Road extending from Country Club Road on the west to Winningkoff Road on the east. This project starts 3,300 feet east of Country Club Road on the east side of the west Blondy Jhune Bridge currently under construction. The pavement will be 24 feet of concrete, 28 feet of asphalt, or a combination of both. High priority will be given to protect the tree canopy along the roadway. The project length is about a mile long.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2020

PROJECT MANAGER: Stanton Foerster

**A) TRAIL AT PARKER ROAD
B) TRAIL AT E. WINNINGKOFF ROAD**

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2016-2021	11	Trails	A) Trail at Parker Road B) Trail at E. Winningkoff Road	Desirable

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$80,000	\$16,000 City - \$64,000 Texas Parks and Wildlife Grant

PROJECT DESCRIPTION

Trail will be constructed from W. Lucas Road to Parker Road and from E. Winningkoff Road to Trinity Trail. Few of the important steps that will be carried out during construction are staking of trail route, removal of rocks, trees and bushes, removal and clearance of vegetation and grading the trail bed on slopes etc.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

PROJECT MANAGER:

MAINTENANCE OF MULTIPLE STREETS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2018-2019	12	Roadways	Maintenance of Multiple Streets	Routine

FISCAL OVERVIEW

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

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2019

PROJECT MANAGER: Stanton Foerster

STINSON ROAD FROM BENTWATER DRIVE TO THE REVERSE CURVE				
Fiscal Year	Project No.	Category	Project	Priority
2019-2020	13	Roadways	Stinson Road from Bentwater Drive to the Reverse Curve	High
FISCAL OVERVIEW				
Estimated Cost		Source of Funding		
\$2,000,000		Certificate of Obligation		
PROJECT DESCRIPTION				
This project extends from north of the Muddy Creek Bridge for about 0.66 miles to the reverse curve at 405 Stinson Road. It does not include the Muddy Creek Bridge. This is a straight and flat roadway with no planned four-way intersections. The pavement will be 24 feet of concrete, 28 feet of as asphalt, or a combination of both.				
PROJECT SCHEDULE				
Project Begin Year			Project Completion Year	
2019			2021	
PROJECT MANAGER: Stanton Foerster				

MAINTENANCE OF MULTIPLE STREETS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2019-2020	14	Roadways	Maintenance of Multiple Streets	Routine

FISCAL OVERVIEW

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

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2020	2020

PROJECT MANAGER: Stanton Foerster

WINNINGKOFF ROAD (SOUTH PORTION)

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2020-2021	15	Roadways	Winningkoff Road from E. Lucas Road to the Reverse Curve	High

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,900,000	Certificate of Obligation

PROJECT DESCRIPTION

South portion of Winningkoff Road, which extends from E. Lucas Road on the south to the beginning of Winningkoff Road reverse curve on the north. The project length is about 0.6 miles and pavement width has not been determined. A new culvert 800 feet north of E. Lucas Road will be part of this project.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2020	2022

PROJECT MANAGER: Stanton Foerster

MAINTENANCE OF MULTIPLE STREETS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2020-2021	16	Roadways	Maintenance of Multiple Streets	Routine

FISCAL OVERVIEW

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

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2021	2021

PROJECT MANAGER: Stanton Foerster

- A) TRAIL ALONG ESTATES PARKWAY
- B) TRAIL ALONG ALLISON LANE
- C) TRAIL ALONG W. LUCAS ROAD
- D) TRAIL ALONG STINSON ROAD
- E) TRAIL ALONG POWERLINE AND FLOODPLAIN

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2021-2026	17	Trails	A) Trail along Estates Parkway B) Trail along Allison Lane C) Trail along W. Lucas Road D) Trail along Stinson Road E) Trail along Powerline and Floodplain	Desirable

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$40,000	City and State Grants

PROJECT DESCRIPTION

Trail will be constructed at multiple locations in Lucas. The routes planned for the trail includes from Estates Parkway to Country Club Road, trail along the W. Lucas Road, from W Lucas Road along Allison Lane to Estates Parkway. Trails on the southern part of Lucas include the trail along the power line and the flood plain and trail from powerline to north along Stinson Road. Few of the important steps that will be carried out during construction are staking of trail route, removal of rocks, trees and bushes, removal and clearance of vegetation and grading the trail bed on slopes.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2025	2026

PROJECT MANAGER:

**A) TRAIL ALONG BLONDY JHUNE ROAD
B) TRAIL FROM WINNINGKOFF ROAD TO TRINITY TRAIL**

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2021-2026	18	Trails	A) Trail along Blondy Jhune Road B) Trail from Winningkoff Road to Trinity Trail	Desirable

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$200,000	City and State Grants

PROJECT DESCRIPTION

Trail will be constructed from Country Club Road to Winningkoff Road along Blondy Jhune Road, and from Winningkoff Road to Trinity Trail along the flood plain. Few of the important steps that will be carried out during construction are staking of trail route, removal of rocks, trees and bushes, removal and clearance of vegetation and grading the trail bed on slopes etc. Bridges over creeks may be required.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2025	2026

PROJECT MANAGER:

**TRAILHEAD NEAR THE INTERSECTION
OF SOUTHVIEW DRIVE AND OSAGE LANE**

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2021-2026	19	Trails	Trailhead near the intersection of Southview Drive and Osage Lane	Desirable

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$264,000	City and Collin County Grants

PROJECT DESCRIPTION

Trailhead near the intersection of Southview Drive and Osage Lane will be constructed during the fiscal year. Trailhead provides parking for a number of vehicles and will contain a bulletin board or kiosk for trail information.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2025	2026

PROJECT MANAGER:

MAINTENANCE OF MULTIPLE STREETS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2021-2026	20	Roadways	Maintenance of Multiple Streets	Necessary

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$787,500 (per year)	City – General Fund

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2021-2025	2022-2026

PROJECT MANAGER: Stanton Foerster

MAINTENANCE OF MULTIPLE ROADWAYS

PROJECT SUMMARY

Fiscal Year	Project No.	Category	Project	Priority
2026-2031	21	Roadways	Maintenance of Multiple Roadways	Necessary

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$826,875 (per year)	City – General Fund

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2026-2030	2027-2031

PROJECT MANAGER:

CIP Water System Project List (2016 – 2030)

**CIP Water System Project List
2016 – 2020**

City of Lucas Water System Capital Improvement Plan Projects		
<i>These numbers were estimated and generated by BW2 Engineers in September 2016</i>		
FY 2016-2017		
Engineering Priority	Project	Estimated 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: 21-8210-490-125 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: 21-8210-490-125 Begin in 2016 -- Complete in 2018	\$ 201,000
5A	System Pressure Reducing Valves (PRVs) -- These PRVs are needed when the lower pressure plane is eliminated. Funding Source: 21-8210-490-125 Begin in 2017 -- Complete in 2020	\$ 120,000
6	25 Dead End Waterline Automatic Flushing Valves (AFVs) and loop dead end lines -- 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 2017	\$ 400,000

7A	Automatic Meter Reading (AMR) System with New Water Meters Funding Source: 21-8210-490-104 Begin in 2017 -- Complete in 2020	\$ 250,000
FY 2016-2017 Subtotal		\$ 1,178,004
FY 2017-2018		
Engineering Priority	Project	Estimated 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: 21-8210-490-120 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: 21-8210-490-122 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: 21-8210-490-125 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: 21-8210-490-125 Begin in 2016 -- Complete in 2018	\$ 1,295,880
5B	System Pressure Reducing Valves (PRVs) -- These PRVs are needed when the lower pressure plane is eliminated. Funding Source: 21-8210-490-125 Begin in 2017 -- Complete in 2020	\$ 120,000
7B	Automatic Meter Reading (AMR) System with New Water Meters Funding Source: 21-8210-490-104 Begin in 2017 -- Complete in 2020	\$ 250,000
8A	Loop Dead End Lines -- The location to be determined. Funding Source: TBD Begin in 2016 -- Complete in 2020	\$ 100,000
FY 2017-2018 Subtotal		\$ 2,275,154
FY 2018-2019		
Engineering Priority	Project	Estimated Cost

7C	Automatic Meter Reading (AMR) System with New Water Meters Funding Source: 21-8210-490-104 Begin in 2017 -- Complete in 2020	\$ 248,785
8B	Loop Dead End Lines -- The location to be determined. Funding Source: TBD Begin in 2016 -- Complete in 2020	\$ 100,000
9	Restore aging, existing pumps at the North Pump Station Funding Source: 21-8210-490-125 Begin in 2018 -- Complete in 2019	\$ 153,821
10	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 three residential properties: Waxler, McCreery, and Craft. When the properties along Parker Road develop, the four-inch line would be replaced by the developer with a 12-inch line. Funding Source: 21-8210-490-126 Begin in 2018 -- Complete in 2019	\$ 132,919
11	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: 21-8210-490-125 Begin in 2018 -- Complete in 2019	\$ 432,575
12	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	\$ 432,165
13	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
14	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 2018-2019 Subtotal		\$ 2,185,570
FY 2019-2020		

Engineering Priority	Project	Estimated Cost
8C	Loop Dead End Lines -- The location to be determined. Funding Source: TBD Begin in 2016 -- Complete in 2020	\$ 100,000
15	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
16	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
17	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
18	Manor Lane Eight-Inch Waterline -- This will eliminate an 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
19	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
20	Repaint 200,000 Gallon McGarity Ground Storage Tank Funding Source: TBD Begin in 2019 -- Complete in 2020	\$ 150,150
21	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
22	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
FY 2019-2020 Subtotal		\$ 2,361,276

FY 2016-2020 Total	\$ 8,500,004
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FY 2021 to 2025		Estimated Cost
8D	Loop Dead End Lines	\$ 500,000
23	950,000 Gallon McGarity Ground Storage Tank	\$1,279,093
224	Shiloh Dr/Toole Dr 6-Inch and Braehurn 8-Inch (Dead End Fix)	\$ 190,546
25	Parker Rd 12-Inch Phase 3 from Santa Fe Trl to Stinson Rd	\$ 353,184
26	Fairbrook Cr 8-Inch (Dead End Fix)	\$ 256,453
27	Lewis Ln/Shepherds Creek Dr/Green Acres Ln 8-Inch	\$ 300,113
28	Angel Pkwy/McGarity Ln/Estates Pkwy 8-Inch and 12-Inch	\$ 425,539
29	Ingram Ln/McGarity Ln/W Lucas Rd 6-Inch and 12-Inch	\$ 836,217
30	Estates Rd 8-Inch	\$ 232,014
31	Chisholm Trl/Caman Park Dr and Turnberry Ln/Highland Dr 8-Inch (Dead End Fixes)	\$ 322,203
32	Stinson Rd/Enchanted Wy 8-Inch	\$ 142,278
33	Stinson Rd/E Lucas Rd 8-Inch	\$ 147,827
34	Rock Creek Estates 6-Inch	\$ 175,610
35	Stinson Rd 12-Inch Connector	\$ 39,189
36	Repaint 750,000 Gallon N Pump Station Ground Storage Tank	\$ 409,303
37	Repaint 350,000 Gallon McGarity Ground Storage Tank	\$ 228,690
38	Parker Rd 12-Inch Phase 1-2, Parker Rd to Brookhaven Dr 8-Inch	\$ 835,239
39	Loop Dead End Waterlines	\$ 400,000
	2021 to 2025 Total	\$6,573,498
FY 2026 to 2030		
40	500,000 Gallon McGarity Water Tower	\$1,372,140
41	Rock Ridge Rd 12-Inch from Fairbrook Cr to Exchange Pkwy	\$ 224,712
42	Lakeview Downs and Trinity Park 6-Inch 8-Inch Loop	\$1,135,688
43	Forest Grove Rd/Horseman Dr/Orr Rd 6-Inch and 8-Inch	\$ 867,422
44	Orr Rd (North) 8-Inch	\$ 426,327
45	PR 5252 6-Inch	\$ 93,486
46	Repaint 500,000 Gallon N Pump Station Ground Storage Tank	\$ 297,124
	2026 to 2030 Total	\$4,416,899
	2016 to 2030 Grand Total	\$19,490,401

**PARKER ROAD PHASE 1 – SECTION 1
12-INCH WATER LINE**

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2016-2017	1	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. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$11,500.00	\$11,500
Traffic Control/ Construction Signing	1	\$3,000.00	\$3,000
Erosion Control	1	\$5,000.00	\$5,000
Trench Safety	2,115	\$1.50	\$3,173
Furnish & install 12" PVC, including Class "B" embedment	2,100	\$60.00	\$126,000
Furnish & install 12" PVC, by bore and jacking	25	\$320.00	\$8,000
Furnish & install 8" PVC, including Class "B" embedment	15	\$42.00	\$630
Furnish & install 8" PVC, by bore and jacking	25	\$280.00	\$7,000
Furnish & install 12" Bend	1	\$8,000.00	\$8,000
Furnish & install 8" Bend	1	\$800.00	\$800
Furnish & install 12" Tee	4	\$1,200.00	\$4,800
Furnish & install 12" Valve	5	\$1,500.00	\$7,500
Furnish & install 8" Valve	1	\$500.00	\$500
Furnish & install 12"x8" Reducer	1	\$1,200.00	\$1,200
Furnish & install Fire Hydrant, lead and 6" valve	3	\$4,000.00	\$12,000
Connections to Existing Water Lines	1	\$8,000.00	\$8,000
Cut and Plug Existing Water Lines	1	\$2,000.00	\$2,000
Remove Existing Fire Hydrant and Return to City	2	\$500.00	\$1,000
Furnish & install Water Service Connection	16	\$1,500.00	\$24,000
Block Sod	500	\$7.00	\$3,500
Seeding	3,000	\$1.25	\$3,750
Construction Contingency (10%)	1	\$24,135.25	\$24,135
Engineering/Surveying Services (10%)	1	\$26,548.78	\$26,549
	Total:		\$292,037

PARKER ROAD EIGHT-INCH WATER LINE

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2016-2017	2	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. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$12,850.00	\$12,850
Traffic Control/ Construction Signing	1	\$2,000.00	\$2,000
Erosion Control	1	\$4,000.00	\$4,000
Trench Safety	3,500	\$1.50	\$5,250
Furnish & install 8" PVC, including Class "B" embedment	3,500	\$42.00	\$147,000
Furnish & install 8" PVC, by bore and jacking	80	\$280.00	\$22,400
Furnish & install 8" PVC, by wet bore	100	\$90.00	\$9,000
Furnish & install 8" PVC Creek Crossing, by bore and jacking	50	\$330.00	\$16,500
Furnish & install 8" Bend	1	\$4,050.00	\$4,050
Furnish & install 8" Valve	4	\$500.00	\$2,000
Furnish & install Fire Hydrant, including lead and 6" valve	4	\$4,000.00	\$16,000
Connections to Existing Water Lines	1	\$4,000.00	\$4,000
Block Sod	2,500	\$7.00	\$17,500
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 EIGHT-INCH WATER LINE CONNECTION

PROJECT SUMMARY

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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
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 WATER TOWER AT NORTH PUMP STATION

PROJECT SUMMARY

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

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,496,880	21-8210-490-125

PROJECT DESCRIPTION

This will allow for the elimination of the lower pressure plane.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2018

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
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

SYSTEM PRESSURE REDUCING VALVES

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2017-2020	5	Water	System pressure reducing valves

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$240,000	21-8210-490-125

PROJECT DESCRIPTION

These PRVs are needed when the lower pressure plane is eliminated.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2020

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Furnish and Install Residential Pressure Reducing Valve	1,200	\$200.00	\$240,000
	Total:		\$240,000

DEAD END WATER LINE AUTOMATIC FLUSHING VALVES

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2016-2018	6	Water	Dead end water line automatic flushing valves and loops

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$100,000	21-8210-490-123

PROJECT DESCRIPTION

The location of these AFVs will be installed where looping of the waterlines is not practical.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2016	2016

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Furnish and Install Automatic Flushing Valve	25	\$4,000.00	\$60,000
Install dead end loops at locations to be determined			\$340,000
	Total:		\$400,000

AMR SYSTEM WITH NEW WATER METERS

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2017-2020	7	Water	AMR System with new water meters

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$1,182,430	21-8210-490-104

PROJECT DESCRIPTION

AMR System with new water meters

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2020

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Furnish and Install AMR System	1	\$629,860	\$629,860
Annual Hosting and Maintenance Costs	5	\$23,785	\$118,925
	Total:		\$748,785

LOOP DEAD END WATER LINES

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2016-2018	8	Water	Loop dead end water lines

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$800,000	TBD

PROJECT DESCRIPTION

The location of these AFVs will be installed where looping of the waterlines is not practical.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2017	2022

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Install dead end loops at locations to be determined			\$800,000
	Total:		\$800,000

RESTORE AGING EXISTING PUMPS AT NORTH PUMP STATION

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	9	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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
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 Priority No.	Category	Project
2018-2019	10	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 three residential properties: Waxler, McCreery, and Craft. 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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
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 PUMPS AT NORTH PUMP STATION			
PROJECT SUMMARY			
Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	11	Water	Pump Station with three 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	
PROJECT DETAILS:			
Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$17,000.00	\$17,000
Erosion Control	1	\$3,000.00	\$3,000
Furnish & install Pumps	3	\$20,000.00	\$60,000
Furnish & construct Pump Building	1	\$120,000.00	\$120,000
Furnish & install Pipes and Valves	1	\$50,000.00	\$50,000
Furnish & install Electrical	1	\$100,000.00	\$100,000
Site Work	1	\$5,000.00	\$5,000
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**

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	12	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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds and Insurance	1	\$17,250.00	\$17,250
All Traffic Control, Barricading and Signing Measures	1	\$7,500.00	\$7,500
Temporary erosion control	1	\$8,500.00	\$8,500
Cut and Plug Existing 2" Water Line	3	\$450.00	\$1,350
Cut and Plug Existing 8" Water Line	1	\$500.00	\$500
Furnish and Install Trench Safety system	4550	\$1.75	\$7,963
Cut Out and Remove Existing 8" Water Line as needed	1	\$2,250.00	\$2,250
Cut Out and Remove Existing Reducer and 2" Water Line	3	\$1,500.00	\$4,500
Connect to Existing 6" Water Line	1	\$500.00	\$500
Furnish and Install 6" 11.25 Degree Bend	4	\$675.00	\$2,700
Furnish and Install 6" 90 Degree Bend	7	\$650.00	\$4,550
Furnish and Install 6"x6" Tee	1	\$1,000.00	\$1,000
Furnish and Install 6" Gate Valve	4	\$1,500.00	\$6,000
Furnish and Install Fire Hydrant, Valve and Riser	4	\$3,750.00	\$15,000
Furnish and Install 6" waterline w/Class "B" Embedment	4550	\$ 45.00	\$204,750
Furnish & Install 6" DR-18 w/14" Steel by Boring and Jacking	180	\$ 275.00	\$49,500
Furnish and Install Long Service Water Line	1	\$ 1,250.00	\$1,250
Furnish and Install Short Service Water Line	8	\$ 800.00	\$6,400
Furnish and Install Service Line Over 250 LF	2	\$ 5,000.00	\$10,000
Furnish and Place Block Sodding	1150	\$ 7.00	\$8,050
Furnish and Place Grass Seed	2500	\$ 1.25	\$3,125
Construction Contingency (10%)	1	\$36,263.75	\$36,264
Engineering/Surveying/Geotechnical Services (10%)	1	\$36,263.75	\$36,264
Total:			\$432,165

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

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	13	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

PROJECT DETAILS:

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 Bend Trail Subtotal:		\$28,096
	Project Subtotal:		\$94,608
Construction Contingency (10%)	1	\$9,461.00	\$9,461
Engineering/Surveying/Geotechnical Services (10%)	1	\$9,461.00	\$9,461
	Total:		\$113,530

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

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2018-2019	14	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

PROJECT DETAILS:

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

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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$23,500.00	\$23,500
Traffic Control/ Construction Signing	1	\$6,500.00	\$6,500
Erosion Control	1	\$15,000.00	\$15,000
Trench Safety	6,075	\$1.50	\$9,113
Furnish & install 8" PVC, including Class "B" embedment	6,075	\$42.00	\$255,150
Furnish & install 8" PVC, by bore and jacking	80	\$280.00	\$22,400
Furnish & install 8" PVC Creek Crossing, by bore and jacking	50	\$330.00	\$16,500
Furnish & install 8" PVC, by wet bore	270	\$90.00	\$24,300
Furnish & install 8" Bend	1	\$3,150.00	\$3,150
Furnish & install 8" Tee	1	\$900.00	\$900
Furnish & install 8" Valve	7	\$500.00	\$3,500
Furnish & install Fire Hydrant, including lead and 6" valve	13	\$4,000.00	\$52,000
Connections to Existing Water Lines	1	\$4,000.00	\$4,000
Cut and Plug Existing Water Lines	1	\$2,225.00	\$2,225
Furnish & install Water Service Connection	20	\$1,500.00	\$30,000
Remove Existing Fire Hydrant and Return to City	1	\$500.00	\$500
Block Sod	1,000	\$7.00	\$7,000
Seeding	12,500	\$1.25	\$15,625
Construction Contingency (10%)	1	\$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	16	Water	Glencove Circle/Crestview Circle 6-inch water line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$224,255	TBD

PROJECT DESCRIPTION

This 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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$9,000.00	\$9,000
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$5,100.00	\$5,100
Trench Safety	1,965	\$1.50	\$2,948
Furnish & install 6" PVC, including Class "B" embedment	1,965	\$35.00	\$68,775
Furnish & install 6" PVC, by bore and jacking	40	\$260.00	\$10,400
Furnish & install 6" PVC, by wet bore	180	\$75.00	\$13,500
Furnish & install 6" Bend	1	\$2,500.00	\$2,500
Furnish & install 6" Valve	2	\$400.00	\$800
Furnish & install Fire Hydrant, including lead and 6" valve	4	\$4,000.00	\$16,000
Connections to Existing Water Lines	1	\$7,750.00	\$7,750
Cut and Plug Existing Water Lines	1	\$4,000.00	\$4,000
Furnish & install Water Service Connection	14	\$1,500.00	\$21,000
Block Sod	3,000	\$7.00	\$21,000
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:		\$224,255

HICKORY HILL 8 INCH WATER LINE LOOP

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2019-2020	17	Water	Hickory Hill 8-inch water line loop

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$226,383	TBD

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$9,000.00	\$9,000
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$5,300.00	\$5,300
Trench Safety	2,120	\$1.50	\$3,180
Furnish & install 8" PVC, including Class "B" embedment	2,120	\$42.00	\$89,040
Furnish & install 8" PVC, by bore and jacking	40	\$280.00	\$11,200
Furnish & install 8" PVC, by wet bore	100	\$90.00	\$9,000
Furnish & install 8" Bend	1	\$1,500.00	\$1,500
Furnish & install 8" Valve	3	\$500.00	\$1,500
Connections to Existing Water Lines	1	\$5,000.00	\$5,000
Furnish & install Fire Hydrant, including lead and 6" valve	2	\$4,000.00	\$8,000
Cut and Plug Existing Water Lines	1	\$1,800.00	\$1,800
Furnish & install Water Service Connection	12	\$1,500.00	\$18,000
Remove Existing Fire Hydrant and Return to City	2	\$500.00	\$1,000
Block Sod	3,015	\$7.00	\$21,105
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

Fiscal Year	Engineering Priority No.	Category	Project
2019-2020	18	Water	Manor Lane 8-inch replacement water line

FISCAL OVERVIEW

Estimated Cost	Source of Funding
\$313,951	TBD

PROJECT DESCRIPTION

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

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$12,500.00	\$12,500
Traffic Control/ Construction Signing	1	\$3,150.00	\$3,150
Erosion Control	1	\$7,500.00	\$7,500
Trench Safety	3,010	\$1.50	\$4,515
Furnish & install 8" PVC, including Class "B" embedment	3,010	\$42.00	\$126,420
Furnish & install 8" PVC, by bore and jacking	40	\$280.00	\$11,200
Furnish & install 8" PVC, by wet bore	115	\$90.00	\$10,350
Furnish & install 8" Bend	1	\$1,500.00	\$1,500
Furnish & install 8" Valve	3	\$500.00	\$1,500
Connections to Existing Water Lines	1	\$6,250.00	\$6,250
Furnish & install Fire Hydrant, including lead and 6" valve	6	\$4,000.00	\$24,000
Cut and Plug Existing Water Lines	1	\$2,000.00	\$2,000
Furnish & install Water Service Connection	6	\$1,500.00	\$9,000
Remove Existing Fire Hydrant and Return to City	5	\$500.00	\$2,500
Block Sod	5,025	\$7.00	\$35,175
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**

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2019-2020	19	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

PROJECT DETAILS:

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

PROJECT SUMMARY

Fiscal Year	Engineering Priority No.	Category	Project
2019-2020	20	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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$8,000.00	\$8,000
Repaint existing 200,000-gallon ground storage tank	1	\$120,000.00	\$120,000
Disinfect Tank	1	\$2,000.00	\$2,000
Construction Contingency (10%)	1	\$13,000.00	\$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	21	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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$8,000.00	\$8,000
Traffic Control/ Construction Signing	1	\$500.00	\$500
Erosion Control	1	\$1,400.00	\$1,400
Trench Safety	3,235	\$1.50	\$4,853
Furnish & install 8" PVC, including Class "B" embedment	3,235	\$42.00	\$135,870
Furnish & install Fire Hydrant, including lead and 6" valve	1	\$4,000.00	\$4,000
Connections to Existing Water Lines	1	\$3,500.00	\$3,500
Block Sod	150	\$7.00	\$1,050
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	22	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

PROJECT DETAILS:

Description	Est. Quantity	Unit Cost	Cost
Mobilization, Bonds, Insurance	1	\$2,250.00	\$2,250
Traffic Control/ Construction Signing	1	\$1,000.00	\$1,000
Erosion Control	1	\$1,800.00	\$1,800
Trench Safety	770	\$1.50	\$1,155
Furnish & install 8" PVC, including Class "B" embedment	770	\$42.00	\$32,340
Furnish & install 8" Bend	1	\$750.00	\$750
Connections to Existing Water Lines	1	\$5,500.00	\$5,500
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

<u>Notes:</u>	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.



City of Lucas Council Agenda Request May 4, 2017

Item No. 07

Requester: Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster

Agenda Item:

Discuss drainage solutions and flows east of Angel Parkway, south of McGarity Lane, and north of W. Lucas Road.

Background Information:

Joe Hilbourn, Engineering Technician Adam Gerster, and Stanton Foerster had previously visited the site several times before the City Council on April 6, 2017, meeting to review construction activities. They did not know that the Collin County Sherriff had been called by the Ahmadi family. The Sherriff was called before any concerns were raised with the City.

On Monday, April 3, 2017, the contractor was told to use a filter if a pump was being used. The use of a pump is allowed. During many visits since Monday, April 3, 2017 by City Staff members; none have seen a pump in use. The contractor has been told to make sure all of his stormwater pollution prevention plan (SWPPP) is in place and to repair any SWPPP items that are damaged.

About 50 acres from private properties within the Cities of Allen and Lucas drain through the culverts under the driveway north and south of the Ahmadi's gate, and only seven acres of water is from the storage unit development. Most of the water flowing under the driveway and on into yards of the folks that live on Pennington Drive (Fox Glen Addition subdivision) comes from the undeveloped farm land north of the storage units and a subdivision in Allen.

In 2006, there appears to have been no effort to deal with the drainage flowing through Fox Glen from west of Angel Parkway in Allen and southwest of Fox Glen. The area southwest of Fox Glen was a farmer's field, and now that farmer's field contains the storage unit development, Kwik Kar, and Murphy Oil. The property in the southwest corner of Fox Glen (405 Pennington Drive) does not have a drainage easement across it, and it should. There is a possibility that the drainage easement was acquired under separate instrument, but this would be highly unlikely. There is a small detention area in the southeast corner of Fox Glen for Fox Glen and land west of the neighborhood.

The detention area/pond is woefully insufficient to handle the flow from the farmer's field. The developments west of Angel Parkway in Allen and in the farmer's field north of Walmart would have been sent through the Ahmadi property and not Fox Glen if all had developed in 2006. Because of the farmer's activities, the natural flow has shifted north from 1) directly into the Ahmadi property to 2) north into Fox Glen. The drainage from both of these areas meet 100 to 200 feet east of Fox Glen.



City of Lucas Council Agenda Request May 4, 2017

In early 2013 when the Kwik Kar was designed, there was an assumption that Kwik Kar and the rest of the farmer's field should drain through Fox Glen. Between 2006 and 2013, the farmer has been plowing and had moved the natural drainage swell north. Kwik Kar was required to build a detention pond. In 2016 when the storage unit design was taking place, what was on the ground was considered the natural flow. Steve Helmberger, PE, was the design engineer for the storage units. He has been asked by Stanton to review the outfall/discharge flow rate from the storage unit detention pond beyond what was approved in the construction plans to slow the water leaving the storage units towards Fox Glen and the Ahmadi property.

As development has taken place along Angel Parkway, Joe and Stanton have been asking for the developers' help since mid-2013. They have been asked to retain more water than what was required in an effort to improve the downstream condition.

