STATE OF TEXAS COUNTY OF DENTON CITY OF CORINTH

On this the 2nd day of August 2018 the City Council of the City of Corinth, Texas met in a Workshop Session at the Corinth City Hall at 5:30 P.M., located at 3300 Corinth Parkway, Corinth, Texas. The meeting date, time, place and purpose as required by Title 5, Subtitle A, Chapter 551, Subchapter C, Section 551.041, Government Code, with the following members to wit:

Members Present:

Bill Heidemann, Mayor Sam Burke, Mayor Pro-Tem Tina Henderson, Council Member Lowell Johnson, Council Member Scott Garber, Council Member Don Glockel, Council Member, Arrived at 6:05 p.m.

Members Absent:

None

Staff Members Present:

Bob Hart, City Manager

Kimberly Pence, City Secretary

Cody Collier, Director of Public Works, Park Maintenance, Recreation, and Utility Operations

Shea Rodgers, Technology Services Manager

Helen-Eve Liebman, Planning and Development Director

Jason Alexander, Economic Development Corporation Director

Curtis Birt, Lake Cities Fire Chief

Lee Ann Bunselmeyer, Director of Finance & Administrative Services

Chris Rodriquez, Assistant Finance Director

Jamaine Walker, Controller

Guadalupe Ruiz, Director of Human Resources

Alan Upchurch, City Engineer

Jimmy Gregg, Police Lieutenant

Kevin Tyson, Police Lieutenant

Melissa Cranford, Messer, Rockefeller, & Fort

WORKSHOP BUSINESS AGENDA:

1. Discuss Regular Meeting Items on Regular Session Agenda, including the consideration of closed session items as set forth in the Closed Session agenda items below.

No discussion on Regular Session Agenda items.

2. Receive a report, hold a discussion and give staff direction on the Capital Improvement Projects.

Bob Hart, City Manager - presented the proposed Capital Improvement Plan (CIP).

• To be included in the Capital Improvement Program, the project should cost more than \$50,000 and must have an expected useful life greater than the life-span of any debt used to fund the projects.

- Projects include construction and major renovations of buildings; acquisition of property; improvements to roadways and sidewalks; and the efficient operation of the water, wastewater, and drainage systems.
- Other costs associated with the capital budget can include, but are not limited to, architectural and engineering fees and site development.

When staff and I discussed the CIP we talked about a priority of 1-4. I had spoken to some of the Council on this and you can make adjustments.

Priority I: IMPERATIVE (Must-Do) – Projects that cannot reasonably be postponed in order to avoid harmful or otherwise undesirable consequences.

- A. Corrects a condition dangerous to public health or safety
- B. Satisfies a legal obligation
- C. Alleviates an emergency service disruption or deficiency
- D. Prevents irreparable damage to a valuable public facility.

Priority II: ESSENTIAL (Should-Do) – Projects that address clearly demonstrated needs or objectives.

- A. Rehabilitates or replaces an obsolete public facility
- B. Stimulates economic growth or private capital investment
- C. Reduces future operating and maintenance costs
- D. Leverages available local, state, or federal funding

Priority III: IMPORTANT (Could-Do) – Projects that benefit the community but may be delayed without detrimental effects to basic services.

- A. Provides a new or expanded level of service
- B. Promotes intergovernmental cooperation
- C. Reduces energy consumption
- D. Enhances cultural or natural resources.

Priority IV: DESIRABLE – Desirable projects that are not included within five-year program because of funding limitations.

CIP Summary:

| CAPITAL IMPROVEMENT PROG | GRAM | | | | | FY 2019-202 | 23 |
|-----------------------------|---------------|--------------|--------------|--------------|--------------|---------------|---------------|
| | Proposed | | | Planned | | | |
| Project Title | FY2018-19 | FY2019-20 | FY2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | Total |
| General Fund Capital | | | | | | | |
| Streets | \$ 3,000,000 | \$ 2,100,000 | \$ 1,525,000 | \$ 2,621,000 | \$ 1,598,000 | \$ 11,675,000 | \$ 22,519,000 |
| Parks & Recreation | - | - | - | 490,000 | 950,000 | 1,160,000 | 2,600,000 |
| Technology & Public Safety | 272,000 | 322,000 | 172,000 | 322,000 | 376,000 | - | 1,464,000 |
| | 3,272,000 | 2,422,000 | 1,697,000 | 3,433,000 | 2,924,000 | 12,835,000 | 26,583,000 |
| Utlility Fund Capital | | | | | | | |
| Water | 7,451,000 | - | 90,000 | 800,000 | - | 2,300,000 | 10,641,000 |
| Wastewater | - | 500,000 | 150,000 | - | - | 9,525,000 | 10,175,000 |
| | 7,451,000 | 500,000 | 240,000 | 800,000 | - | 11,825,000 | 20,816,000 |
| Storm Drainage Fund Capital | | | | | | | |
| Storm Drainage | 7,070,000 | - | - | - | - | 500,000 | 7,570,000 |
| | | | | | | | |
| Total | \$ 17,793,000 | \$ 2,922,000 | \$ 1,937,000 | \$ 4,233,000 | \$ 2,924,000 | \$ 25,160,000 | \$ 54,969,000 |

CIP - STREETS

| CAPITAL IMPROVEMENT PRO | GRAM | | | | | | | | | FY | 2019-2023 | | |
|---------------------------------------|----------|---------------|----|-----------|----|-----------|----|-----------|--------------|--------------|---------------|----|------------|
| | Dept | Total | Pr | roposed | | | | | Planned | | | | |
| Project Title | Priority | Project Cost | FY | 2018-19 | F | FY2019-20 | F | Y2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | | Total |
| General Fund Capital | | | | | | | | | | | | | |
| Streets | | | | | | | | | | | | | |
| Lake Sharon/Corinth Parkway Extension | | | | | П | | | | | | | 1 | |
| & Quail Run Reconstruction | 1 | \$ 5,100,000 | \$ | 3,000,000 | \$ | 2,100,000 | \$ | - | \$ - | \$ - | \$ - | \$ | 5,100,000 |
| Cliff Oak Drive | I | 1,525,000 | | | | | \$ | 1,525,000 | | | | | 1,525,000 |
| Walton Drive | III | 1,473,000 | | | | | | | | 1,473,000 | | | 1,473,000 |
| Vintage | III | 125,000 | | | | | | | | 125,000 | | | 125,000 |
| Parkridge Collector Road | III | 2,621,000 | | | | | | | 2,621,000 | | | | 2,621,000 |
| Post Oak Road | IV | 6,475,000 | | | | | | | | | 6,475,000 | | 6,475,000 |
| Shady Shores Road | IV | 3,500,000 | | | | | | | | | 3,500,000 | | 3,500,000 |
| Tower Ridge Drive | IV | 800,000 | | | | | | | | | 800,000 | | 800,000 |
| South Garrison Street | IV | 900,000 | | | | | | | | | 900,000 | | 900,000 |
| | | | | | | | | | | | | | - |
| Subtotal: Streets | | \$ 22,519,000 | \$ | 3,000,000 | \$ | 2,100,000 | \$ | 1,525,000 | \$ 2,621,000 | \$ 1,598,000 | \$ 11,675,000 | \$ | 22,519,000 |

LAKE SHARON / CORINTH PARKWAY EXTENSION AND QUAIL RUN RECONSTRUCTION

Project Description

This project consists of the reconstruction of a two lane asphalt facility to a 4 lane divided greenway minor arterial. The arterial will be constructed of concrete and have a curb and gutter underground drainage system and concrete sidewalks.

Project Justification, Priority Ranking, and Projected Cost

Priority I

\$5,100,000 Projected Cost

History and Comments

With the increase interest in Corinth's undeveloped property, especially the I-35E corridor area along with the recent Millennium project it is important for the City to start planning for the design and construction of the proposed arterial section. This project will connect via an underpass to the west to Lake Sharon to make the Corinth Parkway loop complete. This will help facilitate future traffic demands for our urban core area in the City. It will also help move traffic efficiently in this area when all of the future land uses are in place.

Project Location and Supporting Master Plan

ADDRESS

I35E NBFR to Quail Run Drive

<u>SUPPORTING CITY PLANS</u> Comprehensive Plan/Thoroughfare Plan



Mayor Heidemann - this dollar amount will be financed through debt?

Bob Hart, City Manager - yes. It will be financed through the general fund or the tax rate portion and the waterlines and the elevated storage tank will be financed through the utility fund.

CLIFF OAK DRIVE

Project Description

This project consists of the reconstruction of a two lane asphalt facility to a collector. The collector will be constructed of concrete and have a curb and gutter underground drainage system and concrete sidewalks.

Project Justification, Priority Ranking, and Projected Cost

Priority II
Essential

\$1,525,000 Projected Cost



History and Comments

This roadway has received some increased traffic with the development of the commercial tract to the south that currently has ALDI, Chicken Express and will soon be the future home of North Texas Storage. In addition, a new Fire Station will front onto this roadway across from the Corinth Elementary School and will be its main access. The new Public Safety Building directly south of the new Fire Station on the same lot, will also have its secondary access to Cliff Oak. With the increased activity of local development and two new proposed City Facilities, this roadway will need to be planned for reconstruction of the two lane asphalt roadway to a collector to help facilitate current and future growth.

Project Location and Supporting Master Plan

<u>ADDRESS</u>

South Garrison to Tower Ridge Road

SUPPORTING CITY PLANS
Comprehensive Plan/Thoroughfare Plan



WALTON DRIVE

Project Description

This project consists of the reconstruction of a two lane asphalt facility to a collector. The collector will be constructed of concrete and have a curb and gutter underground drainage system and concrete sidewalks.

Project Justification, Priority Ranking, and Projected Cost

Priority III

\$1,473,000



History and Comments

With the increase interest in Corinth's undeveloped property, especially the I-35E corridor area along with the recent Millennium project it is important for the City to start planning for the design and construction of the proposed arterial section. This project will connect via an underpass to the west to Lake Sharon to make the Corinth Parkway loop complete. This will help facilitate future traffic demands for our urban core area in the City. It will also help move traffic efficiently in this area when all of the future land uses are in place.

