



**CITY OF WHARTON
PUBLIC WORKS COMMITTEE MEETING**

**Monday, September 14, 2020
5:00 PM**


CITY HALL

**NOTICE OF
CITY OF WHARTON
PUBLIC WORKS COMMITTEE MEETING**

Notice is hereby given that a Public Works Committee Meeting will be held on Monday, September 14, 2020 at 5:00 PM at the Wharton City Hall, 120 East Caney Street, Wharton, Texas, at which time the following subjects will be discussed to-wit:

SEE ATTACHED AGENDA

Dated this 10th day of September 2020.


By: 
Andres Garza, Jr., City Manager

I, the undersigned authority, do hereby certify that the above Notice of Meeting of the Public Works Committee Meeting is a true and correct copy of said Notice and that I posted a true and correct copy of said Notice on the bulletin board, at City Hall of said City or Town in Wharton, Texas, a place convenient and readily accessible to the general public at all times, and said Notice was posted on September 10, 2020, at 4:30 p.m. and remained so posted continuously for at least 72 hours preceding the scheduled time of said Meeting.

The Wharton City Hall is wheelchair accessible. Access to the building and special parking is available at the primary entrance. Persons with disabilities, who plan to attend this meeting and who may need auxiliary aids or services such as interpreters for persons who are deaf or hearing impaired, readers, or large print, are requested to contact the City Secretary's Office at (979) 532-4811 Ext. 225 or by FAX (979) 532-0181 at least two (2) days prior to the meeting date. **BRILLE IS NOT AVAILABLE.**

Dated this 10th day of September 2020.

CITY OF WHARTON

By: 
Paula Favors
City Secretary



A G E N D A
CITY OF WHARTON
Public Works Committee Meeting
Monday, September 14, 2020
City Hall - 5:00 PM

Call to Order.

Roll Call.

Public Comments.

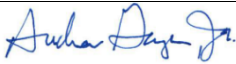
Review & Consider:

1. Minutes from the meeting held August 24, 2020.
2. City of Wharton 2020 Street Improvement Project:
 - A. Update on the 2020 Street Improvement Project.
 - B. Request from the City Staff for Change Order No. 1 to the 2020 Street Improvement Project.
3. Update: TWDB Flood Infrastructure Fund Program.

Adjournment.

City of Wharton
120 E. Caney Street
Wharton, TX 77488

PUBLIC WORKS COMMITTEE

Meeting Date:	9/14/2020	Agenda Item:	Minutes from the meeting held August 24, 2020.
Attached are the draft minutes from the meeting held August 24, 2020.			
City Manager: Andres Garza, Jr.		Date: Thursday, September 10, 2020	
Approval: 			
Mayor: Tim Barker			

**MINUTES
OF
CITY OF WHARTON
CONSULTANT SELECTION COMMITTEE AND PUBLIC WORKS
COMMITTEE MEETING
City Hall, 120 East Caney Street, Wharton, Texas
Monday, August 24, 2020 6:00 p.m.**

City Manager Andres Garza, Jr. declared a meeting of the City Council Consultant Selection Committee and Public Works Committee duly open for the transaction of business at 6:05 p.m.

Committee Members present: Councilmember Don Mueller, Councilmember Clifford Jackson and Councilmember Terry Freese.

Committee Member absent: None.

Staff Members present: City Manager Andres Garza, Jr., Assistant to the City Manager Brandi Jimenez, Community Development Director Gwyneth Teves and Public Works Director John Plaia.

Staff Members absent: None.

Visitors present: Mayor Tim Barker and Councilmember Alice Heard.

Public comments. There were no public comments.

The first item on the agenda was to review and consider minutes from the meeting held August 10, 2020. Councilmember Don Mueller made a motion to approve the minutes as presented. Councilmember Terry Freese seconded. All voted in favor.