The following is a timeline regarding drainage issues raised by Ben Ahmadi and his neighbors on Pennington Drive:

1. Before Monday April 3 – The Collin County Sherriff is called about the pumping of water from the storage unit construction site on to the Ahmadi property. This call took place before Monday, April 3, but the time and date of is not known to staff.
2. Saturday, April 1, 2017, 12:35 AM – Ben Ahmadi emails Stanton about drainage issues and the pumping of water from the storage development.
3. Monday, April 3, 2017, 9:37 AM – Stanton emails Mr. Ahmadi.
4. Monday, April 3, 2017, noonish – Stanton visits the site and meets with the contractor/developer.
5. Tuesday, April 4, 2017, 8:51 AM – Stanton emails Mr. Ahmadi about the Monday site visit. Stanton explains the actions that the City will be taking to correct the problem.
6. Wednesday, April 5, 2017, Mr. Senger (405 Pennington Drive) emails Stanton about the drainage issues and the pumping of water from the storage development. Mr. Senger and Stanton exchange emails on the 5th of April.
7. Wednesday, April 5, 2017, Mr. Khan (400 Pennington Drive) emails Stanton about the drainage issues.
8. Thursday, April 6, 2017, before noon -- Stanton visits site again to check on the progress of the improvements.
9. Thursday, April 6, 2017, Engineering Technician Adam Gerster visits the site to check on the progress of the improvements.
10. Thursday, April 6, 2017, The Ahmadis, et al, attend the City Council meeting.
11. Monday, April 10, 2017, after 1 PM -- Stanton visit site again to check on the progress of the improvements.
12. Monday, April 10, 2017, after 2:30 PM -- Stanton visit site again to check on the aftermath of a rainstorm.
13. Wednesday, April 12, 2017, Stanton visits site
14. Tuesday, April 18, 2017, Stanton visits site



City of Lucas Council Agenda Request May 4, 2017

Item No. 07

15. Thursday, April 20, 2017, Stanton visits site
16. Wednesday, April 12, 2017, Stanton visits site

Attachments/Supporting Documentation:

- a. Fox Glen Drainage 1999
- b. Fox Glen Drainage 2017
- c. Ahmadi Emails
- d. 1998 Drainage Policy

Budget/Financial Impact:

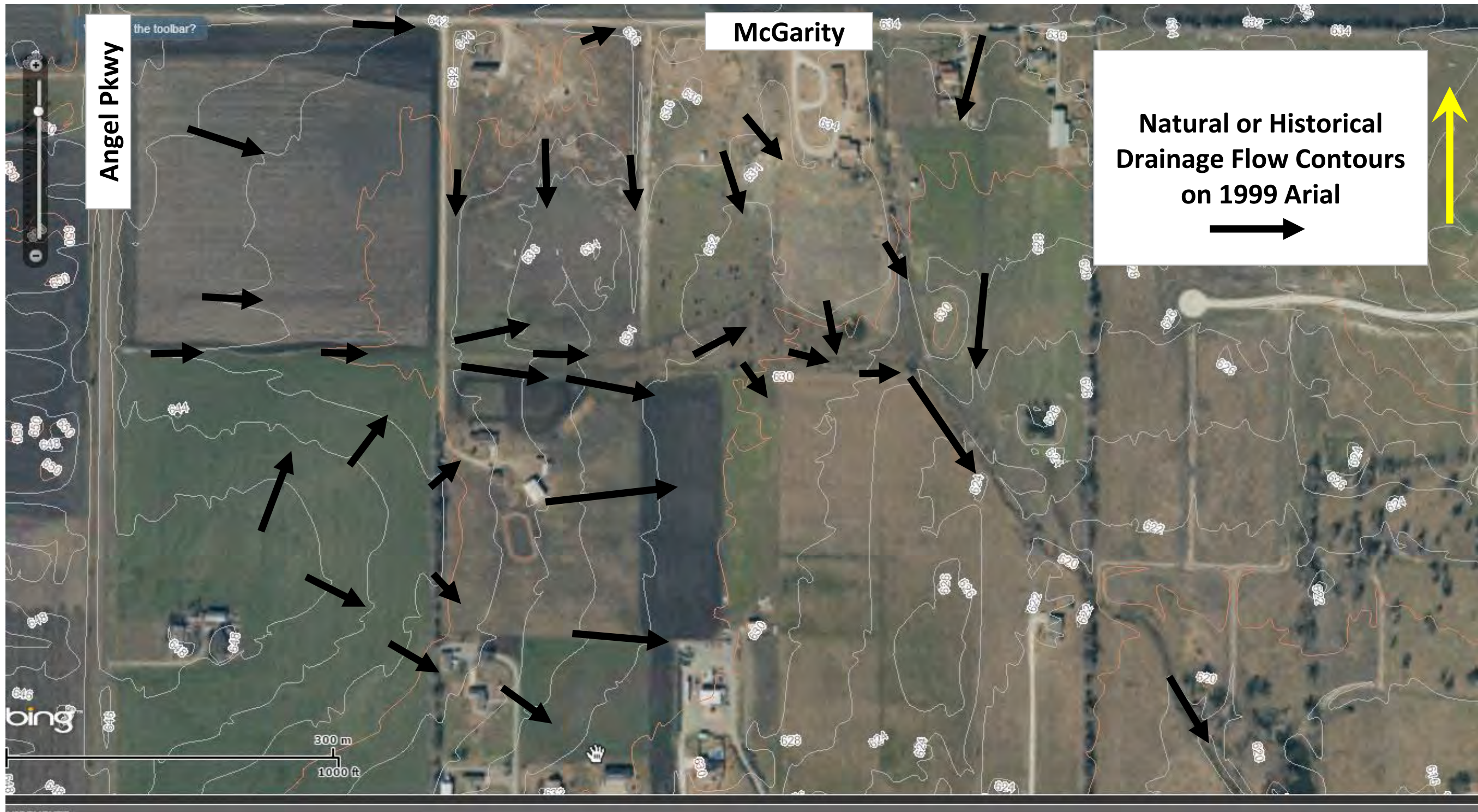
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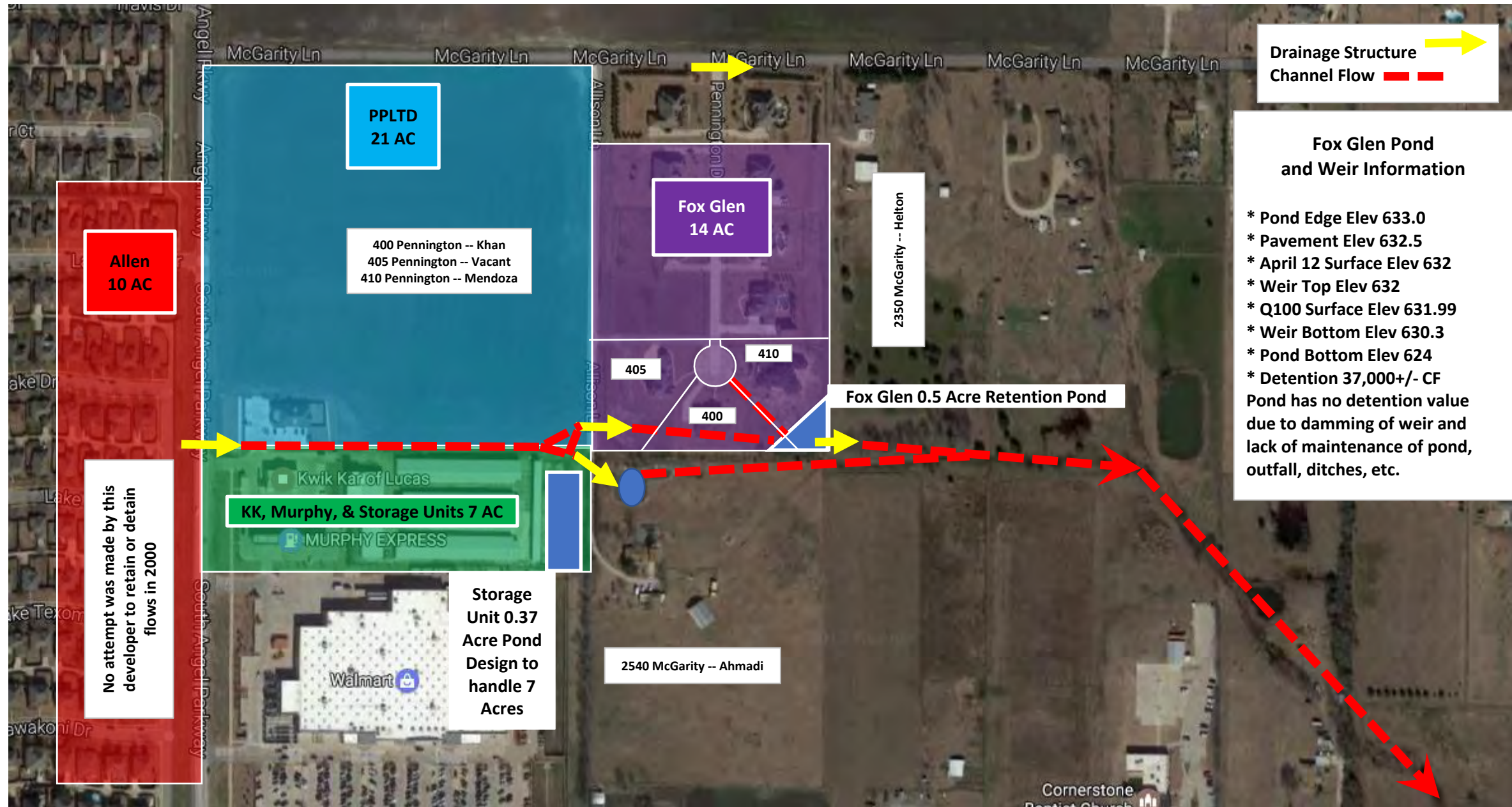
Recommendation:

NA

Motion:

NA





**Allen
10 AC**

No attempt was made by this developer to retain or detain flows in 2000

**PPLTD
21 AC**

400 Pennington -- Khan
405 Pennington -- Vacant
410 Pennington -- Mendoza

405
410
400

Fox Glen 0.5 Acre Retention Pond

KK, Murphy, & Storage Units 7 AC

Kwik Kar of Lucas
MURPHY EXPRESS

Storage Unit 0.37 Acre Pond Design to handle 7 Acres

2540 McGarity -- Ahmadi

2350 McGarity -- Helton

Drainage Structure →
Channel Flow - - -

Fox Glen Pond and Weir Information

- * Pond Edge Elev 633.0
- * Pavement Elev 632.5
- * April 12 Surface Elev 632
- * Weir Top Elev 632
- * Q100 Surface Elev 631.99
- * Weir Bottom Elev 630.3
- * Pond Bottom Elev 624
- * Detention 37,000+/- CF

Pond has no detention value due to damming of weir and lack of maintenance of pond, outfall, ditches, etc.

Cornerstone Baptist Church

Stanton Foerster

Subject: RE: Storage Facility

From: Ben Ahmadi
Sent: Tuesday, April 04, 2017 9:01 PM
To: Stanton Foerster <stanton@lucastexas.us>
Cc: Joe Hilbourn <JHilbourn@lucastexas.us>
Subject: Re: Storage Facility

Well if you claim that he is allowed to continue the illegal pumping of water onto others' properties, then I certainly hope that he has a hose long enough to reach yours.

From: Stanton Foerster <stanton@lucastexas.us>
To: Ben Ahmadi
Cc: Joe Hilbourn <JHilbourn@lucastexas.us>; Adam Gerster <agerster@lucastexas.us>
Sent: Tuesday, April 4, 2017 8:51 AM
Subject: RE: Storage Facility

Dear Mr. Ahmadi,

The site was visited yesterday. Our inspectors will inform the property owner about the trash from the construction site. The drainage structures are under construction. The contractor will most likely pump water from the detention pond to work on the flat work in the future. This will be allowed until the structures are operational. I saw no evidence of illegal redirections of runoff water. The contractor will be reminded of the importance maintenance of his Stormwater pollution prevention plan.

In one of your photos it appears if one of your culverts is clogged. You will need to clean it out to maintain proper drainage of the area.

Please let me know if the situation changes.

Stanton Foerster, PE
Public Works Director
City Engineer
City of Lucas, Texas
665 Country Club Road
Lucas, Texas 75002-7651
Direct 972-912-1208

From: Ben Ahmadi
Sent: Monday, April 03, 2017 9:57 PM
To: Stanton Foerster <stanton@lucastexas.us>; Stacy Henderson <shenderson@lucastexas.us>
Cc: Joe Hilbourn <JHilbourn@lucastexas.us>
Subject: Re: Storage Facility

Thank you for the prompt reply.

I'm hopeful that you had an opportunity to visit the site today; I'm confident that a brief inspection would have led you to the conclusion that firstly, the drainage still allows for water to flow and secondly, that any clogging of the drainage is a

result of months of their illegal redirection of water and their common littering (of which my family has documented photos of on many occasions).

Additionally, although I'm not an engineer, it is rather apparent that my farm 'drainage' was not designed for commercial-grade retention of water (nor to be a landfill for commercial-scale construction).

Furthermore, it is my understanding that if they don't have the proper drainage structures in place, that they should not be permitted to continue construction - or should they be allowed to flood others' properties for months without consequence?

From: Stanton Foerster <stanton@lucastexas.us>
To: Ben Ahmadi; Stacy Henderson <shenderson@lucastexas.us>
Cc: Joe Hilbourn <JHilbourn@lucastexas.us>
Sent: Monday, April 3, 2017 9:30 AM
Subject: RE: Storage Facility

Dear Ben Ahmadi,

Thank you for sending me photos. This helps a great deal. I will visit the site today. The storage place is under construction so they might not have all their drainage structures in place yet.

In one of your photos it appears if one of your culverts is clogged. You will need to clean it out to maintain proper drainage of the area.

Stanton Foerster, PE
Public Works Director
City Engineer
City of Lucas, Texas
665 Country Club Road
Lucas, Texas 75002-7651
Direct 972-912-1208

From: Ben Ahmadi
Sent: Friday, March 31, 2017 10:19 PM
To: Stacy Henderson <shenderson@lucastexas.us>; Stanton Foerster <stanton@lucastexas.us>
Subject: Storage Facility

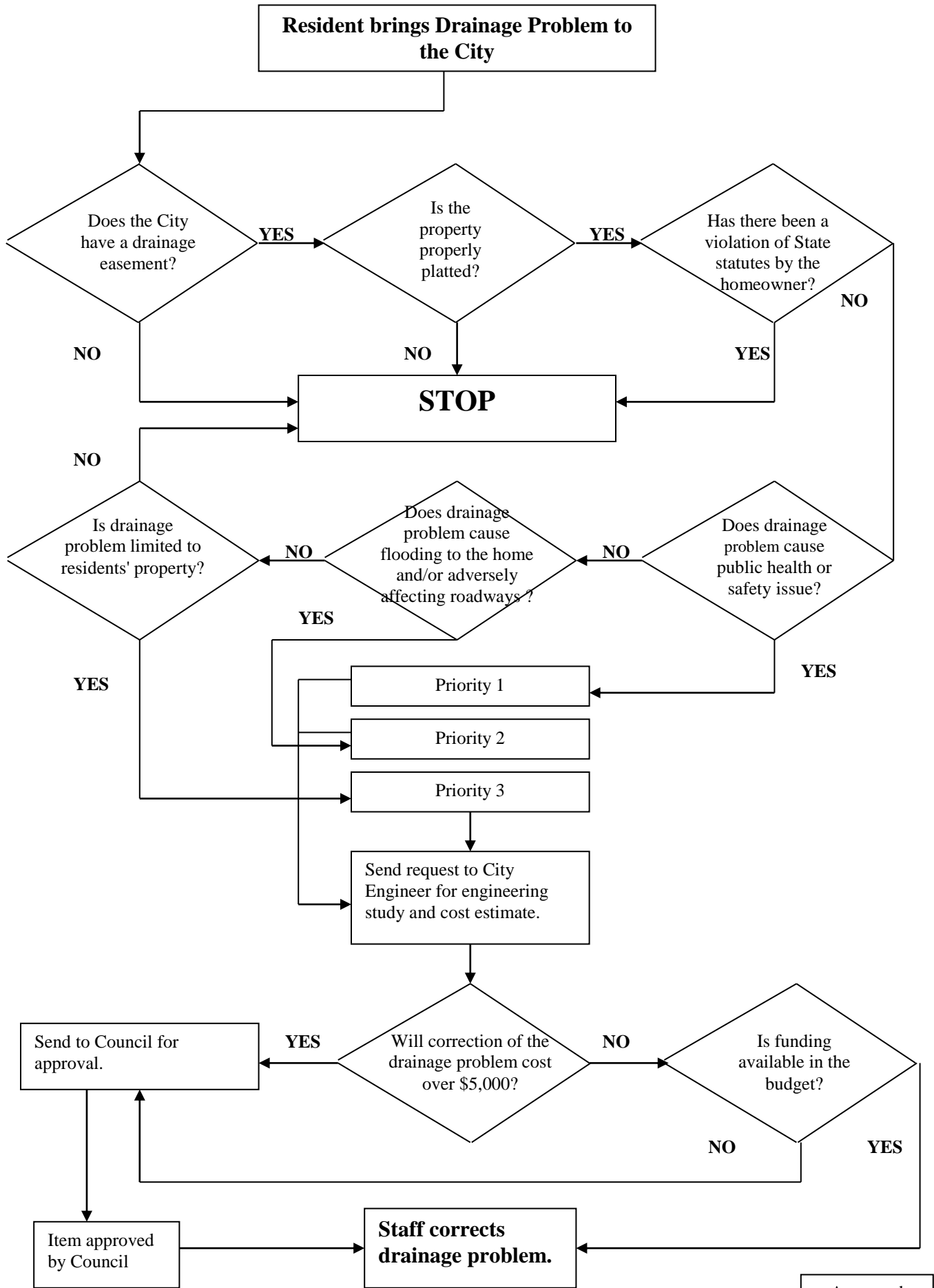
Good evening,

As you may recall from the Planning & Zoning meeting in February regarding the Storage Facility on Angel PKWY the owner has been purposefully pumping water (and allowing debris to fly) on to three properties that don't belong to him - one of which I am the owner and resident.

I've attached a photos that I took as an example of the illegal redirecting of water that the owner of this storage facility has committed on many occasions (I have additional photos and videos for many other days/occurrences as well).

If this email would be better addressed by another city staff member please forward this to him/her.

Thanks and have a great day.



Approved
9/8/98 Lucas
City Council



City of Lucas City Council Agenda Request May 4, 2017

Requester: Mayor Jim Olk

Agenda Item:

Discuss the City Council May meeting schedule, including holding the May 18, 2017 City Council meeting, and determine who will conduct the meeting in the absence of the Mayor and Mayor Pro Tem.

Background Information:

NA

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas City Council Agenda Request May 4, 2017

Item No. 09

Requester: Mayor Jim Olk

Agenda Item:

Consider setting a date for the City Council Strategic Planning session.

Background Information:

NA

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas Council Agenda Request May 4, 2017

Item No. 10

Requester: Councilmember Debbie Fisher

Agenda Item:

Update by City Manager Joni Clarke regarding the Scenic City Certification Program and provide guidance to staff regarding the City of Lucas participating in the Program.

Background Information:

The mission of the Scenic City Certification Program is to support and recognize Texas municipalities that implement high-quality scenic standards for public roadways and public spaces. The Scenic City Certification Program provides a proven, highly-regarded tool to Texas cities for assessment, evaluation, and recognition of infrastructure standards. Any Texas city may apply to the Scenic City Certification Program for an objective, points based review of existing municipal infrastructure ordinances. Every application receives a score sheet evaluation. Cities that score at the upper level and demonstrate a landscaping/tree planting program, on premise sign regulations, and prohibition of new billboards may earn Certified Scenic City designation.

Benefits of participation include:

- provides expert third-party evaluation of existing standards
- facilitates internal review and analysis of development plans
- serves as a platform to educate citizens on the impact of local regulations
- fosters community character and civic pride
- enhances economic development efforts

Staff participated in a telephone orientation and was advised of the application deadline of April 30, 2017. Staff requested a one week extension for the application submission which was granted.

Attachments/Supporting Documentation:

1. Minutes from the Parks and Open Space Board Minutes dated March 28, 2017 (item4)
2. Scenic City Certification Program 2017 Standards

Budget/Financial Impact:

The cost of the application is \$749.00 for all new applicant cities and certified scenic cities applying for a 5 year recertification.



**City of Lucas
Council Agenda Request
May 4, 2017**

Item No. 10

Recommendation:

NA

Motion:

NA



Parks and Open Space Board Meeting
March 28, 2017
7:00 p.m.
City Hall – 665 Country Club Road
Minutes

Call to Order

Chairman Rhoads called the meeting to order at 7:00 p.m.

Parks Board Members Present:

Chairman David Rhoads
Vice-Chairman Chris Vanhorn
Member Kenneth Patterson
Member Brenda Rizos
Alternate Member Joanne Doucet

Staff Present:

City Manager Joni Clarke
Development Services Director Joe Hilbourn
Executive Assistant/Special Projects
Coordinator Cathey Bonczar

Parks Board Members Absent:

Alternate Member Bill Esposito

City Council Liaison

Councilmember Tim Baney

Chairman Rhoads determined that a quorum was present and reminded all in attendance to silence their cell phones. The Board conducted the Pledge of Allegiance.

Regular Agenda

- 1. Consider approval of the minutes of the February 28, 2017 Parks and Open Space Board regular meeting.**

MOTION: *A motion was made by Ms. Rizos, seconded by Mr. Patterson to approve the minutes as presented. The motion passed unanimously by a 5 to 0 vote.*

- 2. Receive update regarding the East Winningkoff Trailhead project.**

Development Services Director Joe Hilbourn provided a project status summary. He noted that the grant had been received, and the restrooms had been ordered and are expected to be delivered in approximately six weeks. The remaining portions of the project were out to bid. Bids are due by April 12, 2017. \$129,000 was budgeted, and the expected completion date for the project is July 2017. The use of an easement received from NTMWD and the connection point to the trail were briefly discussed.

3. Discuss details of the Keep Lucas Beautiful (KLB) program to include:

- A. KLB affiliate status/annual report update
- B. KLB annual training requirements
- C. Keep Texas Beautiful Annual Conference
- D. KLB Cleanup event assignments

Executive Assistant/Special Projects Coordinator Cathey Bonczar informed the Parks Board that she had completed the training requirements for last year, and had filed the annual report as required to maintain the KLB affiliate status for this year. Ms. Bonczar stated she would be attending the Keep Texas Beautiful Annual Conference in San Antonio in June, and asked that the Board advise her of any specific educational sessions that they would like her to focus on while there.

Development Services Director Joe Hilbourn informed the Parks Board that there were currently 14 volunteers signed up for the cleanup event, and would like the Board to attend as well. Supplies including gloves, trash bags, and safety vests for the event had been ordered.

Mr. Patterson informed the Board that he had contacted the Dallas Cowboy organization and attempted to get an autographed picture of Dak Prescott that could be used as a give-away at the cleanup event. Based on how his request was received, he did not expect to receive the picture.

4. Discuss details of the City of Lucas participating in the Scenic City Certification Program.

Executive Assistant/Special Projects Coordinator Cathey Bonczar informed the Board that the City was applying for the Scenic City Certification. This was the first time the City had applied for this certification. The application is due by April 30. The Board discussed the differences between the KLB membership and the Scenic City Certification. City Manager Joni Clarke and Development Services Director Joe Hilbourn explained the merits of program and the benefits of going through the certification process.

5. Discuss and consider holding quarterly meetings of the Parks and Open Space Board.

Ms. Rizos presented a suggestion for meeting quarterly instead of monthly.

Board Members and City Staff discussed the role and responsibility of the Parks Board, and the relationship between the Board and the City. They reviewed areas where the Board could take on additional projects that are meaningful to the citizens, the possibility of assisting with writing grants, the importance of good communication between the Board and the City, and the Board taking a more active role in creating the agenda.

Chairman Rhoads thought quarterly meetings would be too infrequent for the Board to be effective.

Vice-Chairman Vanhorn suggested they refer to the project list from an earlier meeting, review and prioritize it, and pick one or two projects to work on.

Councilmember Baney suggested that the members view themselves as an advisory Board to Staff. He suggested the Board set an agenda item for their next meeting to discuss the project list. The Board could pick one or two projects from the list to work on and follow the plans from start to finish. This would drive agenda items and create focus for the meetings. The Board can bring project suggestions to staff at any time, and staff will evaluate the project for feasibility of implementation. He suggested the Board take a more active part in supporting Founders Day by having a booth at the event. This gives them the opportunity to let citizens know who they are and what they do, and to listen to citizens about what they would like to see happen.

The Board agreed that they should continue to meet monthly, and that suggestions for agenda items should go to Chairman Rhoads and Vice-Chairman Vanhorn for approval, and then forwarded to City Secretary Stacy Henderson.

City Manager Joni Clarke presented each board member with a copy of the ordinance outlining their goals and structure.

6. Adjournment.


MOTION: *A motion was made by Mr. Vanhorn, seconded by Mr. Patterson to adjourn the meeting at 8:24 pm. The motion passed unanimously by a 5 to 0 vote.*

APPROVE:



David Rhoads, Chairman

ATTEST:



Stacy Henderson, City Secretary





Scenic City
CERTIFICATION PROGRAM

2017 Standards

Applications accepted

January 1-March 31

A Program of *Scenic* Texas
and its Program Partners

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About Us

The **Scenic City Certification Program** supports and recognizes Texas municipalities that implement high-quality scenic standards for public roadways and public spaces, with the long-term goal of improving the image of all cities.

The Scenic City Certification Program was created in 2010 by Scenic Texas and its statewide Program Partners after discovering that the success of a city's economic development efforts is directly linked with its public spaces' visual appearance. To date, 66 Texas cities have earned certification.

Contact Information

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Executive Vice President, Scenic Texas
President, Scenic Houston
anne@sceniccitycertification.org
713-979-4374

Program Partners



North Central Texas
Council of Governments



TEXAS HISTORICAL COMMISSION
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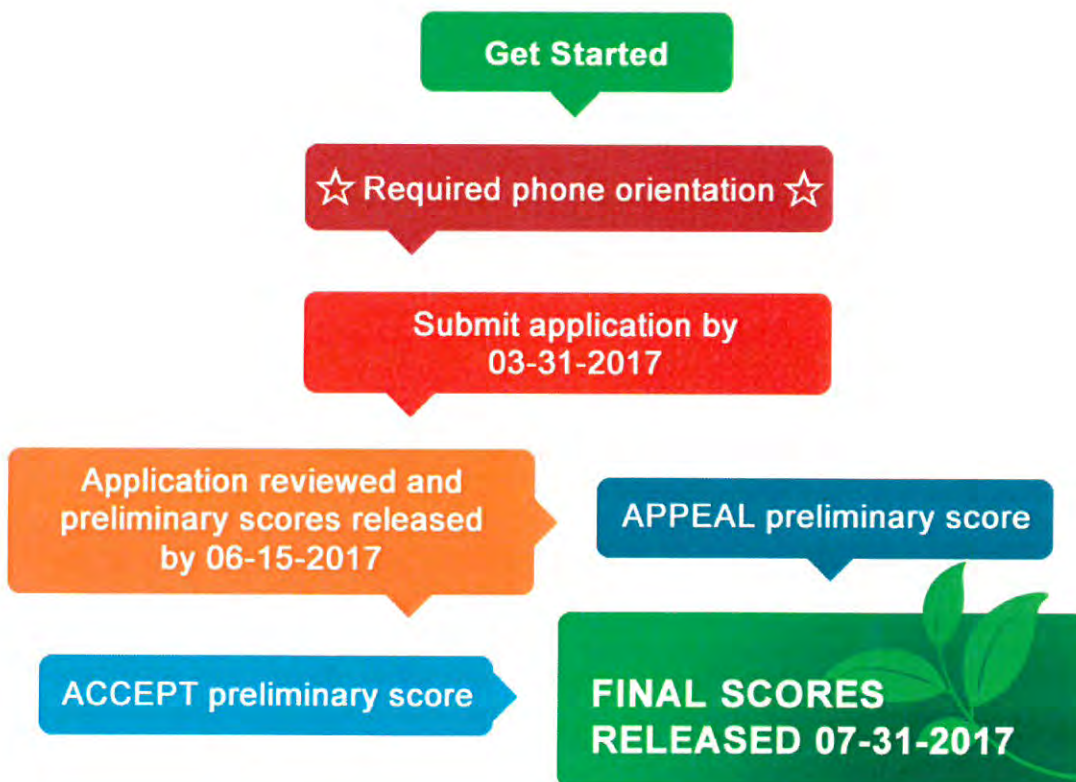
Benefits of Scenic City Certification

The benefits of applying for Scenic City Certification are numerous. Benefits include:

- Expert third party evaluation of existing standards that can be used as a diagnostic tool
- Facilitates internal review and analysis of development plans
- Serves as a platform to educate citizens on the impact of local regulations
- Enhances economic development effort
- Statewide recognition via press releases, advertisements, newsletters and social media

Pathway to Scenic City Certification

PATHWAY TO CERTIFICATION



*Applicant cities must participate in an orientation phone conversation with staff prior to starting the Scenic City application. This will assist cities in getting acclimated with the application process and help answer any questions. Cities may request the phone meeting by emailing application@sceniccitycertification.org. Information is also available on our website, www.sceniccitycertification.org.



Certified Scenic Cities

PLATINUM

Fairview
Flower Mound
Frisco
McKinney
Missouri City
N. Richland Hills
Plano
Richardson
Roanoke
Rockwall

Bee Cave
Belton
Benbrook
Buda
Cedar Hill
Cedar Park
Cibolo
Denton
Dripping Springs
Fort Worth
Georgetown
Heath
Hutto

GOLD

Keller
Lakeway
Mansfield
Mesquite
Pearland
Pflugerville
Sealy
Southlake
S. Padre Island
Sugar Land
Westlake

SILVER

College Station
Colleyville
Cuero
El Campo
Granbury
Grapevine
Houston
Irving
McAllen
Nolanville
Waxahachie
West University Place

BRONZE

Bastrop
Beaumont
Corinth
Friendswood
Horseshoe Bay
La Vernia
Marble Falls
Nassau Bay
Richmond
Webster

RECOGNIZED

Double Oak
Kennedale
Magnolia
Pilot Point
Pharr
Prosper
Seabrook
Shavano Park
Taylor
Westlake Hills



PROUD TO BE
A Certified *Scenic* City

Instructions and Payment Information

READ CAREFULLY



The Scenic City application is points-based. There are 11 sections and a bonus section.

Instructions:

- 1) **Every** city submitting a complete application will receive a detailed, scored evaluation. Official *Scenic City Certification* can only be earned if a city scores at least 50% overall and meets these three requirements:
 - a) trees and/or landscaping along city streetscapes, such as major roadways, city streets, street medians or in parking lots
 - b) prohibition on new off-premises signage (billboards)
 - c) permitting process and size, placement, and quantity requirements for on-premises signage
- 2) All other criteria in the application are optional. The more criteria an applicant city meets, the more points toward certification will be earned.
- 3) You have the option to complete an online application by going to www.sceniccitycertification.org. *Note: After your city's phone orientation, you will be provided with login credentials to the online application. You may login and out as you please, just be sure to save your work.* If you do not wish to submit your application online, you can fill out a PDF version. You will be provided with the application after your city's phone orientation. **You must have Adobe Acrobat Pro or Adobe Reader XI to be able to save information and open at a later time. If using Adobe Reader XI, you will have to Save As each time you add new information.**
- 4) You may copy and paste links to your city code into response boxes. Links will not appear hyperlinked. To hyperlink, simply highlight the link, right click, and select hyperlink.
- 5) Responses must provide clearly stated evidence that a criterion is contained either in an ordinance or is a component of a formal citywide program. No statements of fact will receive points unless corresponding evidence/documentation is provided.