Project Location and Supporting Master Plan

ADDRESS

North Corinth Street to Shady Rest Lane

SUPPORTING CITY PLANS
Comprehensive Plan/Thoroughfare Plan





VINTAGE

Project Description

The extension of Vintage Dr. from Glen Aerie Rd to Covington Rd.

Project Justification, Priority Ranking, and Projected Cost

Will improve traffic flow within residential area and to school.

Priority III

\$125,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS

SUPPORTING CITY PLANS



PARKRIDGE COLLECTOR ROAD

Project Description

This project is a new north/south collector road section that will help facilitate the collecting of traffic from the future land uses that are proposed in this undeveloped area. This collector road section will be a 2 lane facility that will connect to the existing Parkridge collector Road at Lake Sharon Drive. The collector road will be constructed of concrete and have a curb and gutter underground drainage system along with a concrete sidewalk.

Project Justification, Priority Ranking, and Projected Cost

Priority III
Important

\$2,621,000 Projected Cost



History and Comments

With the increase interest in Corinth's undeveloped property, especially in the City Center/Terrace Oaks I-35E corridor area it is good planning for the City to start planning for the design and construction of the proposed collector section to help facilitate future traffic demands. It will help move traffic efficiently in this area when all of the future land uses are in place.

Project Location and Supporting Master Plan

<u>ADDRESS</u>

Between Church & Lake Sharon

<u>SUPPORTING CITY PLANS</u> Comprehensive Plan/Thoroughfare Plan



Bob Hart, City Manager - you will see this on the street portion, the water and wastewater side. Parkridge will be designed to be a collector street that will run from Lake Sharon over to Church.

Typically you would have a developer go in and do that when they develop the property. The issue is you have all the multiple landowners through here so the ability for someone to go in and tackle that is almost impossible. What you probably want to think about is putting this in the CIP at some stage. You would want to figure out a way to use some city funds, some developer funds and on the city part, you go back and recover your costs through impact fees or you look at a street assessment program or you do something with a development agreement to get paid back in the future. You may want to start thinking about some kind of an agreement to make this happen at some point in the future. I think it will be incredible difficult and expensive for someone to assemble all that land.

POST OAK ROAD

Project Description

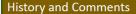
This project consists of the widening of a two-lane facility to a greenway minor arterial that will consists of a 4 lane divided roadway with concrete construction and a curb

Project Justification, Priority Ranking, and Projected Cost

Priority IV Desirable

\$6,475,000

Projected Cost



With the current and future increase in development along Post Oak, it is imperative the City starts planning for the design and construction of the proposed 4 lane divided roadway to help facilitate the current and future traffic demands. It will also eliminate the current bottle neck situation that presently exists. Currently the proposed 4 lane divided roadway bottle necks along Post Oak Drive. This bottle neck is between Robinson Road and Lake Sharon Drive. North of Robinson Road, Post Oak is a 4 lane divided roadway. South of Lake Sharon, Post Oak is also a 4 lane divided roadway.

Project Location and Supporting Master Plan

Between Robinson Road & Lake Sharon

SUPPORTING CITY PLANS Comprehensive Plan/Thoroughfare Plan





SHADY SHORES ROAD

Project Description

This project consists of the reconstruction of a two lane asphalt facility to a collector. The collector will be constructed of concrete and have a curb and gutter underground drainage system and concrete sidewalks.

Project Justification, Priority Ranking, and Projected Cost

Priority IV

Desirable

\$3,500,000 Projected Cost

Gregie

History and Comments

This area carries traffic from multiple jurisdictions including Corinth, Denton, Shady Shores and Lake Dallas. This roadway would have to be a joint effort between those municipalities in order to construct a roadway that would ultimately facilitate traffic flows in this area. Most of this area is built out along Shady Shores in Corinth, but is utilized by our residents that frequent the area schools and other roadways. This construction will also help facilitate an ongoing drainage issue in some low lying areas along Shady Shores in Corinth.

Project Location and Supporting Master Plan

ADDRESS Light Rail to Dalton Drive <u>SUPPORTING CITY PLANS</u> Comprehensive Plan/Thoroughfare Plan



Bob Hart, City Manager - of all the streets that need to be a high priority this should be one of them. The problem with this is part of the street is in Shady Shores, part of it is in the City of Denton and part of it is in Denton County and some here in Corinth.

We have been having discussions with the other 3 Lake Cities about trying to do a Joint Council meeting on October 22, 2018. The primary topic we would like to have on the agenda is transportation. I think that is where this conversation can begin.

TOWER RIDGE DRIVE

Project Description

This project consists of the reconstruction of a two lane asphalt facility to a collector. The collector will be constructed of concrete and have a curb and gutter underground drainage system and concrete sidewalks.

Project Justification, Priority Ranking, and Projected Cost

Priority IV

\$800,000 Projected Cost

Desirable Pro

History and Comments

This roadway is the last section of Tower Ridge that is unimproved. It carries local traffic primary due to the proximity of Corinth Elementary School. This roadway could also receive an increase in trips due to the new Fire Station that will be located east along Cliff Oaks Drive. The construction of the new collector will also help with drainage in the area.





Project Location and Supporting Master Plan

ADDRESS 215' South of Brookview Drive to Cliff Oaks <u>SUPPORTING CITY PLANS</u> Comprehensive Plan/Thoroughfare Plan

SOUTH GARRISON STREET

Project Description

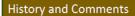
This project consists of the reconstruction of a two lane asphalt facility to a collector. The collector will be constructed of concrete and have a curb and gutter underground drainage system and concrete sidewalks.

Project Justification, Priority Ranking, and Projected Cost

Ranking IV

Desirable

\$900,000 Projected Cost

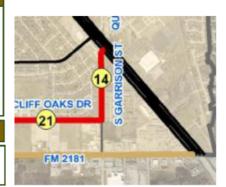


This roadway is the last section of South Garrison that is unimproved. It carries local traffic primary from FM 2181/I-35E to access Cliff Oak Drive, the Fire Administration Building, Fairview Park and Corinth's commercial properties along FM 2181. This roadway could also receive an increase in trips due to the new Fire Station that will be located east along Cliff Oaks Drive. The construction of the new collector will also help with drainage in the area.



ADDRESS

SUPPORTING CITY PLANS
Comprehensive Plan/Thoroughfare Plan



Councilmember Johnson - is that projected cost also include the funds that were escrowed from the apartment complex several years?

Alan Upchurch, Temp City Engineer - that would be the project cost. If there is funds available it would reduce that amount as far as the City's participation.

Parks and Recreaton:

| CAPITAL IMPROVEMENT | PROGR | AM | | | | | FY | 2019-202 3 | ; |
|--------------------------------------|----------|--------------|-----------|-----------|-----------|------------|------------|-------------------|--------------|
| | Dept | Total | Proposed | | | Planned | | | |
| Project Title | Priority | Project Cost | FY2018-19 | FY2019-20 | FY2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | Total |
| General Fund Capital | | | | | | | | | |
| Parks & Recreation | | | | | | | | | |
| Corinth Parkway Street Lighting | II | \$ 490,000 | \$ - | \$ - | \$ - | \$ 490,000 | \$ - | \$ - | \$ 490,000 |
| Field Lights for Multipurpose Fields | I | 550,000 | - | - | - | - | 550,000 | - | 550,000 |
| Additional 14U Baseball Fields | IV | 400,000 | | | | | | 400,000 | 400,000 |
| Additional 12U Baseball Fields | IV | 400,000 | - | - | - | - | 400,000 | - | 400,000 |
| Additional Fast Pitch Softball Field | IV | 400,000 | - | | - | - | - | 400,000 | 400,000 |
| Field Lights for Football | IV | 360,000 | - | | | - | | 360,000 | 360,000 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | - |
| Subtotal: Parks & Recreation | | \$ 2,600,000 | \$ - | \$ - | \$ - | \$ 490,000 | \$ 950,000 | \$ 1,160,000 | \$ 2,600,000 |

Bob Hart, City Manager - we don't have anything proposed in the current fiscal year and they really bounce out in the future years.

CORINTH PARKWAY STREET LIGHTING

Project Description

Installation of street lights along the Corinth Parkway corridor east of I-35 to Quail Run, similar to lighting on the west side of I-35.

Project Justification, Priority Ranking, and Projected Cost

Traffic and pedestrian safety as well as conformity and uniform appearance of our thoroughfares along all of Corinth Parkway and Lake Sharon.

Priority II

\$490,000 Projected Cost



History and Comments

This project would require 20 street light poles at \$13,000 each and approximately \$200,000 for electrical stations and multiple bores from median to median to pull required electrical lines.



Project Location and Supporting Master Plan

ADDRESS Corinth Parkway SUPPORTING CITY PLANS

FIELD LIGHTS FOR MULTIPURPOSE FIELDS

Project Description

Addition of lighting for the multipurpose fields similar to what is currently in place on the neighboring soccer fields.

Project Justification, Priority Ranking, and Projected Cost

Increased requests for field space for associations, field usage agreement holders (i.e. Celtics Soccer) and private field rentals have indicated a benefit to have additional fields with lighting.

Priority II

\$550,000 Projected Cost



History and Comments

The multi purpose fields were constructed by staff in 2012 to accommodate more practice field space requests from all associations. The fields are utilized by baseball, softball, soccer, and misc. field space rentals. Current field usage contract holder is providing their own lighting for the fields, but field lighting would allow for more practice areas for all sport teams.

Project Location and Supporting Master Plan

ADDRESS 3700 Corinth Parkway SUPPORTING CITY PLANS 2015 Strategic Plan, Goal 4 Action 2



ADDITIONAL 14U BASEBALL FIELDS

Project Description

Addition of full size 14U lighted baseball field to assist with growing demand for field space

Project Justification, Priority Ranking, and Projected Cost

Increased requests for field space for associations and private tournament rentals have indicated a benefit to have an additional baseball field.

Priority IV

\$400,000 Projected Cost



History and Comments

The vacant space in the community park was intended for the future placement of additional fields as usage increased. With increased field usage and more tournaments being requested every year, the additional field space would accommodate those requests.