The second item on the agenda was to review and consider Community Development Block Grant-Mitigation (CDBG-MIT) Grant Program Engineering Services. Community Development Director Gwyn Teves stated to the Committee that the City Council had approved the establishment of a Consultant Selection Committee and had authorized the City Staff to solicit for engineering services for the CDBG-MIT grant programs administered by the GLO on June 22, 2020. She stated that proposals were received at City Hall on August 6, 2020. She stated that on August 10, 2020 the proposals were given to the Committee to score and formulate a recommendation to the City Council. After some discussion, Councilmember Clifford Jackson made a motion to recommend to the City Council to award a contract to the highest ranked firm, Gunda, for engineering services for the Community Development Block Grant-Mitigation (CDBG-MIT) Grant Program. Councilmember Terry Freese seconded the motion. All voted in favor.

The third item on the agenda was to review and consider a Resolution: A resolution of the Wharton City Council approving a contract between the City of Wharton and Jones and Carter for the 2020 Sanitary Sewer Cleaning and Televising Project and authorizing the Mayor of the City of Wharton to execute all documents related to said project. Public

Works Director John Plaia stated that the City Public Works Department had identified several linear feet of sanitary sewer lines that are in need of repair or replacement. He stated that the City Staff had met with Jones and Carter Engineers to discuss which would be the best and least expensive and intrusive way to repair or replace the identified sewer lines. He stated that in the discussion with Jones and Carter representatives regarding the 2020 Sanitary Sewer Cleaning and Televising Project that it was determined that the lines need to be cleaned, televised and evaluated for any necessary repairs or replacements. He stated that the lines included in this project would be as followed:

1. The alley between Caney Street and Milam Street from South Richmond Road to Cloud Street.
2. The alley between Milam Street and Burluson Street from South Richmond Road to Cloud Street.
3. The right-of-way of North Richmond Road from Ahldag Avenue to Emily.
4. The right-of-way of Ahldag Avenue from North Richmond Road to Barclay Avenue.
5. The right-of-way of Lily Lane from Cottonwood Street to the dead end.
6. The right-of-way from Price Drive from Lily Lane to Cottonwood Drive.
7. The alley between Price Drive and Croom Drive from Lily Lane to Cottonwood Drive.
8. The alley between Croom Drive and Lily Lane to Cottonwood Drive.

After some discussion, Councilmember Don Mueller made a motion to recommend to the City Council the award of a contract to Jones and Carter for the 2020 Sanitary Sewer Cleaning and Televising Project. Councilmember Clifford Jackson seconded the motion. All voted in favor.

The fourth item on the agenda was adjournment. Councilmember Don Mueller moved to adjourn. Councilmember Terry Freese seconded. All voted in favor. The meeting adjourned at 6:30 p.m.

Andres Garza, Jr. City Manager

City of Wharton
120 E. Caney Street
Wharton, TX 77488

PUBLIC WORKS COMMITTEE


Meeting Date:	9/14/2020	Agenda Item:	City of Wharton 2020 Street Improvement Project: A. Update on the 2020 Street Improvement Project. B. Request from the City Staff for Change Order No. 1 to the 2020 Street Improvement Project.
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Attached you will find a memo from Public Works Director John Plaia to me regarding Change Order No. 1 to the contract for the 2020 Street Improvement Project. The Change Order would add three (3) additional streets to the Program. The additional streets are as follows:

1. Alabama Road from Milam Street to FM 1301.
2. Briar Lane from the concrete pavement to Price Drive.
3. West Milam Street from Outlar Street to Ford Street.

Also included in the Change Order is the restriping of Alabama Road. The total cost for these additions is \$126,166.58

Public Works Director John Plaia will be present to answer any questions.

City Manager: Andres Garza, Jr.	Date: Thursday, September 10, 2020
Approval: 	
Mayor: Tim Barker	



City of Wharton

120 E. Caney Street ° Wharton, TX 77488
Phone (979) 532-2491° Fax (979) 532-0181

September 9, 2020

Mr. Andres Garza, Jr., City Manager
City of Wharton
120 E. Caney Street
Wharton, Texas 77488

2020 Street Program Improvements
Change Order # 1

Mr. Garza:

Requesting a Change Order to the above referenced project to add three (3) additional streets to the 2020 Street Program Improvements. Requesting the addition of Alabama Rd. (from Milam to FM 1301), Briar Ln. (from concrete pavement to Price), and W. Milam (from Outlar to Ford). Also included will be restriping of Alabama Rd. The Total cost for these additions will be \$126,166.58, an addition of 17.36 %.

Alabama St	5,475' x 49' = 268,275 / 9 = 29,808 SY
Briar Ln.	680' x 24' = 16,320 / 9 = 1,813 SY
W. Milam	2,300' x 32' = 73,600 / 9 = <u>8,200 SY</u>
Total	39,821 SY

39,821 sy x \$2.98 = \$ 118,666.58
Full paint Striping of Alabama Rd. Est. \$7,500.00

Total: \$126,166.58

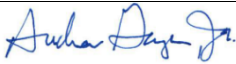
Adjustment of 17.36% of \$ 726,670.02

Sincerely,

John Plaia
Public Works Director

City of Wharton
120 E. Caney Street
Wharton, TX 77488

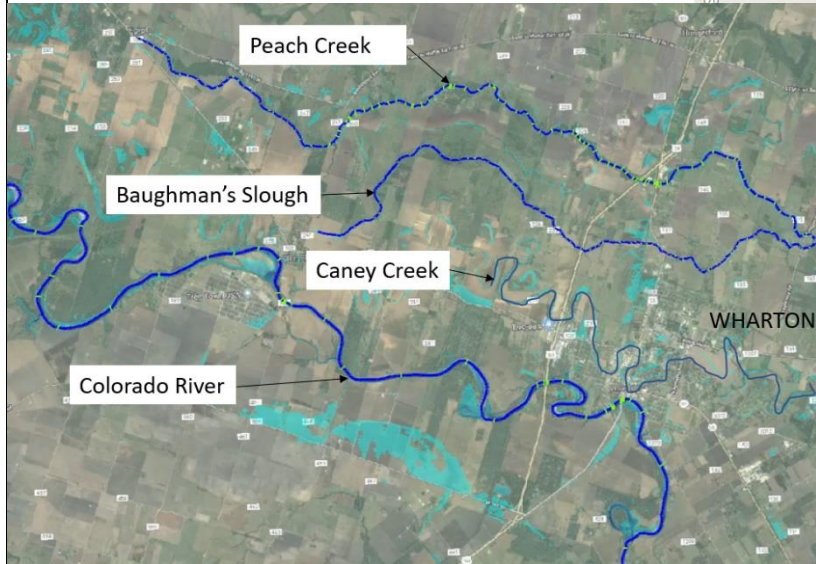
PUBLIC WORKS COMMITTEE

Meeting Date:	9/14/2020	Agenda Item:	Update: TWDB Flood Infrastructure Fund Program.
The City Staff will update the Committee on the TWDB Flood Infrastructure Fund Program.			
City Manager: Andres Garza, Jr.		Date: Thursday, September 10, 2020	
Approval: 			
Mayor: Tim Barker			

DESCRIPTION OF PROPOSED PROJECT

The City of Wharton is the county seat of Wharton County, Texas. It lies at the intersection of Hwy 59 (soon to be I-69) and the Colorado River, very close to the geographical center of the county. The Colorado River flows into Wharton County from the west and continues southeasterly to Wharton where it turns southward. The towns of Egypt and Glen Flora are located along the river west of Wharton. The City's airport is southeast of the City on Hwy 59.

During severe floods, like Hurricane Harvey, the Colorado River overflows northward all along the area from Egypt to Wharton, causing severe

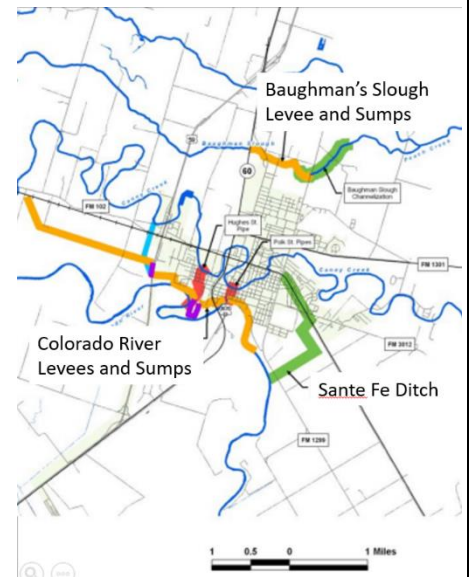


flooding both in the county and the City. At Egypt, the river flows into the headwaters of Peach Creek, and at Glen Flora into the headwaters of Baughman Slough. Both Peach Creek and Baughman Slough flow eastward until Baughman Slough joins Peach Creek just northeast of Wharton. As Baughman Slough crosses Hwy 59, it begins to overflow southward into the City, flooding the City from the north. The City and County recently partnered with other entities to develop a Flood Protection Plan for Colorado, Wharton, and Matagorda counties that has developed new models of the creeks and

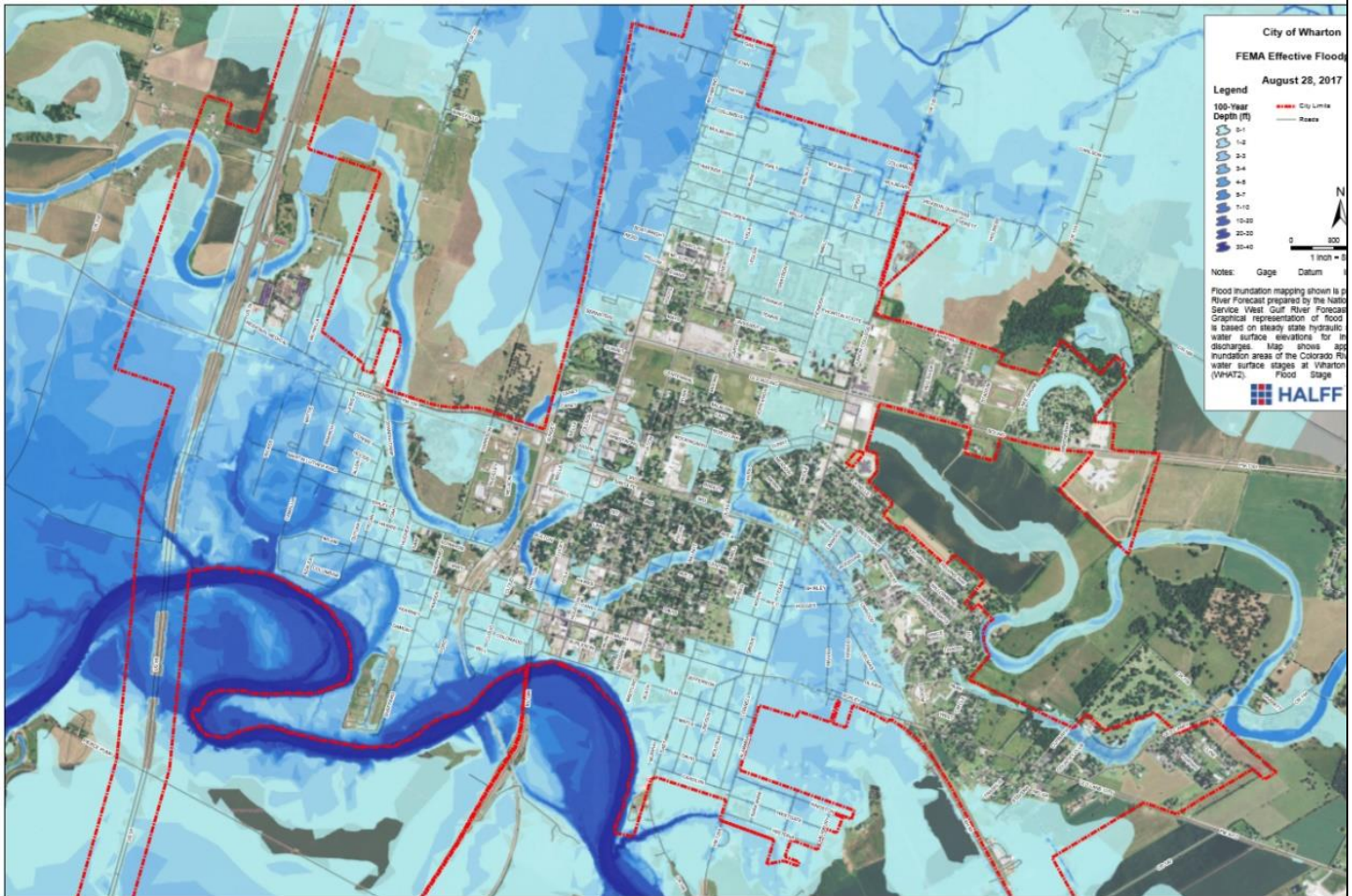
river. The results of this study will be available very soon.

Caney Creek (believed to be the old Colorado riverbed) enters Wharton from the east, flows all through the City, and exits on the east. At Wharton, the river overflows into the City and Caney Creek at multiple locations. The US Army Corps of Engineers is constructing (currently under design) a federal Flood Protection System (FPS) consisting of:

- Levees and sumps along the Colorado River
- Levees and sumps along Baughman Slough
- The Santa Fe Ditch in southeast Wharton



Much of the City currently is in the 100-Yr (1%AP) floodplain, as shown below. The Corps levee system will effectively remove the riverine flood risk from the river and Baughman Slough but will not remove the urban flood risk from local rainfall. It is unknown how this may alter flood risk in the City limits and ETJ.



The City has developed a list of projects that will address this remaining urban flood risk inside the levee protected area. The projects will work in conjunction with the levee sumps and the Santa Fe Ditch, move storm water to these facilities, and then safely out of the city. The City has developed estimated costs for these projects. Since limited preliminary Benefit Cost Analysis (BCA) data is currently available, the City has determined to study flood risk inside its City Limits and ETJ, develop detailed BCA, and move forward with the most critical projects in Phase 1. The City will submit an abbreviated application under the Texas Water Development Board's Intended Use Plan, Category 2. The Phase 1 study will also develop future projects both inside and outside of the levee protected area. Funding will be applied for in future phases.

Intended Use Plan Application Break Out

Phase I

Master Drainage Study for City Limits and ETJ.....\$800,000

This study is focused on a more refined 2D modeling through downtown, coupled with detailed storm sewer analysis, modeled using InfoWorks ICM.

Stavena – Nelga Drainage..... \$1,587,000.00

This area in far southeast Wharton is a low area where homes have repeatedly been inundated by heavy rain and waters over the last few years, with as little as 10 inches of rain, roughly a 25-year return interval local flood. This project would collect and transport flood water to the existing Santa Fe Ditch and provide drainage improvements and flood protection to 48 homes.

Delmas – Kinkaid Drainage \$1,974,000.00

This area in southeast Wharton is a low area where 16 homes have flooded repeatedly over the last few years, with as little as 10 inches of rain, roughly a 25-year return interval local flood. This project would collect and transport flood water to the existing Santa Fe Ditch and provide drainage improvements and flood protection to 110 homes and 1 of our larger producing production plants.

Caney Creek MHP Drainage \$687,925.00

This area in eastern Wharton is a low area on the Caney Creek where homes have flooded repeatedly over the last few years, with as little as 10 inches of rain, roughly a 25-year return interval local flood. This project would collect and transport flood water to the Harrison and Panes Sumps that are part of the USACE Levee Project and provide drainage improvements and flood protection to 41 homes and businesses.

Ahldag Drainage \$1,398,500.00

This area in northern Wharton is a low area where nearly homes have flooded repeatedly over the last few years, with as little as 10 inches of rain, roughly a 25-year return interval local flood. This project would collect and transport flood water to the new Baughman Slough sump that is part of the USACE Levee project and provide drainage improvements and flood protection to over 140 homes.

TOTAL.....\$6,447,425.00

Phase II

Cost is unknown

Will be defined by the Master Drainage Study from Phase 1

May be inside or outside of the city limits, but within ETJ

Those outside city limits in ETJ will be coordinated with Wharton County

May require additional funding from TWDB