In order to provide proper evidence, responses must have:

- Relevant link(s) to a website containing this information such as Municode or your city's homepage.
- Provide the specific page number or title, section and subsection where the information is located.
- If link is to Municode, please cite the location within your code including article and/or chapter number. See the example below:

X The dumpster area is screened on three sides using material consisting of stone, brick, block, wood or a continuous planting of evergreens.

<http://www.municode.com/resources/gateway.asp?pid=10123&sid=43>
see Chapter 39, Article VI, Sec 39-101 item (c)



6) If you have additional documents that are not accessible via links, then you may submit them via email or we can provide you with DropBox information. See details below

- **What to name an additional document:**
 - City name, section the document supports. Example, *Houston, Section 1.3*
- **What to include in the response box:**
 - In the response box, use the following language, “**See name of document in Dropbox.**” Be sure to include page numbers, chapters, sections, etc. to help locate the support in the response box.

Payment Information:

New or Recertifying Applicant: \$749

Rank-up Applicant: \$300

The cost of the application is \$749 for all new applicant cities and certified Scenic Cities applying for a 5 year re-certification. The cost of the application is \$300 for all applicants who are certified and would like to rank up during the two-year window of initial certification.

Payment methods accepted include checks, credit card and PayPal.

Checks should be made payable to Scenic Texas and mailed to:

Scenic City Certification Program

Scenic Texas

5615 Kirby #645

Houston, TX 77005

Please call us at 713-979-4374 to pay via a credit card.

To pay via PayPal, please click [here](#) and select Scenic City Program Fee.

Resources & Tips

- For additional examples of how to fill out the application, or what high-scoring ordinances look like, go to the Resources tab at sceniccitycertification.org. There you will find example ordinances from certified Scenic Cities that scored highly for each question.
- This application takes time to complete, be sure you give yourself or team plenty of time to fill out.
- Feel free to contact us at any time during the application process. We are here as a resource for you. Direct your questions regarding the application to Anne Culver at 713-979-4374 or anne@sceniccitycertification.org.



Types of Applicants

There are 3 types of applicants when filling out the Scenic City Certification Program application. Please refer to the descriptions of each applicant type below:

- First Time Applicant
- Re-certification Applicant
- Rank-up Applicant

First Time Applicant

If you are a first time applicant, you will complete the 2017 application in full. Follow all instructions listed below in the instructions section.

Re-Certification Applicant (Renewing 5 year certification)

In order to retain Scenic City certification, a certified Scenic City must re-apply for certification during its fifth year of certification. In 2017, all 2012 certified Scenic Cities must re-apply to the Program. All 2012 cities will need to complete the 2017 application in full. This means that evidence must be provided for every criterion that applies to a city. Credit will not be awarded for answers that state, "No change from 2012."

Rank-Up Applicant (Certified cities re-apply to increase certification level)

Certified Scenic Cities may re-apply to the Program to try for an increased certification level. This is recommended for Certified Cities who use their initial results from the Program to make improvements to their scenic infrastructure standards. Cities who do this during its first two years of certification will remain in their five year certification class and may apply at a reduced rate of \$300. In addition, only updated information is required on the application. For criterion that do not have changes, type "No change to standards." in the response box.

APPLICATION



NOTE: Every city submitting a complete application will receive a detailed, scored evaluation. Official *Scenic City Certification* can only be earned if a city scores at least 50% overall and meets these three requirements: a permitting system for on-premise signs, a landscaping or tree-planting program and a prohibition on new billboards.

1. Trees and/or landscaping along major roadways, city streets, street medians or in parking lots are required. *(Section 1.1 on scoresheet)*
2. Strict limits on size, placement, and quantity of signs per business. All permanent signs require permits separate from the building permit. *(Section 3.1 on scoresheet)* [The more restrictive, the more points will be awarded] **Answer individually as follows:**
 - 1.a Minimum requirement: signs require permits separate from the building permit.
 - 1.b Strict limits on quantity of signs per business and quantity of signs per side/property frontage.
 - 1.c Strict limits on size (both square footage and height) and placement.
3. No permits are allowed to be issued for new outdoor general advertising off-premises signs or devices. *(Section 4.1 on scoresheet)*

Scenic City Standards



Section 1: Streetscape- protection of native and established trees, landscaping and sidewalks

1.2 Require upkeep of landscaping to ensure viability of plants.

- All required landscaped areas shall include an irrigation system to ensure the health and growth of the landscape. Medians, rights-of-way, visibility clips and other common areas that are landscaped shall be irrigated, with irrigation plans for such landscaped areas approved by the town prior to the acceptance of public improvements for the development.

- Landscaped areas shall be reasonably maintained by the owner or the lessee of the property, including pruning, trimming, watering and other requirements necessary to create an attractive appearance for the development.
- Any plant material not surviving shall be replaced within 60 days of its demise. Variances because of seasonal requirements can be granted by the City's Designee.

1.3 Landscape requirements apply to all public, private and institutional developments and must be installed in a sound manner and in accordance with accepted good planting procedures.

1.4 All construction (new as well as redevelopment) requires landscaping and/or screening to be installed as a part of project construction. Existing landscaped areas to be retained shall be protected from vehicular encroachment and damage during and after the construction phase by appropriate barriers.

1.5 Sidewalks required to be a minimum of 5 feet in width; 8 feet in transit corridors; 10 feet in downtowns and high-density areas. Sidewalks must be maintained in good condition and have pedestrian buffers with a minimum width of 2 feet.

1.6 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 2: Parks, Trails and Public Spaces

2.1 There exists a comprehensive system of parks, greenbelts and open space that is compatible with the environment and conducive to residential neighborhoods (A map or diagram is acceptable.) Park system meets national standards of 10 acres per 1,000 population.

2.2 Parks contain a significant number of amenities including trees, benches, playgrounds, etc which are maintained to good condition and have security features (anti-theft devices, safety for parking areas and trails, etc).

2.3 There exists a park set-aside ordinance for development.

2.4 Provide for a comprehensive and connective multi-use trail system and map. Trails are clearly marked with appropriate signage, and there are established measures for upkeep and maintenance.

2.5 The boundaries of existing open space and recreational areas are clearly delineated as public spaces with future development prohibited or permanently designated for public use if on private property.

2.6 Any new development site must permanently set aside open space for public or private use which will not be developed. Open space may be used as community open space or preserved as green space.

2.7 Impervious cover is limited to no more than 20% of an open space area unless the need/purpose of the additional impervious cover is documented.

2.8 The following areas are considered high priorities when designating open space:

conservation buffers, high quality native trees, critical habitat areas, and high quality soil resources.

2.9 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 3: On-premises sign ordinance

3.2 Banned signage: All wind devices, roof signs and portable signs.

3.3 Restricted digital signage: All electronic changeable message (digital) signs should be banned outright or restricted to special districts within city limits. IF digital signs currently exist, clearly-stated regulations must strictly limit size, height, and brightness of such signs, and prohibit moving images and frequent rotation of fixed images on such signs. Regulations written so that signs are designed to be in context with the natural and built environment.

3.4 A mechanism exists to bring existing (grandfathered) signs into conformity with the municipality's current sign code.

3.5 A process exists to enforce removal of any sign that is significantly damaged, destroyed or abandoned.

3.6 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 4: Off-premises signage

4.2 Specific ordinance language states that existing, non-electronic billboards may NOT be modified, upgraded or in any way converted to an electronic, changeable message (digital) billboard format. IF digital billboards currently exist, clearly-stated regulations must strictly limit brightness of

such signs, and prohibit moving images and frequent rotation of fixed images on such signs.

4.3 Policy prohibiting the relocation of billboards, or allowing relocation only when required by the construction of a project using public funding, provided that such relocation is restricted to a limited period of time.

4.4 Parked motor vehicles and/or trailers are not allowed to be intentionally located so as to serve as an advertising device for a use, product or service.

4.5 Moving motor vehicles and/or trailers may not be employed primarily for the purpose of displaying commercial advertising messages. Commercial advertising messages are prohibited on any vehicle if the messages are unrelated to the primary business or activity for which the vehicle is utilized; this includes but is not limited to transit vehicles and school buses.

4.6 No advertising allowed on right-of-way amenities (bus shelters, park benches, transit stations, trash receptacles, directional kiosks, etc).

4.7 Ban on posting of advertising signs on public property. Any advertising signs found upon any public property may be removed by the city.

4.8 Law prohibiting tree-cutting or similar clearing of vegetation on public rights-of-way to provide better view of off-premises signs.

4.9 A process exists to remove nonconforming outdoor general advertising devices (i.e. billboards) that are not on federally-funded roadways.

4.10 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 5: Lighting standards for streetscapes and public spaces

5.1 Street lighting program that emphasizes the selection of lighting equipment and the location of street lighting, in order to provide visibility, safety, and security for pedestrians and vehicles.

5.2 Adequate illumination that meets the level-of-use standards set for the municipality is required.

5.3 Outdoor lighting program that emphasizes directional lighting, limits glare and misdirected or unnecessary outdoor lighting, and curtails and reverses any degradation of the night sky, in order to decrease light pollution effects and preserve the nighttime visual environment.

5.4 Cost-sharing program exists between the city and power provider(s) to upgrade light fixtures.

5.5 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 6: Landscaping in parking lots

6.1 Incorporate appropriately-scaled, well-graded and planted earth berms, shrubs, or other landscaping on parking area perimeters to screen the parking area from streets and other facilities.

6.2 Require that planted islands have curbs.

6.3 Integrate groundcovers and small shrubs at island ends to add interest while maintaining visibility of pedestrians and vehicles; minimize the use of medium to tall shrubs on internal islands.

6.4 If paving around a tree is required, use porous pavements such as cast-in-place, monolithic turf and concrete combinations over specimen tree roots to allow water and air exchange.

6.5 Require that plants are selected for climate such as regionally native, drought-tolerant and extreme temperature-tolerant species and are

used whenever possible. Plants installed in or around parking areas receive proper irrigation to encourage deep root growth.



6.6 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 7: Protection of landscaping during construction activities

7.1 Require that protective barricades are installed around all protected trees and grand trees prior to any construction activities on a development site.

7.2 Barricades are to be installed a minimum of 10 feet from a protected tree or at the designated protective root zone.

7.3 Materials used for protective barricades shall be made of wood, fencing or solid material.

7.4 Barricades shall be no less than 3 feet in height with horizontal and vertical structural members designed to prevent damage to existing landscaping.

7.5 Protective barricades removed only to prepare the development site for final landscaping activities.

7.6 Parking or storing of vehicles, equipment or materials is not allowed within the protective root zone.

7.7 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 8: Unity-of-Design

Clearly-stated design standards exist, with the intention to coordinate individual efforts and create unity-of-design, a positive city image, and a high quality public environment.

Provide documentation that clearly defines if all of the city or specific areas fall within the guidelines. Must document the percent of the city and the percent of commercial (all types) where the code applies.

Provide copy of design standards and evidence of enforcement program: a) methods, b) budget, and c) staffing.

Examples of unified-design areas include but are not limited to:

- Storefront design standards in terms of shapes and materials for awnings, storefront lighting, entries, doors, windows, and building appurtenances
- Signage limitations for permitted on-premises signs and specific guidelines for display window signage, window graphics, plaque signs, and entry paving
- Exterior furnishings / landscape - requirements regarding allowed exterior furnishings, landscaping, sidewalk grade, and ADA compliance

Section 9: Litter and graffiti

9.1 Littering is defined, expressly prohibited, and penalized by city ordinance, including pedestrian trash as well as that thrown from motor vehicles.

9.2 Graffiti (writing or drawings scribbled, scratched, painted, or sprayed illicitly on a wall or other surface in public view) is expressly prohibited and penalized by city ordinance. A program exists to enforce effective removal.

9.3 Publicly supported cleanup efforts and education program for trash and graffiti.

9.4 Public trash receptacles have a protective covering to prevent trash from blowing out of can.



9.5 Trash can only be placed for collection on certain designated days, and not before or after within a period of 15 hours.

9.6 Strict prohibition on dumping.

9.7 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 10: Utility and cable line program

10.1 a- Install utility lines (including individual service lines, transmission lines and distribution lines) underground, below the finished grade of the right of way. Remove (if appropriate) all related above ground utility structures.

10.1 b- If your city has a special circumstance, i.e., it is located in a flood prone area, please describe your methods to minimize the visual impact of required above ground utilities.

10.2 For new construction that requires additional infrastructure, all new utility infrastructure must be mounted on pads at ground level; if within the right of way, does not block sidewalks or visibility at intersections.

10.3 For a major roadway reconstruction or public improvement project, all utility services located within the boundaries of the project are placed underground.

10.4 For future individual utility service, lines which originate in a public road right of way and extend to any building or structure constructed after a certain date (including residential, commercial, or industrial) are installed underground. All new construction must require utility services to be underground.

10.5 Once utility service lines have been installed underground, the installation of new above-ground lines in that location is prohibited by ordinance.



Section 11: Dumpster screening

10.6 If above ground utilities are being replaced on side streets with above-ground utility services which intersect with a roadway with underground utility lines, the first pole supporting the above ground service is placed on such side street at least 100 feet from the center of the roadway with the underground utilities.

10.7 Please provide evidence of your enforcement/improvement program: a) methods (e.g., contracts with power company, design guidelines, requirement of TIRZs, ordinance), b) budget, and c) staffing.

11.1 The dumpster area is screened on three sides using material consisting of stone, brick, block, wood or a continuous planting of evergreens.

11.2 The opening for removal of the dumpster for collection is a minimum of 12 feet to allow for proper access when it is serviced. For every additional dumpster in an enclosure, an additional 10 feet in width is required. Openings should be concealed by a non-transparent gate.

11.3 All dumpster enclosures are approved by the city prior to construction.

11.4 Require that the dumpster enclosure is constructed of durable materials that complement the primary building.

11.5 Require that the owner incorporate landscaping to make the screen more effective.

11.6 Require that location of the opening to the area be away from the sidewalk and street.

11.7 Enforcement exists for the implementation of every standard.

Applicant: Please provide official language describing enforcement methods, including staff and provide current city budget.

Section 12: Bonus

Your city may have adopted infrastructure standards or programs that contribute to community character and place-making but fall outside the boundaries of the application standards. If so, please provide a detailed description and links to supporting materials for review and possible additional points. These projects are not limited to, but might include:

- historic districts or historic preservation programs
- a scenic program related to a unique geographic feature
- a natural environment enhancement program
- storm runoff collectors
- innovative programs above and beyond the criteria in any of the certification categories
- active chapter in good standing with Keep Texas Beautiful
- current participation in Texas Historical Commission's Texas Main Street Program

Next Steps

Applications will be reviewed and a response along with the scored evaluation will be sent out by mid-June. The preliminary evaluation will indicate your level of certification: Recognized, Bronze, Silver, Gold, or Platinum. If your city does not meet minimum certification requirements during the preliminary scoring, you will have the opportunity to submit additional materials to earn more points. This is a two-week appeal period. Final scores will be released mid-July.

Remember, the main benefit of the application process is the objective review your city will receive based on its current scenic infrastructure standards. We encourage all cities, no matter their score, to use their score sheet as a diagnostic tool and basis for making improvements to increase quality of life and economic development. Think of the score sheet as a road map.



Scenic City

CERTIFICATION PROGRAM

Scenic City Certification Program

A program of Scenic Texas

5615 Kirby #645

Houston, TX 77005

713-979-4374

sceniccitycertification.org



City of Lucas Council Agenda Request May 4, 2017

Item No. 11

Requester: Public Works Director/City Engineer Stanton Foerster

Agenda Item:

Discuss the installation and removal of traffic control devices within the City of Lucas.

Background Information:

During the November 5, 2009, City Council meeting, the City Council passed Ordinance 2009-11-00656 which authorizes the city manager to place traffic control devices after receiving recommendations from the city engineer. The city engineer is to base recommendations on the Manual on Traffic Control Devices (MUTCD). The city engineer shall remove any device that is no longer needed to for the safety or welfare of the citizens. The city engineer shall make continuous studies. The city engineer shall conduct studies as directed by the city manager.

Public Works Director/City Engineer Stanton Foerster started a review of the three-way stop sign control at the Estelle Lane/Wendy Lane intersection in 2013 as parts of his duties set forth in Chapter 12 of the City of Lucas Code of Ordinances.

During the November 6, 2014, City Council meeting, the City Council passed Ordinance 2014-11-00801 which authorizes the city engineer to place traffic control devices warranted by the MUTCD or as required by ordinance. The city engineer may test all forms of traffic-control devices under actual conditions of traffic.

The City Engineer was asked to review the need for various stop signs by the City Manager due to the impacts to public safety. The review of the sign stop signs across the city were noted in the Weekly City Council Recaps:

April 9, 2016

STOP SIGNS LOCATIONS – To ensure that the City complies with the state laws that regulate intersections and to continue to ensure the safety of the traveling public, Public Works Director/City Engineer Stanton Foerster will be reviewing various intersections throughout the City.

The first priority is to evaluate the all-way stop requirements at the following intersections:

1. Blondy Jhune Road/Winninkoff Road
2. Orr Road/Winningkoff Road
3. Snider Lane/Winningkoff Road
4. Estelle Lane/Wendy Lane
5. Estelle Lane/Gold Dust Trail



City of Lucas Council Agenda Request May 4, 2017

Item No. 11

6. Estelle Lane/Forestview Drive
7. Gold Dust Trail/Forestview Drive
8. Ingram Lane/Travis Ranch Road
9. Graham Lane/Graham Court

November 10, 2016

SIGNAGE – One of the projects identified for fiscal year 16/17 is to conduct a review of all warning and regulatory signage to ensure compliance with established standards. Public Works Director/City Engineer Stanton Foerster has reviewed and studied the need for stop sign control at the Snider Lane and Blondy Jhune Road intersections with Winningkoff Road. The three-way stop sign control is necessary at Winningkoff/Snider because there is inadequate sight distance in all three approaches. No stop sign control is necessary at Winningkoff/Blondy Jhune for the following reasons: adequate sight distance, no accidents reported and low traffic volumes. The stop signs on Winningkoff will be removed and a yield sign will be installed for eastbound Blondy Jhune during the coming months.

March 24, 2017

STOP SIGN REMOVAL – On Friday, April 7, the three-way stop sign control at Winningkoff Road/Blondy Jhune Road and Estelle Lane/Wendy Lane intersections will be removed. Neither intersection met the warranting requirements set forth in the Texas Manual on Traffic Uniform Control Devices. Public Works Director/City Engineer Stanton Foerster has studied both locations and sealed a report stating the warrant deficiencies. This week temporary signs will be placed on all six stop signs stating their removal or replacement in two weeks. The stop signs on Blondy Jhune and Wendy Lane will be replaced with yield signs.

March 30, 2017

TRAFFIC SIGNAGE – The City's Engineering Department has been tasked with reviewing our traffic signs to ensure they comply the standards established in the Manual on Uniform Traffic Control Devices (MUTCD). The MUTCD is a document issued by the Federal Highway Administration to specify the standards by which traffic signs are designed, installed, and used. All traffic control devices must legally conform to these standards to ensure that the traffic control devices they use conform to the national standard.

The purpose of all traffic control devices such as stop signs is to improve safety of the traveling public. The proper installation is paramount when it comes to installation of any traffic control device. An unwarranted stop sign creates an unnecessary hazard to the traveling public. In fact, some improper installations could be considered dangerous. Unwarranted stop signs encourage and advocate the idea that a stop is not always required at a stop sign, which is the opposite of the purpose of a stop sign.



City of Lucas Council Agenda Request May 4, 2017

Item No. 11

City staff posted signs on Friday, March 24 to advise the travelling public that the stop signs at the Estelle Lane/Wendy Lane and the Winningkoff Road/Blondy Jhune Road intersections will be removed in two weeks on Friday, April 7, 2017. Warrant studies were conducted by Public Works Director/City Engineer Stanton Foerster to determine if the installation of the stop signs was legal. The three-way stop sign control was not warranted per state law at either intersection. This type of warranting is usually done before a stop sign is installed. Stanton could not find any record that the existing signs were ever warranted.

The Winningkoff Road/Snider Lane intersection visibility exceeds the requirement of 140 feet. Stanton's approach is more conservative; he generally uses 600 feet as a minimum. There is about 225 feet of visibility looking north on Winningkoff Road from Snider Lane. Using the more conservative 600-foot standard, the three-way stop sign control was warranted.

For the Estelle Lane/Wendy Lane intersection, Stanton first looked at the sight distance. Is there 600 feet of visibility? The answer was yes at the intersection. Second, the traffic volumes were reviewed. Are there more than 2,000 vehicles per day (vpd) entering the Estelle Lane/Wendy Lane intersection (technically this only applies to intersections with more than three approaches)? The answer was there are about 1,000 vpd. With such lengthy sight distances and low traffic volumes, the less conservative approach would suggest not installing a yield sign on Wendy, but staff will be installing a yield sign.

For the Winningkoff Road/Blondy Jhune Road intersection, Stanton conducted the warrant study in 2015. The sight distances were at least 600 feet. Next, the traffic volumes were reviewed. A different standard than the one used on Estelle Lane was used on Winningkoff Road due to the high traffic volumes on Winningkoff Road. Are there more than 300 vehicles per hour for eight hours per day? The eight-hour average entrance volume was 97 vehicles; so the answer was no. With such lengthy sight distances and low eight-hour average entrance volumes, the less conservative approach would suggest not installing a yield sign on Blondy Jhune. Staff will be installing a yield sign on Blondy Jhune.

Stop signs have already been removed and replaced with yield signs on Ford Lane and on E. Winningkoff Road. Next Stanton plans to look at the stop sign control at the Graham Lane/Graham Court and the Ingram Lane/Travis Ranch Road intersections. The installation of new stop signs within new subdivisions has been very limited since June 2013.



City of Lucas Council Agenda Request May 4, 2017

Item No. 11

April 21, 2017

ENGINEERING WARRANT STUDY – Public Works Director/City Engineer Stanton Foerster is reviewing a proposal from a transportation engineering firm for warrant studies. The cost will be in the \$2,000 to \$3,000 range for a single study. Staff plans to have this firm study the Estelle/Wendy Lane intersection to determine the signage requirements. In an effort to save money, Stanton was doing these studies in house. Staff is planning to present this information to City Council at the May 18 meeting.

During the summer of 2016 and February 2017, the city engineer reviewed that various warranting items associated with full stop sign control: sight distance, traffic volumes, etc. On February 27, 2017, the city engineer sealed a warrant statement calling for the removal of the two stop signs on Estelle Lane and replacing the stop sign with a yield sign on Wendy Lane. Additional data was collected in March of 2016. On April 7, 2017, the following was emailed by the city engineer to citizens that had inquired about the Estelle Lane stop signs:

In order to gather more warranting information, the Estelle Lane and Wendy Lane stop signs will remain in place. I hope to have all the new data gathered within the next 30 days. Thank for your comments and concerns relating to this public safety matter.

Attachments/Supporting Documentation:

- a. November 5, 2009, City Council Meeting Agenda Item 4
- b. Ordinance 2009-11-00656 Amending Traffic Control Devices Regulations
- c. City Council Regular Meeting Minutes from November 5, 2009
- d. November 6, 2014, City Council Meeting Agenda Item 7
- e. Ordinance 2014-11-00801 Amending Code of Ordinance Chapter 12
- f. City Council Regular Meeting Minutes from November 6, 2014
- g. Estelle Lane/Wendy Lane Warrant Statement
- h. Estelle Lane/Wendy Lane AM Peak Hour Traffic Data
- i. Winningkoff Road/Snyder Lane Warrant Statement
- j. Winningkoff Road/Blondy Jhune Road Warrant Statement
- k. City Council Regular Meeting Minutes from April 6, 2017

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas Council Agenda Request

Council Meeting: November 5, 2009

Requestor: _____

Prepared by: Kathy Wingo

Account Code #: _____

Date Prepared: _____

Budgeted Amount: \$ _____

Exhibits: Yes No

AGENDA SUBJECT:

Discuss and Consider the approval of **Ordinance # 2009-11-00656** of the City of Lucas, Texas, amending the Code of Ordinances by amending Chapter 12 "Traffic and Vehicles" by amending Article 12.02 "Traffic-Control Devices" by designating an authority to place and erect traffic-control devices; providing a severability clause; providing a repealing clause; providing a savings clause; providing for a penalty of fine not to exceed the sum of two hundred dollars (\$200.00) for each offense; and providing for an effective date.

RECOMMENDED ACTION:

SUMMARY:

See attached ordinance.

APPROVED BY: _____

Initial/Date

Department Director: _____ / _____

City Manager: _____ / _____

<input type="checkbox"/>	Annexation
<input type="checkbox"/>	Disannexation
<input checked="" type="checkbox"/>	Code of Ordinances
<input type="checkbox"/>	Other

ORDINANCE # 2009-11-00656
[Amending Traffic Control Devices Regulation]

AN ORDINANCE OF THE CITY OF LUCAS, TEXAS, AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 12 “TRAFFIC AND VEHICLES” BY AMENDING ARTICLE 12.02 “TRAFFIC-CONTROL DEVICES” BY DESIGNATING AN AUTHORITY TO PLACE AND ERECT TRAFFIC-CONTROL DEVICES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO HUNDRED DOLLARS (\$200.00) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LUCAS, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Lucas, Texas be, and the same is, hereby amended by amending Chapter 12 “Traffic and Vehicles” by amending Section 12.02 “Traffic-Control Devices” to read as follows:

"ARTICLE 12.02 TRAFFIC-CONTROL DEVICES

Sec. 12.02.001 Authority to place, erect and maintain devices

- (a) Upon the recommendation of the city engineer or designee, the city manager is authorized by the city council to place and erect such traffic-control devices which he deems to be warranted in accordance with provisions or requirements of the “Manual of Uniform Traffic Control Devices” or as required by ordinances of the city.
- (b) The city engineer or his designee shall cause traffic-control devices that are in place to be removed if it is determined that these devices are no longer needed for the safety or welfare of the citizens of the city.
- (c) The city engineer shall also make continuous studies of the movement of traffic on the streets of the city and shall make periodic recommendations to the city manager as to necessary regulations, practices and controls for the safe and prompt movement of traffic within the city. The city engineer shall perform such duties as may be required by the city manager.
- (d) The city engineer shall direct the location of all future traffic control signs, signals and markings. The city engineer shall have the duty of erecting or installing upon, over, along or beside any highway, street or alley, signs, signals and markings, or cause the same to be erected, installed or placed in accordance with this article and consistent with the “Manual on Uniform Traffic Control Devices” from time-to-time as may be deemed necessary to regulate or guide traffic in and through the city during unusual circumstances or situations where it is necessary to alter the flow of traffic on a temporary basis to protect the health, life, order and security of the

city or its citizens. The city engineer shall remove such signs, signals and markings within a reasonable time after the unusual circumstances or situations cease to exist.

(e) All records pertaining to traffic zone markings and traffic device installation, including placement, replacement, repairs of such traffic control devices and studies conducted of a particular intersection, shall be maintained by the office of the city engineer and shall be available for review by the public during normal business hours.

Sec. 12.02.002 Prima facie evidence of authorized installation

It shall be unlawful for any person other than the city manager, acting pursuant to an ordinance of the city council, to install or cause to be installed any traffic control device, sign, signal or marking purporting to direct the use of the streets or the activities on those streets of pedestrians, vehicles, motor vehicles or animals. It shall be proof in any prosecution of a violation of this article or any traffic ordinance of the city that any traffic control device, sign, signal or marking was actually in place on any street shall constitute prima facie evidence that such device, sign, signal or marking was installed by the city manager or his designee pursuant to the authority of this article and of the ordinance directing the installation of such device, sign, signal or marking.

Sec. 12.02.003 Duty to obey

The driver of any vehicle, motor vehicle or animal shall obey the instructions of any official traffic control device, sign, signal or marking applicable thereto placed in accordance with this article, unless otherwise directed by a police officer, subject to the expectations granted the driver of an authorized emergency vehicle as provided for in the state motor vehicle laws.”

SECTION 2. That should any sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole, or any part or provision thereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a whole.

SECTION 3. That all provisions of the ordinances of the City of Lucas, Texas, in conflict with the provisions of this ordinance be, and the same are hereby, repealed, and all other provisions of the ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 4. That an offense committed before the effective date of this ordinance is governed by the prior law and the provisions of the Code of Ordinances, as amended, in effect when the offense was committed and the former law is continued in effect for this purpose.

SECTION 5. Any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the Code of Ordinances, as amended, and upon conviction in the municipal court shall be punished by a fine not to exceed the sum of Two Hundred Dollars (\$200) for each offense, and each and every day such violation shall continue shall be deemed to constitute a separate offense.

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

PASSED AND APPROVED by the City Council of the City of Lucas, Texas, on the 5th day of November, 2009.