ADDRESS 3700 Corinth Parkway SUPPORTING CITY PLANS 2015 Strategic Plan, Goal 4 Action 2



ADDITIONAL 12U BASEBALL FIELDS

Project Description

Addition of full size 12U lighted baseball field to assist with growing demand for field space. This field addition would complete the baseball complex and reach full building for the baseball field locations

Project Justification, Priority Ranking, and Projected Cost

Increased requests for field space for associations and private tournament rentals have indicated a benefit to have an additional baseball field.

Priority IV

\$400,000 Projected Cost



History and Comments

The vacant space in the community park was intended for the future placement of additional fields as usage increased. With increased field usage and more tournaments being requested every year, the additional field space would accommodate those requests.

Project Location and Supporting Master Plan

ADDRESS 3700 Corinth Parkway SUPPORTING CITY PLANS 2015 Strategic Plan, Goal 4 Action 2



ADDITIONAL FAST PITCH SOFTBALL FIELD

Project Description

Addition of a smaller (child) sized fast pitch lighted softball field to assist with growing demand for field space, and the need for a fast pitch field size.

Project Justification, Priority Ranking, and Projected Cost

Increased requests for field space for associations and private tournament rentals have indicated a benefit to have a fast pitch softball field.

Priority IV

\$400,000 Projected Cost



History and Comments

The community park does not currently have a fast pitch softball field with shorter fence distances for youth. They are using the adult softball fields with removable temporary fences in the outfield to make the correct field size for that application. An additional field would be beneficial for increased field requests and to accommodate more tournaments.

Project Location and Supporting Master Plan

ADDRESS 3700 Corinth Parkway <u>SUPPORTING CITY PLANS</u> 2015 Strategic Plan, Goal 4 Action 2



FIELD LIGHTS FOR FOOTBALL

Project Description

Addition of lighting for the football fields similar to what is currently in place on the neighboring soccer fields.

Project Justification, Priority Ranking, and Projected Cost

Increased requests for field space for associations, field usage agreement holders (i.e. Celtics Soccer) and private field rentals have indicated a benefit to have additional fields with lighting.

Priority IV

Desirable

\$360,000 Projected Cost



History and Comments

Additional field lighting on the current football fields has been requested for use by the soccer association, field usage contract holders, and Lacrosse. Providing this additional space will remove the high demand for use of the soccer game fields.

Project Location and Supporting Master Plan

ADDRESS 3700 Corinth Parkway

<u>SUPPORTING CITY PLANS</u> 2015 Strategic Plan, Goal 4 Action 2



CAPITAL IMPROVEMENT PROGRAM

| | Dept | Total | Proposed | | | Planned | | | |
|--------------------------------------|----------|--------------|------------|------------|------------|------------|------------|--------------|--------------|
| Project Title | Priority | Project Cost | FY2018-19 | FY2019-20 | FY2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | Total |
| General Fund Capital | | | | | | | | | |
| Technology and Public Safety | | | | | | | | | |
| Public Safety Communication | _ | 770,000 | 82,000 | 172,000 | 172,000 | 172,000 | 172,000 | | 770,000 |
| Fire House Station Alerting | 1 | 90,000 | 90,000 | - | | - | | - | 90,000 |
| Fiber Optic Lines (CH to FH2/PW) | II | 150,000 | | 150,000 | | | | | 150,000 |
| Fiber Optic Lines (CH to PSF) | II | 100,000 | 100,000 | | | | | | 100,000 |
| PSF-Covered Parking | II | 150,000 | | | | 150,000 | | | 150,000 |
| Point to Point Microwave (CH to PSF) | Ш | 75,000 | | | | | 75,000 | | 75,000 |
| FH3/Sally Port Epoxy Floor | III | 129,000 | | | | | 129,000 | | 129,000 |
| | | | | | | | | | - |
| | | | | | | | | | - |
| Subtotal: Technology & Public Safety | | \$ 1,464,000 | \$ 272,000 | \$ 322,000 | \$ 172,000 | \$ 322,000 | \$ 376,000 | \$ - | \$ 1,464,000 |

PUBLIC SAFETY COMMUNICATION

Project Description

Motorola will be eliminating the maintenance on our current model radios; both mobiles and portables.

Project Justification, Priority Ranking, and Projected Cost

Public Safety's radio systems are due for replacement in 2021 in order to maintain a radio system that the manufacturer supports. \$300,000 Police (Portables & Motorcycles), Fire (\$336,000 Portables and \$134,000 Mobiles)

Priority I

\$770K Projected Cost

History and Comments

Motorola is phasing out the current model and will stop supporting the repair and replacement of the units we currently use. The life cycle of the units will coincide with the phase out so there will be no impact outside the expected replacement cycle. That being said it will be imperative we transition to the new radio's to ensure our communication system maintains operability.

Project Location and Supporting Master Plan

ADDRESS 3501 F.M. 2181 Supporting CITY PLANS
Safety and Security, Goal 2 Action 2





FIRE HOUSE-STATION ALERTING

Project Description

The Firehouse alerting systems notify the crews when there is an emergency. The System is currently outdated and is not fully functional.

Project Justification, Priority Ranking, and Projected Cost

Upgrades and repairs to the system are being worked on by the Denton County Sheriff's Office; Once the project is completed there will be a need to provide integration with our Firehouse alerting hardware. \$30K x 3 = 90K

Priority I Imperative

\$90K **Projected Cost**

History and Comments

Motorola engineers and County Radio Department have determined the current system is no longer compatible the new radio technology and the Dispatch consoles and procedures. It has been determined that a third-party solution is needed to connect Denton County Dispatch with the LCFD Firehouses to ensure prompt and secure alerting for emergency response.

Project Location and Supporting Master Plan

ADDRESS 3501 F.M. 2181

SUPPORTING CITY PLANS Safety and Security, Goal 2 Action 2



Bob Hart, City Manager - this is being triggered by the dispatch center and will allow the dispatch all 3 fire stations simultaneously.

FIBER OPTIC LINES (CITY HALL TO FIRE STATION 2/PUBLIC WORKS)

Project Description

Technology Services also needs to extend its fiber capability to Fire Station 2 and Public Works. Leasing a dark fiber line from a private firm would connect FS2 to City Hall, at which point, Technology Services would trench an owned fiber optic line from FS2 to the Public Works facility, bringing both buildings into the fiber circuit.

Project Justification, Priority Ranking, and Projected Cost

Priority II Essential

\$150,000 (\$1,200 recurring

Projected Cost)

History and Comments

Bringing all the City's buildings into the fiber network has been a need of Technology Services for several years. The current Charter Metro Ethernet connection provides connectivity between the buildings, but at the current speed of 50 Mbps, the operations at Fire Station 2 and especially Public Works are severely limited. For example, GIS is unusable in the Public Works facility - the bandwidth is simply too low. The traditional approach in Corinth has been to develop localized duplicate services, which is very inefficient and not cost-effective.

Project Location and Supporting Master Plan

ADDRESS Corinth City Hall to Fire Station 2/Public Works SUPPORTING CITY PLANS Strategic Plan





FIBER OPTIC LINES (CITY HALL TO PUBLIC SAFETY FACILITY)

Project Description

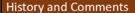
With the completion of the new Public Safety Facility, the Technology Services Department is examining different alternatives to the existing Charter Metro Ethernet connection. The standard connection the City uses operates at 50 Mbps currently. In addition to operating point-to-point microwave radios at either facility as a backup, the Technology Services Department recommends installing a dark fiber link in between the two facilities.

Project Justification, Priority Ranking, and Projected Cost

Priority II

\$100,000

(\$1,200 recurring Projected Cost)



The network usage between the Public Safety Facility and City Hall/City of Denton will continue to grow. The current 50 Mbps connection is nearing its capacity at the new facility, straining under the concentration of users at there. The lower bandwidth prevents a true disaster-recovery model from being implemented between the two facilities. Additionally, there is the issue of data security. The City cannot verify the security of its data, since it is passing through a third party that will not provide network diagrams or participate in data certification processes with the City, such as TLETS, PCI, or HIPAA. Having a City-owned fiber connection between these two points would solve both issues at once.

Project Location and Supporting Master Plan

ADDRESS

Corinth City Hall to Public Safety Facility

SUPPORTING CITY PLANS
Strategic Plan





PUBLIC SAFETY COMPLEX-COVERED PARKING

Project Description

Provide 56 protective/covered parking spaces for City vehicles

Project Justification, Priority Ranking, and Projected Cost

The new facility has no protected parking for City vehicles to keep them from suffering effects of the sun and storms.

Priority II

\$150,000 Projected Cost

Total State of the State of the

History and Comments

The Covered parking structures were outside the budgetary limitations of the construction/remodel project. 56 vehicles at an average cost of \$35,000 each represent a \$1.96 million value on unprotected City property. Two options are Fabric at \$300,000 and metal at \$150,000.

Project Location and Supporting Master Plan

ADDRESS 3501 F.M. 2181 Supporting CITY PLANS
Safety and Security, Goal 2 Action 1



POINT-TO-POINT MICROWAVE (CITY HALL TO PUBLIC SAFETY FACILITY)

Project Description

In addition to the fiber optic connection to the new Public Safety Facility, Technology Services would like to set up a redundant link using point-to-point microwave antennae between City Hall and the Public Safety Facility via the water tower at the Public Works facility. Doing this will ensure that there is always connectivity between the buildings in the event of some fiber damage/disaster. Redundancy would also incidentally be provided to the Public Works facility with this project.

Project Justification, Priority Ranking, and Projected Cost

Priority III

\$75,000 Projected Cost



History and Comments

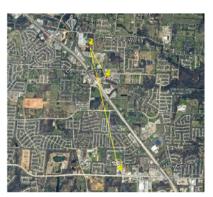
Due to the sensitive nature of the Public Safety Facility, Technology Services suggests there be a redundant link between Public Safety and City Hall (and ostensibly the City of Denton server farm). Provided the other fiber optic link between City Hall and the Public Safety Facility is established, network redundancy between the buildings could be achieved with the Charter Metro Ethernet connection. However, the limited speeds and recurring costs mean that this redundancy could be more effectively and efficiently provided by point-to-point microwave antennae. Setting up this microwave link means that the City will not be paying for something that it is only using in the event of a disaster.

Project Location and Supporting Master Plan

ADDRESS

Corinth City Hall to Public Safety Facility

SUPPORTING CITY PLANS
Strategic Plan



FIRE HOUSE #3/PD-EPOXY FLOOR

Project Description

The Fire House, PD sally port and holding area floors are exposed concrete. The Project would include an epoxy covering on the floor and 4-6" up the wall to seal the floor and wall joints.

Project Justification, Priority Ranking, and Projected Cost

The Epoxy floor coating is a protective barrier for floors where water is prevalent. It protects from water penetrating under the walls and provides more traction and a safer surface when walking on wet surfaces.

Priority III

\$129K Projected Cost

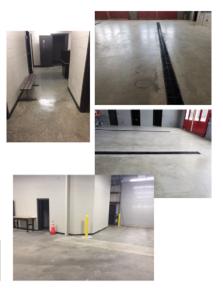


History and Comments

The Epoxy floor was outside the budgetary limitations of the construction/remodel project. The apparatus bay of Fire House #3 along with work rooms, The PD sally port and holding area are both surfaces that will be frequently exposed to water, along with snow and ice in the winter. The covering will protect the building and provide a safer walking surface. The Firehouse floor is \$87,000 and the Sally Port and holding area is \$42,000.

Project Location and Supporting Master Plan

ADDRESS 3501 F.M. 2181 SUPPORTING CITY PLANS
Safety and Security, Goal 1 Action 1



Councilmember Garber - were these not things that we looked at during construction? Like the covered parking

and epoxy floors?

Curtis Birt, Lake Cities Fire Chief - they were all put in we just didn't have the money. They were on our wish list and were just below the line of what we could afford. We were hoping to do this through savings or things that we cut during construction but it didn't happen.

CIP - Utility Fund

| CAPITAL IMPROVEMENT P | ROGR | AM | | | | | FY | 2019-2023 | 3 |
|-------------------------------------|----------|---------------|--------------|-----------|-----------|------------|-----------|--------------|---------------|
| | Dept | Total | Proposed | | | Planned | | | |
| Project Title | Priority | Project Cost | FY2018-19 | FY2019-20 | FY2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | Total |
| Utility Fund Capital | | | | | | | | | |
| Water | | | | | | | | | |
| Quail Run Drive/Dobbs Road 12", 16" | | | | | | | | | |
| & 20" Waterlines | | \$ 2,600,000 | \$ 2,600,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,600,000 |
| Lake Sharon/Oakmont to FM2499 | Т | 601,000 | 601,000 | | | | | | 601,000 |
| Quail Run 1.0 MG Elevated Tank | II | 4,600,000 | 4,250,000 | | | - | | | 4,250,000 |
| Trim Impellers on Existing Lake | | | | | | | | | |
| Sharon Pumps | l II | 90,000 | - | - | 90,000 | - | - | - | 90,000 |
| Parkridge Waterline | III | 800,000 | - | | | 800,000 | | | 800,000 |
| Lake Sharon Pump Station | | | | | | | | | |
| Expansion | IV | 600,000 | - | - | - | - | | 600,000 | 600,000 |
| Lake Sharon 3 MG Ground Storage | | | | | | | | | |
| Tank Rehabilitation | IV | 1,700,000 | - | - | • | - | - | 1,700,000 | 1,700,000 |
| | | | | | | | | | - |
| Subtotal: Water | | \$ 10,991,000 | \$ 7,451,000 | \$ - | \$ 90,000 | \$ 800,000 | \$ - | \$ 2,300,000 | \$ 10,641,000 |

QUAIL RUN/DOBBS 12", 16" and 20" WATERLINE

Project Description

Installment of 12", 16", and 20" water line along the railroad and Quail Road Drive/Dobbs Road.

Project Justification, Priority Ranking, and Projected Cost

This project will support the proposed elevated tank on the east side of IH35E by bringing a large diameter waterline to distribute water across IH35E to the east side of town.

Priority I

\$2,600,000 Projected Cost

History and Comments

The 20" WL will carry water from IH35E to the proposed tank site. The 12" and 16" WL will loop back into the water system at the IH35E frontage road and Dobbs Road.

Project Location and Supporting Master Plan

ADDRESS Quail Run Drive/Dobbs Road SUPPORTING CITY PLANS 2016 Water Master Plan



Bob Hart, City Manager - this is getting the waterlines in that area and getting it to the water tank. This is going to have to be debt financed also. We have some impact fees we can put on this. Part of that is I am suggesting is part of that \$10 million dollar issue for this year and some more next year.

We did the rate adjustments in Feb/March of last year and we have not been through a full summer cycle yet. Right now, our revenues are trending such that I think it is going to take a very minimal rate adjustment to cover. We are in the 2nd month of collection and you really want to get through a full cycle so you can figure out how the rates are doing and not doing. We would like to come back in January and look at all the rates and issue the debt in March.

On July 23, 2018, Upper Trinity set an all-time peak at 60.2 million gallons of water. On that same day the City of Corinth used 6.1 million gallons of water (about 10% of the system).

LAKE SHARON FROM OAKMONT TO FM 2499

Project Description

The Extension of a 12" water line to road project at FM 2499.

Project Justification, Priority Ranking, and Projected Cost

The 12" water line will improve fire protection and help facilitate the development of the area.

Priority I

\$601,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS Lake Sharon Pump Station SUPPORTING CITY PLANS
Thoroughfare Plan



QUAIL RUN 1.0MG ELEVATED STORAGE TANK

Project Description

Quail Run 1.0 MG elevated tank.

Project Justification, Priority Ranking, and Projected Cost

The proposed tank will increase operational capacity of the water system to deal with peak flows as the city's population increases.

Priority II

Essential

\$4,250,000 Projected Cost



History and Comments

Adding additional elevated storage increases the ability to maintain reliable system pressures during max days and peak hours. Does not include land acquisition costs which could be upwards of \$250,000 if not already owned by the city.

Project Location and Supporting Master Plan

ADDRESS

Quail Run south of Dobbs Road

SUPPORTING CITY PLANS 2016 Water Master Plan



TRIM IMPELLERS ON EXISTING LAKE SHARON PUMPS

Project Description

The project will "trim" the impellers existing pumps. The modification will change the operating characteristics of the pump making it more efficient at the station's operating point.

Project Justification, Priority Ranking, and Projected Cost

This project will support the proposed elevated tank on the east side of IH35E by bringing a large diameter waterline to distribute water across IH35E to the east side of town.

Priority II

\$90,000 Projected Cost



History and Comments

Increasing the efficiency of existing pumps by modification is cheaper than replacing a pump. Trimming the impeller will lower the cost of operating the water system by increasing energy savings when water is pumped from ground storage into the system.

Project Location and Supporting Master Plan

ADDRESS Lake Sharon Pump Station **SUPPORTING CITY PLANS:**



Alan Upchurch, City Engineer - with this project it is improving the efficiency of the pumps.

PARKRIDGE WATER LINE

Project Description

Sharon Drive 12" Waterline project is a 4,200' waterline intended to create a looped system for additional hydraulic capacity.

Project Justification, Priority Ranking, and Projected Cost

The new line will increase the hydraulic capacity of the water system and help to support new growth in the city center.

Priority III

\$800,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS

Sharon Drive from Lake Sharon to Church Street

SUPPORTING CITY PLANS: 2016 Impact Fee Study



LAKE SHARON PUMP STATION EXPANSION

Project Description

Lake Sharon Pump Station Expansion will increase the firm capacity of the pump station to 20.7 MGD by adding a 4,800 gpm pump.

Project Justification, Priority Ranking, and Projected Cost

The pumping capacity is need to support the continued growth of the city towards projected buildout.

Priority IV

\$600,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS Lake Sharon Pump Station SUPPORTING CITY PLANS 2016 Water Master Plan



LAKE SHARON 3MG GROUND STORAGE TANK REHABILITATION

Project Description

Lake Sharon 3 MG Tank Rehabilitation consists of painting, structural repairs and yard piping for continued operation of the existing tank.

Project Justification, Priority Ranking, and Projected Cost

Regular scheduled maintenance of existing water tanks can extend their life indefinitely.

Priority IV

\$1,700,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS Lake Sharon Pump Station SUPPORTING CITY PLANS 2016 Water Master Plan



| CAPITAL IMPROVEMENT P | ROGRA | AM | | | | | | FY | 2019-2023 | | |
|--|----------|---------------|-----------|-----|---------|------------|-----------|-----------|--------------|----------|--------|
| | Dept | Total | Proposed | | | | Planned | | | | |
| Project Title | Priority | Project Cost | FY2018-19 | FY: | 2019-20 | FY2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | Tota | al |
| Utility Fund Capital | | | | | | | | | | | |
| Wastewater | | | | | | | | | | | |
| Parkridge Sewer Line | I | \$ 500,000 | \$ - | \$ | 500,000 | \$ - | \$ - | \$ - | \$ - | \$ 50 | 00,000 |
| LCMUA (Liftstation/Sewer Main) | II | 1,500,000 | | | | | | | \$ 1,500,000 | 1,50 | 00,000 |
| Old Highway 77 Clay Tile Sewer Rehab | II | 150,000 | | | | 150,000 | | | | 15 | 50,000 |
| Shady Rest Lane 12" W/W Line | IV | 500,000 | | | | | | | 500,000 | 50 | 00,000 |
| Lift Station 3A Upgrade | IV | 470,000 | | | | | | | 470,000 | 47 | 70,000 |
| South Lift Station, Force Main and Gravity Improvements | IV | 2,200,000 | | | | | | | 2,200,000 | 2 20 | 00,000 |
| Southwest Lift Station, Force Main and | IV | 2,200,000 | | | | | | | 2,200,000 | 2,20 | 10,000 |
| Gravity Improvements | IV | 2,200,000 | | | | | | | 2,200,000 | 2,20 | 00,000 |
| North Corinth 8" WW Improvements | IV | 555,000 | | | | | | | 555,000 | 55 | 55,000 |
| Parkridge Gravity Sewer Improvements | IV | 2,100,000 | | | | | | | 2,100,000 | 2,10 | 00,000 |
| | | | | | | | | | | | - |
| Subtotal: Wastewater | | \$ 10,175,000 | \$ - | \$ | 500,000 | \$ 150,000 | \$ - | \$ - | \$ 9,525,000 | \$ 10,17 | 75,000 |

Nothing in the proposed budget.

