JAY MARTIN CHAIRMAN, COUNCILPERSON MANDI WILLIAMS COUNCILPERSON



CHUCK ENGELKEN
MAYOR PRO TEM
BILL BENTLEY
ALTERNATE, COUNCILPERSON

CITY OF LA PORTE DRAINAGE AND FLOODING COMMITTEE MEETING AGENDA

Notice is hereby given of a meeting of the Drainage and Flooding Committee of the City Council of the City of La Porte, to be held September 11, 2023, in the City Hall Council Chamber, 604 West Fairmont Parkway, La Porte, Texas, beginning at 5:00 pm to consider the following items of business.

Remote participation is available. Attend via a screen using this link:

https://us02web.zoom.us/j/87672913606?pwd=eDIhUnd5allYd1BZVHlzdG5LN2V0Zz09

Join by phone at 877-853-5257 or 888-475-4499. The meeting ID is 876 7291 3606 and the passcode is 411484.

- 1. CALL TO ORDER
- **2. CITIZEN COMMENT** (Generally limited to five minutes per person; in accordance with state law, the time may be reduced if there is a high number of speakers or other considerations.)

3. STATUTORY AGENDA

- (a) Presentation, discussion, and possible action to approve the minutes of the Drainage and Flooding Committee meeting held on July 10, 2023. [Councilperson Martin, Chair]
- (b) Presentation, discussion, and possible action regarding status of 100-acre-foot detention pond project near the Pasadena Convention Center and Brookglen Subdivision, as established in amended interlocal agreement between the City of La Porte and the City of Pasadena. [Ray Mayo, Director of Public Works]
- (c) Presentation, discussion, and possible action regarding the Harris County Flood Control District's (HCFCD) and Harris County Precinct 2's current and future plans related to flooding in the City of La Porte. [Ray Mayo, Director of Public Works]
- (d) Presentation, discussion, and possible action regarding the status of current drainage projects. [Ray Mayo, Director of Public Works]
- (e) Presentation, discussion, and possible action to provide administrative staff of the City with direction, if necessary, regarding additional drainage concerns. [Ray Mayo, Director of Public Works]

4. SET NEXT MEETING

5. COMMITTEE COMMENT Hear announcements concerning matters appearing on the agenda; items of community interest; and/or inquiries of staff regarding specific factual information or existing policy from the Committee members and City staff, for which no formal action will be discussed or taken.

6. ADJOURN

If, during the course of the meeting and discussion of any items covered by this notice, the Drainage and Flooding Committee determines that a Closed or Executive Session of the Committee is required, then such closed meeting will be held as authorized by Texas Government Code, Chapter 551, Section 551.071 - consultation with counsel on legal matters; Section 551.072 - deliberation regarding purchase, exchange, lease or value of real property; Section 551.073 - deliberation regarding a prospective gift; Section 551.074 - personnel matters regarding the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; Section 551.076 - implementation of security personnel or devices; Section 551.087 - deliberation regarding economic development negotiation; Section 551.089 - deliberation regarding security devices or security audits, and/or other matters as authorized under the Texas Government Code. If a Closed or Executive Session is held in accordance with the Texas Government Code as set out above, the Drainage and Flooding Committee will reconvene in Open Session in order to take action, if necessary, on the items addressed during Executive Session.

Persons with disabilities who plan to attend this meeting and who may need auxiliary aids or services are requested to contact the City Secretary's office (281-470-5019), two working days prior to the meeting for appropriate arrangements.

Pursuant to Texas Government Code Sec. 551.127, on a regular, non-emergency basis, members may attend and participate in the meeting remotely by video conference. Should that occur, a quorum of the members will be physically present at the location noted above on this agenda.

Councilmembers may attend in numbers constituting a quorum. This is a Drainage and Flooding Committee Meeting at which there will be no deliberation or formal action taken by City Council as a governmental body.

CERTIFICATE

I, Lee Woodward, City Secretary, do hereby certify that a copy of the September 11, 2023, Drainage and Flooding Committee agenda was posted on the City Hall bulletin board, a place convenient and readily accessible to the general public at all times, and to the City's website, www.LaPorteTX.gov, in compliance with Chapter 551, Texas Government Code.

DATE OF	
POSTING	
TIME OF	
POSTING	
TAKEN DOWN	
	Lee Woodward
	Lee Woodward, City Secretary

MANDI WILLIAMS COUNCILPERSON



CHUCK ENGELKEN
MAYOR PRO TEM

BILL BENTLEY, ALTERNATE COUNCILPERSON

MINUTES OF THE DRAINAGE AND FLOODING COMMITTEE MEETING JULY 10, 2023

The Drainage and Flooding Committee of the City of La Porte met on Monday, July 10, 2023, at the City Hall Council Chambers, 604 West Fairmont Parkway, La Porte, Texas, at 5:00 p.m. to consider the following items of business:

Committee Members present: Jay Martin, Chuck Engelken, Mandi Williams

Committee Members attending remotely: None Committee Members absent: Bill Bentley (alternate)

Council-appointed officers present: Corby Alexander, City Manager; Lee Woodward, City

Secretary; Clark T. Askins, City Attorney

CALL TO ORDER – Chair Martin called the meeting to order at 5:01 p.m.

2. CITIZEN COMMENT (Generally limited to five minutes per person, in accordance with state law, the time may be reduced if there is a high number of speakers or other considerations.)

There were no comments.