Bill Carmickle, Mayor

ATTEST:

Kathy Wingo, TRMC, City Secretary

APPROVED AS TO FORM:

Joe Gorfida, Jr., City Attorney
(JJG/cgo/09-16-09/39914)

<input type="checkbox"/>	Annexation
<input type="checkbox"/>	Disannexation
<input checked="" type="checkbox"/>	Code of Ordinances
<input type="checkbox"/>	Other

ORDINANCE # 2009-11-00656, |
[Amending Traffic Control Devices Regulation]

AN ORDINANCE OF THE CITY OF LUCAS, TEXAS, AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 12 “TRAFFIC AND VEHICLES” BY AMENDING ARTICLE 12.02 “TRAFFIC-CONTROL DEVICES” BY DESIGNATING AN AUTHORITY TO PLACE AND ERECT TRAFFIC-CONTROL DEVICES; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A REPEALING CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO HUNDRED DOLLARS (\$200.00) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LUCAS, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Lucas, Texas be, and the same is, hereby amended by amending Chapter 12 “Traffic and Vehicles” by amending Section 12.02 “Traffic-Control Devices” to read as follows:

"ARTICLE 12.02 TRAFFIC-CONTROL DEVICES

Sec. 12.02.001 Authority to place, erect and maintain devices

- (a) Upon the recommendation of the city engineer or designee, the city manager is authorized by the city council to place and erect such traffic-control devices which he deems to be warranted in accordance with provisions or requirements of the “Manual of Uniform Traffic Control Devices” or as required by ordinances of the city.
- (b) The city engineer or his designee shall cause traffic-control devices that are in place to be removed if it is determined that these devices are no longer needed for the safety or welfare of the citizens of the city.
- (c) The city engineer shall also make continuous studies of the movement of traffic on the streets of the city and shall make periodic recommendations to the city manager as to necessary regulations, practices and controls for the safe and prompt movement of traffic within the city. The city engineer shall perform such duties as may be required by the city manager.
- (d) The city engineer shall direct the location of all future traffic control signs, signals and markings. The city engineer shall have the duty of erecting or installing upon, over, along or beside any highway, street or alley, signs, signals and markings, or cause the same to be erected, installed or placed in accordance with this article and consistent with the “Manual on Uniform Traffic Control Devices” from time-to-time as may be deemed necessary to regulate or guide traffic in and through the city during unusual circumstances or situations where it is necessary to alter the flow of traffic on a temporary basis to protect the health, life, order and security of the

city or its citizens. The city engineer shall remove such signs, signals and markings within a reasonable time after the unusual circumstances or situations cease to exist.

(e) All records pertaining to traffic zone markings and traffic device installation, including placement, replacement, repairs of such traffic control devices and studies conducted of a particular intersection, shall be maintained by the office of the city engineer and shall be available for review by the public during normal business hours.

Sec. 12.02.002 Prima facie evidence of authorized installation

It shall be unlawful for any person other than the city manager, acting pursuant to an ordinance of the city council, to install or cause to be installed any traffic control device, sign, signal or marking purporting to direct the use of the streets or the activities on those streets of pedestrians, vehicles, motor vehicles or animals. It shall be proof in any prosecution of a violation of this article or any traffic ordinance of the city that any traffic control device, sign, signal or marking was actually in place on any street shall constitute prima facie evidence that such device, sign, signal or marking was installed by the city manager or his designee pursuant to the authority of this article and of the ordinance directing the installation of such device, sign, signal or marking.

Sec. 12.02.003 Duty to obey

The driver of any vehicle, motor vehicle or animal shall obey the instructions of any official traffic control device, sign, signal or marking applicable thereto placed in accordance with this article, unless otherwise directed by a police officer, subject to the expectations granted the driver of an authorized emergency vehicle as provided for in the state motor vehicle laws.”

SECTION 2. That should any sentence, paragraph, subdivision, clause, phrase or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole, or any part or provision thereof other than the part so decided to be invalid, illegal or unconstitutional, and shall not affect the validity of the Code of Ordinances as a whole.

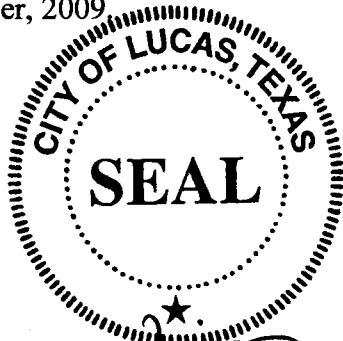
SECTION 3. That all provisions of the ordinances of the City of Lucas, Texas, in conflict with the provisions of this ordinance be, and the same are hereby, repealed, and all other provisions of the ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 4. That an offense committed before the effective date of this ordinance is governed by the prior law and the provisions of the Code of Ordinances, as amended, in effect when the offense was committed and the former law is continued in effect for this purpose.

SECTION 5. Any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the Code of Ordinances, as amended, and upon conviction in the municipal court shall be punished by a fine not to exceed the sum of Two Hundred Dollars (\$200) for each offense, and each and every day such violation shall continue shall be deemed to constitute a separate offense.

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

PASSED AND APPROVED by the City Council of the City of Lucas, Texas, on the 5th day of November, 2009





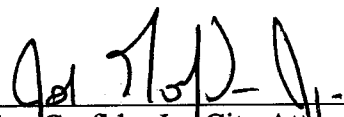
Bill Carmickle, Mayor

ATTEST:



Kathy Wingo, TRMC, City Secretary

APPROVED AS TO FORM:



Joe Gorfida, Jr., City Attorney
(JJG/cgo/09-16-09/39914)

Mayor Carmickle says the stop signs are in place, the study shows the signs are warranted, so the signs should remain. The discussion continued and it was determined that Staff would review the situation and act accordingly.

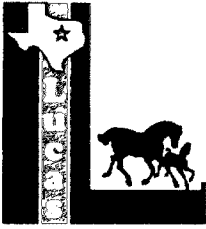
- 4) Discuss and Consider the approval of **Ordinance # 2009-11-00656** of the City of Lucas, Texas, amending the Code of Ordinances by amending Chapter 12 "Traffic and Vehicles" by amending Article 12.02 "Traffic-Control Devices" by designating an authority to place and erect traffic-control devices; providing a severability clause; providing a repealing clause; providing a savings clause; providing for a penalty of fine not to exceed the sum of two hundred dollars (\$200.00) for each offense; and providing for an effective date.

City Manager Patrick stated that this ordinance amends the current Code of Ordinances to give authority to staff to place and erect traffic-control devices without first coming to Council for approval. The City Engineer will use the Manual on Uniform Traffic Control Devices to determine where traffic control devices are installed and removed.

MOTION: Mayor Carmickle moved to approve **Ordinance # 2009-11-00656** of the City of Lucas, Texas, amending the Code of Ordinances by amending Chapter 12 "Traffic and Vehicles" by amending Article 12.02 "Traffic-Control Devices" by designating an authority to place and erect traffic-control devices; providing a severability clause; providing a repealing clause; providing a savings clause; providing for a penalty of fine not to exceed the sum of two hundred dollars (\$200.00) for each offense; and providing for an effective date. Mayor Pro Tem Peele seconded the Motion. Motion carried. Vote: 6-1, Councilmember Barratt voting NAY.

- 5) Discuss and Consider the approval of **Resolution # R-2009-11-00344** of the City of Lucas, Texas, authorizing the City Manager to pursue Energy Efficiency and Conservation Block Grants ("EECBG") Funding made available through the American Recovery and Reinvestment Act of 2009 ("ARRA") and being allocated by the State Energy Conservation Office to be used to assist the City's Goals of Energy Efficiency.

City Manager Patrick gave an overview of the agenda item. Part of the Federal stimulus package is to pass down funds for Cities to use to reduce energy consumption. The City has been allotted \$20,000 worth of stimulus funds. City Manager Patrick has spoken with three representatives about possible ideas for the use of these funds, and one option is to use the money to purchase 3 solar area lights for the proposed park area on the South side of the City Hall. Council was provided a quote from Solar Wind TEC which would use solar lights to light our parking area at City Hall, and add two lights for the new park area. Also, City Manager Patrick researched using solar panels to offset the electricity usage at City Hall, and found that the savings would be too minimal to justify the expense of



**City of Lucas
City Council Regular Meeting
November 6, 2014**

Name & Title of Requestor: Stanton Foerster, Public Works Director

Agenda Item:

Consider **Ordinance # 2014-11-00801** concerning proposed changes to the City of Lucas Code of Ordinance, Chapter 12, TRAFFIC and VEHICLES.

Background Information:

Joni Clarke, City Manager, requested that Stanton Foerster, Public Works Director and City Engineer, review Chapter 12 of the Code of Ordinances. The purpose of this review was to check for consistence within the ordinance and update data to current standards.

Attachments/Supporting Documentation:

1. Redline Chapter 12
2. Ordinance # 2014-11-00801

Budget/Financial Impact:

None

Recommendation:

Staff recommends approving the amendments.

Motion:

I make a motion to **approve/deny Ordinance # 2014-11-00801** amending the City of Lucas Code of Ordinance, Chapter 12, Traffic and Vehicles.

CHAPTER 12

TRAFFIC AND VEHICLES

ARTICLE 12.01 GENERAL PROVISIONS*

Sec. 12.01.001

ARTICLE 12.02 TRAFFIC-CONTROL DEVICES†

Sec. 12.02.001 Authority to place, erect and maintain devices

(a) The city engineer is authorized by the city council to place and erect such traffic-control devices which the city engineer deems to be warranted in accordance with provisions or requirements of the "Manual on Uniform Traffic Control Devices" or as required by ordinances of the city.

(b) The city engineer or the city engineer's designee shall cause traffic-control devices that are in place to be removed if it is determined that these devices are no longer needed for the safety or welfare of the traveling public.

(c) The city engineer shall also make continuous studies of the movement of traffic on the streets of the city and shall make periodic recommendations to the city manager as to necessary regulations, practices and controls for the safe and prompt movement of traffic within the city. The city engineer shall perform such duties as may be required by the city manager. The city engineer may test all forms of traffic-control devices under actual conditions of traffic.

(d) The city engineer shall direct the location of all future traffic-control signs, signals and markings. The city engineer shall have the duty of erecting or installing upon, over, along or beside any highway, street or alley, signs, signals and markings, or cause the same to be erected, installed or placed in accordance with this article and consistent with the "Manual on Uniform Traffic Control Devices" from time-to-time as may be deemed necessary to regulate or guide traffic in and through the city during unusual circumstances or situations where it is necessary to alter the flow of traffic on a temporary basis to protect the health, life, order and security of the city or its citizens. The city engineer shall remove such signs, signals and markings within a reasonable time after the unusual circumstances or situations cease to exist.

Sec. 12.02.002 Prima facie evidence of authorized installation

It shall be unlawful for any person other than the city manager or the city manager's designee, acting pursuant to an ordinance of the city council, to install or cause to be installed any traffic-control device, sign, signal or marking purporting to direct the use of the streets or the activities

~~Deleted: Bicycles and similar vehicles prohibited on certain streets¶~~

~~It shall be unlawful for any person to operate, push, pull, or walk a bicycle, tricycle, unicycle or other man-powered means of transportation on the~~

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~~Deleted: westbound (north) side of Parker Road between Farm-to-Market Road 1378 and Lewis Lane or on Farm-to-Market Road 2170 between Farm-to-Market Road 1378 and the west boundary of the city (Rock Ridge Road). (1995 Code, sec. 13-45)¶~~

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~~Deleted: (e) All records pertaining to traffic zone markings and traffic device installation, including placement, replacement, repairs of such traffic-control devices and studies conducted of a particular intersection, shall be maintained by the office of the city engineer and shall be available for review by the public during normal business hours.¶~~

on those streets of pedestrians, vehicles, motor vehicles or animals. It shall be proof in any prosecution of a violation of this article or any traffic ordinance of the city that any traffic-control device, sign, signal or marking was actually in place on any street shall constitute prima facie evidence that such device, sign, signal or marking was installed by the city manager or the city manager's designee pursuant to the authority of this article and of the ordinance directing the installation of such device, sign, signal or marking.

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Sec. 12.02.003 Duty to obey

The driver of any vehicle, motor vehicle or animal shall obey the instructions of any official traffic-control device, sign, signal or marking applicable thereto placed in accordance with this article, unless otherwise directed by a police officer, subject to the expectations granted the driver of an authorized emergency vehicle as provided for in the state motor vehicle laws.

Deleted: (Ordinance 2009-11-00656.1 adopted 11/5/09)
State law references—Authority to designate through highways and stop and yield intersections, V.T.C.A., Transportation Code, secs. 542.202, 544.003; manner of stopping at stop or yield sign, V.T.C.A., Transportation Code, sec. 544.010; vehicle entering stop or yield intersection, V.T.C.A., Transportation Code, sec. 545.153.

ARTICLE 12.03 SPEED LIMITS*

Sec. 12.03.001 General speed limit

Unless expressly designated otherwise by this chapter, on all public streets within the city, thirty (30) miles per hour shall be the prima facie maximum speed limit, and any speed in excess thereof shall be prima facie evidence that such speed is not reasonable or prudent and that it is unlawful.

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Sec. 12.03.002 Specific speed limits

Deleted: State law reference—Prima facie speed limits, V.T.C.A., Transportation Code, sec. 545.352.f

(a) No person shall drive or operate a motor vehicle on any public street or highway within the territorial limits of the city at a greater rate of speed than 30 miles per hour unless posted otherwise as defined in (c) of this section.

(b) No person shall drive or operate a motor vehicle on any alley within the territorial limits of the city at a greater rate of speed than 15 miles per hour unless otherwise designated herein.

(c) On the hereinafter designated streets, or portions thereof, the speed designated herein shall be the prima facie maximum speed limit, and any speed in excess thereof shall be prima facie evidence that such speed is not reasonable or prudent and that it is unlawful. Such streets, or portions thereof, being more particularly described:

Road Extent Speed Limit

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West Lucas Road All portions west of FM 1378, specifically 50

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Brockdale Park Road All portions within the city, generally 40

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Deleted: Beverly Circle
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Deleted: Carey Lane
Deleted: At all points within city limits
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Deleted: Christian Lane
Deleted: From Winningkoff Rd. to Lakeview

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Deleted: Creek Bend Lane
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Deleted: Creek View Lane
Deleted: From FM 1378 to Honeysuckle
Deleted: 30
Deleted: Enclave Drive
Deleted: From Forest Grove to Stallion Drive
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Deleted: Estates of Camden
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FM 1378 All portions within the city, generally 50

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Deleted: From Parker Road north a distance of 500 feet
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Deleted: From Estelle Lane to north city limits
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Deleted: Farm Road
Deleted: At all points within city limits
Deleted: (Ordinance 2010-03-00663 adopted 3/18/10)

FM 3286 All portions from FM 1378 to Winningkoff Road, specifically 45

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FM 3286 All portions from Winningkoff Road to the eastern city limits, specifically 60

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Deleted: Farm Road 2170 (Estates Parkway)

FM 2170 From west city limits to All portions west of a point 2,440 feet east of Rock Ridge Road to the western city limits, specifically east boundary of High School 50

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FM 2170 All portions from FM 1378 to a point 2,440 feet east of Rock Ridge Road, specifically 55

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Forest Grove Road All portions within the city, generally 40

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Deleted: Hamilton Drive
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Deleted: Hart Elementary (FM 1378)
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				Deleted: Long Street
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				Deleted: Lynn Lane
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				Deleted: Mary Lee Lane
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				Deleted: O'Hara Drive
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Orr Lane	All portions within the city, generally		40	Deleted: Orchard Gap Lane
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				Deleted: From Winningkoff Road to north city limits
				Deleted: (County Road #317)
				Deleted: Park Lane
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				Deleted: Parker Road
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				Deleted: Ramsay Drive
				Deleted: At all points within city limits
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				Deleted: FM 2170 to FM 137
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				Deleted: Scarlett Drive
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				Deleted: (Ordinance 2004-01-00502, sec. 1, adopted 1/5/04)
				Deleted: Snider Lane
				Deleted: At all points within city limits
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				Deleted: (Ordinance 2007-09-00602, sec. 1, adopted 9/6/07)
				Deleted: From Farm Road 1378 to Parker Road
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				Deleted: Travis Ranch Road
				Deleted: At all points within city limits
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Stinson Road	All portions within the city, generally		40	

Winningkoff Road All portions within the city, generally 35

(d) (d) A person commits an offense if that person operates or drives a vehicle in a school zone in the following designated areas or on the following designated streets at a speed greater than the speed designated by this section for that area or street or portion thereof, and any speed in excess of the limit provided in this section shall be prima facie evidence that the speed is not reasonable nor prudent and is unlawful. Based on recommendations of the traffic engineer, determined based on engineering and traffic surveys, the city council shall designate school zones with appropriate street markings, warnings or signs, which street markings, warnings or signs shall be placed at the school zones by the traffic engineer. The speed limit designated for school zones shall be effective only at times when appropriate flashing warnings and/or signs advising motorists of the speed limit are placed in conspicuous places. (e) In accordance with the recommendations of the city engineer, the following designated locations, measured from centerline of roadway to centerline of roadway, and areas are declared to be school zones and the maximum speed limit for all motor vehicles operated within such areas and locations and on such streets on school days, when either a flashing warning signal is in operation, or when appropriate signs are in place and conspicuous shall be as follows:

(1)

Heart Elementary School:

a. FM 1378, Thirty-five (35) miles per hour, from a point one hundred (100) feet north of Estates Road to a point one hundred (100) feet south of Estelle Lane.

b. Estelle Lane, Twenty (20) miles per hour, from a point two hundred (200) feet east of FM 1378 to a point one hundred (100) feet west of O'Hara Drive,

(f)

School days, as that term is used herein, shall be each Monday through Friday throughout the calendar year when the school nearest the school zone is in session and for purposes of this speed ordinance, shall include the time period between the hours of 7:00 a.m. and 5:00 p.m. on such days.

(g)

It shall be unlawful for any person to drive or operate a motor vehicle through a school zone as designated and established herein during such periods of time, on school days, when there is either a flashing warning signal in operation cautioning

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Road

... [1]

motorists to proceed with care, or when appropriate signs are in place and conspicuous, in such a manner as to overtake and pass another vehicle being driven in the same direction upon the same street within said school zone.

(b)

It shall be unlawful for any person to drive or operate a vehicle on a public street or highway through the school zones herein designated during the periods herein designated at a rate of speed in excess of the prima facie maximum speed limits herein designated for such school zones.

(i)

Any person violating any provision of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in the sum of not more than two hundred dollars (\$200.00) for each such violation.

ARTICLE 12.04 TRUCKS AND TRUCK ROUTES*

Sec. 12.04.001 Definitions

The following terms, when used in this article, shall have the meaning ascribed to them in this section:

Commercial motor vehicle. A self-propelled or towed vehicle that is used to transport passengers or cargo if:

- (1) The vehicle or combination of vehicles has a gross weight, registered weight, or gross weight rating of more than 26,000 pounds;
- (2) The vehicle is designed or used to transport more than 15 passengers, including the driver; or
- (3) The vehicle is used to transport hazardous materials in a quantity requiring placarding by a regulation issued under the Hazardous Materials Transportation Act (49 U.S.C., section 5101, et seq.).

Pole trailer. A vehicle without motive power:

- (1) Designed to be drawn by another vehicle and secured to the other vehicle by pole, reach, boom, or other security device; and
- (2) Ordinarily used to transport a long or irregularly shaped load, including poles, pipes, or structural members, generally capable of sustaining themselves as beams between the supporting connections.

School bus. A motor vehicle that was manufactured in compliance with the federal motor vehicle safety standards for school buses in effect on the date of manufacture and that is used to transport

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Sec. 12.03.003 Posting of signs¶

The mayor or the duly authorized representative is hereby directed to erect appropriate signs indicating the speed limits enacted herein. (1995 Code, sec. 13-43)¶

pre-primary, primary, or secondary students on a route to or from school or on a school-related activity trip other than on routes to and from school. The term does not include a school-chartered bus.

Semitrailer. A commercial motor vehicle with or without motive power, other than a pole trailer, that is:

- (1) Designed to be drawn by a motor vehicle and to transport persons or property; and
- (2) Constructed so that part of the vehicle's weight and load rests on or is carried by another vehicle.

Truck-tractor. A motor vehicle designed and used primarily to draw another vehicle but not constructed to carry a load other than a part of the weight of the other vehicle and its load.

Sec. 12.04.002 Designated truck routes; defenses

(a) Except as otherwise provided herein, no person shall operate, leave, park, stand, load or unload, or permit to be operated, parked, loaded or unloaded any commercial motor vehicle, truck-tractor, semitrailer, pole trailer or any combination thereof on any street or alley that is not designated as a truck route under this article.

(b) ~~All state and federal highway~~ and the following locations within the city are hereby designated truck routes: West Lucas Road, all portions west of FM 1378, specifically

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(c) It shall be a defense to prosecution under this article if the vehicle is:

Deleted: (1) East Lucas Road (Branch Road) from Highway 1378 to the eastern city limits;¶
(2) West Lucas Road from Highway 1378 to the western city limits;¶
(3) Farm-to-Market 2170 (Estates Parkway) from Country Club Road to the western city limits;¶
(4) Farm-to-Market 2551 from the northern city limits to the southern city limits; and¶
(5) Country Club Road (FM 1378) from the northern city limits to the southern city limits.¶

- (1) An authorized emergency vehicle;
- (2) A vehicle operated by a public utility performing utility inspection, utility maintenance or utility repair activities on utility facilities within the city and owned or operated by that utility and such utility facilities are located off the designated truck routes as defined in this article;
- (3) A vehicle owned and operated by or for the city performing a public service, including but not limited to trash collection vehicles and street and water utility repair and maintenance vehicles;
- (4) A school bus or a bus operated by a mass transit authority;
- (5) A towable recreational vehicle; or
- (6) A vehicle traveling to or from a location which is not on a designated truck route for the purpose of providing repair or maintenance service to the vehicle or loading or unloading goods, wares or merchandise, provided such vehicle is operated

over the shortest practicable route, and the operator of such vehicle has in the operator's immediate possession evidence of the local destination and point of origin.

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Sec. 12.04.003 Signage; strict liability

(a) The city engineer, or other person designated by the city manager, in compliance with the Texas Manual on Uniform Traffic Control Devices, is hereby authorized to cause the placement of traffic control signs at appropriate locations to inform operators of the truck routes and through-truck zones. The absence of signage shall not be a defense to a prosecution under this article.

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(b) It is the intent of the city council of the city in adopting this article that an offense under this article be a strict liability offense; in the prosecution of an offense under this article, no pleading or proof of intent shall be required to establish the guilt of an accused.

(c) Any person violating any provision of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in the sum of not more than two hundred dollars (\$200.00) for each such violation.

~~Deleted: (Ordinance 2011-01-00670 adopted 1/6/11)~~

<u>Road</u>	<u>Extent</u>	<u>Speed (mph)</u>
Country Club Road (FM 1378)	Extending from the southern border of Hart Elementary on Country Club Rd., traveling north 1060' on Country Club Rd. (between flashing school zone signs)	35
Estelle Lane	Extending from the intersection of Country Club and Estelle Lane, traveling east on Estelle Lane 955' to O'Hara Dr.	20
Honeysuckle Lane	Extending from the intersection of Estelle Lane and Honeysuckle Lane, traveling northward 535' on Honeysuckle Lane.	20

(Ordinance 2004-01-00503, sec. 1, adopted 1/19/04; Ordinance adopting Code)

State law reference—Prima facie speed limits, V.T.C.A., Transportation Code, sec. 545.352.

<input type="checkbox"/>	Annexation
<input type="checkbox"/>	Disannexation
<input checked="" type="checkbox"/>	Code of Ordinances
<input type="checkbox"/>	Other

ORDINANCE # 2014-11-00801
[AMENDING CODE OF ORDINANCE CHAPTER 12]

AN ORDINANCE OF THE CITY OF LUCAS, TEXAS, AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 12 “TRAFFIC AND VEHICLES” BY AMENDING ARTICLE 12.01 “GENERAL PROVISIONS” BY DELETING SECTION 12.01.001 “BICYCLES AND SIMILAR VEHICLES PROHIBITED ON CERTAIN STREETS” IN ITS ENTIRETY; BY AMENDING ARTICLE 12.02 “TRAFFIC-CONTROL DEVICES” BY AMENDING SECTION 12.02.001 “AUTHORITY TO PLACE, ERECT AND MAINTAIN DEVICES”, BY AMENDING SECTION 12.02.002 “PRIMA FACIE EVIDENCE OF AUTHORIZED INSTALLATION”; BY AMENDING ARTICLE 12.03 “SPEED LIMITS” BY AMENDING SECTION 12.03.002 “SPECIFIC SPEED LIMITS”, BY DELETING SECTION 12.03.003 “POSTING OF SIGNS” IN ITS ENTIRETY; BY AMENDING ARTICLE 12.04 “TRUCKS AND TRUCK ROUTES” BY AMENDING SECTION 12.04.002 “DESIGNATED TRUCK ROUTES; DEFENSES”, BY AMENDING SECTION 12.04.003 “SIGNAGE; STRICT LIABILITY”; PROVIDING A REPEALING CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO HUNDRED DOLLARS (\$200.00) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LUCAS, TEXAS:

SECTION 1. That the Code of Ordinances of the City of Lucas, Texas be, and the same is, hereby amended by amending Chapter 12 “Traffic and Vehicles”, to read as follows:

“CHAPTER 12
TRAFFIC AND VEHICLES

ARTICLE 12.01 GENERAL PROVISIONS

Sec. 12.01.001 Reserved

ARTICLE 12.02 TRAFFIC-CONTROL DEVICES

Sec. 12.02.001 Authority to place, erect and maintain devices

(a) The city engineer is authorized by the city council to place and erect such traffic-control devices which the city engineer deems to be warranted in accordance with provisions or

requirements of the “Manual on Uniform Traffic-Control Devices” or as required by ordinances of the city.

(b) The city engineer or the city engineer’s designee shall cause traffic-control devices that are in place to be removed if it is determined that these devices are no longer needed for the safety or welfare of the traveling public.

(c) The city engineer shall also make continuous studies of the movement of traffic on the streets of the city and shall make periodic recommendations to the city manager as to necessary regulations, practices and controls for the safe and prompt movement of traffic within the city. The city engineer shall perform such duties as may be required by the city manager. The city engineer may test all forms of traffic-control devices under actual conditions of traffic.

(d) The city engineer shall direct the location of all future traffic-control signs, signals and markings. The city engineer shall have the duty of erecting or installing upon, over, along or beside any highway, street or alley, signs, signals and markings, or cause the same to be erected, installed or placed in accordance with this article and consistent with the “Manual on Uniform Traffic-Control Devices” from time-to-time as may be deemed necessary to regulate or guide traffic in and through the city during unusual circumstances or situations where it is necessary to alter the flow of traffic on a temporary basis to protect the health, life, order and security of the city or its citizens. The city engineer shall remove such signs, signals and markings within a reasonable time after the unusual circumstances or situations cease to exist.

Sec. 12.02.002 Prima facie evidence of authorized installation

It shall be unlawful for any person other than the city manager or the city manager’s designee, acting pursuant to an ordinance of the city council, to install or cause to be installed any traffic-control device, sign, signal or marking purporting to direct the use of the streets or the activities on those streets of pedestrians, vehicles, motor vehicles or animals. It shall be proof in any prosecution of a violation of this article or any traffic ordinance of the city that any traffic-control device, sign, signal or marking was actually in place on any street shall constitute prima facie evidence that such device, sign, signal or marking was installed by the city manager or the city manager’s designee pursuant to the authority of this article and of the ordinance directing the installation of such device, sign, signal or marking.

...

ARTICLE 12.03 SPEED LIMITS

...

Sec. 12.03.002 Specific speed limits

(a) No person shall drive or operate a motor vehicle on any public street or highway within the territorial limits of the city at a greater rate of speed than 30 miles per hour unless posted otherwise as defined in (c) of this section.

(b) No person shall drive or operate a motor vehicle on any alley within the territorial limits of the city at a greater rate of speed than 15 miles per hour unless otherwise designated herein.

(c) On the hereinafter designated streets, or portions thereof, the speed designated herein shall be the prima facie maximum speed limit, and any speed in excess thereof shall be prima facie evidence that such speed is not reasonable or prudent and that it is unlawful. Such streets, or portions thereof, being more particularly described:

<u>Road</u>	<u>Extent</u>	<u>Speed Limit</u>
West Lucas Road	All portions west of FM 1378, specifically	50
Brockdale Park Road	All portions within the city, generally	40
FM 1378	All portions within the city, generally	50
FM 3286	All portions from FM 1378 to Winningkoff Road, specifically	45
FM 3286	All portions from Winningkoff Road to the eastern city limits, specifically	60
FM 2170	From west city limits to all portions west of a point 2,440 feet east of Rock Ridge Road to the western city limits, specifically east boundary of High School	50
FM 2170	All portions from FM 1378 to a point 2,440 feet east of Rock Ridge Road, specifically	55
Forest Grove Road	All portions within the city, generally	40
Orr Lane	All portions within the city, generally	40
FM 2514	All portions within the city, generally	55
Rock Ridge Road	All portions within the city, generally	35
Stinson Road	All portions within the city, generally	40
Winningkoff Road	All portions within the city, generally	35

(d) A person commits an offense if that person operates or drives a vehicle in a school zone in the following designated areas or on the following designated streets at a speed greater than the speed designated by this section for that area or street or portion thereof, and any speed in excess of the limit provided in this section shall be prima facie evidence that the speed is not reasonable nor prudent and is unlawful. Based on recommendations of the traffic engineer, determined based on engineering and traffic surveys, the city council shall designate school zones with appropriate street markings, warnings or signs, which street markings, warnings or signs shall be placed at the school zones by the traffic engineer. The speed limit designated for school zones shall be effective only at times when appropriate flashing warnings and/or signs advising motorists of the speed limit are placed in conspicuous places.

(e) In accordance with the recommendations of the city engineer, the following designated locations, measured from centerline of roadway to centerline of roadway, and areas are declared

to be school zones and the maximum speed limit for all motor vehicles operated within such areas and locations and on such streets on school days, when either a flashing warning signal is in operation, or when appropriate signs are in place and conspicuous shall be as follows:

(1) *Heart Elementary School:*

- (A) FM 1378, Thirty-five (35) miles per hour, from a point one hundred (100) feet north of Estates Road to a point one hundred (100) feet south of Estelle Lane;
- (B) Estelle Lane, Twenty (20) miles per hour, from a point two hundred (200) feet east of FM 1378 to a point one hundred (100) feet west of O'Hara Drive.

(f) School days, as that term is used herein, shall be each Monday through Friday throughout the calendar year when the school nearest the school zone is in session, and for purposes of this speed ordinance, shall include the time period between the hours of 7:00 a.m. and 5:00 p.m. on such days.

(g) It shall be unlawful for any person to drive or operate a motor vehicle through a school zone as designated and established herein during such periods of time, on school days, when there is either a flashing warning signal in operation cautioning motorists to proceed with care; or, when appropriate signs are in place and conspicuous, in such a manner as to overtake and pass another vehicle being driven in the same direction upon the same street within said school zone.