PARKRIDGE SEWER LINE

Project Description This project would extend sanitary sewer line in Parkridge to the LCMUA lift station. Project Justification, Priority Ranking, and Projected Cost Connecting to the LCUMA could reduce Priority II \$500,000 sewer and maintenance costs. Essential Projected Cost **History and Comments** The study is on going and will be compared to the cost of installing a lift station and sewer line in Corinth. **Project Location and Supporting Master Plan** SUPPORTING CITY PLANS: Study by LCMUA **ADDRESS**





LCMUA (LIFTSTATION/SEWER MAIN)

Project Description

The City is reviewing a possible agreement with LCMUA to provide sewer service to the are southwest of Parkridge and south of 2199 which would connect to the LCMUA Lift Station.

Project Justification, Priority Ranking, and Projected Cost

Connecting to the LCUMA could reduce sewer and maintenance costs.

Priority II

Essential

\$1,500,000 Projected Cost



History and Comments

The study is on going and will be compared to the cost of installing a lift station and sewer line in Corinth. Working with LCMUA until sufficient development materializes along Parkridge to build the required facility.

Project Location and Supporting Master Plan

ADDRESS

SUPPORTING CITY PLANS: Study by LCMUA



Alan Upchurch, Temp City Engineer - discussions began even before I came to the City about what we can do from an interim bases and possibly long term basis to provide sewer to this area without the possibility of having to install additional lift stations. We are working with the Lake City's Municipal Utility District to see if we can gravity flow to their lift stations and eventually move back up to FM 2181. We are supposed to meet with them in the next couple of weeks to fine tune what we may be able to do from an engineering standpoint and the cost. Depends on how that goes we will come back to Council with some possible agreement of cost-sharing and arrangement on this sewer. We have to resolve the sewer issue before we can develop the property.

Councilmember Glockel - I didn't see anything in the budget through 2023 that resolves the bottle neck at I-35 where we are getting into someone else's line. I believe it goes into Lantana to have some extra capacity for a period of time. When they run out of capacity we have to get out so before Interstate 35 is widened to its full extent, I would think that we would be looking at somehow trying to get to the east side of Interstate 35 before that happens. Especially if we bring this sewer up and bring it down FM 2181 we will be taking more capacity from Lantana.

Bob Hart, City Manager - that is right. We have met with Upper Trinity and they are working on it.

Cody Collier, Public Works Director - this is one of the major items on their list to have all that straighten out so that we can tie into it.

Councilmember Glockel - I know you serve on that board but I spoke to Upper Trinity in September of last year and they told me that until the Lantana pipe capacity is gone we are more than welcome to use it but when it is gone we have to find our own way to get across Interstate 35.

Cody Collier, Public Works Director - the last conversation I had with Larry Patterson is Upper Trinity was working on that with TXDOT and they are trying to get everything set before Phase II and they were trying to get the rights to go in there and repair all of that and how they were going to divide it out. They presented a plan to the

board and they were working on a solution for that exact issue.

Bob Hart, City Manager - we would look to Upper Trinity to take care of the line that goes underneath but we will end up paying for it but Upper Trinity will be in the front agency on that in dealing with TXDOT and all the issues that go on. When that happens we will have one of two options. One, Upper Trinity can design it and build it and we just pay for it directly or two, they will design it, build it and we will pay them back through our rates over a 20 year period.

OLD HIGHWAY 77 CLAY TILE SEWER REHAB

Project Description

Replace 700 feet of original 10 inch diameter clay tile sewer line.

Project Justification, Priority Ranking, and Projected Cost

The sewer line is a constant maintenance issue due to severe root infiltration, cracks and breaks in the line

Priority II

\$150,000 Projected Cost

History and Comments

The 10" Clay sewer line was installed approximately 40 years ago and is suffering sever root infiltration, cracks, and breaks. The integrity of the line is compromised and could collapse resulting in a sewer backup and overflow. There are three sewer taps from two businesses on the line. Staff will recommend replacing with a 10" PVC line.

Project Location and Supporting Master Plan

ADDRESS Old Highway 77 SUPPORTING CITY PLANS:





SHADY REST LANE 12" WASTEWATER LINE

Project Description

Shady Rest 12" Wastewater Line – replacement of about 1,480' an existing 6" to 8" sewer line with a 12" pipe by pipe bursting.

Project Justification, Priority Ranking, and Projected Cost

The 12" diameter will replace the smaller line providing increased hydraulic capacity.

Priority IV

\$500,000 Projected Cost



History and Comments

While at the same time reducing infiltration and inflow (I&I) into the city's collection system. The new line will reduce regular maintenance required to clean the line and remove root intrusions and provide additional capacity for growth.



Project Location and Supporting Master Plan

<u>LOCATION:</u> Shady Rest from north of Walton, south across Corinth Parkway and to the southern boundary of the park/soccer fields. <u>SUPPORTING CITY PLANS:</u> 2016 Wastewater Master Plan Updates

LIFT STATION 3A UPGRADE

Project Description

Lift Station 3A upgrade - The project will add a 4^{th} pump to the existing lift station to increase water output.



This project will provide additional capacity in the wastewater collection system.

Priority IV

\$470,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS

Corinth Parkway and Creek Bend Drive

SUPPORTING CITY PLANS: 2016 Wastewater Master Plan Updates



SOUTH LIFT STATION, FORCE MAIN AND GRAVITY IMPROVEMENTS

Project Description

South Lift Station, Force Main and Gravity Improvements. The project will include a 0.5 MGD lift station with an 8" wastewater collection system and a 6" force main to carry sewer to the existing collection system to the west.

Project Justification, Priority Ranking, and Projected Cost

Improvements are needed to cohesively develop the area for wastewater service SW of Parkridge Drive and FM 2181 for new development.

Priority IV

\$2,200,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS

Area SW of the intersection of FM 2181 and Parkridge Drive.

SUPPORTING CITY PLANS: 2016 Wastewater Master Plan Updates

SOUTHWEST LIFT STATION, FORCE MAIN AND GRAVITY IMPROVEMENTS

Project Description

The Southwest Lift Station, Force Main and Gravity Improvements will provide a regional solution to serve the undeveloped area in the far SW corner of the city.

Project Justification, Priority Ranking, and Projected Cost

A regional Solution is need to provide sewer service to an unserved area of the city.

Priority IV

\$2,200,000 Projected Cost



History and Comments

Project Location and Supporting Master Plan

ADDRESS

SW corner of the city, south of FM 2181

SUPPORTING CITY PLANS: 2016 Wastewater Master Plan Updates



NORTH CORINTH 8" WASTEWATER IMPROVEMENTS

Project Description

The North Corinth Street 8" Wastewater Line will provide wastewater service to an undeveloped area between Shady Shores by extending an 8" wastewater main north

Project Justification, Priority Ranking, and Projected Cost

A new gravity sewer main would provide service to an unserved area inside the city. There are multiple parcels that would be forced to build septic systems since there is no public sewer located in proximity.

Priority IV

Desirable

\$555,000 Projected Cost



dividual to dividuals

History and Comments

In the absence of a large developer it is sometimes cost prohibitive for an individual to extend public sewer lines offsite to reach existing utilities. This may force individuals to consider septic systems as an alternative to connecting to city sewer. The project would be reimbursable under impact fees as individual properties develop.

Project Location and Supporting Master Plan

ADDRESS North Corinth Street from Old Hwy 77 north 1.850 <u>SUPPORTING CITY PLANS:</u> 2016 Wastewater Master Plan Updates

PARKRIDGE GRAVITY SEWER IMPROVEMENTS

Project Description

The proposed City Center Gravity Sewer Improvements would serve the undeveloped city center east of Post Oak and north of Corinth Parkway.

Project Justification, Priority Ranking, and Projected Cost

A new gravity sewer main would provide service to an unserved area inside the city.

Priority IV

\$2,100,000 Projected Cost



History and Comments

There are multiple septic tanks in this area served by this sewer line that could be phased out with gravity sewer service. Adding gravity sewer will help promote growth of an unserved area. The project would divert wastewater from LS 3A where it is now re-pumped to the Burl St. LS. This would reduce the peak load on LS 3A and reduce pumping costs.

Project Location and Supporting Master Plan

ADDRESS

From undeveloped area in the central area of city, across IH35E and south to Dobbs Road

<u>SUPPORTING CITY PLANS:</u> 2016 Wastewater Master Plan Updates



CIP - Storm Drainage Fund:

| CAPITAL IMPROVEMENT PRO | OGRAN | Л | | | | | FY 2 | 2019-2023 | |
|-------------------------------|----------|--------------|--------------|-----------|-----------|-----------|-----------|--------------|--------------|
| | Dept | Total | Proposed | | | Planned | | | |
| Project Title | Priority | Project Cost | FY2018-19 | FY2019-20 | FY2020-21 | FY2021-22 | FY2022-23 | 5 Plus Years | Total |
| Storm Drainage Fund Capital | | | | | | | | | |
| Drainage | | | | | | | | | |
| Lynchburg Creek Watershed | | \$ 5,000,000 | \$ 5,000,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,000,000 |
| Lake Sharon/Oakmont to FM2499 | - 1 | \$ 2,070,000 | \$ 2,070,000 | | | | | | 2,070,000 |
| Meadowview Pond Dredging | III | 500,000 | | | | | | \$ 500,000 | 500,000 |
| | | | | | | | | | - |
| | | | | | | | | | |
| | | | | | | | | | - |
| | | | | | | | | | - |
| | | | | | | | | | |
| | | | | | | | | | - |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Subtotal: Storm Drainage | | \$ 7,570,000 | \$ 7,070,000 | \$ - | \$ - | \$ - | \$ - | \$ 500,000 | \$ 7,570,000 |

LYNCHBURG CREEK WATERSHED

Project Description

The Lynchburg basin is located in the central and eastern portion of the city. and contains most of the drainage problems in the city. The area is about 2.2 square miles and has mixed development with quite a bit of undeveloped land. The westernmost reach is located in the Amity Village. Projects in this basin include: City Park Pond Improvements, Floodwall Improvements, Red Oak Drive, Tributary 2 Channel Erosion, and the IH35E Regional Detention Pond. Jones & Carter engineering team is preparing to study and plan project.

Project Justification, Priority Ranking, and Projected Cost

The Lynchburg basin contains most of the drainage problems in the city. Flooding in this basin has gotten progressively worse over the years and changes to the IH35E drainage will also have an impact on property downstream of the new (larger) box culvert.

Priority I

\$5,000,000 <u>Projected Cost</u> (\$4,000,000 Projected Grant funding)

PECT

History and Comments

The basin is being studied by NCTCOG and FEMA to map the basin and provide a tool to developers for future work in the basin. The City of Corinth participated in the study. Will seek grant funding to pay for upto 75% of the project.

Project Location and Supporting Master Plan

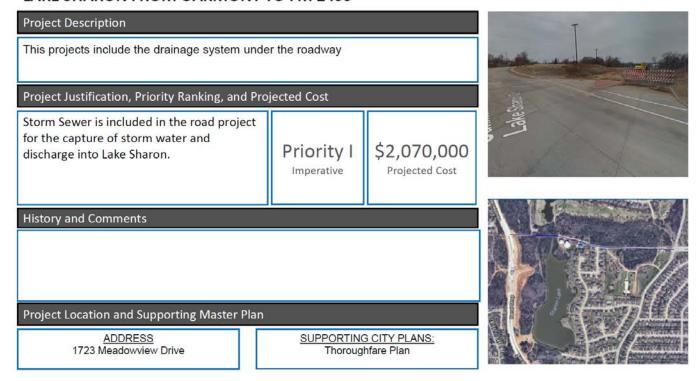
ADDRESS

SUPPORTING CITY PLANS:
Jones and Carter study 2017 Flood Plain
Maps

Bob Hart, City Manager - Carter Jones is doing the plan for us and they should have that ready in the next 60 days. The state grant cycles start in November and we are recommending and we put together in the budget is that we want to be in that first cycle of funding. At the time we do the application and contract we have to certify that we got the local funds.

We are assuming we can do a \$5 million dollar project and \$4 million out of grant funds and \$1 million out of local funds. That is how we have assembled this. This is when the FEMA maps are going to come out with all the changes in the floodplain.

LAKE SHARON FROM OAKMONT TO FM 2499



Alan Upchurch, Temp City Engineer - There is a lot of drainage on that project. This funding is already included in the contract you have awarded.

MEADOWVIEW POND DREDGING

Project Description

Dredging of the pond is required to remove approximately two feet of silt which has accumulated, reducing the storage capacity of the retention function of this storm water control structure.

Project Justification, Priority Ranking, and Projected Cost

Texas Commission on Environmental Quality (TCEQ) Storm Water Management Program requires maintenance of all storm water structures which includes retention ponds. Silt accumulation causes loss of storage capacity and increases storm water runoff downstream, which could create potential flooding conditions

Priority III

\$500,000 Projected Cost



History and Comments

Meadowview Pond was created as a retention pond in the early 1990's to serve as a collection point for: Fairview West Phase 4,Cypress Point Estates, Cypress Point Phase 1, 6, & 7 and Lake Sharon Drive. Since then, the pond has been accumulating silt and has lost approximately two feet of storage capacity. The additional silt needs to be removed to provide post development runoff protection from having negative impacts down stream.

Project Location and Supporting Master Plan

ADDRESS 1723 Meadowyiew Drive SUPPORTING CITY PLANS:



Bob Hart, City Manager - that was the summary of the CIP.

Mayor Heidemann recessed the Workshop at 6:38 p.m.* See Closed Session

CLOSED SESSION:

The City Council will convene in such executive or closed session to consider any matters regarding any of the above agenda items as well as the following matters pursuant to Chapter 551 of the Texas Government Code.

Section 551.071. (1) Private consultation with its attorney to seek advice about pending or contemplated litigation; and/or settlement offer; and/or (2) a matter in which the duty of the attorney to the government body under the Texas Disciplinary Rules of Professional Conduct of the State of Texas clearly conflicts with chapter 551.

Section 551.072. To deliberate the purchase, exchange, lease or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with a third person.

Council met in Closed Session from 6:38 p.m. until 7:00 p.m.

- a. Consider acquisition of Right-of-way at 1708 Post Oak Drive.
- b. Consider acquisition of Right-of way at 2101 Lake Sharon Blvd.

Section 551.074. To deliberate the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee.

Council met in Closed Session from 6:38 p.m. until 7:00 p.m.

a. Marcus Mote v. Debra Walthall, Case No. 4:16-cv-00203-RC, United States District Court for the Eastern District of Texas.

Section 551.087. To deliberate or discuss regarding commercial or financial information that the governmental body has received from a business prospect that the governmental body seeks to have locate, stay, or expand in or near the territory of the governmental body and with which the governmental body is conducting economic development negotiations; or to deliberate the offer of a financial or other incentive to a business prospect.

After discussion of any matters in closed session, any final action or vote taken will be in public by the City Council. City Council shall have the right at any time to seek legal advice in Closed Session from its Attorney on any agenda item, whether posted for Closed Session or not.

RECONVENE IN OPEN SESSION TO TAKE ACTION, IF NECESSARY, ON CLOSED SESSION ITEMS.

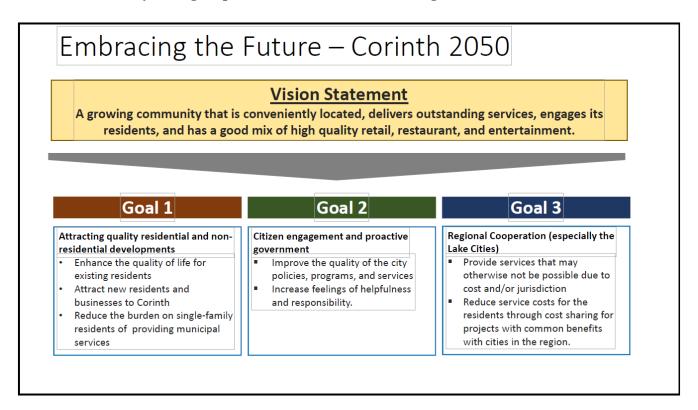
There was no action taken from Closed Session.

Mayor Heidemann adjourned the Workshop at 6:59 p.m. (Council met in Regular Session).

Mayor Heidemann opened the Workshop Session at 7:55 p.m.

3. Receive a report, hold a discussion, and provide staff direction on the Fiscal Year 2018-2019 Annual Program of Services and Capital Improvement Program.

Bob Hart, City Manager - presented an overview of the budget.



Goal 1: Attracting Quality Development

Land Development

Land development strategies include policies that will determine the use of land and the aesthetics for all public and private development in town.

Strategy 1: Evaluate all Planned Development (PD) zoned properties in the City and change to straight zoning and/or codify all PDs as a part of the development regulations.

<u>Strategy 2:</u> Ensure that all rezoning and land development requests are decided based on the updates land use plan and development regulations.

Strategy 3: Update the City's Comprehensive Plan to determine the appropriate uses, types of developments, densities, and location in the City.

Strategy 4: Update the City's development regulations (zoning and subdivision) ordinances to align with the updated land use plan and provide higher flexibility in regulations than the traditional ordinances.

Infrastructure

Infrastructure development strategies relate to physical infrastructure such as water, sewer, roadways, & drainage, as well as funding related policies that relate to human capacity building.

Strategy 1: Update the City's Thoroughfare Plan & mobility policies in Chapter 3 of the 2010 Comprehensive Plan to align with the updated land use plan.

Strategy 2: Analyze & update the infrastructure assessment in Chapter 7 of the 2010 Comprehensive Plan, and the Water/Wastewater improvement plan adopted with ordinance 17-03-02-02 in March 2017 to align with the updated land use plan.

<u>Strategy 3:</u> Develop a Capital Improvement Program (CIP) to fund the infrastructure and mobility projects, parks & open space projects, and create funding for economic development incentives to support private development with public infrastructure.

<u>Strategy 4:</u> Create a Tax Increment Financing
District (TIRZ) and use its bonding capacity to invest
in infrastructure projects to use as an incentive to
promote private investment in high-quality built
environment.

Economic

Economic Development strategies are those that relate to activities that will ultimately increase tax revenues in town.

Strategy 1: Reorganize the City's Economic Development functions similar to the other cities in DFW metroplex and according to the best practices so that the developers know what to expect and provide clarity to those looking to invest in the City.

<u>Strategy 2:</u> Develop a Retention Program to keep the businesses that are already in Corinth.

Strategy 3: Conduct a target industry study to identify the types of developments that Corinth's market can support and also identify the gaps if any for the types of developments Corinth wants to attract.

<u>Strategy 4:</u> Develop a strategic approach to attracting new businesses and developments to the City through a well-defined Business Development Program.

Goal 2: Citizen Engagement and Proactive Government

Land Development

Land development strategies include policies | Infrastructure developm

that will determine the use of land and the aesthetics for all public and private development in town.

Strategy 1: Invest in assisting Corinth's citizens understand the City processes, participate in these processes, and help the City staff with identifying solutions for any issues that arise in their neighborhoods.

Infrastructure

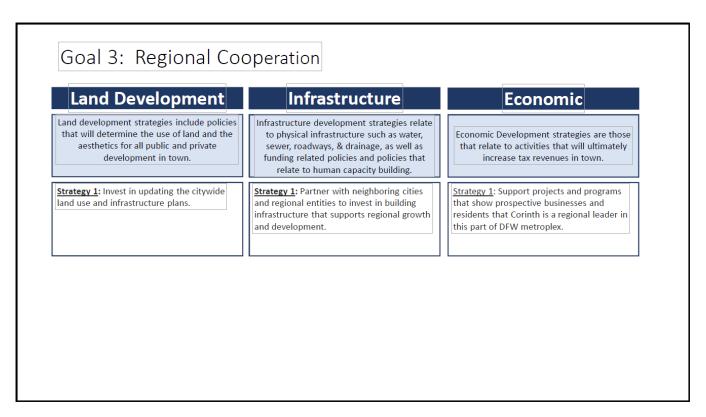
Infrastructure development strategies relate to physical infrastructure such as water, sewer, roadways, & drainage, as well as funding related policies and policies that relate to human capacity building.

