

MINUTES
CITY COUNCIL MEETING
DECEMBER 5, 2017

CALL TO ORDER – Roll Call and Determination of a Quorum

The Parker City Council met in a regular meeting on the above date at Parker City Hall, 5700 E. Parker Road, Parker, Texas, 75002.

Mayor Z Marshall called the meeting to order at 5:31 p.m. Councilmembers Scott Levine (arrived 5:35 p.m.), Cindy Meyer, Lee Pettie, Cleburne Raney, and Ed Standridge were present.

Staff Present: City Administrator Jeff Flanigan, Finance/H.R. Manager Johnna Boyd, City Secretary Patti Scott Grey, City Attorney Brandon Shelby, Fire Chief Mike Sheff, Police Chief Richard Brooks, Home Rule Charter Commission (HRCC) member Billy Barron, HRCC member Terry Lynch, and HRCC member Edwin Smith

EXECUTIVE SESSION 5:30 P.M. TO 7:00 P.M. – Pursuant to the provisions of Chapter 551, Texas Government Code the City Council may hold a closed meeting.

1. RECESS TO CLOSED EXECUTIVE SESSION IN ACCORDANCE WITH THE AUTHORITY CONTAINED IN:
 - Section 551.074 - (1) to deliberate the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or (2) to hear a complaint or charge against an officer or employee.

Mayor Marshall recessed the regular meeting at 5:32 p.m.

2. RECONVENE REGULAR MEETING.

Mayor Marshall reconvened the regular meeting at 7:00 p.m.

3. ANY APPROPRIATE DELIBERATION AND/OR ACTION ON ANY OF THE EXECUTIVE SESSION SUBJECTS LISTED ABOVE.

No action was taken.

PLEDGE OF ALLEGIANCE

AMERICAN PLEDGE: Lauren Faith, a Collin College Texas Government student, led the pledge.

TEXAS PLEDGE: Randy Kercho led the pledge.

PUBLIC COMMENTS The City Council invites any person with business before the Council to speak. No formal action may be taken on these items at this meeting. Please keep comments to 3 minutes.

Terry Lynch, 5809 Middleton Drive, voiced concern that item #13 on tonight's agenda, proposed Ordinance No. 757, accepting the City of Parker, Texas, Water Conservation Plan Implementation Plan, appeared to only meet government mandates and did not encourage greater participation from its residents to conserve. Ms. Lynch said she understood City Council approved Resolution No. 2011-346 (2011-2012 NTMWD Drought Plan), adopting the North Texas Municipal Water District Model Water Conservation and Drought Contingency and Water "Emergency Response Plan for North Texas Water District, but more work needed to be done. She urged City Council and City Staff to develop a plan, encouraging residents to conserve more water, resulting in greater conservation.

CONSENT AGENDA Routine Council business. Consent Agenda is approved by a single majority vote. Items may be removed for open discussion by a request from a Councilmember or member of staff.

4. APPROVAL OF MEETING MINUTES FOR SEPTEMBER 19, 2017. [SCOTT GREY]
5. APPROVAL OF MEETING MINUTES FOR SEPTEMBER 28, 2017. [SCOTT GREY]
6. REPUBLIC WASTE QUARTERLY REPORT. [BERNAS]
7. DEPARTMENT REPORTS-ANIMAL CONTROL, BUILDING, COURT, FIRE, POLICE AND WEBSITE
8. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON SETTING A SPECIAL CITY COUNCIL MEETING DATE FOR DECEMBER 12, 2017 AND CANCELING THE DECEMBER 19, 2017 REGULAR MEETING. [MARSHALL]

MOTION: Councilmember Raney moved to approve consent agenda items as presented. Councilmember Standridge seconded with Councilmembers Levine, Meyer, Pettie, Raney, and Standridge voting for the motion. Motion carried 5-0.

INDIVIDUAL CONSIDERATION ITEMS

9. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON RESOLUTION NO. 2017-560 MAKING APPOINTMENTS TO THE ZONING BOARD OF ADJUSTMENTS (ZBA). [MARSHALL] [TABLED – 11082017]

Mayor Marshall recognized City Administrator Flanigan. Mr. Flanigan said staff spoke with the ZBA members and as requested at the previous City Council meeting, the following members expressed a desire to continue their service.