(h) It shall be unlawful for any person to drive or operate a vehicle on a public street or highway through the school zones herein designated during the periods herein designated at a rate of speed in excess of the prima facie maximum speed limits herein designated for such school zones.

(i) Any person violating any provision of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in the sum of not more than two hundred dollars (\$200.00) for each such violation.

ARTICLE 12.04 TRUCKS AND TRUCK ROUTES

...

Sec. 12.04.002 Designated truck routes; defenses

...

(b) All state and federal highways and the following locations within the city are hereby designated truck routes: West Lucas Road, all portions west of FM 1378, specifically.

- (c) It shall be a defense a defense to prosecution under this article if the vehicle is:
 - (1) An authorized emergency vehicle;

...

- (6) A vehicle traveling to or from a location which is not on a designated truck route for the purpose of providing repair or maintenance service to the vehicle or loading or unloading goods, wares or merchandise, provided such vehicle is operated over the shortest practicable route, and the operator of such vehicle has in the operator's immediate possession evidence of the local destination and point of origin.

Sec. 12.04.003 Signage; strict liability

(a) The city engineer, or other person designated by the city manager, in compliance with the Texas Manual on Uniform Traffic Control Devices, is hereby authorized to cause the placement of traffic control signs at appropriate locations to inform operators of the truck routes and through-truck zones. The absence of signage shall not be a defense to a prosecution under this article.

...

(c) Any person violating any provision of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in the sum of not more than two hundred dollars (\$200.00) for each such violation.”

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. An offense committed before the effective date of the Ordinance is governed by prior law and the provisions of the City of Lucas Code of Ordinances in effect when the offense was committed and the former law is continued in effect for this purpose.

Section 5. Any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the City of Lucas Code of Ordinances, as amended, and upon conviction shall be punished by a fine not to exceed the sum of Two Hundred Dollars (\$200) for each offense, and each and every day such violation shall continue shall be deemed to constitute a separate offense.

Section 6. 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 6TH DAY OF NOVEMBER, 2014.

APPROVED:

Rebecca Mark, Mayor

APPROVED AS TO FORM:

ATTEST:

Joseph J. Gorfida, Jr., City Attorney
(10-22-14/68778)

Kathy Wingo, TRMC, MMC, City Secretary

<input type="checkbox"/>	Annexation
<input type="checkbox"/>	Disannexation
<input checked="" type="checkbox"/>	Code of Ordinances
<input type="checkbox"/>	Other

ORDINANCE # 2014-11-00801
[AMENDING CODE OF ORDINANCE CHAPTER 12]

AN ORDINANCE OF THE CITY OF LUCAS, TEXAS, AMENDING THE CODE OF ORDINANCES BY AMENDING CHAPTER 12 “TRAFFIC AND VEHICLES” BY AMENDING ARTICLE 12.01 “GENERAL PROVISIONS” BY DELETING SECTION 12.01.001 “BICYCLES AND SIMILAR VEHICLES PROHIBITED ON CERTAIN STREETS” IN ITS ENTIRETY; BY AMENDING ARTICLE 12.02 “TRAFFIC-CONTROL DEVICES” BY AMENDING SECTION 12.02.001 “AUTHORITY TO PLACE, ERECT AND MAINTAIN DEVICES”, BY AMENDING SECTION 12.02.002 “PRIMA FACIE EVIDENCE OF AUTHORIZED INSTALLATION”; BY AMENDING ARTICLE 12.03 “SPEED LIMITS” BY AMENDING SECTION 12.03.002 “SPECIFIC SPEED LIMITS”, BY DELETING SECTION 12.03.003 “POSTING OF SIGNS” IN ITS ENTIRETY; BY AMENDING ARTICLE 12.04 “TRUCKS AND TRUCK ROUTES” BY AMENDING SECTION 12.04.002 “DESIGNATED TRUCK ROUTES; DEFENSES”, BY AMENDING SECTION 12.04.003 “SIGNAGE; STRICT LIABILITY”; PROVIDING A REPEALING CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO HUNDRED DOLLARS (\$200.00) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

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TRAFFIC AND VEHICLES

ARTICLE 12.01 GENERAL PROVISIONS

Sec. 12.01.001 Reserved

ARTICLE 12.02 TRAFFIC-CONTROL DEVICES

Sec. 12.02.001 Authority to place, erect and maintain devices

(a) The city engineer is authorized by the city council to place and erect such traffic-control devices which the city engineer deems to be warranted in accordance with provisions or

requirements of the “Manual on Uniform Traffic-Control Devices” or as required by ordinances of the city.

(b) The city engineer or the city engineer’s designee shall cause traffic-control devices that are in place to be removed if it is determined that these devices are no longer needed for the safety or welfare of the traveling public.

(c) The city engineer shall also make continuous studies of the movement of traffic on the streets of the city and shall make periodic recommendations to the city manager as to necessary regulations, practices and controls for the safe and prompt movement of traffic within the city. The city engineer shall perform such duties as may be required by the city manager. The city engineer may test all forms of traffic-control devices under actual conditions of traffic.

(d) The city engineer shall direct the location of all future traffic-control signs, signals and markings. The city engineer shall have the duty of erecting or installing upon, over, along or beside any highway, street or alley, signs, signals and markings, or cause the same to be erected, installed or placed in accordance with this article and consistent with the “Manual on Uniform Traffic-Control Devices” from time-to-time as may be deemed necessary to regulate or guide traffic in and through the city during unusual circumstances or situations where it is necessary to alter the flow of traffic on a temporary basis to protect the health, life, order and security of the city or its citizens. The city engineer shall remove such signs, signals and markings within a reasonable time after the unusual circumstances or situations cease to exist.

Sec. 12.02.002 Prima facie evidence of authorized installation

It shall be unlawful for any person other than the city manager or the city manager’s designee, acting pursuant to an ordinance of the city council, to install or cause to be installed any traffic-control device, sign, signal or marking purporting to direct the use of the streets or the activities on those streets of pedestrians, vehicles, motor vehicles or animals. It shall be proof in any prosecution of a violation of this article or any traffic ordinance of the city that any traffic-control device, sign, signal or marking was actually in place on any street shall constitute prima facie evidence that such device, sign, signal or marking was installed by the city manager or the city manager’s designee pursuant to the authority of this article and of the ordinance directing the installation of such device, sign, signal or marking.

...

ARTICLE 12.03 SPEED LIMITS

...

Sec. 12.03.002 Specific speed limits

(a) No person shall drive or operate a motor vehicle on any public street or highway within the territorial limits of the city at a greater rate of speed than 30 miles per hour unless posted otherwise as defined in (c) of this section.

(b) No person shall drive or operate a motor vehicle on any alley within the territorial limits of the city at a greater rate of speed than 15 miles per hour unless otherwise designated herein.

(c) On the hereinafter designated streets, or portions thereof, the speed designated herein shall be the prima facie maximum speed limit, and any speed in excess thereof shall be prima facie evidence that such speed is not reasonable or prudent and that it is unlawful. Such streets, or portions thereof, being more particularly described:

<u>Road</u>	<u>Extent</u>	<u>Speed Limit</u>
West Lucas Road	All portions west of FM 1378, specifically	50
Brockdale Park Road	All portions within the city, generally	40
FM 1378	All portions within the city, generally	50
FM 3286	All portions from FM 1378 to Winningkoff Road, specifically	45
FM 3286	All portions from Winningkoff Road to the eastern city limits, specifically	60
FM 2170	From west city limits to all portions west of a point 2,440 feet east of Rock Ridge Road to the western city limits, specifically east boundary of High School	50
FM 2170	All portions from FM 1378 to a point 2,440 feet east of Rock Ridge Road, specifically	55
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Rock Ridge Road	All portions within the city, generally	35
Stinson Road	All portions within the city, generally	40
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(d) A person commits an offense if that person operates or drives a vehicle in a school zone in the following designated areas or on the following designated streets at a speed greater than the speed designated by this section for that area or street or portion thereof, and any speed in excess of the limit provided in this section shall be prima facie evidence that the speed is not reasonable nor prudent and is unlawful. Based on recommendations of the traffic engineer, determined based on engineering and traffic surveys, the city council shall designate school zones with appropriate street markings, warnings or signs, which street markings, warnings or signs shall be placed at the school zones by the traffic engineer. The speed limit designated for school zones shall be effective only at times when appropriate flashing warnings and/or signs advising motorists of the speed limit are placed in conspicuous places.

(e) In accordance with the recommendations of the city engineer, the following designated locations, measured from centerline of roadway to centerline of roadway, and areas are declared to be school zones and the maximum speed limit for all motor vehicles operated within such areas and locations and on such streets on school days, when either a flashing warning signal is in operation, or when appropriate signs are in place and conspicuous shall be as follows:

(1) *Hart Elementary School:*

- (A) FM 1378, Thirty-five (35) miles per hour, from a point one hundred (100) feet north of Estates Road to a point one hundred (100) feet south of Estelle Lane;
- (B) Estelle Lane, Twenty (20) miles per hour, from a point two hundred (200) feet east of FM 1378 to a point one hundred (100) feet west of O'Hara Drive.

(f) School days, as that term is used herein, shall be each Monday through Friday throughout the calendar year when the school nearest the school zone is in session, and for purposes of this speed ordinance, shall include the time period between the hours of 7:00 a.m. and 5:00 p.m. on such days.

(g) It shall be unlawful for any person to drive or operate a motor vehicle through a school zone as designated and established herein during such periods of time, on school days, when there is either a flashing warning signal in operation cautioning motorists to proceed with care; or, when appropriate signs are in place and conspicuous, in such a manner as to overtake and pass another vehicle being driven in the same direction upon the same street within said school zone.

(h) It shall be unlawful for any person to drive or operate a vehicle on a public street or highway through the school zones herein designated during the periods herein designated at a rate of speed in excess of the prima facie maximum speed limits herein designated for such school zones.

(i) Any person violating any provision of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in the sum of not more than two hundred dollars (\$200.00) for each such violation.

ARTICLE 12.04 TRUCKS AND TRUCK ROUTES

...

Sec. 12.04.002 Designated truck routes; defenses

...

(b) All state and federal highways and the following locations within the city are hereby designated truck routes: West Lucas Road, all portions west of FM 1378, specifically.

(c) It shall be a defense a defense to prosecution under this article if the vehicle is:

(1) An authorized emergency vehicle;

...

(6) A vehicle traveling to or from a location which is not on a designated truck route for the purpose of providing repair or maintenance service to the vehicle or loading or unloading goods, wares or merchandise, provided such vehicle is operated over the shortest practicable route, and the operator of such vehicle has in the operator's immediate possession evidence of the local destination and point of origin.

Sec. 12.04.003 Signage; strict liability

(a) The city engineer, or other person designated by the city manager, in compliance with the Texas Manual on Uniform Traffic Control Devices, is hereby authorized to cause the placement of traffic control signs at appropriate locations to inform operators of the truck routes and through-truck zones. The absence of signage shall not be a defense to a prosecution under this article.

...

(c) Any person violating any provision of this section shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in the sum of not more than two hundred dollars (\$200.00) for each such violation.”

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. An offense committed before the effective date of the Ordinance is governed by prior law and the provisions of the City of Lucas Code of Ordinances in effect when the offense was committed and the former law is continued in effect for this purpose.

Section 5. Any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the City of Lucas Code of Ordinances, as amended, and upon conviction shall be punished by a fine not to exceed the sum

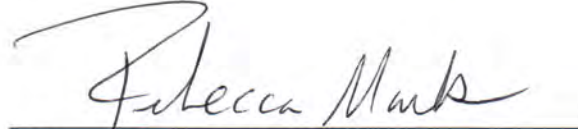
of Two Hundred Dollars (\$200) for each offense, and each and every day such violation shall continue shall be deemed to constitute a separate offense.

Section 6. 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 6TH DAY OF NOVEMBER, 2014.

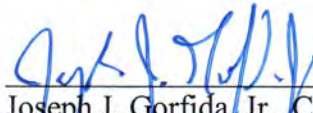


APPROVED:



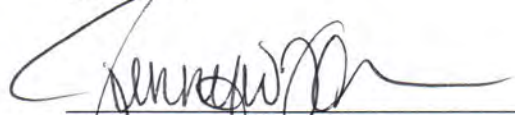
Rebecca Mark, Mayor

APPROVED AS TO FORM:



Joseph J. Gorfida, Jr., City Attorney
(10-22-14/68778)

ATTEST:



Jennifer Faircloth, TRMC, Administrative Assistant

There was no one present to speak FOR/AGAINST this item.

The Public Hearing was close at 7:31 p.m.

MOTION: Councilmember Wayne Millsap made a Motion to approve a change in from AO to C (Commercial Business) for annexed tract of land, 30 acres±, situated in the Ann S. Hurt Survey, Abstract No. 428 and the James Lovelady Survey, Abstract No. 538 and being all of a tract of land conveyed to Lovejoy Independent School District as recorded in volume 2002-0137893 of the Deed of Records Collin County, Texas, more commonly known as Willow Springs Middle School located at 1101 W. Lucas Road. Councilmember Philip Lawrence seconded the Motion. Motion carried. Vote: 7-0.

- 5) A change in zoning from R-2 to C (commercial business) for a parcel of land, 0.9723 acres±, situated in the Jas Grayum Survey, Abstract No. A0354, Tract 50, more commonly known as 1820 Country Club.
- a) Presentation by Development Services Director Joe Hilbourn.
 - b) Conduct 2nd Public Hearing (the 1st Public Hearing was held on November 6, 2014, 6:00 p.m. by the Planning & Zoning Commission.
 - c) Discuss and consider

Mayor Rebecca Mark pulled this item from the agenda the Planning and Zoning Commission denied this item during the November 6th Planning and Zoning meeting.

- 6) Consider the proposed regulations regarding the installation of fences, permitting of fences, requirements for fences, and style of fences.

Mayor Rebecca Mark pulled this item from the agenda the Planning and Zoning Commission tabled this item during the November 6th Planning and Zoning meeting until the next regularly scheduled meeting.

- 7) Consider Ordinance #2014-11-00801 concerning proposed changes to the City of Lucas Code of Ordinances, Chapter 12, Traffic and Vehicles.

MOTION: Councilmember Jim Olk made a Motion to approve Ordinance #2014-114-00801 amending the City of Lucas Code of Ordinance, Chapter 12, Traffic and Vehicles with the only amendment correcting the spelling of Hart Elementary. Mayor Pro Tem Kathleen Peele seconded the Motion. Motion carried. Vote: 7-0.

- 8) Consider providing feedback to staff regarding the 2014 Founder's Day event, and set a date for the 2015 Founder's Day event.

MOTION: Councilmember Debbie Fisher made a Motion to set the date of October 24, 2015 for the City of Lucas' Founder's Day event. Councilmember Steve Duke seconded the Motion. Motion carried. Vote: 7-0.

- 9) Consider the appointment of Randy Barnes to serve on the Board of Adjustments for a two (2) year term, term being November 1, 2014 through October 31, 2016.

MOTION: Mayor Pro Tem Kathleen Peele made a Motion to appoint Randy Barnes to serve on the Board of Adjustments for a two (2) year term, term being November 1, 2014 through October 31, 2016. Councilmember Jim Olk seconded the Motion. Motion carried. Vote: 7-0.

Executive Session

The City Council convened into Executive Session at 7:58 p.m.

- 10) The City Council pursuant to Section 551.074(a)(1) of the Texas Government Code (Personnel Matters) may convene into Executive Session to deliberate the employment, reassignment, duties, discipline, or dismissal of the City Secretary.

Regular Agenda

The City Council reconvened into Regular Session at 9:03 p.m.

- 11) Take any action as necessary as a result of the Executive Session.



City of Lucas
Public Works/Engineering
665 Country Club Road
Lucas, Texas 75002-7651
(972) 912-1208
www.lucastexas.us
Stanton@LucasTexas.us

February 27, 2017

Note to File

RE: Traffic Control Devices at the Estelle Lane/Wendy Lane Intersection

Using the Texas Manual on Uniform Traffic Control Devices, 2011 Edition-Revision 2, as a guide, I have reviewed and studied the need for stop sign control at the above intersection. I am of the opinion that no control is necessary on Estelle Lane and a yield sign is necessary for southbound Wendy Lane.

My opinion is based on the following:

- 1) There is adequate sight distance in all three approach directions.
- 2) There have been no reported accidents at the intersection within the past 12 months (January 2016 to December 2016).
- 3) Application of standard and general engineering knowledge and practice.



Stanton Foerster, PE
Public Works Director/City Engineer

3/16/2017	Wendy Lane Southbound	Estelle Ln Eastbound	Estelle Ln Westbound
7:00 AM	0	1	4
7:10 AM	2	2	4
7:20 AM	1	4	2
7:30 AM	1	2	8
7:40 AM	0	3	9
7:50 AM	0	3	6
8:00 AM	1	4	7
8:10 AM	0	2	4
8:20 AM	1	4	10
8:30 AM	0	3	8
8:40 AM	1	2	6
8:50 AM	1	3	9
9:00 AM	2	4	5
9:10 AM	1	5	6
9:20 AM	1	11	4
9:30 AM	1	5	8
9:40 AM	3	3	6
9:50 AM	2	9	2
3 Hr Totals	18	70	108

3/22/2017	Wendy Lane Southbound	Estelle Ln Eastbound	Estelle Ln Westbound
7:00 AM	0	3	12
7:10 AM	1	7	14
7:20 AM	1	3	22
7:30 AM	6	5	20
7:40 AM	1	6	13
7:50 AM	2	16	18
8:00 AM	1	15	15
8:10 AM	3	7	28
8:20 AM	2	5	21
8:30 AM	2	6	21
8:40 AM	2	7	8
8:50 AM	0	7	10
9:00 AM	1	1	6
9:10 AM	1	9	12
9:20 AM	2	1	4
9:30 AM	0	4	7
9:40 AM	1	5	7
9:50 AM	1	11	6
3 Hr Totals	27	118	244



City of Lucas
Public Works/Engineering
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Lucas, Texas 75002-7651
(972) 912-1208
www.lucastexas.us
Stanton@LucasTexas.us

November 8, 2016

Note to File

RE: Stop Sign Control at the Winningkoff Road/Snider Lane Intersection

Using the Texas Manual on Uniform Traffic Control Devices, 2011 Edition-Revision 2, as a guide, I have reviewed and studied the need for stop sign control at the above intersection. I am of the opinion that control is necessary on all three approaches to the intersection.

My opinion is based on the following:

- 1) There is inadequate sight distance in all three approach directions.
- 2) Application of standard and general engineering knowledge and practice.



Stanton Foerster, PE
Public Works Director/City Engineer



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November 8, 2016

Note to File

RE: Stop Sign Control at the Winningkoff Road/Blondy Jhune Road Intersection

Using the Texas Manual on Uniform Traffic Control Devices, 2011 Edition-Revision 2, as a guide, I have reviewed and studied the need for stop sign control at the above intersection. I am of the opinion that no control is necessary on Winningkoff Road and a yield sign is necessary for eastbound Blondy Jhune Road.

My opinion is based on the following:

- 1) There is adequate sight distance in all three approach directions.
- 2) There have been no reported accidents at the intersection within the past 12 months (July 2015 to July 2016).
- 3) The eight-hour average entrance volume was 97 units in 2015.
- 4) Application of standard and general engineering knowledge and practice.



Stanton Foerster, PE
Public Works Director/City Engineer

Street	Date	Volume Vehicles Per Day	Location
Blondy Jhune Road	May 2014	483 Eastbound only	West of Winningkoff Rd
Blondy Jhune Road	October 2015	1087	East of Mary Lee Ln
Blondy Jhune Road	October 2015	999	West of Winningkoff Rd
Blondy Jhune Road	October 2015	1395	East of Country Club Rd
Brockdale Park Road	August 2013	208	South of E Lucas Rd
Estates Parkway	February 2014	15066	At Rock Ridge Rd
Estelle Lane	March 2017	178 w/o School	At Wendy Lane AM 3hr Peak
Estelle Lane	March 2017	362 w/School	At Wendy Lane AM 3hr Peak
Lewis Lane	August 2013	348	South of W Lucas Rd
Lewis Lane	April 2017	946	South of W Lucas Rd
Rock Ridge Road	February 2014	1581	North of Estates Pkwy
Stinson Road	August 2013	775	North of Highland Dr
Winningkoff Road	May 2014	871	At Blondy Jhune Rd
Winningkoff Road	May 2014	962	North of E Lucas Rd
Winningkoff Road	October 2015	1079	North of E Lucas Rd



City of Lucas
City Council Meeting
April 6, 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 7:01 p.m.

City Councilmembers Present:

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

Staff Present:

City Manager Joni Clarke
City Attorney Julie Doshier
City Secretary Stacy Henderson
Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster
Fire Chief Ted Stephens

Councilmember Wayne Millsap

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.

Angelique DeWitt, 1105 Ramsey, Lucas spoke in opposition to the stop sign removal at Estelle and Wendy Lane noting her concerns related to speeding traffic and additional accidents that could occur.

Gina Ferrall, 980 Wendy Lane, spoke in opposition to removal of the stop sign at Estelle and Wendy Lane and submitted to the City Council a detailed letter outlining her concerns and that further studies were needed to determine if removing the sign was warranted.

Robin Wells, 670 Wendy Lane, spoke in opposition to removal of the stop at Estelle and Wendy Lane.

Pedro and Amber Silverio, 251 E. Blondy Jhune Road, spoke regarding concerns related to the development next to their property under construction that was causing drainage issues on their property, debris on site, a berm that had been constructed higher than was depicted on the approved site plan and culvert piping that had not been constructed according to their drainage plan.

Development Services Director Joe Hilbourn noted that he would contact Mr. and Mrs. Silverio to update them on plans for the property and address any concerns.

Mayor Olk asked that an item be placed on a future agenda regarding stop signs so that the City Council may discuss the item further.

Community Interest

2. Community Interest Items.

- A. **Presentation of Proclamation to Deputy Brent Collins of the Collin County Sherriff's office honoring his extraordinary efforts.**

Mayor Olk presented the Proclamation to Deputy Collins and thanked him for his extraordinary efforts in protecting the citizens of Lucas.

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

Mayor Olk and Councilmember Fisher attended a meeting hosted by the Regional Transportation Council in McKinney regarding the growth and transportation issues in Collin County. Mayor Olk stated that RTC was proposing to widen some roadways within the County and is working with surrounding cities to determine the best options for each city.

Councilmember Fisher noted that Senate Bill 17 related to franchise taxes was a bill that she was currently following this legislative session.

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 consideration to the Board of Adjustment.**

The City Council convened into Executive Session at 7:21pm.

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

The City Council reconvened into open session at 7:34 pm.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to appoint James Foster as an alternate member to the Board of Adjustment. The motion passed unanimously by a 6 to 0 vote.*

Consent Agenda

5. **Approval of the minutes of the March 16, 2017 City Council meeting.**
6. **Approval of Resolution R 2017-04-00458 authorizing the Mayor to enter into an interlocal agreement between the City of Lucas and the North Central Texas Council of Governments (NCTCOG) for 911 data for emergency service notifications.**

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Duke to approve the Consent Agenda as presented. The motion passed unanimously by a 6 to 0 vote.*

Public Hearing

- 7. Hold a public hearing and consider adopting Ordinance 2017-04-00853 amending the City of Lucas Code of Ordinances, Chapter 14 Zoning, Article 14.03, Division 15 titled "Schedule of Uses" by removing self-storage as a permitted use within the Village Center (VC) zoning district.**

Development Services Director Joe Hilbourn recommended that self-storage be removed as an allowable use within the Village Center zoning district.

Mayor Olk opened the public hearing at 7:38pm, there being no one wishing to speak, the public hearing was closed.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to adopt Ordinance 2017-04-00853 amending the City of Lucas Code of Ordinances, Chapter 14 Zoning, Article 14.03, Division 15 titled "Schedule of Uses" by removing self-storage as a permitted use within the Village Center zoning district. The motion passed unanimously by a 6 to 0 vote.*

- 8. Hold a public hearing and consider adopting Ordinance 2017-04-00852 amend the existing specific use permit for Lucas Self Storage, a self-storage facility located at 575 Angel Parkway, on a parcel of land containing 4.417 acres and expanding their facility by including an additional 2.963-acre parcel, adding additional buildings and caretaker living facilities.**

Development Services Director Joe Hilbourn gave a presentation discussing details of the existing facility and proposed amendments.

Mayor Pro Tem Peele discussed the need for additional units given the existing facility was not yet completed, and Councilmember Fisher expressed concern regarding the impact on drainage the existing facility has had on surrounding residential properties.

Mr. Feagin, the applicant for Lucas Self Storage, came forward and discussed the need for additional storage based on homes located within a 3-mile radius of the facility, and the benefit of having an onsite manager that provide additional security for the facility.

Mayor Olk opened the public hearing at 7:51pm and called the following individuals forward that requested to speak:

The following individuals came forward to speak in opposition to the request discussing drainage issues/erosion they were having on their property due to the self-storage development:

- Anita Ahmadi, 2540 McGarity
- Raymond Helton, 2350 McGarity
- Robin Ahmadi, 2540 McGarity
- Javier Vega, 405 Pennington
- Gul Khan, 400 Pennington

- Pedro Silverio, 251 E. Blondy Jhune Road asked the Council to have an engineer review the drainage on the self-storage site.

Mayor Olk closed the public hearing at 8:05 pm.

The City Council discussed the best use for the property, the need for additional self-storage units and what benefit adding additional units would provide for the City. The Council also wanted to address drainage concerns with the existing self-storage development.

MOTION: *A motion was made by Councilmember Fisher, seconded by Councilmember Lawrence to deny the request to amend the existing specific use permit for Lucas Self-Storage, located at 575 Angel Parkway. The motion to deny passed unanimously by a 6 to 0 vote.*

Regular Agenda

- 9. Consider adopting Ordinance 2017-04-00851 amending Chapter 3 of the City of Lucas Code of Ordinances by adopting a Building and Standards Commission for the purposes of hearing cases involving the enforcement of municipal ordinances including substandard buildings.**

Mayor Olk explained that Chapter 54 of the Texas Local Government Code provides the ability for the City to implement a process that would allow for quasi-judicial enforcement of health and safety ordinances. He noted that the proposed ordinance appoints the Zoning Board of Adjustment to serve as the Building and Standards Commission and they would hear cases brought forward by City Staff.

City Attorney Julie Doshier discussed the authority of the Building and Standards Commission, the process in which cases would be brought forward to the Commission and the appeal process.

MOTION: *A motion was made by Mayor Olk, seconded by Councilmember Lawrence to adopt Ordinance 2017-04-00851 of the City Council of the City of Lucas, amending the Code of Ordinances by amending Chapter 3 titled "Building Regulations" by adding a new article 3.20 titled "Building and Standards Commission" providing provisions for determining cases concerning alleged violations of ordinances including substandard buildings; providing for the powers and duties of the Building and Standards Commission that are consistent with State law; providing for provisions regarding notice of hearings before the Building and Standards Commission and providing provisions for the appeal process. The motion passed unanimously by a 6 to 0 vote.*

- 10. Consider nomination of City Councilmember(s) to a Request for Qualifications selection committee for the evaluation of professional engineering services and appointment by the Mayor to said committee.**

Mayor Olk and Council appointed Councilmember Duke to the Request for Qualifications Selection Committee.

11. Consider setting a time to begin the April 20, 2017 Fire Control Prevention and EMS District meeting and the City Council meeting/Mid-Year Budget review meeting.

The City Council was in agreement to begin the April 20, 2017 Fire Control Prevention and EMS District meeting and City Council meeting at 6:30 pm.

12. Consider and authorize the City Manager to proceed with a professional services contract with BW2 Engineers, Inc. in the amount not to exceed of \$185,000 for the design of the Single Pressure Plane Facilities (water tower, pressure regulating valves, Wiltshire connections, and pump house).

MOTION: A motion was made by Councilmember Fisher, seconded by Mayor Pro Tem Peele to authorize the City Manager to proceed with a professional services contract with BW2 Engineers, Inc. in the amount not to exceed of \$185,000 for the design of the Single Pressure Plane Facilities including the water tower, pressure regulating valves, Wiltshire connections, and pump house. The motion passed unanimously by a 6 to 0 vote.

13. Consider approving the entire common boundary with the City of Parker and direct the City Manager to draft a new ordinance that defines the entire boundary with the City of Parker and repeals any previous such ordinances and agreements.

Public Works Director/City Engineer Stanton Foerster discussed with the Council clarifying the City of Lucas/City of Parker boundary lines in the area of the 800-foot section from the north side of 5480 Lewis Lane to the midpoint of 5544 Lewis Lane and the area near Bois D'arc Lane.

The City Council was in agreement to direct the City Manager to draft a new ordinance/agreement with the City of Parker defining the following boundaries:

- Centerline of Parker Road
- East right-of-way line of Lewis Lane
- South, East, North side of the Newman tract
- West right-of-way line of Lewis Lane
- West and north side of the Hendrix tract
- West right-of-way line of Lewis Lane
- South right-of-way line of W. Lucas Road

14. Discussion regarding the provision of law enforcement services by the Collin County Sheriff's Office.

Mayor Olk stated that he had asked the City Manager to research options related to law enforcement services such as partnering with other cities, cost associated with the City having its own police department, and the option of a public safety department.

City Manager Joni Clarke explained her findings noting that the cost to start the City's own police department would cost approximately \$1.5 to \$2 million and inquiries were made to the City of Allen regarding partnering for law enforcement services as well. Ms. Clarke stated that if the City considered starting its own public safety department, this would take substantial time. Ms. Clarke noted that the best option at this time, would be to continue partnering with Collin County for law

enforcement services. However, Ms. Clarke noted that Collin County Sheriff's Office was maintaining that Lucas would need to fund an additional two deputies and vehicles.

Mayor Pro Tem Peele expressed her concern that the City was being requested to provide additional funding for deputies that would not be dedicated to Lucas.

The City Council discussed the cost associated with starting their own police department compared to the services provided as part of the law enforcement partnership with the Collin County Sheriff's Office.