3. STATUTORY AGENDA

a. Presentation, discussion, and possible action to approve the minutes of the Drainage and Flooding Committee meeting held on June 12, 2023. [Councilperson Martin, Chair]

Member Williams moved to approve the minutes; the motion was seconded by Member Engelken; the motion was adopted, 3-0.

 b. Presentation, discussion, and possible action regarding the Preliminary Engineering Report for Brookglen Subdivision Storm Sewer Improvements. [Ray Mayo, Director of Public Works]

Andrew Moore, Drainage Engineer, Halff Associates, provided a briefing on the preliminary engineering report for the Brookglen Subdivision Storm Sewer Improvements project. Members expressed concern about the HCFCD not conducting channel improvements on Willow Springs Bayou and City Manager Alexander agreed to bring the issue to the Harris County Flood Control District. Member Engelken moved to recommend moving forward with Alternate 1 and return with more information about the Canada Road connection to hopefully include it as part of the scope of work; the motion was seconded by Member Williams; the motion was adopted, 3-0.

c. Presentation, discussion, and possible action regarding status of 100-acre-foot detention pond project near the Pasadena Convention Center and Brookglen Subdivision, as established in amended interlocal agreement between the City of La Porte and the City of Pasadena. [Ray Mayo, Director of Public Works]

Mr. Mayo discussed the proposed Pond Alternative #4 with an overall added 50-acre feet of detention, noting that these changes will require re-submittal of the drainage impact analysis to the HCFCD.

d. Presentation, discussion, and possible action regarding the Harris County Flood Control District's (HCFCD) and Harris County Precinct 2's current and future plans related to flooding in the City of La Porte. [Ray Mayo, Director of Public Works]

Mr. Mayo said Jonathan St. Romain had reported there has been no action on the buyout detention ponds but hoped there would be soon. On the Bayside Terrace project, he confirmed there would be no backflow gate installed on the outfall, upon the recommendation of the design firm.

e. Presentation, discussion, and possible action regarding the status of current drainage projects. [Ray Mayo, Director of Public Works]

Mr. Mayo said there would be a pre-construction meeting this week and that he would let the committee know when the City and contractor could meet with the homeowners association.

f. Presentation, discussion, and possible action to provide administrative staff of the City with direction, if necessary, regarding additional drainage concerns. [Ray Mayo, Director of Public Works]

There was no discussion for this item.

4. SET NEXT MEETING

The next meeting was set for August 14, 2023.

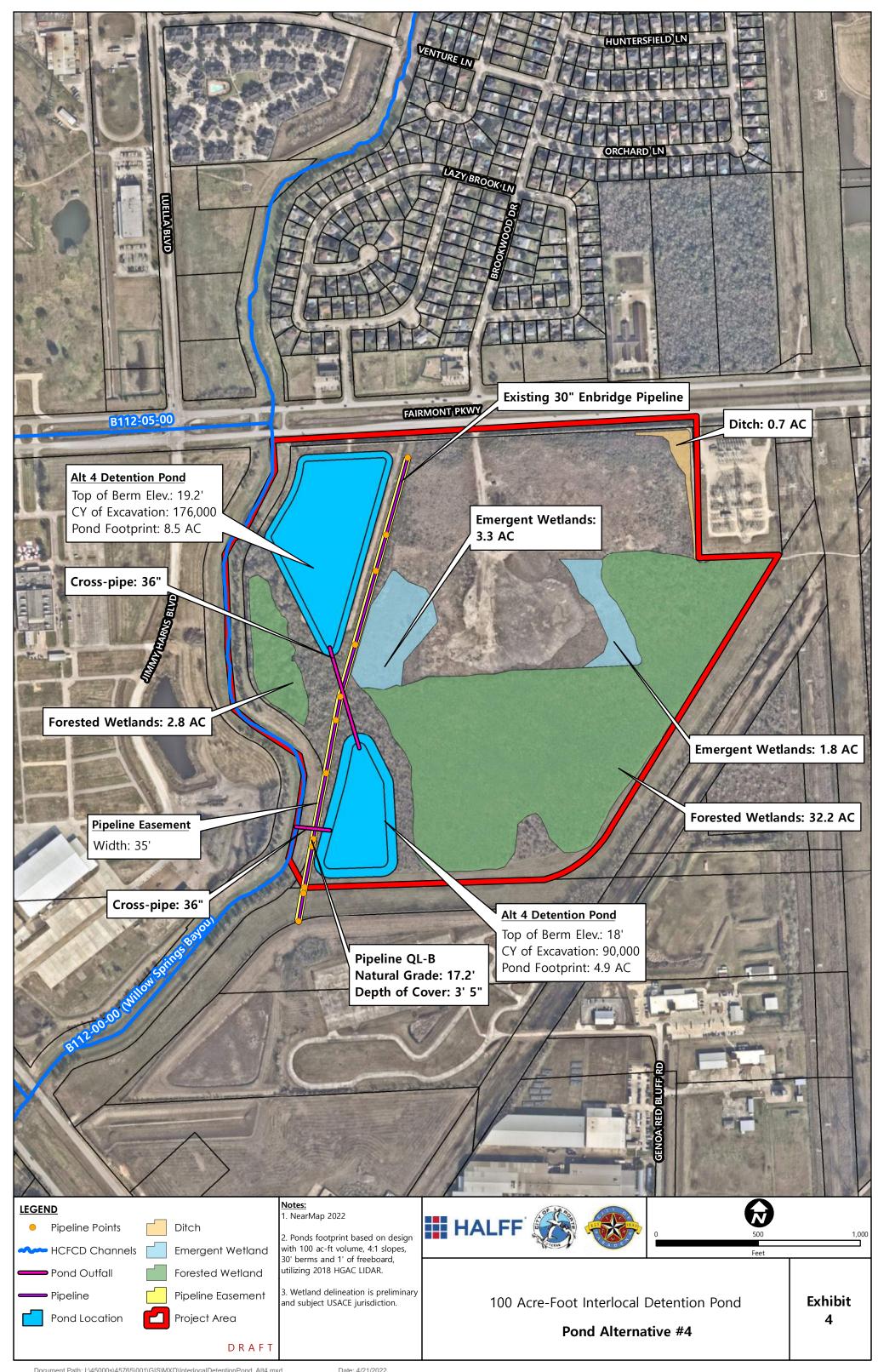
5. COMMITTEE COMMENT – Hear announcements concerning matters appearing on the agenda; items of community interest; and/or inquiries of staff regarding specific factual information or existing policy from the Committee members and City staff, for which no formal action will be discussed or taken.

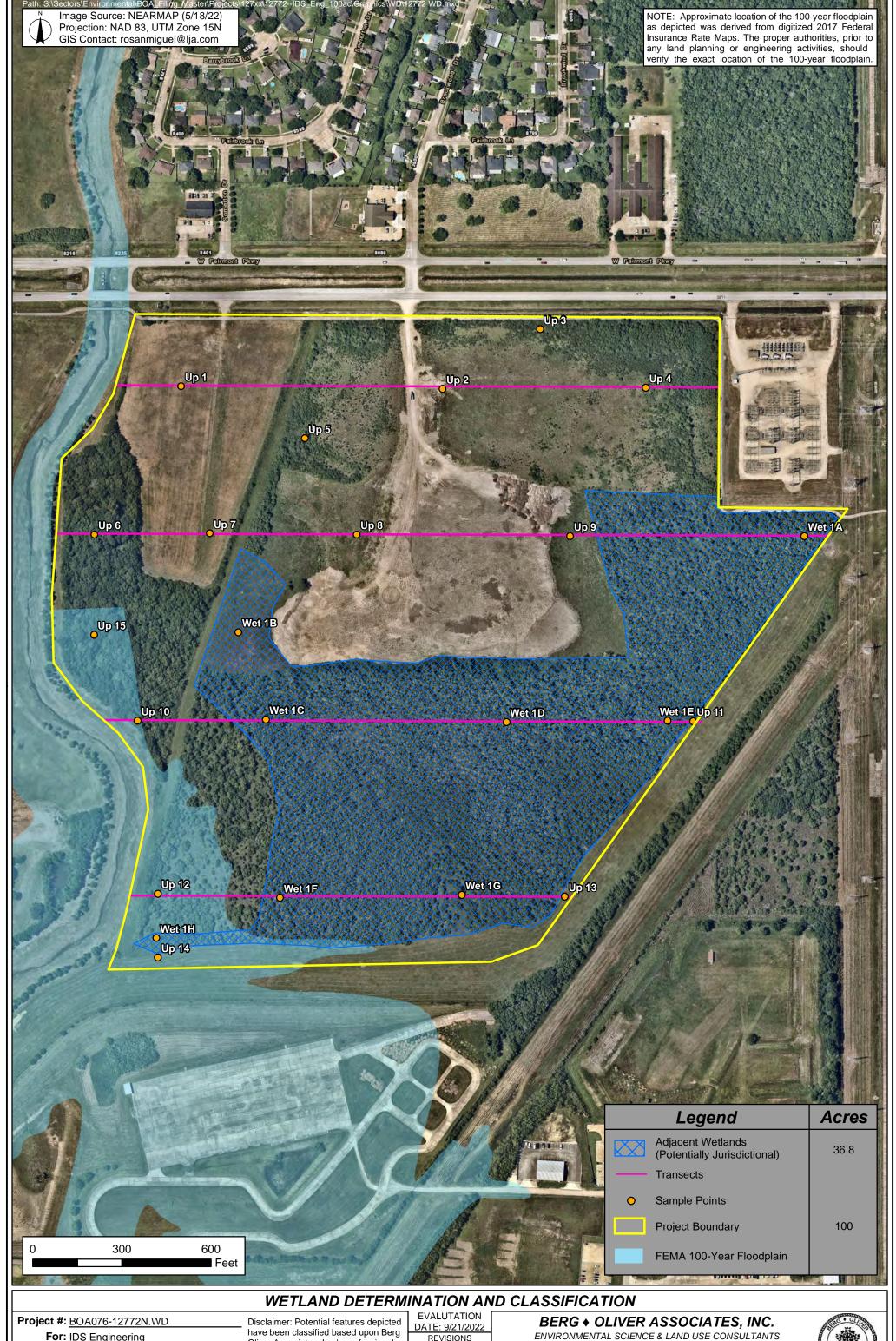
There were no comments.

ADJOURN - The meeting was adjourned v	vithout objection at 5:56 p.m.
Lee Woodward, City Secretary	_



Agenda Date Requested: September 11, 2023	Appropriation						
Requested By: Ray Mayo, Director	Source of Funds: N/A						
Department: Public Works	Account Number: N/A						
	Amount Budgeted: N/A						
Exhibits: Proposed Pond Configuration	Amount Requested: N/A Budgeted Item: Yes No						
SUMMARY & RECOMMENDATION							
The City of Pasadena prepared a wetlands delineation report and submitted it to the USACE as part of an Approved Jurisdictional Determination (AJD) request on October 5, 2022. The USACE's response was received, and it was determined that the forested wetlands on the west side of the pipeline corridor will not be jurisdictional. This allows for construction of a variation of Option 4 proposed by Hallf, which could increase the pond capacity to 150 acre-feet. A re-start meeting was conducted on June 9 th , 2023, to authorize Hallf to proceed with design for the revised Option 4 configuration. Halff Associates is coordinating with Pasadena on the revision to the survey, and the revision to the drainage impact analysis. A revision of the report will have to be submitted to HCFCD for their approval prior to the final design.							
ACTION REQUIRED BY DRAINAGE AND FLOODING COMMITTEE							
Receive report, and provide staff with direction, as necessary.							
Approved for Drainage Committee Agenda							
Corby D. Alexander, City Manager	 Date						





For: IDS Engineering

Location: Near Fairmont Pky & Jimmy Harris Blvd Harris County, Texas

Oliver Associates, Inc.'s professional opinion. The Corps of Engineers is the final authority on jurisdictional features.

REVISIONS

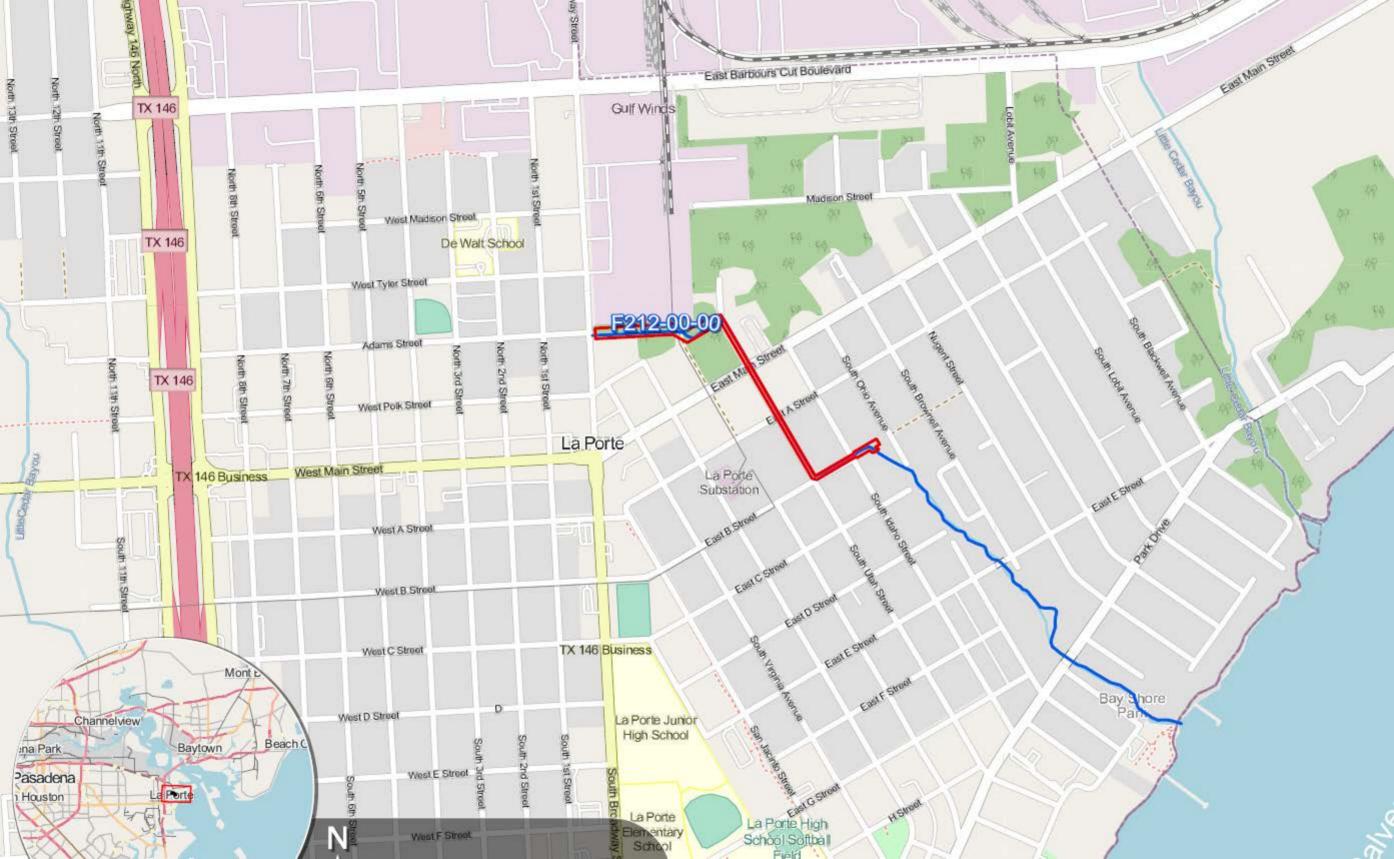
14701 ST. MARY'S LANE, SUITE 400 HOUSTON, TEXAS 77079 (281)589-0898 http://www.bergoliver.com

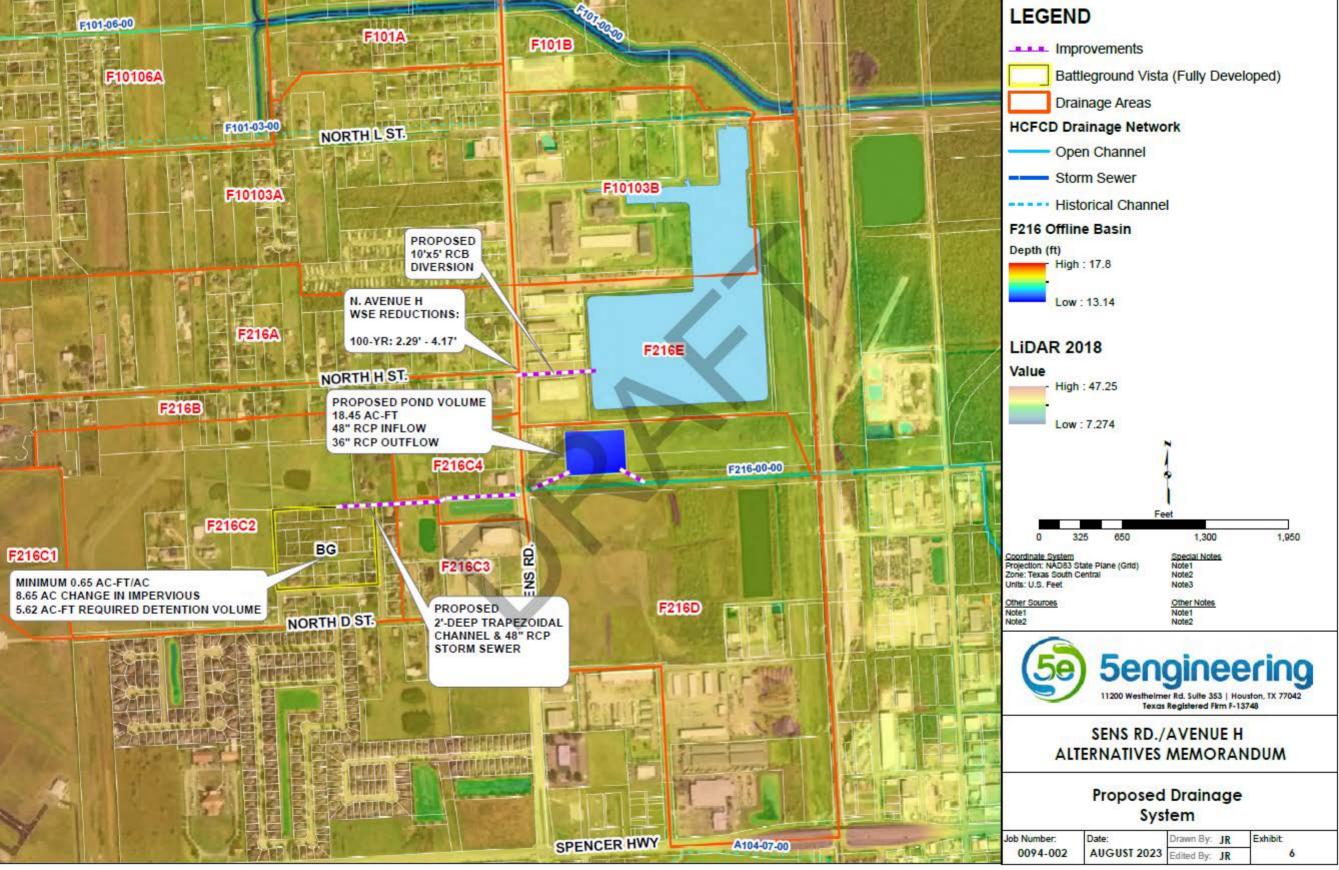




Agenda Date Requested: September 11, 2023	Appropriation					
Requested By: Ray Mayo, Director	Source of Funds: N/A					
Department: Public Works	Account Number: N/A					
Report	Amount Budgeted: N/A					
	Amount Requested: N/A					
Exhibits: F101 Project Limits; F212 Project Limits; North H at Sens -F216 – Battleground Vista	Budgeted Item: Yes No					
SUMMARY & RECO	MMENDATION					
Receive report regarding Harris County Flood Control District's (HCFCD) and Harris County Precinct 2's current and future plans related to flooding in the City of La Porte.						
ACTION REQUIRED BY DRAINAGE AND FLOODING COMMITTEE Receive report, and provide Staff with direction, as necessary.						
Approved for Drainage Committee Agenda						
Corby D. Alexander, City Manager	Date					



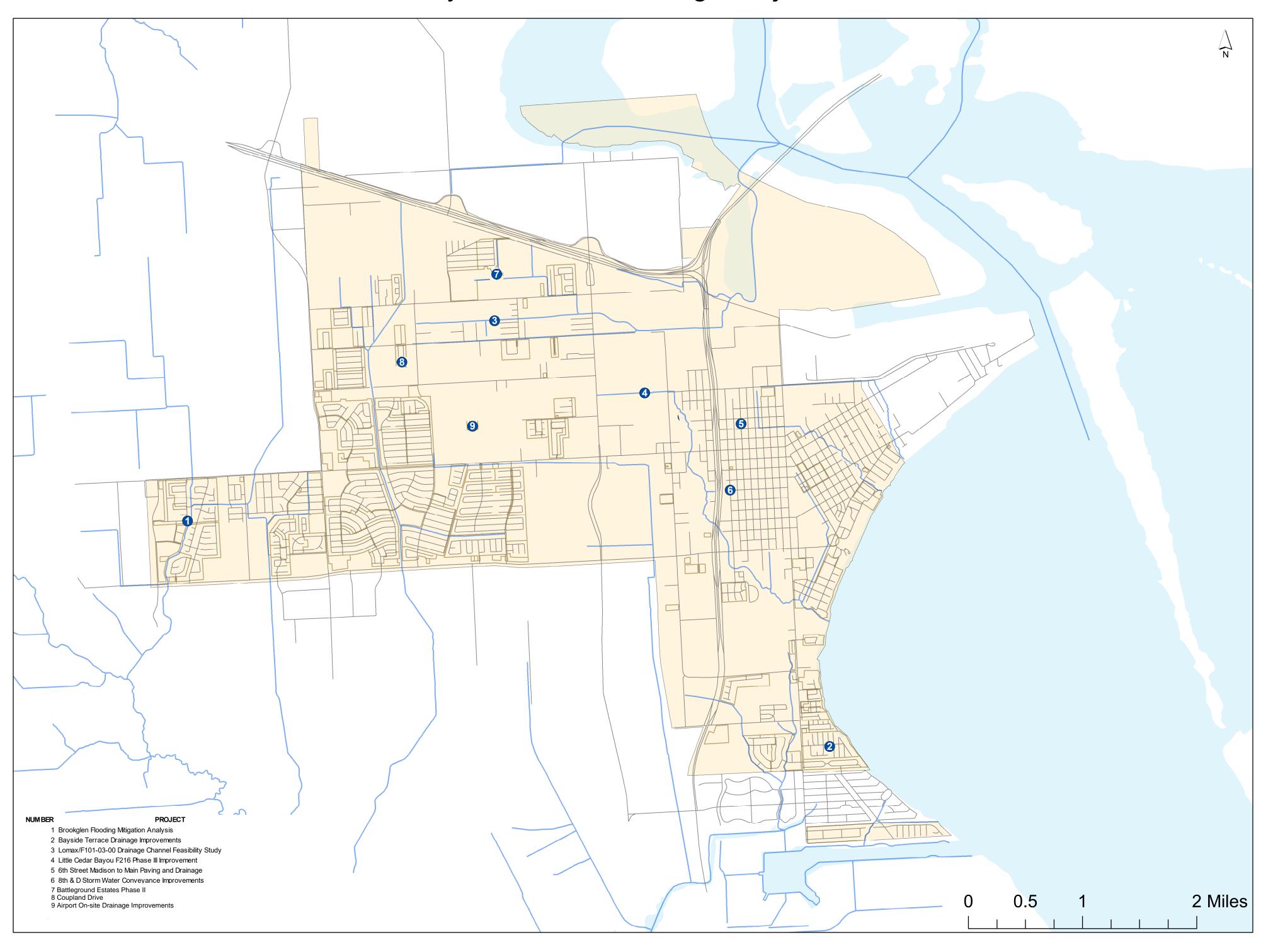






Agenda Date Requested: September 11, 2023						
Requested By: Ray Mayo, Director	Source of Funds: N/A					
Department: Public Works	Account Number: N/A					
	Amount Budgeted: N/A					
	Amount Requested: N/A					
Exhibits: Project map; Project update chart and Harris County Drainage Network Map	Budgeted Item:					
SUMMARY & RECOMMENDATION Refer to attached exhibit(s) for updates on various drainage projects throughout the City.						
ACTION REQUIRED BY DRAINAGE AND FLOODING COMMITTEE						
Receive report, and provide staff with direction, as necessary.						
Receive report, and provide staff with dire						
Receive report, and provide staff with dire						
Receive report, and provide staff with direction Approved for Drainage Committee Agenda						
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-						

The City of La Porte Drainage Projects 2019

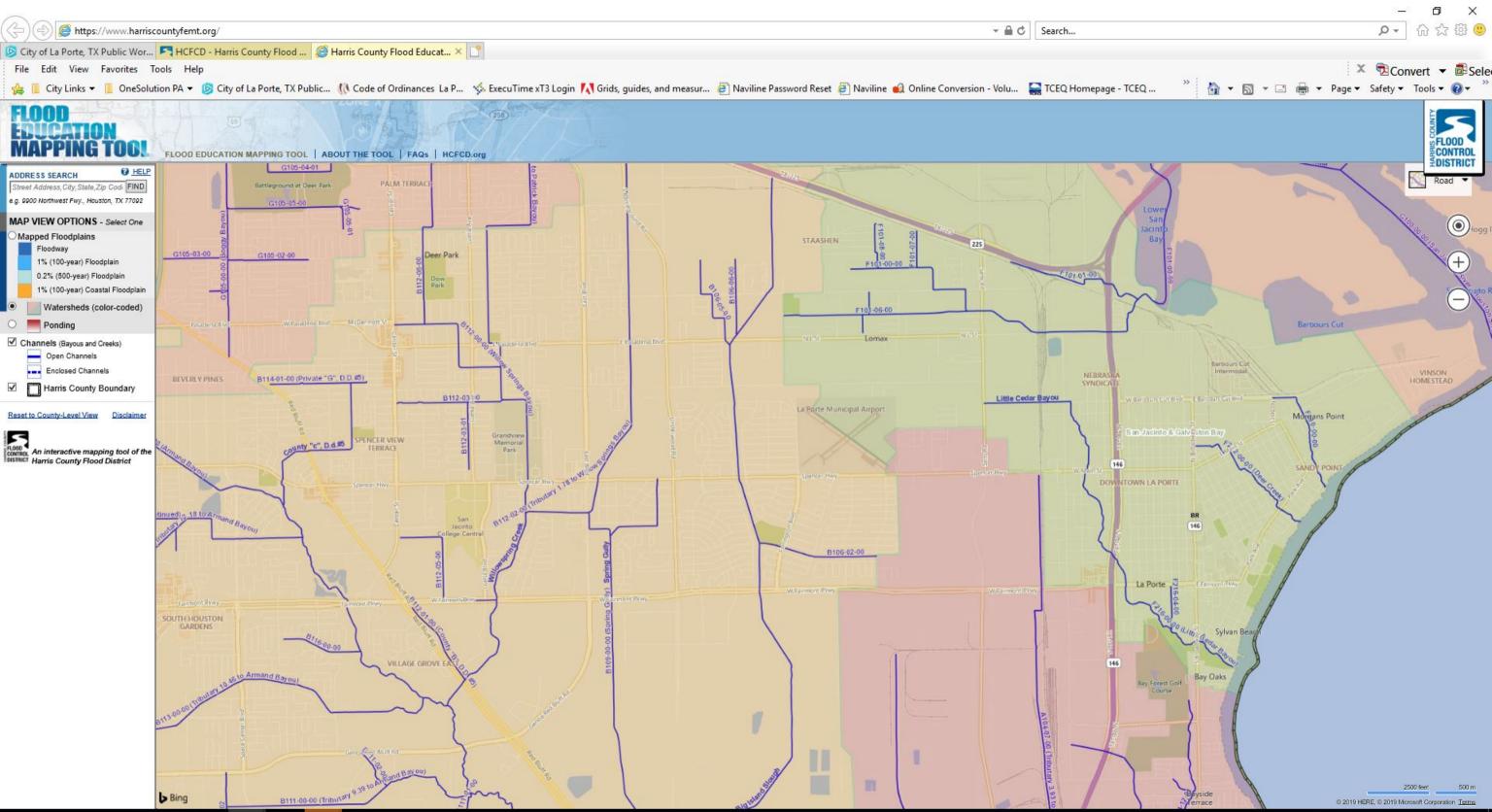


DRAINAGE PROJECTS

*Estimated completion date references total project completion.

**% complete references percent completion of current project phase.

7,0 001	p.o.c rozoronoco p	- Control Completion	or current project phase.			Anticipated			COLP			
NO.	PROJECT	PROJECT MANAGER	DESCRIPTION	PROJECT PHASE (Feasibility/Preliminary Design/Final Design/Bidding/Construction)	Status	Construction Cost	Potential Grant Funding	Potential COLP Cost Share	Budgeted Amount	Estimated Completion Date	% Complete (Phase)	On Schedule
1	Brookglen Flooding Mitigation Analysis	HCFCD / Public Works	improvements recommended within the City-wave Drainage Study Good reduce the ricod risk within the Brook glen area. This analysis would expand upon the recommendations provided within 2009 study.	HCFCD (NCRS) - Final Design; COLP -	The existing conditions drainage model is being developed utilizing felet data and record trainage, preliminary modeling results indicate that the existing storm sewer is undersized for current indiral conditions. Staff is currently reviewing the initial drainer of the PER, received on April 24th. Final design is expected to begin upon completion of preliminary engineering, with a target construction start date of March 4, 2024. The project is expected to be completed by June 30, 2025.	\$11,400,010.00	GLO - \$4,000,000; Pct. 2 Partnership - \$2,900,023.28; ARPA - TBD;	Harris County - 24%; GLO - 33%; COLP - 42:	COLP - \$4,275,000	NCRS - TBD; Bond - TBD; COLP - TDB	NCRS - 35%; COLP - 0%	NCRS - Yes Bond - No COLP - TBD
2	Bayside Terrace Drainage Improvements	Public Works	Approximately 800 linear feet of RCP pipe, ranging in size from 15° to 24°, exists within the Bayulet Farence Subdivision, which has not been properly maintained due to access issues attributed to limited access to Infrastructure, provided within a five floor convey advantage of the proteins of Hamilton Street and Fonders Steel utilize this system to convey advantage to its outfail point of Galveston Bay. The system fails to function of the steel proteins of the system to convey advantage to the system of the syste	Bidding	Bid advertisements were published on April 6th and April 13th. A pre-bid conference was held on April 16, 2023. Bids are due on May 3rd.	\$8,821,834.36	Pct. 2 Partnership - \$2,982,496	Harris County - \$2,982,496; COLP - \$4,356,041	\$5,405,000.00	TBD	75%	Yes
3	Lomax/F101-03-00 Drainage Channel Improvements	HCFCD	Harris County Flood Control Districts (HCFCD) F10-06-00 Channel system conveys some water runoff from the clonar seria and ultimately outsile into Lower Sen Jacinto Bay. The downstream section of the channel has been improved to ultimate capacity. An existing pipeline confortior, containing several pipelines isolated at depths ranging approximately 2 to 18; cross the channel, limiting the depth of potential channel improvements. Moderathelway rain events, compounded with backwater conformation from this section of the channel, contributes to wide-spread flooding within the Lonax Area.		HCFCD extended the limits of the initial drainage study to include the area from Valleyview to Lomax School Road. New project limits are currently being evaluated by HCFCD to determine additional project options.	\$3,400,000.00	HCFCD Bond; ARPA - TBD	50/50	\$950,000.00	TBD	75%	No
4	Little Cedar Bayou F216 Phase III Improvements	HCFCD / Public Works	stabilization; and celesting is planned to maintain existing conveloped capacity, rices aministrance operations are projected to begin late 4th quarter 2016 or early 1st quarter 2019 (celendar year). The following Phase III miligation action is proposed, as recommended within the Hydraulic Analysis for Little Goder Bayror Waternhed HCFCD Unit P216-00-00 levering the four line of the Bayror 1 - 2 feet, from W Mediston to Sen RG Current channel side shops would be modified to achieve 31 side elipses from W Mediston to Sen RG Current channel side shops would be modified to achieve 31 side elipses from W Mediston to Sen RG Current channel side shapes would be modified to achieve 31 side elipses from W Mediston to Sen RG Current channel side statistical 2010,000 could yeards are to be executed from the channel. Over execution provided to yield sufficient storage volume in the pond after silitation and build-up in the north hothory.	Feasibility	The feasibility of several project options are being evaluated. The consultant is evaluating an additional project alternative that was not previously considered. The draft of the preliminary engineering report will be deleyed, to allow for the new alternative to be evaluated. Staff, consultant, and HCPCD, participate in bi-weekly project status meeting to discuss project progression.	TBD	HCFCD Bond - \$8,000,000; ARPA - TBD	\$2,000,000.00	\$3,055,232.00	TBD	60%	No
5	6th Street Madison to Main Paving and Drainage	Public Works	The segment of 6th St from W. Madison St to W. Main St is considered part of Old La Porte, which was generally noted in the Chyl-Wide Drainage Study as not having sufficient storm sewer capacity due to undersized storm sewer, undersized storm lines. or not enough storm lines. RPS-KOLZ provided an analysis of the existing storm sewer system and identified problem areas within the project limits. Additional analysis is required to determine most efficient improvement alternative.	Phase 2 - Final Design	Drainage Impact Analysis has been approved by HCFCD. Staff is coordinating with HCFCD for mitigation credits. USACE has acknowledged receipt of pre-construction noice. The project solicitation packet has been prepared, but the advertisement is on hold, pending USACE approval.	Phase 2 - \$3,400,000	Phase 2 - \$3,472,757	\$125,000.00	\$1,140,000.00	Phase 2 - TBD	Phase 2 - 90%	Phase 2 - Yes
6	8th & D-Storm Water Conveyance Improvements	Public Works	The area generally bounded by 8th Street to the west, Main Street to the north, 5th Street to the east, and 10-8treet to the south experiences flooding during heavy rain events due to undersized evidents within the earn. Increasing evident sizes within the area will provide additional conveyance capacity within the existing open ditch system.	Completed	This · project · has · been · incorporated · into · the · 7th · Street Rehabilitation · Project · Construction · activity · began · on · September 13, 2021 · Storm sewer related infrastructure is · 100% complete.	\$4,800,000.00	N/A	N/A	\$4,867,000.00	February 2023	100%	Yes
7	Battleground Estates Phase II	Public Works	A proposed conditions hydralist model was developed during the prelimitary design for the N P Street Cubert Improvement Project, with recommended replacing the upstream portion of the existing composite structure at N P Street, with structure matching the downstream portion of the composite structure at N P Street, with structure can be composited to the composite structure. That project allows for full utilization of the structure's capacity, as well as protect the channel during rainfall events are considered from the composite structure. The project allows for the composite structure is a more detailed Final 2 engineering enalysis of segments Fin0-000 and FI0-10-00. On that are upstream of N P Street, as well as an evaluation of the roadside dicth drainage conclusive within Bellingscand Estates should be performed to identify necessary would evaluate the impacts of culverts located upstream of N P Street, along Fi0-10-00 or sessifing from the 10-5.00, and fo0-year rain event. Channel improvements, and increasing culvert sizes to provide sufficient capacity within culverts along the roadside others are the anticipated midgation desirable middle structure.	Feasibility	Staff is re-considering utilization of ARPA funding on this project, as ARPA funding may be reallocated to higher priority projects.	TBD	ARPA - TBD	50/50	\$215,000.00	August 2023	0%	No
8	Coupland Drive	Public Works	The processed storm sewer improvements include re-aloping Coupland Drive to drain towards intels tocated throughout the subdivision. The inflows will drain into proposed storm sewer ranging in size from 24' to 30' ReDr. This storm sever will then stow underneath the existing roadside drain along L. Street to a combined outfail with the assisting roadside drain along L. Street to a combined outfail with the assisting roadside drain to log island Slough. The proposed storm sever underneath the satisfiest of the storm of t	Bidding	The bis solicitation advertised on September 15th, as part of the Lomax LH Station Consolidation Project. Bist were received in December 2023, but exceeded the budgeted amount. The bid was reject by Council at the January 9th meeting. Staff is working with the Texas Water Development Board (TXWDB) to determine the most appropriate approach to proceed with the Lomax LH Station Consolidation Project. Future advertisement of the Coupland Drive project will be contingent upon direction necleved from the TXWDB.	\$1,550,000.00	N/A	N/A	\$1,310,000.00	TBD	50%	Yes





Agenda Date Requested: September 11, 2023	Appropriation				
Requested By: Ray Mayo, Director	Source of Funds:	N/A			
Department: Public Works	Account Number:	N/A			
Report	nance Amount Budgeted: N/A				
	Amount Requested:	N/A			
Exhibits:	Budgeted Item:	C Yes C No			
SUMMARY & RECO		evious items.			
ACTION REQUIRED BY DRAINAGE Receive report, and provide staff with dire					
Approved for Drainage Committee Agenda					