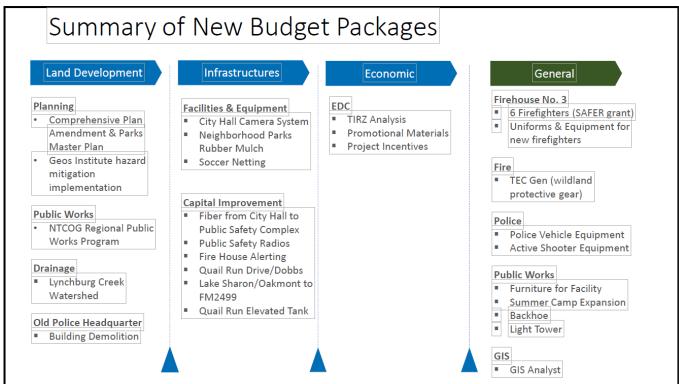
<u>Strategy 1</u>: Invest in building infrastructure that supports citizen outreach and volunteering.

Economic

Economic Development strategies are those that relate to activities that will ultimately increase tax revenues in town.

Strategy 1: Support projects and programs that show prospective businesses and residents that Corinth is a welcoming City with commitment to open communication and diversity.





Bob Hart, City Manager - the general recommendation is you should be updating your Comprehensive Land Use Plan about every 5 years. We started ours 10 years ago and adopted it 9 years ago. We are at the point where we are due for doing that now and that is part of the recommendation.

The Geos Institute is a group of technical assistance in terms of hazard mitigation, flooding and other types of hazard mitigation. We were a Beta South Community during this Fiscal Year with them on developing some of their public documents and based on that we can roll over into getting services from them at a much discounted approach. This will help with both the planning function and also Emergency Management function.

Participating with Council of Governments in the Regional Public Works Program. The Council of Governments has for years got cities to work together to develop standards for contracts, specifications on how drainage is done, storm water management and how water lines and sewer lines are done and they create documents and policies to do that. We are wanting Corinth to participate in that.

The drainage with Lynchburg Creek Watershed. We talked about that under the CIP and having the match money in there and also going after some of the grants to do those. We are in a position to submit in November/December time-frame. That is when we will be making those judgement calls on which grant program to go with.

The demolition of the police building on Corinth Parkway will be used temporarily for public works while that is being remodeled. Following that we are recommending is we tear down the building and it will end up being part of an incentive of how that land area will be developed along Interstate 35. The reason for tearing it down is because it is in a flood plain and partially in the flood way. Under our contract with FEMA to be able to offer flood insurance, we agreed not to have buildings and release Certificates of Occupancy and permits in the flood plain and flood way.

We have in the budget to put in a security camera system for the building internal and external. We have had one here but it has not been working for about 3 years and this would give us some security of the building.

In the neighborhood parks we would like to put in a rubber mulch that would go in under all the playground equipment and that would be partially funded through the parks funding and the Economic Development Corporation.

The soccer netting is a safety issue by Lynchburg Creek. The soccer balls go over there and there is a lot of snakes and so we would like to put up netting over in that area.

Capital Improvement we touched on earlier in the discussions.

Councilmember Glockel - on the Lake Sharon/Oakmont to FM 2499 in the CIP, I have seen the plans where it talks about the paying and all of that but is there any water and sewer going to be put in that street?

Bob Hart, City Manager - the biggest part of it is crossing over the Upper Trinity line. We would have a water line down that south side to feed those tanks.

Councilmember Glockel - are going to have water and sewer so that the land can be developed? If you build Lake Sharon from Oakmont all the way to Parkridge, we need to put water and sewer in that street.

Bob Hart, City Manager - Let me get with Alan and bring you back a good answer on that next week.

We are looking at a Tax Increment Financing operation. I think that I would suggest we start to look at how we put together something is working close with NCTC and then working with Texas Health Resources (THR) to figure out what we can do to get the atrium hospital and get that back in to play. Texas Health Resources are ready for some conversations regarding what to do with that building.

If you look at some of the needs that NCTC has on long term plans for this campus dealing with a commuter rail stop becomes an issue. DCTA is certainly open to conversations about allowing us to fund part of that transportation fee through a TIF/TIRZ so you step around the issue of needing to do that with the sales tax. I call them TIF's but they are now called TIRZ Tax Increment Reinvestment Zone and they used to be called Tax Increment Financing Districts.

Looking at the opening of the Fire House #3 and what we would do is pick up 6 fire fighters through the safer grant. All the preliminary information that we are receiving states that grant will be approved. We will continue to have the conversations with the Lake Cities.

We also have in place some protective gear for the fire fighters. You want to keep those kind of things less than 10 years of replacing and ours is sitting at about 12 years old.

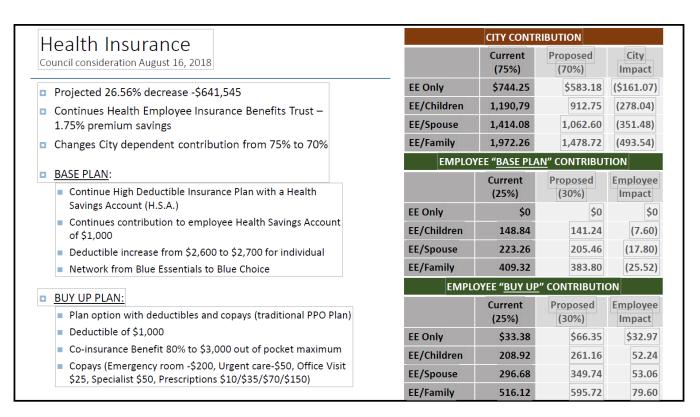
The police vehicle equipment that goes inside the vehicles are in our budgeting process and not part of the Enterprise program we are doing now.

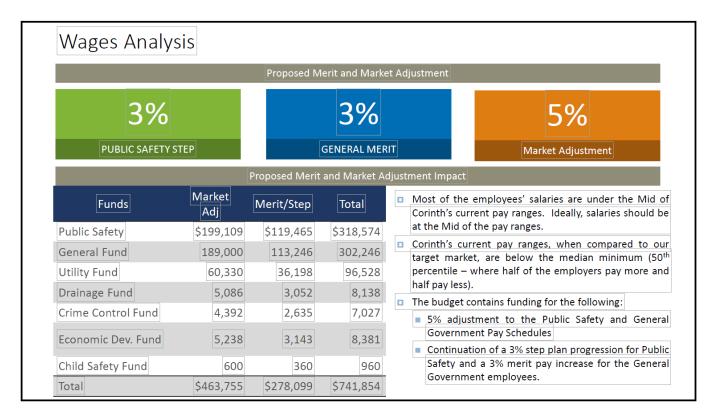
In the Public Works department we are going to bid for the furniture for that facility and that is included in the budget.

The summer camp that we do we have waiting list for that and we would like to double the size of that. Those things pay for themselves.

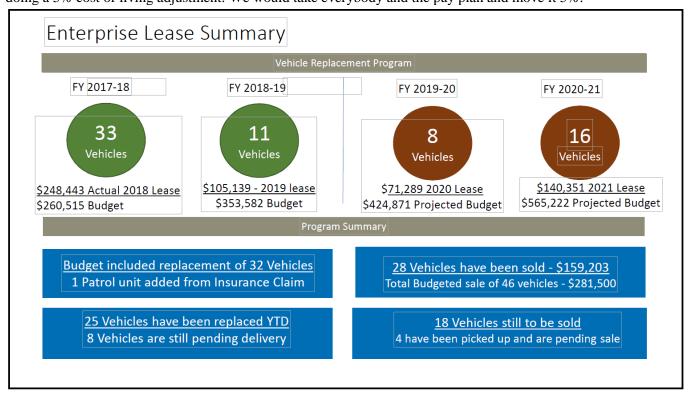
The light tower is the light so when individuals are called out in the middle of the night working they will have some good light out there.

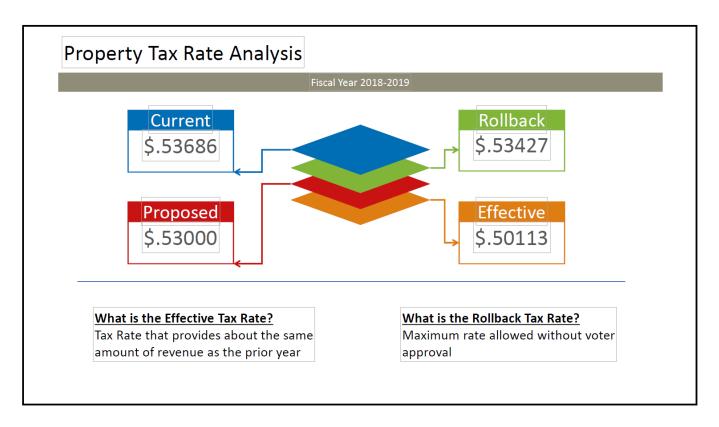
We have been having conversation with LCMUA about us doing the GIS system for them and so bringing that in house and doing that. They are very interested in doing it. We need a little more help Garrett does a great job and he keeps up mainly because he works six days a week about 10 hours a day. We are proposing another analyst and use them for the City and through LCMUA. So the staffing increase that we are asking for in this budget are the 6 firefighters under the Safer Grant so that will be partially funded. One GIS Analyst which will be 50% funded through LCMUA and two part time people to work at the summer camp.





The Council looked at this extensively a few years ago and we have about 15 cities that we use to compare ourselves to. Right now in terms of salaries we rank about 14th or 15th out of those cities depending on what positions you are looking at. We are recommending in this budget to maintain the 3% merit but then on top of that doing a 5% cost of living adjustment. We would take everybody and the pay plan and move it 5%.





Bob Hart, City Manager - This budget has been put together with the recommendation of \$.53000 for the tax rate. The four big areas that will cover is the drainage, opening fire station #3, Comp Plan update, and the Lake Sharon/Dobbs alignment and the elevated storage tank.

Councilmember Burke - what is the difference between the rollback and the proposed tax rate?

Lee Ann Bunselmeyer, Director of Finance and Administrative Services - the difference between the rollback and the proposed is \$286,000.

Councilmember Burke - what is our overall debt capacity? How much debt can we issue and I am not suggesting we issue any without raising taxes?

Lee Ann Bunselmeyer, Director of Finance and Administrative Services - today we have zero without raising taxes because our debt rate actually lowered this year. We went from 10895 to 10289 and by state statute you cannot collect a debt rate if you haven't issued the debt for it. We had to lower that debt rate down so today we have none. Next year if we have some bonds that are maturing and making some payments we may have a little bit throughout the year. I think in 2021 we will have a big jump of debt capacity.

Mayor Heidemann - are we going to have the capacity to issue debt in the spring of next year?

Lee Ann Bunselmeyer, Director of Finance and Administrative Services - yes, you can raise your tax rate as much as you want there is no limit as to how much debt you can issue you just have to be able to pay for it. For every cent on the tax rate on the debt side you can issue about \$3 million dollars of debt.

Councilmember Burke - realistically from where we are, we have about \$15 million dollars capacity.

Bob Hart, City Manager - based on the current level of valuation. You get more value and you get more capacity.

Tax Rate Comparison

| | 2014 | 2015 | 2016 | 2017 | 2018 Final (as of July 25, 2017) |
|---|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|--|
| Certified Value | \$1,538,127,064 | \$1,638,520,892 | \$1,799,383,154 | \$1,952,654,794 | \$2,159,281,283 |
| Change in Value | 7.64% | 6.53% | 9.82% | 8.52% | 10.58% |
| Property Tax Rate General Fund Debt Service Total Tax Rate | \$0.45143 0.14346 \$0.59489 | \$0.44143 0.14346 \$0.58489 | \$.44298 0.13895 \$0.58193 | \$.42791 0.10895 \$0.53686 | \$.42711 0.10289 \$0.53000 |
| Change in Tax Rate | (10) | (10) | (0.296€) | (4.50C) | (0.686€) |

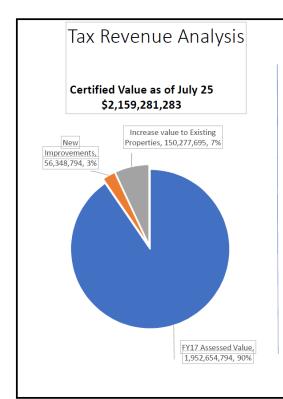
Average Home Value Comparison



Average Home Values increase: \$20,556 or 8.3% over the 2017 home values = \$92 increase in tax bill

\$71,420 or 36% since 2014 = \$249 increase in tax bill

| | 2014 | 2015 | 2016 | 2017 | 2018 Final (as of July 25, 2018) |
|--|-----------|-----------|----------------|----------------|--|
| Avg Home Value | \$198,248 | \$211,926 | \$229,765 | \$249,112 | \$269,668 |
| Tax Rate | .59489 | .58489 | .58193 | .53686 | .53000 |
| Average Tax Bill: General Fund Debt Service Fund | \$895 | \$936 | \$1,018 319 | \$1,066 271 | \$1,152 277 |
| Total Taxes Due | \$1,179 | \$1,240 | \$1,337 | \$1,337 | \$1,429 |



| Property Tax Revenue | General Fund | Debt Service Fund | Total |
|------------------------------------|-----------------|----------------------|--------------|
| Tax Rate | .42711 | .10289 | .53000 |
| FY17 Assessed Value | \$8,355,605 | \$2,127,417 | \$10,483,022 |
| Increase in Existing Properties | 626,230 | 36,291 | 662,521 |
| New Improvements | 240,671 | 57,977 | 298,648 |
| Total Property Tax Revenue | \$9,222,506 | \$2,221,685 | \$11,444,191 |

Total 2018 Tax Revenue Increase = \$961,169

General Fund = \$662,521 Debt Service Fund = \$298,648

New Value Comparison

| | 2014 | 2015 | 2016 | 2017 | 2018 Final (as of July 25, 2018) |
|---|-------------|--------------|---------------------|--------------|--|
| New Value Added | \$8,830,118 | \$15,403,173 | \$33,390,497 | \$19,490,199 | \$56,348,794 |
| Tax Rate | .59489 | .58489 | .58913 | .53686 | .53000 |
| Tax Bill Allocation: General Fund Debt Service Fund | \$39,862 | \$67,994 | \$147,913 46,396 | \$83,400 | \$240,671 57,977 |
| Total New Taxes | \$52,529 | \$90,092 | \$194,309 | \$104,635 | \$298,648 |

Five Year Average Growth of \$26,692,556

5 Year Average Annual Tax Revenue Increase on New Value Added = \$148,033 General Fund = \$115,958 and Debt Service Fund = \$32,075

Operating Budget Overview Economic Crime General **Debt Service** Utility Storm Development Street Maint Control Fund Fund Fund **Drainage Fund** Fund Sales Tax Fund Estimated Beginning Fund Balance 10/1/18 \$5,009,308 \$ 246,938 \$ 3,241,250 \$ 600,028 \$ 3,676,075 \$ 953,084 \$ 433,041 18,488,049 2,221,685 12,919,945 724,930 849,775 419,001 Revenues 379,675 Use of Fund Balance 1,073,432 334,887 \$ 1,059,817 Total Resources \$ 19,561,481 \$2,221,685 \$12,919,945 \$849,775 \$419,001 \$379,675 Expenditures 17,331,373 2,220,358 12,795,037 659,817 697,781 212,333 335,784 New on-going Programs 820,696 4,500 One-time Programs 1,409,412 59,500 400,000 55,000 17,500 Total Expenditures \$ 19,561,481 \$2,220,358 \$12,859,037 \$1,059,817 \$ 697,781 \$ 267,333 \$ 353,284 Estimated Ending Fund \$ 265,141 Balance 9/30/19 \$3,935,876 \$ 248,265 \$ 3,302,158 \$ 3,828,069 \$ 1,104,752 \$ 459,432 25.68% % of Total Expenditures 20.12% 25.02% Policy Target 20.00% 25.00% 25.00%

Bob Hart, City Manager - your policy target for fund balance are all here in all three of these key funds and that is crucial because if we look at a March Bond Sale these numbers become critical.

| | | | | | | Years |
|--------------------|---|--|-------------|---|---------------------------------|---|
| \$7,451,000 | \$- | \$90,000 | \$800,000 | \$0 | \$8,341,000 | \$2,300,000 |
| | 500,000 | 150,000 | | <u> </u> | 650,000 | 9,525,000 |
| 7,070,000 | - | | | = | 7,070,000 | 500,000 |
| 3,000,000 | 2,100,000 | 1,525,000 | | | | 11,675,000 |
| | | | | | | 1,160,000 |
| 272,000 | 322,000 | 172,000 | 322,000 | 376,000 | 1,464,000 | - |
| \$17,793,000 | \$2,922,000 | \$1,937,000 | \$4,233,000 | \$2,924,000 | \$29,809,000 | \$25,160,000 |
| \$10,000,000 | \$2,100,000 | \$1,525,000 | \$3,911,000 | \$2,548,000 | \$20,084,000 | Years \$25,160,000 |
| | | | | | | |
| 400,000 | | 90,000 | | | 490,000 | |
| | 500,000 | 150,000 | | | 650,000 | |
| 872,000 | 322,000 | 172,000 | 322,000 | 376,000 | 2,064,000 | |
| | | | | | | |
| | | | | | | |
| : 410 27/ | | | | | 419,376 | |
| 419,376 232,627 | | | | | 232,627 | |
| | 7,070,000 3,000,000 272,000 \$17,793,000 \$10,000,000 1,468,997 400,000 400,000 4,000,000 | 7,070,000 3,000,000 272,000 322,000 \$17,793,000 \$2,922,000 \$10,000,000 \$2,100,000 \$2,100,000 1,468,997 400,000 400,000 4,000,000 4,000,000 | 500,000 | - 500,000 150,000 - 3,000,000 2,100,000 1,525,000 2,621,000 490,000 272,000 322,000 \$1,737,000 \$4,233,000 \$17,793,000 \$2,922,000 \$1,937,000 \$4,233,000 \$1,468,997 400,000 - 500,000 150,000 872,000 322,000 172,000 322,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 1,50 | - 500,000 150,000 - - - | - 500,000 150,000 - 650,000 7,070,000 - 7,070,000 3,000,000 2,100,000 1,525,000 2,621,000 1,598,000 10,844,000 272,000 322,000 172,000 322,000 376,000 1,440,000 \$17,793,000 \$2,922,000 \$1,937,000 \$4,233,000 \$2,924,000 \$29,809,000 \$1,000,000 \$2,924,000 \$2,924,000 \$29,809,000 \$1,468,997 400,000 - 500,000 150,000 400,000 400,000 4,000,000 |

Budget Calendar **Meeting Date** Budget Agenda Item August 2 Thursday Budget Work session – Budget Overview Budget Work session – Review Governmental Funds August 9 Thursday Vote on Published tax Rate and public hearing dates August 16 Thursday Budget Work session – Proprietary Funds August 21 Tuesday Budget Work session First Public Hearing on Tax Rate Approve Crime Control & Prevention District Budget September 6 Thursday Budget Work session Second Public Hearing on Tax Rate Public Hearing on Annual Budget September 20 Thursday Adoption of Annual Program of Services (Budget) Adoption of the Tax Rates and Tax Rolls Fiscal year begins; implementation of adopted budget October 1

ADJOURN:

Mayor Heidemann adjourned the meeting at 8:50 P.M.

| AYES: All | | | | |
|--------------------------------|---|---------------------------|-----------|---------|
| Meeting adjourned. | | | | |
| Approved by Council on the | 6 | <u>d</u> ay of S <u>e</u> | eptember_ | , 2018. |
| Kimberly Pence | | | | |
| Kimberly Pence, City Secretary | | | | |
| City of Corinth, Texas | | | | |