The City Council directed the City Manager to continue negotiating on behalf of the City with the Sheriff's Office and to receive written clarification regarding how the two additional deputies funded by the City of Lucas would be allocated, how the deputies would cover the City of Lucas and surrounding cities, respond to calls for assistance, and general operational matters.

- 15. Consider approving Resolution R-2017-04-00459 authorizing an interlocal agreement with Collin County, Texas concerning the acquisition of real property needed to realign and improve sections of existing Lucas Road (FM 1378) and Southview Drive (FM 3286) at or adjacent to their intersection in the City of Lucas, Collin County, Texas, and appropriating funds from the FY 16/17 General Fund Reserves.**

Councilmember Fisher explained that the improvements that will be made to this intersection would positively impact the surrounding neighborhood and existing cut-through traffic.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to approve Resolution R-2017-04-00459 authorizing an interlocal agreement with Collin County, Texas concerning the acquisition of real property needed to realign and improve sections of existing Lucas Road (FM 1378) and Southview Drive (FM 3286) at or adjacent to their intersection in the City of Lucas, Collin County, Texas, and appropriating funds from the FY 16/17 General Fund Reserves. The motion passed unanimously by a 6 to 0 vote.*

- 16. Consider accepting the resignation of Parks and Open Space Board Member Amber Patteson and promote Alternate Member 1 and 2 positions.**

MOTION: *A motion was made by Councilmember Baney, seconded by Councilmember Fisher to accept the resignation of Parks Board Member Amber Patteson and promote Alternate Member 1, Bill Esposito to a Regular Member position and promote Alternate Member 2, Joanne Doucet to the Alternate Member 1 position. The motion passed unanimously by a 6 to 0 vote.*

- 17. Discuss and finalize the Streets System section of the Capital Improvement Plan.**

Mayor Olk asked that the At-A-Glance portion of the CIP be updated to change the priority from high to routine for Item No. 7, and to provide project detail for Items 20 and 21 related to maintenance of multiple streets.

The City Council asked that the CIP be updated with the changes proposed and brought back to the Council for consideration.

18. Consider authorizing the City Manager to purchase 25 Hydro-Guard HG-6 Hydrant Automatic Flushing Units with test ports through the BuyBoard Competitive Purchasing (501-15) in an amount not to exceed \$59,396.55 plus shipping using Account 21-8210-490-123 Dead End Connections funds.

MOTION: *A motion was made by Councilmember Lawrence, seconded by Councilmember Duke to authorize the City Manager to purchase 25 Hydro-Guard HG-6 Hydrant Automatic Flushing Units with test ports through the BuyBoard Competitive Purchasing in an amount not to exceed \$59,396.55 plus shipping using Account 21-8210-490-123 Dead End Connections funds. The motion passed unanimously by a 6 to 0 vote.*

19. Adjournment.

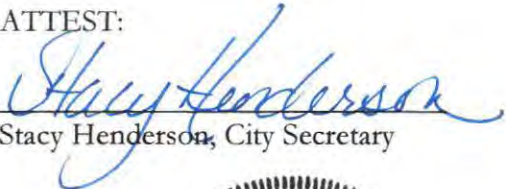
MOTION: *A motion was made by Mayor Olk, seconded by Councilmember Lawrence to adjourn the meeting at 9:31 pm. The motion passed unanimously by a 6 to 0 vote.*

APPROVED:



Jim Olk, Mayor

ATTEST:



Stacy Henderson, City Secretary





City of Lucas
City Council Meeting
April 6, 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 7:01 p.m.

City Councilmembers Present:

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

Staff Present:

City Manager Joni Clarke
City Attorney Julie Doshier
City Secretary Stacy Henderson
Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster
Fire Chief Ted Stephens

Councilmember Wayne Millsap

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.

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Development Services Director Joe Hilbourn noted that he would contact Mr. and Mrs. Silverio to update them on plans for the property and address any concerns.

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Community Interest

2. Community Interest Items.

A. Presentation of Proclamation to Deputy Brent Collins of the Collin County Sherriff's office honoring his extraordinary efforts.

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

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Executive Session

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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 consideration to the Board of Adjustment.

The City Council convened into Executive Session at 7:21pm.

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

The City Council reconvened into open session at 7:34 pm.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to appoint James Foster as an alternate member to the Board of Adjustment. The motion passed unanimously by a 6 to 0 vote.*

Consent Agenda

5. Approval of the minutes of the March 16, 2017 City Council meeting.

6. Approval of Resolution R 2017-04-00458 authorizing the Mayor to enter into an interlocal agreement between the City of Lucas and the North Central Texas Council of Governments (NCTCOG) for 911 data for emergency service notifications.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Duke to approve the Consent Agenda as presented. The motion passed unanimously by a 6 to 0 vote.*

Public Hearing

- 7. Hold a public hearing and consider adopting Ordinance 2017-04-00853 amending the City of Lucas Code of Ordinances, Chapter 14 Zoning, Article 14.03, Division 15 titled "Schedule of Uses" by removing self-storage as a permitted use within the Village Center (VC) zoning district.**

Development Services Director Joe Hilbourn recommended that self-storage be removed as an allowable use within the Village Center zoning district.

Mayor Olk opened the public hearing at 7:38pm, there being no one wishing to speak, the public hearing was closed.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to adopt Ordinance 2017-04-00853 amending the City of Lucas Code of Ordinances, Chapter 14 Zoning, Article 14.03, Division 15 titled "Schedule of Uses" by removing self-storage as a permitted use within the Village Center zoning district. The motion passed unanimously by a 6 to 0 vote.*

- 8. Hold a public hearing and consider adopting Ordinance 2017-04-00852 amend the existing specific use permit for Lucas Self Storage, a self-storage facility located at 575 Angel Parkway, on a parcel of land containing 4.417 acres and expanding their facility by including an additional 2.963-acre parcel, adding additional buildings and caretaker living facilities.**

Development Services Director Joe Hilbourn gave a presentation discussing details of the existing facility and proposed amendments.

Mayor Pro Tem Peele discussed the need for additional units given the existing facility was not yet completed, and Councilmember Fisher expressed concern regarding the impact on drainage the existing facility has had on surrounding residential properties.

Mr. Feagin, the applicant for Lucas Self Storage, came forward and discussed the need for additional storage based on homes located within a 3-mile radius of the facility, and the benefit of having an onsite manager that provide additional security for the facility.

Mayor Olk opened the public hearing at 7:51pm and called the following individuals forward that requested to speak:

The following individuals came forward to speak in opposition to the request discussing drainage issues/erosion they were having on their property due to the self-storage development:

- Anita Ahmadi, 2540 McGarity
- Raymond Helton, 2350 McGarity
- Robin Ahmadi, 2540 McGarity
- Javier Vega, 405 Pennington
- Gul Khan, 400 Pennington

- Pedro Silverio, 251 E. Blondy Jhune Road asked the Council to have an engineer review the drainage on the self-storage site.

Mayor Olk closed the public hearing at 8:05 pm.

The City Council discussed the best use for the property, the need for additional self-storage units and what benefit adding additional units would provide for the City. The Council also wanted to address drainage concerns with the existing self-storage development.

MOTION: *A motion was made by Councilmember Fisher, seconded by Councilmember Lawrence to deny the request to amend the existing specific use permit for Lucas Self-Storage, located at 575 Angel Parkway. The motion to deny passed unanimously by a 6 to 0 vote.*

Regular Agenda

- 9. Consider adopting Ordinance 2017-04-00851 amending Chapter 3 of the City of Lucas Code of Ordinances by adopting a Building and Standards Commission for the purposes of hearing cases involving the enforcement of municipal ordinances including substandard buildings.**

Mayor Olk explained that Chapter 54 of the Texas Local Government Code provides the ability for the City to implement a process that would allow for quasi-judicial enforcement of health and safety ordinances. He noted that the proposed ordinance appoints the Zoning Board of Adjustment to serve as the Building and Standards Commission and they would hear cases brought forward by City Staff.

City Attorney Julie Doshier discussed the authority of the Building and Standards Commission, the process in which cases would be brought forward to the Commission and the appeal process.

MOTION: *A motion was made by Mayor Olk, seconded by Councilmember Lawrence to adopt Ordinance 2017-04-00851 of the City Council of the City of Lucas, amending the Code of Ordinances by amending Chapter 3 titled "Building Regulations" by adding a new article 3.20 titled "Building and Standards Commission" providing provisions for determining cases concerning alleged violations of ordinances including substandard buildings; providing for the powers and duties of the Building and Standards Commission that are consistent with State law; providing for provisions regarding notice of hearings before the Building and Standards Commission and providing provisions for the appeal process. The motion passed unanimously by a 6 to 0 vote.*

- 10. Consider nomination of City Councilmember(s) to a Request for Qualifications selection committee for the evaluation of professional engineering services and appointment by the Mayor to said committee.**

Mayor Olk and Council appointed Councilmember Duke to the Request for Qualifications Selection Committee.

11. **Consider setting a time to begin the April 20, 2017 Fire Control Prevention and EMS District meeting and the City Council meeting/Mid-Year Budget review meeting.**

The City Council was in agreement to begin the April 20, 2017 Fire Control Prevention and EMS District meeting and City Council meeting at 6:30 pm.

12. **Consider and authorize the City Manager to proceed with a professional services contract with BW2 Engineers, Inc. in the amount not to exceed of \$185,000 for the design of the Single Pressure Plane Facilities (water tower, pressure regulating valves, Wiltshire connections, and pump house).**

***MOTION:** A motion was made by Councilmember Fisher, seconded by Mayor Pro Tem Peele to authorize the City Manager to proceed with a professional services contract with BW2 Engineers, Inc. in the amount not to exceed of \$185,000 for the design of the Single Pressure Plane Facilities including the water tower, pressure regulating valves, Wiltshire connections, and pump house. The motion passed unanimously by a 6 to 0 vote.*

13. **Consider approving the entire common boundary with the City of Parker and direct the City Manager to draft a new ordinance that defines the entire boundary with the City of Parker and repeals any previous such ordinances and agreements.**

Public Works Director/City Engineer Stanton Foerster discussed with the Council clarifying the City of Lucas/City of Parker boundary lines in the area of the 800-foot section from the north side of 5480 Lewis Lane to the midpoint of 5544 Lewis Lane and the area near Bois D'arc Lane.

The City Council was in agreement to direct the City Manager to draft a new ordinance/agreement with the City of Parker defining the following boundaries:

- Centerline of Parker Road
- East right-of-way line of Lewis Lane
- South, East, North side of the Newman tract
- West right-of-way line of Lewis Lane
- West and north side of the Hendrix tract
- West right-of-way line of Lewis Lane
- South right-of-way line of W. Lucas Road

14. **Discussion regarding the provision of law enforcement services by the Collin County Sheriff's Office.**

Mayor Olk stated that he had asked the City Manager to research options related to law enforcement services such as partnering with other cities, cost associated with the City having its own police department, and the option of a public safety department.

City Manager Joni Clarke explained her findings noting that the cost to start the City's own police department would cost approximately \$1.5 to \$2 million and inquiries were made to the City of Allen regarding partnering for law enforcement services as well. Ms. Clarke stated that if the City considered starting its own public safety department, this would take substantial time. Ms. Clarke noted that the best option at this time, would be to continue partnering with Collin County for law

enforcement services. However, Ms. Clarke noted that Collin County Sheriff's Office was maintaining that Lucas would need to fund an additional two deputies and vehicles.

Mayor Pro Tem Peele expressed her concern that the City was being requested to provide additional funding for deputies that would not be dedicated to Lucas.

The City Council discussed the cost associated with starting their own police department compared to the services provided as part of the law enforcement partnership with the Collin County Sheriff's Office.

The City Council directed the City Manager to continue negotiating on behalf of the City with the Sheriff's Office and to receive written clarification regarding how the two additional deputies funded by the City of Lucas would be allocated, how the deputies would cover the City of Lucas and surrounding cities, respond to calls for assistance, and general operational matters.

- 15. Consider approving Resolution R-2017-04-00459 authorizing an interlocal agreement with Collin County, Texas concerning the acquisition of real property needed to realign and improve sections of existing Lucas Road (FM 1378) and Southview Drive (FM 3286) at or adjacent to their intersection in the City of Lucas, Collin County, Texas, and appropriating funds from the FY 16/17 General Fund Reserves.**

Councilmember Fisher explained that the improvements that will be made to this intersection would positively impact the surrounding neighborhood and existing cut-through traffic.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to approve Resolution R-2017-04-00459 authorizing an interlocal agreement with Collin County, Texas concerning the acquisition of real property needed to realign and improve sections of existing Lucas Road (FM 1378) and Southview Drive (FM 3286) at or adjacent to their intersection in the City of Lucas, Collin County, Texas, and appropriating funds from the FY 16/17 General Fund Reserves. The motion passed unanimously by a 6 to 0 vote.*

- 16. Consider accepting the resignation of Parks and Open Space Board Member Amber Patteson and promote Alternate Member 1 and 2 positions.**

MOTION: *A motion was made by Councilmember Baney, seconded by Councilmember Fisher to accept the resignation of Parks Board Member Amber Patteson and promote Alternate Member 1, Bill Esposito to a Regular Member position and promote Alternate Member 2, Joanne Doucet to the Alternate Member 1 position. The motion passed unanimously by a 6 to 0 vote.*

- 17. Discuss and finalize the Streets System section of the Capital Improvement Plan.**

Mayor Olk asked that the At-A-Glance portion of the CIP be updated to change the priority from high to routine for Item No. 7, and to provide project detail for Items 20 and 21 related to maintenance of multiple streets.

The City Council asked that the CIP be updated with the changes proposed and brought back to the Council for consideration.

18. Consider authorizing the City Manager to purchase 25 Hydro-Guard HG-6 Hydrant Automatic Flushing Units with test ports through the BuyBoard Competitive Purchasing (501-15) in an amount not to exceed \$59,396.55 plus shipping using Account 21-8210-490-123 Dead End Connections funds.

MOTION: *A motion was made by Councilmember Lawrence, seconded by Councilmember Duke to authorize the City Manager to purchase 25 Hydro-Guard HG-6 Hydrant Automatic Flushing Units with test ports through the BuyBoard Competitive Purchasing in an amount not to exceed \$59,396.55 plus shipping using Account 21-8210-490-123 Dead End Connections funds. The motion passed unanimously by a 6 to 0 vote.*

19. Adjournment.

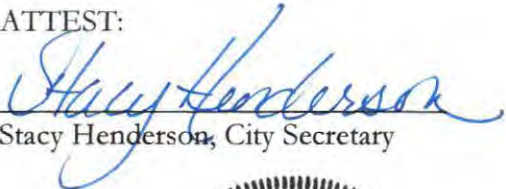
MOTION: *A motion was made by Mayor Olk, seconded by Councilmember Lawrence to adjourn the meeting at 9:31 pm. The motion passed unanimously by a 6 to 0 vote.*

APPROVED:



Jim Olk, Mayor

ATTEST:



Stacy Henderson, City Secretary





City of Lucas

City Council Agenda Request

May 4, 2017

Item No. 12

Requester: City Manager Joni Clarke

Agenda Item:

Update by Development Services Director Joe Hilbourn regarding the water meter replacement program and provide guidance to staff.

Background Information:

The City Manager received an inquiry regarding the status of the water meter replacement program and requested that Development Services Director Joe Hilbourn provide an update to the City Council.

On January 19, 2017, the City Council authorized the City Manager to execute a contract with HD Supply to purchase AMR Neptune Water meters in the amount not to exceed \$629,860.

On February 2, 2017, the City Council appropriated \$150,000 to provide a total budget of \$250,000 to implement phase one of the water meter replacement program for the 2016/2017 fiscal year. City Council also approved an additional position in public works to facilitate the installation of the new water meters.

A contract was executed the contract with HD supply on March 16, 2017. Marcus Chaney was hired to install the meters on March 27, 2017. Staff ordered and installed the first 40 meters in April, 2017. The door hangers were updated to include language regarding the new Neptune water meter installation was designed and ordered in mid-March and received in early April.

Public Works staff have been trained to use and read the new AMR Neptune water meters and the first large order of 300 meters was placed April 20, 2017. The City is expecting the delivery on or before May 15, 2017.

We are planning to have the 300 meters installed by July 1, if there are no unforeseen delays such as weather. Staff is planning to place the order for the remaining water meters associated with phase 1 (686) prior to July 1.

Attachments/Supporting Documentation:

1. Minutes from the City Council meeting dated January 19, 2017 (item 9)
2. Minutes from the City Council meeting dated January 19, 2017 (item 9)
3. Article from Lucas Leader published March 2017
4. Article from Lucas Leader published April 2017



City of Lucas
City Council Agenda Request
May 4, 2017

Item No. 12

Budget/Financial Impact:

N/A

Recommendation:

N/A

Motion:

N/A



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:

Mayor Jim Olk
Mayor Pro Tem Kathleen Peele
Councilmember Wayne Millsap
Councilmember Tim Baney
Councilmember Steve Duke
Councilmember Philip Lawrence
Councilmember Debbie Fisher (*arrived at 7:02pm*)

Staff Present:

City Manager Joni Clarke
City Attorney Julie Doshier
City Secretary Stacy Henderson
Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster
Cathey Bonczar, Executive Assistant/Special Projects
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 an actual need for more commercial property in the City. Councilmember Fisher questioned if two of the lots could be developed alone and cause potential problems for selling the other properties and was told that was true.

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. Councilmember Fisher pointed out the approved Land Use Chart does not in fact provide tighter controls.

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.*

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.

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

12. Adjournment.


MOTION: *A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to adjourn the meeting at 9:11pm. The motion passed unanimously by a 7 to 0 vote.*

APPROVED:



Jim Olk, Mayor

ATTEST:



Stacy Henderson, City Secretary





City of Lucas
City Council Meeting
February 2, 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:

Mayor Jim Olk
Mayor Pro Tem Kathleen Peele
Councilmember Wayne Millsap (*arrived at 7:23pm*)
Councilmember Tim Baney
Councilmember Steve Duke
Councilmember Philip Lawrence
Councilmember Debbie Fisher

Staff Present:

City Manager Joni Clarke
City Secretary Stacy Henderson
Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster
Finance Director Liz Exum
Cathey Bonczar, Executive Assistant/Special Projects
Coordinator

City Staff Absent:

Joe Gorfida, City Attorney

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.

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

Mayor Olk noted that this item would be a standing item on the agenda with updates from the City Attorney and City Manager while the 85th Legislature was in session, paying attention to items that would prohibit the City to self-govern.

Councilmember Fisher discussed a letter received from Senator Taylor's office regarding water systems, infrastructure and improvements to the permitting process. Councilmember Fisher suggested this be an item to watch further.

Mayor Olk also noted that the Transportation Town Hall meeting was held on January 26 with approximately 80 people in attendance, and received good input regarding the City's Thoroughfare Plan.

Consent Agenda

3. Consider approval of the minutes of the January 19, 2017 City Council meeting.
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.
5. Consider approving a Proclamation declaring May 2017 as Building Safety Month.

Councilmember Fisher stated that she would like to remove Agenda Item No. 3 from the Consent Agenda to discuss further.

MOTION: *A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Fisher to approve Agenda Item Nos. 4 and 5 on the Consent Agenda. The motion passed unanimously by a 7 to 0 vote.*

Regular Agenda

3. Consider approval of the minutes of the January 19, 2017 City Council meeting.

Councilmember Fisher noted that she had sent her corrections to Mayor Olk, City Manager Joni Clarke and City Secretary Stacy Henderson earlier in the day and would like the following language added to the minutes identified in *italics*.

Page 4, paragraph 2, the statement read "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 *an actual need for more commercial property in the City. Councilmember Fisher questioned if two of the lots could be developed alone and cause potential problems for selling the other properties and was told that was true.*"

Page 4, paragraph 3, last sentence, the statement read " The Council discussed the tighter controls in place that accompany Village Center rezoning. *Councilmember Fisher pointed out the approved Land Use Chart does not in fact provide tighter controls.*"

Mayor Olk also noted that on Page 4, last sentence of the Motion, the words "*which is considered a no vote*" be removed.

MOTION: *A motion was made by Councilmember Fisher, seconded by Mayor Pro Tem Peele to approve the minutes as amended. The motion passed unanimously by a 7 to 0 vote.*

6. **Presentation and discussion from Lovejoy High School students participating in the Lovejoy ISD Independent Studies program:**

Davis Mosel, Coding
Carrie Duke, Food Insecurity

Mayor Olk announced that students from Willow Springs Middle School would also be participating in the Lovejoy ISD Independent Studies Program this year and introduced students Davis Mosel that presented his topic on Computer Software Coding and Programming, and Carrie Duke who presented her topic on Food Insecurity in countries around the world and agricultural education.

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.**

Mayor Olk noted that this item was brought before the Council at their January 19, 2017 meeting for discussion as part of the water meter replacement program.

MOTION: *A motion was made by Councilmember Fisber, seconded by Councilmember Baney 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. The motion passed unanimously by a 7 to 0 vote.*

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.**

Mayor Olk noted that this item was also brought before the Council at their January 19, 2017 meeting for discussion as part of the water meter replacement program.

MOTION: *A motion was made by Councilmember Lawrence, seconded by Councilmember Millsap to approve the Public Works Specialist I position and amend the FY 2016-2017 budget by \$31,086, funding the position with water fund reserves. The motion passed unanimously by a 7 to 0 vote.*

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 gave a presentation stating that funding had been approved for the Blondy Jhune Bridges project, including a 20% contingency, but the source of funding for the contingency was not specified. Mr. Foerster stated that contingency funds would be needed for the following items: 1) design work for the utility drill shaft; 2) utility modifications; and 3) new water service line for the home at 725 Blondy Jhune Road.

MOTION: *A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to amend the FY 2016-2017 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 Reserve Funds; and \$139,503 from remaining Certificates of Obligation funding. The motion passed unanimously by a 7 to 0 vote.*

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

Mayor Olk noted his comments related to Item 20a of the Capital Improvement Plan included as part of FY 17-18. Mayor Olk stated the overview section of the project discusses installing 400 pressure reducing devices. Mayor Olk stated that when installing pressure reducing devices, homeowners would be required to compensate for a closed loop system caused by the pressure reducing valve.

Development Services Director Joe Hilbourn stated that each property owner would be responsible for installing an expansion tank. Mr. Hilbourn stated that should individual pressure reducing valves be installed, they should be installed for the entire system rather than individual homes.

Mayor Olk suggested the language be modified to reflect the need to reduce the pressure plane system-wide.

The Council discussed the cost associated with homeowners being required to install individual expansion tanks at a residence.

Councilmember Millsap added that the City's water system was creating the issue and the cost should not be the responsibility of the homeowner.

Mayor Olk also noted on Page 11 of the Capital Improvement Plan related to Wilshire Court, the overview section states water service would be eliminated. May Olk suggested the summary read that it was being changed to a loop service instead of being eliminated. He noted that this change should be made throughout the CIP where it states water service was being eliminated.

Development Services Director Joe Hilbourn provided clarification to Councilmember Millsap regarding the discrepancy between meter costs detailed in the CIP and the meter costs approved by the City Council. Mr. Hilbourn noted that the City Council approved an AMR system, and the CIP references an AMI system in the future.

No formal action was taken on this item, it was for discussion purposes only.

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.

***MOTION:** A motion was made by Councilmember Millsap, seconded by Mayor Pro Tem Peele 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. The motion passed unanimously by a 7 to 0 vote.*

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.

***MOTION:** A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence 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. The motion passed unanimously by a 7 to 0 vote.*

13. Discuss the feedback from the Town Hall Meeting and provide guidance to staff regarding revisions to the City of Lucas thoroughfare plan.

Mayor Olk gave a recap of the Town Hall meeting stating that the residents present were in favor of maintaining the City's existing Thoroughfare Plan with the exception of removing roundabouts currently shown on the Thoroughfare Plan, maintain smaller roadways throughout the City, and keeping increased traffic out of the City as much as possible.

Councilmember Baney asked why a connection was shown on the Thoroughfare Plan from Winningkoff Road to Snider Lane if the City would like to decrease cut through traffic. Councilmember Baney stated that as the County continues to grow further east, additional traffic will be utilizing these roadways for cut through traffic.

Public Works Director/City Engineer Stanton Foerster stated that roadways were placed on the Thoroughfare Plan to provide guidance to developers as to what is expected regarding neighborhood connectors streets during the development process.

Mr. Foerster noted that neighborhoods could be interconnected through a secondary access for emergency vehicles where a gate could be placed across certain roadways, thereby decreasing cut through traffic. Mr. Foerster stated that he would like to ensure anything used to deter cut through traffic would not restrict horse trailers and emergency vehicles.

Councilmember Millsap discussed the use of roundabouts that could be used to assist in slowing traffic and would like to review this option, especially for Stinson Road.

Mayor Pro Tem Peele asked that when researching the use of roundabouts that they be horse-friendly and could handle trailer access and turning radii.

Mayor Olk suggested referring to intersections as improved intersections rather than roundabouts so options could be created on the Thoroughfare Plan.

The Council discussed the need to review streets on the Thoroughfare Plan and determine which streets were used for local traffic, and ways to discourage cut through traffic. The Council also discussed obtaining dedicated right of way from developers as subdivisions are constructed to ensure intersection improvements could be made.

Mayor Olk suggested the Thoroughfare Map be bought back for Council consideration and review at the February 16, 2017 City Council meeting.

There was no formal action taken on this item.

Executive Session

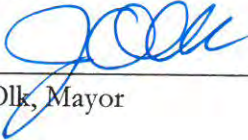
The City Council may convene in a closed Executive Session pursuant to Chapter 551.071 of the Texas Government Code.

No items were scheduled for Executive Session on this agenda.

14. Adjournment.

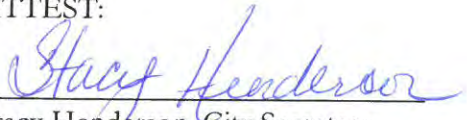
MOTION: *A motion was made by Councilmember Millsap, seconded by Councilmember Baney to adjourn the meeting at 8:12 pm. The motion passed unanimously by a 7 to 0 vote.*

APPROVED:



Jim Olk, Mayor

ATTEST:



Stacy Henderson, City Secretary





LUCAS LEADER



A publication of the City of Lucas

April 2017



Mayor's Message

By Jim Olk

At the March 2 City Council meeting, the City Council started the ball rolling as to how the City will fund some much needed improvements to our water delivery system and some of our neighborhood connector streets. The City Council has been planning, discussing and deliberating on the best way to start the needed maintenance on our infrastructure for almost 2 years now. We have been looking at potential costs to reconstruct some of our neighborhood connector streets and some needed maintenance to our water system that is projected to cost close to 30 million dollars. Borrowing that amount of money at one time was not something that the Council thought would be in the best interest of our residents.

City Council took a couple of steps back and started looking at our needs in smaller chunks. Last year we needed to expedite the repairs to the two Blondy Jhune Road bridges to address some real safety issues. The City issued Certificates of Obligation in the amount of two million dollars with the hope that we would be able to do a couple of reconstruction projects with that money. As it stands right now, those bridges should be completed in mid May of this year and there may be a little money left over. With the help of City staff, City Council has prioritized approximately 40 street and utility projects over the next 10 plus years. It is the City Council's intent to space out the projects to lessen the impact on our tax rate, not overload the City with construction projects all going on at one time, all

while staying within our capacity to take on a reasonable amount of debt over time.

To this end... City Council approved a plan to move forward with using funds left over from current and completed projects; undedicated excess reserve funds from both the utility and general fund; as well as issuing Certificates of Obligation to fund about 11.3 million dollars of projects. The Certificates of Obligation will be in the amount of 9 million dollars. Since we do not know what our interest rate will be on the Certificates of Obligation, we do not have the exact impact if any on the tax rate yet. That will all be part of the City Council discussion when we consider the Certificates of Obligation and when we receive the certified tax roll. If you are interested in providing input on that, please watch the website to see when this item is placed on the City Council agenda.

Some closing points...in previous presentations the City Council talked about the possibility of issuing bonds for street reconstruction instead of Certificates of Obligation. The main difference in the two is the election that is required to issue a bond. Due to changes in State legislation and the fact that the proposed projects are maintenance and safety issues (repair/reconstruction of streets and maintenance/overhaul of the water system), City Council feels that Certificates of Obligation are the best option. Your opinion is still very important to the City Council. We want to be sure we are being fiscally responsible with your tax dollars and we want to be sure that we are acting in the people's best interest. It is our intent to be open and transparent about the decisions we make and as always, we want to hear your opinion. I know each City Council member is proud to serve the City of Lucas.



COMMUNITY CLEANUP

Keep Lucas Beautiful is seeking volunteers for its upcoming Cleanup Event scheduled

for Saturday, April 22 from 8:00 a.m. to 12:00 p.m.

Volunteers will help with litter abatement by picking up trash and debris along specified routes.

The event begins and ends at the Community Park pavilion next to City Hall. Participants will gather at 8:00 a.m., pick up safety vests and trash bags, review safety guidelines, and be assigned to a route. Volunteers will then be dropped off at their assigned location and when done, will be picked up and brought back to the Community Park. Lunch will be provided at the end of the event. Streets being considered for cleanup include: W. Lucas Road, Stinson Road, Lewis Lane, Estates

Parkway, Snider Lane, Blondy Jhune Road, Brockdale Park and Highland Park. Snider Lane from Shady Lane to E. Lucas Road will be closed to through traffic from 9:00 am to 12:00 pm to allow volunteers to safely clean along the roadway.

This is an excellent opportunity for both individuals and groups to come out and do something wonderful for our City. Church groups, Boy/Girl Scouts, 4-H teams, and school students looking to complete service hours are all encouraged to participate. Volunteers should dress appropriately for the weather that day, wear comfortable shoes (waterproof boots might be a good option) and bring gloves. Children 13 and younger must be accompanied by an adult at all times. For more information or to sign up as a volunteer, contact Donna Bradshaw at 972.912.1206 or dbradshaw@lucastexas.us.



Adopt a Pet

Collin County Animal Services

Meet Moo Goo. He's a two year old tabby that has been neutered. He's a very talkative, friendly cat that loves to be petted and purrs all the time. To learn more about Moo Goo and others to adopt, visit the Collin County website at http://collincountytx.gov/animal_services/Pages/default.aspx or visit their Facebook page at <https://www.facebook.com/CollinCountyAnimalServices/>.

