

**CITY OF FREDERICKSBURG
CITY COUNCIL MEETING**

MONDAY, APRIL 7, 2014 ~ 7:00 p.m.

Law Enforcement Center ~ 1601 East Main Street

Jeryl Hoover, Mayor
Tim Dooley, Council Member
Graham Pearson, Council Member

Gary Neffendorf, Council Member
Kathy Sanford, Council Member
Kent Myers, City Manager

(REQUEST ALL PAGERS AND PHONES BE TURNED OFF, EXCEPT EMERGENCY ON-CALL PERSONNEL.)

A G E N D A

CALL TO ORDER.

Page Ref

PLEDGE OF ALLEGIANCE.

1. ORDINANCES - RESOLUTIONS - ACTION ITEMS

- | | |
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| A. Consider Change to Fee Ordinance for Dynamic Pricing for Golf Course. | 1 |
| B. Consider Adoption of Water Conservation Ordinance. (2 nd reading) | 2-20 |
| C. Consider Adoption of Parking Ordinance. (1st reading) | 22-28 |
| D. Consider Consulting Services - Relief Route. | 29-34 |
| E. Consider Electric Rates for Car Charging Station. | 35-50 |

2. INDIVIDUAL ITEMS FOR CONSIDERATION AND POSSIBLE ACTION

- | | |
|--|-------|
| A. Presentation by Design Workshop on Comprehensive Plan Update. | 51-59 |
| B. Receive Waterwater Treatment Plant Master Plan Presentation. | 60-62 |
| C. Consider selecting finalists for Municipal Court Judge. | 63 |

3. CITY MANAGER'S REPORT

- A. City Charter Election
- B. Beautification Meeting
- C. City Council/County commissioners Joint Meeting
- D. Update on 306 E. Austin Property
- E. Employee Recognitions

4. ITEMS FOR FUTURE AGENDAS

- 5. PUBLIC COMMENTS** - This time is for citizens to address the City Council on issues and items of concern not on this agenda. There will be no City Council action at this time.

- 6. COUNCIL COMMENTS** - No discussion or action may take place.

- 7. EXECUTIVE SESSION** - Council reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government code Sections 551.071 (Consultation with Attorney, 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices) and 551.086 (Economic Development).

A. Executive Session - Personnel Matters - Review Applicants for Municipal Court Judge Position.

8. ADJOURN



CITY COUNCIL MEMO

DATE: April 7, 2014
TO: Mayor and City Council
FROM: Alan Wooley, Director of Golf
SUBJECT: Dynamic Pricing for Lady Bird Johnson Golf Course

Summary:

The fee ordinance for lady Bird Johnson Golf Course passed last year does not leave the flexibility to meet conditions. Extreme weather or maintenance practices that affect our consumers williness to pay our full rate.

Recommendation:

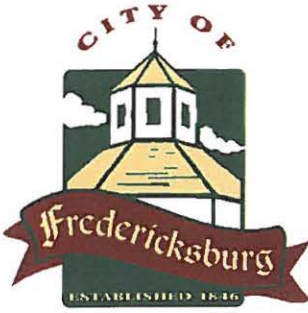
The recommendation is for the wording of the ordinance to reflect that those rates are maximum rates and allow the Director of Golf the ability to adjust prices based on demand and/or conditions present on a week to week basis.

Background/Analysis:

It is important to note that this will not affect daily member rates.

This practice is common for the golf, airline and hotel industry. Some municipalities actually adjust their parking meter rates based on demand.

An example would be in the middle of the summer you would charge prime rates for early morning tee times but as the temperture rises and you have a lack of play in the afternoon the price could be lowered to entice consumers to play at those non-peak times.



CITY COUNCIL MEMO

DATE: April 7, 2014

TO: Mayor and City Council

FROM: Clinton Bailey, P.E., Director of Public Works and Utilities

SUBJECT: Consider Watering Restrictions

Summary:

This item is for the second reading and adoption of an ordinance amending the Water Conservation Measures Ordinance, being Chapter 47 – Utilities, Article II of the Code of Ordinances of the City of Fredericksburg.

Recommendation:

City Staff recommends adoption of the ordinance.

Background / Analysis:

Amendments to the City's current Water Conservation Measures Ordinance are consistent with the input and direction given to Staff by the City Council during the initial discussion of proposed changes during their regular meeting on December 2, 2013 and again during the City Council Retreat on

②

The City of Fredericksburg

February 21, 2014. The proposed ordinance has not changed since its first reading and introduction on March 17, 2014. Areas of the ordinance where substantive changes are being proposed include:

1. Trigger Conditions - Local drought conditions that trigger initiation or termination of drought stages
2. Watering Days - The day(s) of the week(s) that customers are allowed to water
3. Watering Times - The times during a prescribed watering day that customers are allowed to water

The overall objectives of the proposed amended ordinance are:

1. To develop an objective method for moving between drought stages. A change in the trigger conditions for each drought stage (1-5) from the current and very subjective method which is based on the loss of capacity to deliver water to the City's distribution system to a very objective method based on local drought sensitive parameters including daily average water levels from two City of Fredericksburg water supply wells, average daily flow of the Pedernales River measured locally, prior 10-month cumulative rainfall amount and the Palmer Drought Index for the Edwards Plateau to calculate a true "Local Drought Index".
2. To create a schedule of watering days and times for stages 2, 3, and 4 which are easy for the City's water customers to understand, that lend themselves to simplifying the programming of automatic sprinkler systems and that are more easily enforced by the City's Code Enforcement personnel.
3. To allow more flexibility in overall restrictions by allowing drip irrigation and hand held watering on any day between the hours of 5 to 9 am and 7 to 11 pm.
4. To conserve water during the "Critical Water Shortage" Drought Stage 4 by restricting watering days to once per week and watering times to evenings only from 7 to 11pm (4 hours total).
5. To clarify the language in our current ordinance which is inconsistent and difficult to understand.

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The City of Fredericksburg

ORDINANCE NO. _____

AN ORDINANCE AMENDING AND REPLACING CHAPTER 47 OF THE CODE OF ORDINANCES OF THE CITY OF FREDERICKSBURG, THE DROUGHT CONTINGENCY PLAN OF THE CITY OF FREDERICKSBURG TO ESTABLISH A PURPOSE, DEFINITIONS, PERMANENT REQUIREMENTS, RESTRICTIONS AND LIMITATIONS ON WATERING, OUTLINING STAGES OF DROUGHT RESPONSE STAGES ESTABLISHING EXEMPTIONS, PROVIDING FOR ENFORCEMENT, VARIANCES AND AN EFFECTIVE DATE..

WHEREAS, the City Council of the City of Fredericksburg has determined that its existing Drought Contingency Plan should be replaced and amended as follows for the purposes and to meet the goals herein established in order to better meet the goals of the City in conserving water promoting the more efficient use of existing water resources and systems, and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FREDERICKSBURG, TEXAS THAT Chapter 47 OF THE CODE OF ORDINANCES OF THE CITY OF FREDERICKSBURG BE AND IS HEREBY REPLACED AND AMENDED AS FOLLOWS:

SEE ATTACHED CHAPTER 47 SECTIONS 47-41 THROUGH 47-54

-----End of Code Text-----

Severability / Invalidity.

If any provision of this ordinance or the application hereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without defeating the purpose or objective of the provisions, and to this end, the provisions of this ordinance are declared to be severable.

Repealer

All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed. In particular, the existing ordinance portion of the Drought Contingency Plan for the City is amended in its entirety as set forth herein.

This ordinance shall take effect from and after May 1, 2014 after its publication in accordance with law.

PASSED AND APPROVED this the 7th day of April, 2014.

Jeryl Hoover, Mayor
City of Fredericksburg

ATTEST:

Shelley Britton, City Secretary

APPROVED AS TO FORM:

Pat McGowan, City Attorney

Sec. 47-41 - Declaration of policy, purpose, and intent.

Sec. 47-42 - Authorization

Sec. 47-43 - Application.

Sec. 47-44 - Definitions.

Sec. 47-45 - Permanent requirements.

Sec. 47-46 - Restrictions and exemptions

Sec. 47-47 - Triggering criteria for initiation and termination of drought response stages.

Sec. 47-48 - Stage 1 - mild water shortage.

Sec. 47-49 - Stage 2 - moderate water shortage.

Sec. 47-50 - Stage 3 - severe water shortage.

Sec. 47-51 - Stage 4 - critical water shortage.

Sec. 47-52 - Stage 5 - emergency water shortage.

Sec. 47-53 - Variances.

Sec. 47-54 - Enforcement.

Sec. 47-41 - Declaration of policy, purpose, and intent

(a) In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for Domestic Water Use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Fredericksburg hereby adopts the regulations and restrictions of this article on the delivery and consumption of water.

(b) Water uses regulated or prohibited under this Chapter are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section 47-54 of this Article.

Sec. 47- 42 - Authorization

The City Manager of the City of Fredericksburg, is hereby authorized to implement by proclamation, or terminate, any phase of this Drought Contingency Plan (DCP). The decision to implement or terminate any phase of the DCP by the City Manager, may be overturned by a majority vote of the City Council of the City of Fredericksburg at any regular or special meeting of the City Council.

Sec. 47- 43 - Application

The provisions of this Article shall apply to all utility customers of the City of Fredericksburg (including water and/or sewer utility customers outside of the City Limits of the City), owners and occupants of property within the City limits of the City of Fredericksburg and any person or entity utilizing water in City of Fredericksburg including those persons or entities owning, having or using water wells within the City Limits not connected to the city Utility system.

Sec. 47- 44 - Definitions

The following words, terms and phrases, when used in this division, shall have the meanings ascribed to them in this section except where the context clearly indicates a different meaning:

Aesthetic Water Use - Water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Average Daily Water Demand - The average use of water in a single day expressed in gallons per day calculated by dividing the total volume of water in gallons delivered to the City's water distribution system over a one year period by 365 days.

Buckets - Containers of not more than five (5) gallon capacity.

City Manager - Means City Manager of the City of Fredericksburg, and includes his or her designee.

Commercial and Institutional Water Use - Water use which is integral to the operations of commercial or manufacturing establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation - Those practices, techniques, and technologies that reduce the consumption of water so that a supply is conserved and made available for future use.

Customer - Any person, company, or organization using water supplied by the City of Fredericksburg.

Domestic Water Use - Water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, washing clothes, or for cleaning the interior of a residence, business, industry, or institution.

Drip Irrigation - means a low volume irrigation system that applies water in gallons per hour and saves water by applying water at low-flow levels directly to the soil and the plant's root zone. Such systems include but are not limited to soaker hoses or drip tape hoses which do not exceed ½" in diameter.

Hand-Held - means used or operated while being held in the hand or hands.

Hose - means a common residential garden hose not more than one (1") inch in diameter which includes a positive cut-off nozzle.

Impervious Surface - means patios, pathways and other areas where firm footing is desired, constructed in such a way that does not allow water to penetrate the ground. Examples include, but are not limited to, concrete slabs patios, sidewalks, and driveways, asphalt streets or pavers set with mortar.

Irrigation System - means any water delivery system which delivers water to grass, trees, plants, or any other landscape, whether on a set schedule or not.

Landscape Irrigation Use - Water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, trees, shrubs, golf courses, parks, and rights-of-way and medians.

Low-Flow - Emission device flow rates that are typically measured in gallons per hour (GPH).

Maximum Daily Water Demand - The largest volume of water in gallons delivered to the City's water distribution system in a single day in the preceding 365 days expressed in gallons per day.

Non-Essential Water Use - Water uses that are not essential or required for the protection of public health, safety, and welfare, including:

- (1) Irrigation of landscaped areas, including parks, athletic fields, common areas and golf courses except with the use of reclaimed or effluent water by separate contract with the City of Fredericksburg.
- (2) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle in Stages 1 through 4;

- (3) Use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts or other hard-surfaced areas;
- (4) Use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (5) Flushing gutters or permitting water to run or accumulate in any gutter or street;
- (6) Use of water to fill, refill or add to any indoor or outdoor swimming pools or jacuzzi type pools;
- (7) Use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life without a variance;
- (8) Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (9) Use of water from hydrants for construction purposes or any other purposes other than fire- fighting and flushing of lines to maintain a potable water supply.

Outdoor Irrigation - means supplying water to outdoor areas by any means. Outdoor irrigation may be accomplished only with water from the service/meter on the lot or parcel being irrigated. Wells shall be used to supply water only to the lot or parcel on which they exist.

Person - means any individual, corporation (including a governmental corporation organization, state or federal governmental subdivision or agency, political subdivision of a state, interstate agency or body), business, trust, partnership, association, firm, company, joint venture, commission or any other entity.

Rain Sensor - means a device designed to stop the flow of water to an Irrigation System when rainfall or moisture has been detected. Devices referred to as soil moisture sensor, relative humidity sensor or rain sensor shall qualify as a Rain Sensor for the purposes of this Article.

Waste of Water - means failing to repair a controllable leak, including a broken sprinkler head, a leaking valve, leaking or broken pipes or a leaking faucet. It also includes the following:

- (1) Operating a permanently installed irrigation system with:
 - (a) a broken head,
 - (b) a head that is out of adjustment where the arc of the spray head is over a street, parking area, or other impervious surface or
 - (c) a head that is misting due to high water pressure,
- (2) During irrigation:
 - (a) allowing water to run off a property such that there is a trail of water running in a street, parking area, or other impervious surface for a distance of 50 feet or greater or
 - (b) allowing water to pond to a depth greater than $\frac{1}{4}$ of an inch in a street, parking area, or other impervious surface

Watering Devices - Wherever in this ordinance reference is made to outdoor irrigation, it shall mean any device used for the conveyance of water for the purpose of watering and shall include in any such definition, without limitation, irrigation systems, soaker hoses, drip irrigation or any hose that is hand-held, hand-used whether the same has a nozzle, sprayer, sprinkler device or none. All such devices shall be used only during the days and hours authorized by this Article.

Well Owners - Any person, company or organization using water supplied by a water well located within the city limits of the City of Fredericksburg. Any reference to "Customer" in this division shall also refer to and be applicable to well owners, except where the requirement or prohibition cannot be applicable to well users. All water use restrictions set out in this division shall apply to those using water supplied by a well located within the City of Fredericksburg.

Sec. 47-45 - Permanent Requirements and Exemptions

(a) The regulations of this Chapter shall apply to all utility customers of the City of Fredericksburg (including water and/or sewer utility customers outside of the City Limits of the City), owners and occupants of property within the City limits of the City of Fredericksburg and any person or entity utilizing water in City of Fredericksburg including those persons or entities owning, having or using water wells within the City Limits not connected to the city Utility system.

(b) The restrictions set forth in this Chapter shall not apply to the following uses of water:

- (1) To alleviate conditions threatening health, safety or welfare of the public;

- (2) For municipal operations of flushing water lines and fire lines for public health purposes;
 - (3) For the suppression of fires; and
 - (4) For watering grass or plants using effluent or reclaimed water under a contract or purchase from the City.
- (c) Except as may be modified in a particular Drought Response Stage, Outdoor Irrigation, including Drip Irrigation, hand held watering and watering with buckets is prohibited at any time except between the hours of 5 am to 9 am and 7 to 11 pm on any day. This prohibition below shall be effective during the calendar months of June, July, August and September of each calendar year regardless of whether any other requirements of drought response stages are in force.
- (d) All Irrigation Systems shall have a Rain Sensor as part of the system, and the same shall be maintained and operational at all times. This section shall apply to all Irrigation Systems completed after June 21, 2004.
- (e) Wasting water is prohibited at all times.
- (f) Except as may be modified in a particular Drought Response Stage, all Aesthetic Water Use is permissible at any stage of drought except that outdoor commercial fountains must have a variance in order to operate during drought stages 4 and 5.

Sec. 47-46 – Other restrictions Effective upon Declaration

The restrictions upon water usage provided in Sections 47-48 through 47-52 shall become effective upon declaration by the City Manager of the Drought Response Stage being activated and shall be effective from and after the date provided for in such declaration by the City Manager. Such restrictions shall continue in force until repeal of same by subsequent declaration of the City Manager. Any declaration by the City Manager shall be conclusive of a determination of the existence of a danger to the City's water system. The City Manager's declaration and the measures implemented shall be in accordance with the provisions of this Chapter.

Sec. 47-47 - Triggering criteria for initiation and termination of drought response stages

(a) The City Manager shall monitor water supply and/or demand conditions shall determine when conditions warrant initiation or termination of each Drought Response Stage, and shall issue a proclamation initiating the appropriate stage. Public notification of the initiation or termination of Drought Response Stages shall be posted on the City's Website which shall serve as the official notification, and other public notification may be by means of direct mail, radio ads, publication in a newspaper of general circulation, direct mail to each customer, signs posted in public places, etc. All Drought Response Stage requirements are in addition to those set forth in Section 47- 45 above.

(b) There are five Drought Response Stages for the City of Fredericksburg:

- Stage 1 - Mild Water Shortage
- Stage 2 - Moderate Water Shortage
- Stage 3 - Severe Water Shortage
- Stage 4 - Critical Water Shortage
- Stage 5 - Emergency Water Shortage

Each stage will be triggered and terminated based upon the City Manager's evaluation of the severity of three criteria: 1) on the Local Drought Index, 2) on high service pumping capacity for pumps that transfer water from the City's well fields or other sources to its distribution system and 3) on the decrease in well field production capacity.

Various stages are triggered based on the stage of the Local Drought Index, the percentage of time the well fields are being pumped to provide water supply and the loss of pumping capacity from the high service pump stations. The Local Drought Index is comprised of four data points: 1) the average water levels from the two City wells where heaviest pumpage occurs for municipal and irrigation demands, 2) average daily flow from the Pedernales River measured from a consistent designated gauging station, 3) the prior ten (10) month cumulative rainfall amounts recorded by the City at Lady Bird Johnson Park, and 4) the Palmer Hydrological Drought Index for the Edwards Plateau. The Index values, and generally corresponding, Drought Response Stages are:

Local Drought Index

-1

-2

Drought Stage

Stage 1 – Mild

Stage 2 – Moderate



-3	Stage 3 – Severe
-4	Stage 4 – Critical
-5	Stage 5 – Emergency

A detailed description of the requirements of each Drought Response Stage is below.

Sec. 47-48 - Stage 1 – Mild Water Shortage

- (a) **When required:** The requirements of Stage 1 are automatically effective without City Manager Proclamation between June 1 and September 30 of each year, and are voluntary the remainder of the year unless specifically proclaimed by the City Manager.
- (b) **Goal:** Five (5%) percent reduction in Average Daily Water Demand or ten (10%) reduction in the Maximum Daily Water Demand.
- (c) **Requirements:** Outdoor Irrigation may occur only between the hours of 5:00 am to 9:00 am and 7:00 pm to 11:00pm. The day of week restrictions do not apply to the irrigation of commercial plant nurseries; however, these establishments shall curtail all Non-essential water use.

Sec. 47-49 - Stage 2 - Moderate Water Shortage

- (a) **When required:** When the City Manager determines that Stage 1 conditions and commensurate water reduction goals have not been met or that the reductions in use are not otherwise sufficient based upon the criteria described above.
- (b) **Goal:** Ten (10%) percent reduction in the Average Daily Water Demand or twenty (20%) percent reduction in the Maximum Daily Water Demand.
- (c) **Requirements:**
 - (1) All requirements of Stage 1 shall remain in effect during Stage 2 except as set forth in this Section.
 - (2) Outdoor Irrigation may occur only between the hours of 5:00 am to 9:00 am and 7:00 pm to 11:00 pm on the schedule below based on the last digit of the street address:

- a. 1 or 2 the irrigation day is Monday and Saturday
- b. 3 or 4 the irrigation day is Tuesday and Saturday
- c. 5 or 6 the irrigation day is Wednesday and Sunday
- d. 7 or 8 the irrigation day is Thursday and Sunday
- e. 9 or 0 the irrigation day is Friday and Sunday

The day of week restrictions do not apply to the irrigation of commercial plant nurseries; however, these establishments shall curtail all Non-essential water use.

(3) Washing impervious cover such as parking areas, driveways, streets, sidewalks, tennis courts, patios, or other paved areas, except to alleviate immediate health or fire hazards is prohibited.

(4) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment is prohibited except such washing may occur on residentially zoned properties once per week on Saturday or Sunday as long as there is no water waste, and further except the washing of vehicles or mobile equipment when conducted on the immediate premises of a commercial carwash or a commercial service station. Furthermore, this restriction does not apply to the washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment (such as garbage trucks and vehicles to transport food and perishables) when the washing is necessary on a more regular and frequent basis in order to protect the health, safety and welfare of the public. Charity carwashes are prohibited.

The washing, when allowed, must be done with a hand-held bucket or hand-held hose equipped with a positive shutoff nozzle for quick rinses. The washing of each individual automobile, truck, trailer, boat, airplane or any other type of mobile equipment in violation of the terms and conditions of this restriction constitutes a separate violation under this article.

Sec. 47-50 - Stage 3 - Severe Water Shortage

(a) **When required:** When the City manager determines that Stage 2 conditions and commensurate water reduction goals have not been met or that the reductions in use are not otherwise sufficient based upon the criteria described above.

(b) **Goal:** Fifteen (15%) percent reduction in the Average Daily Water Demand or twenty-five (25%) percent reduction in the Maximum Daily Water Demand.

(c) **Requirements:**

(1) All requirements of previous stages shall remain in effect during Stage 3 except as set forth in this Section.

(2) Outdoor Irrigation may occur only between the hours of 5:00 am to 9:00am and 7:00 pm to 11:00 pm on the following schedule below based on the last digit of the street address:

- a. 1 or 2 the irrigation day is Monday
- b. 3 or 4 the irrigation day is Tuesday
- c. 5 or 6 the irrigation day is Wednesday
- d. 7 or 8 the irrigation day is Thursday
- e. 9 or 0 the irrigation day is Friday

The day of week restrictions do not apply to the irrigation of commercial plant nurseries; however, these establishments shall curtail all nonessential water use.

(3) The watering of the ground around foundations to prevent foundation cracking is permitted only during times designated for Outdoor Irrigation except when watering to protect foundations is accomplished by a drip irrigation system or a hand-held hose. A drip irrigation system or hand-held hose may be used to water the ground around foundations to prevent foundation cracking at any time.

(4) Hotels, motels and other lodging must institute, offer and clearly notify guests of a "linen/towel change on request only" program.

Sec. 47-51 - Stage 4 - Critical Water Shortage

(a) **When required:** When the City manager determines that Stage 3 conditions and commensurate water reduction goals have not been met or that the reductions in use are not otherwise sufficient based upon the criteria described above.

(b) **Goal:** Twenty (20%) percent reduction in the Average Daily Water Demand or forty (40%) percent reduction in the Maximum Daily Water Demand.

(c) **Requirements:**

(1) All requirements of stage 3 shall remain in effect during stage 4 except as set forth in this Section.

(2) All Outdoor Irrigation may occur only by any approved watering method between the hours of 7:00 pm to 11:00 pm on the following schedule below based on the last digit of the street address:

- a. 1 or 2 the irrigation day is Monday
- b. 3 or 4 the irrigation day is Tuesday
- c. 5 or 6 the irrigation day is Wednesday
- d. 7 or 8 the irrigation day is Thursday
- e. 9 or 0 the irrigation day is Friday

The day of week restrictions do not apply to the irrigation of commercial plant nurseries; however, these establishments shall curtail all nonessential water use.

3) Outdoor Irrigation by means of Drip Irrigation, watering with a Hand-held Hose or by Buckets may be prohibited, at the discretion of the City Manager if specifically included in his or her declaration.

(4) *City council may implement further water rationing*

Notwithstanding the foregoing, Fredericksburg City Council may implement a water rationing program if the above actions do not achieve the water reduction goals. The rationing program shall contain specific reduction amounts for each customer class. By way of example, but not by way of limitation, water use for each customer class could be limited as follows:

Single-family residential customers and master-metered multi-family residential customers: to one half of the customer's average usage for corresponding month's billing period for the previous 12 months. (50% reduction.)

Commercial and industrial customers: to 75 percent of the customer's average usage for corresponding month's billing period for the previous 12 months (25% reduction.)

(5) *City council may institute water surcharges*

The City Council may institute in addition or as an alternative to the limitation on water usage described above water surcharges for usage over allocated customer class amounts. Surcharges could be added to customers' bills where usage is more than allocated amounts and shall be cumulative.

(6) The filling or refilling of water in privately owned swimming, wading and jacuzzi-type pools is prohibited. Water may be added to pools to replace water lost due to use or evaporation on designated outdoor water use days.

(7) The watering of golf course tees and fairways is prohibited unless the golf course utilizes treated wastewater effluent or other water sources than provided by the City of Fredericksburg potable water system.

(8) Bulk sales of water for purposes other than potable consumption and sanitation are prohibited.

Sec. 47-52 - Stage 5 - Emergency Water Shortage

(a) **When required:** When the City manager determines that Stage 4 conditions and commensurate water reduction goals have not been met or that the reductions in use are not otherwise sufficient based upon the criteria described above.

(b) **Goal:** Thirty-five (35%) percent reduction in the Average Daily Water Demand or fifty (50%) percent reduction in the Maximum Daily Water Demand.

(c) **Requirements:**

(1) All requirements of stage 4 shall remain in effect during stage 5 except as set forth in this Section. The City Manager shall implement one or more of the following water use restrictions:

(2) All Outdoor Irrigation, including Drip Irrigation, Hand Held watering and watering with buckets is prohibited at all times.

(3) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited at all times.

- (4) The filling, refilling or adding of potable water to private swimming, wading or Jacuzzi-type pools is prohibited.
- (5) Aesthetic water use is prohibited.
- (6) Non-essential water use is prohibited.
- (7) No applications for new, additional, expanded or increase-in-size water service connections, meters, service lines, pipeline extensions, mains or water service facilities of any kind shall be allowed or approved.
- (8) In the event of system failure or contamination, the City Manager will manage the city of Fredericksburg limited water supply by requiring such measures as are necessary to maintain public health and safety, including elimination of service to part or all of the water system.

Sec. 47- 53 - Variances

(a) A review committee may be established annually or as needed by the City Manager. The review committee will be appointed by the City Manager to review hardship and special cases that cannot strictly comply with this Article to determine whether the cases warrant a variance.

(b) The review committee shall make its determination no later than the fifth working day after receipt of a request: A variance may be for a period of no longer than one year, subject to the provisions of (e) below, and granted only for reasons of economic hardship. In this section, economic hardship means a threat to an individual's or business' primary source of income, new construction or the like. Inconvenience or the potential for damage to an individual's or business' landscaping, including newly planted lawns may be classified as an economic hardship only under stages 1 through 3. For newly planted lawns, the committee shall use the following watering schedule for new landscape. Watering of newly seeded or sodded lawns or newly planted trees, shrubs or landscape plants will be allowed no more frequently than on the following schedule:

(A) Days 1-14 from planting: three times per day every day of such period at any time of day.

(B) Days 15-28 from planting: twice per day every day of such period at any time of day.

(c) Until the review committee has acted on an application, the applicant must comply with all provisions of this chapter.

(d) If the review committee determines that there is an economic hardship or other valid reason for a variance, the committee shall authorize the implementation of equitable water use restrictions by the applicant that further the purposes of this Article. The special water use restrictions authorized by the committee in each special or hardship case must be set forth on the face of the variance. If the variance is granted, the applicant must keep a notice of the variance in a location that is visible to the public.

(e) A variance issued by the review committee under one Stage of the restrictions becomes invalid on implementation of a subsequent stage. A variance expires under its own terms and conditions or when another stage of the restrictions is in effect. A separate application for a variance must be submitted at each stage, unless a single variance is granted with separate conditions applicable to separate stages.

(f) Any person or entity that is issued a variance must provide proof of the variance on demand by any peace officer, code enforcement officer or other person authorized by the City to enforce this article. On conviction of a recipient of a variance for violating any provision of this Article, the review committee may revoke any variance previously granted. The committee shall notify the recipient of the proposed revocation five working days before taking the action, and a recipient must be given the opportunity to be heard by the committee before it takes action.

Sec. 47- 54 - Enforcement

(a) It shall be unlawful for any person or entity to criminally negligently violate or cause or permit another person or entity to violate any restrictions or provisions of this article. Any person or entity who violates any of said restrictions or provisions shall be subject to penalties as provided in Section 1-6 of this Code of Ordinances for health and safety violations.

(b) Each day that one or more of the provisions in this Article is violated shall constitute a separate offense.

(c) If a person is convicted of three or more distinct violations of this Article, the City Manager, shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services

discontinued under such circumstances shall be restored only upon payment of a reconnection charge, hereby established at \$200.00, and any other costs incurred by the City of Fredericksburg in discontinuing or reestablishing service. In addition, suitable assurance must be given to the City Manager that the same action shall not be repeated.

(d) Alternatively, a billing surcharge of 25 percent of the amount of the bill for the month in which violation occurred will be added to the total bill provided for the property upon which the violation occurred but shall not exceed the maximum amount of fines allowable under section (a) above. The City Manager shall provide notice of violation to the City Water utility customer upon whose premises the violation occurred to the name and address listed on the water customer list of the City. Such customer shall have ten days to present evidence contrary to the existence of a violation to the City Manager, and all determinations of the existence or nonexistence of a violation by the City Manager will be conclusive.

(e) Any person or entity who or which is convicted of violating this Article, or to whom or to which a surcharge has been charged more than two times in one calendar year shall be fined by the court or charged on the next ensuing utility bill, as applicable, not less than \$250.00 or one half of the maximum fine or surcharge (subject to the limitation stated above) for any subsequent offense, whichever is higher.

(f) Any person, including a person who is the customer for City water utility billing, in apparent control of the property where a violation occurs or originates shall be rebuttably presumed to be responsible for compliance with the provisions of this Article; Parents shall be presumed to be responsible for violations of their minor children; and proof that a violation committed by a child occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but —it is a defense to conviction if such parent proves that he/she had previously directed the child not to use the water as it was used in violation of this Article, and that the parent could not have reasonably known of the violation.

For the purposes hereof, the person, persons, or entities shown on the Tax Appraisal Rolls of the Gillespie County Central Appraisal District shall be rebuttably presumed to be the owner of the property in his, her or its name and shall be responsible for compliance with the provisions of this Article. The registered agent, according to the records of the Secretary of State of the State of Texas, or other state of incorporation, shall be responsible for compliance with

the provisions of this Article for all entities registered with the Secretary of State of the State of Texas or other state of incorporation.

(g) Compliance with this Article may also be sought through injunctive relief in the district court.

(h) Specific notice from the City to any such person or entity is not required prior to enforcement, and the giving of such notice in any particular case shall not waive this provision.

(i) Any code enforcement officer or police officer of the City of Fredericksburg may issue a citation to and or charge a person he/she reasonably believes to be in violation of this Article.



CITY COUNCIL MEMO

DATE: April 7, 2014

TO: Mayor and City Council

FROM: Kent Myers, City Manager

SUBJECT: Parking Ordinance

Summary:

The attached parking ordinance has been revised based upon comments received from several Council members and local citizens over the past two months.

Recommendation:

It is recommended that the Council have the first reading on this ordinance and direct staff to make any changes prior to the second reading of this ordinance in two weeks.

Background / Analysis:

Several months ago, Annette Loth presented information and photos showing the increasing problem we are experiencing with parking larger vehicles on public streets and unimproved private property for extended periods of time. This includes parking of RVs and large trucks which often remain on public streets for several weeks or more.

②1

The City of Fredericksburg

When the initial ordinance was proposed, a number of comments were received from the Council and local citizens. Since that time, the ordinance has been revised several times in an effort to address the current problems in residential neighborhoods without causing a major impact to local residents.

The recent comments from the City Council focused on Section 44-225 (parking on public property). Therefore, we have added language to this section pertaining to RVs and trailers used for construction purposes. With regard to RVs, the new proposed language allows them on the street for up to 3 days (72 hours). With regard to trailers used for construction purposes, the new language includes a provision that allows these vehicles as long as they are attached to a permitted vehicle. It also allows them if they are used actively for loading or unloading or if they are parked during daylight hours.

Please review the revised ordinance carefully and offer any additional comments and proposed revisions at Monday's meeting.

4/3/14

ORDINANCE NO. _____

AN ORDINANCE AMENDING CHAPTER 44, TRAFFIC AND MOTOR VEHICLES, ARTICLE VI, STOPPING, STANDING AND PARKING, SECTION 44-224, PARKING ON APPROVED SURFACES AND IN APPROVED SPACES, ADDING SECTION 44-225 PARKING ON PUBLIC PROPERTY, STREETS, RIGHTS OF WAY, ALLEYS, OR OTHER PUBLIC EASEMENTS IN OR BORDERING RESIDENTIALLY ZONED AREAS OF THE CODE OF ORDINANCES OF THE CITY OF FREDERICKSBURG PROVIDING LIMITATION ON PARKING IN ALL AREAS OF THE CITY AND GREATER LIMITATIONS ON PARKING IN RESIDENTIALLY ZONED AREAS OF THE CITY AND AMENDING CHAPTER 14, ENVIRONMENT, ARTICLE II, UNSIGHTLY OR INSANITARY ACCUMULATIONS- PUBLIC NUISANCE ADDING SECTION 14- 19 (b) TO PROVIDE THAT IT IS A NUISANCE TO USE A VEHICLE FOR THE STORAGE OF TRASH; PROVIDING FOR PENALTIES, AND SETTING AN EFFECTIVE DATE.

WHEREAS, The City Council has determined that the parking of vehicles such as large commercial vehicles, tractors, trailers and the like over sidewalks, in yards, long term in certain residential areas, and recreational vehicles and boats under the circumstances herein defined is detrimental to the orderliness, of the City, that parking of the same in the streets can cause a safety hazard in certain areas, and that the same need to be regulated; and

WHEREAS, the City Council of the City of Fredericksburg has determined that the following regulations should be adopted to further the health, safety and welfare of the citizens of the City of Fredericksburg; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FREDERICKSBURG, TEXAS THAT THE FOLLOWING ORDINANCE BE AND IS HEREBY ENACTED AND THAT SECTION 44-224 BE AMENDED, THAT SECTION 44-225 BE ADDED AND THAT SECTION 14-19 (b) BE ADDED AND EXISTING 14-19 (b) BE RE-NUMBERED TO BE SECTION 14-19 (c) ALL OF THE CODE OF ORDINANCES OF THE CITY OF FREDERICKSBURG AS FOLLOWS:

Chapter 44

TRAFFIC AND MOTOR VEHICLES

Article VI Stopping, Standing and Parking

Sec. 44-224 Parking on approved surfaces and in approved spaces.

(a) The following provisions apply to property which is not publically owned, which is not a street or right of way, alley or public easement:

(1) It is declared to be a nuisance and is unlawful for any person to park, store, allow to remain, or permit another to park, store or allow to remain a motor vehicle as defined in the Transportation code of the State of Texas, or any boat, trailer, recreational vehicle or camper whether operative or not, or whether containing all of its parts or not, on any property, other than on an All Weather Surface for parking of the size and material as set forth in Section 7.860 of this Code of Ordinances and as described below.

(2) All Weather Surface, for the purpose hereof shall mean a solid surface, asphalt, gravel-on-base material, concrete, concrete pavers or other approved material pavers, all constructed in accordance with city standards and compliant with the total allowed impervious cover permitted for the particular property. Provided, however, in addition to any other limitations, no residentially zoned property may contain an All Weather Parking surface of more than fifty (50%) of the front yard of the property.

(3) All Weather Surfaces for parking shall be maintained in good and safe conditions, and shall be free of defects affecting the use, safety, appearance or drainage of the Improved Surface or the adjoining property.

(4) It is a defense to this section that the vehicle was so parked:

(A) during daylight hours (defined as: 7 am on one day and 8 pm on the same day,)

(B) for the purpose of construction on the property in question, or

(C) for an emergency (defined as any occurrence or set of circumstances involving actual or imminent physical trauma or property damage or loss that demands immediate action.)

The following provisions apply to property which is publically owned, which is a street or right of way, alley or public easement:

(5) It is declared to be a nuisance and is unlawful for any person to park, store, allow to remain, or permit another to park, store or allow to remain a motor vehicle as defined in the Transportation code of the State of Texas, or any boat, trailer, recreational vehicle or camper of any description, whether operative or not, or whether containing all of its parts or not, so as to extend into any sidewalk, public right of way or easement unless properly parked in approved parking spaces or areas.

(6) It is a defense to prosecution under this section (b) that the vehicle or trailer was so parked:

(A) because of an emergency (defined as any occurrence or set of circumstances involving actual or imminent physical trauma or property damage or loss that demands immediate action,) or

(B) for the purpose of construction on the property in question, if it was necessary to do so.

44- 225 Parking on public property, streets, rights of way, alleys, or other public easements in or bordering residentially zoned areas.

(a) It is declared to be a nuisance and is unlawful for any person to park, store, allow to remain or permit another to park, store or allow to remain any tractor (farm or otherwise), other heavy equipment, semi-tractor/trailer, bus with over twelve person capacity, truck over 30,000 Gross Vehicle Weight, or any parts thereof, in or bordering a

residentially zoned area, within publically owned property, a street, right of way, alley or public easement. It is a defense to prosecution under this section that the defined item was so parked:

(1) during daylight hours (defined as: 7 am on one day and 8 pm on the same day,)

(2) actively being utilized in the loading or unloading of material, goods or passengers, or

(3) because of an emergency (defined as any occurrence or set of circumstances involving actual or imminent physical trauma or property damage or loss that demands immediate action.)

(b) It is declared to be a nuisance and is unlawful for any person to park, store, allow to remain or permit another to park, store or allow to remain any truck which is 30,000 Gross Vehicle Weight or less, construction/work trailer, farm trailer, boat trailer, or any parts thereof, within publicly owned property, a street, right of way, alley or public easement in or bordering a residentially zoned area unless the same is attached at all times to a working, currently licensed and permitted vehicle such as a truck (30,000.00 GVW or less), car or van. It is a defense to prosecution under this section that the defined item was so parked:

(1) during daylight hours (defined as: 7 am on one day and 8 pm on the same day,)

(2) actively being utilized in the loading or unloading of material, goods or passengers, or

(3) because of an emergency (defined as any occurrence or set of circumstances involving actual or imminent physical trauma or property damage or loss that demands immediate action.),

(c) It is declared to be a nuisance and is unlawful for any person to park, store, allow to remain or permit another to park, store or allow to remain any recreational vehicle, or camper, or any parts thereof, within publicly owned property, a street, right of way, alley

or public easement in or bordering a residentially zoned area. It is a defense to prosecution under this section that the defined item was so parked:

- (1) during daylight hours (defined as: 7 am on one day and 8 pm on the same day,)
- (2) actively being utilized in the loading or unloading of material, goods or passengers,
- (3) parked because of an emergency (defined as any occurrence or set of circumstances involving actual or imminent physical trauma or property damage or loss that demands immediate action), or
- (4) for no longer than seventy two (72) hours.

Chapter 14

ENVIRONMENT

ARTICLE I. IN GENERAL

Sec. 14-19 Public nuisance declared.

(b) It shall be unlawful for any person or entity who shall own or occupy any property in the City to use or allow the use of a vehicle, boat, trailer, recreational vehicle, container, part of a vehicle or trailer or other vehicle attachment for the storage of junk, trash and/or debris or for housekeeping, living or sleeping quarters not normally associated with the intended use of the said item. It is a defense to prosecution under this section that the same was used for the collection of construction debris or materials during a construction project on the property upon which the item is placed.

Sec. 14-19 (b) beginning: "For the purposes hereof....., the following definitions are used:" is hereby re-numbered to be Sec. 14-19 (c.)

Other than as hereinabove set out, all sections and parts of sections not changed shall remain as written.

-----End of Code Text-----

Severability / Invalidity.

If any provision of this ordinance or the application hereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without defeating the purpose or objective of the provisions, and to this end, the provisions of this ordinance are declared to be severable.

Repealer.

All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Penalties.

Penalties provided for in the Code Ordinances of the city of Fredericksburg shall apply to violations hereof.

This ordinance shall take effect from and after the date of its passage and publication in accordance with the law.

PASSED AND APPROVED this the _____ day of April, 2014.

Jeryl Hoover, Mayor
City of Fredericksburg

ATTEST:

Shelley Britton, City Secretary

APPROVED AS TO FORM:

Pat McGowan, City Attorney



CITY COUNCIL MEMO

DATE: April 7, 2014

TO: Mayor and City Council

FROM: Clinton Bailey, P.E., Director of Public Works and Utilities

SUBJECT: Engineering Services Agreement - Relief Route

Summary:

During the 2014 budget process, the City Council approved \$25,000 in the Street Department budget to secure contract services for preliminary engineering guidance and direction related to the development of a relief route around Fredericksburg. On March 18th, the Technical Subcommittee of the Relief Route Task Force interviewed two engineers, Tom Turk of M&S Engineering and Greg Haley of KC Engineering. The Technical Subcommittee presented its recommendation to hire Greg Haley with KC Engineering to the Relief Route Task Force during their regular meeting on March 20th. The Relief Route Task Force voted unanimously to present their recommendation to the City Council for hiring Greg Haley of KC Engineering for a not to exceed amount of \$24,000 to provide engineering services related to the development of a relief route around Fredericksburg.

Recommendation:

City Engineering Staff recommends approval of the Relief Route Task Force's recommendation to hire Greg Haley of KC Engineering to perform services outlined in the attached Engineering Services agreement for a not to exceed amount of \$24,000.

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The City of Fredericksburg

Background / Analysis:

The Technical Subcommittee of the Relief Route Task Force has reached a point in its efforts where the group feels it needs guidance and direction from a professional engineer with significant experience in the development of projects such as the proposed relief route around Fredericksburg. Engineering Services needed at this time consist of a consultant providing the following level of support to the Relief Route Task Force:

1. Consult, advise and provide guidance to the Task Force on issues related to the project as requested
2. Attend Task Force meetings and other meetings with City Staff and the project stakeholders as requested
3. Respond to questions, inquiries and other requests for information as requested
4. Other tasks as requested by the Task Force or City Staff

Overall, Greg Haley is being recommended by the Task Force due to his experience and familiarity with TXDOT project development processes, his lengthy and deep working relationship across the TXDOT organization and his direct working experience in and familiarity with Fredericksburg. Greg Haley's resume is attached to provide more detail on his experience and qualifications.



The City of Fredericksburg



KC ENGINEERING, INC.

705 North Hwy 281 Plaza 1, Suite 103 • Marble Falls, Texas 78654 • Phone 830.693.5635 • Fax 830.693.9664 • www.haleynelson.com

March 25, 2014
Proposal Number: 14-111

Mr. Clinton Bailey, P.E.
Director of Public Works and Utilities
City of Fredericksburg
126 W Main Street
Fredericksburg, TX 78624

Dear Mr. Bailey:

K.C. Engineering, Inc. (KCE) presents the following proposal to The City of Fredericksburg (the Client) for Engineering Services to be performed in connection with the planned Relief Route (the project). The Engineering Services (Scope of Work) will be:

- Consult, advise and provide guidance to the Task Force on issues related to the project as requested
- Attend Task Force meetings and other meetings with City Staff and the project stakeholders as requested
- Respond to questions, inquiries and other requests for information as requested
- Other tasks as requested by the Task Force or City Staff

The fee for the Engineering Services will be on a time and expense basis in accordance with the attached 2014 Rate schedule with a not to exceed amount of \$24,000 without written authorization from the Client.

If you concur with the Engineering Services and fee basis as proposed herein, please sign in the space below and return to KCE.

Thank you for the opportunity to provide this proposal. If you have any questions or comments, please feel free to contact me at (830) 693-5635.

Sincerely,
K.C. Engineering, Inc.
Firm Registration #: F-977


By:
Greg Haley, P. E.
President

GH/
Attachment – 2014 Rate Schedule

If the terms and conditions presented in this proposal are acceptable, please sign below to authorize commencement of the Engineering Services. By signing below, the signatory certifies the authority to sign this Agreement and be bound by its terms.

Client/Representative Signature

(31)

Date



K.C. ENGINEERING, INC.

705 N Hwy 281, Suite 103 • Marble Falls, TX 78654 • Tel: 830.693.5635 • Fax: 830.693.9664 • www.kcengineering.com

2014 RATE SCHEDULE

The Client will be billed for any service provided on a Time and Expense basis in accordance with the rate schedule set forth below:

Expert Witness	\$ 250.00	per hour
Senior Project Manager	\$ 160.00	per hour
Project Engineer/Manager	\$ 125.00	per hour
Engineer-in-Training	\$ 100.00	per hour
Engineering Technician	\$ 65.00	per hour
Clerical	\$ 50.00	per hour
Delivery	\$ 35.00	per hour
Mileage	\$ 0.730	per mile

Client will be billed for purchased services and expendable supplies at the actual cost of said services plus 10%. Purchased services may include, but are not limited to: reproduction, printing and copying; third party delivery services; document acquisition; telephone; travel and subsistence; miscellaneous fees; and, contracted services. All other costs not provided for directly herein, shall be billed at cost plus 10%.

Plans, specifications, and other documents reproduced, printed, and/or copied internally shall be billed as:

8-1/2" x 11"	\$0.15 each
8-1/2" x 14"	\$0.25 each
11" x 17"	\$1.50 each
24" x 36"	\$7.50 each
Other	\$1.50 per square foot

Plans, specifications and other documents printed by a commercial printer, shall be billed at cost plus 10%.



GREG HALEY, P.E. K.C. ENGINEERING, INC.

Education -

Bachelor of Science, Civil Engineering –
University of Texas at Austin (1978)

Registration -

Professional Engineering Licensure
Texas No. 52292 (1982)

Professional Experience -

January 2000 – Present
President, K.C. Engineering, Inc.

May 1999 – January 2000
President, Haley Engineering, Inc.

October 1998 – May 1999
Sultemeier Surveying

October 1985 – October 1998
Texas Department of
Transportation –
Area Engineer

May 1978 – October 1985
Texas Department of
Transportation –
Senior Resident Engineer

Greg Haley, P.E., is President and CEO of K.C. Engineering, Inc. with over 30 years of engineering experience including administration, planning, analysis, design and project management in the areas of transportation, wastewater collection design, waterline design, hydrology, hydraulics, water quality, and land development.

Greg has extensive experience in transportation projects as the Area Engineer for the TxDOT Austin District, Burnet Area Engineer Office for 13 years. Greg was responsible for administration, planning, design, construction and maintenance for all of Burnet, Blanco, Llano, Gillespie, and Mason Counties and portions of Hays, Travis and Williamson Counties (over 1,850 centerline miles of highway – 3,950 lane-miles).

Greg was responsible for the engineering design and project management of the \$25,000,000 RM 620 Bridge Project and the highway design of RM 620 from SH 71 to RM 2222 with a combined total construction cost in excess of \$50,000,000.

A partial list of projects under Greg's direction are:

» RM 620.....	\$50,000,000
» FM 1187	\$2,400,000
» FM 156.....	\$4,800,000
» SH 71	\$3,200,000
» SH 16	\$2,500,000
» SH 29	\$1,800,000
» RM 1431.....	\$7,600,000
» The Manzano Mile.....	\$7,400,000
» Hospital Utilities.....	\$8,000,000

(33)



GREG HALEY, P.E. K.C. ENGINEERING, INC.

QUALIFICATIONS:

TxDOT Precertifications:

- 3.1.1 Route Studies & Schematic
Design - Minor Roadways
- 3.2.1 Route Studies & Schematic
Design - Major Roadways
- 3.4.1 Minor Bridge Layouts
- 3.5.1 Major Bridge Layouts
- 4.1.1 Minor Roadway Design
- 4.2.1 Major Roadway Design
- 8.1.1 Signing, Pavement Marking
And Channelization
- 10.1.1 Hydrologic Studies
- 10.2.1 Basic Hydraulic Design
- 11.1.1 Roadway Construction,
Management And Inspection
- 11.2.1 Major Bridge Construction
Management And Inspection

Municipal and Private:

- Site Development Plans
- Subdivision Design
- Street Design
- Water Line Design
- Wastewater Line Design
- Water Quality Design
- Detention Pond Design
- Drainage Studies
- Project Management

» Annexation Services	\$2,800,000
» 50th Street.....	\$2,200,000
» Mormon Mill Road.....	\$4,400,000
» Pecan Valley Bridge.....	\$1,100,000
» SH 71 & RM 1431 Turn Lanes	\$700,000
TOTAL.....	\$98,900,000

From 2005 through 2010 Greg was the Official City Engineer for the City of Marble Falls. His responsibilities were the oversight of all engineering-related matters affecting the City. As City Engineer, Greg directed the engineering analysis and design of all infrastructure projects identified by the City Council and incorporated into its Capital Improvements Plan (CIP). In the development of the CIP, he was responsible for the development of all preliminary estimates that became the basis for the issuance of Certificates of Obligation to finance the CIP. In the instance of the 2007 Bond Program alone, the bond amount was over \$21,000,000.

Greg directed the preliminary planning for Housing and Urban Development (HUD) Community Development Block Grants administered by the then-Office of Rural Community Affairs (ORCA), now the Texas Department of Rural Affairs (TDRA).

Greg directed Project Management services K.C. Engineering, Inc. provided to the City of Marble Falls. Those services included daily construction inspection, maintenance of project records including diaries, work completed daily, and monthly pays estimates, and other duties as required. Greg also served as the City's liaison to property owners that were affected by ongoing construction activities.

Greg supervised the authoring of various manuals and publications prepared by K.C. Engineering, Inc. including:

- » City of Marble Falls Non Point-Source Pollution Manual
- » City of Marble Falls Drainage Criteria Manual
- » City of Marble Fall Technical Construction Manual
- » City of Burnet Drainage Criteria Manual

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CITY COUNCIL MEMO

DATE: April 7, 2014

TO: Mayor and City Council

FROM: Clinton Bailey, P.E., Director of Public Works and Utilities

SUBJECT: Consider Rates for Electric Car Charging Station

Summary:

This item is for the consideration of adopting an ordinance setting the rates for City of Fredericksburg electric vehicle charging stations (first reading).

The City of Fredericksburg recently installed a dual electric car charging station at 120 West San Antonio Street. The City's monetary contribution to the project was \$1500.00.

To purchase power through the charge station to charge an electric vehicle, the consumer must activate the charger by entering a code into the unit. Codes are generated by the consumer using a third-party vendor smartphone application. Charge rates are set by the City and are typically based on a flat rate per hour. The City contracts with the third-party smart phone application vendor to manage their account for a small fee, typically \$5.00 per month. Revenue for the use of the City's charge station is received from the third-party vendor on a monthly basis.

Recommendation:

(35)

The City of Fredericksburg

City Staff recommends that the City Council consider adopting an ordinance setting the rates for City of Fredericksburg electric vehicle charging stations at \$2.00 per hour with a maximum charging time of 4 hours.

Background / Analysis:

Rates for electric vehicle charging stations are typically based on a cost per hour of charge basis. Rates vary from flat rates in the \$1.50-\$3.00/hour range to tiered rate structures typically in the range of \$1.50-\$2.00/hour for the first hour and \$2.00-\$3.00 for subsequent hours with a maximum charge time of 4-5 hours.



The City of Fredericksburg

ORDINANCE NO. _____

ORDINANCE AMENDING THE SCHEDULE OF RATES FOR THE CITY OF FREDERICKSBURG ELECTRIC, LIGHT AND POWER DISTRIBUTION SYSTEM TO ADD A RATE FOR ELECTRIC VEHICLE CHARGING , REPEALING INCONSISTENT PROVISIONS AND SETTING AN EFFECTIVE DATE.

WHEREAS, the City Council of the City of Fredericksburg has, through its Electric Utility Service, begun to offer charging stations for electric vehicles, and that a rate should be established for such service.

WHEREAS, the City Council has determined that the following rates should be enacted,

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FREDERICKSBURG, TEXAS THAT Article 11.702 of the Code of Ordinances of the City of Fredericksburg be and is hereby partially amended to add subsection (g) as follows:

11.702 Rates

11.702 RATE FOR ELECTRIC VEHICLE CHARGING

(g) VEHICLE CHARGING

RATE: Two and no/100 dollars (\$2.00) per hour.

MAXIMUM CHARGING TIME: Four hours per charging session.

-End of Code Text -

The remainder of all other provisions regarding the electric rate charges of City of Fredericksburg will remain in full force and effect, except as amended by this ordinance.

If any provision of this ordinance or the application hereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without defeating the purpose or objective of the provisions, and to this end, the provisions of this ordinance are declared to be severable.

All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

The Schedule of Rates set forth above is hereby adopted and fixed as the rates which shall be charged commencing upon the adoption of this ordinance and its publication in accordance with law.

PASSED AND APPROVED this the__ day of April , 2014.

Attest:

Jeryl Hoover, Mayor, City of
Fredericksburg

Shelley Britton, City Secretary

APPROVED:

Pat McGowan, City Attorney

11.702 RATES

(a) RESIDENTIAL SERVICE ELECTRIC RATE SCHEDULE R RATE 1

The City shall charge and collect for residential electric energy on the bases of the availability, application, character of service, monthly rate, power cost recovery, minimum charge, tax adjustment, and payment clauses of this tariff.

AVAILABILITY:

This schedule is available throughout the entire territory served by the City of Fredericksburg.

APPLICATION:

This schedule is applicable to all electric service for domestic residential purposes to individual (single family) private residences and multi-family residences or apartments served through a single meter, and which have not more than four (4) living units. Any residential use containing more than four (4) living units shall be billed under the commercial rate classes unless each unit has a separate meter.

CHARACTER OF SERVICE:

Service under this schedule shall be alternating current, 60 Hertz, single phase, at the City's option of standard available voltages. Where more than one meter is utilized for this service, each shall be computed separately for building services.

Where, in the opinion of the City, a customer's usage characteristics of service under this schedule do not conform with usual residential service characteristics due to the customer's installation of demand intensive equipment, including but not limited to electric motors and nonstandard water heating devices, demand meters may be installed by the City on any installation serviced under this schedule.

MONTHLY RATE:

Customer Charge:	\$8.00	
Energy Charge:		
Distribution:	\$0.0105	(All kWh per month)
PCRF:	See Sheet No. 6.1	(All kWh per month)

(Continued on Sheet No. 1.2)

(Continued from Sheet No. 1.1)

POWER COST RECOVERY:

The Power Cost Recovery Factor (PCRF) shall be calculated in accordance with the formula specified in the City's purchase power cost recovery factor clause, which is incorporated by reference as a part of this rate schedule. (See "Purchase Power Cost Recovery Factor Clause" beginning on Sheet No. 6.1).

TAX ADJUSTMENT:

The amount computed at the above monthly rate, as adjusted by the application of the monthly purchase power cost adjustment clause, shall be subject to taxes, assessments, and surcharges imposed by any governmental authority, these charges being assessed on the basis of meters or customers or the price of or revenues from electric energy or service sold or volume of energy generated or purchased for sale or sold.

PAYMENT:

The above rates are net. In the event that the current monthly bill is not paid by the tenth (10th) day of the month, the gross rates, which are ten (10) percent higher than the net rates, shall apply.

INTERRUPTION OF SERVICE:

The City will make reasonable provisions to insure satisfactory and continuous service, but does not guarantee a continuous supply of electrical energy and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by an act of God, or the public enemy, or for any cause reasonably beyond its control, including, but not limited to, the failure or breakdown of generating or transmitting facilities, floods, fire, strikes, or action or order of agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in generation equipment or transmission and distribution systems.

The customer shall notify the City immediately of any defects, trouble or accident which may in any way affect the delivery of power by the City to the customer.

**(b) GENERAL SERVICE NON-DEMAND ELECTRIC
RATE SCHEDULE COMMERCIAL/SECONDARY
RATE 2**

The City shall charge and collect for Secondary with less than 300 kW demand electric energy on the bases of the availability, application, character of service, monthly rate, power cost recovery, minimum charge, tax adjustment, and payment clauses of this tariff.

AVAILABILITY:

This schedule is available throughout the entire territory served by the City of Fredericksburg.

APPLICATION:

This schedule is applicable to all business, commercial and income producing electric service (including residential with one meter and over four -4- living units) exclusively for lighting, power, and any other purpose served through a single meter with a maximum annual demand which has occurred during the most recent 12 month period of less than 300 kW for which no other specific rate schedule is applicable.

CHARACTER OF SERVICE:

Service under this schedule shall be single phase or three phase, 60 Hertz, alternating current at the City's option of standard voltages. Where more than one meter is utilized for this service, each shall be computed separately for billing purposes.

MONTHLY RATE:

Customer Charge:	\$25.00	
Energy Charge:		
Distribution:	\$0.0093	(All kWh per month)
PCRF:	See Sheet No. 6.1	(All kWh per month)

POWER COST RECOVERY:

The Power Cost Recovery Factor (PCRF) shall be calculated in accordance with the formula specified in the City's purchase power cost recovery factor clause, which is incorporated by reference as a part of this rate schedule. (See "Purchase Power Cost Recovery Factor Clause" beginning on Sheet No. 6.1).

(Continued on Sheet No. 2.2)

(Continued from Sheet No. 2.1)

TAX ADJUSTMENT:

The amount computed at the above monthly rate, as adjusted by the application of the monthly purchase power cost adjustment clause, shall be subject to taxes, assessments, and surcharges imposed by any governmental authority, these charges being assessed on the basis of meters or customers or the price of or revenues from electric energy or service sold or volume of energy generated or purchased for sale or sold.

PAYMENT:

The above rates are net. In the event that the current monthly bill is not paid by the tenth (10th) day of the month, the gross rates, which are ten (10) percent higher than the net rates, shall apply.

INTERRUPTION OF SERVICE:

The City will make reasonable provisions to insure satisfactory and continuous service, but does not guarantee a continuous supply of electrical energy and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by an act of God, or the public enemy, or for any cause reasonably beyond its control, including, but not limited to, the failure or breakdown of generating or transmitting facilities, floods, fire, strikes, or action or order of agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in generation equipment or transmission and distribution systems.

The customer shall notify, the City immediately of any defects, trouble or accident which may in any way affect the delivery of power by the City to the customer.

**(c) LARGE POWER ELECTRIC/LARGE SECONDARY
RATE SCHEDULE LP
RATE 3**

The City shall charge and collect for large power electric energy on the bases of the availability, application, character of service, monthly rate, adjustment, minimum charge, determination of billing demand, power factor adjustment, primary service discount, tax adjustment, and payment clauses of this tariff.

AVAILABILITY:

This schedule is available throughout the entire territory served by the City of Fredericksburg.

APPLICATION:

This schedule is applicable to all business, commercial and income producing electric service (including residential with one meter and over four -4- living units) required for lighting, power, any other purpose served through a single meter with a maximum annual demand which has occurred during the most recent 12 month period of 300 kW or greater for which no other specific rate schedule is applicable.

CHARACTER OF SERVICE:

Service under this schedule shall be single phase or three phase, 60 Hertz, alternating current at standard available voltage. Where more than one meter is utilized for this service, each shall be computed separately for billing purposes, unless installed by the City for reliability and/or capacity requirements.

MONTHLY RATE:

Customer Charge: \$1000.00

Energy Charge:

Distribution: \$0.0068 (All kWh per month)

PCRF: See Sheet No. 7.1

POWER COST RECOVERY:

The Power Cost Recovery Factor (PCRF) shall be calculated in accordance with the formula specified in the City's purchase power cost recovery factor clause, which is incorporated by reference as a part of this rate schedule. (See "Purchase Power Cost Recovery Factor Clause" beginning on Sheet No. 6.1). Or, In the event the account qualifies as a city "Key Account," as defined by the then existing regulations of the Lower Colorado River Authority, the Power Cost Recovery Factor (PCRF) shall be a direct pass through of all purchased power cost incurred by the wholesale power supplier, Lower Colorado River Authority. Purchase power cost will be determined in accordance with the City's Key Account Pass-Through Power Cost Recovery clause, which is incorporated by reference as a part of this rate schedule. (See "Key Account Pass-Through Power Cost Recovery" beginning on Sheet No. 7.1).

(Continued on Sheet No. 3.2)

(Continued from Sheet No. 3.1)

TAX ADJUSTMENT:

The amount computed at the above monthly rate, as adjusted by the application of the monthly purchase power cost adjustment clause, shall be subject to taxes, assessments, and surcharges imposed by any governmental authority, these charges being assessed on the basis of meters or customers or the price of or revenues from electric energy or service sold or volume of energy generated or purchased for sale or sold.

PAYMENT:

The above rates are net. In the event that the current monthly bill is not paid by the tenth (10th) day of the month, the gross rates, which are ten (10) percent higher than the net rates, shall apply.

INTERRUPTION OF SERVICE:

The City will make reasonable provisions to insure satisfactory and continuous service, but does not guarantee a continuous supply of electrical energy and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by an act of God, or the public enemy, or for any cause reasonably beyond its control, including, but not limited to, the failure or breakdown of generating or transmitting facilities, floods, fire, strikes, or action or order of agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in generation equipment or transmission and distribution systems.

The customer shall notify the City immediately of any defects, trouble or accident which may in any way affect the delivery of power by the City to the customer.

**(d) SECURITY LIGHTING ELECTRIC
RATE SCHEDULE SL**

The City shall charge and collect for private security lighting electric energy on the bases of the availability, application, character of service, monthly rate, adjustment, minimum charge, determination of billing demand, power factor adjustment, primary service discount, tax adjustment, and payment clauses of this tariff.

AVAILABILITY:

This schedule is available throughout the entire territory served by the City of Fredericksburg.

APPLICATION:

Power under this schedule is available for service to one hundred and seventy-five (175) watt or four hundred (400) watt security lights installed and maintained by the City for customers at their request. Customer will be required to contract for this service for a period to be determined by the City.

CHARACTER OF SERVICE:

Alternating current service, either series or multiple system or in combination at option of distributor.

MONTHLY RATE:

Customer Charge:	175 watts or smaller	\$7.50
	175 watts and <400 watts	\$17.50
	Larger than 400 watts	\$22.50

POWER COST RECOVERY:

The Power Cost Recovery Factor (PCRF) shall be calculated in accordance with the formula specified in the City's purchase power cost recovery factor clause, which is incorporated by reference as a part of this rate schedule. (See "Purchase Power Cost Recovery Factor Clause" beginning on Sheet No. 6.1).

TAX ADJUSTMENT:

The amount computed at the above monthly rate, as adjusted by the application of the monthly purchase power cost adjustment clause, shall be subject to taxes, assessments, and surcharges imposed by any governmental authority, these charges being assessed on the basis of meters or customers or the price of or revenues from electric energy or service sold or volume of energy generated or purchased for sale or sold.

(Continued on Sheet No. 4.2)

(Continued from Sheet No. 4.1)

PAYMENT:

The above rates are net. In the event that the current monthly bill is not paid by the tenth (10th) day of the month, the gross rates, which are ten (10) percent higher than the net rates, shall apply.

INTERRUPTION OF SERVICE:

The City will make reasonable provisions to insure satisfactory and continuous service, but does not guarantee a continuous supply of electrical energy and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by an act of God, or the public enemy, or for any cause reasonably beyond its control, including, but not limited to, the failure or breakdown of generating or transmitting facilities, floods, fire, strikes, or action or order of agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in generation equipment or transmission and distribution systems.

The customer shall notify the City immediately of any defects, trouble or accident which may in any way affect the delivery of power by the City to the customer.

**(e) STREET LIGHTING ELECTRIC
RATE SCHEDULE ST.L**

The City shall charge and collect for street lighting electric energy on the bases of the availability, application, character of service, monthly rate, adjustment, tax adjustment, and payment clauses of this tariff.

AVAILABILITY:

This schedule is available throughout the entire territory served by the City of Fredericksburg.

APPLICATION:

Power under this schedule is available for service to lights installed, owned and maintained by the City.

CHARACTER OF SERVICE:

Alternating current service, either series or multiple system or in combination at option of distributor.

MONTHLY RATE:

Energy Charge:

Distribution:	\$0.0000	(All kWh per month)
PCRF:	See Sheet No. 6.1	(All kWh per month)

POWER COST RECOVERY:

The Power Cost Recovery Factor (PCRF) shall be calculated in accordance with the formula specified in the City's purchase power cost recovery factor clause, which is incorporated by reference as a part of this rate schedule. (See "Purchase Power Cost Recovery Factor Clause" beginning on Sheet No. 6.1).

TAX ADJUSTMENT:

The amount computed at the above monthly rate, as adjusted by the application of the monthly purchase power cost adjustment clause, shall be subject to taxes, assessments, and surcharges imposed by any governmental authority, these charges being assessed on the basis of meters or customers or the price of or revenues from electric energy or service sold or volume of energy generated or purchased for sale or sold.

PAYMENT:

The above rates are net. In the event that the current monthly bill is not paid by the tenth (**10th**) day of the month, the gross rates, which are ten (10) percent higher than the net rates, shall apply.

(Continued on Sheet No. 5.2)

(Continued from Sheet No. 5.1)

INTERRUPTION OF SERVICE:

The City will make reasonable provisions to insure satisfactory and continuous service, but does not guarantee a continuous supply of electrical energy and shall not be liable for damage occasioned by interruptions of service or failure to commence delivery caused by an act of God, or the public enemy, or for any cause reasonably beyond its control, including, but not limited to, the failure or breakdown of generating or transmitting facilities, floods, fire, strikes, or action or order of agency having jurisdiction in the premises, or for interruptions which are necessary for inspection, repair, or changes in generation equipment or transmission and distribution systems.

The customer shall notify the City immediately of any defects, trouble or accident which may in any way affect the delivery of power by the City to the customer.

(f) PURCHASE POWER COST RECOVERY FACTOR

APPLICATION:

To all rate tariffs: The following formula shall be used to calculate the monthly rate component PCRF.

MONTHLY RATE:

The monthly purchase power cost recovery factor (PCRF) shall consist of several components to be calculated as follows:

Power Cost Recovery Factor:

$$\text{PCRF} = \frac{\text{LCRATAD} + \text{CFT}}{\text{LCRAKWH} \times (1-L)}$$

Where:

LCRATAD = Lower Colorado River Authority monthly wholesale billing total amount due.

LCRAKWH = Lower Colorado River Authority monthly wholesale total adjusted metered consumption.

CFT = City of Fredericksburg total monthly transmission cost from non-LCRA providers.

L = City's lost and unaccounted for energy factor as most recently determined by the City.

(g) KEY ACCOUNT PASS-THROUGH POWER COST RECOVERY**APPLICATION:**

To rate tariff LP (Rate 3): The following formula shall be used to calculate the monthly rate component KA.

MONTHLY RATE:

The monthly Key Account Power Cost Pass-Through (KA) shall consist of several components to be calculated as follows:

Key Account Power Cost Pass-Through:

$$KA = \frac{LCRAKATAD + CFT}{LCRAKAKWH}$$

Where:

LCRAKATAD = Lower Colorado River Authority monthly individual City of Fredericksburg Key Account Customer billing amount due.

LCRAKWH = Lower Colorado River Authority monthly individual City of Fredericksburg Key Account Customer adjusted metered consumption.

CFT = City of Fredericksburg Key Account Customer allocated monthly transmission cost from non-LCRA providers.



CITY COUNCIL MEMO

DATE: April 2, 2014

TO: Mayor and City Council

FROM: Brian Jordan, AICP

SUBJECT: Presentation by Design Workshop on Comprehensive Plan Update.

Summary:

The City selected Design Workshop from Austin to assist us in the update of the Comprehensive Plan. Since Council approved the selection in February, we have been finalizing the contract and project scope and they are ready to start the project. A kick-off meeting will be held with staff on Monday, April 7, followed by a presentation to the Council Monday evening.

Recommendation:

No action will be necessary by the City Council. However, please feel free to provide comments or ask questions of the consultants.

Background / Analysis:

Attached, please find a Project Description provided by the consultants. This includes the various phases of the project along with a tentative schedule.

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The City of Fredericksburg

PROJECT DESCRIPTION

Design Workshop will provide the City of Fredericksburg professional services for the preparation of an Update to the City's Comprehensive Plan that was adopted in January 2006. The Update will be a supplemental and separate document from the existing Comprehensive Plan. The only specific sections of the plan that will be updated will be the following:

- Hiking/Biking Trails Plan – The plan is intended to identify linkages to major community sites, such as schools parks, museums, University Center and downtown area. This Plan would also include a final sidewalk plan that would provide a linkage between our sidewalks and any future trails that would be developed.
- Plan for Entryway Features – One of the goals in the 2006 Plan was the establishment of “community design features and development patterns at the community’s edge that communicate one’s arrival into Fredericksburg.”
- Design Standards – The existing Comprehensive Plan recommends that “the City should consider design standards or guidelines to address additional key areas of the community.” This includes design along major corridors, design for tourism-related developments and design of buildings adjacent to the historic district. The development of these design standards could be incorporated with the design of entryway features to provide some consistency.

SCOPE OF SERVICES

Unless otherwise stated, all deliverables are created in a standard Microsoft Office, ESRI or Adobe Creative Suite software at a standard size of 8 1/2" X 11" and will be provided to the client as a PDF.

Phase 1 – Project Kick Off (March)

Phase 1 ensures that the process is thoughtfully planned from the beginning. Introductions will be made, communication channels will be established, and a baseline understanding of the community will be achieved. All of this will be completed by working with the staff on a detailed scope and schedule, identifying the Citizen Advisory Committee and the Technical Advisory Committee, holding a kick off meeting, and conducting a community tour.

The Citizen Advisory Committee (CAC) will be determined by the City with guidance from the Design Workshop team and should include neighborhood representatives, business leaders, service providers, and individuals involved in the growth and development of Fredericksburg. These members often play a role in multiple community groups such as the Historic Review Board, Planning & Zoning Commission, Transportation / Hazard Mitigation Committee, Fredericksburg Chamber of Commerce, Leadership Fredericksburg and others.



This group will provide ongoing leadership throughout the process of developing the comprehensive plan by relaying information and comments between the Design Workshop team, the City and stakeholders.

A Technical Advisory Committee will also be assembled for the project that will include technical experts at the City, County or other local/state/federal agencies in the fields of transportation, environment, economic development, housing, etc. The TAC may draw from the Development Services, Parks & Recreation, Public Works and Utilities, the State of Texas Department of Transportation, and others as deemed necessary. This group will meet early in the process to identify sources of data and will be used later in the process to verify analysis of existing conditions and evaluate scenarios, policies, and strategies for viability in Fredericksburg. During the development of the draft policies and implementation strategies, the Technical Advisory Committee will contribute input and review language to ensure it is reasonable and actionable.

A Strategic Kick Off (SKO) is a strategic workshop convened at the beginning of an effort to align a project team around the purpose and organization of a project. It is a crucial gathering of minds to lead project content and delivery and to anticipate what is necessary to direct a successful outcome. The SKO with staff and advisory committees will ensure the team is familiar with the issues; understands additional opportunities and constraints; is aware of entities and individuals collaborating with the City including the various committees involved in the project; is clear about the scope, schedule and budget; and has developed complete Project Management Plans and Stakeholder Engagement Strategy (SES).

The SES will ensure a high level of communication throughout the process by considering early the best methods of informing and involving the stakeholders about the update to the Comprehensive Plan. By creating consensus, we will ensure the plan is well-received thereby increasing the likelihood of smooth implementation. The SES will provide details about stakeholder education, advertising and stakeholder outreach. Using traditional outreach techniques such as press releases and public notice will not be enough to engage a community as diverse as Fredericksburg. We propose to use several different forms of social media including a MindMixer project website and other social media such as Facebook to provide outreach for events and plan progress. The SES will identify a project name and logo (such as the "Fredericksburg's Gateways and Connections"). The SES will help the team create and sustain a message platform that will proactively communicate the vision, benefits, progress, and impact of the update to the Comprehensive Plan to the City of Fredericksburg's constituents.

From the SKO, the Design Workshop team will develop a working draft of a vision statement. It is intended that this will evolve over the remainder of the project, but will indicate the



performance measures used to evaluate scenarios in future phases. A vision statement will describe the desired state of the community at the end of the planning horizon (to be determined at the SKO). This description should focus on the social, environmental, economic, and physical design conditions of Fredericksburg.

The Design Workshop team will arrange a 1-day tour of Fredericksburg to be introduced to existing conditions, develop a comprehensive photo catalogue of the community, and verify base information gathered from other sources. The tour will occur on the same day as the SKO. The staff and advisory committees will be invited to join the team on the tour. During the tour, the group may meet with technical specialists and community leaders in the field to hear and see firsthand the issues that may influence the outcomes of the comprehensive plan. All of this will be in an effort to develop a strong understanding of the opportunities and challenges.

Deliverables:

Deliverable 1: Project Management Plan

Deliverable 2: SKO and Community Tour Agenda, Presentation Materials and Summary

Deliverable 3: Stakeholder Engagement Strategy

Deliverable 4: Vision Statement

Meetings:

Meeting 1: SKO and Tour of the Community

Phase 2 - Baseline Analysis (April)

Building on the draft goals identified by the CAC in the last phase, the baseline and existing conditions analysis phase of the project serves three purposes. One is to inform the facilitation and visioning processes by identifying key areas on which to get community input. Second, the data will be valuable in the development of the comprehensive plan. Last, it will provide a benchmark against which future progress can be measured and celebrated. After completion of the SKO, tour of the community, and issues identification, the Design Workshop team will use current and available data to complete an analysis of the following:

- Physical conditions such as environmental systems, infrastructure and development patterns;
- Circulation patterns;
- Current design standards;
- Growth projections including the surrounding area;
- Build-out potential;



- Limits to growth; and
- Visual character assessment.

The first step in the process is to gather and assemble the facts in order to understand the issues and opportunities surrounding the project. The Design Workshop team will work with the Technical Advisory Committee and the City to gather information regarding the issues. In addition, the Design Workshop team will assemble all digital data into one clearinghouse that can be used for project purposes. Finally, the team will review, analyze and map relevant background materials. This information will provide a valuable baseline against which to evaluate recommendations and implementation progress.

Goals are project-specific objectives collectively set by the Citizen Advisory Committee, consultant team, and staff to achieve a comprehensive outcome.

The goals and metrics will be based on the initial Critical Success Factors, Vision Statement and technical analysis. They keep the project and team accountable by providing something from which to evaluate results. Metrics are used initially to create a Comprehensive Plan with demonstrated success at accomplishing community desires, thus generating 'ownership' of the plan by all project participants. These same metrics are used after the planning process to implement the plan incrementally by harnessing growth and change to achieve the community vision. A successful outcome is far less likely to be achieved without strongly worded goals and the use of metrics.

The Technical Advisory Committee will be consulted in this phase of the project. This will allow the Design Workshop team to test assumptions and discuss potential data sources early in the process. At the conclusion of this phase, the Citizen Advisory Committee will review the Baseline Analysis Conditions.

Deliverables:

Deliverable 5: Baseline Analysis Summary

Deliverable 6: Goals and Metrics

Deliverable 7: TAC Meeting Agenda, Presentation Materials and Summary

Deliverable 8: CAC Meeting Agenda, Presentation Materials and Summary

Meetings:

Meeting 2: TAC Meeting

Meeting 3: CAC Meeting



Phase 3 – Concept Development (May)

The centerpiece of our stakeholder engagement process is the development of a vision. The Visioning Workshop serves three purposes. One is to allow the community to clearly articulate values and brainstorm potential strategies for achieving the vision. Second, is to use the baseline analysis to evaluate possible futures. Last, it will provide an opportunity to gain buy-in on the preferred vision for the future of Fredericksburg.

Efforts will be made to recruit community members to a citywide workshop where participants will work together to generate future land use alternatives. Real-world examples will be given for each land use type, so that participants will understand the character of development implied, and the affect it could have on their community. The visioning process uses ‘keypad polling’ to make the process transparent and provide an equal voice to all participants.

We have employed these types of workshops successfully in projects throughout the U.S. Our philosophy is that citizens understand the issues and often have the best solutions – they just need the tools to articulate their ideas. These workshops are fun and engaging events for participants and in every project, we hear how satisfied citizens, stakeholders, staff, and elected officials are with the workshop process and its results.

Understanding the opportunities and challenges associated with each strategy enables the team (Citizen Advisory Committee, Technical Advisory Committee, consultant team and staff) to make informed decisions about strategies to pursue. The method by which we evaluate strategies stems from the issues identified by the community, Critical Success Factors, challenges, vision, goals and metrics. The evaluation of possible strategies is simplified by the rigorous pursuit in previous steps to define the key issues, goals and metrics.

The Technical Advisory Committee and the Citizen Advisory Committee will be consulted prior to the Visioning Workshop. Assumptions will be evaluated and preferences for a Preferred Alternative will be discussed at this meeting.

Deliverables:

Deliverable 9: Visioning Workshop Agenda, Presentation Materials and Summary

Deliverable 10: CAC Meeting Agenda, Presentation Materials and Summary

Meetings:

Meeting 4: Visioning Workshop

Meeting 5: CAC Meeting



Phase 4 – Draft Plan (June and July)

During this phase of the process, the complete draft will be prepared. The Design Workshop team will provide their individual expertise to each section. It will be vetted with the staff at key points in the process.

It is important that the final principles and policies of the plan reflect directly to the identified issues from the community so that there is transparency across the process. Strategies are developed to move the City toward the shared vision. These may include strategies that consider land use, urban design, sustainability, circulation, - always with an eye toward promoting livability and economic vigor for Fredericksburg.

The Design Workshop team will also identify in the plan the agencies, organizations, and groups with key roles in the plan implementation and identify their specific responsibilities. Due to the in-depth involvement of these organizations throughout the process, it is expected that we will achieve 100 percent buy-in on the actions needed for its implementation. A practical understanding of the resources available for each group will ensure that the action items and phasing strategy are realistic.

Each layer of the plan will include a phased action plan including a timeline, phasing strategy and possible funding source. We will ask the questions: What opportunities and challenges are associated with implementing the plan? What are some specific and achievable conclusions of the plan? What will shape the physical development of the city? How can we continue to keep the community committed to the effort? Where will funding come? What departments from the city will be working with the planners? We will develop a long-term and sustainable strategy for implementation dissecting the roles and responsibilities of the City, County, other government agencies, nonprofits and private business owners.

In addition to ensuring the content meets the challenges facing the City, Design Workshop will work to ensure that the update is a user-friendly “workbook” that can be easily updated over time. Sections will be submitted to the staff for review and comment at the 30, 60, and 90 percent phases and on a rotating schedule as defined in Phase I.

At the conclusion of this phase, the Citizen Advisory Committee will review the Draft Plan. The Design Workshop team’s proximity will allow us to spend the needed time with the CAC to instill confidence in their approved draft.

Deliverables:

Deliverable 11: Draft Comprehensive Plan (color, 8.5” x 11”, 30-60 pages in length)

Deliverable 12: TAC Meeting Agenda, Presentation Materials and Summary

Deliverable 13: CAC Meeting Agenda, Presentation Materials and Summary



Meetings:

Meeting 6: TAC Meeting

Meeting 7: CAC Meeting

Phase 5 – Plan Approval Process (July and August)

Our experience proves that if thorough analysis of existing conditions is conducted and communicated to the public, the community is consulted throughout the process, sound goals drive the development of the vision, and the plan is simply and concisely packaged into a usable document, then final adoption is a simple process. We envision the final adoption to include at least one presentation to the City of Fredericksburg (some combination of Planning and Zoning Commission or City Council meetings) during an official public hearing at which point final comments are received. Due to the overwhelming support from the community anticipated after many months of community dialogue, we expect a seamless and speedy adoption process.

Deliverables:

Deliverable 14: Joint City Council and Planning and Zoning Commission Meeting Agenda, Presentation Materials and Summary

Meetings:

Meeting 8: Joint City Council and Planning and Zoning Commission Meeting

Phase 6 – Final Comprehensive Plan (August)

The final plan will be amended one time prior to adoption. This will incorporate comments from the City Council and Planning and Zoning Commission. When conflicting points of view arise, City Council's wishes will be addressed as the final authority on the Comprehensive Plan Update.

Deliverables:

Deliverable 15: Final Comprehensive Plan Update (color, 8.5" x 11," 30-60 pages in length)

Conditions and Exclusions

To start, we'll need you to provide the following information and/or documents:

- Current/previous plan documents affecting pedestrian, bicycle or automobile mobility within the project boundary.
- Current/previous plan documents affecting water, sewer and utilities infrastructure within the project boundary.
- Development/redevelopment plans affecting land uses within the study area.

- Existing geographic information systems data, including but not limited to, topographic conditions, land usage, property lines, easements, utilities, structures and buildings.
- Proposed master plans, plats, architectural, structural, civil engineering, plumbing and electrical engineering, paving, lighting and interiors plans and details for properties within the project boundary (if applicable).
- Previous/current documents or data pertaining to local and regional economic, environmental or demographic trends.

Design Workshop assumes no responsibility for the accuracy of such information or for other professional services provided by the Client. We will not be liable for any errors or omissions therein. If you request that we provide services to obtain or coordinate the compilation of this information we will bill them as Additional Services.

In addition, we expect the client to uphold the following performance standards as it pertains to review cycles or deliverables:

- The City's project manager will consolidate all written comments from the City and other agencies prior to sending them to Design Workshop. The comments will be provided in a Comment Log format provided by Design Workshop.
- If we don't receive the City's comments after 10 days from the transmittal of deliverable, we will assume there are no comments and will proceed with the next task. To delay the process beyond the 10-day review period may result in additional fees.

PROJECT TEAM

We organize projects by team with key responsibilities divided between the Principal-in-Charge and project manager. The team for the Fredericksburg Comprehensive Plan will be:

Principal-in-Charge – Rebecca Leonard

Rebecca Leonard serves as Principal-in-Charge of the Fredericksburg Comprehensive Plan and has primary responsibility for the overall quality and thoroughness of the services.

Project manager – Claire Hempel

Claire Hempel is the project manager for the Fredericksburg Comprehensive Plan. She leads the planning and design efforts. Claire Hempel's responsibilities include coordinating Design Workshop's design team, as well as communication and coordination with all members of the Clients consultant team.





CITY COUNCIL MEMO

DATE: April 2, 2014

TO: Mayor and City Council

FROM: Kris Kneese, P.E., Assistant City Engineer

SUBJECT: WWTP Master Plan Project

Summary:

HDR Engineering and City Staff have been working together to develop the WWTP Master Plan. As part of the project, HDR has provided the City operational and regularity support regarding the WWTP. Additionally, HDR has completed the WWTP Master Plan.

Recommendation:

HDR will give a presentation to City Council on the WWTP Master Plan project.

Background / Analysis:

As part of the WWTP rehabilitation process, City staff proposed creating a good "roadmap" to determine the best approach and treatment technologies available for the WWTP. This "roadmap", in the form of a WWTP Master Plan, will optimize the City's available funds for these projects, create a solution to ensure the treatment process is in compliance with State regulations, plan for future nutrient discharge limits, and give guidance to creating an efficient process at the WWTP.

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In September 2013, the City Council awarded a contract with HDR Engineering to develop a WWTP Master Plan. As part of the project, HDR has provided the City operational and regularity support regarding the WWTP. An HDR operational specialist spent two days at the WWTP analyzing operations, the facilities' equipment, and lab sampling and testing procedures. To summarize HDR's time spent at the WWTP, they provided a technical memo with operational data and recommendations to insure the City stays within the permit limits at the WWTP until completing the WWTP rehabilitation project.

Additional, HDR and City Staff met with the Texas Commission of Environmental Quality (TCEQ) in Austin to discuss the WWTP Master Plan, WWTP discharge permit renewal, and other past and future items at the WWTP. The meeting with TCEQ was invaluable, as the City will be working closely with TCEQ in the future with the permit renewal process and the WWTP rehabilitation project.

HDR has completed the WWTP Master Plan, which includes data acquisition, a regulatory compliance review, condition assessment of the WWTP, unit process and facility alternative evaluation and development, and cost estimating and construction phasing for each improvement.

As part of the Master Plan, HDR performed an evaluation of facility modifications and treatment process alternatives to meet the current permit limits as well as potential future permit limits. As a part of the evaluation of facility modifications, the process capacity of each major existing unit process was evaluated to determine if sufficient capacity exists within each process to handle both current and permitted flow conditions. The six activated sludge process alternatives HDR evaluated to meet current and future permit limits were as follows:

- Alternative 1: Mechanical Aeration in Existing Oxidation Ditch
- Alternative 2: Diffused Aeration in Existing Oxidation Ditch
- Alternative 3: Addition of a Parallel Aeration Basin
- Alternative 4: Chemical Phosphorus Removal
- Alternative 5: Future Biological Nutrient Removal with Existing Oxidation Ditch
- Alternative 6: New Plant Site

To evaluate the alternatives, the alternatives were compared against one another in a pairwise comparison for their ability to meet the project goals. The project goals including minimize capital cost, minimize annual operation and maintenance cost, maximize treatment goal reliability, provide a WWTP with ease of use, decrease energy consumption, provide flexibility to meet future nutrient limits and decrease the potential to trigger a permit modification. The goals were assisted a weighing factor and the alternatives were then evaluated using a pairwise comparison scoring system.

Other major infrastructure improvements that were evaluated in the WWTP Master Plan include:



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- Sludge dewatering process alternatives
- Disinfection and chemical storage improvements
- Site security (fence and gate) improvements, including green landscaping
- Process flow control (RAS/WAS control) modifications
- New administration building
- Improvements to MLSS pumps
- Gravity thickener piping modifications
- Solids dewatering building exhaust repair
- Upgrade to polymer feed system
- Addition of a composite sampler
- Effluent storage pond improvements

A cost estimate, schedule and recommendation of projects will be provided in the presentation.



CITY COUNCIL MEMO

DATE: April 7, 2014

TO: Mayor and City Council

FROM: Kent Myers, City Manager

SUBJECT: Selection of Municipal Court Judge Finalists

Summary:

The City has received 13 applications for the Municipal Court Judge position and each of you have been provided with a copy of these applications.

Recommendation:

It is recommended that, following executive session, the Council select the finalists for the Municipal Court Judge position and designate the date, time and location for the interviews with these finalists.

Background / Analysis:

The current Municipal Court Judge, Joyce Spisak, has announced her resignation effective May 15, 2014. The City advertised for this position in the local newspaper and on the TML website. A total of 13 applications were received. The Council should now review these applications and select the individuals who you would like to interview.

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