

City of Lucas City Council Meeting January 5, 2017 7:00 PM

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

Notice is hereby given that a City of Lucas meeting of the City Council will be held on Thursday, January 5, 2017 at 7:00 pm at Lucas City Hall, 665 Country Club Road, Lucas, Texas, 75002-7651 at which time the following agenda will be discussed. As authorized by Section 551.071 of the Texas Government Code, the City Council may convene into closed Executive Session for the purpose of seeking confidential legal advice from the City Attorney on any item on the agenda at any time during the meeting.

Call to Order

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

Citizen Input

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

1. Citizens' Input (Mayor Jim Olk)

Community Interest

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

2. Items of Community Interest (Mayor Jim Olk)

Public Hearing

- 3. Public Hearing to consider the request by James Roberts on behalf of Goose Real Estate Inc. for a request to rezone approximately 58.6 acres of land currently zoned R-2 to a residential Planned Development with R-2 remaining as the base zoning, located at the east dead end of East Winningkoff Road and being part of the Thomas D. James Survey, Abstract No. 477 and adopting Ordinance 2017-01-00847. (Development Services Director Joe Hilbourn)
 - A. Presentation by Development Services Director Joe Hilbourn
 - B. Conduct Public Hearing
 - C. Take action regarding proposed zoning change

Consent Agenda

4. Consider approval of the minutes of the December 15, 2016 City Council meeting. (City Secretary Stacy Henderson)

Regular Agenda

- 5. Consider the request by James Roberts on behalf of Logan Ford Ranch Estates for preliminary plat approval of Phase 3, consisting of 17 lots totaling 58.644 acres, and located at the east dead end of East Winningkoff Road, part of the Thomas D. James Survey, Abstract Number 477. (Development Services Director Joe Hilbourn)
- 6. Consider authorizing the City Manager to enter into an agreement with Nixle Solutions for mass communication services for a period of three years effective January 27, 2017, and appropriate funds from the unrestricted general fund in the amount of \$6,209. (Development Services Director Joe Hilbourn)
- 7. Discuss and provide feedback to staff regarding the City's proposed Capital Improvement Plan (CIP). (Development Services Director Joe Hilbourn)

Executive Session

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

- 8. Pursuant to Section 551.071 of the Texas Government Code, the City Council will convene into Executive Session to obtain legal advice from the City Attorney regarding Ordinance 2016-10-00845, regulation of accessory buildings. (Mayor Jim Olk)
- 9. Reconvene from Executive Session and take any action necessary as a result from the Executive Session.
- 10. Adjournment.

Certification

I hereby certify that the above notice was posted in accordance with the Texas Open Meetings Act on the bulle	rtin
board at Lucas City Hall, 665 Country Club Road, Lucas, TX 75002 and on the City's website at www.lucaste.	xas.us
on or before 5:00 p.m. on December 20, 2016.	

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 January 5, 2017

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



City of Lucas Council Agenda Request January 5, 2017

Requester:	Mayor Jim Olk
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Items of Community Interest.

Background Information:

NA

Citizen Summary:

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

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA



City of Lucas City Council Agenda Request January 5, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Public Hearing to consider the request by James Roberts on behalf of Goose Real Estate Inc. for a request to rezone approximately 58.6 acres of land currently zoned R-2 to a residential Planned Development with R-2 remaining as the base zoning, located at the east dead end of East Winningkoff Road and being part of the Thomas D. James Survey, Abstract No. 477 and adopting Ordinance 2017-01-00847.

- A. Presentation by Development Services Director Joe Hilbourn
- B. Conduct Public Hearing
- C. Take action regarding proposed zoning change

Background Information:

This property consists of 58.6 +/- acres of land and is currently vacant. This property is currently zoned R-2 and the applicant is asking for a Planned Development for this parcel. Several deviations are being requested from the current R-2 requirements outlined below:

Code of Ordinances Section 14.03.113 - Area Regulations

Current Zoning Requirements:

The lot width shall be not less than two hundred feet (200') at the front street property line, nor shall its average width be less than two hundred feet (200'). The minimum width of a lot on a culde-sac shall be not less than forty feet (40') at the property line, nor shall its average width be less than two hundred feet (200'). The minimum width of a lot on a curve exceeding thirty degrees shall be not less than one hundred feet (100') at the property line, nor shall its average width be less than two hundred feet (200').

Deviation being requested:

Allow the lot width to not be less than twenty five feet (25') at the front street property line, nor shall the average width be less than two hundred feet (200').

Code of Ordinances Section 10.03.031 - Platting Procedure

Current Zoning Requirements:

Upon completion of the required public improvements, or the provision of an improvement agreement, the owner may submit a corrected final plat for the subdivision. Lots may be sold and building permits obtained after approval of the final plat by the planning and zoning commission, and filing of the signed plat. Subject to review and approval by city council.



City of Lucas City Council Agenda Request January 5, 2017

Deviation being requested:

Allow for early platting.

Code of Ordinances Section 10.03.123 - Streets and drainage

Current Zoning Requirements:

Subdivision streets shall be tied to an existing paved public street by pavement built to city standards.

Deviation being requested:

- 1) Asphalt roads be permitted.
- 2) The design and construction of the road base and finish surface (asphalt) of East Winningkoff Road extension be constructed as follows: the base shall be twenty-six (26) feet wide and subgrade consisting of five percent (5%) cement stabilized base; the pavement\asphalt shall be a minimum of three inches (3) thick and twenty four (24) feet wide of type D asphalt in accordance with the current City of Lucas standard construction requirements.

Staff is requesting the maximum number of lots permitted in Logan Ford Cattle Ranch Phase 3 is 17. The applicant is proposing 17 lots with an average density of over 3 acres per lot. This request complies with the City's approved Comprehensive Plan.

Citizen Summary:

This first step in the development process is for a parcel of land to be zoned. The requested zoning should match the City's approved Comprehensive Plan. If the zoning does not match the Comprehensive Plan, a zoning change request goes before the Planning and Zoning Commission for consideration. Should the request in zoning be approved, the Comprehensive Plan is updated. The next step for this particular request is to create a planned development. A planned development is required to have an underlying zoning, in this case R-2, then the district requirements must be drawn up and adopted in the form of an ordinance. This type of development gives the City and Developer more flexibility in creating a development. Once the planned development has been created, a preliminary plat will be filed, then construction of the site, and then final plat when all improvements are complete.



City of Lucas City Council Agenda Request January 5, 2017

Attachments/Supporting Documentation:

- 1. Legal Description
- 2. Depiction
- 3. Concept Plan and Lot Detail
- 4. Public Notice
- 5. Location Map
- 6. District requirements
- 7. Ordinance 2017-01-00847

Budget/Financial Impact:

NA

Recommendation from the Planning and Zoning Commission:

The Planning and Zoning Commission recommended unanimously to approve the request for a Planned Development District, with the exception of allowing for early platting. This deviation from R-2 requirements was denied.

Motion:

I make a motion to approve/deny the request by James Roberts on behalf of Goose Real Estate Inc. for a request to rezone approximately 58.6 acres of land currently zoned R-2 to a residential Planned Development with R-2 remaining as the base zoning, located at the east dead end of East Winningkoff Road and being part of the Thomas D. James Survey, Abstract No. 477.

Logan Ford Ranch III Metes & Bounds Description

SITUATED in the State of Texas, County of Collin, and City of Lucas, being part of the Thomas D. James Survey, Abstract No. 477, and being the re-survey of a 58.644 acre tract as recorded under Document No. 20161010001367210 of the Collin County Land Records with said premises being more particularly described as follows:

BEGINNING at a 5/8-inch iron rod found in the approximate center of East Winningkoff Road marking the northwest corner of said 58.644 acre tract, the northwest corner of said premises, the northeast corner of a called 20 acre tract as recorded under Document No. 20150819001043200 of the Collin County Land Records, the most southerly southeast corner of Logan Ford Ranch, Phase 1, an addition to the City of Lucas as recorded in Volume 2016, Page 321 of the Collin County Map Records, and the southwest corner of the remainder of a called 40.67 acre tract as recorded under Document No. 20150819001043200 of the Collin County Land Records and in Volume 350, Page 279 and Volume 278, Page 124 of the Collin County Land Records;

THENCE with the north line of said 58.644 acre tract, the north line of said premises, and the south line of said remainder of a called 40.67 acre tract, South 88°48'42" East, 963.82 feet to a Corps of Engineer's concrete monument found with brass disk marking the most northerly northeast corner of said 58.644 acre tract, the most northerly northeast corner of said premises, the southeast corner of said remainder of a called 40.67 acre tract, the southwest corner of a called 11.26 acre tract as recorded in Volume 769, Page 795 of the Collin County Land Records, and the northwest corner of a United States of America tract (per Collin County Central Appraisal District);

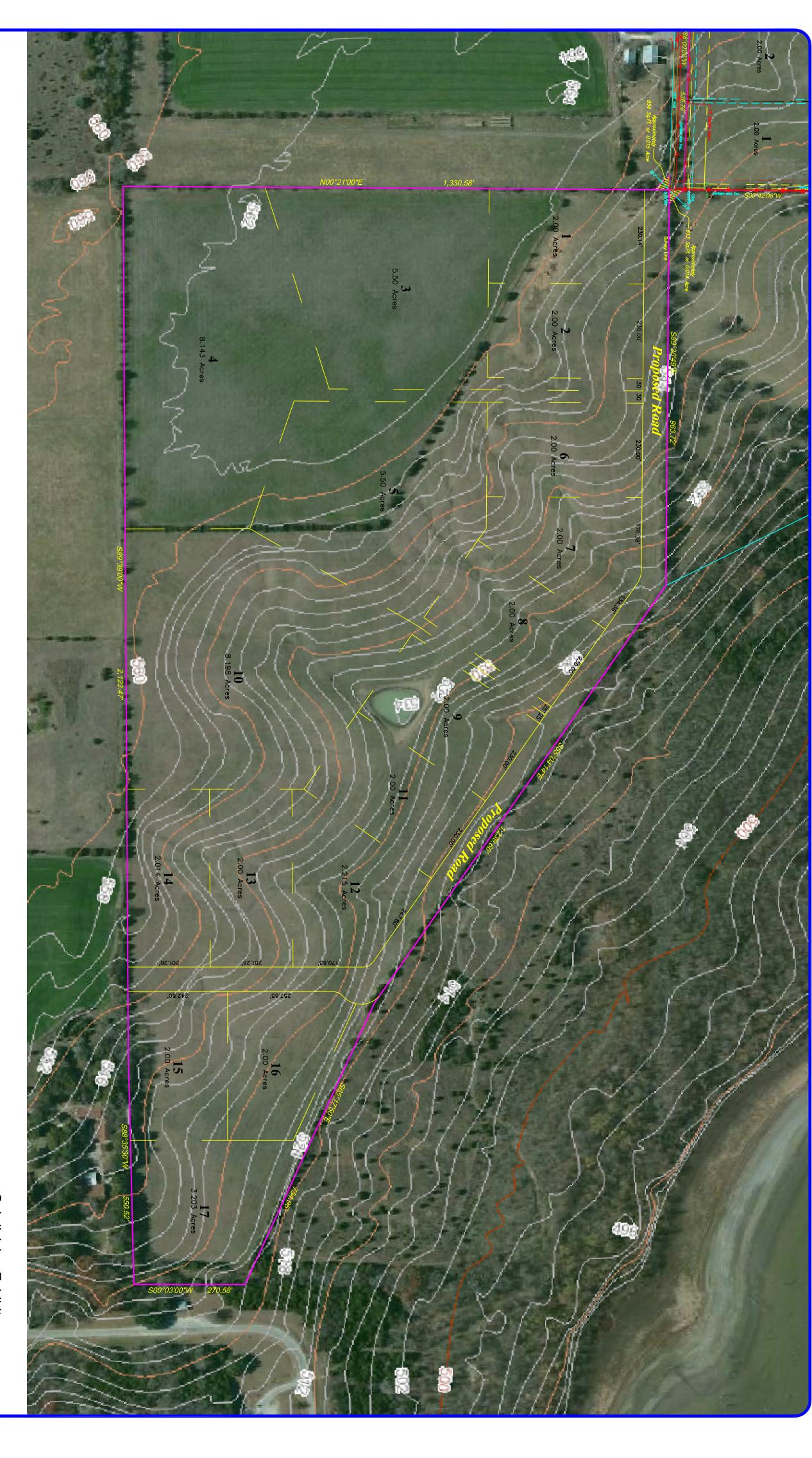
THENCE with the northeast line of said 58.644 acre tract, the northeast line of said premises, and the southwest line of said United States of America tract, South 54°25'44" East, 1,239.97 feet to a Corps of Engineer's concrete monument found with brass disk and South 64'35'43" East, 754.95 feet to a point for corner marking the most easterly northeast corner of said 58.644 acre tract, the most easterly northeast corner of said United States of America tract;

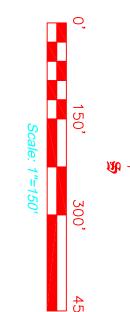
THENCE with the east line of said 58.644 acre tract, the east line of said premises, and the west line of said United States of America tract, South 00'39'58" West, 269.53 feet to a 3/8-inch iron rod found marking the southeast corner of said 58.644 acre tract, the southeast corner of said premises, and the northeast corner of a called 2.125 acre tract (Tract One) as recorded under Document No. 20151231001627760 of the Collin County Land Records;

THENCE with the south line of said 58.644 acre tract, the south line of said premises, partway with the north line of said 2.125 acre tract, partway with the north line of a called 17.485 acre tract as recorded in Volume 3931, Page 807 of the Collin County Land Records, partway with the north line of a called 5.793 acre tract as recorded under Document No. 20140527000523060 of the Collin County Land Records, partway with the north line of a called 15.412 acre tract as recorded in Volume 1618, Page 918 of the Collin County Land Records, and partway with the north line of a called 10.00 acre tract as recorded in Volume 1383, Page 718 of the Collin County Land Records as follows:

South 89'14'56" West, 46938 feet to a RPLS 5587 capped iron rod found marking the northwest corner of said 2.125 acre tract and the northeast corner of said 17.485 acre tract; North 89°55'07" West, 580.61 feet to a 5/8-inch iron rod found marking the northwest corner of said 17.485 acre tract and the northeast corner of said 5.793 acre tract; North 89°33'29" West, 200.83 feet; North 89°17'03" West, 208.69 feet; South 89°30'14" West, 113.75 feet to a Roome capped iron rod found marking the northwest corner of said 5.793 acre tract and the northeast corner of said 15.412 acre tract; North 89°41'05" West, passing a wood fence corner post at 525.73 feet marking the northwest corner of said 15.412 acre tract and the northeast corner of said 10.00 acre tract, and continuing for a total distance of 1,102.36 feet to a wood fence corner post marking the southwest corner of said 58.644 acre tract, the southwest corner of said premises, the northwest corner of said 10.00 acre tract, the northeast corner of a called 29.00 acre tract as recorded under Document No. 20140619000627200 of the Collin County Land Records, and the southeast corner of the aforementioned 20 acre tract:

THENCE with the west line of said 58.644 acre tract, the west line of said premises, and the east line of said 20 acre tract, North 01'03'53" East, 1,331.01 feet to the point of beginning and containing 58.644 acres of land.





Subdivision Exhibit

Logan Ford Ranch Phase 3
T.D. James Survey, Abstract No. 477
City of Lucas, Collin County, Texas
August 30, 2016

Glas Land Surveying

2114 FM 1563, Wolfe City, Texas 75496

Office: (903) 496–2084 Fax: (469) 547–0826

www.glaslandsurveying.com
TBPLS Firm No. 10193970

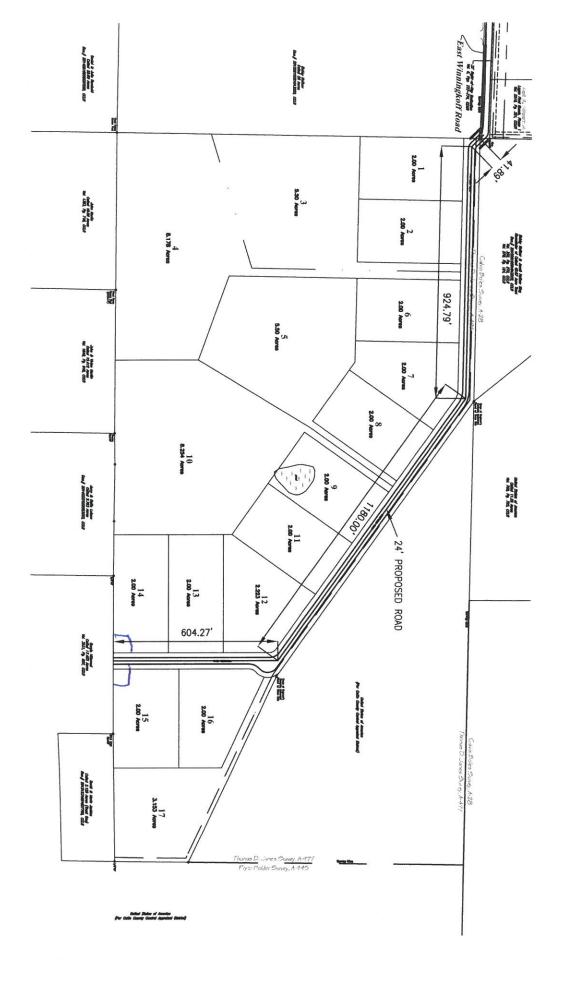
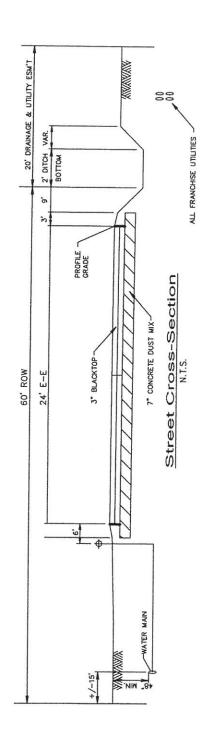


Exhibit "C"





NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN, that the Planning & Zoning Commission of the City of Lucas, Texas (the "City"), will conduct a Public Hearing on Thursday, December 8, 2016 at 7:00 p.m. and City Council will conduct a public hearing on Thursday, January 5, 2017 at 7:00 p.m. at Lucas City Hall, 665 Country Club, Lucas, Texas to consider a request for a Planned Development District for a parcel of land currently zoned R-2 and with a base zoning of R-2 to remain and consisting of 17 residential lots with an average density of over 3 acres per lot. The parcel of land being generally located at the east dead end of East Winningkoff Road and described as follows:

SITUATED in the State of Texas, County of Collin, and City of Lucas, being part of the Thomas D. James Survey, Abstract No. 477, and being the re-survey of a 58.644 acre tract as recorded under Document No. 20161010001367210 of the Collin County Land Records with said premises being more particularly described as follows:

BEGINNING at a 5/8-inch iron rod found in the approximate center of East Winningkoff Road marking the northwest corner of said 58.644 acre tract, the northwest corner of said premises, the northeast corner of a called 20 acre tract as recorded under Document No. 20150819001043200 of the Collin County Land Records, the most southerly southeast corner of Logan Ford Ranch, Phase 1, an addition to the City of Lucas as recorded in Volume 2016, Page 321 of the Collin County Map Records, and the southwest corner of the remainder of a called 40.67 acre tract as recorded under Document No. 20150819001043200 of the Collin County Land Records and in Volume 350, Page 279 and Volume 278, Page 124 of the Collin County Land Records;

THENCE with the north line of said 58.644 acre tract, the north line of said premises, and the south line of said remainder of a called 40.67 acre tract, South 88°48'42" East, 963.82 feet to a Corps of Engineer's concrete monument found with brass disk marking the most northerly northeast corner of said 58.644 acre tract, the most northerly northeast corner of said premises, the southeast corner of said remainder of a called 40.67 acre tract, the southwest corner of a called 11.26 acre tract as recorded in Volume 769, Page 795 of the Collin County Land Records, and the northwest corner of a United States of America tract (per Collin County Central Appraisal District);

THENCE with the northeast line of said 58.644 acre tract, the northeast line of said premises, and the southwest line of said United States of America tract, South 54°25'44" East, 1,239.97 feet to a Corps of Engineer's concrete monument found with brass disk and South 64°35'43" East, 754.95 feet to a point for corner marking

the most easterly northeast corner of said 58.644 acre tract, the most easterly northeast corner of said premises, and an interior ell-corner of said United States of America tract:

THENCE with the east line of said 58.644 acre tract, the east line of said premises, and the west line of said United States of America tract, South 00°39'58" West, 269.53 feet to a 3/8-inch iron rod found marking the southeast corner of said 58.644 acre tract, the southeast corner of said premises, and the northeast corner of a called 2.125 acre tract (Tract One) as recorded under Document No. 20151231001627760 of the Collin County Land Records;

THENCE with the south line of said 58.644 acre tract, the south line of said premises, partway with the north line of said 2.125 acre tract, partway with the north line of a called 17.485 acre tract as recorded in Volume 3931, Page 807 of the Collin County Land Records, partway with the north line of a called 5.793 acre tract as recorded under Document No. 20140527000523060 of the Collin County Land Records, partway with the north line of a called 15.412 acre tract as recorded in Volume 1618, Page 918 of the Collin County Land Records, and partway with the north line of a called 10.00 acre tract as recorded in Volume 1383, Page 718 of the Collin County Land Records as follows:

South 89°14'56" West, 469.58 feet to a RPLS 5587 capped iron rod found marking the northwest corner of said 2.125 acre tract and the northeast corner of said 17.485 acre tract;

North 89°55'07" West, 580.61 feet to a 5/8-inch iron rod found marking the northwest corner of said 17.485 acre tract and the northeast corner of said 5.793 acre tract:

North 89°33'29" West, 200.83 feet;

North 89'17'03" West, 208.69 feet;

South 89°30'14" West, 113.75 feet to a Roome capped iron rod found marking the northwest corner of said 5.793 acre tract and the northeast corner of said 15.412 acre tract;

North 89°41'05" West, passing a wood fence corner post at 525.73 feet marking the northwest corner of said 15.412 acre tract and the northeast corner of said 10.00 acre tract, and continuing for a total distance of 1,102.36 feet to a wood fence corner post marking the southwest corner of said 58.644 acre tract, the southwest corner of said premises, the northwest corner of said 10.00 acre tract, the northeast corner of a called 29.00 acre tract as recorded under Document No. 20140619000627200 of the Collin County Land Records, and the southeast corner of the aforementioned 20 acre tract:

THENCE with the west line of said 58.644 acre tract, the west line of said premises, and the east line of said 20 acre tract, North 01°03'53" East, 1,331.01 feet to the point of beginning and containing 58.644 acres of land.

Those wishing to speak for or against 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, email shenderson@lucastexas.us and it will be presented at the hearing. If you have any question about the request contact Joe Hilbourn at jhilbourn@lucastexas.us.

Logan Ford Ranch III



Division 3. Planned Development for Logan Ford Ranch Phase 3

Sec. 14.03.111 Use regulations

No land shall be used and no building shall be erected, altered, converted or used for a use other than those specified in <u>section 14.03.801</u>, schedule of uses, and <u>article 14.02</u> <u>division 4</u>, specific use permits.

- (1) No mobile homes or HUD-code manufactured homes as defined herein shall be permitted.
- (2) A special exception shall be required when the total combined square footage of the main building and/or any accessory buildings exceeds 50,000 square feet.

(Ordinance 2008-11-00634 adopted 11/20/08)

Sec. 14.03.112 Height regulations

No building shall exceed thirty-five feet (35') or two and one-half (2-1/2) stories in height. (1995 Code, sec. 9-36)

Sec. 14.03.113 Area regulations

- (a) Size of yards.
 - (1) <u>Front yard</u>. There shall be a front yard having a depth of not less than fifty feet (50'). Where lots have double frontage, running through from one street to another, the required front yard shall be provided on both streets. No required parking shall be allowed within the required front yard.
 - (2) <u>Side yard</u>. There shall be a side yard on each side of the lot having a width of not less than ten percent (10%) of the lot width, [or] twenty feet (20'), whichever is less. A side yard adjacent to a side street shall not be less than twenty-five feet (25'). No side yard for allowable nonresidential uses shall be less than twenty-five feet (25').
 - (3) <u>Rear yard</u>. There shall be a rear yard having a depth of not less than fifty feet (50').

(1995 Code, sec. 9-37)

(b) Size of lot.

- (1) <u>Lot area</u>. No building shall be constructed on any lot of less than two (2) acres (87,120square feet).
- (2) <u>Lot width</u>. The width of the lot shall be not less than twenty five feet (25') at the front street property line, nor shall its average width be less than two hundred feet (200').
- (3) <u>Lot depth</u>. The average depth of the lot shall not be less than one hundred eighty feet (180').
- (4) Where a lot having less area, width, and/or depth than herein required exists in separate ownership upon the effective date of this chapter, the above regulations shall not prohibit the erection of a one-family dwelling thereon.
- (c) <u>Minimum dwelling size</u>. The minimum floor area of any dwelling shall be two thousand square feet (2,000 sq. ft.), exclusive of garages, breezeways, and porches. Dwellings shall have a minimum seventy-five percent (75%) of the exterior walls of masonry construction or the heartwood of a natural decay resistance wood, cementitious siding, stucco, cultured stone exterior or combination of these materials. Alternate materials may be approved by the DRC so as to maintain the architectural compatibility with existing structures.
- (d) <u>Lot coverage</u>. In no case shall more than thirty percent (30%) of the total lot area be covered by the combined area of the main buildings and accessory buildings.
- (e) <u>Roof pitch</u>. Residential dwelling structures shall have a roof pitch of not less than 6" vertical for each 12" horizontal (6:12). Alternative roof design and roof pitches may be considered and approved by the design review committee (DRC).
- (f) <u>Exterior walls and foundation</u>. The exterior walls of residential dwellings shall be supported on a continuous solid concrete beam or slab; or on a fully grouted masonry foundation designed to carry the imposed loads. Exterior and load bearing walls shall be secured to the foundation as required by the adopted residential building code.
- (g) A specific use permit shall be required when the total square footage of the main building and/or any accessory buildings exceeds 50,000 square feet.

(i) Early platting shall be permitted

- (j) Asphalt roads shall be permitted, the design and construction of the road base and finish surface (asphalt) of east Winningkoff Road extension; the base shall be twenty-six (26) feet wide and sub-grade consisting of five percent (5)% cement stabilized base; the pavement\asphalt shall be a minimum of three inches (3) thick and twenty four (24) feet wide of type D asphalt concrete pavement (acp) in accordance with the current City of Lucas standard construction detail and as depicted in Exhibit "C"
- (k) The maximum number of lots permitted in Logan Ford Cattle Ranch phase 2 is 17.

(Ordinance 2015-08-00816 adopted 8/20/15)

Secs. 14.03.114–14.03.170 Reserved

ORDINANCE 2017-01-00847 [ORDINANCE CREATING PLANNED DEVELOPMENT 1]

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LUCAS, COLLIN COUNTY, TEXAS, AMENDING THE COMPREHENSIVE ZONING ORDINANCE AND MAP OF THE CITY OF LUCAS, BY CREATING PLANNED DEVELOPMENT NO. 1 ("PD-1") WITH A BASE ZONING OF R2 SINGLE-FAMILY RESIDENTIAL DISTRICT ("R2"), LOCATED ON ±58.644 ACRES OF LAND GENERALLY LOCATED AT THE EAST DEAD END OF EAST WINNINGKOFF ROAD, BEING PART OF THE THOMAS D. JAMES SURVEY, ABSTRACT NO. 477, AND BEING MORE PARTICULARLY DESCRIBED IN EXHIBIT "A" AND DEPICTED IN EXHIBIT "B"; PROVIDING FOR THE APPROVAL OF THE CONCEPT PLAN ATTACHED AS EXHIBIT "C"; PROVIDING FOR THE APPROVAL OF THE ROAD DETAIL PLAN ATTACHED AS EXHIBIT "D"; PROVIDING A REPEALING CLAUSE; PROVIDING A SEVERABILITY CLAUSE: PROVIDING A SAVINGS CLAUSE: PROVIDING A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000) FOR EACH OFFENSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Planning and Zoning Commission of the City of Lucas, Texas and the City Council of the City of Lucas, Texas, in compliance with the laws of the State of Texas with reference to the granting of zoning classifications and changes, have given the requisite notices by publication and otherwise, and have held due hearings and afforded a full and fair hearing to all property owners generally and to all persons interested and situated in the affected area and in the vicinity thereof, and the City Council of the City of Lucas, Texas is of the opinion and finds that said zoning change should be granted and that the Comprehensive Zoning Ordinance and Map should be amended:

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

Section 1. That the Comprehensive Zoning Ordinance and Map of the City of Lucas, Texas, are hereby amended by creating Planned Development No. 1 with a base zoning of R2 Single-Family Residential District ("R2"), located on ±58.644 acres at the east dead end of East Winningkoff Road, and being part of the Thomas D. James Survey, Abstract No. 477, being more particularly described in Exhibit "A" and depicted in Exhibit "B", attached hereto and made part hereof for all purposes.

Section 2. That the property shall be developed and used only in accordance with the following development conditions:

A. <u>Purpose</u>. The purpose of this Planned Development is to allow for the construction and development of R2 Single Family Residences.

1

City of Lucas

Ordinance # 2017-01-00847 Approved: January 5, 2017

- B. <u>Base Zoning District</u>. The property shall be used and developed in accordance with the R2 Single-Family Residential District, except as otherwise provided herein.
- C. <u>Concept Plan</u>. The property shall be developed and used substantially in accordance with the Concept Plan attached as Exhibit "C", and which is hereby approved.
- D. <u>Lot Width</u>. The width of the lot shall not be less than twenty-five feet (25') at the front street property line, nor shall the average width be less than two hundred feet (200').
- E. <u>Maximum Number of Lots</u>. The maximum number of lots shall be seventeen (17).
- F. Roads. Asphalt roads shall be permitted as depicted in the Road Detail Plan attached as Exhibit "D", and which is hereby approved. The design and construction of the road base and finish surface (asphalt) of the east Winningkoff Road extension shall be: the base shall be twenty-six feet (26') wide and have a sub-grade consisting of five percent (5%) cement stabilized base; the pavement/asphalt shall be a minimum of three inches (3") thick and twenty-four feet (24') wide of type D asphalt pavement in accordance with the current City of Lucas standard construction requirements.
- **Section 3**. That the above Property shall be used only in the manner and for the purpose provided for by the Comprehensive Zoning Ordinance of the City of Lucas, as heretofore amended, and as amended herein.
- **Section 3**. That 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 4.** That should any word, sentence, paragraph, subdivision, clause, phrase or section of this Ordinance 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 6.** That any person, firm or corporation violating any of the provisions or terms of this Ordinance shall be subject to the same penalty as provided for in the 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 Thousand Dollars (\$2,000.00) for each offense, and each and every day such violation shall continue shall be deemed to constitute a separate offense.
- **Section 7.** That 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 5th DAY OF JANUARY, 2017.

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

EXHIBIT "A" LEGAL DESCRIPTION

SITUATED in the State of Texas, County of Collin, and City of Lucas, being part of the Thomas D. James Survey, Abstract No. 477, and being the re-survey of a 58.644 acre tract as recorded under Document No. 20161010001367210 of the Collin County Land Records with said premises being more particularly described as follows:

BEGINNING at a 5/8-inch iron rod found in the approximate center of East Winningkoff Road marking the northwest corner of said 58.644 acre tract, the northwest corner of said premises, the northeast corner of a called 20 acre tract as recorded under Document No. 20150819001043200 of the Collin County Land Records, the most southerly southeast corner of Logan Ford Ranch, Phase 1, an addition to the City of Lucas as recorded in Volume 2016, Page 321 of the Collin County Map Records, and the southwest corner of the remainder of a called 40.67 acre tract as recorded under Document No. 20150819001043200 of the Collin County Land Records and in Volume 350, Page 279 and Volume 278, Page 124 of the Collin County Land Records;

THENCE with the north line of said 58.644 acre tract, the north line of said premises, and the south line of said remainder of a called 40.67 acre tract, South 88°48'42" East, 963.82 feet to a Corps of Engineer's concrete monument found with brass disk marking the most northerly northeast corner of said 58.644 acre tract, the most northerly northeast corner of said premises, the southeast corner of said remainder of a called 40.67 acre tract, the southwest corner of a called 11.26 acre tract as recorded in Volume 769, Page 795 of the Collin County Land Records, and the northwest corner of a United States of America tract (per Collin County Central Appraisal District);

THENCE with the northeast line of said 58.644 acre tract, the northeast line of said premises, and the southwest line of said United States of America tract, South 54°25'44" East, 1,239.97 feet to a Corps of Engineer's concrete monument found with brass disk and South 64°35'43" East, 754.95 feet to a point for corner marking the most easterly northeast corner of said 58.644 acre tract, the most easterly northeast corner of said premises, and an interior ell-corner of said United States of America tract;

THENCE with the east line of said 58.644 acre tract, the east line of said premises, and the west line of said United States of America tract, South 00°39'58" West, 269.53 feet to a 3/8-inch iron rod found marking the southeast corner of said 58.644 acre tract, the southeast corner of said premises, and the northeast corner of a called 2.125 acre tract (Tract One) as recorded under Document No. 20151231001627760 of the Collin County Land Records:

THENCE with the south line of said 58.644 acre tract, the south line of said premises, partway with the north line of said 2.125 acre tract, partway with the north line of a called 17.485 acre tract as recorded in Volume 3931, Page 807 of the Collin County Land Records, partway with the north line of a called 5.793 acre tract as recorded under Document No. 20140527000523060 of the Collin County Land Records, partway with the

1

Exhibit "A"
City of Lucas
Ordinance # 2016-xx-xxx
Approved: _______, 2016

north line of a called 15.412 acre tract as recorded in Volume 1618, Page 918 of the Collin County Land Records, and partway with the north line of a called 10.00 acre tract as recorded in Volume 1383, Page 718 of the Collin County Land Records as follows:

South 89°14'56" West, 469.58 feet to a RPLS 5587 capped iron rod found marking the northwest corner of said 2.125 acre tract and the northeast corner of said 17.485 acre tract;

North 89°55'07" West, 580.61 feet to a 5/8-inch iron rod found marking the northwest corner of said 17.485 acre tract and the northeast corner of said 5.793 acre tract;

North 89°33'29" West, 200.83 feet;

North 89'17'03" West, 208.69 feet;

South 89°30'14" West, 113.75 feet to a Roome capped iron rod found marking the northwest corner of said 5.793 acre tract and the northeast corner of said 15.412 acre tract;

North 89°41'05" West, passing a wood fence corner post at 525.73 feet marking the northwest corner of said 15.412 acre tract and the northeast corner of said 10.00 acre tract, and continuing for a total distance of 1,102.36 feet to a wood fence corner post marking the southwest corner of said 58.644 acre tract, the southwest corner of said premises, the northwest corner of said 10.00 acre tract, the northeast corner of a called 29.00 acre tract as recorded under Document No. 20140619000627200 of the Collin County Land Records, and the southeast corner of the aforementioned 20 acre tract;

THENCE with the west line of said 58.644 acre tract, the west line of said premises, and the east line of said 20 acre tract, North 01°03'53" East, 1,331.01 feet to the point of beginning and containing 58.644 acres of land.

Exhibit "A"
City of Lucas
Ordinance # 2016-xx-xxx
Approved: ______, 2016

EXHIBIT "B" DEPICTION

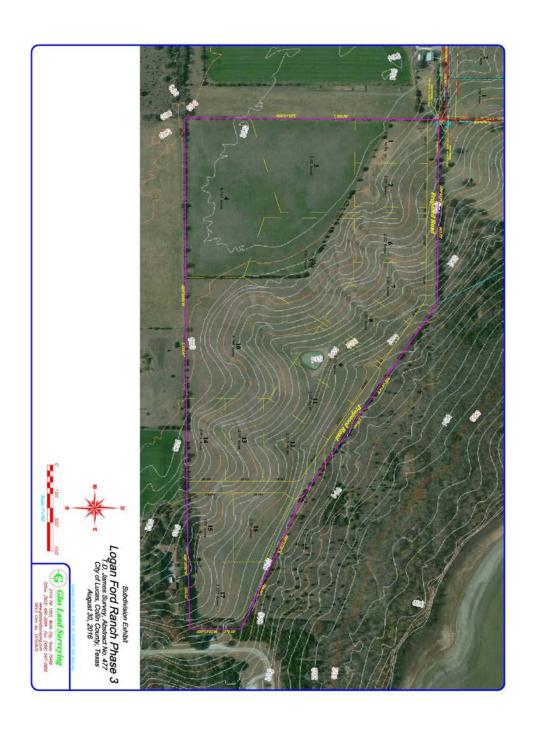


Exhibit "B"
City of Lucas
Ordinance # 2016-xx-xxx
Approved: ______, 2016

EXHIBIT "C" CONCEPT PLAN

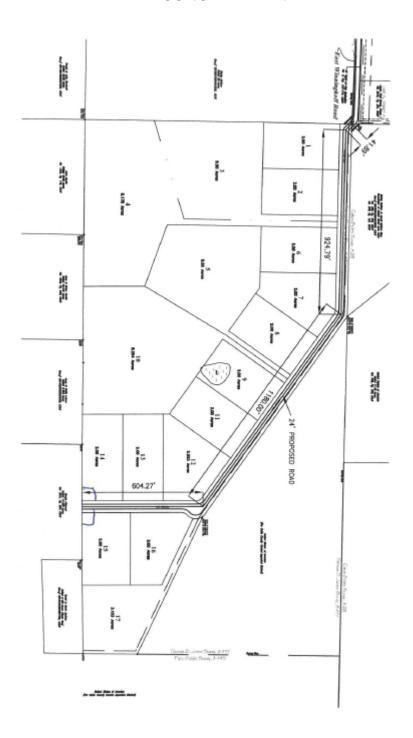
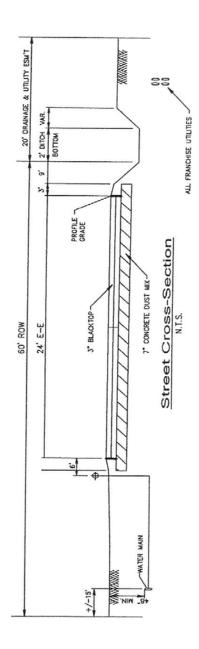


EXHIBIT "D" ROAD DETAIL PLAN



1



City of Lucas Council Agenda Request January 5, 2017

Requester: City Secretary Stacy Henderson

Consent Agenda Items:

04. Consider approval of the minutes of the December 15, 2016 City Council meeting.

Background Information:

NA

Citizen Summary:

All items listed under the Consent Agenda are considered routine and are recommended to the City Council for a single vote approval. Should the Council want to discuss an item on the Consent Agenda, it can be removed and placed on the Regular Agenda for further discussion.

Attachments/Supporting Documentation:

1. Minutes of the December 15, 2016 City Council meeting

Budget/Financial Impact:

NA

Recommendation:

City Staff recommends approval of the Consent Agenda.

Motion:

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



City of Lucas City Council Meeting December 15, 2016 6:30 P.M.

City Hall - 665 Country Club Road – Lucas Texas Minutes

Call to Order

Mayor Olk called the meeting to order at 6:30 p.m.

City Councilmembers Present:

Mayor Jim Olk

Mayor Pro Tem Kathleen Peele

Councilmember Wayne Millsap (arrived at 7:13pm)

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 Fire Chief Ted Stephens

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 Fire Chief Jim Kitchens was retiring from the City of Lucas Fire-Rescue Department as of December 31, 2016, and the City Council wished him much happiness on his future retirement.

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 interviews for appointments to the Board of Adjustment and the Planning and Zoning Commission.

Mayor Olk announced that the City Council would be convening into Executive Session at 6:33 pm to conduct interviews of board applicants to the Board of Adjustment and Planning and Zoning Commission.

The City Council reconvened from Executive Session at 7:07 pm. and took action from the Executive Session as part of Agenda Item No. 4 under the Regular Agenda.

Regular Agenda

- 4. Consider appointments to the Board of Adjustment and Planning and Zoning Commission for two year terms beginning January 1, 2017 through December 31, 2019.
- **MOTION**: A motion was made by Mayor Olk, seconded by Councilmember Fisher to appoint Tommy Tolson as Alternate Member 2 to the Planning and Zoning Commission. The motion passed unanimously by a 7 to 0 vote.
- **MOTION:** A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Lawrence to appoint Brian Blythe as a Regular Member to the Board of Adjustment. The motion passed unanimously by a 7 to 0 vote.
- 5. Consider authorizing the City Manager to enter into a bank depository service contract for a three year period commencing on December 27, 2016 through December 27, 2019 with the option to renew for two additional one year extensions under the same terms and conditions.

Finance Director Liz Exum gave a presentation discussing proposals received, evaluation strategies, and staff ranking of each proposal. Ms. Exum stated that based on criteria, American National Bank was chosen for bank depository services for the City of Lucas.

- MOTION: A motion was made by Mayor Pro Tem Peele, seconded by Councilmember Baney to approve entering into a bank depository service contract with American National bank for a three year period commencing on December 27, 2016 through December 27, 2019 with the option to renew for two additional one year extensions under the same terms and conditions. The motion passed unanimously by a 7 to 0 vote.
- 6. Discuss and give direction to the City Manager regarding 1) proceeding with a professional services contract with Birkhoff, Hendricks & Carter, LLP in the amount of \$91,130 for the design of the W. Lucas Road/Stinson Road Intersection Project and 2) amend the FY 16-17 Budget Road Capacity Improvements account (21-8210-491-123) for funding of the Winningkoff Reverse Curve Construction Project.

Public Works Director/City Engineer Stanton Foerster gave a presentation discussing roadway funds needed for the Winningkoff reverse curve construction project and the W. Lucas Road/Stinson Road intersection project.

The City Council discussed the use of impact fees for roadway improvements, using funds from the General Fund and the use of Certificates of Obligation for other future projects.

City Attorney Joe Gorfida noted that impact fees could be used on roadway projects that would expand an existing roadway for the purpose of serving a new development.

MOTION: A motion was made by Mayor Olk, seconded by Councilmember Fisher to authorize the City Manager to proceed with a professional services contract with Birkhoff, Hendricks & Carter in an amount not to exceed \$91,000 for the design of the W. Lucas Road/Stinson Road intersection. The motion passed unanimously by a 7 to 0 vote.

MOTION: A motion was made by Mayor Olk, seconded by Councilmember Lawrence to amend the FY 16-17 budget Road Capacity Improvements account, 21-8210-491-123 to include funding of the Winningkoff reverse curve construction project in the amount of \$68,581. The motion passed unanimously by a 7 to 0 vote.

7. Consider setting the agenda for the Transportation Town Hall meeting set for January 26, 2017 and provide guidance to staff regarding transportation survey questions and methodology.

The City Council was in agreement that the Town Hall meeting focus on the Master Thoroughfare Plan and future growth of the City. The Council directed staff to prepare a presentation for the Town Hall meeting that outlines plans for Collin County expansions compared to the City's Master Thoroughfare Plan.

The Council asked that staff defer sending out any survey questions to citizens until after the Town Hall meeting.

8. Discuss and provide feedback to staff regarding the City's proposed Capital Improvement Plan (CIP).

Development Services Director Joe Hilbourn gave a presentation noting that the Thoroughfare Plan and the Land Use Map were the remaining items for update consideration.

Mayor Olk and Councilmember Millsap noted several changes and would forward those to staff for update and inclusion into the document.

This item was for discussion purposes only, no formal action was taken.

9. Discuss selecting an alternate date for the 2017 Founders Day event.

Development Services Director Joe Hilbourn gave a presentation suggesting moving the Founders Day event to the spring to allow for more time between special events, such as Country Christmas.

The Council directed staff to prepare alternative dates and bring options back to the City Council for further consideration.

Consent Agenda

- 10. Consider approval of the minutes of the November 17, 2016 City Council meeting.
- 11. Consider approval of the minutes of the December 1, 2016 City Council meeting.

- 12. Consider approving Resolution R 2016-12-00457 designating the Allen American as the official newspaper of the City of Lucas.
- 13. Consider adopting Ordinance 2016-12-00844 of the City Council of the City of Lucas, Collin County, Texas, increasing the maximum combined rates of the City's normal contributions and prior service contributions to the Texas Municipal Retirement System.
- 14. Consider approval of the City of Lucas Investment Report for quarter ending September 30, 2016.

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

	15.	Adjournment	t.
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MOTION:	A motion was made by Councilmember the meeting at 8:15 pm. The motion p	nber Millsap, seconded by Councilmember Lawrence to adjourn on passed unanimously by a 7 to 0 vote.	
APPROVED:		ATTEST:	
Jim Olk, Mayo	or	Stacy Henderson, City Secretary	-



City of Lucas City Council Agenda Request January 5, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Consider the request by James Roberts on behalf of Logan Ford Ranch Estates for preliminary plat approval of Phase 3, consisting of 17 lots totaling 58.644 acres, and located at the east dead end of East Winningkoff Road, part of the Thomas D. James Survey, Abstract Number 477.

Background Information:

The property is currently zoned R-2 and has 17 lots. The smallest lot being 2.0 acres and the largest lot being 8.254 acres. This development has a pending Planned Development rezoning in which deviations from the R-2 zoning requirements are being requested.

Attachments/Supporting Documentation:

- 1. Preliminary plat
- 2. Location map

Budget/Financial Impact:

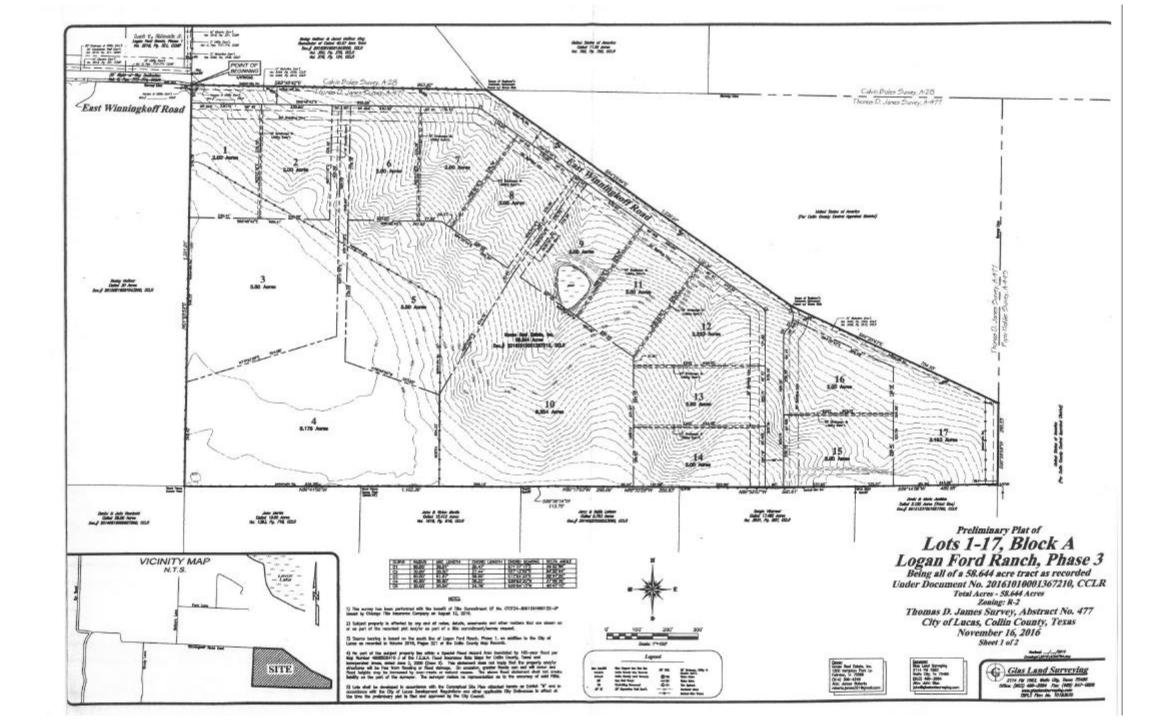
N/A

Recommendation from the Planning and Zoning Commission:

The Planning and Zoning Commission, by unanimous vote, recommended to approve the preliminary plat as presented.

Motion:

I make a motion to approve/deny the request by James Roberts on behalf of Logan Ford Ranch Estates for preliminary plat approval of Phase 3, consisting of 17 lots totaling 58.644 acres, and located at the east dead end of East Winningkoff Road, part of the Thomas D. James Survey, Abstract Number 477.



Logan Ford Ranch III



Item No. 06



City of Lucas City Council Agenda Request January 5, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Consider authorizing the City Manager to enter into an agreement with Nixle Solutions for mass communication services for a period of three years effective January 27, 2017, and appropriate funds from the unrestricted general fund in the amount of \$6,209.

Background Information:

The City has been reviewing systems for mass notification since emergency management began. Nixle Solutions offers a system that is user friendly and allows for easy notification sign up. Nixle Solutions can be used to send notices to groups of people that have signed up for the service, or groups of people in a geographic area. Notices can be for road closures, water main breaks, fires, or storm events, the options are not limited. This is not a budgeted item and funds would have to be appropriated. Allocating funds from unrestricted general reserve accounts include:

11-6300-447 Emergency Management Services 51-6400-309 Professional Services

Citizen Summary:

This product/service is a means for the City to communicate to the citizen's items of community interest, such as water main breaks, storms, emergency, and road closures. This can be done in two ways: 1) citizens can sign up by texting a predetermined number; 2) for direct emergencies with this plan, the City can notify every mobile phone in an area as small as two streets, or the entire City.

Attachments/Supporting Documentation:

1. Quote for services

Budget/Financial Impact:

 1^{st} year \$6,209 includes a onetime set up fee of \$500 2^{nd} year \$5,709 3^{rd} year \$5,709

Recommendation:

Approve as presented

Item No. 06



City of Lucas City Council Agenda Request January 5, 2017

Motion:

I make a motion to approve/deny authorizing the City Manager to enter into an agreement with Nixle Solutions for mass communication services for a period of three years effective January 27, 2017, and appropriate funds from the unrestricted general fund in the amount of \$6,209.





QUOTATION

Quote Number: 00027178 Confidential 1 of 2

Prepared Joseph Hilbourn for: City of Lucas

665 Country Club Rd Allen, TX 75002 9729121207

jhilbourn@lucastexas.us

Quotation Date: November 21, 2016

Quote Expiration Date: January 12, 2017

Rep: Jacquie Siegel

jacquie.siegel@everbridge.com

Contract Summary Information

Contract Period: 3 Years

Population Size up to: 10,000

ANNUAL SUBSCRIPTION				
Service	Fee Type	Qty	Unit Price	<u>Total Price</u>
Nixle 360	Recurring		\$1.00	\$5,709.00





QUOTATION

Quote Number: 00027178

Confidential
2 of 2

	Pricing Summary:
\$5,709.00	Year One Fees*:
\$500.00	One-time Implementation and Set Up Fees:
\$6,209.00	Total Year One Fees:
\$5,709.00	Subsequent Year(s) Ongoing Annual Recurring Fees:

- 1. Additional rates apply for all international calls.
- 2. This Quote and the Service(s) provided are subject to the Everbridge, Inc. –Nixle Solutions Core Platform Service Agreement ("Service Agreement"), current as of the date of Client's signature below. Please visit http://www.nixle.com/nixle-core-platform-agreement-v1-2-25-15/ to review the Service Agreement in its entirety. By signing this Quote you represent that you read, understand and agree to the terms of the Service Agreement, and are authorized on behalf of the Client to execute the Quote and bind Client to the Service Agreement.
- 3. Subject to sales taxes where applicable.

Supplemental Notes:

4. Except for currency designation, the supplemental notes below, if any, supplied in this Quote are for informational purposes and not intended to be legally binding or override the language of the Service Agreement.

(*Year One Fees are the total of the first year annual subscription fees and any one-time fees, i.e., Professional Services.)

Authorized by Everbridge:		To accept this quote, sign, date and return:		
Signature	Date	Authorized Signature	Date	
Print Name	Title	Print Name	Title	



City of Lucas City Council Agenda Request January 5, 2017

Requester: Development Services Director Joe Hilbourn

Agenda Item:

Discuss and provide feedback to staff regarding the City's proposed Capital Improvement Plan (CIP).

Background Information:

The City has been working on the Comprehensive Plan update for the last 18 months. The next item to consider for updates is the Capital Improvement Plan. The Capital Improvement Plan includes policies and procedures, streets and trails projects, and water system projects.

To date, staff has received a suggestion to include a summary report of the Streets and Trails Project Listing as part of the Capital Improvement Plan.

Citizen Summary:

The CIP consists of projects that contain street and trail projects and water system projects that need to be improved generally due to development. As more homes are built, traffic increases, requiring additional turn lanes, roadways, and additional lanes on existing roads. This also effects water mains, as more homes are built, water mains will need to be replaced with larger sizes, additional water mains added, and increased storage facilities and pumping facilities are needed.

Attachments/Supporting Documentation:

- 1. CIP Water, Street and Trail projects
- 2. Water system maps 2020, 2025, 2030
- 3. Thoroughfare plan maps
- 4. Wastewater Master Plan map

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA

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

CAPITAL IMPROVEMENT PLAN (CIP) 2016-2030 TABLE OF CONTENTS

Introduction	Page 3
Goals	Page 3
Development Process	Page 4
Capital Improvement Plan	Page 5
Project Criteria	Page 6
CIP Amendment	Page 6
Capital Needs Prioritization	Page 7
CIP Street and Trail Project List	Page 8
CIP Street and Trail Project At-A-Glance	Page 9
CIP Water System Project List	Page 4

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, 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.

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) an enhancement to 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 as defined in the wastewater plan, engineering costs and street and drainage construction.

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 Communities 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 area for commercial development that is 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 not only over time. Funding strategies to consider include:
 - a. Annual appropriations to capital reserve accounts to save for future projects.
 - b. Issuance of debt that is returned 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 plan 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 Capital Improvement Plan (CIP) as a part of the annual budget process. The City Manager will lead the review and prioritization of capital projects for City Council consideration. The Finance Director, City Engineer, Development Services Director and the City Manager shall prioritize and rank projects according to the criteria listed in 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. Identify capital improvements and major maintenance projects through system models, repair and maintenance records and growth demands.
- 2. Prioritize CIP projects based on input from City staff from all operational areas related to each project and its effect on operations.
- 3. Solicit citizen participation in formulating the identification and prioritization of the CIP.

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. Where applicable and appropriate, impact fees, assessments, prorata charges or other fees should 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 Lucas City Council.

Project Criteria

The evaluation of proposed capital projects will be in accordance with the following criteria. Attachment A provides criteria scorecard used in evaluation process.

- 1. Public Welfare and Safety Project improving the public welfare and safety 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. 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.
- 3. Quality of Life Projects enhancing the quality of life enjoyed by Lucas citizens, such as equestrian/hiking trails throughout the city, will receive a high priority.
- 4. Funding Funding availability considerations are included when ranking projects. Grants and funding partnerships are considered first followed by operating revenues, fund balance, and debt. Fund balance may only be used to fund capital projects if the use of reserves will delay or eliminate a proposed bond issue and sufficient fund balance exists to provide necessary contingency reserves. Debt may be issued to fund non-continuous capital projects benefitting future citizens only after alternative funding sources are explored.
- 5. Service and Operational Impact The service category prioritizes projects including promotion of improved service delivery or reduction of increase maintenance costs including rehabilitating aging infrastructure. A cost-benefit analysis shall be done to weigh the impact of project rehabilitation to determine if the project will reduce future ongoing maintenance costs. Performance data will also be analyzed when considering projects related to improved service delivery. Future operation and maintenance expenses will be considered as part of this analysis.

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 welfare and safety, desirable economic development, and funding availability.

It needs to be recognized that 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; to be used as a tool to help establish a course of action. The highest need capital improvement projects recommended

during the next five years focus on correcting and improving the existing infrastructure. The remaining capital improvements, including those which will be accomplished after the initial five-year plan, are presented in the applicable sections of this document.

Capital Needs 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 of Lucas:

- **Mandatory** or essential projects are activities needed to promote public welfare and safety. Projects classified under this category are projects of the highest priority.
- Necessary capital improvements are projects which are necessary 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 endanger life or negatively
 impact public welfare.
- **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 absolutely necessary and may be delayed, or removed from the capital improvements program, as funding changes. Conversely, these types of projects can be brought forth when budget surpluses or additional funding sources are identified.
- **Deferrable** projects are capital improvements of the lowest priority. These projects can be postponed or eliminated from the capital improvements program because of cost, timing, or need.

A summary of the City's infrastructure needs is contained in each element of the Comprehensive Plan. The capital needs outlined here represent only those improvements which should be accomplished within a specific period of the CIP.

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	1	Mandatory	Blondy Jhune Bridges Replacement	\$1,559,782	Certificate of Obligation
2016- 2017	2	Necessary	Snider Lane Overlay	To Be Determined	To Be Determined
2017	3 Necessary		Maintenance of Multiple Streets	\$525,000	City - General Fund
	4	Mandatory	Reverse Curve on Winningkoff Road	To Be Determined	Certificate of Obligation
FY 2017-	5	Necessary	W. Lucas Road Reconstruction	\$4,500,000	Texas Department of Transportation (TxDOT), Regional Toll Revenue (RTR), City of Lucas and Collin County
2018	6	Desirable	Trailhead on E. Winningkoff Road	\$240,000	\$131,000 City and \$109,000 Collin County Park Board Grant
	7	Necessary	Maintenance of Multiple Streets	\$750,000	City - General Fund
	8	Necessary	Blondy Jhune Road Reconstruction	\$3,900,000	To Be Determined
	9	Necessary	Estates Parkway (FM 2170)	\$450,000	City of Lucas
FY 2018-	10	Necessary	Angel Parkway (FM 2551)	To Be Determined	Texas Department of Transportation (TxDOT)
2019	11 A	D : 11	A) Trail at Parker Road	# 00.000	\$ 16,000 City and \$
	Desirable 11 B	B) Trail at E. Winningkoff Road	\$80,000	64,000 Texas Parks Wild Life Department	
	12	Necessary	Maintenance of Multiple Streets	\$750,000	City - General Fund
FY 2019- 2020	13	Necessary	Winningkoff Road (North Portion)	\$2,500,000	General Obligation Bond or Certificate of Obligation

YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	SOURCE OF FUNDING
	14	Necessary	Maintenance of Multiple Streets	\$750,000	City - General Fund
FY 2020-	15	Necessary	Winningkoff Rd (South Portion)	\$2,000,000	General Obligation Bond or Certificate of Obligation
2021	16	Necessary	Maintenance of Multiple Streets	\$750,000	City - General Fund
	17	Necessary	Stinson Road Rehabilitation	To Be Determined	General Obligation Bond or Certificate of Obligation and/or Developer Contributions
	18	Necessary	Snider Lane Rehabilitation	To Be Determined	General Obligation Bond or Certificate of Obligation
	19	Necessary	Lewis Lane Rehabilitation	To Be Determined	General Obligation Bond or Certificate of Obligation
	20	Necessary	Extension to North of Allison Lane	\$3,000,000	General Obligation Bond or Certificate of Obligation and/or Developer Contributions
2021- 2026	21	Necessary	Adding Right Turn Lane to Estates Parkway (FM 2170)	\$250,000	Texas Department of Transportation (TxDOT)
2020	22	Necessary	Adding Center Lane on W. Lucas Road	To Be Determined	Texas Department of Transportation (TxDOT)
	23	Necessary	Intersection of W. Lucas Road and Southview Drive	\$1,500,000	Texas Department of Transportation (TxDOT)
	24 A		A) Trail along Estates Parkway		
	24 B		B) Trail along Allison Ln		
	24 C	Desirable	C) Trail along W. Lucas Road	\$40,000	City and Possible State's Grants
	24 D		D) Trail along Stinson Road		
	24 E		E) Trail along Powerline and Flood Plain		
	25 A	Desirable	A) Trail along Blondy Jhune Road	\$200,000	City and Possible State Grants

YEAR	PROJECT NO.	PRIORITY	PROJECT	ESTIMATED COST	SOURCE OF FUNDING
	25 B		B) Trail from Winningkoff Road to Trinity Trail	3001	TOTABILIA
	26	Desirable	Trail Head near the intersection of Southview Drive and Osage Lane	\$264,000	City and Possible Collin County Grants
	27	Necessary	Maintenance of Multiple Streets (5 years @ \$787,500/year)	\$3,937,500	City - General Fund
2026- 2031	28	Necessary	Extension of Highland Drive	\$2,000,000	General Obligation Bond or Certificate of Obligation and/or Developer Contributions
	29	Necessary	Maintenance of Multiple Streets (5 years @ \$826,875/year)	\$4,134,375	City - General Fund

	BLO	ONDY JH	UNE BRIDGE REPLACEMENT		
PROJECT	SUMMARY				
Fiscal Year	Project No.	Category	Project	Priority	
2016-2021	1	Bridges	Blondy Jhune Bridges Replacement	Mandatory	
FISCAL OV	ERVIEW	l			
Estimated C	ost		Source of Funding		
\$ 1,559,782	(Bid June, 201	16)	Certificate of Obligation		
PROJECT	DESCRIPT	ION			
east. This co severely dete	onnectivity is eriorated and	comprised oneed to be	ountry Club Road on the west to Winningko of two bridges and roadways. The two bridg replaced immediately. The pavement shall of t is currently under construction.	es have	
PROJECT	SCHEDUL	Æ			
Project Begi	n Year]	Project Completion Year		
2016	•		2017		

	S	NIDER LANE (OVERLAY	
PROJECT SUM	IMARY			
Fiscal Year	Project No.	Category	Project	Priority
2016-2021	2	Roadways	Snider Lane Overlay	Necessary
FISCAL OVER' Estimated Cost	VIEW	Source of Fur	odina	
To be determined To Be Determined				
PROJECT DES	CRIPTION	-		
northeast, and I overlaid. The exthe base. A 2 to	ucas Road in the saisting pavement w	outheast. The par fill be scarified an ement overlay is a	vest and connects to Highlar vement has deteriorated and d cement treatment will be a nticipated. The project lengt	needs to be added to stiffen
PROJECT SCI	HEDULE			
Project Begin Yo	ear	Pro	oject Completion Year	

2017

2016

	M	AINTENANC	E OF MULTIPLE STREETS	
PROJECT S Fiscal Year	UMMARY Project No.	Category	Project	Priority
2016-2021	3	Roadways	Maintenance of Multiple Streets	Necessary
FISCAL OV	ERVIEW			
Estimated Co	st	Source of Fun	ding	
\$525,000		City – Genera	l Fund	

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations selected for the 2016 fiscal year are Ingram Ln, Snider Ln, Stinson Road, Estelle Ln, Moonlight Trail and Lynn Ln.

PROJECT SCHEDULE

2016 2017	

	REV	ERSE CURV	E ON WINNINGKOFF ROAD		
PROJECT S	UMMARY				
Fiscal Year	Project No.	Category	Project	Priority	
2016-2021	4	Roadways	Reverse curve on Winningkoff Road	Mandatory	
FISCAL OV					
Estimated Co		Source of Funding			
To be determ	ined	Certificate of	ertificate of Obligation		
PROJECT I	DESCRIPTION	N			
Winningkoff and poor road placement of	Road reverse cu l geometry. Rec an improved pa g pavement stru	erve will be recommon construction work evement structure	nstructed as the pavement has deteriorated it includes replacement of entire pavement re. Generally, requires complete removal and ext length is approximately 0.5 miles and pa	structure by the	
Winningkoff and poor road placement of of the existing will be 28 ft. v	Road reverse cu d geometry. Rec an improved pa g pavement stru wide. SCHEDULE	rve will be reconstruction work wement structure cture. The proje	ck includes replacement of entire pavement re. Generally, requires complete removal an ect length is approximately 0.5 miles and pa	structure by the	
Winningkoff and poor road placement of of the existing will be 28 ft. v	Road reverse cu d geometry. Rec an improved pa g pavement stru wide. SCHEDULE	rve will be reconstruction work wement structure cture. The proje	k includes replacement of entire pavement e. Generally, requires complete removal an	structure by the	

		W. LUCAS RC				
		W. LUCAS ROAD RECONSTRUCTION				
PROJECT SI Fiscal Year		Catalana	D:	D.:::		
	Project No.	Category	Project	Priority		
2016-2021	5	Roadways	W. Lucas Road Reconstruction	Necessary		
FISCAL OVI	ERVIEW					
Estimated Cos	st	Source of Fun	nding			
\$4,500,000		Texas Departs	ment of Transportation (TxDOT), Regio	onal Toll Revenue		
		(RTR), City of	f Lucas and Collin County			
	ESCRIPTION					
			to Country Club Road will be reconstru			
			several other factors. Reconstruction wo			
			the placement of an improved pavemen			
			placement of the existing pavement structure	cture. The project		
length is appro	oximately 2.5 m	iles.				
	SCHEDULE	1				
Project Begin Year Project Completion Year						
2017		_	2018	_		
PROJECT I	MANAGER:					

			N E. WINNINGKOFF ROAD		
PROJECT S	UMMARY				
Fiscal Year	Project No.	Category	Project	Priority	
2016-2021	6	Trails	Trailhead on E. Winningkoff Road	Desirable	
FISCAL OV Estimated Co		Source of Fun	ding		
\$240,000	181		- \$109,000 Collin County Parks and Open Space Grant		
	DESCRIPTION		11 : .1: 6 1 7 71 1	.1 1:	
			nstructed during this fiscal year. Trailhead ulletin board or kiosk for trail information	, ,	
	SCHEDULE		2011 2011 02 11001 201 2111 1110 11111011	·	
INOIDCI	Project Begin Year Project Completion Year				
	1 Cai	2017 2018			

MAINTENANCE OF MULTIPLE STREETS						
PROJECT SUMMARY						
Fiscal Year	Project No.	Category	Project	Priority		
2016-2021	7	Roadways	Maintenance of Multiple Streets	Necessary		
FISCAL OV	FISCAL OVERVIEW					
Estimated Co	Estimated Cost Source of Funding					
\$750,000	\$750,000 City – General Fund					

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations for road maintenance during 2017 fiscal year are yet to be decided.

PROJECT SCHEDULE

Project Begin Year Pro	roject Completion Year
2017 20	2018

BLONDY JHUNE ROAD RECONSTRUCTION						
PROJECT SI	U MMARY					
Fiscal Year	Project No.	Category	Project	Priority		
2016-2021	8	Roadways	Blondy Jhune Road Reconstruction	Necessary		
FISCAL OVI	FISCAL OVERVIEW					
Estimated Cos	Estimated Cost Source of Funding					
\$3,900,000	\$3,900,000 To be determined					

Blondy Jhune Road extending from Country Club Road on the west to Winningkoff Road on the east, will be reconstructed as the pavement has deteriorated due to aging and several other factors. The two bridges interlinking roadway sections have been constructed during the previous project.

Reconstruction work includes replacement of entire pavement structure by the placement of an improved pavement structure. Generally, requires complete removal and replacement of the existing pavement structure. New culvert crossings and driveways are included. The project length is 1.5 miles and pavement width will be 28 ft. wide.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

ESTATES PARKWAY (FM 2170)						
PROJECT S	UMMARY					
Fiscal Year	Project No.	Category	Project	Priority		
2016-2021	9	Roadways	Estates Parkway (FM 2170)	Necessary		
Estimated Co		Source of Fun	nding			
\$450,000		City of Lucas				
PROJECT I	PROJECT DESCRIPTION					
Estates Parkway (FM 2170) extends from Angel Parkway on the west to Country Club Road on the east. The aim of this project is to widen the pavement of FM 2170 including the improvement of drainage, signage and pavement markings. The pavement has deteriorated and will be overlaid during the 2018 fiscal year. The existing pavement will be scarified and cement treatment will be added to						

PROJECT SCHEDULE

miles and the pavement width will be 36 ft.

TROJECT COTTED CEE	
Project Begin Year	Project Completion Year
2018	2019

stiffen the base. A 2-inch asphalt pavement will be overlaid. The project length is approximately 0.5

ANGEL PARKWAY (FM 2551)					
PROJECT S	UMMARY				
Fiscal Year	Project No.	Category	Project	Priority	
2016-2021	10	Roadways	Angel Parkway (FM 2551)	Necessary	
FISCAL OV	ERVIEW	_			
Estimated Co	st	Source of Fun	nding		
To be determ	ined	Texas Departs	ment of Transportation (TxDOT)		
PROJECT DESCRIPTION					
Angel Parkway (FM 2551), extending from W Lucas Road in the south to Estates Parkway in the north,					

will be reconstructed during the 2018 fiscal year. The pavement has deteriorated and needs to be reconstructed. Addition of two more lanes will be done. Two lanes in each direction with wide median at center and enclosed drainage system will be the outcome of the project. Work includes replacement of entire asphalt pavement structure with reinforced concrete pavement. The project length is 1 mile

and total pavement width will be approximately 78 ft.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

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	Desirable
			B) Trail at E.Winningkoff Road	

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

MAINTENANCE OF MULTIPLE STREETS				
PROJECT S Fiscal Year	Project No.	Category	Project	Priority
2016-2021	12	Roadways	Maintenance of Multiple Streets	Necessary
FISCAL OVERVIEW				
Estimated Cost Source of Funding				
\$750,000	750,000 City – General Fund			

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations for road maintenance during 2018 fiscal year are yet to be decided.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2018	2019

WINNINGKOFF ROAD (NORTH PORTION)				
PROJECT SU	J MMARY			
Fiscal Year	Project No.	Category	Project	Priority
2016-2021	13	Roadways	Winningkoff Road (North Portion)	Necessary
FISCAL OVERVIEW				
Estimated Cost Source of Funding				
\$2,500,000		General Obligation Bond or Certificate of Obligation		

North portion of Winningkoff Road, which extends from Orr Road in the north to until the beginning of reverse curve of Winningkoff Road in the south, will be reconstructed during fiscal year 2019 as the pavement has deteriorated due to aging and several other factors. Reconstruction work includes replacement of entire pavement structure by the placement of an improved pavement structure. Generally, requires complete removal and replacement of the existing pavement structure. The project length is approximately 1 mile. Pavement width shall be 28 ft. wide and drainage improvements are anticipated.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

MAINTENANCE OF MULTIPLE STREETS				
PROJECT S				
Fiscal Year	Project No.	Category	Project	Priority
2016-2021	14	Roadways	Maintenance of Multiple Streets	Necessary
FISCAL OVERVIEW				
Estimated Co	Estimated Cost Source of Funding			
\$750,000	-	City – General Fund		

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations for road maintenance during 2019 fiscal year are yet to be decided.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2019	2020

	WINNINGKOFF ROAD (SOUTH PORTION)			
PROJECT S	UMMARY			
Fiscal Year	Project No.	Category	Project	Priority
2016-2021	15	Roadways	Winningkoff Road (South Portion)	Necessary
FISCAL OV	ERVIEW			
Estimated Co	Estimated Cost Source of Funding			
\$2,000,000	\$2,000,000 General Obligation Bond or Certificate of Obligation			on
PROJECT DESCRIPTION				
South portion of Winningkoff Road, which extends from E Lucas Road in the south to until the				
beginning of reverse curve of Winningkoff Road in the north, will be reconstructed during 2020 fiscal				
year as the pavement has deteriorated due to aging and several other factors. Reconstruction work				
includes replacement of entire pavement structure by the placement of an improved pavement				
structure. Generally, requires complete removal and replacement of the existing pavement structure.				
The project length is approximately 0.6 miles and pavement width shall be 28 ft. wide.				

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2020	2021

MAINTENANCE OF MULTIPLE STREETS				
PROJECT SUMMARY Fiscal Year Project No. Category Project Priority				
2016-2021	16	Roadways	Maintenance of Multiple Streets	Necessary
FISCAL OVERVIEW Estimated Cost Source of Funding				
\$750,000 City – General Fund				

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations for road maintenance during 2020 fiscal year are yet to be decided.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2020	2021

			0.10.55771577		
STINSON ROAD REHABILITATION					
PROJECT S	IIMMARV				
Fiscal Year	Project No.	Category	Project	Priority	
2021-2026	17	Roadways	Stinson Road Rehabilitation	Necessary	
FISCAL OV	ERVIEW				
Estimated Co	est	Source of Funding			
To be determ	ined	General Obligation Bond, Certificate of Obligation and/or			
		Developer Contributions			
PROJECT I	DESCRIPTIO	N			
Stinson Road	extends from V	V Lucas Road in	n the North to Parker Road in the sout	th. The pavement has	
			rehabilitated during the 2021-2026 fisc		
			d extends the service life of an existing		
			tments and/or structural overlays. The	e project length is	
approximately	y 2.5 miles and j	pavement width	shall be 28 ft.	_	
PROJECT	SCHEDULE	ı 1			
Project Begin Year			Project Completion Year		
2021-2022			2022-2023	2022-2023	
			<u>.</u>		
PROJECT	MANAGER:				

SNIDER LANE REHABILITATION					
PROJECT SUMMARY					
Fiscal Year	Project No.	Category	Project	Priority	
2021-2026	18	Roadways	Snider Lane Rehabilitation	Necessary	
FISCAL OVERVIEW					
Estimated Cost		Source of Funding			
To be determined		General Obligation Bond or Certificate of Obligation			

Snider Ln extends from Winningkoff Road in the west and connects to Highland Park in the northeast and Lucas Road in the southeast. The pavement has lost its structural integrity and thus it will be rehabilitated during the 2021-2026 fiscal year. Pavement rehabilitation enhances structural capacity and extends the service life of an existing pavement. The process includes resurfacing, restoration treatments and/or structural overlays. The project length is 2.5 miles and the pavement width shall be 28ft wide.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2021-2022	2022-2023

LEWIS LANE REHABILITATION						
PROJECT SUMMARY						
Fiscal Year	Project No.	Category	Project	Priority		
2021-2026	19	Roadways	Lewis Lane Rehabilitation	Necessary		
FISCAL OVE						
Estimated Cost		Source of Funding				
To be determined		General Obligation Bond or Certificate of Obligation				
PROJECT D	ESCRIPTIO	N				
has lost its str Pavement reh pavement. Th	ructural integrabilitation enl ne process inc	ity and thus it whences structure ludes resurfacir	the north to Parker Road in the so will be rehabilitated during the 20 ral capacity and extends the servicing, restoration treatments and/or miles and the pavement width sha	221-2026 fiscal year. ce life of an existing structural overlays.		

2024

EXTENSION TO NORTH OF ALLISON LANE							
PROJECT SUMMARY							
Fiscal Year	Project No.	Category	Project	Priority			
2021-2026	20	Roadways	Extension to North of Allison Lane	Necessary			
FISCAL OVI	FISCAL OVERVIEW						
Estimated Cos	st	Source of Funding					
\$3,000,000		General Obligation Bond, Certificate of Obligation and/or					
Development Contributions							
PROJECT D	ESCRIPTION	N					
Allison Ln currently extends 0.2 miles towards south from McGarity Ln in the north. The aim of this project is to construct and extend Allison Ln that connects to Estates Parkway (FM 2170) in the north and W Lucas Road in the south. The project length is 1 mile and the pavement width shall be 28 ft. The existing 0.2 miles of pavement and the rest of the 0.8 miles shall be constructed with new pavement.							
PROJECT SCHEDULE							
Project Begin Year		Project Completion Year	Project Completion Year				
2022-2023			2023-2024	2023-2024			
PROJECT MANAGER:							

4	ADDING RIG	HT TURN LA	ANE TO ESTATES PARKWAY (FM 2	170)
PROJECT S	SUMMARY			
Fiscal Year	Project No.	Category	Project	Priority
2021-2026	21	Roadways	Adding Right Turn Lane to Estates Parkway (FM 2170)	Necessary
FISCAL OV	ERVIEW			
Estimated Co	ost	Source of Fun	nding	
\$250,000		Texas Department of Transportation (TxDOT)		
	DESCRIPTIO			
Country Club Estates Parky Currently, Es traffic in a sin turn lane at th	Road, which is vay for the sout tates Parkway h igle lane is causi	north-south. The abound traffic the as one lane in earng impedance for	Estates Parkway (FM 2170), which is east- he aim of this project is to provide a right hat connects Estates Parkway to Country (ach direction and queuing of both right and or the traffic flow. After construction of the hbound traffic of Estates Parkway and im-	turn lane at Club Road. d left turning nis project, a right
	SCHEDULE			
Project Begin	Year		Project Completion Year	
2023-2024		2024-2025		

	400	INIC OFFITTE	DIANE ON WILLOAD DO AD		
	ADD	ING CENTE	R LANE ON W. LUCAS ROAD		
PROJECT S	UMMARY				
Fiscal Year	Project No.	Category	Project	Priority	
2021-2026	22	Roadways	Adding Center Lane on W. Lucas Road	Necessary	
FISCAL OV	ERVIEW				
Estimated Co	st	Source of Fun	nding		
To be determ	To be determined		Texas Department of Transportation (TxDOT)		
PROJECT I	DESCRIPTION	N			
intersection o Road. Curren	f Southview Dr tly, W Lucas Ro	ive to the west. and consists of 1	t extends from Country Club Road in the The aim of this project is to add a center 12ft. lane in each direction. A 14 ft. cont f pavement will be approximately 42 ft.	lane to W Lucas	
PROJECT	SCHEDULE				
Project Begin	Year		Project Completion Year		
2023-2024			2024-2025		
PROJECT	MANAGER:				

	NTERSECTI	ON OF W. LU	JCAS ROAD AND SOUTHVIEW DR	IVE
PROJECT S				T
Fiscal Year	Project No.	Category	Project	Priority
2021-2026	23	Roadways	Intersection of W. Lucas Road and Southview Drive	Necessary
FISCAL OV	ERVIEW			
Estimated Co	st	Source of Fun	ding	
\$1,500,000		Texas Department of Transportation (TxDOT)		
The project lo section at the Realignment	intersection will of W Lucas Roa	intersection of V l be reconstructed d and reconfigu	W Lucas Road and Southview Drive. The ed or repaired and pavement markings wil tration of the intersection is desirable. Wid	l be redone.
pavement to	facilitate turning	movements is a	also anticipated.	
	SCHEDULE	1		
PROJECT Project Begin			Project Completion Year	

- 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	24	Trails	A) Trail along Estates Parkway	Desirable
			B) Trail along Allison Lane	
			C) Trail along W. Lucas Road	
			D) Trail along Stinson Road	
			E) Trail along Powerline and	
			Floodplain	

FISCAL OVERVIEW

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

PROJECT DESCRIPTION

Trail will be constructed at multiple locations of the Lucas. The routes planned for the trail from Estates Parkway to Country Club Road, trail along the W Lucas Road, from W Lucas Road along Allison Ln 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 etc.

PROJECT SCHEDULE

Project Begin Year	Project Completion Year
2025	2026

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	25	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

	TI	RAILHEAD N	NEAR THE INTERSECTION	
	OF	SOUTHVIE	W DRIVE AND OSAGE LANE	
PROJECT S	UMMARY			
Fiscal Year	Project No.	Category	Project	Priority
2021-2026	26	Trails	Trailhead near the intersection of Southview Drive and Osage Lane	Desirable
FISCAL OV		Source of En	a dina	
	ost	Source of Funding		
\$264,000		City and Collin County Grants		
PROJECT I	DESCRIPTIO	N		
Trailhead ne	ar the intersec	tion of South	view Drive and Osage Lane will be con	structed during
			g for a number of vehicles and will con	_
	sk for trail info		0	
PROJECT	SCHEDULE	1		
Project Begin	Year		Project Completion Year	
2025			2026	
			'	
PROJECT	MANAGER:			

MAINTENANCE OF MULTIPLE STREETS				
PROJECT S	SUMMARY			
Fiscal Year	Project No.	Category	Project	Priority
2021-2026	27	Roadways	Maintenance of Multiple Streets	Necessary
			•	•
FISCAL OV	ERVIEW			
Estimated Co	ost	Source of Fun	nding	
\$787,500 (per year)		City – General Fund		
		•		
PROJECT I	DESCRIPTIO	N		
Each year, re	oads require pr	oper maintena	ance in order to provide reliable trans	port at reduced
cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular				

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations for road maintenance during 2021-2026 fiscal year are yet to be decided.

PROJECT SCHEDULE

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

PROJECT SU		EATENSION	OF HIGHLAND DRIVE		
	Project No.				
Fiscal Year	110ject 140.	Category	Project	Priority	
2026-2031	28	Roadways	Extension of Highland Drive	Necessary	
FISCAL OVE		T			
Estimated Cost		Source of Fun	ding		
\$2,000,000		General Obligation Bonds, Certificate of Obligation and/or			
		Developer Contributions			
		1			
PROJECT DE					
Highland Driv	re currently e	xtends from G	Green Acres Ln in the west to Stinso	on Road in the east.	
The project air	ms to extend	Highland Driv	ve in the east by 0.5 miles. The new	pavement's length	
is approximate	ely 0.5 miles a	and the pavem	ent width will be 28 ft.		
PROJECT SCHEDULE					
Project Begin Year			Project Completion Year		
2026-2027			2027-2028		
PROJECT M	ANAGER:				

MAINTENANCE OF MULTIPLE ROADWAYS						
PROJECT SUMMARY						
Fiscal Year	Project No.	Category	Project	Priority		
2026-2031	29	Roadways	Maintenance of Multiple Roadways	Necessary		
FISCAL OV	ERVIEW					
Estimated Cost		Source of Funding				
\$826,875 (per year)		City – General Fund				

PROJECT DESCRIPTION

Each year, roads require proper maintenance in order to provide reliable transport at reduced cost. Improper maintenance of roads may open doors to safety hazards, increased vehicular operation costs and recurring road maintenance costs. Hence, road maintenance work will be carried out each year on the streets determined by analyzing condition of each road and prioritization done based on the severity of condition. Generally, maintenance work includes patching, resurfacing, overlaying, resealing, verge cutting and culvert cleaning etc. The project locations for road maintenance during 2026-2031 fiscal year are yet to be decided.

PROJECT SCHEDULE

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

CIP Water System Project List (2016 - 2030)

CIP Water System Project List 2016 – 2020

2016 to 2020				
PRIORITY	TY PROJECT			
1	Parker Rd 12-Inch Phase 1-1 (Stinson Rd/Enchanted Way) (TxDOT)	\$	292,037	
2	Parker Rd 8-Inch Phase 2-1 (Shepherds Creek Drive/Lewis Ln/Cimarron Trail) (TxDOT)	\$	326,004	
3	Wiltshire Ct to N Pump Station 8-Inch Connection	\$	98,237	
4	500,000 Gallon N Pump or City Hall Water Tower	\$	1,496,880	
4a	E Winningkoff Water Tower Altitude Value (\$97,708) This will be needed if the new water tower at N Pump or City Hall is not built			
5	Restore N Pump Station	\$	153,821	
6	Parker Rd 4-Inch Temporary Phase 2T (Santa Fe Trail/Stinson Rd) (TxDOT)	\$	125,000	
7	New N Pump Station With Three 500 GPM Pumps	\$	432,575	
8	Lakeview Drive 8-Inch	\$	87,682	
9	Edgefield Ln/Cedar Bend Trail 6-Inch (Dead End Fixes)	\$	510,647	
10	Graham Ln/Rock Ridge Court 6-Inch and 8-Inch (Dead End Fixes)	\$	571,775	
11	Snider Ln 8-Inch (Lakeview Downs)	\$	594,549	
12	Glencove Cir/Crestview Cir 6-Inch Extensions to Brockdale Park 8-Inch (Dead End Fixes)	\$	224,255	
13	Hickory Hill St 8-Inch (Dead End Fixes)	\$	226,383	
14	Manor Ln 8-Inch	\$	313,951	
15	Estates Parkway/Rock Ridge Rd 8-Inch and 12-Inch	\$	491,953	
16	Repaint 200,000 Gallon McGarity Ground Storage Tank	\$	150,150	
17	Enchanted Way/Brookhaven Drive 8-Inch (Dead End Fix)	\$	203,262	
18	Rock Ridge Rd/Lovejoy High School 8-Inch	\$	56,773	
	\$	6,355,934		

CIP Water System Project List 2021 – 2025

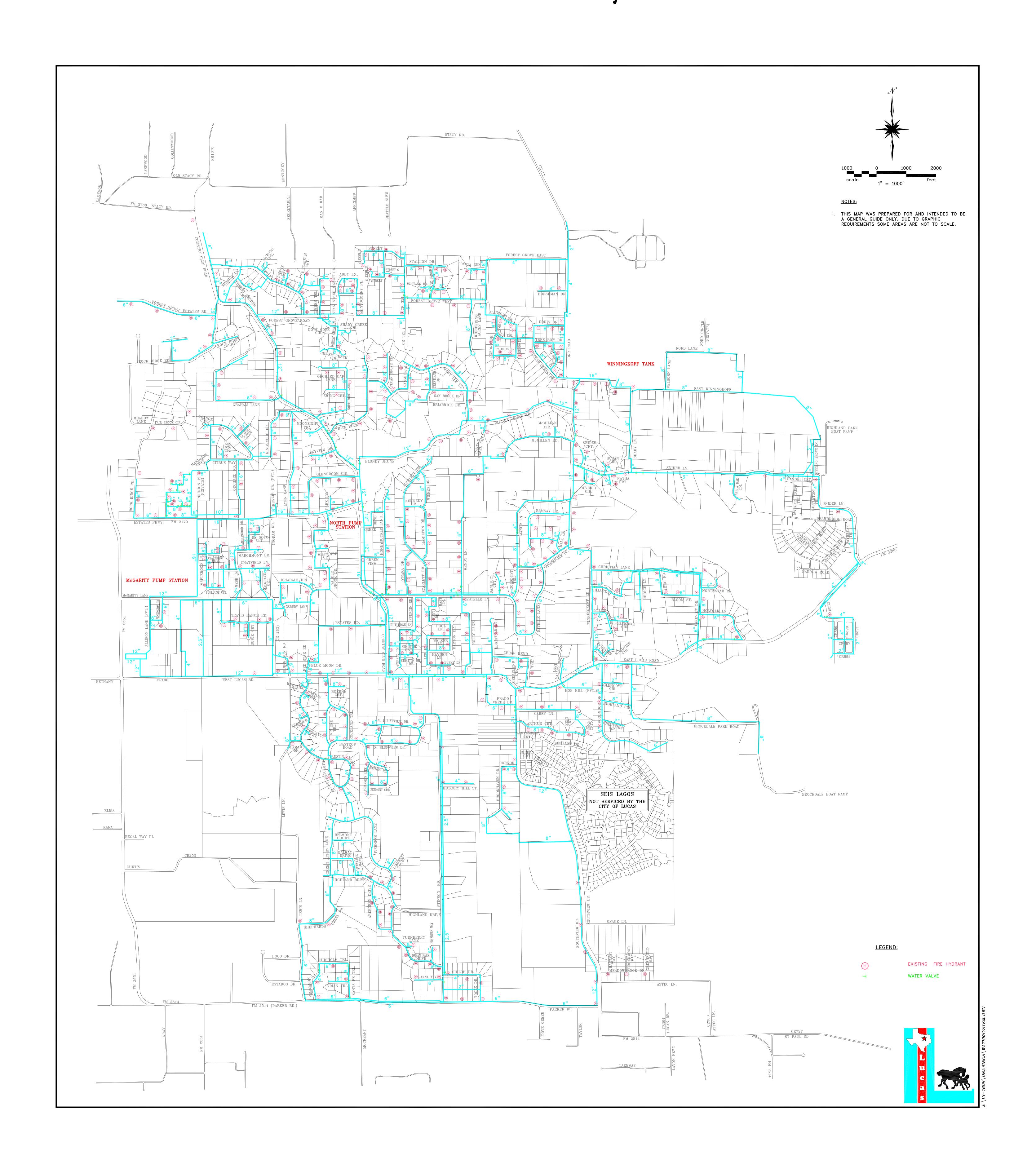
	2021 to 2025		
PRIORITY	RIORITY PROJECT		
19	950,000 Gallon McGarity Ground Storage Tank	\$	1,279,093
20	Shiloh Drive/Toole Drive 6-Inch Replacement and Braehurn 8-Inch (Dead End Fix)	\$	190,546
21	Parker Rd 8-Inch Phase 2-2 (Cimarron Trail/Santa Fe Trail) (TxDOT) This project might need to done in 2017 depending on TxDOT Parker Rd Schedule	\$	353,184
22	Fairbrook Cr 8-Inch (Dead End Fix)	\$	256,453
23	Lewis Ln/Shepherds Creek Drive/Green Acres Ln 8-Inch	\$	300,113
24	Angel Parkway/McGarity Ln/Estates Parkway 8-Inch and 12-Inch	\$	425,539
25	Ingram Ln/McGarity Ln/W Lucas Rd 6-Inch and 12-Inch	\$	836,217
26	Estates Rd 8-Inch	\$	232,014
27	Chisholm Trail/Caman Park Drive and Turnberry Ln/Highland Drive 8-Inch (Dead End Fixes)	\$	322,203
28	Stinson Rd/Enchanted Way 8-Inch	\$	142,278
29	Stinson Rd/E Lucas Rd 8-Inch	\$	147,827
30	Rock Creek Estates 6-Inch	\$	175,610
31	Stinson Rd 12-Inch Connector	\$	39,189
32	Repaint 750,000 Gallon N Pump Station Ground Storage Tank	\$	409,303
33	Repaint 350,000 Gallon McGarity Ground Storage Tank	\$	228,690
36	Parker Rd Phase 3 Enchanted Way to Southview Drive	\$	835,239
	2021 to 2025 Total	\$	6,173,498

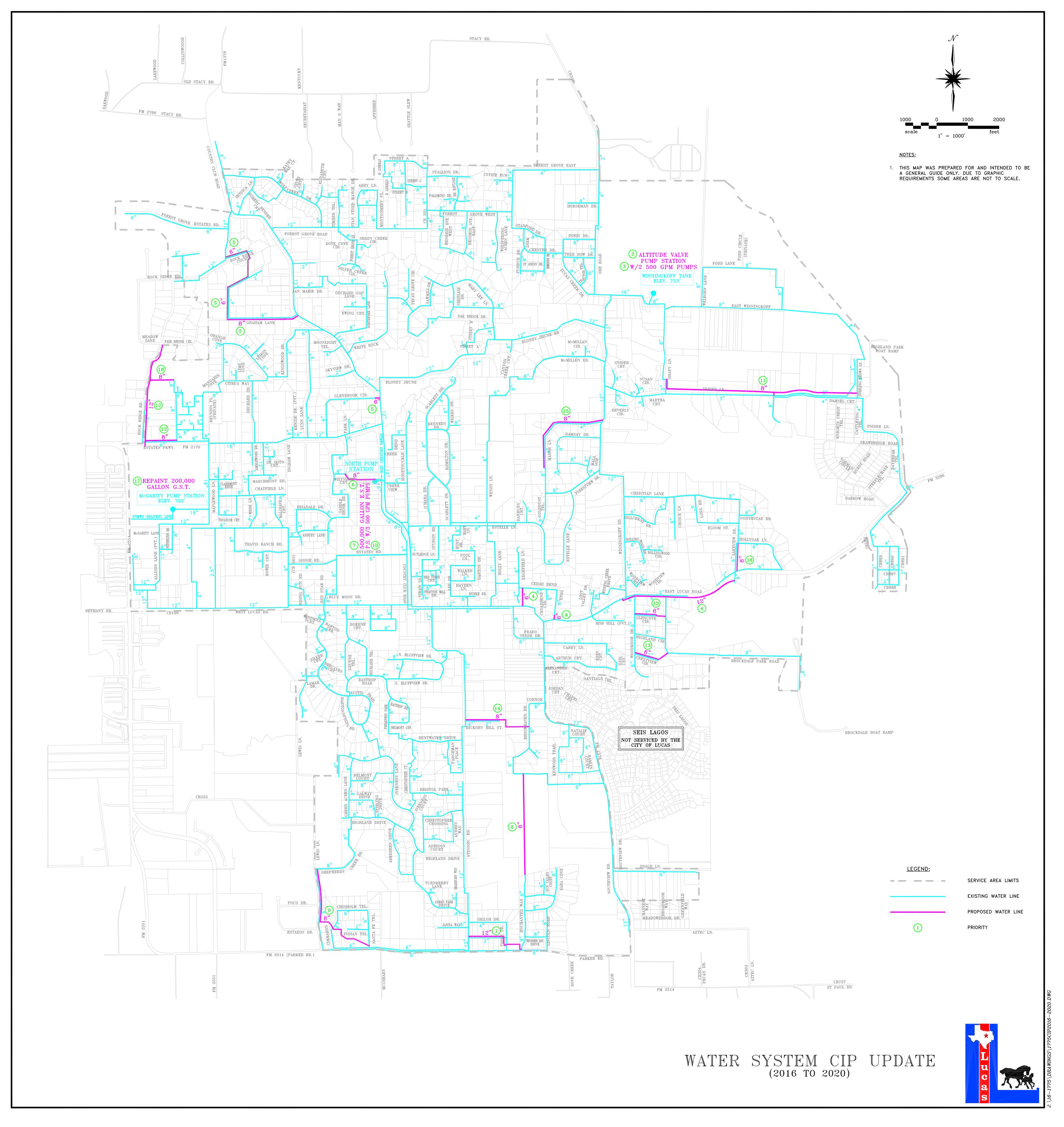
CIP Water System Project List 2026 – 2030

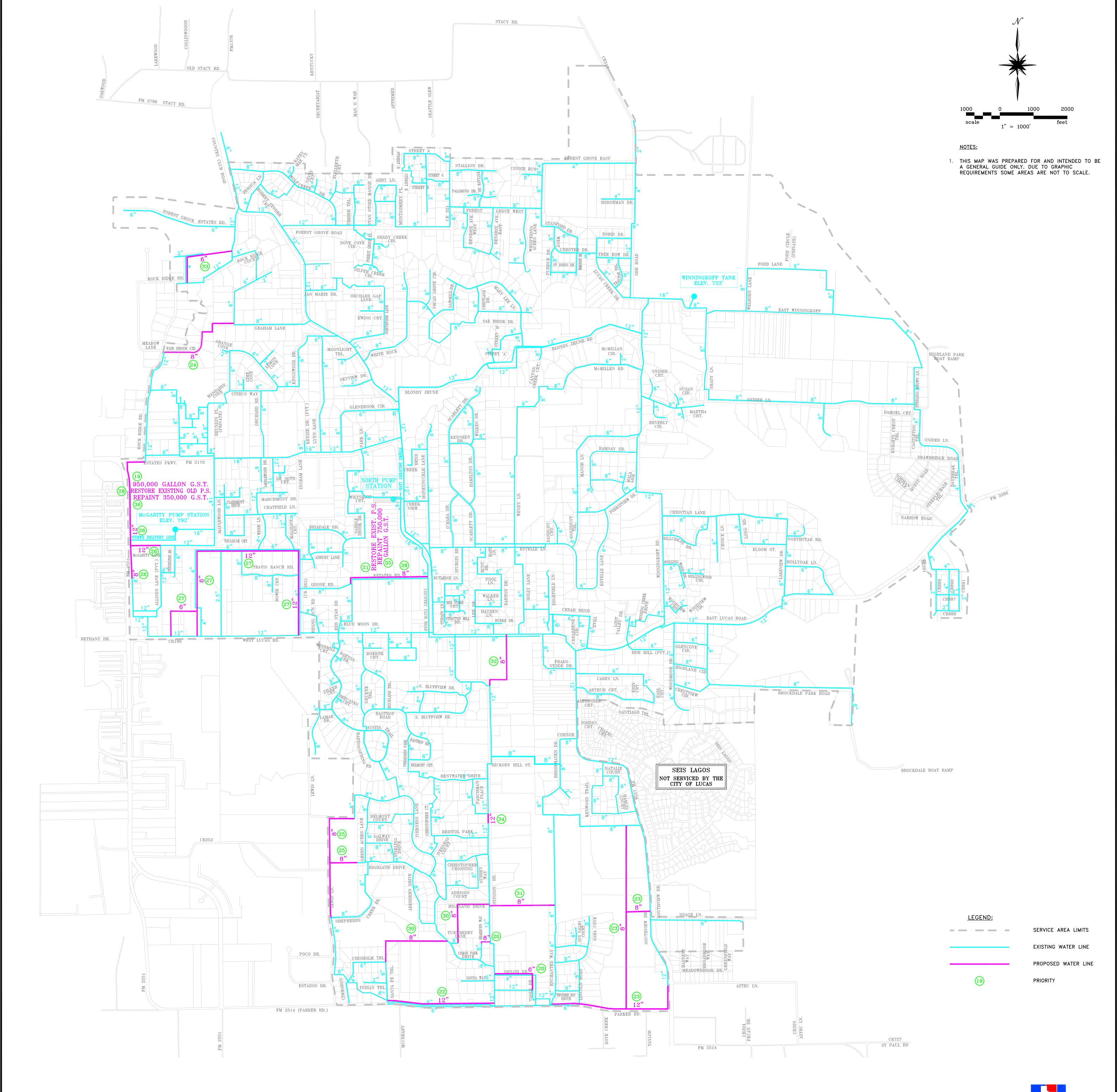
	2026 to 2030			
PRIORITY			ESTIMATED COST	
37	500,000 Gallon McGarity Water Tower	\$	1,372,140	
38	Rock Ridge Rd (North) to Fairbrook Cr 12-Inch	\$	224,712	
39	Snider Ln/CR 891 6-Inch and Knights Crest Trail/CR 889 8-Inch	\$	1,135,688	
40	Forest Grove Rd/Horseman Drive/Orr Rd 6-Inch and 8-Inch	\$	867,422	
41	Orr Rd (North) 8-Inch	\$	426,327	
42	PR 5252 6-Inch	\$	93,486	
43	Repaint 500,000 Gallon N Pump Station Ground Storage Tank	\$	297,124	
	2026 to 2030 Total	\$	4,416,899	

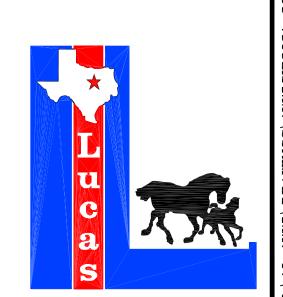
2016 to 2030 Grand Total	\$	16,946,331
2010 to 2030 Grand Total	Ψ	10,240,331

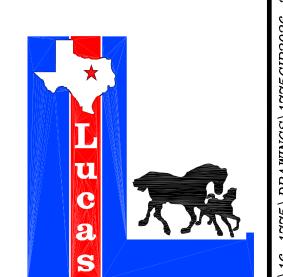
Current Water System

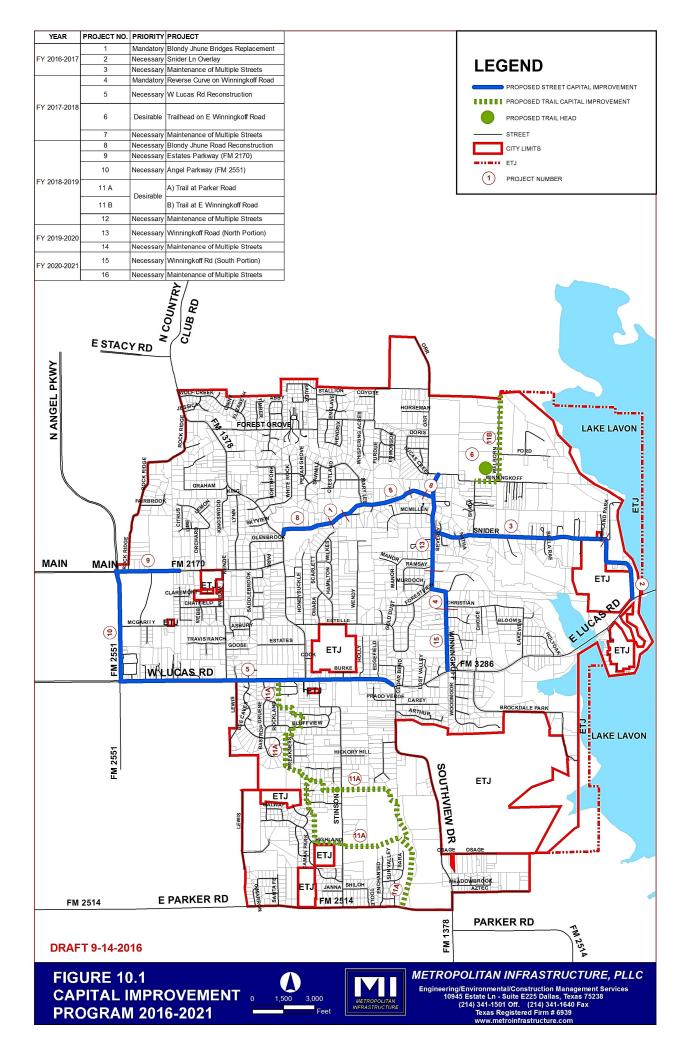


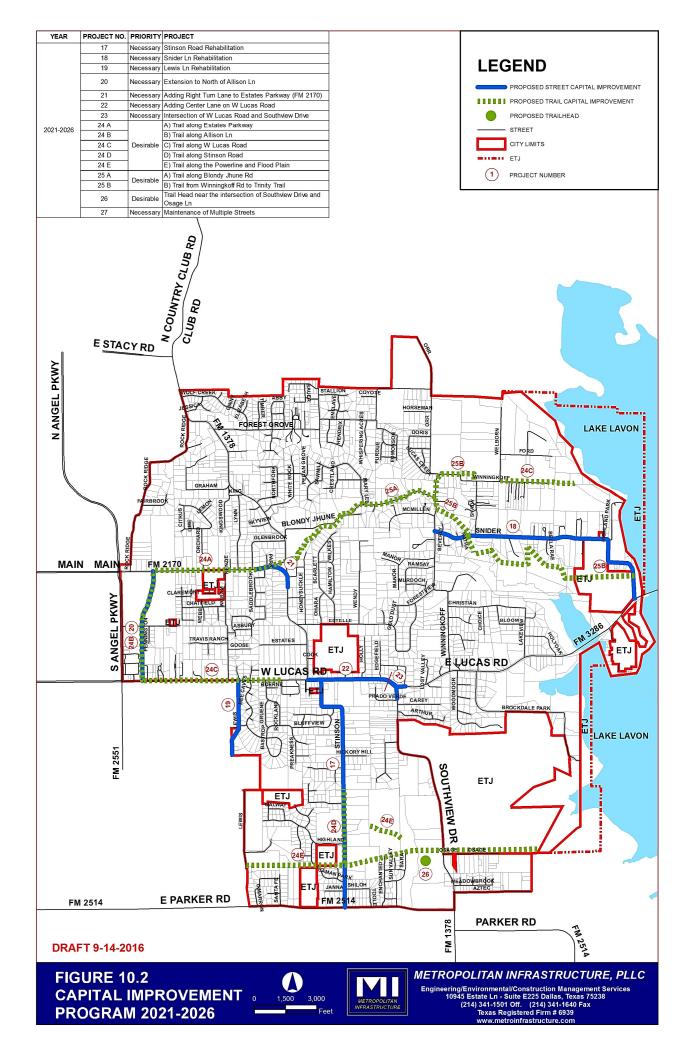


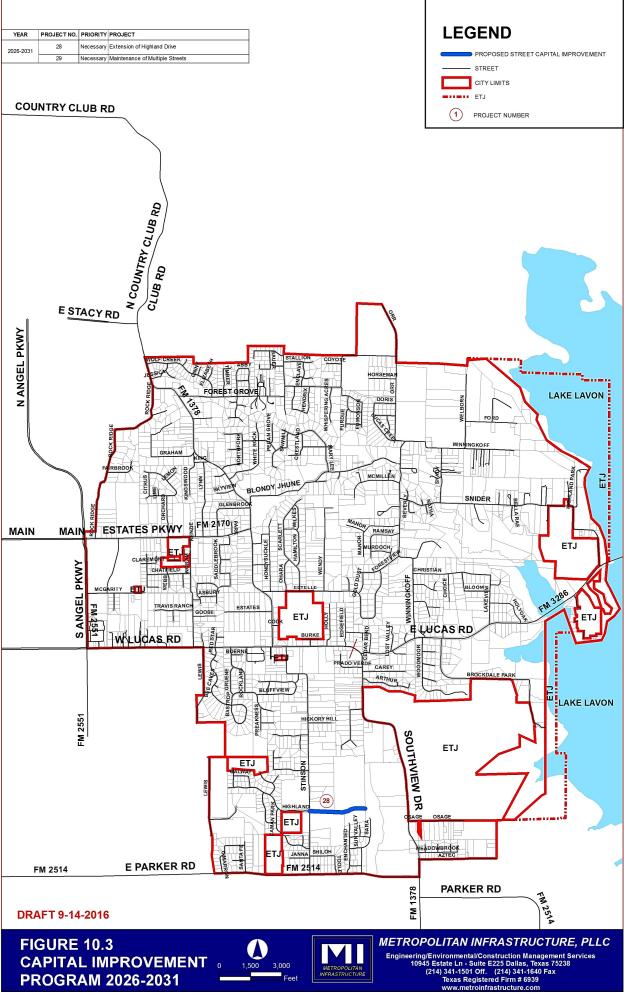


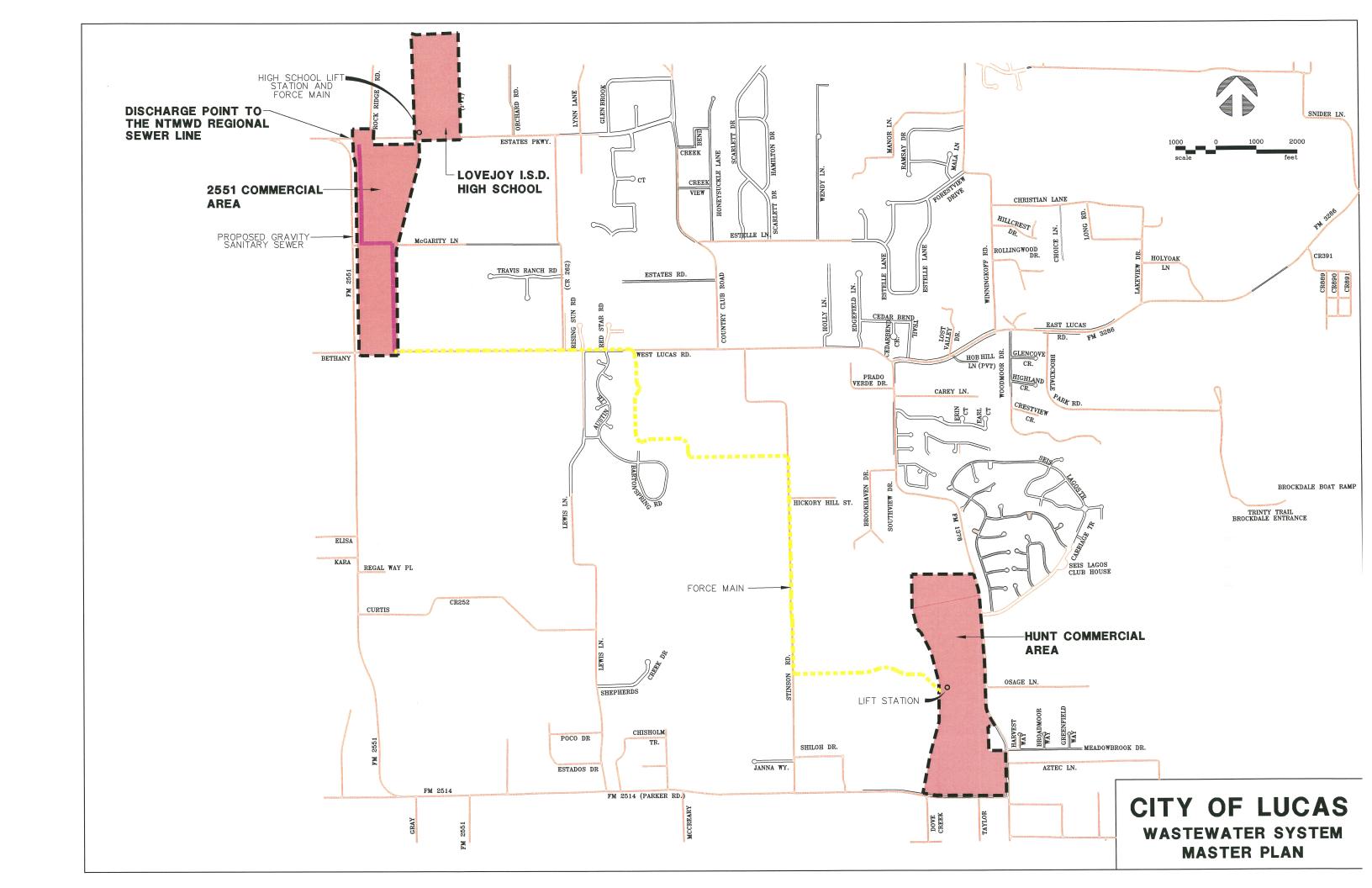














City of Lucas Council Agenda Request January 5, 2017

Requester: Mayor Jim Olk

Agenda Item:

Executive Session:

Pursuant to Section 551.071 of the Texas Government Code, the City Council will convene into Executive Session to obtain legal advice from the City Attorney regarding Ordinance 2016-10-00845, regulation of accessory buildings.

Background Information:

NA

Citizen Summary:

The City Council may convene into a closed Executive Session per the Texas Government Code regarding items such as consulting with the City Attorney, deliberation regarding the purchase, exchange, lease or value of real property, and personnel matters.

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA

Item No. 09



City of Lucas Council Agenda Request January 5, 2017

Requester: Mayor Jim Olk

Agenda	Item:
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Reconvene from Executive Session and take any action necessary as a result from the Executive Session.

Background Information:

NA

Attachments/Supporting Documentation:

NA

Budget/Financial Impact:

NA

Recommendation:

NA

Motion:

NA