Mid-Year Budget Review Underway

The City's Finance Department is currently reviewing the fiscal year 2016-2017 budget. Adjustments to properly reflect actual trends and recommendations will be brought to the City Council meeting scheduled for Thursday, April 20, 2017.

Meetings and Events

April 6, 2017

City Council

7:00 pm - Council Chambers

April 13, 2017

Planning & Zoning

7:00 pm - Council Chambers

April 20, 2017

City Council

7:00 pm - Council Chambers

April 22, 2017

Clean Up Event

8 am - Noon - Lucas Community Park

April 25, 2017

Parks and Open Space Board

7:00 pm - Council Chambers

Receive Mobile Text ALERTS from the City of Lucas



City of Lucas residents can now receive real time public safety messages via Nixle. The City of Lucas has partnered with Nixle, a division of Everbridge, Inc., to implement the Lucas Community Notification System. This system will alert residents in real-time for localized emergency situations and relevant community advisories.

As a resident, there are two simple ways to register:

1. Text **LUCAS** to **888777** from your mobile phone/device, or
2. Go to www.lucastexas.us and sign up via the Nixle Widget

Once registered, residents will receive a confirmation text on their mobile device. Residents may also customize their alert settings by going to www.nixle.com and creating a user profile.

The City of Lucas is excited to offer this new communication system with our citizens. The goal of the system is to send information directly to each mobile phone/device regarding weather related events, road closures and traffic mitigation, city and community events, large-scale public works projects, utility outages, and other emergency events in which the public needs to be notified. The service is secure, reliable, and easy-to-use for you and your family.

All alerts will be targeted geographically and include relevant alerts from the City of Lucas. Nixle alerts can be sent via text, email, web, social media, and the Nixle Mobile App in an instant. Nixle is partnered with NLETS for unmatched data security, as well as the National Center for Missing and Exploited Children, the National Blue Alert Network, and Google for unmatched reach and two-way information exchange. We are very excited to have you experience it for yourself.

Should you have any questions regarding text alerts, contact Assistant Fire Chief/Emergency Management Coordinator Lance Gant at 972.912.1230 or by email at lgant@lucastexas.us.



Outdoor Burning Prohibited

Answers to Some Burning Questions

With Spring fast approaching, outdoor trimming and pruning might be the first step in your Spring cleaning plans. As a reminder, it is illegal to burn any debris within the City and County limits either at day or night. To protect the quality of the air we breathe in Texas, the Texas Commission on Environmental Quality (TCEQ) rules prohibit outdoor burning anywhere in the state that is a non-attainment county. Collin County is a non-attainment county. The Texas Administration Code regulates outdoor burning and the Texas Commission on Environmental Quality strives to protect the state's public health. The City does not provide anyone with permission to

engage in outdoor burning activities. The TCEQ does allow small campfires (within a containment ring) and cooking fires (in an approved containment ring) as long as they do not cause nuisance smoke or traffic hazards, and as long as special attention is given to safety. More information can be found at www.tceq.texas.gov or call TCEQ at 888.777.3186. If the City becomes aware of illegal outdoor burning, Lucas Fire-Rescue will be dispatched and the fire will be extinguished.

Alternatives to outdoor burning include recycling, composting, mulching or disposal in a local landfill. For disposal options contact Barnes Waste Disposal at 972.396.1139.



Vehicles Targeted by Pellet Guns in Lucas

From February 17, 2017 to March 10, 2017, Collin County Sheriff's Office Deputies have been dispatched to the following situations involving criminal mischief where moving vehicles have been targeted by unknown person(s) possibly using a pellet gun causing damage to vehicle windows:

Friday, February 17	7:45 pm	Country Club/Wolf Creek
Monday, March 6	5:58 am	Country Club/Lucas Road
Monday, March 6	7:50 pm	Country Club/Parker Road
Wednesday, March 8	8:30 pm	Country Club/Estates Parkway
Wednesday, March 8	8:45 pm	Country Club/Blondy Jhune
Thursday, March 9	6:30 pm	Country Club/Forest Grove
Thursday, March 9	11:31 pm	Country Club/Lucas Road
Friday, March 10	8:05 pm	Country Club/Parker Road

If you have any information regarding these incidents, please contact Investigator Mike Vance with the Collin County Sheriff's Office at 972.547.5162.



The City of Lucas Fire-Rescue is offering CPR education programs to teach CPR to the citizens of Lucas and provide lifesaving skills that can truly make a

difference in a medical emergency. No previous experience is required to take the class. The first class scheduled for Saturday, May 6, 2017 at 9:00 am is already full, but you may call the Fire Station and put your name on the waiting list should a cancellation occur. The next class is scheduled for August 5, to register or if you have any questions, email Captain Jonathan Haynes at jhaynes@lucastexas.us or call the Lucas Fire Station at 972.727.1242. All classes will be held at the Lucas Fire Station located at 165 Country Club Road.

MUNICIPAL ELECTIONS

May 6, 2017

The City of Lucas General Election will be held on May 6, 2017 to elect candidates for City Council Seat 1 and City Council Seat 2, both positions having three-year terms expiring in 2020. Candidates that have filed for a

place on the ballot include:

City Council Seat 1
- Wayne Millsap
(*running unopposed*)

City Council Seat 2
- Tim Baney
- Randy Conrad

Early voting and Election Day voting will take place at the Lucas Community Center located at 665 Country Club Road on the following dates and times:

Monday, April 24	8 am to 5 pm
Tuesday, April 25	8 am to 5 pm
Wednesday, April 26	8 am to 5 pm
Thursday, April 27	8 am to 7 pm
Friday, April 28	8 am to 5 pm
Saturday, April 29	8 am to 5 pm
Monday, May 1	7 am to 7 pm
Tuesday, May 2	7 am to 7 pm
Saturday, May 6	7 am to 7 pm



Over the years, Founders Day has been celebrated at different times of the year. For the past several years it has been held in October.

The City Council recently approved to move this event from October 2017 to April 14, 2018 (no Founders Day celebration will occur during 2017). The decision to move the event was based on the close proximity to the annual Country Christmas celebration, and to better allocate City resources. In addition to honoring and remembering our founders and our heritage, the event in April 2018 will also focus on horticultural and clean-up/beautification activities.

Favorites such as the parade, stick horse rodeo, bounce houses, stage performers, and lunch will remain part of the family fun afternoon. Watch for more details as the date of the event approaches next year.

Water Meter Replacement Project Set to Begin

In January 2017, the City selected HD Supply as its vendor to provide the City with Neptune water meters utilizing automated meter reading (AMR) technology that allows consumption data to be downloaded onto a laptop as the City vehicle drives by the meter location, and then the collected information is imported into the utility billing system. The implementation plan for the Water Meter Replacement Project is to replace all water meters over a three-year period. The City has approximately 2,400 water meters and approximately 1,200 meters are 25 years old or older. In February 2017, the Public Works Department began phase one of the implementation plan that will identify meters experiencing operational deficiencies and meters that are approaching the end of its useful life for priority replacement.

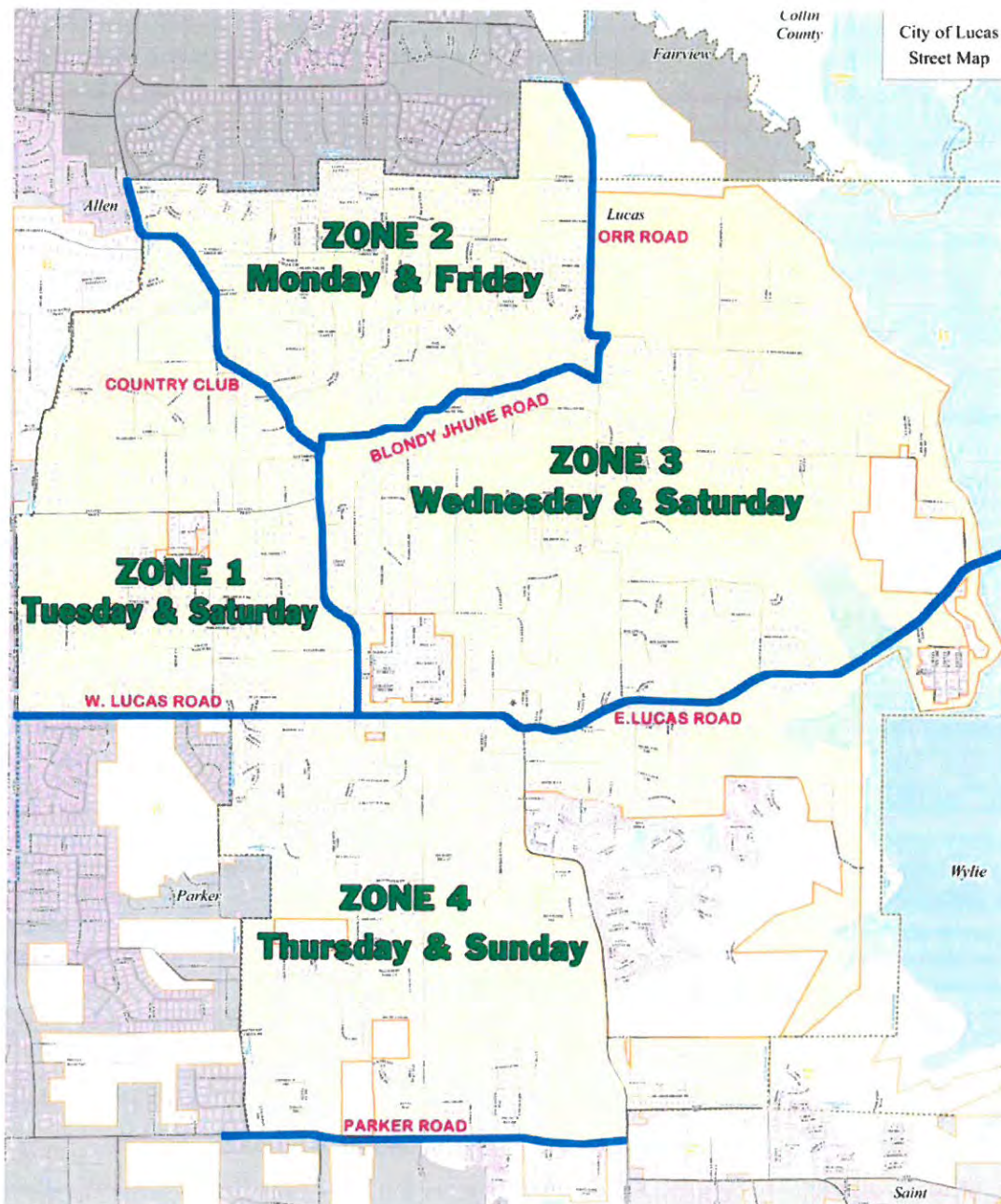
The Water Meter Replacement Project is a major undertaking and will require cooperation between the City and its water customers. Every effort will be made to minimize any inconvenience to customers during this period. As each meter is replaced, a door-hanger will be left to notify you that your Neptune water meter has been installed and calibrated. If the City is unable to replace the meter due to an obstruction or other obstacle, you will also be notified and contacted to coordinate a resolution. Because of work on each meter, customers may notice discolored water and/or debris. If this occurs, customers should run their taps until the water runs clear. (This water can be collected for use in household plants and gardens). The City of Lucas is committed to providing its water customers with a safe and reliable water system. If you have questions about this project, contact Development Services Director Joe Hilbourn at 972.912.1207.

Outdoor Watering Schedule Set

Beginning on Monday, April 1, 2017, City of Lucas water customers are required to limit outdoor watering to twice per week. The outdoor watering schedule will help to prevent stressing the capabilities of our water system. The City has established specific watering zones to help manage water usage. Please refer to the map below that identifies watering zones to help you determine your watering days.

NO OUTDOOR WATERING WILL BE ALLOWED BETWEEN 10:00 am and 6:00 pm ON ANY DAY. This map is also available on the City's website located at <https://www.lucastexas.us/watering-days/>.

Zone 1	Tuesday and Saturday	West of Country Club - North of West Lucas Road
Zone 2	Monday and Friday	East of Country Club - West of Orr Road - North of Blondy Jhune
Zone 3	Wednesday and Saturday	East of Country Club - South of Blondy Jhune - East of Orr Road - North of West and East Lucas Road
Zone 4	Thursday and Sunday	South of West and East Lucas Road



LUCAS LEADER

A publication of the City of Lucas

March 2017



Mayor's Message

By Jim Olk

The City Council received some very valuable input regarding the Thoroughfare Plan at the Town Hall meeting on January 26. We had approximately 80 residents attend the meeting and had some lively discussion.

Overall, it appears that we will make very little changes to the Thoroughfare Plan. We may propose to reduce the size of the actual rights-of-way as development occurs adjacent to neighborhood collector streets, but the residents made it clear to make every effort possible to keep our neighborhood collectors as small as practical, but safe and functional.

The Thoroughfare Plan review is part of our effort to update the Comprehensive Plan for the City of Lucas. This effort has been going on for months with the Planning and Zoning Commission reviewing each of the different chapters and then forwarding those updates onto the City Council. At the March 2, 2017 City Council meeting the entire Comprehensive Plan will be reviewed. This plan covers everything from desired land uses, thoroughfares, parks, open space, trails, economic development, capital improvements, and many other aspects that impact our quality of life here in Lucas.

I would encourage you to get on the City's website at <https://www.lucastexas.us/draft-comprehensive-plan/> and read, study, review, or just scan the draft of the updated Comprehensive

Plan. Then, if you have any comments, I would encourage you to either attend the City Council meeting, call City Hall, or email me with your comments. We will make sure that all comments are given due consideration as we move forward with this process and we polish the plan for the future of Lucas.



PUBLIC HEARING

Comprehensive Plan Adoption

The City of Lucas has been working on updates to the City's Comprehensive Plan since 2016, holding meetings with the Planning and Zoning Commission and City Council throughout the year, and is now ready to consider adopting the updated version of the Comprehensive Plan.

The Comprehensive Plan is a long-range planning tool that is used to guide the growth and development of a community for its future growth. The original plan adopted in the late 1980's initiated the framework for the City of Lucas. Over the years it has been reviewed and updated as growth occurred. This updated version of the Comprehensive Plan will address the preservation of the country atmosphere of Lucas by addressing the growth and future needs of the City.

CPR TRAINING

The City of Lucas Fire-Rescue is now offering CPR education programs to teach CPR to the citizens of Lucas and provide lifesaving skills that can truly make a difference in a medical emergency for someone who has stopped breathing or is choking.

No previous experience is required to take the class and once you have completed the course, you will have earned certification from the American Heart Association valid for two years to provide CPR to adults, children and infants, as well as techniques to help someone who is choking.

Our first class will be held on Saturday, May 6, 2017 and will begin at 9:00 am and last approximately five hours. Class will be at the Lucas Fire Station located at 165 Country Club Road, in the Fire Station Training Room. If there is interest, Fire-Rescue is considering holding CPR training every quarter.

To register for this class, please send an email to Captain Jonathan Haynes at jhaynes@lucastexas.us and include your name, address and phone number. Registration must be received by April 21 as class size is limited to 24 people. Classes are free to anyone who wants to attend; however, should you need to cancel participation in the class, please email Captain Haynes so that your spot may be filled. If you have any questions about the class, contact Captain Haynes at jhaynes@lucastexas.us or call the Lucas Fire Station at 972.727.1242.



Adopt a Pet

Collin County Animal Services

Meet Endicott. He's a two year old Shepherd/Mastiff mix that has been neutered. He friendly, playful and very sweet. He's knows how to sit and loves treats. To learn more about Endicott and others to adopt, visit the Collin County website at http://collincountytx.gov/animal_services/Pages/default.aspx or visit their Facebook page at <https://www.facebook.com/CollinCountyAnimalServices/>.

Good Shepherd United Methodist Church Presents....

An Evening of Music

Enjoy an evening of music at Good Shepherd United Methodist Church as they proudly present Sherrill Douglas in the "By Request Superstars Music Revue" at 6:00 pm on Saturday, March 11. Enjoy a tribute to the divas, darlings and legends, past and present, of Country and Classic Rock. Relive past number one hits and sing along with Sherrill as she brings all your favorite songs to life. Sherrill Douglas is a nationally known entertainer and the No. 1 impersonator of Patsy Cline, Dolly Parton, Loretta Lynn and Stevie Nicks. Reservations are required, call Good Shepherd United Methodist Church at 972.429.0295 for reservations. Tickets cost is \$10 each at the door. Good Shepherd United Methodist Church is located at 750 W. Lucas Road in Lucas.

Water Meter Replacements

In 2011, the City made the decision to move from a manual meter reading system where a city staff member physically walked up to the meter and read the meter readings, to a more automated system that allowed city staff to drive by a meter at a residence and obtain meter reads automatically. This automated system has proven to be a much more cost effective and time efficient tool, cutting the time in half in what it takes to read every meter in the City.

Due to issues the City has faced in recent years with faulty registers, the City has entered into a contract with Neptune Meters to replace all meters and registers throughout the City over the next three years. The first two years will focus on replacement of residential meters, and the third year will non-residential meters will be replaced. The project is slated to begin in March 2017.

City Council Highlights

- The City Council ordered the City's General Election to be held May 6, 2017 to elect Councilmembers for Seat 1 and Seat 2.
- An additional \$150,000 was allocated to the Water Fund for a total of \$250,000 towards implementation of Phase One of the water meter replacement program.
- \$311,956 was allocated for the Blondy Jhune Bridge Replacement Project Contingency Fund. Expenses needed from the Contingency Fund included utility drill shaft design and new water line service to a residence.



Trinity Trail Could Use Your Help

For those of you who aren't familiar with the trail, the Trinity Trail is a 25+ mile long public hiking and equestrian trail on the Army Corps of Engineers land along the west side of Lavon Lake. The trail meanders through meadows and woods, most of the time out of sight and sound of the neighboring roads and houses. A major portion of the trail lies within the Lucas city limits and Lucas extra territorial jurisdiction. Collin County leases the trailbed and trailheads from the Army Corps of Engineers, and in turn the County contracts with the Trinity Trail Preservation Association, a non-profit, volunteer organization, to maintain and improve the trail. Maps of the trail and facilities can be found on the Association's website at www.trinitytrailriders.org.

So how can you help? The secluded nature of the trail, and its many public access points, have led to an increase in vandalism, such as property fences being cut, trail gates knocked over, vehicles driving on the trail, fires being built, drinking parties taking place, and trash left laying on the trail. All of this behavior is illegal and destroying the Army Corps government property. Most of this activity happens in the evening, when individuals believe they won't be seen. You can help by reporting any suspicious activity near the Army Corps boundary fences or on Army Corps property by calling the Collin County Sheriff's office at 972.547.5100. It's your lake and your trails, if you can help stop this behavior, we'd all benefit.

Meetings and Events

March 2, 2017	March 9, 2017	March 16, 2017	March 28, 2017
City Council	Planning & Zoning	City Council	Parks and Open Space Board
7:00 pm	7:00 pm	7:00 pm	7:00 pm
Council Chambers	Council Chambers	Council Chambers	Council Chambers



COMMUNITY CLEANUP Event

Keep Lucas Beautiful is seeking volunteers for its upcoming Cleanup Event scheduled for Saturday, April 22 from 8:00 a.m. to 12:00 p.m. Volunteers will help with litter abatement by picking up trash and debris along specified routes.

The event begins and ends at the Community Park pavilion next to City Hall. Participants will gather at 8:00 a.m., pick up safety vests and trash bags, review safety guidelines, and be assigned to a route. Volunteers will then be dropped off at their assigned location and when done, will be picked up and brought back to the Community Park. Lunch will be provided at the end of the event. Streets being considered for cleanup include: W. Lucas Road; Stinson Road; Lewis Lane; Estates Parkway; Snider Lane and Brockdale Park and Highland Park. Snider Lane from Shady Lane to E. Lucas Road will be closed to through traffic from 9:00 am to 12:00 pm to allow volunteers to safely clean along the roadway.

This is a wonderful opportunity for both individuals and groups to come out and do something wonderful for our City. Church groups, Boy/Girl Scouts, 4-H teams, and school students looking to complete service hours are all encouraged to participate. Volunteers should dress appropriately for the weather that day, wear comfortable shoes (waterproof boots might be a good option), and bring gloves. Children 13 and younger must be accompanied by an adult at all times. For more information or to sign up as a volunteer, contact Donna Bradshaw at 972.912.1206 or by email at dbradshaw@lucastexas.us.



Mobile Text Alert System - Coming Soon

The City of Lucas has purchased the Nixle system, a mobile text alert notification system that allows the City to reach out and keep residents and staff members updated through text messages. The mobile alert notification system will quickly reach residents, staff and emergency personnel to let them know of public safety notifications and street closings by automatically being able to notify all cell phones in a geographical area.

Residents may also register online for City of Lucas notifications by going to nixle.com, choose the resident option and enter your information to sign up. You may also sign up by texting your zip code to 888-777 to receive text alerts regarding City of Lucas notifications. The mobile alert system is anticipated to be fully operational by mid-March, but residents may sign up now. For questions, contact Assistant Fire Chief/Emergency Management Coordinator Lance Gant at 972.912.1230.



Options Are Changing

Barnes Waste Disposal currently offers recycling services to City of Lucas residents. The recycling facility used by Barnes for the past several years has now closed and Barnes Waste Disposal is temporarily taking recyclables to the Waste Connections facility in McKinney. Beginning October 1, 2017 Barnes Waste Disposal will no longer be offering recycling services to the Lucas residents, and the City Council will be discussing alternative recycling options at upcoming Council meetings to determine the best options for Lucas residents.

The blue recycle bags offered by Barnes Waste Disposal will be available at City Hall until April 1. They can be purchased at Albertson's in McKinney or ordered online at Home Depot or valetwaste.com. Waste Connections also accepts clear recycle bags that can be purchased at Walmart, Sam's Club and Staples.

The list below outlines recyclable items accepted at the Waste Connections facility:

- Aluminum cans
- Steel cans
- Tin cans
- Plastic beverage bottles (empty)
- Plastic detergent bottles (empty)
- All mixed paper
- Cardboard (no Styrofoam)

Should you have any questions regarding your recycling needs, contact Barnes Waste Disposal at 972.734.3333.

Engineering Summer Internship Opportunity

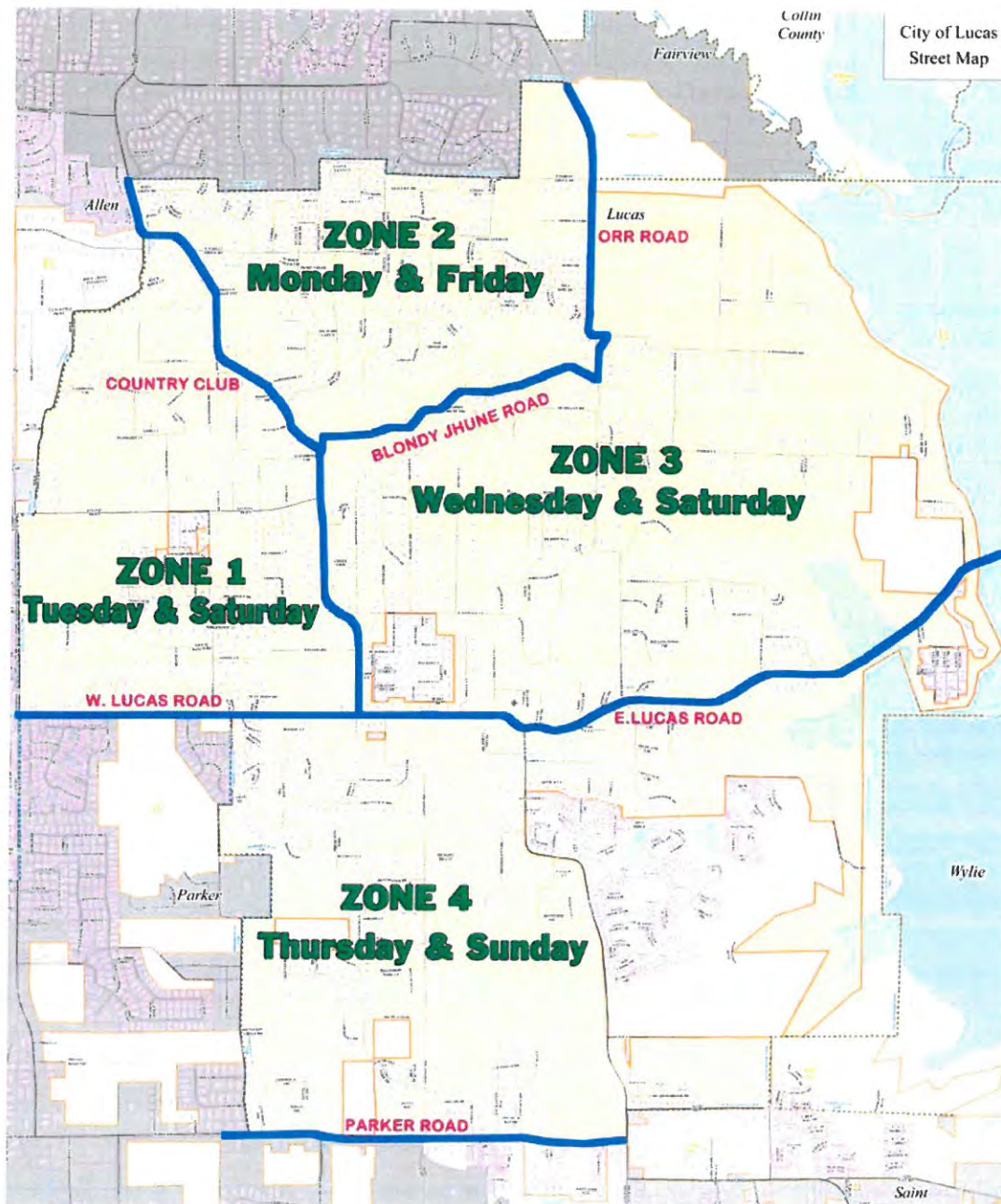
The City of Lucas has posted an opportunity for an engineering summer internship. The intern will work closely with City staff and directly with the Public Works Director/City Engineer. The goal of the internship is to expose a college student to the practical side of municipal engineering. While the internship is geared towards a college student, eighteen-year-old high school students are welcome to apply as well. The work will begin in May or June depending on the students class schedule, and end in August. This will be a hands-on opportunity to be involved with technical professional work, development projects, operations, construction projects, and protection and oversight of public utilities infrastructure. For more information visit "Job Opportunities" on the City website at www.lucastexas.us or contact Human Resources Manager Cheryl Meehan at 972.912.1204 or cmeehan@lucastexas.us.

Outdoor Watering Schedule Set

Beginning on Monday, April 1, 2017, City of Lucas water customers are required to limit outdoor watering to twice per week. The outdoor watering schedule will help to prevent stressing the capabilities of our water system. The City has established specific watering zones to help manage water usage. Please refer to the map below that identifies watering zones to help you determine your watering days.

NO OUTDOOR WATERING WILL BE ALLOWED BETWEEN 10:00 am and 6:00 pm ON ANY DAY. This map is also available on the City's website located at <https://www.lucastexas.us/watering-days/>.

Zone 1	Tuesday and Saturday	West of Country Club - North of West Lucas Road
Zone 2	Monday and Friday	East of Country Club - West of Orr Road - North of Blondy Jhune
Zone 3	Wednesday and Saturday	East of Country Club - South of Blondy Jhune - East of Orr Road - North of West and East Lucas Road
Zone 4	Thursday and Sunday	South of West and East Lucas Road





Item No. 13

City of Lucas
City Council Agenda Request
May 4, 2017

Requester: Councilmember Debbie Fisher

Agenda Item:

Discuss and consider the capital projects associated with the City's water system and roadway improvements discussed at the March 2, 2017 City Council meeting and associated funding strategies.

Background Information:

On the March 2, 2017, City Council Meeting, the following water projects were discussed:

1. Elevated Water Tower, Wiltshire Court to the North Pump Station 8-Inch Connection and Pressure Regulating Valves
2. Parker Road Waterline Phase 2 (from Shepherds Creek Drive to Santa Fe Trail)
3. Parker Road Waterline Phase 3T (From Santa Fe Trail to Stinson Road)
4. Replace three existing pumps at the North Pump Station
5. Add new pump house at the North Pump Station with three pumps

At this same meeting, the City Council discussed the following roadway projects:

1. Winningkoff Rd Reverse Curve (design funded in FY 16/17)
2. Stinson Rd/W. Lucas Rd Intersection (design funded in FY 16/17)
3. Country Club Road/Estates Parkway Intersection
4. Winningkoff Road (Reverse Curve to Snider Lane)
5. Stinson Road South of Bridge
6. Blondy Jhune Road (West Bridge to Winningkoff Road)
7. Stinson Road North of Bridge (middle section)
8. Winningkoff Road (E. Lucas Rd to Reverse Curve)

The City engaged SAMCO Financial advisors to assist with up to \$3,000,000 in certificates of obligation to fund the water projects identified above and with up to \$6,000,000 in certificates of obligation to fund the roadway projects identified as items 1 through 6 above.

Attachments/Supporting Documentation:

1. Minutes from the City Council meeting dated March 2, 2017
2. Agenda Item 6 from the City Council meeting dated March 2, 2017
3. Agenda Item 7 from the City Council meeting dated March 2, 2017
4. Certificate of Obligation Timeline

Budget/Financial Impact:

N/A



City of Lucas
City Council Agenda Request
May 4, 2017

Item No. 13

Recommendation:

N/A

Motion:

N/A



City of Lucas
City Council Meeting
March 2, 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:

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

Staff Present:

City Manager Joni Clarke
City Attorney Joe Gorfida
City Secretary Stacy Henderson
Development Services Director Joe Hilbourn
Public Works Director/City Engineer Stanton Foerster
Finance Director Liz Exum
Executive Assistant/Special Projects Coordinator Cathey Bonczar
Human Resources Generalist Janice Babcock

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.

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

Mayor Pro Tem Peele noted that the McKinney Airport Planning Advisory Committee would be holding a meeting at the McKinney Airport on March 8 that was open to the public to view elements of the master plan update.

There was no discussion regarding particular bills being considered by the 85th Legislature. Mayor Olk asked that any House Bill or Senate Bill the Council would like to watch more closely to notify the City Attorney.