Member	Position	Term Expiration
Jack Albritton	Place One	Nov. 30, 2019
Andrew Ellison	Place Three	Nov. 30, 2019
Brian Deaver	Place Five	Nov. 30, 2019

Member	Position	Term Expiration
Hal Camp	Place Two	Nov. 30, 2018
Don Dickson	Place Four; Vice Chairperson	Nov. 30, 2018
James Clay	Alternate 1	Nov. 30, 2018

Mr. Flanigan continued, stating Mr. Albritton has been Chairperson for some time and was comfortable with continuing in that capacity, but as City Council instructed, Andrew Ellison was contacted to see if he would consider taking on the role of Chairperson. Mr. Ellison said he would serve in whatever capacity City Council decided. The City had one (1) vacancy and an application from Randy Kercho. Mr. Flanigan said he and the Mayor interviewed Mr. Kercho and recommended Mr. Kercho's appointment to fill the vacant Alternate 2 position, as follows:

Recommendation	Position	Term Expiration
Randy Kercho	Alternate 2	Nov. 30, 2018

MOTION: Councilmember Pettie moved to approve Resolution No. 2017-559, making the following appointments and reappointments, Jack Albritton, Place One; Andrew Ellison, Place Three; Brian Deaver, Place Five; and Randy Kercho, Alternate Two; for the terms indicated and further appointing Andrew Ellison, Chair of the Zoning Board of Adjustment; and acknowledging Hal Camp, Place Two; Don Dickson, Place Four – Vice-Chairperson; and James Clay, Alternate 1; would continue their service as stated. Councilmember Meyer seconded with Councilmembers Meyer, Pettie, Raney, and Standridge voting for the motion. Mayor Pro Tem Levine voting against the motion. Motion carried 4-1.

City Council thanked former ZBA Chair Jack Albritton for his longtime service as Chairperson.

10. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON PARKER RANCH ESTATES PHASE 3 PRELIMINARY PLAT. [SHELBY]

City Attorney Shelby said, as requested by City Council, he and the City Administrator met with Parker Ranch Estates representatives to discuss certain right-of-way and easement issues, which would allow Parker Ranch Estates 3 to move forward with the removal of Allen Independent School District (AISD)'s secondary access road. The City of Parker Right-of-Way Dedication Instrument was provided in the City Council packet for review. (See Exhibit 1 – City of Parker Right-of-Way Dedication Instrument, with corrected Grantee, City of Parker, Texas, address as follows, 5700 E. Parker Road.)

Gallery Custom Homes Representative Steve Stolte, 9402 Spring Hollow Drive, Dallas, Texas, continued, stating he spoke with Allen Independent School District and received the letter provided. (See Exhibit 2 – Allen Independent School District (AISD) Executive Director of Facilities Brandon Boyter's letter, dated December 1, 2017, regarding Bolin School Road closure.)

MOTION: Councilmember Standridge moved to accept conveyance of the dedication of right-of-way, in the form of the City of Parker Right-of-Way Dedication Instrument, to the City of Parker, Texas, from Parker Ranch Estates, with the address correction

and AISD's letter acknowledging the developer's closure of Bolin School Road, providing an alternate access to Bolin Elementary School, and to reconfirm approval of a 2nd extension request for Parker Ranch Estates Phase 2 and 3 Preliminary Plat until February 20, 2018 (initially approved at the November 8, 2017 City Council meeting).

Police Chief Brooks voiced concern that if the closed roadway (Bolin School Road) was not barricaded properly, people accustomed to using the road would have to back into oncoming traffic until they realized the road was closed. After discussion, due to the fact that the entrance to the barricaded road was actually private property in the City of Allen, Texas, City Administrator said he would try to make contact with Mr. Bolin, the property owner, and Developer Steve C. Stolte said he would contact and coordinate the road closure with his Allen Independent School District contact Mr. Boyter, regarding barricades and signage to clearly mark the new route.

Councilmember Raney seconded with Councilmembers Levine, Meyer, Pettie, Raney, and Standridge voting for the motion. Motion carried 5-0.

11. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON RESOLUTION NO. 2017-561, REGARDING A BANK DEPOSITORY AGREEMENT. [BOYD]

Finance/H.R. Manager Boyd reviewed the item, stating the City of Parker, entered into a Depository Service Agreement with American National Bank of Texas, effective from January 2015 to December 2017. The agreement allows for three (3) one-year extensions. The only change, in the 30 years of doing business with American National Bank, has been in the last contract in which they removed the automatic interest deposits of a minimum of 25 basis points to either receive interest rate or start service charges. At the time when calculated, the service charges were much more. Ms. Boyd said American National Bank is and has been a tremendous partner and City Council would need to consider the cost involved with any change. Ms. Boyd recommended the one year extension.

MOTION: Mayor Pro Tem Levine moved to approve Resolution No. 2017-561, extending the depository services agreement with American National Bank (ANB) for the first of three (3) allowable "one-year extensions, subject to the mutual agreement of both parties", as stated in the initial depository services agreement. Councilmember Raney seconded.

Councilmember Meyer said she thought the City planned to go out for bids. Ms. Boyd said she thought what Councilmember Meyer was recalling was a request to rebid for auditors.

Councilmembers Levine, Pettie, Raney, and Standridge voting for the motion. Councilmember Meyer voting against the motion. Motion carried 4-1.

12. DISCUSSION/CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON CODIFICATION. [PETTIE]

Councilmember Pettie said she asked for a discussion on codification of the City's ordinances, because the process was routinely done since its inception in 2004. She

asked if codification was legally required and if not, should the City of Parker continue to automatically codify. Ms. Pettle explained there was a cost associated with codification and she wanted to make sure it was necessary and helpful.

City Attorney Shelby explained codification was not legally required, although it should make locating ordinances easier and quicker.

Police Chief Brooks said the codification of the City's ordinances was invaluable to him and his officers.

City Administrator Flanigan said codification was usually done annually and City Attorney Shelby said that was typical among most cities.

Mayor Marshall said prior to the Chief's comments he was unsure, but he now felt codification should be continued to support our Police staff and other departments.

Councilmember Pettle asked if updates could be more frequent to be timelier and she encouraged City Council and City Staff to search for additional ways to make the City Code of Ordinances more user-friendly.

No action was taken.

13. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON ORDINANCE NO. 757, ACCEPTING THE CITY OF PARKER, TEXAS WATER CONSERVATION IMPLEMENTATION PLAN. [FLANIGAN]

City Administrator Flanigan reviewed the item, stating the City of Parker, Texas has been working with North Texas Municipal Water District (NTMWD) for quite some time regarding a second connection for our water system. During some of the discussions or negotiations it was apparent NTMWD was not going to budge on the City of Parker adopting a Water Conservation Implementation Plan. After several meetings, he and City Engineer Birkhoff downloaded and reviewed several neighborhood cities' Conservation Plans and went to Texas Commission on Environmental Quality (TCEQ), a State agency regulating environmental quality and whose mission is to protect Texas' human and natural resources and goals are clean air, clean water, and safe management of waste, and downloaded a template from their website. He and Mr. Birkhoff removed as much as they could from the State template to fulfill NTMWD's request. On November 20, 2017, he and City Engineer Birkhoff met with NTMWD's Deputy Director Mike Rickman, Assistant Deputy Director-Water System Billy George, and Water Resource Program and Public Education Manager Denise Hickey, to present the City of Parker, Texas' Conservation Implementation Plan. NTMWD accepted the plan as the starting point. Next time the City meets with NTMWD, it should be for contract negotiations for the City's second pump station.

Mayor Marshall asked City Administrator Flanigan what he was specifically requesting City Council to do. Mr. Flanigan said he was requesting approval of the City of Parker, Texas Water Conservation Implementation Plan, as presented.

The Mayor asked Mr. Flanigan to review some of the highlights of the plan. Mr. Flanigan said most of the plan is required by the State. While NTMWD would like the

reporting to be done annually, the State, currently, does not require a City with a population under 5,000 to do any of the reports. Mr. Flanigan commented that City Engineer Birkhoff said based on his knowledge this is the type of plan the City needed to adopt moving forward. For the City to move forward with its plans regarding a second connection for our water system, NTMWD is requiring the City adopt a water conservation plan acceptable to them and TECQ. Mr. Flanigan stated this plan was different from our drought contingency and water conservation plans. NTMWD wants the City to have a plan in place to implement conservation, educating its residents.

Mayor Pro Tem Levine noted the citizen's comments earlier concerning the Water Conservation Implementation Plan reporting. He asked Mr. Flanigan to review the reporting requirements. Mr. Flanigan reiterated today, with a population of less than 5,000, there are no reporting requirements with the exception of assembling a water utility profile. Mr. Levine asked that be put aside for a moment, due to the fact that we have estimated the City of Parker will soon have a population over 5,000. He asked what the requirements were for a city over 5,000. Mr. Flanigan said the City would need to do loss water reports. Mr. Levine pointed out this reporting was included in the City of Parker, Texas Conservation Implementation Plan on p. 2 of 8, subparagraph 12. (See Exhibit 3 – City of Parker, Texas Conservation Implementation Plan, *December 2017*.) Mayor Pro tem Levine asked when City Council needed to approve this plan. Mr. Flanigan said there was no time limit.

MOTION: Mayor Pro Tem Levine moved to table proposed Ordinance No. 757, accepting the City of Parker, Texas, Water Conservation Implementation Plan, until the next City Council meeting for additional research.

City Administrator Flanigan asked City Council to send any questions to him via email.

Councilmember Pettie seconded with Councilmembers Levine, Meyer, Pettie, Raney, and Standridge voting for the motion. Motion carried 5-0.

ROUTINE ITEMS

14. FUTURE AGENDA ITEMS

Mayor Marshall asked if there were any items to be added to the future agenda. He noted the Water Conservation Implementation Plan. The Mayor said he was getting besieged by comments regarding the weekend commercial usage of the Parker Preserve, so he would like an item revisiting park regulations and/or usage of the park, as well as discussion of Parks and Recreation Commission.

Councilmember Pettie inquired about setting up a "Trade Zone". She was not sure if that would be a Future Agenda Item or something Chief Brooks could address. Chief Brooks said a "Trade Zone" would be better addressed with the new Municipal Complex, due to the fact that the current Police building and parking lot was not conducive for camera monitoring.

Councilmember Standridge asked if he could postpone Councilmember Pettie's request for a FM 2551 update until the next meeting, due to his weak voice. City Council agreed.

- **UPDATE ON FM 2551**

Mayor Marshall reminded everyone of the upcoming March Primary Election dates/times.

- **REMINDER - March 6, 2018 – Primary Election**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Feb 18	Feb 19 <i>President's Day</i>	Feb 20 Early Voting 8am–5pm	Feb 21 Early Voting 8am–5pm	Feb 22 Early Voting 8am–5pm	Feb 23 Early Voting 8am–5pm	Feb 24 Early Voting 7am–7pm
Feb 25 Early Voting 1pm–6pm	Feb 26 Early Voting 7am–7pm	Feb 27 Early Voting 7am–7pm	Feb 28 Early Voting 7am–7pm	Mar 1 Early Voting 7am–7pm	Mar 2 Early Voting 7am–7pm	Mar 3

Councilmember Pettie also added training (Ethics, Open Meeting, Public Information, etc.) by the City Attorney.

15. ADJOURN

Mayor Marshall adjourned the meeting at 7:54 p.m.



APPROVED:

Mayor Pro Tem Scott Levine

ATTESTED:

Patti Scott Grey, City Secretary

Approved on the 17th day
of January, 2018.

CITY OF PARKER RIGHT-OF-WAY DEDICATION INSTRUMENT

CITY OF PARKER §
§
COUNTY OF COLLIN §

KNOW ALL MEN BY THESE PRESENTS, THAT First Texas Homes, Inc., (hereinafter called "Grantor" whether one or more), in consideration of the sum of One Dollar and No Cents (\$1.00), and other good and valuable consideration, including the benefits that will accrue to my property, paid by the City of Parker, (hereinafter called "Grantee"), the receipt and sufficiency of which is hereby acknowledged, do hereby give, grant and convey to said Grantee, 5700 E. Parker Road, Parker, Texas, its successors, and assigns, the tract of land described and depicted in **EXHIBIT "A"**, attached hereto and incorporated herein for all purposes of this dedication, for the use and benefit of the public as a perpetual right-of-way and easement for the passage and accommodation of vehicular and pedestrian traffic, and the construction, operation, use, maintenance , inspection, repair, alteration, and replacement of a paved road within the boundaries of the right-of-way and easement area, and for all other purposes for which a public street and right-of-way is commonly used, including installing, repairing, maintaining , altering, replacing, relocating and operation utilities in, into, upon, over, across, and under said right-of-way, and including but not limited to all such uses permitted by the Laws of the State of Texas and the Ordinances of the City of Parker, Texas.

TO HAVE AND TO HOLD THE SAME, together with, all and singular, the rights and appurtenances thereto in anywise belonging to the said GRANTEE, its successors and assigns forever, and GRANTOR does hereby bind himself, his heirs, successors and assigns, to Warrant and Forever Defend, all and singular, the said easement unto the said GRANTEE, its successors and assigns, against every person whomsoever lawfully claiming, or to claim the same, or any part thereof.

GRANTOR covenants and agrees GRANTOR and GRANTOR'S heirs, representatives , successors and assigns shall at no time erect, place or construct, or cause to be erected, placed or constructed in, into, upon, over, across or under any easements granted herein any temporary or permanent structures, and it is further agreed that the City of Parker shall have the right to excavate and full upon said permanent easement, any fences, buildings or other obstructions as may now be found upon said permanent easement.

It is further intended that the permanent right-of-way and easement herein granted to the City of Parker shall run with the land and forever be a right in and to the land belonging to GRANTOR, and GRANTOR'S successors and assigns, and said grant is expressly excepted form any right of reversion of said premises under any prior deeds in GRANTOR'S chain of title. The permanent right-of-way and easement rights and privileges granted therein are exclusive, and GRANTOR covenants that it will not convey any other easement or conflicting rights within the area covered by the grant to any other person.

IN WITNESS WHEREOF the said Grantors has executed this instrument this 11, day of October, 2017.

GRANTOR:

BY: [Signature]

Keith Hardesty

ADDRESS: 500 Crescent Court, Suite 350, Dallas, TX 75201

ACKNOWLEDGEMENT

STATE OF TEXAS *
*
COUNTY OF DALLAS *

BEFORE ME, the undersigned authority, on this day personally appeared Keith Hardesty, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, on this the 11th
day of October, 2017.

NOTARY SIGNATURE: [Signature: Lachelle Balch]

COMMISSION EXPIRES: Oct. 29, 2018

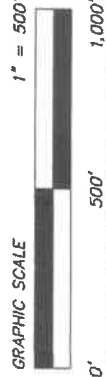


ALL PROPOSED STREET RIGHT OF WAYS ARE 60 FEET EXCEPT FOR CHAPARRAL DRIVE WHICH IS 105 FEET.
BASIS OF BEARING DERIVED FROM THE STATE PLANE COORDINATE SYSTEM, TEXAS NORTH CENTRAL ZONE 4202, NORTH AMERICAN DATUM OF 1983



LEGEND

	D.&U.E.	DRAINAGE & UTILITY EASEMENT
	R.O.W.	RIGHT-OF-WAY
	D.E.	DRAINAGE EASEMENT
	W.E.	WATER EASEMENT



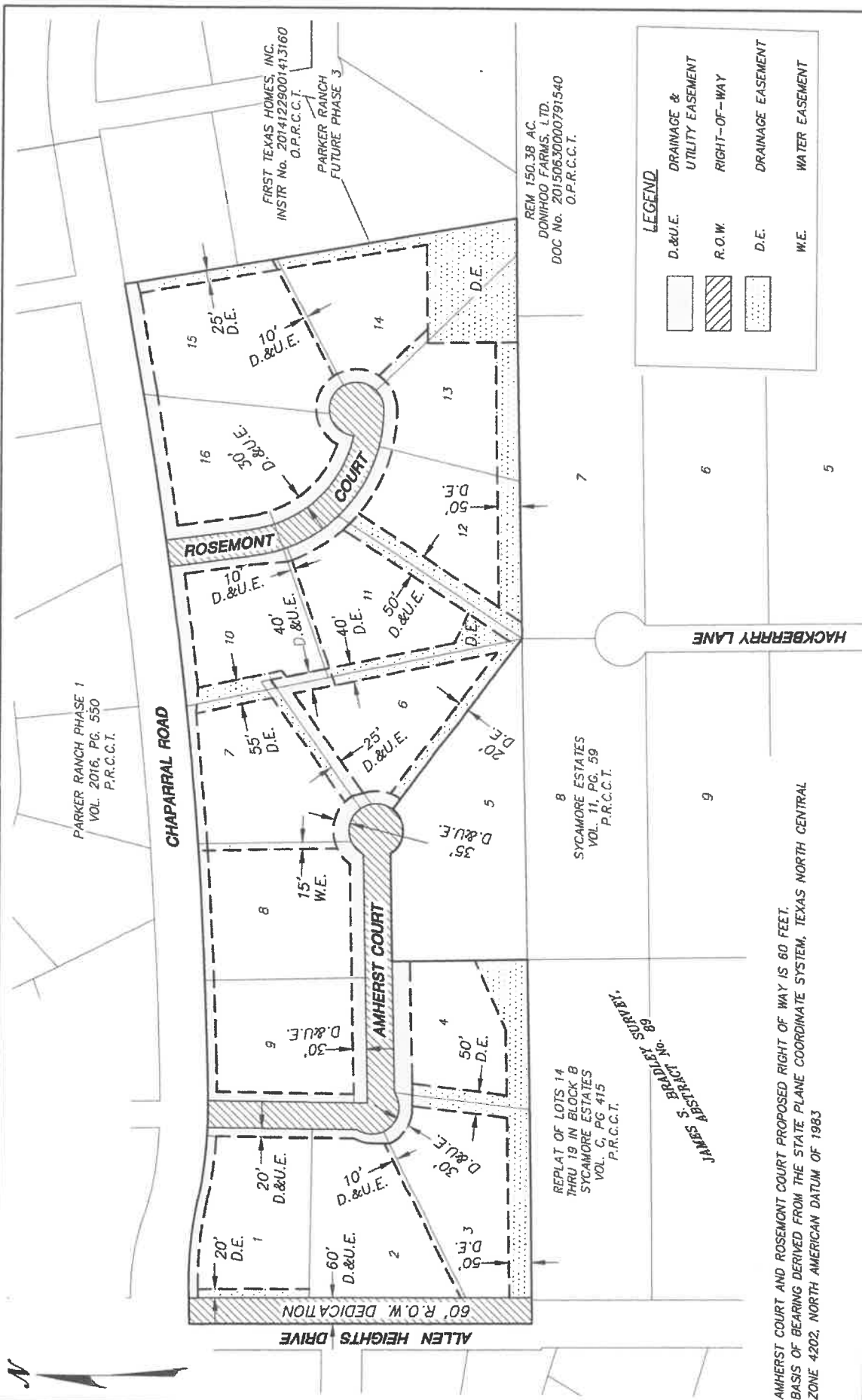
Westwood

Phone (214) 473-4640 2740 Dallas Parkway, Suite 280
TollFree (888) 837-6150 Plano, TX 75093
Survey Firm No. 10074301 westwoodps.com
Westwood Professional Services, Inc.

EXHIBIT A

Sheet: 1 of 1
Date: 09/25/17

City of Parker Easement Exhibit
Parker Ranch, Phase 3
James S. Bradley Survey ~ Abstract No. 89 and
the John Snider Survey ~ Abstract No. 848
City of Parker, Collin County, Texas



City of Parker Easement Exhibit
Parker Ranch, Phase 2
James S. Bradley Survey ~ Abstract No. 89 and
the John Snider Survey ~ Abstract No. 848
City of Parker, Collin County, Texas

EXHIBIT A
Sheet: 1 of 1
Date 09/25/17

Westwood
 Phone (214) 473-4640
 Toll Free (888) 837-5160
 Survey Firm No. 10074301
 Westwood Professional Services, Inc.
 2740 Dallas Parkway, Suite 280
 Plano, TX 75093
 westwoodps.com



ALLEN INDEPENDENT SCHOOL DISTRICT

Brandon Boyter, Executive Director of Facilities

12/1/2017

To whom it may concern,

My name is Brandon Boyter and I am the Executive Director of Facilities for Allen Independent School District. Mr. Stolte and I have spoken and this letter is to show the district understands and accepts the developer will close down "Bolin Road" and provide an alternate route as the second entrance to Bolin Elementary School. The district understands that the developer is meeting with the city on the 5th of December to get this work approved and once approved has plans to start demoing the "Bolin Road" the following week. The district understands that starting on Monday the 11th of December the old road will no longer be an accessible route and all parties will have to use the newly constructed roads through the neighborhood as the second accessible route. The district understands that the developer will have signage clearly marking the new route that will serve as the secondary accessible route.

Sincerely,

Brandon Boyter

Brandon Boyter, Executive Director of Facilities
Allen Independent School District

EXHIBIT 2

City of Parker, Texas
CONSERVATION IMPLEMENTATION PLAN
December 2017

I. INTRODUCTION AND OBJECTIVES

Water supply has always been a key issue in the development of Texas. In recent years, the growing population and economic development of North Central Texas has led to increasing demands for water supplies. At the same time, local and less expensive sources of water supply are largely developed. Additional supplies to meet higher demands will be expensive and difficult to develop. It is therefore important that City of Parker make the most efficient use of existing supplies. This will delay the need for new supplies, minimize the environmental impacts associated with developing new supplies, and delay the high cost of additional water supply development.

Recognizing the need for efficient use of existing water supplies, the Texas Commission on Environmental Quality (TCEQ) has developed guidelines and requirements governing the development of water conservation and drought contingency plans for public water suppliers. The best management practices established by the Water Conservation Implementation Task Force, established pursuant to SB1094 by the 78th Legislature, were also considered in the development of the water conservation measures. Parker's water conservation plan was developed with that model and following TCEQ guidelines and requirements.

This plan includes measures that are intended to result in ongoing, long-term water savings. The objectives of this model water conservation plan are as follows:

- To reduce water consumption from the levels that would prevail without conservation efforts;
- To reduce the loss and waste of water;
- To improve efficiency in the use of water;
- To extend the life of current water supplies by reducing the rate of growth in demand.

EXHIBIT 3

II. TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

RULES Conservation Plans

The TCEQ rules governing development of water conservation plans for public water suppliers are contained in Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2 of the Texas Administrative Code. For the purpose of these rules, a water conservation plan is defined as "A strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water." The elements in the TCEQ water conservation rules covered in this conservation plan are listed below.

Minimum Conservation Plan Requirements

The minimum requirements in the Texas Administrative Code for Water Conservation Plans for Public Water Suppliers are covered in this report as follows:

1. 288.2(a)(1)(A) – Utility Profile
2. 288.2(a)(1)(B) – Record Management System (Billing System)
3. 288.2(a)(1)(C) – Specific, Quantified Goals
4. 288.2(a)(1)(D) – Accurate Metering (NTMWD)
5. 288.2(a)(1)(E) – Universal Metering
6. 288.2(a)(1)(F) – Determination and Control of Unaccounted Water
7. 288.2(a)(1)(G) – Public Education and Information Program
8. 288.2(a)(1)(H) – Non-Promotional Water Rate Structure
9. 288.2(a)(1)(J) – Means of Implementation and Enforcement (Ordinance)
10. 288.2(a)(1)(K) – Coordination with Regional Water Planning Group
11. 288.2(c) – Review and Update of Plan

Conservation Additional Requirements (Population over 5,000)

The Texas Administrative Code includes additional requirements for water conservation plans for drinking water supplies serving a population over 5,000:

12. 288.2(a)(2)(A) – Leak Detection, Repair, and Water Loss Accounting

Additional Conservation Strategies

In addition to the TCEQ required water conservation strategies, the NTMWD also requires the following strategy:

13. 288.2(a)(3)(F) – Considerations for Landscape Water Management Regulations

TCEQ rules also include optional, but not required, conservation strategies, which may be adopted by suppliers. The NTMWD recommends that the following strategies:

14. 288.2(a)(3)(A) – Conservation Oriented Water Rates
15. 288.2(a)(3)(B) – Ordinances, Plumbing Codes or Rules on Water-Conserving Fixtures
16. 288.2(a)(3)(C) – Replacement or Retrofit of Water-Conserving Plumbing Fixtures
17. 288.2(a)(3)(F) – Considerations for Landscape Water Management Regulations
18. 288.2(a)(3)(G) – Monitoring Method
19. 288.2(a)(3)(H) – Additional Conservation Measures

1. WATER UTILITY PROFILE

Appendix A to this water conservation implementation plan is based on the format recommended by the TCEQ for a water utility profile. Prior to adopting this plan, the city will provide a draft utility profile to NTMWD for review and comment. A final water utility profile will be provided to NTMWD upon adoption of and any updates to this plan.

2. Record Management System

As required by TAC Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.2(a)(2)(B), the city's record management system (billing software) allows for the separation of water sales and uses into residential, commercial, public/institutional, and industrial categories.

3. SPECIFIC QUANTIFIED GOALS

TCEQ rules require the adoption of specific water conservation goals for a water conservation plan. The goals for this water conservation implementation plan include the following:

- Maintain the per capita municipal water use below the specified amount in gallons per capita per day.
- Maintain the level of unaccounted water in the system below twelve percent annually in 2018 and subsequent years.
- Implement and maintain a program of universal metering and meter replacement and repair.
- Increase efficient water usage through a water conservation ordinance, order or resolution. (This ordinance is required by the NTMWD.)
- Decrease waste in lawn irrigation by implementation and enforcement of landscape water management regulations.

- Raise public awareness of water conservation and encourage responsible public behavior by a public education and information program.
- Develop a system specific strategy to conserve water during peak demands, thereby reducing the peak use.

4. **Accurate Metering of Treated Water Deliveries from NTMWD**

Water deliveries from NTMWD are metered by NTMWD meters. These meters are calibrated on a quarterly basis by NTMWD to maintain the required accuracy as per contract. Calibration reports to be provided to City of Parker monthly.

5. **Universal Metering of Customer and Public Uses**

The provision of water to all customers, including public and governmental users, should be metered. The City of Parker already meters all residential, and retail water users. Beginning in January 2018, the city shall also have in place to meter all internal water uses, including parks, town facilities, special uses, firefighting and training (where practical), line testing, etc.

The City of Parker recently completed replacement of all of its meters. Going forward, all customer meters should be replaced at least every fifteen years, and the city shall maintain all records necessary to ensure said replacements are completed in a timely manner.

6. **Determination and Control of Unaccounted Water**

Unaccounted water is the difference between water delivered to the City from NTMWD and metered water sales to customers plus authorized but unmetered uses. (Authorized but unmetered uses include use for firefighting, releases for flushing of lines, uses associated with new construction, etc.) Unaccounted water can include several categories:

- Inaccuracies in customer meters.
- Accounts that are being used but have not yet been added to the billing system.
- Losses due to water main breaks and leaks in the water distribution system.
- Losses due to illegal connections and theft.

One of the key elements of water conservation is tracking water use and controlling losses through illegal diversions and leaks. It is important to carefully meter water use, detect and repair leaks in the distribution system and provide regular monitoring of unaccounted water.

Measures to control unaccounted water shall be a part of the routine operations of the city's utility department. Maintenance crews and personnel shall look for and report evidence of leaks in the water distribution system.

With the measures described in this plan, the City hopes to maintain unaccounted water below industry standards. If unaccounted water exceeds this goal, the City shall consider implementing a more intensive audit to determine the source(s) of and reduce the unaccounted water. The annual conservation report is the primary tool that shall be used to monitor unaccounted water.

7. PUBLIC EDUCATION AND INFORMATION PROGRAM

The city's continuing public education and information campaign on water conservation includes the following elements:

- Utilize the "Water IQ: Know Your Water" and other public education materials produced by the NTMWD.
- Promote "Water My Yard" in newsletter and website.
- Insert water conservation information with water bills. Inserts will include material developed by city staff and material obtained from the TWDB, the TCEQ, and other sources.
- Encourage local media coverage of water conservation issues and the importance of water conservation.
- Notify local organizations, schools, and civic groups that city staff and staff of the NTMWD are available to make presentations on the importance of water conservation and ways to save water.
- Promote the *Texas Smartscape* web site (www.txsmartscape.com) and provide water conservation brochures and other water conservation materials available to the public at town hall and other public places.
- Make information on water conservation available on the city's website and include links to the "Water IQ: Know Your Water" website, *Texas Smartscape* website, and to information on water conservation on the TWDB and TCEQ web sites and other resources.

8.&14. NON – PROMOTIONAL WATER RATE STRUCTURE

The City of Parker utilizes, an increasing block rate water structure intended to encourage water conservation and discourage excessive use and waste of water.

Current rates are as follows:

Residential (October 1, 2017)

First 4000 gallons	\$40.00
4,001-15,000 gallons	\$3.85 per 1,000 gallons
15,001-30,000 gallons	\$4.75 per 1,000 gallons
30,001-50,000 gallons	\$5.95 per 1,000 gallons
50,001-70,000 gallons	\$9.50 per 1,000 gallons
70,001 and up gallons	\$13.10 per 1,000 gallons

Residential (October 1, 2018)

First 4000 gallons	\$40.00
4,001-15,000 gallons	\$4.10 per 1,000 gallons
15,001-30,000 gallons	\$5.10 per 1,000 gallons
30,001-50,000 gallons	\$6.35 per 1,000 gallons
50,001-70,000 gallons	\$10.15 per 1,000 gallons
70,001 and up gallons	\$14.00 per 1,000 gallons

Residential (October 1, 2019)

First 4000 gallons	\$40.00
4,001-15,000 gallons	\$4.20 per 1,000 gallons
15,001-30,000 gallons	\$5.25 per 1,000 gallons
30,001-50,000 gallons	\$6.55 per 1,000 gallons
50,001-70,000 gallons	\$10.45 per 1,000 gallons
70,001 and up gallons	\$14.40 per 1,000 gallons

Residential (October 1, 2020)

First 4000 gallons	\$40.00
4,001-15,000 gallons	\$4.35 per 1,000 gallons
15,001-30,000 gallons	\$5.40 per 1,000 gallons
30,001-50,000 gallons	\$6.75 per 1,000 gallons
50,001-70,000 gallons	\$10.75 per 1,000 gallons
70,001 and up gallons	\$14.85 per 1,000 gallons

The City of Parker will review these rates in the spring of 2020

9. MEANS OF IMPLEMENTATION AND ENFORCEMENT

The City of Parker shall enact ordinances as necessary to enforce and execute this plan. The City Mayor, City Administrator, Public Works Director, and their designees shall be authorized to take necessary measures to ensure compliance.

11. REVIEW AND UPDATE OF PLAN

Following adoption, this water conservation plan shall be updated as required by TCEQ or as appropriate based on new and/or updated information.

12. Leak Detection and Repair

Areas of the water distribution system in which numerous leaks and line breaks occur shall be targeted for replacement as funds are available.

13.&17. Landscape Water Management Measures

The following landscape water management measures are required by the NTMWD. These minimal measures are hereby adopted as part of the city's plan in order to appropriately irrigate landscaping.

- Time of day restrictions prohibiting lawn irrigation watering from 10:00 a.m. to 6:00 p.m. from April 1 to October 31 of each year.
- Prohibition of watering of impervious surfaces.
- Prohibition of outdoor watering during precipitation or freeze events.
- Lawn and landscape irrigation limited to twice per week, implement seasonal watering and follow drought restrictions as appropriate.
- Prohibiting the use of treated water to fill or refill residential, amenity, and any other natural or manmade ponds. A pond is considered to be a still body of water with a surface area of 500 square feet or more.
- Rain and freeze sensors and/or ET or Smart controllers required on all new irrigation systems. Rain and freeze sensors and/or ET or Smart controllers must be maintained to function properly.
- Home car washing can be done only when using a water hose with a shut-off nozzle.
- Prohibition of watering areas that have been over-seeded with cool season grasses.

15.&16. Ordinances, Plumbing Codes, or Rules on Water-Conserving Fixtures

The state has required water-conserving fixtures in new construction and renovations since 1992. The state standards call for flows of no more than 2.5 gallons per minute (gpm) for faucets, 3.0 gpm for showerheads, and 1.6 gallons per flush for toilets. Similar standards are now required nationally under federal law. These state and federal standards assure that all new construction and renovations will use water-conserving fixtures.

19. Additional Water Conservation Measures

The following water conservation measures may also be used by the town to encourage water conservation:

- Use of xeriscaping in all municipal landscape projects.
- Encourage for use of rain barrels.
- Encourage for the installation of pressure reducing valves for irrigation systems.
- Encourage for retrofitting irrigation systems with rain and freeze sensors and/or ET or Smart controllers capable of multiple programming.
- Require all new irrigation systems to be in compliance with state design and installation regulations (TAC Title 30, Part 1, Chapter 344).
- Native, drought tolerant, or adaptive plants shall be encouraged.
- Drip irrigation systems shall be promoted.
- Evapotranspiration (ET) / Smart controllers that only allow sprinkler systems to irrigate when necessary shall be promoted.
- Encourage for water efficient clothes washers.
- Other water conservation incentive programs.