Consent Agenda

3. Consider approval of the minutes of the February 16, 2017 City Council meeting.

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

Presentations

4. **Presentation and discussion from Lovejoy High School and Willow Springs Middle School students participating in the Lovejoy ISD Independent Studies Program:**
 - Lindsay Haden – Lovejoy High School
 - Catherine Wilson – Willow Springs Middle School

Presentations were given by Lindsay Haden regarding child behavior and weather, and Catherine Wilson regarding equine therapy.

Public Hearing

5. **Consider the 2017 Comprehensive Plan for the City of Lucas including the Sewer Master Plan Map, Water System Map, Thoroughfare Plan Map, and Land Use Map:**

A presentation was given by Development Services Director Joe Hilbourn regarding the Comprehensive Plan and the two items remaining for consideration regarding Winningkoff Road becoming a dead-end street, and zoning consideration for the four properties located near Lovejoy High School. Mr. Hilbourn noted that the Planning and Zoning Commission voted in favor by a 3 to 2 vote, to approve creating a dead end at Winningkoff Road and to change the zoning for the four residential lots near Lovejoy High School to Village Center zoning.

Councilmember Fisher and Development Services Director Joe Hilbourn discussed the commercial zoning assigned to schools on the Land Use Map. Mr. Hilbourn explained that because schools had access to sewer, and sewer was not provided within residential districts, schools were being zoned as commercial on the Land Use Map. Councilmember Fisher noted that not all schools were connected to sewer, such as Hart Elementary, which was not on the City's Sewer Master Plan.

Mayor Olk opened the public hearing at 7:30 pm and called individuals forward that requested to speak.

Dallas Robertson, 2630 Estates Parkway, stated that the Planning and Zoning Commission voted in favor of Village Center zoning as the best possible use for future development in that area, and stated that he was in favor of the zoning being changed.

Rebecca Mark, 2550 Estates Parkway, noted that she was in favor of the four properties being rezoned to Village Center zoning, as she believed it was the best use for future development in that area. Ms. Mark also spoke to the difficulties that could be faced should their properties be redeveloped and not be in compliance with the Comprehensive Plan.

There were no further comments from the audience.

Mayor Olk reviewed his edits to the Comprehensive Plan document with the Council and forwarded his comments to City staff for inclusion to the updated document.

The City Council and Public Works Director/City Engineer Stanton Foerster discussed creating a dead-end at Winningkoff Road and the advantages and disadvantages associated with that. Items discussed included minimizing traffic, existing traffic routes and traffic volumes, and potential increased in traffic associated with the McKinney Airport expansion. The Council also discussed the proposed Collin County future thoroughfare plans.

Mayor Olk and Councilmembers Millsap and Duke were in agreement that the highest and best use for the four properties near the high school should be changed to Village Center zoning allowing for tighter controls in development with Village Center zoning, and creating a good transition to residential zoning nearby.

Councilmembers Fisher, Baney, Lawrence and Mayor Pro Tem Peele were opposed to changing the zoning to Village Center and did not want to create more commercial zoning in the area. Councilmember Fisher noted that the Comprehensive Plan states that commercial growth on both sides of heavily traveled highways should be avoided.

Mayor Olk suggested that the item be tabled to update the Comprehensive Plan with the edits he recommended and asked staff to update the Land Use Map to reflect R-2 zoning on the four residential properties located near Lovejoy High School as a majority of Council had recommended.

MOTION: *A motion was made by Councilmember Duke, seconded by Councilmember Lawrence to continue the public hearing and table this agenda item to the March 16, 2017 City Council meeting and update the Land Use Map to reflect R-2 zoning for the four residential lots near Lovejoy High School. The motion passed unanimously by a 7 to 0 vote.*

Regular Agenda

6. **Discuss and consider water projects and funding strategy to fund design and construction:**

A) Water Fund projects for consideration and prioritization:

1. Elevated Water Tower, Wiltshire Court to the North Pump Station 8-Inch Connection and Pressure Regulating Valves
2. Parker Road Waterline Phase 2 (from Shepherds Creek Drive to Santa Fe Trail)
3. Parker Road Waterline Phase 3T (From Santa Fe Trail to Stinson Road)
4. Replace three existing pumps at the North Pump Station
5. Add new pump house at the North Pump Station with three 500 GPM pumps
6. Any additional water projects that Council may determine

B) Discuss funding strategies including using unencumbered line item balances in the Capital fund, unrestricted Water Fund reserves and work with SAMCO Financial Advisors on the Notice of Intention Resolution to issue Certificates of Obligation and provide guidance to staff on the specified amount required to fund the water system projects.

Public Works Director/City Engineer Stanton Foerster discussed the addition of a 500,000 gallon elevated storage tank at the North Pump Station that would allow for the elimination of the lower pressure plane, increase the manageability of the water system, and increase water storage capacity.

Councilmember Millsap discussed the prioritization of the five water projects proposed listed in (A) above, as well as possible funding strategies using Water Reserve funding and Certificates of Obligation.

MOTION: *A motion by Councilmember Millsap, seconded by Councilmember Lawrence to approve the following water projects: 1) Elevated Water Tower, Wiltshire Court to the North Pump Station 8-Inch Connection and Pressure Regulating Valves; 2) Parker Road Waterline Phase 2 from Shepherds Creek Drive to Santa Fe Trail; 3) Parker Road Waterline Phase 3T from Santa Fe Trail to Stinson Road; 4) Restore or replace pumps at the North Pump Station; 5) Add new pump house at the North Pump Station with properly sized equipment; and to use the remaining balances in accounts 21-8210-490-120 and 21-8210-490-122 in an amount not to exceed \$142,964; to use Water Fund reserves in an amount not to exceed \$142,000; and to direct the City Manager to engage SAMCO Financial Advisors to assist on the Notice of Intention Resolution to issue Certificates of Obligation up to \$3,000,000. The motion passed unanimously by a 7 to 0 vote.*

7. Discuss and consider roadway projects, determine priority and funding strategy to fund design and construction:

A) General Fund roadway projects for consideration and prioritization:

1. Winningkoff Rd Reverse Curve (design funded in FY 16/17)
2. Stinson Rd/W. Lucas Rd Intersection (design funded in FY 16/17)
3. Country Club Road/Estates Parkway Intersection
4. Winningkoff Road (Reverse Curve to Snider Lane)
5. Stinson Road South of Bridge
6. Blondy Jhune Road (West Bridge to Winningkoff Road)
7. Stinson Road North of Bridge (middle section)
8. Winningkoff Road (E. Lucas Rd to Reverse Curve)
9. Any additional roadway projects that Council may determine.

B) Discuss funding strategy including using unencumbered line item balances in the Capital fund, unrestricted General Fund reserves and work with SAMCO Financial Advisors on the Notice of Intention Resolution to issue Certificates of Obligation and provide guidance to staff on the specified amount required to fund the roadway projects.

Councilmember Millsap discussed the eight projects proposed that would total approximately 12 million to fund. He discussed various funding options such as using excess reserves in the General Fund and Certificates of Obligation.

The Council discussed the City's debt level, the current tax rate that was 3 cents lower than most other cities in the Collin County area, as well as funding that could be done without a tax increase. The Council also discussed future expenditures such as a new fire engine, and the need to maintain reserves to address other items as they arise.

The Council was in agreement to fund Items 1 through 6 outlined in (A) above, removing items 7 and 8 from the list above, and using remaining fund balance from roadway projects, excess funds from the General Fund, and Certificates of Obligation to fund the projects.

MOTION: *A motion was made by Councilmember Millsap, seconded by Councilmember Lawrence to approve the following roadway projects: 1) Winningkoff Road Reverse Curve in the amount of \$964,000; 2) Stinson Road/W. Lucas Rd Intersection in the amount of \$453,000; 3) Country Club Road/Estates Parkway Intersection in the amount of \$350,000; 4) Winningkoff Road - Reverse Curve to Snider Lane in the amount of \$1,400,000; 5) Stinson Road South of Bridge in the amount of \$2,267,000; and 6) Blondy Jhune Road - West Bridge to Winningkoff Road in the amount of \$2,700,000, and to use the remaining balance in account 21-8210-491-123 in an amount not to exceed \$749,000, to use excess General Fund in an amount not to exceed \$1,385,000, and to direct the City Manager to engage SAMCO Financial Advisors to assist on the Notice of Intention Resolution to issue Certificates of Obligation up to \$6 million. The motion passed unanimously by a 7 to 0 vote.*

Executive Session

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

8. **Executive Session: The City Council may enter into Executive Session as permitted under the Texas Government Code, Section 551.072 to deliberate the purchase, exchange, lease or value of real property within the City of Lucas.**

The City Council convened into Executive Session at 9:04 pm.

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

The City Council reconvened from Executive Session at 9:18 pm. There was no action taken as a result of the Executive Session.

10. **Adjournment.**

MOTION: *A motion was made by Councilmember Millsap, seconded by Councilmember Duke to adjourn the meeting at 9:19 pm. The motion passed unanimously by a 7 to 0 vote.*

APPROVED:



Jim Olk, Mayor

ATTEST:


Stacy Henderson, City Secretary





City of Lucas

City Council Agenda Request

March 2, 2017

Item No. 06

Requester: Councilmember Wayne Millsap
Public Works Director/City Engineer Stanton Foerster

Agenda Item:

Discuss and consider water projects and funding strategy to fund design and construction:

A) Water Fund projects for consideration and prioritization:

1. Elevated Water Tower, Wiltshire Court to the North Pump Station 8-Inch Connection and Pressure Regulating Valves
2. Parker Road Waterline Phase 2 (from Shepherds Creek Drive to Santa Fe Trail)
3. Parker Road Waterline Phase 3T (From Santa Fe Trail to Stinson Road)
4. Replace three existing pumps at the North Pump Station
5. Add new pump house at the North Pump Station with three 500 GPM pumps
6. Any additional water projects that Council may determine

B) Discuss funding strategies including using unencumbered line item balances in the Capital fund, unrestricted Water Fund reserves and work with SAMCO Financial Advisors on the Notice of Intention Resolution to issue Certificates of Obligation and provide guidance to staff on the specified amount required to fund the water system projects.

Background Information:

During the past few years, the City Council has considered a variety of infrastructure projects. At different times, staff has brought forward projects depending on the directions from the City Council. With the near completion of the City's Comprehensive Plan and Capital Improvement Plan, the timing is right to consider moving forward with high priority infrastructure projects.

THE WATER FUND PRIORITY WATER SYSTEM PROJECTS INCLUDE:

- 1. Elevated Water Tower, Wiltshire Court to the North Pump Station 8-Inch Connection and Pressure Regulating Valves:**

By adding a 500,000 gallon elevated storage tank at the North Pump Station (alternate location to consider would be west of City Hall), this will allow for the elimination of the lower pressure plane increasing the manageability of the water system and increase water storage capacity. The in-line pressure regulating valves are necessary to maintain 60 to 80 pounds of pressure.

Estimated Cost (Design, Construction & Contingency): \$2,190,844



City of Lucas City Council Agenda Request March 2, 2017

Item No. 06

Parker Road Water Project Summary:

The Parker Road Waterline Project is needed to improve infrastructure and to accommodate the TxDOT Parker Road widening, which is causing City of Lucas to abandon an existing six-inch waterline along Parker Road. Parker Road 12-Inch Phase 1-1 (From Stinson Road to Enchanted Way) is funded in the current fiscal year 16/17 budget (CIP Engineering Priority number 1B). Staff is not requesting funding for Phase 1 – Section 2, because it is developer driven. The Parker Road Waterline Project has several phases as detailed in the attached map and the following phases are priority contenders for funding:

2. Parker Road Waterline Phase 2:

The Parker Road 8-inch waterline (from Shepherds Creek Drive to Santa Fe Trail) Phase 2 replaces some of the thin-walled, six-inch waterline starting at Shepherds Creek Drive, south along Lewis Lane, east through Kirkland Estates West subdivision, east along Indian trail, south along Santa Fe Trail and east between 2 and 4 Santa Fe Trail in a new easement. BW2 Engineers were engaged in January 2017 in the amount of \$33,500 from 21-8210-490-122 and have started design work.

Estimated Cost (Construction & Contingency): \$348,000 (design is funded 16/17 budget)

3. Parker Road Waterline Phase 3T:

The Parker Road 4-inch Temporary Phase 3T (from Santa Fe to Stinson Road). The four-inch line will provide temporary, minimal service to three residential properties. Phase 3 will remove and replace the four-inch line installed in Phase 3T when and if these properties are subdivided. When subdivided, the property owner will be responsible for replacing the four-inch waterline with at least an eight-inch waterline (the city may choose to fund upsizing to a 12 inch line).

Estimated Cost (Construction & Contingency): \$159,503

4. Restore or replace) aging pumps at the North Pump Station

The existing three pumps in the North Pump Station pump house are 20 plus years old. A detailed evaluation needs to be done to determine if the pumps need to be replaced or refurbished. This project cost is based on replacing the pumps.

Estimate Cost: \$153,821



City of Lucas City Council Agenda Request March 2, 2017

Item No. 06

5. New Pump House – North Pump Station

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.

Estimated Cost: \$432,575

Attachments/Supporting Documentation:

1. Parker Road Waterline Projects Map
2. Single Pressure Plane Map
3. Timeline for Certificates of Obligation
4. Projected Fund Balance – Water Fund

Budget/Financial Impact:

Water Fund:

Total Priority Projects	\$3,284,743
Less Unencumbered Balance in 21-8210-490-120/122.....	(142,964)
Funding Needed.....	\$3,141,779

Projected Excess Reserves After GASB 54 Requirements as of 9/30/2017:

Water Fund.....	\$2,638,344
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Recommendation:

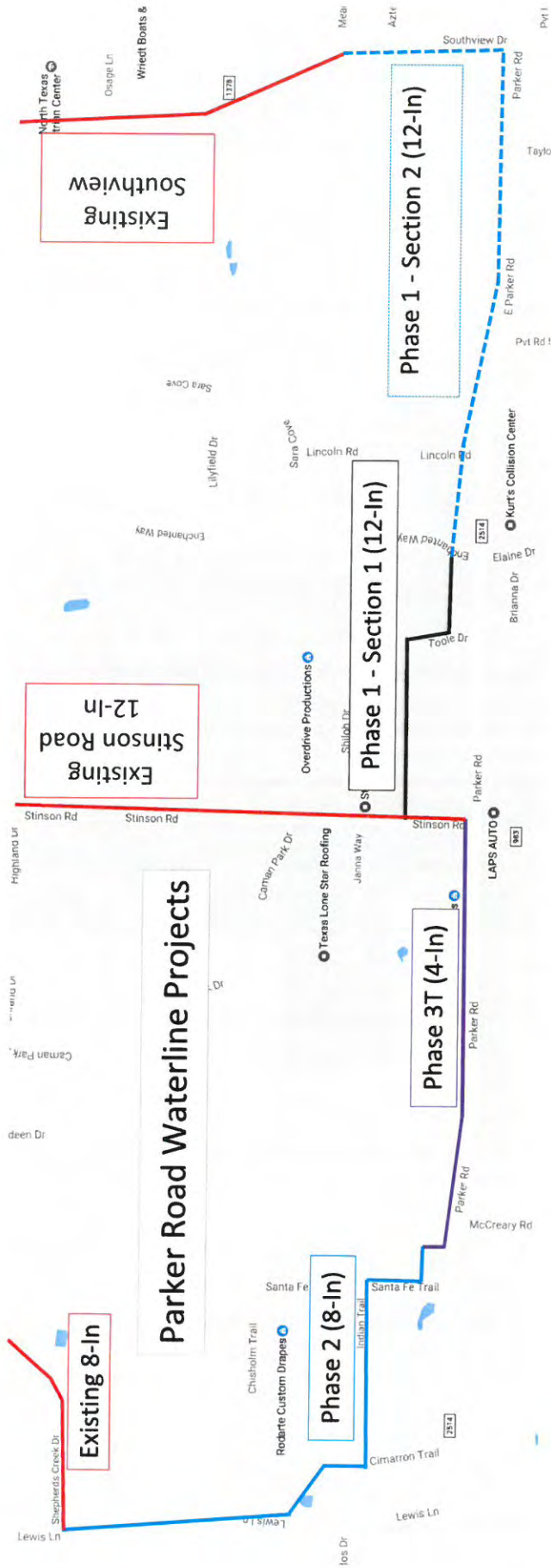
Staff recommends the City Council consider 1) the use of existing budgeted FY 16/17 unencumbered funds to partially fund water and roadway projects; 2) use a portion of Water Fund excess reserves to reduce the amount of debt necessary to fund priority roadway projects; and 3) use of Certificates of Obligation to fund the unfunded portion of the selected priority projects.



City of Lucas City Council Agenda Request March 2, 2017

Motion:

- A) I make a motion to approve and authorize the following water projects to be initiated in generally the following priority order:
1. Elevated Water Tower, Wiltshire Court to the North Pump Station 8-Inch Connection and Pressure Regulating Valves
 2. Parker Road Waterline Phase 2 (from Shepherds Creek Drive to Santa Fe Trail)
 3. Parker Road Waterline Phase 3T (From Santa Fe Trail to Stinson Road)
 4. Restore or replace pumps at the North Pump Station
 5. Add new pump house at the North Pump Station with three 500 GPM pumps; and (Any additional water projects that Council determined)
- B) I make a motion to use the remaining balances in accounts 21-8210-490-120 and 21-8210-490-122 in an amount not to exceed \$142,964 to be used to fund the water projects approved in this Item 6.
- C) I make a motion to use Water Fund reserves in an amount not to exceed \$141,779 to be used to fund the water projects approved in this Item 6.
- D) I make a motion to direct the City Manager to engage SAMCO Financial Advisors to assist on the Notice of Intention Resolution to issue Certificates of Obligation up to \$3,000,000 to fund the water projects approved in this Item 6.



Parker Road Waterline Projects

Existing 8-In

Existing 12-In Stinson Road

Existing Southview

Phase 2 (8-In)

Phase 3T (4-In)

Phase 1 - Section 1 (12-In)

Phase 1 - Section 2 (12-In)



Single Pressure Plane

- * 500,000 Gallon Water Tower Options
- With new pump station
- * Wiltshire Court Connector
- * Restore Existing Pump Station
- * System Pressure Regulating Valves
(Locations to be determined in the future)

CITY OF LUCAS, TEXAS (THE "CITY")
 \$ _____*
 COMBINATION TAX AND LIMITED PLEDGE REVENUE CERTIFICATES OF OBLIGATION,
 SERIES 2017 (THE "OBLIGATIONS")

April							May							June							July						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	1	2	3	4	5	6					1	2	3							1	
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
23	24	25	26	27	28	29	28	29	30	31	25	26	27	28	29	30	23	24	25	26	27	28	29				
30																			30	31							

Monday, April 17, 2017	SAMCO Capital Markets, Inc. ("SAMCO") sends the City the Request for Information ("RFI")
Monday, April 24, 2017	City returns the RFI to SAMCO
Monday, May 1, 2017	First draft of the NOS/POS sent to Bond Counsel
Thursday, May 4, 2017	City Council meets to authorize the Notice of Intention Resolution ("NOI") to issue the Obligations
Monday, May 8, 2017	Comments due on first draft of NOS/POS
Wednesday, May 10, 2017	First publication of the NOI in City's paper of record
	Second draft of NOS/POS sent to Issuer, Bond Counsel and Rating Agency
Monday, May 15, 2017	Comments due on the second draft of the NOS/POS
Week of May 15 th	Hold Rating Call with the City and Rating Agency
Wednesday, May 17, 2017	Second publication of the NOI in City's paper of record
Wednesday, May 31, 2017	Rating due back; Post NOS/POS to the Municipal Advisory Council
Thursday, June 8, 2017	Post the NOS/POS to PostOS and email link to working group
Thursday, June 15, 2017	Bids due at 12 noon (Central Time);
	7p.m. City Council authorizes the issuance of the Obligations at a competitive sale.
Wednesday, July 13, 2017	Obligations Closing; Funds wired to the City's depository bank

SAMCO CAPITAL MARKETS, INC.

City of Lucas
Projected Fund Balances Water Fund
For Fiscal Year Ended September 30, 2017

Beginning Reserve Balance September 30, 2016	\$ 5,954,746
Projected change in Fund Balance	\$ 23,186
Subtotal	<u>\$ 5,977,932</u>
Minus:	
Restrictions:	
Debt Service Payments	\$ (375,000)
Customer Deposits	\$ (239,250)
Reserve Transfer for New Position	\$ (31,086)
Reserve Transfer for Capital Projects	<u>\$ (876,117)</u>
Total Projected Unrestricted prior to GASB 54 requirement	<u>\$ 4,456,479</u>
Projected FY 16-17 Operating Costs	\$ 3,636,271
Six Month Reserve Requirement	<u>\$ 1,818,136</u>
Excess Reserves After GASB 54 Requirement	<u>\$ 2,638,344</u>
Operating Days	265
Months	9



City of Lucas City Council Agenda Request March 2, 2017

Requester: Councilmember Wayne Millsap
Public Works Director/City Engineer Stanton Foerster

Agenda Item:

Discuss and consider roadway projects, determine priority and funding strategy to fund design and construction:

A) General Fund roadway projects for consideration and prioritization:

1. Winningkoff Rd Reverse Curve (design funded in FY 16/17)
2. Stinson Rd/W. Lucas Rd Intersection (design funded in FY 16/17)
3. Country Club Road/Estates Parkway Intersection
4. Winningkoff Road (Reverse Curve to Snider Lane)
5. Stinson Road South of Bridge
6. Blondy Jhune Road (West Bridge to Winningkoff Road)
7. Stinson Road North of Bridge (middle section)
8. Winningkoff Road (E. Lucas Rd to Reverse Curve)
9. Any additional roadway projects that Council may determine.

B) Discuss funding strategy including using unencumbered line item balances in the Capital fund, unrestricted General Fund reserves and work with SAMCO Financial Advisors on the Notice of Intention Resolution to issue Certificates of Obligation and provide guidance to staff on the specified amount required to fund the roadway projects.

Background Information:

During the past few years, the City Council has considered a variety of infrastructure projects. At different times, staff has brought forward projects depending on the directions from the City Council. With the near completion of the City’s Comprehensive Plan and Capital Improvement Plan, the timing is right to consider moving forward with high priority infrastructure projects.

GENERAL FUND ROADWAY PROJECTS (all inclusive) FOR CONSIDERATION AND PRIORITIZATION:

1. Winningkoff Road Reverse Curve (design funded in FY 16/17)	\$964,000
2. Stinson Rd/W. Lucas Rd Intersection (design funded in FY 16/17)	\$453,000
3. Country Club Road/Estates Parkway Intersection	\$350,000
4. Winningkoff Road - Reverse Curve to Snider Lane	\$1,400,000
5. Stinson Road South of Bridge.....	\$2,267,000
6. Blondy Jhune Road - West Bridge to Winningkoff Road	\$2,700,000
7. Stinson Road North of Bridge (middle section)	\$2,000,000



Item No. 07

City of Lucas City Council Agenda Request March 2, 2017

8. Winningkoff Road - E. Lucas Rd to Reverse Curve.....	\$1,900,000
Total Cost	\$12,034,000

Note: Cost estimates include design, construction and contingency unless otherwise noted.

Attachments/Supporting Documentation:

1. Roadway Projects Map
2. Timeline for Certificates of Obligation
3. Project Fund Balance – General Fund

Budget/Financial Impact:

General Fund:

Total Priority Projects	\$12,034,000
Less Unencumbered Balance in 21-8210-491-123	(749,000)
Funding Needed	\$11,285,000

Projected Excess Reserves After GASB 54 Requirements as of 9/30/2017:

General Fund.....	\$5,055,355
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Recommendation:

Staff recommends the City Council 1) use existing budgeted FY 16/17 unencumbered funds to partially fund roadway projects; 2) use a portion of General Fund excess reserves to reduce the amount of debt necessary to fund roadway projects; and 3) use of Certificates of Obligation to fund the unfunded portion of the selected projects.

Motion:

A) I make a motion to approve the following roadway projects to be initiated in generally the following priority order:

1. Winningkoff Road Reverse Curve (design funded in FY 16/17)\$964,000
2. Stinson Rd/W. Lucas Rd Intersection (design funded in FY 16/17)\$453,000
3. Country Club Road/Estates Parkway Intersection.....\$350,000
4. Winningkoff Road - Reverse Curve to Snider Lane.....\$1,400,000
5. Stinson Road South of Bridge.....\$2,267,000
6. Blondy Jhune Road - West Bridge to Winningkoff Road\$2,700,000
7. Stinson Road North of Bridge (middle section)\$2,000,000



Item No. 07

City of Lucas
City Council Agenda Request
March 2, 2017

8. Winningkoff Road - E. Lucas Rd to Reverse Curve.....\$1,900,000
Total Cost\$ _____
- B) I make a motion to use the remaining balance in account 21-8210-491-123 in an amount not to exceed \$749,000 to be used to fund the roadway projects approved in this Item 7.
- C) I make a motion to use excess General Fund in an amount not to exceed \$ _____ to be used to fund the roadway projects approved in this Item 7.
- D) I make a motion to direct the City Manager to engage SAMCO Financial Advisors to assist on the Notice of Intention Resolution to issue Certificates of Obligation up to \$ _____ to fund the roadway projects approved in this Item 7.

Roadway Projects



CITY OF LUCAS, TEXAS (THE "CITY")
 \$ _____*
 COMBINATION TAX AND LIMITED PLEDGE REVENUE CERTIFICATES OF OBLIGATION,
 SERIES 2017 (THE "OBLIGATIONS")

April							May							June							July						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	1	2	3	4	5	6				1	2	3							1		
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
23	24	25	26	27	28	29	28	29	30	31	25	26	27	28	29	30	23	24	25	26	27	28	29				
30																			30	31							

Monday, April 17, 2017	SAMCO Capital Markets, Inc. ("SAMCO") sends the City the Request for Information ("RFI")
Monday, April 24, 2017	City returns the RFI to SAMCO
Monday, May 1, 2017	First draft of the NOS/POS sent to Bond Counsel
Thursday, May 4, 2017	City Council meets to authorize the Notice of Intention Resolution ("NOI") to issue the Obligations
Monday, May 8, 2017	Comments due on first draft of NOS/POS
Wednesday, May 10, 2017	First publication of the NOI in City's paper of record
	Second draft of NOS/POS sent to Issuer, Bond Counsel and Rating Agency
Monday, May 15, 2017	Comments due on the second draft of the NOS/POS
Week of May 15 th	Hold Rating Call with the City and Rating Agency
Wednesday, May 17, 2017	Second publication of the NOI in City's paper of record
Wednesday, May 31, 2017	Rating due back; Post NOS/POS to the Municipal Advisory Council
Thursday, June 8, 2017	Post the NOS/POS to PostOS and email link to working group
Thursday, June 15, 2017	Bids due at 12 noon (Central Time);
	7p.m. City Council authorizes the issuance of the Obligations at a competitive sale.
Wednesday, July 13, 2017	Obligations Closing; Funds wired to the City's depository bank

SAMCO CAPITAL MARKETS, INC.

City of Lucas
 Projected Fund Balances General Fund
 For Fiscal Year Ended September 30, 2017

Beginning Reserve Balance September 30, 2016	\$	7,398,056
Projected change in Fund Balance	\$	415,828
Subtotal	\$	<u>7,813,884</u>
Minus:		
Restrictions:		
FY 15-16 Capital Outlay Reserve	\$	(100,000)
FY 16-17 Capital Outlay Reserve	\$	(50,000)
Reserve Transfer for Trail Project	\$	(11,000)
Municipal Court and Cable Peg Fees	\$	<u>(68,674)</u>
Total Projected Unrestricted prior to GASB 54 requirement	\$	<u>7,584,210</u>
Projected FY 16-17 Operating Costs	\$	5,057,710
Six Month Reserve Requirement	\$	<u>2,528,855</u>
Excess Reserves After GASB 54 Requirement	\$	<u>5,055,355</u>
Operating Days		365
Months		12

CITY OF LUCAS, TEXAS (THE "CITY")
 \$9,000,000*
 COMBINATION TAX AND LIMITED PLEDGE REVENUE CERTIFICATES OF OBLIGATION,
 SERIES 2017 (THE "OBLIGATIONS")

May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3							1							
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28	29	30	23	24	25	26	27	28	29	27	28	29	30	31			
													30	31													

Monday, May 1, 2017	SAMCO Capital Markets, Inc. ("SAMCO") sends the City the Request for Information ("RFI")
Monday, May 8, 2017	City returns the RFI to SAMCO
Monday, May 15, 2017	First draft of the Notice of Sale ("NOS") and the Preliminary Official Statement ("POS") sent to Bond Counsel
Thursday, May 18, 2017	City Council meets to authorize the Notice of Intention Resolution ("NOI") to issue the Obligations
Monday, May 22, 2017	Comments due on first draft of NOS/POS
Wednesday, May 24, 2017	First publication of the NOI in City's paper of record
	Second draft of NOS/POS sent to Issuer, Bond Counsel and Rating Agency
Monday, May 29, 2017	Comments due on the second draft of the NOS/POS
Wednesday, May 31, 2017	Second publication of the NOI in City's paper of record
Week of June 5 th	Hold Rating Call with the City and Rating Agency
Wednesday, June 21, 2017	Post NOS/POS to the Municipal Advisory Council
Wednesday, June 28, 2017	Rating due back
Thursday, June 29, 2017	Post the NOS/POS to PostOS and email link to working group
Thursday, July 6, 2017	Bids due at 12 noon (Central Time);
	7p.m. City Council authorizes the issuance of the Obligations at a competitive sale.
Wednesday, August 1, 2017	Obligations Closing; Funds wired to the City's depository bank

SAMCO CAPITAL MARKETS, INC.



City of Lucas Council Agenda Request May 4, 2017

Requester: Mayor Jim Olk

Agenda Item:

Executive Session:

The City Council may enter into Executive Session as permitted under the Texas Government Code, Section 551.072 to deliberate the purchase, exchange, lease or value of real property within the City of Lucas.

Background Information:

NA

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas Council Agenda Request May 4, 2017

Requester: Mayor Jim Olk

Agenda Item:

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

Background Information:

NA

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA