

October 13, 2020
City Council
Regular Meeting
7:00 p.m.



Julie Masters, Mayor
Charles Suderman, Mayor Pro Tem
Sean Skipworth
Walter Wilson

AGENDA

City of Dickinson
CITY COUNCIL
REGULAR MEETING

Wally Deats
Louis Decker
William H. King III
Chris Heard, City Administrator

October 13, 2020

NOTICE is hereby given of a **REGULAR MEETING** of the City Council for the City of Dickinson, County of Galveston, State of Texas, to be held on **Tuesday, October 13, 2020**, at **7:00 p.m.** at: 4403 Highway 3, Dickinson, Texas 77539 for the purpose of considering the following numbered items.

In accordance with order of the Office of the Governor issued March 16, 2020, the City Council of the City of Dickinson, Texas will **conduct the meeting by telephone and online video conference** in order to advance the public health goal of limiting face-to-face meetings (also called "social distancing") to slow the spread of the Coronavirus (COVID-19).

The public may use any of the following toll-free dial-in numbers to participate telephonically in the meetings: 877-853-5257, 888-475-4499, 833-548-0276, or 833-548-0282 Meeting ID: 965 6488 8835, Passcode 77539.

The public may use the following Uniform Resource Locator (URL) to participate by video conference in the meetings:

<https://zoom.us/j/9656488835?pwd=RzV3eUk0azlLUWR5bDVMa00xMIRYUT09>

The City Council of the City of Dickinson, Texas, reserves the right to meet in a closed session on any of the below items should the need arise and if applicable pursuant to authorization by Title 5, Chapter 551, of the Texas Government Code.

ITEM 1.) CALL TO ORDER AND CERTIFICATION OF A QUORUM

ITEM 2.) INVOCATION

ITEM 3.) PLEDGE OF ALLEGIANCE

ITEM 4.) PROCLAMATIONS

ITEM 5.) ANNOUNCEMENTS AND PRESENTATIONS:

A. Council Comments

ITEM 6.) REPORTS

A. Update on Activities of the Houston-Galveston Area Council (Council Member King).

B. Update on Activities of the Dickinson Bayou Watershed Partnership (Council Member Decker).

ITEM 7.) PUBLIC COMMENTS: At this time, any person with city-related business may speak to the Council. In compliance with the Texas Open Meetings Act, The City Council may not deliberate. **Comments from the public should be limited to a maximum of three (3) minutes per individual speaker.**

ITEM 8.) CONSENT AGENDA: CONSIDERATION AND POSSIBLE ACTION:

The following items are considered routine by the City Council and will be enacted by one motion. There will not be a separate discussion on these items unless a Council member requests, in which event, the item will be removed from the consent agenda and discussed after the consent agenda.

A. Approval of the Minutes of the Council Workshop of September 22, 2020.

B. Approval of the Minutes of the Regular Council Meeting of September 22, 2020.

C. Approval of the Minutes of the Special Council Meeting of September 29, 2020

D. Resolution Number XXX-2020 – **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, REAPPOINTING ANDREA GREER TO SERVE AS THE CITY OF DICKINSON'S REPRESENTATIVE ON THE BOARD OF DIRECTORS OF THE SOUTHEAST TEXAS HOUSING FINANCE CORPORATION FOR A TERM OF THREE (3) YEARS BEGINNING JANUARY 29, 2020, AND ENDING JANUARY 28, 2023; AND PROVIDING AN EFFECTIVE DATE.**

E. Resolution Number XXX-2020 – **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, RATIFYING THE ACTIONS OF THE MAYOR OF THE CITY OF DICKINSON IN EXECUTING A PROFESSIONAL SERVICES AGREEMENT WITH CITY HALL ESSENTIALS; PROVIDING FOR INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.**

ITEM 9.) Resolution Number XXX-2020 – A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, AWARDED COMPETITIVE SEALED BID #2009 FOR PAVING AND DRAINAGE SERVICES TO LUCAS CONSTRUCTION AND AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE ANY AND ALL DOCUMENTS NECESSARY TO EFFECTUATE AN AGREEMENT FOR SUCH SERVICES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.

- ITEM 10.) Resolution Number XXX-2020 – A RESOLUTION OF THE CITY COUNCIL OF DICKINSON, TEXAS, AUTHORIZING THE SUBMISSION OF AN APPLICATION TO THE TEXAS GENERAL LAND OFFICE (GLO) FOR COMMUNITY DEVELOPMENT BLOCK GRANT - MITIGATION (CDBG-MIT) PROGRAM; AND AUTHORIZING THE MAYOR AND/OR CITY ADMINISTRATOR TO ACT AS THE CITY'S EXECUTIVE OFFICER(S) AND AUTHORIZED REPRESENTATIVE IN ALL MATTERS PERTAINING TO THE CITY'S PARTICIPATION IN THE COMMUNITY DEVELOPMENT BLOCK GRANT – MITIGATION (CDBG-MIT) PROGRAM.**
- ITEM 11.) Resolution Number XXX-2020 – A RESOLUTION OF THE CITY OF DICKINSON, TEXAS, AMENDING THE DICKINSON HAZARD MITIGATION PLAN WHICH INCLUDES THE CITY OF DICKINSON MITIGATION ACTIONS; PROVIDING FOR THE INCORPORATION OF PREAMBLE; ESTABLISHING CERTAIN RESPONSIBILITIES FOR REVIEWING AND IMPLEMENTING THE HAZARD MITIGATION ACTION PLAN; AND PROVIDING AN EFFECTIVE DATE.**
- ITEM 12.) Resolution Number XXX-2020 – A RESOLUTION OF THE CITY OF DICKINSON, TEXAS, AMENDING THE DICKINSON ECONOMIC DEVELOPMENT CORPORATION ADOPTED BUDGET FOR FISCAL YEAR 2019 – 2020 BY FUNDING ACCOUNTS IN BUDGET DUE TO UNFORESEEN SITUATIONS; PROVIDING A REPEALER CLAUSE, A SEVERABILITY CLAUSE, AND AN EFFECTIVE DATE.**
- ITEM 13.) Resolution Number XXX-2020 – A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, APPROVING AND ADOPTING A BUDGET FOR THE DICKINSON ECONOMIC DEVELOPMENT CORPORATION FOR FISCAL YEAR 2020-2021; MAKING APPROPRIATIONS FOR THE CITY FOR SUCH FISCAL YEAR AS REFLECTED IN SAID BUDGET; PROVIDING FOR THE INCORPORATION OF PREAMBLE; MAKING CERTAIN FINDINGS AND CONTAINING CERTAIN PROVISIONS RELATING TO THE SUBJECT; AND PROVIDING AN EFFECTIVE DATE.**
- ITEM 14.) CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Partnership between the Dickinson Economic Development Corporation and REME WILLIAM COLE, LLC or its designee, to create a Mixed-Use Commercial Development on 19.47 acres of land owned by the Dickinson Economic Development Corporation in Dickinson, Texas.
- ITEM 15.) CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Designation of City Representative and Alternate to the Houston-Galveston Area Council 2021 General Assembly.

ITEM 16.) Resolution Number XXX-2020 – A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, ACCEPTING A PROPOSAL FROM HUITT-ZOLLARS, INC. FOR INTERIOR DESIGN SERVICES FOR CITY OF DICKINSON CITY HALL; AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE ANY AND ALL DOCUMENTS NECESSARY TO EFFECTUATE AN AGREEMENT FOR SUCH SERVICES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.

ITEM 17.) EXECUTIVE SESSION: The City Council will now hold a closed executive meeting pursuant to the provision of Chapter 551, Government Code, Vernon's Texas Codes annotated, in accordance with the authority contained in:

- A. Section 551.071 – Consultation with Attorney regarding pending litigation and matters in which the duty of the City Attorney requires to be discussed in closed meeting.
- B. Section 551.074 – Personnel Matter – Discussion to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline or Dismissal of the City Secretary.

ITEM 18.) RECONVENE

ITEM 19.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Matters Discussed in Executive Session.

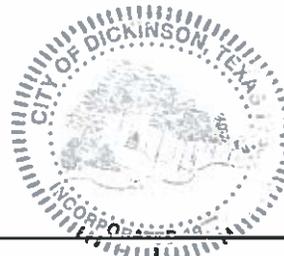
ITEM 20.) ADJOURN

CERTIFICATION

This is to certify that a copy of the Notice of the Regular City Council meeting for **Tuesday, October 13, 2020**, was posted on the bulletin board at City Hall, 4403 Highway 3, Dickinson, Texas, on this the 9th day of October, 2020, prior to 7:00 p.m.



Kerilyn Basche, Interim Assistant City Secretary



In compliance with the Americans with Disabilities Act, the City of Dickinson will provide reasonable accommodations for disabled persons attending City Council Meetings. Requests should be received at least 24 hours prior to the scheduled meeting, by contacting the City Secretary's office at 281-337-6217, or by FAX at 281-337-6190.

SUPPLEMENTAL NOTICE OF MEETINGS BY TELEPHONE CONFERENCE:

In accordance with order of the Office of the Governor issued March 16, 2020, the City Council of the City of Dickinson, Texas will conduct the regular meeting scheduled at 7:00 p.m. on Tuesday, October 13, 2020 at 4403 Highway 3, Dickinson, Texas 77539 by telephone and online video conference in order to advance the public health goal of limiting face-to-face meetings (also called "social distancing") to slow the spread of the Coronavirus (COVID-19). [There will be no public access to the location described above.]

This supplemental written notice, the meeting agendas, and the agenda packets, are posted online at <http://www.ci.dickinson.tx.us/agendacenter>.

The public may use any of the following toll-free dial-in numbers to participate telephonically in the meetings: 877-853-5257, 888-475-4499, 833-548-0276, or 833-548-0282 Meeting ID: 965 6488 8835, Passcode 77539

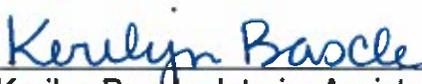
The public may use the following Uniform Resource Locator (URL) to participate by video conference in the meetings:

<https://zoom.us/j/96564888835?pwd=RzV3eUk0azILUWR5bDVMa00xMIRYUT09>

Meeting ID: 965 6488 8835, Passcode 77539

The public will be permitted to offer public comments telephonically or via video conference as provided by the agendas and as permitted by the presiding officer during the meetings.

A recording of the meetings will be made and will be available to the public in accordance with the Open Meetings Act upon written request.


Kerilyn Basole, Interim Assistant City Secretary



ITEM 1

**Call to Order and
Certification of a
Quorum**

**CITY OF DICKINSON, TEXAS
CITY COUNCIL MEETING
ATTENDANCE LIST**

**MEETING DATE: October 13, 2020
Regular Meeting**

<u>MAYOR/COUNCIL</u>	<u>PRESENT</u>	<u>ABSENT</u>
MAYOR JULIE MASTERS	_____	_____
POS. 1: COUNCILMEMBER CHARLES SUDERMAN	_____	_____
POS. 2: COUNCILMEMBER SEAN SKIPWORTH	_____	_____
POS. 3: COUNCILMEMBER WALTER WILSON	_____	_____
POS. 4: COUNCILMEMBER WALLY DEATS	_____	_____
POS. 5: COUNCILMEMBER LOUIS DECKER	_____	_____
POS. 6: COUNCILMEMBER WILLIAM KING	_____	_____
<u>ALSO IN ATTENDANCE:</u>		
City Attorney David W. Olson	_____	_____
City Administrator Chris Heard	_____	_____
Finance Director Penny Hunter	_____	_____
City Secretary Alun W. Thomas	_____	_____
Director of Community Services Kola Olayiwola	_____	_____
Police Chief Ron Morales	_____	_____
EMS Director Derek Hunt	_____	_____
Fire Marshal Burt Heddles	_____	_____
Court Administrator Irma Rivera	_____	_____
Library Director Julianne Lane	_____	_____
Bayou Animal Services Manager Sarah Haywood	_____	_____
Assistant to the City Administrator Kerilyn Bascle	_____	_____

ITEM 2

Invocation

ITEM 3

Pledge of Allegiance

ITEM 4

Proclamations

ITEM 5

Announcements and Presentations

ITEM 5A

Council Comments

ITEM 6

Reports

ITEM 6A

**Update on Activities of
the Houston-Galveston
Area Council**



2020 Census Update

Why is the Census Important?

\$ 3 billion

Potential cost over 10 years of just 1% undercount.

+ 25%

Texans living in Hard-to-Count Areas

36+ 3

Potential gain in US House seats



Our Voice

The Census shows how many people live in an area. This determines the number of representatives Texans have in Congress and the number of electoral votes Texas has in presidential elections.



Our Quality of Life

Much of the Federal tax money we send to Washington comes back to Texas based on Census numbers. It is important to have this money coming back to Texas to support housing, transportation, education, and other services we use.



Our Businesses

Businesses use population and demographic data from the Census to determine where to set up shop and expand. This creates jobs and generating opportunities for Texans.

Where Are We as a Region?

Location	2010 Census FINAL Self Response Rate	2020 Census Self Response Rate 8/11/20
National		63.4%
Texas	64.4%	58.5%
Austin	59.9%	54.1%
Brazoria	73.0%	59.7%
Chambers	66.0%	52.1%
Colorado	57.6%	51.1%
Fort Bend	77.0%	70.6%

Location	2010 Census FINAL Self Response Rate	2020 Census Self Response Rate 8/11/20
Galveston	68.0%	56.3%
Harris	72.0%	58.1%
Liberty	63.0%	46.1%
Matagorda	49.2%	37.6%
Montgomery	76.0%	63%
Walker	51.0%	45.2%
Waller	56.0%	50%

Location	2010 Census FINAL Self Response Rate	2020 Census Self Response Rate 8/11/20
Wharton	59.5%	52.2%
City of Sugar Land	80.0%	77.1%
City of Galveston	55.0%	42.2%
City of Houston	70.0%	54.3%
City of Katy	77.0%	70.8%
City of Pasadena	74.0%	55.8%
City of Pearland	78.0%	69.4%

How Does Our Region Compare?

58.9%

Houston-Galveston
Area Council

61.1%

Alamo Area Council of
Governments

61.7%

Capital Area Council of
Governments

63%

North Central Texas
Council of Governments

Los Angeles 62.5%

New York 58.4%

Chicago 68%

Houston 59.2%

Important Dates

> > > **SEPTEMBER 30**

Where Do We Go from Here?





TO: H-GAC Board of Directors
SUBJECT: Board Report
FROM: Chuck Wemple 
DATE: September 9, 2020

I'm looking forward to seeing you at our virtual Board of Directors Meeting next week. A summary of the September Board packet is included below.

Consent Agenda—The consent agenda includes nine items that are routine, continuation of ongoing activities, and/or opportunities to expand our service to the region. The combined items represent just over \$148,000 in contracts.

Our cooperative purchasing program, HGACBuy, has five items for authorization. Four are continuations of popular product lines, including emergency response and safety equipment; current model cars and light trucks; modular buildings; and video surveillance and security systems. We are taking our procurement of automated vehicles nationwide.

The Public Safety team is proposing to continue our highly successful Elder Justice program and expand our services into four additional counties: Chambers, Liberty, Matagorda and Wharton. The action before you is to approve our application for funding from the Office of the Governor.

Our Clean Vehicles program is continuing to improve the region's air quality by replacing older high-emission diesel engines with new cleaner technology. We are seeking approval to replace two vehicles for a total amount not to exceed \$98,076.

The consent agenda also includes approval of the August 2020 Board Meeting minutes and an increase in the funding level of our employee development training program; amount not to exceed \$50,000.

Finance and Budget Committee – will meet at **9:00 a.m.** to consider the monthly financial report, quarterly investment report, and finance-related items on the Board agenda.

Community and Environmental Planning - H-GAC's Livable Centers program assists counties, cities, and neighborhoods revitalize their communities and increase opportunities for transportation funding that can improve quality of life. The program is about to enter its 13th year with a new round of funding. We have three Livable Centers items for your consideration. The first will establish H-GAC's agreement with TxDOT to receive funding for the new round; amount not to exceed \$1,700,000. The second item will establish agreements for the locally funded portions of three studies that will be completed in Clute, Southeast Houston, and Harris County Precinct 2; total amount not to exceed \$126,270. The third and final pertains to consultant selection for the Seabrook Livable Centers project, which is part of the previous round and will be our 36th project; amount not to exceed \$194,000.

The U.S. Economic Development Administration has increased our funding level for our regional economic development program and management of the Gulf Coast Economic Development District. The funding will cover a three-year period. We are requesting approval to enter into contract with the Economic Development Administration for planning and coordination activities; amount not to exceed \$262,500.

Water Resources Committee – is meeting each month to identify and support flood mitigation projects of regional significance for H-GAC’s 13 counties. The committee is focusing on opportunities for our region to engage in the Texas General Land Office call for projects, and other State and Federal funding opportunities that could bring critically needed mitigation funds to our region. We will have an update from the committee and possible action on recommendations.

H-GAC 2020 Advisory Committee Appointments– We have nominations to the Aging and Disability Advisory Committee, Houston-Galveston Area Local Development Corporation, Natural Resources Advisory Committee, and the Solid Waste Management Committee for your consideration this month. Feel free to contact me if you have questions regarding nomination opportunities.

Proposed H-GAC Bylaws Amendment – As an agency, we have met many challenges posed by the disruptions of the COVID-19 pandemic head on and continued to conduct meetings of our Board, advisory committees, and workgroups in a virtual environment. We’ve also been able to quickly respond to opportunities as they arise due to temporary delegation of authority to the Board Officers and Executive Director on a limited number of disaster-related items which are then brought back to the Board for ratification. Minor adjustments to our agency bylaws will allow us to conduct our Board Officers nominations process using email and web-based technology (we are currently limited to physical mail or hand delivery). The addition of text that will provide for the temporary delegation of authority in very limited circumstances (i.e., Federal or State declared disasters or emergencies) can help ensure business continuity. We will discuss these possible amendments and the amendment process during our meeting next week.

Resolution – Long standing Transportation Director Alan Clark is preparing to open a new chapter in his life and career and will be retiring from H-GAC later this month. We wish Alan the best and will take a few moments to celebrate his success and pass a resolution honoring his 37 years of service to our region.

H-GAC Response to COVID-19 Pandemic – I will provide an overview of H-GAC’s work to assist our region in navigating the COVID-19 pandemic, including an update on our business continuity efforts, technical assistance webinars, and other resources available to our region.

Spotlight – The Workforce Solutions team has several examples of continuing to serve our region and find innovative ways to overcome the disruptions brought on by the COVID-19 pandemic.

2020 Mid-Year Report — Twice each year, we provide a summary of our service to the region for your review – and to share with others in your communities. The Service Report presents our performance results across all programs and ties back to the goals in our agency budget and service

plan. The mid-year Service Report is included in this month's Board packet. I'll provide an overview during the Board meeting next week.

I appreciate your engagement and deliberation on the important action items before us. Please contact me if you have any questions or would like to discuss any of the agenda items.

CW/ma
Attachment



AGENDA
HOUSTON-GALVESTON AREA
COUNCIL
BOARD OF DIRECTORS MEETING
September 15, 2020 10:00 AM

1. INVOCATION
2. PLEDGE OF ALLEGIANCE
3. PUBLIC COMMENT - Members of the public may participate by sending comments to BoardPublicComments@h-gac.com; by joining online via our website; or by dialing 1-877-853-5247 or 1-888-788-0099 (Meeting ID 938 1003 8628; Passcode 938737).
4. DECLARE CONFLICTS OF INTEREST

ACTION

5. CONSENT AGENDA

Items listed are of a routine nature and may be acted on in a single motion unless requested otherwise by a member of the Board.

- a. H-GAC BOARD MEETING MINUTES - AUGUST 18, 2020
Request approval of the minutes of the August 18, 2020 H-GAC Board Meeting. (Staff Contact: Rick Guerrero)
- b. HGACBUY - EMERGENCY PREPAREDNESS AND SAFETY EQUIPMENT
Request authorization of contracts with respondents for EP11-20 Emergency Preparedness and Safety Equipment. (Staff Contact: Ronnie Barnes)
- c. HGACBUY - AUTOMATED VEHICLE PROCUREMENT
Request authorization to negotiate a contract with the respondents listed in the Award Recommendations Table for Automated Vehicle Procurement. (Staff Contact: Ronnie Barnes)
- d. HGACBUY – CURRENT MODEL CARS AND LIGHT TRUCKS
Request authorization of contracts with respondents for Current Model Cars and Light Trucks. (Staff Contact: Ronnie Barnes)
- e. HGACBUY – NEW/LEASED MODULAR BUILDINGS AND SHELTERS
Request authorization of contracts with respondents for New/Leased Modular Buildings and Shelters. (Staff Contact: Ronnie Barnes)
- f. HGACBUY – VIDEO SURVEILLANCE ACCESS CONTROL AND SECURITY FENCING SYSTEMS
Request authorization of contracts with respondents for Video Surveillance Access Control and Security Fencing Systems. (Staff Contact: Ronnie Barnes)
- g. PUBLIC SAFETY ELDER JUSTICE PROGRAM FY2021 GRANT APPLICATION
Request authorization to apply for a FY 2021 Violence Against Women Act grant

for the Center on Abuse in Later Life and for the Executive Director to be granted the authority to apply, accept, terminate or alter such an application. (Staff Contact: Ronnie Barnes)

h. CLEAN VEHICLES AND HEAVY DUTY DIESEL REPLACEMENTS

Request authorization to enter an agreement with Paramjet Singh for acquisition of two vehicles; amount not to exceed \$98,076. (Staff Contact: Patrick Mandapaka)

i. EMPLOYEE DEVELOPMENT TRAINING

Request authorization to increase the contract with New Horizons by \$50,000 to provide continuing education to staff. (Staff Contact: Nancy Haussler)

6. FINANCE AND BUDGET COMMITTEE

Report on activities and Committee recommendations.

a. MONTHLY FINANCIAL REPORT - AUGUST 2020

Request approval of the monthly financial report ending August 31, 2020. (Staff Contact: Nancy Haussler)

b. INVESTMENT REPORT - 2ND QUARTER

Request approval of the second quarter investment report ending June 30, 2020. (Staff Contact: Nancy Haussler)

7. COMMUNITY AND ENVIRONMENTAL PLANNING

a. LIVABLE CENTERS ADVANCE FUNDING AGREEMENT

Request authorization to enter an Advance Funding Agreement with the Texas Department of Transportation to fund Livable Centers Planning Studies; total program amount not to exceed \$1,700,000. (Staff Contact: Jeff Taebel)

b. LIVABLE CENTERS PLANNING STUDIES

Request authorization of interlocal contracts total not to exceed \$126,270: \$24,840, City of Clute; \$49,680, Greater Southeast Management District; and \$51,750, Harris County Precinct 2. (Staff Contact: Jeff Taebel)

c. SEABROOK LIVABLE CENTERS STUDY

Request authorization to contract with firms in order ranked to conduct Livable Centers Study for the City of Seabrook; amount not to exceed \$194,000. (Staff Contact: Jeff Taebel)

d. ECONOMIC DEVELOPMENT ADMINISTRATION PLANNING GRANT

Request approval to enter into contract with the Economic Development Administration for planning and coordination activities; amount not to exceed \$262,500. (Staff Contact: Jillian Donatto)

8. WATER RESOURCES COMMITTEE

a. WATER RESOURCES COMMITTEE UPDATE

Request approval of Water Resources Committee recommendations to H-GAC Priority Flood Mitigation Projects list. (Staff Contact: Justin Bower)

9. H-GAC ADVISORY COMMITTEE APPOINTMENTS

a. H-GAC 2020 ADVISORY COMMITTEE APPOINTMENTS

Request approval of appointments to H-GAC advisory committees. (Staff

Contact: Rick Guerrero)

10. H-GAC BYLAWS

a. PROPOSED AMENDMENTS TO H-GAC BYLAWS

Request discussion of proposed amendments to H-GAC bylaws and authorization to mail amendment ballots. (Staff Contact: Chuck Wemple)

11. RESOLUTION

a. RESOLUTION HONORING ALAN CLARK

Request approval of resolution honoring the service of H-GAC Director of Transportation Alan Clark to H-GAC and the region. (Staff Contact: Chuck Wemple)

INFORMATION

12. EXECUTIVE DIRECTOR'S REPORT

a. RESPONSE TO COVID-19 PANDEMIC

No action requested. For information only. (Staff Contact: Chuck Wemple)

b. H-GAC SPOTLIGHT - WORKFORCE ACTIVITIES

No action requested. For information only. (Staff Contact: Mike Temple)

c. 2020 MID-YEAR REPORT

No action requested. For information only. (Staff Contact: Chuck Wemple)

d. CURRENT AND UPCOMING H-GAC ACTIVITIES

Report on current and upcoming H-GAC activities. (Staff Contact: Chuck Wemple)

13. ADJOURNMENT

In compliance with the Americans with Disabilities Act, H-GAC will provide for reasonable accommodations for persons attending H-GAC functions. Requests should be received by H-GAC 24 hours prior to the function.

H-GAC BOARD MEETING MINUTES - AUGUST 18, 2020

Background

The H-GAC Board of Directors convenes on the third Tuesday of each month at 10:00 a.m. Meeting minutes are prepared following each Board meeting to summarize any action taken and document the attendance of Board members.

Current Situation

A summary of the August 18 meeting of the H-GAC Board of Directors is attached and recommended for approval.

Funding Source

N/A

Budgeted

N/A

Action Requested

Request approval of the minutes of the August 18, 2020 H-GAC Board Meeting. (Staff Contact: Rick Guerrero)

ATTACHMENTS:

- BOARD MEETING MINUTES - AUGUST 18 2020 Cover Memo

MEETING MINUTES
H-GAC BOARD OF DIRECTORS
August 18, 2020

ATTENDANCE ROSTER

The following members of the Board of Directors (Board) of the Houston-Galveston Area Council (H-GAC) attended all or a portion of the August 18, 2020 Board meeting, via webinar and/or teleconference:

Brazoria County Commissioner Stacy Adams	City of La Porte Councilmember Chuck Engelken
Chambers County Commissioner Gary Nelson	City of League City Mayor Pat Hallisey
Colorado County Judge Ty Prause	City of Missouri City Council Member Dr. Cheryl Sterling
Fort Bend County Commissioner Andy Meyers	City of Pasadena Councilmember Cary Bass
Galveston County Commissioner Ken Clark	City of Pearland Mayor Tom Reid
Harris County Commissioner Adrian Garcia	City of Sugar Land Mayor Joe Zimmerman
Liberty County Judge Jay Knight	City of Texas City Commissioner Phil Roberts
Matagorda County Judge Nate McDonald	
Walker County Commissioner Jimmy Henry	<i>Home Rule Cities (Less than 25,000):</i>
Waller County Judge Trey Duhon	City of Dickinson Councilmember William King III
Wharton County Judge Phillip Spenrath	City of Seabrook Mayor Pro Tem Natalie Picha
	<i>General Law Cities:</i>
City of Baytown Council Member Charles Johnson	City of Waller Council Member Nancy Arnold
City of Conroe Councilman Jody Czajkoski	City of Pattison Mayor Joe Garcia
City of Friendswood Councilmember Sally Branson	<i>Independent School Districts:</i>
City of Galveston Mayor Dr. Craig Brown	Huntsville ISD Trustee Rissie Owens
City of Houston Council Member Sallie Alcorn	
City of Houston Council Member Edward Pollard (Alternate)	
City of Huntsville Mayor Andy Brauning	

The following Board members were not marked in attendance at the August 18, 2020 Board meeting:

Austin County Judge Tim Lapham	City of Deer Park Councilman Bill Patterson
Harris County Judge Lina Hidalgo	City of Lake Jackson Councilmember Ralph "Buster" Buell
Montgomery County Commissioner Charlie Riley	City of Rosenberg Mayor William Benton

CALL TO ORDER

The Board Chair, City of Waller Council Member Nancy Arnold, called the meeting to order at 10:05 a.m. on Tuesday, August 18, 2020 via Webinar and Teleconference at 1-877-853-5247.

ROLL CALL

Chair Arnold asked Rick Guerrero, Houston-Galveston Area Council Director of Intergovernmental Relations, to conduct the Board of Directors Roll Call. Mr. Guerrero conducted the Roll Call and announced that a quorum was present.

1. INVOCATION

Matagorda County Judge Nate McDonald gave the invocation.

2. PLEDGE OF ALLEGIANCE

City of Sugar Land Mayor Joe Zimmerman led the Pledge of Allegiance and the Pledge to the Texas Flag.

3. PUBLIC COMMENT

Chair Arnold invited comments from any members of the public who wished to participate during the call and asked Mr. Guerrero if any public comments had been received via email prior to the meeting. Mr. Guerrero stated that we had not received any public comments via the email address posted publicly. He then opened the floor for public comments to those who have joined the meeting via webinar or teleconference. Mr. Guerrero asked participants to limit their comments to three minutes each, after stating their name. There were no public comments on the webinar, via phone, or via online submission.

4. DECLARE CONFLICTS OF INTEREST

Chair Arnold called for any Board member with a conflict of interest to declare it at that time. There being none, Chair Arnold proceeded to the next item on the agenda.

5. CONSENT AGENDA

Chair Arnold called for the Consent Agenda and asked if there were any items that needed to be pulled for individual consideration. Hearing none, she entertained motions from the floor for approval of the eight items on the Consent Agenda. City of Dickinson Councilmember, and Vice Chair of the Board, William King moved to approve the consent agenda. Fort Bend County Commissioner Andy Meyers seconded the motion. Chair Arnold then called for a vote which resulted in unanimous approval by all members present.

The following items were acted on by approval of the consent agenda:

- a. H-GAC BOARD MEETING MINUTES – July 21, 2020** – approved minutes of the July 21, 2020 Board Meeting.
- b. HGACBUY – PARKS AND RECREATION EQUIPMENT** – authorized contracts with respondents for Parks and Recreation Equipment.

- c. **HGACBUY - AMBULANCES, EMS AND OTHER SPECIAL SERVICE VEHICLES** – authorized contracts with respondents for AM10-20 ambulances, EMS and other Special Service vehicles.
- d. **CLEAN VEHICLES AND HEAVY DUTY DIESEL REPLACEMENT ASSISTANCE** – authorized agreement with Pearland Independent School District for the acquisition of six school buses; amount not to exceed \$613,100.
- e. **UPDATE OF REGIONAL PUBLIC TRANSIT PLAN** – authorized to enter a grant agreement with the Texas Department of Transportation for the required update of the Regionally Coordinated Public Transit/Human Services Transportation Plan; to receive grant amount not to exceed \$100,000.
- f. **CLEAR CREEK WATERSHED PROTECTION PLAN** – approved to enter a contract with the Texas Commission on Environmental Quality to develop a Watershed Protection Plan for the Clear Creek Watershed; amount not to exceed \$150,468.
- g. **WATER QUALITY MANAGEMENT PLAN UPDATE** – accepted the Fiscal Year 2020 H-GAC 604(b) Water Quality Management Plan Update.

6. FINANCE AND BUDGET COMMITTEE

a. Monthly Financial Report – July 2020

Chair Arnold recognized Vice Chair King as the Chair of the Finance and Budget Committee. Vice Chair King announced that the committee met earlier this morning, with a quorum present. He then yielded the floor to Nancy Haussler, H-GAC Chief Financial Officer. Ms. Haussler presented the financial status report for the month ended July 31, 2020. She stated that considering the year we've had thus far; we are in good condition. Ms. Haussler announced that we have received most of our membership dues. She stated that we have not achieved the projections we had for the Energy Corporation to date, and she has provided foot notes concerning this matter the past few months and will give another update next month as they will probably not achieve the projections this year. Ms. Haussler stated that although the Cooperative Purchasing group is down, it is anticipated that they will increase and reach their projections for the year. She stated that the federal grant program is now underway and the state grant programs are doing better than expected, primarily in the Workforce programs. Ms. Haussler requested approval of the July 2020 Financial Report.

Chair Arnold asked for any questions from the floor. Harris County Commissioner Adrian Garcia moved to approve the Monthly Financial Report and Mayor Zimmerman seconded the motion. Vice Chair King called for the vote, which resulted in unanimous approval by all members present.

b. Investment Report - 1st Quarter

Vice Chair King once again yielded the floor to Ms. Haussler. Ms. Haussler presented the investment report for the quarter ending March 31, 2020. She stated that we have had some investments mature prior to the Federal Reserve lowering of the interest rate to 0%. Ms. Haussler stated that the second quarter report will be presented at the next Board meeting.

Commissioner Garcia moved to approve the 1st Quarter Investment Report and City of Friendswood Councilmember Sally Branson seconded the motion. Vice Chair called for the vote, which resulted in unanimous approval by all members present.

c. Benefits Insurance Coverage

Vice Chair King once again yielded the floor to Ms. Haussler. Ms. Haussler announced that each year, H-GAC procures benefits coverage for our employees with assistance from Alliant Benefits. She stated that although we typically receive a better response, we did receive several bids. Ms. Haussler mentioned that we had a very steep claim rate, and that affected our response rate. She stated that we did receive a proposal from our current provider, Blue Cross Blue Shield, with an 11% increase. Ms. Haussler stated that we are choosing to remain with our current provider to avoid disruptions in service and since the next best bid was also an 11% increase. She stated that regarding the dental coverage, MetLife is our current provider and offered an 8.62% increase; which is not surprising as each year our claims total more than 100% of the premiums paid. We have elected to switch to Humana since they offered a bid at only a 2.7% increase, with a more robust benefits package. Our other coverages such as vision and long-term disability are under multi-year policies and did not require renewal actions at this time.

Vice Chair King asked if there were any questions. City of Houston Council Member Sallie Alcorn asked how many employees and how many dependents are being covered by these health benefits? Ms. Haussler responded that 266 employees are covered and 65 employees cover their dependents (at full cost). Hearing no further questions, Chair Arnold moved to approve the Benefits Insurance Coverage and Councilmember Sally Branson seconded the motion. Vice Chair King called for the vote, which resulted in unanimous approval by all members present.

7. HUMAN SERVICES

a. Workforce System 2021 Contracts

Chair Arnold called to the floor Mike Temple, H-GAC Director of Human Services. Mr. Temple requested approval of fourth-year workforce system contracts for nine contractors within the system of 27 locations (soon to be 29). Total not to exceed \$306,340,000. This amount is slightly less than the 2020 funding due to the pandemic funding for childcare which was added to this year's budget. The amount in the contracts will serve over 525,000 people and 30,000 employers throughout the region.

Wharton County Judge Phillip Spenrath moved to approve the Workforce System 2021 contracts and Vice Chair King seconded the motion. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

b. Workforce System Public Outreach Contracts

Chair Arnold again called Mr. Temple to the floor. Mr. Temple requested approval to negotiate with Outreach Strategists and Savage Design to provide public outreach and communications service to the Gulf Coast Workforce Board and Workforce Solutions; total contracts not to exceed \$900,000 combined.

Chair Arnold asked if there were any questions. There being none, a motion to approve was made by City of Pattison Mayor Joe Garcia and seconded by Huntsville ISD Trustee Rissie Owens. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

8. WATER RESOURCES COMMITTEE

a. Water Resources Committee Update

Chair Arnold recognized Commissioner Meyers as the Chair of the Water Resources Committee and asked him to introduce the next item. Commissioner Meyers yielded the floor to Jeff Taebel, H-GAC Director of Community and Environmental Planning. Mr. Taebel announced that the committee met on August 12 and are requesting approval to elevate the Lower Brazos Flood Protection Planning Study project from Tier 3 to Tier 2 on the Priority Flood Management Projects list.

Matagorda County Judge Nate McDonald asked about the status of the Wharton/Matagorda/Colorado County/Colorado River project to have new flood gauges installed. Judge Spenrath reported that \$500,000 of the needed \$1,000,000 in funding has been secured. H-GAC Executive Director confirmed that this project should also be listed on Tier 2 and committed additional staff time for any additional research.

Commissioner Meyers moved to approve this modified item and Commissioner Garcia seconded the motion. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

9. PLANS AND PROJECTS REVIEW COMMITTEE

a. Fort Bend County FY2020 Action Plan

Chair Arnold recognized Waller County Judge Trey Duhon as the Chair of the Plans and Projects Review Committee and asked him to introduce the next two items. Judge Duhon stated that the committee met this morning at 8:30a.m. to review two items. He then yielded the floor to Jillian Donatto, H-GAC Senior Planner, Community and Environmental Planning Department. Ms. Donatto stated that H-GAC received a request from Fort Bend County to review their fiscal year 2020 consolidated action plan for consistency with H-GAC plans and review criteria. To ensure and build relationships between state and local governments as well as for non-profit and private sectors, the U.S. Department of Housing and Urban Development requires communities to submit a single, consolidated plan that spans several program areas including Community Development Block Grants and Emergency Solutions Grants among others. Overall, the Fort Bend County plan includes 19 discrete projects and the objective is to increase the supply of affordable housing; improve and expand public infrastructure and facilities; and improve and expand public services for special needs populations, especially low, very low, and extremely low income households. Ms. Donatto requested that the Fort Bend County FY2020 Action Plan be found consistent with H-GAC plans, policies and review criteria; including Our Great Region 2040, the 2020-2024 Draft Comprehensive Economic Development Strategy, and the Fair Housing Equity Assessment.

Judge Duhon moved to approve this item and Commissioner Meyers seconded the motion. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

b. Clean Diesel Emission Reduction

Chair Arnold asked Judge Duhon to continue with the Plans and Projects Review Committee. Judge Duhon yielded the floor to Andrew DeCandis, H-GAC Principal Planner for air quality policy issues, Transportation Department. Mr. DeCandis requested that the project proposed by the Coalition for Sustainable Initiatives Inc. for \$5,290,800 be found consistent with plans, policies, and H-GAC review criteria. The project will be funded by the Environmental Protection Agency's Diesel Emission Reduction Act program which accepts proposals for projects

that can achieve significant diesel emission reductions in regions designated as having poor air quality; our region is one of these areas. Mr. DeCandis reported that this project is to replace 29 diesel powered short-haul trucks with compressed natural gas versions that travel within the Houston, Dallas-Fort Worth, and San Antonio metropolitan areas.

Judge Duhon moved to approve this item and Mayor Garcia seconded the motion. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

10. H-GAC ADVISORY COMMITTEE APPOINTMENTS

a. H-GAC 2020 Advisory Committee Appointments

Chair Arnold yielded the floor to Mr. Guerrero. Mr. Guerrero stated that a greensheet had been provided to all members that included several appointments received after Board material had been distributed. He presented twenty-seven appointments to eight of the H-GAC Advisory Committees this month: Aging and Disability Advisory Committee, Area Emission Reduction Credit Organization, Criminal Justice Advisory Committee, Gulf Coast Economic Development District, Regional Air Quality Planning Advisory Committee, Regional Flood Management Committee, Regional Homeland Security Coordinating Council, and the Solid Waste Management Committee. Mr. Guerrero requested approval of the appointments to the H-GAC Advisory Committees.

Commissioner Meyers moved to approve this item and Mayor Garcia seconded the motion. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

11. EXECUTIVE DIRECTOR'S REPORT

a. Response to COVID-19 Pandemic

Mr. Wemple reported that we are encouraged by recent numbers coming from the state. He reported that H-GAC team members remain 100% remote work since March. We had begun a voluntary return to the office, but as numbers continued to increase in Harris County where our office is located and most of our team members live, we opted to resume 100% telework mode. We have deployed the agency to approximately 100 of our employees who had been using their personal computers to continue working remotely. This ensures they have proper agency tools and increases our cyber security. We have also onboarded new employees during this telework phase.

Mr. Wemple announced that since we have been in this situation longer than anyone anticipated, we are updating our telework policy. We are also anticipating proposed by-laws changes that will allow the important work of the Board to continue in our virtual environment. This will include nominations for our officers as well as General Law and Home Rule cities on our Board and other important activities.

b. H-GAC Spotlight – Our Region's Response to the U.S. Census

Mr. Wemple yielded the floor to Meagan Coughlin, H-GAC Director of Communications. Ms. Coughlin stated that she would explain where we are and where we need to be concerning the Census. She reported that according to the Texas Counts promotion, a small 1% undercount in the Census could cause Texas to lose \$3 billion over the next ten years; however, if the Census count shows that the state has grown, we can potentially gain three seats in the U.S. House of Representatives. Ms. Coughlin encouraged the Board Members to increase the self-response rates in their areas. She announced that September 30 is the last day to respond to the Census; hence, there is still time to be included in this important count.

c. Current and Upcoming H-GAC Activities

Mr. Wemple took the floor once again to report on upcoming H-GAC activities. Mr. Wemple announced that the North I-45 Expansion Project has had a lot of controversy. The Transportation Policy Council would like to acknowledge the leadership of Galveston County Commissioner Ken Clark, Chair of the Transportation Policy Council, in forming a workgroup to develop a Memorandum of Understanding to address some of the concerns. Mr. Wemple also recognized Chair Arnold, Mayor Zimmerman and Commissioner Garcia as being a part of the workgroup. Mr. Wemple reported that the Workforce Solutions 3-day job fair in East Fort Bend County was successful thanks to Council Member Dr. Cheryl Sterling with 714 people and 29 employers participating and stated that there will be another job fair in Fort Bend County soon. He announced that the budget for 2021 will be presented to the Board in October. He stated that the Legislative Committee will convene in October also. Mr. Wemple stated that there have been many exciting challenges and opportunities during his second year as Executive Director. He stated that it has been an honor to serve and make a difference in our region. He stated his goals and aspirations remain the same for the agency: to be a model of innovation; to provide meaningful public service; to work hard every day to make the region a better place; to create a workplace where the team can do their best work and grow professionally; and to demonstrate to state and federal leaders that regional councils are a wise investment of taxpayer money and that we take the responsibility of that stewardship seriously. Lastly, Mr. Wemple thanked the H-GAC staff for their hard work and showed a video montage of employees in the telework environment.

12. EXECUTIVE SESSION

a. Executive Session - Evaluation of H-GAC Executive Director

Chair Arnold announced that the Board of Directors would hold an Executive Session to conduct an annual evaluation of the Executive Director in accordance with Government Code, Title 5, Section 551.074.

The Board Members retreated to a private teleconference to convene the Executive Session at 11:25 a.m. and returned to the general meeting at 11:30 a.m.

13. EXECUTIVE SESSION - FOLLOW-UP SESSION

a. Evaluation of H-GAC Executive Director

Chair Arnold announced that the Board Members evaluated the annual performance of H-GAC's Executive Director and recommended a \$10,000 salary increase.

Vice Chair King moved to approve this item and Councilmember Branson seconded the motion. Chair Arnold called for the vote, which resulted in unanimous approval by all members present.

14. ADJOURNMENT

Having no further items to discuss, Chair Arnold adjourned the August Meeting of the H-GAC Board of Directors at 11:48 a.m.

HGACBUY - EMERGENCY PREPAREDNESS AND SAFETY EQUIPMENT

Background

H-GAC Cooperative Purchasing Program (HGACBuy) establishes contracts for a variety of products and services through competitive solicitations. Member governments are able to use the contracts to make purchases. HGACBuy received and opened eleven proposals for Emergency Preparedness & Safety Equipment on June 22, 2020. The following companies submitted proposals:

Absorbent Specialty Products	Pawtucket, RI
AeroClave LLC	Winter Park, FL
Delta Fire & Safety Inc. dba Delta Industrial Service & Supply	Port Neches, TX
FarrWest Environmental Supply, Inc.	Schertz, TX
Fisher Scientific Company LLC	Tampa, FL
Integrated Solutions Consulting Corp.	Edwardsville, IL
Municipal Emergency Services Inc	Houston, TX
Performance Health Supply Inc., dba Medco Supply Company	Amherst, NY
Rainy Falls Venture LLC dba Emergency Technical Decon	Springfield, OR
SB Acquisition LLC dba The Sandbagger LLC	Elmhurst, IL
Viking Life	Houston, TX

Current Situation

This contract is a continuation of an existing contract in our portfolio, consisting of personal protective equipment such as eye/hearing and head/hand protection to specialized suits for hazardous material handling by emergency response and recovery workers. There are four new contractors. All proposals have been evaluated by H-GAC staff. Ten proposals are being recommended for award. Viking Life was deemed non-compliant due to required documentation not being provided. Request authorization to negotiate contracts with each respondent listed in the Award Recommendation Table; and as may be applicable, to extend contract assignments to other authorized entities during the contract period.

Funding Source

Participating local government purchases

Budgeted

N/A

Action Requested

Request authorization of contracts with respondents for EP11-20 Emergency Preparedness and

ATTACHMENTS:

▫ EP11-20 Award Recommendation Table

Cover Memo

EP11-20 Award Recommendation Table

Proposer	Product/Services
Absorbent Specialty Products	Water gate/flood gates for minimizing water intrusion. Applicable industries: government, universities, and hospitals etc.
AeroClave LLC	Portable decontamination systems for facilities, vehicles, and equipment. Devices are used for immediate response to infectious disease/biohazard incidents, as well as for proactive use to minimize the risk of infection and illness.
Delta Fire & Safety Inc. dba Delta Industrial Service & Supply	Personal Protective Equipment (PPE) for emergency response and recovery workers, including, fire hose, boots, bunker coats, pants, gloves, helmets, fire-fighting foam and related equipment, thermal image cameras, and drones.
FarrWest Environmental Supply, Inc.	Maintenance and calibration services to first responders, government agencies, educational institutions, research labs and private entities throughout Texas, Oklahoma, and beyond. Safety products such as personal protective equipment and rescue supplies in addition to 24/7 support to the above listed entities.
Fisher Scientific Company LLC	Safety equipment to a broad range of customers with a large emphasis on first responders. Diverse catalog of products, from simple eye/hearing and head/hand protection, to specialized suits for hazardous material handling to instrumentation for chemical and radiation detection (plus the ability to service and train on this instrumentation).
Integrated Solutions Consulting Corp.	Provide the ability to license the Odysseus™ software product. Odysseus™ is a cloud-based program management system that offers emergency management, homeland security, and public safety agencies a comprehensive preparedness management system that will increase operational effectiveness, ensure regulatory compliance, and maximize program efficiency.
Municipal Emergency Services Inc.	Protective clothing, disinfectant & cleaner, safety glasses, RPB T-Link Respirator etc., for multiple applications including industrial, hazmat, military, law enforcement, emergency response, biomedical and healthcare.
Performance Health Supply Inc., dba Medco Supply Company	Emergency response equipment, including from head immobilizers, back boards, splinting materials, AED's and other disaster relief items.

Rainy Falls Venture LLC dba Emergency Technical Decon	Safety equipment for emergency medical services/healthcare PPE, law enforcement PPE, seat covering for public safety vehicles
SB Acquisition LLC dba The Sandbagger, LLC	Sandbag filling machines

HGACBUY - AUTOMATED VEHICLE PROCUREMENT

Background

The H-GAC Cooperative Purchasing Program (HGACBuy) establishes contracts for a variety of products and services through competitive solicitations. Member governments are able to use the contracts to make purchases. HGACBuy received and opened three proposals for Automated Vehicle Procurement on June 30, 2020. The following companies submitted a proposal:

Beep, Inc.	Orlando, FL
Easymile, Inc.	Denver, CO
First Transit, Inc.	Cincinnati, OH

Current Situation

This contract is a continuation of an existing contract in our portfolio, consisting of automated vehicles used for public transportation. Two new manufacturers are being introduced. All bid responses have been evaluated by H-GAC staff. Three proposals are being recommended for award. Request authorization for contracts representing the best value for product items as summarized in the Award Recommendations Table; and, if applicable, to extend contract assignments to other authorized entities during the contract period.

Funding Source

Participating local government purchases

Budgeted

N/A

Action Requested

Request authorization to negotiate a contract with the respondents listed in the Award Recommendations Table for Automated Vehicle Procurement. (Staff Contact: Ronnie Barnes)

ATTACHMENTS:

▢ AV11-20 Award Recommendations Table

Cover Memo

AV11-20 Award Recommendations Table

Proposal	Product
Beep, Inc.	Ollie 2.0 Electric Shuttle
Easymile, Inc.	EZ10 Electric Shuttle and Tract Easy Electric Tractor
First Transit, Inc.	Motor EV Star Electric Mini Shuttle Bus

HGACBUY – CURRENT MODEL CARS AND LIGHT TRUCKS

Background

The H-GAC Cooperative Purchasing Program (HGACBuy) establishes contracts for a variety of products and services through competitive solicitations. Member governments are able to use the contracts to make purchases. HGACBuy received and opened seventeen bids for Current Model Cars and Light Trucks on June 18, 2020. The following companies submitted bids:

United Ford South, LLC, dba Bill Knight Ford Knight Automotive	Tulsa, OK
Caldwell Automotive Partners, LLC dba Caldwell Country Chevrolet	Caldwell, TX
Amaru Motors 3, LLC dba Charlie Clark Nissan El Paso	El Paso, TX
Chastang Enterprises Houston, LLC dba Chastang Ford	Houston, TX
Ed Morse, LLC	Dallas, TX
Grapevine DCJ, LLC	Grapevine, TX
Gunn Chevrolet, LTD	Selma, TX
Johnson-Grayson Automotive, Inc. dba Holiday Chevrolet	Whitesboro, TX
Houston Freightliner, Inc.	Houston, TX
Houston Mac Haik Dodge Jeep, LTD dba Mac Haik DCJ	Houston, TX
Lake Country Chevrolet, Inc.	Jasper, TX
Cowboy Motor Company LC dba Moore Chrysler Dodge Jeep Ram	Silsbee, TX
RRPFG, LP dba Randall Reed's Prestige Ford	Garland, TX
Caldwell Country Ford dba Rockdale Country Ford	Rockdale, TX
Sam Pack's Five Star Ford	Carrollton, TX
Silsbee Ford Inc.	Silsbee, TX
Donalson-Umphrey Automotive Group, Inc. dba Silsbee Toyota	Silsbee, TX

Current Situation

This contract is a continuation of an existing contract in our portfolio, consisting of current model cars and light trucks. There are no new manufacturers. All bid responses have been evaluated by H-GAC staff. Fourteen bids are being recommended for award. Three bidders were not awarded because they were not the lowest responsible bid. Request authorization for contracts representing the lowest responsible bidder providing best value for product items as summarized in the Award Recommendation Table; and, if applicable, to extend contract assignments to other authorized entities during the contract period.

Funding Source

Participating local government purchasers

Budgeted

N/A

Action Requested

Request authorization of contracts with respondents for Current Model Cars and Light Trucks. (Staff Contact: Ronnie Barnes)

ATTACHMENTS:

- VE11-20: Award Recommendation Table Cover Memo

VE11-20: Award Recommendation Table

HGAC PRODUCT CODES	BIDDERS
Chevrolet	
VE20A01, VE20A03-VE20A04, VE20A07-VE20A14, VE20A16-VE20A20, VE20A22-VE20A24, VE20A28-VE20A34, VE20A36, VE20A39, VE20A47	Caldwell Automotive Partners, LLC dba Caldwell Country Chevrolet
VE20A05-VE20A06, VE20A15, VE20A21, VE20A35	Gunn Chevrolet, LTD
VE20A25-VE20A27	Lake Country Chevrolet, Inc.
Chrysler	
VE20B01, VE20B03-VE20B04	Grapevine DCJ, LLC
VE20B02	Houston Mac Haik Dodge Jeep, LTD dba Mac Haik DCJ
Dodge	
VE20C01, VE20C04, VE20C06	Ed Morse, LLC
Ford	
VE20D08, VE20D10, VE20D16-VE20D17, VE20D19, VE20D21-VE20D26, VE20D28, VE20D30, VE20D32-VE20D60, VE20D67-VE20D69	Chastang Enterprises Houston, LLC dba Chastang Ford
VE20D01, VED203-VE20D04, VE20D06-VE20D07, VE20D09, VE20D12	Caldwell Country Ford dba Rockdale Country Ford
VE20D01, VE20D03-VE20D04, VE20D06-VE20D10, VE20D12, VE20D16-VE20D17, VE20D19, VE20D21-VE20D26, VE20D28, VE20D30, VE20D32-VE20D69	United Ford South, LLC, dba Bill Knight Ford Knight Automotive (Oklahoma)
Freightliner	
VE20E01-VE20E29	Houston Freightliner, Inc.
GMC	
VE20F02-VE20F04	Ed Morse, LLC
Jeep	
VE20G01, VE20G05	Ed Morse, LLC
VE20G03-VE20G04, VE20G06	Grapevine DCJ, LLC
VE20G07	Cowboy Motor Company, LC dba Moore Chrysler Dodge Jeep Ram
Nissan	

VE20H01, VE20H03, VE20H05, VE20H07, VE20H09, VE20H12-VE20H13, VE20H15- VE20H16, VE20H18-VE20H22	Amaru Motors 3, LLC dba Charlie Clark Nissan El Paso
Ram	
VE20I17-VE20I18	Ed Morse, LLC
VE20I01-VE20I09A, VE20I11-VE20I15	Grapevine DCJ, LLC
VE20I10	Johnson-Grayson Automotive, Inc. dba Holiday Chevrolet
VE20I16	Houston Mac Haik Dodge Jeep, LTD dba Mac Haik DCJ
Toyota	
VE20J01-VE20J25	Donalson-Umphrey Automotive Group, Inc. dba Silsbee Toyota

HGACBUY – NEW/LEASED MODULAR BUILDINGS AND SHELTERS

Background

The H-GAC Cooperative Purchasing Program (HGACBuy) establishes contracts for a variety of products and services through competitive solicitations. Member governments are able to use the contracts to make purchases. HGACBuy received and opened eight bids for New/Leased Modular Buildings and Shelters on June 24, 2020. The following companies submitted bids:

Affordable Drill Towers, LLC	Austin, TX
Aries Building Systems, LLC	Houston, TX
Fire Facilities, Inc.	Sun Prairie, WI
GroundFORCE Building Systems, LLC	Bryan, TX
Palomar Modular Buildings, LLC	DeSoto, TX
Precision Structures, Inc.	Pasadena, TX
Theodore Sims dba TSG Industries	Houston, TX
Vesta Housing Solutions, LLC dba Vesta Modular	Southfield, MI

Current Situation

This contract is a continuation of an existing contract in our portfolio, consisting of classrooms, educational and administrative restrooms, offices, medical health care, and other related equipment. No new equipment or categories have been added. All bid responses have been evaluated by H-GAC staff. Eight bids are being recommended for award. Request authorization for contracts representing the best value for product items as summarized in the Award Recommendations Table; and, if applicable, to extend contract assignments to other authorized entities during the contract period.

Funding Source

Participating local government purchasers

Budgeted

N/A

Action Requested

Request authorization of contracts with respondents for New/Leased Modular Buildings and Shelters. (Staff Contact: Ronnie Barnes)

ATTACHMENTS:

- MB11-20: Award Recommendations Table Cover Memo

MB11-20: Award Recommendations Table

H-GAC Product Code	Bidder
Mobile Modular	
B. Offices	
MB20AB01-MB20AB22	TSG Industries
D. Restrooms and Specialty	
MB20AD01-MB20AD02	TSG Industries
E. Stairs, Ramps, Service Rates and all other Accessories	
MB20AE01-MB20AE18	TSG Industries
Aries Building Systems	
A. Classroom, Educational and Administrative	
MB20AD01-MB20AD18	Aries Building Systems
B. Offices	
MB20DB01-MB20DB07	Aries Building Systems
C. Medical, Health Care	
MB20DC01-MB20DC03	Aries Building Systems
D. Restrooms and Specialty	
MB20DD01-MB20DD11	Aries Building Systems
Palomar Modular Buildings	
A. Classroom, Educational and Administrative	
MB20EA01-MB20EA10	Palomar Modular Buildings, LLC
B. Offices	
MB20EB01-MB20EB04	Palomar Modular Buildings, LLC
C. Medical, Health Care	
MB20EC01-MB20EC05	Palomar Modular Buildings, LLC
D. Restrooms and Specialty	
MB20ED01-MB20ED03	Palomar Modular Buildings, LLC
GroundFORCE Building Systems	
A. Classroom, Educational and Administrative	
MB20FA01-MB20AF12*	GroundFORCE Building Systems, LLC
B. Offices	
MB20FB01-MB20FB04*	GroundFORCE Building Systems, LLC
C. Medical Health Care	
MB20FC01-MB20FC09*	GroundFORCE Building Systems, LLC
D. Restrooms and Specialty	
MB20FD01-MB20FD03*	GroundFORCE Building Systems, LLC
Vesta Modular	
A. Classroom, Educational and Administrative	
MB20GA01-MB20GA26*	Vesta Housing Solutions LLC dba Vesta Modular
B. Offices	
MB20GB01-MB20GB20*	Vesta Housing Solutions LLC dba Vesta Modular
C. Medical Health Care	
MB20GC01-MB20GC18*	Vesta Housing Solutions LLC dba Vesta Modular
D. Restrooms and Specialty	
MB20GD01-MB20GD18*	Vesta Housing Solutions LLC dba Vesta Modular
TSG Industries	
A. Classroom, Educational and Administrative	
MB20HA01-MB20HA11	Theodore Sims dba TSG Industries
Affordable Drill Towers	
D. Restrooms and Specialty	
MB20ID01*	Affordable Drill Towers, LLC
Precision Structures, Inc.	
A. Classroom, Educational and Administrative	
MB20KA01-MB29KA02*	Precision Structures, Inc.

B. Offices	
MB20KB01-MB20KB11*; MB20KB12-MB20KB18*; MB20KB19-MB20KB25*	Precision Structures, Inc.
E. Stairs, Ramps, Service Rates and all other Accessories	
MB20KE01-MB20KE05*	Precision Structures, Inc.
Fire Facilities, Inc.	
D. Restrooms and Specialty	
MB20LD01-MB20LD22	Fire Facilities, Inc.

- Leasing options are available

HGACBUY – VIDEO SURVEILLANCE ACCESS CONTROL AND SECURITY FENCING SYSTEMS

Background

The H-GAC Cooperative Purchasing Program (HGACBuy) establishes contracts for a variety of products and services through competitive solicitations. Member governments are able to use the contracts to make purchases. HGACBuy received and opened three proposals for Video Surveillance Access Control and Security Fencing Systems on June 04, 2020. The following companies submitted bids:

American Surveillance Co., Inc.	Brownsville, TX
Motorola Solutions, Inc.	Chicago, IL
Wunderlich-Malec Systems, Inc.	Eden Prairie, MN

Current Situation

This contract is a continuation of an existing contract in our portfolio, consisting of surveillance equipment, controlled access, wireless duress/panic alarms, portable remote location equipment and controlled building access and other related equipment. No new equipment or categories have been added. All proposal responses have been evaluated by H-GAC staff. Three proposals are being recommended for award. Request authorization for contracts representing the best value for product items as summarized in the Award Recommendations Table; and, if applicable, to extend contract assignments to other authorized entities during the contract period.

Funding Source

Participating local government purchasers

Budgeted

N/A

Action Requested

Request authorization of contracts with respondents for Video Surveillance Access Control and Security Fencing Systems. (Staff Contact: Ronnie Barnes)

ATTACHMENTS:

- SE05-20A: Award Recommendations Table Cover Memo

SE05-20A: Award Recommendations Table

Proposer	Product Category
American Surveillance Co., Inc.	<ul style="list-style-type: none"> A. Video Surveillance Equipment B. Controlled Building Access Equipment C. Security Fencing and Related Equipment and Software D. Wireless Duress/ Panic Alarm and Instant Notification Equipment and Software E. IP-Based Video Surveillance Equipment and Managed Software F. Portable Remote Location or Special Even Surveillance Systems G. Infrared Body Imaging Systems and Software
Motorola Solutions, Inc.	<ul style="list-style-type: none"> A. Video Surveillance Equipment B. Controlled Building Access Equipment C. Security Fencing and Related Equipment and Software D. Wireless Duress/ Panic Alarm and Instant Notification Equipment and Software E. IP-Based Video Surveillance Equipment and Managed Software F. Portable Remote Location or Special Even Surveillance Systems G. Infrared Body Imaging Systems and Software
Wunderlich-Malec Systems, Inc.	<ul style="list-style-type: none"> B. Controlled Building Access Equipment E. IP-Based Video Surveillance Equipment and Managed Software

PUBLIC SAFETY ELDER JUSTICE PROGRAM FY2021 GRANT APPLICATION

Background

In late 2018, H-GAC founded the Elder Justice Program with two overarching goals: to fill gaps in critical services available to seniors who are victims of crime and to build a coordinated community response to elder abuse by establishing Multi-Disciplinary Case Review Teams throughout the H-GAC region. Thanks to a Victims of Crime Act grant, H-GAC's Elder Abuse Program is currently offering direct victim services in Fort Bend, Galveston, Harris and Montgomery counties.

Other services - training, technical assistance, a Regional Board of Experts - vital to the operation of Multi-Disciplinary Case Review Teams are outside the scope of Victims of Crime Act funding, thus requiring a second source of underwriting if H-GAC is to facilitate a coordinated community response to elder abuse across our region.

Current Situation

Women, especially minority women, are disproportionately affected by elder abuse, making the Elder Justice Program a perfect match for funding under the STOP Violence Against Women Act Formula Grant Program. If awarded, this grant would underwrite staff time and support services critical to building a coordinated community response; including making technical assistance available to law enforcement and community agencies, bringing national experts to provide in-region training on elder abuse, building a regional tracking system for elder abuse cases, sending selected prosecutors to the National Institute for Prosecuting Elder Abuse and hosting a Rural Summit on Abuse in Later Life. These services would be under the umbrella of the Center for Abuse in Later Life, to distinguish them from H-GAC's existing services to victims branded as the Elder Justice Program.

The proposed grant would also allow the Elder Justice Program to expand its direct services to victims to four additional counties (Chambers, Liberty, Matagorda and Wharton) that do not have a permanent domestic violence shelter.

Funding Source

Office of the Governor, Criminal Justice Division

Budgeted

No; will amend budget if awarded

Action Requested

Request authorization to apply for a FY 2021 Violence Against Women Act grant for the Center on Abuse in Later Life and for the Executive Director to be granted the authority to apply, accept, terminate or alter such an application. (Staff Contact: Ronnie Barnes)

ATTACHMENTS:

- PS-Elder Justice Program_FY 2021 VAWA Grant Narrative Backup Material

**FY2021 CENTER FOR ABUSE IN LATER LIFE (CALL)
H-GAC PUBLIC SAFETY DEPARTMENT, PUBLIC SERVICES DIVISION**

Background

Since 2018, H-GAC's Elder Justice Program has provided direct services to victims of elder abuse, which is expected to double between now and 2030. The rising tide of elder abuse has major implications for Texas, which has the nation's third-largest senior population but only a handful of programs designed to help older crime victims to recover and obtain protection and justice. H-GAC has always has two-part goal: (1) to fill gaps in victim services and (2) to help build a coordinated community response to elder abuse by establishing Multi-Disciplinary Case Review Teams across the H-GAC region.

At present, the Elder Justice Program is focused on building networks of community providers and on filling the #1 unmet victim need, i.e. for legal advocacy and access to basic legal tools such as protective orders and powers of attorney. The two-person staff currently assists clients in four targeted counties (Fort Bend, Galveston, Harris and Montgomery) with plans to expand to expand to all thirteen H-GAC counties in stages. Funding consists of a Victims of Crime Act (VOCA) grant that is restricted to direct victim services.

Current Situation

The Public Safety Program seeks authorization to apply for a Violence against Women Act (VAWA) grant that would fund staff time and services (technical assistance, in-region training by national experts, a shared Regional Board of Experts) that are necessary supports for launching Multi-Disciplinary Case Review Teams. These supportive services are referred to as the Center for Abuse in Later Life to distinguish them from H-GAC's own direct services for victims a.k.a. the Elder Justice Program. If awarded, the VAWA grant would also allow H-GAC to expand direct victim services to—and organize Multi-Disciplinary Case Review Teams in—the four counties (Chamber, Liberty, Matagorda and Wharton) that lack a permanent domestic violence shelter. The grant would run from September 1, 2020, through August 31, 2021.

Proposed FY 2021 Project Budget

Personnel	\$107,997
Indirect Costs	\$13,143
Supplies & Direct Operating Expenses	\$30,021
Contractual & Professional Services	\$54,155
Travel & Training	\$21,485
	<hr style="border-top: 3px double #000;"/>
Office of Governor Funds Sought	\$226,801
Required In-Kind Match	\$98,922
Total Project Cost:	<u><u>\$325,723</u></u>

Budgeted: No; will amend.
Funding Agency: Criminal Justice Division, Office of the Governor
Funding Source: CFDA 16.575 VA-Victims of Crime Act Formula Grant Program

Action Requested

Request authorization from the H-GAC Board of Directors to submit an application for FY2021 VOCA funding in an amount not to exceed \$325,723 and giving the Executive Director the authority to accept, reject, alter, or terminate the grant as deemed appropriate.

CLEAN VEHICLES AND HEAVY DUTY DIESEL REPLACEMENTS

Background

The Clean Vehicles and Heavy Duty Diesel Replacement Programs are designed to offset the added cost of replacing or retrofitting older, high-emission, diesel and gasoline engines with cleaner, low emission engines. The primary goal of the program is to reduce nitrogen oxides, a critical component in the formation of ground-level ozone.

Award amounts are based on the projected emissions that could be reduced by the project, factoring in usage patterns, engine specifications, and the fuel/technology types.

Current Situation

Staff recommendations shown in the attached table are based on each project's maximum potential emissions reduction. Actual awards are subject to available state and federal funding and will be revised to reflect the specific replacement engine's emissions characteristics when the actual replacement engines have been identified by the contractors.

H-GAC has one proposal that meets emission and cost-effectiveness criteria. H-GAC staff recommends contracting with Paramjet Singh to replace two vehicles for a total amount not to exceed \$98,076 as shown in the attached Table 1.

Funding Source

Environmental Protection Agency

Budgeted

Yes

Action Requested

Request authorization to enter an agreement with Paramjet Singh for acquisition of two vehicles; amount not to exceed \$98,076. (Staff Contact: Patrick Mandapaka)

ATTACHMENTS:

▫ Attachment - Table

Table

Table 1 Clean Vehicles Program

Applicant	Vehicles Replaced	Total Project Amount	EPA Amount	Contractor Amount	Total Nitrogen Oxides Emission Reductions Received (tons/year)
Paramjet Singh.	2	\$98,075.90	\$73,556.92	\$24,518.98	1.524

GRAND TOTAL \$98,075.90

EMPLOYEE DEVELOPMENT TRAINING

Background

In February 2020, the Board approved an agency-wide training program to provide thoughtful and meaningful development for the H-GAC staff. The goal was to begin the implementation of the program this year and modify it in the future by developing and incorporating relevant training topics to meet the changing needs of the agency.

Current Situation

H-GAC negotiated a contract with New Horizons Computer Learning Centers. Through New Horizons, the agency currently provides 23 courses to staff including Microsoft Office programs and project management courses. The trainings have been very popular and successful during this time of remote working with more than 80 staff members taking courses. The agency has spent approximately \$38,000 of the \$50,000 budget that the Board approved. Staff has requested additional options to be added to the available courses which would include training in negotiating, leadership, remote meeting effectiveness, team building, and Microsoft Excel.

Funding Source

Grants

Budgeted

Yes

Action Requested

Request authorization to increase the contract with New Horizons by \$50,000 to provide continuing education to staff. (Staff Contact: Nancy Haussler)

MONTHLY FINANCIAL REPORT - AUGUST 2020

ATTACHMENTS:

- Monthly Financial Report - August 2020 PDF

**HOUSTON-GALVESTON AREA COUNCIL
FINANCIAL STATUS REPORT
For the Eight Months Ended August 2020**

	Budget Year to date	Actual Year to date	Variance Dollar	%
Combined Revenues and Expenditures				
Revenues	\$ 249,446,295	\$ 263,336,695	\$ 13,890,399	6%
Expenditures	(249,163,963)	(261,805,211)	(12,641,248)	5%
Change in Combined Fund Balance	\$ 282,332	\$ 1,531,484	\$ 1,249,152	

Change in Fund Balance by Fund Type				
Change in fund balance - General Fund	\$ 53,657	\$ 23,685	\$ (29,972)	
Change in fund balance - Gulf Coast Regional 911	597,006	1,015,306	418,300	
Change in fund balance - Enterprise Fund	163,496	492,493	328,997	
Total Change in Fund Balances	\$ 814,159	\$ 1,531,484	\$ 717,325	

Variance Analysis

The presentation of the change in fund balance by fund type is intended to highlight the effects of revenue and expenditure transactions by fund. The General Fund (GF) consists of those funds not associated with grant programs or enterprise activities. The Special Revenue Fund (SRF) consists of those funds that are restricted for a specific purpose. HGAC's grant programs are in this fund. The Enterprise Fund is used to track activities of the Cooperative Purchasing program and the Energy Purchasing Corporation. The variances of specific revenues and expenditures are explained on the second page of this report.

*** The Cooperative Purchasing program has contributed \$494,245 an increase toward the Enterprise fund balance YTD, and the Energy Purchasing Corporation is reflecting a 1,752 decrease in the Enterprise fund balance.

**HOUSTON-GALVESTON AREA COUNCIL
FINANCIAL STATUS REPORT
For the Eight Months Ended August 2020**

	Annual Budget	Budget Year to Date	Actual Year to Date	Variance Dollar	%
Revenues					
General and Enterprise Fund					
Membership dues	\$ 395,538	\$ 395,538	\$ 390,790	\$ (4,748)	-1%
HGAC Energy Purchasing Corporation	130,000	86,667	61,141	(25,526)	-29%
Cooperative Purchasing fees (a)	5,200,000	3,466,667	3,283,129	(183,538)	-5%
Gulf Coast Regional 911 fees	2,574,698	1,716,465	2,649,550	933,085	54%
Interest Income	100,000	66,667	34,224	(32,442)	-49%
Other (b)	4,145,750	2,763,833	1,582,188	(1,181,645)	-43%
Total General and Enterprise Fund revenues	\$ 12,545,986	\$ 8,495,837	\$ 8,001,022	\$ (494,815)	-6%
Special Revenue Fund					
Federal Grant	\$ 3,556,065	\$ 2,370,710	\$ 605,834	\$ (1,764,876)	-74%
State Grants (c)	357,869,623	238,579,749	254,729,839	16,150,090	7%
Total Special Revenue Fund revenues	\$ 361,425,688	\$ 240,950,459	\$ 255,335,673	\$ 14,385,214	6%
Total Revenues	\$ 373,971,674	\$ 249,446,295	\$ 263,336,695	\$ 13,890,399	6%
Expenditures					
Personnel	\$ 26,432,820	\$ 17,621,880	\$ 17,858,965	\$ 237,085	1%
Pass-through funds - grant	333,717,011	222,478,007	237,779,858	15,301,851	7%
Consultant and contract services (d)	6,408,180	4,272,120	3,177,504	(1,094,616)	-26%
Lease of office space	1,947,854	1,298,569	1,104,064	(194,506)	-15%
Equipment (b)	2,014,457	1,342,971	129,186	(1,213,785)	-90%
Travel (e)	240,252	160,168	87,819	(72,349)	-45%
Other expense	2,985,371	1,990,247	1,798,788	(191,459)	-10%
Total Expenditures	\$ 373,745,945	\$ 249,163,963	\$ 261,936,183	\$ 12,772,220	5%
Excess of Revenues over(under) Expenditures	\$ 225,729	\$ 282,332	\$ 1,400,511	\$ 1,118,179	

Variances:

- a) The Cooperative Purchasing program is continuing to show signs of recovery with order volume increasing for two consecutive months. Delivery of ordered products continues to be a challenge, but improvement in that area is emerging as well.
- b) Renovations scheduled for the 1st floor of H-GAC's offices are beginning in September. This was originally scheduled for March. We anticipate spending most of the budgeted funds on this renovation in the next three months.
- c) State grant revenue and the corresponding Pass-thru expense are both higher than anticipated. This is largely due to the childcare program within Workforce Solutions. We projected a decrease of expenses by this time, and that has not materialized. There are sufficient funds to support this program expenditure.
- d) Consultant and contract services have been reduced during the office shut-down but should resume when the office reopens. Most of these contracts span the fiscal year and the expenses and corresponding revenue will occur in 2021.
- e) Travel expenses have been curtailed due to the response to COVID-19 and restrictions required by local, state, and federal governmental agencies. It is unlikely that travel expenses will meet expected levels for 2020.

INVESTMENT REPORT - 2ND QUARTER

Background

N/A

Current Situation

N/A

Funding Source

N/A

Budgeted

N/A

Action Requested

Request approval of the second quarter investment report ending June 30, 2020. (Staff Contact: Nancy Haussler)

ATTACHMENTS:

▢ Investment Report - 2nd Quarter

PDF

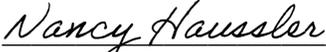
**Houston Galveston Area Council
Investment Report
For the Six Months Ended June 30, 2020**

	Book Value	Market Value	Percent of Portfolio	
Beginning Balance 12/31/2019				\$ 8,435,008.75
Certificate of Deposit (Maturity 6/11/2021) Yield 0.08% Chase Bank	1,044,734.36	1,044,777.87	12.30%	
Certificate of Deposit (Maturity 11/10/2020) Yield 0.05% Chase Bank	3,105,585.69	3,105,798.40	36.57%	
Federal Home Loan Bank Discount Note (Maturity 7/31/20) Yield 1.90% BOA Balance as of June 30, 2020	4,258,197.86	4,341,565.80	51.12%	
	\$ 8,408,517.91	\$ 8,492,142.07	100.00%	\$ 8,492,142.07
 Total Investment Income Y-T-D	 \$ 34,224.46			

The above securities are in compliance with PFIA and the investment objectives stated within the H-GAC Investment Policy.



 Jean Mahood
 Investment Officer



 Nancy Haussler
 Chief Financial Officer

LIVABLE CENTERS ADVANCE FUNDING AGREEMENT

Background

H-GAC's Livable Centers program was established to support local governments in creating quality places that provide alternatives to vehicle travel, provide opportunities for economic development, and enhance quality of life in communities. Study areas are selected based on a competitive process where proposals are evaluated using H-GAC-established criteria. Since 2008, H-GAC has worked with local partners to complete 30 Livable Centers studies. Five new studies are underway, and three more are planned.

Current Situation

H-GAC staff recommends entering into an Advance Funding Agreement with the Texas Department of Transportation to fund a new round of Livable Centers Planning studies. Funding for this work was included in the 2019-2022 Transportation Improvement Program. The agreement will cover a three-year period.

The Call for Livable Centers Call for Planning Study Partners consist of two phases. The first phase was initiated in October 2019. Three projects were identified for funding. The projects are as follows:

- City of Clute Livable Centers with the City of Clute as the local sponsor;
- Old Spanish Trail/Palm Center Livable Centers study with the Greater Southeast Management District as the local sponsor, and;
- Cloverleaf Livable Centers study with the Harris County Precinct 2 as the local sponsor.

A second call for Planning Study Partners is anticipated to begin in the Fall of 2020. This call will be designed to provide opportunities for greater flexibility in project scope and provide additional participation opportunities for underserved communities.

Funding Source

Federal: \$1,700,000 Texas Department of Transportation

Budgeted

Yes

Action Requested

Request authorization to enter an Advance Funding Agreement with the Texas Department of Transportation to fund Livable Centers Planning Studies; total program amount not to exceed \$1,700,000. (Staff Contact: Jeff Taebel)

LIVABLE CENTERS PLANNING STUDIES

Background

Since 2008, H-GAC has worked with local partners to complete thirty Livable Centers studies. Five new studies are underway, and three more are planned. H-GAC's 2019-2022 Transportation Improvement Program includes funding for a new round of studies. In January 2020, H-GAC issued a competitive call for study partners and convened a five-person evaluation committee comprised of H-GAC staff, Texas Department of Transportation staff, and past study partners to evaluate and rank applications based on H-GAC criteria. This committee recommended three studies to receive \$488,000 in federal funds for Livable Centers Planning.

Current Situation

Based on this evaluation, the committee recommends funding the three studies described below, for a total amount of \$488,000 in federal funding:

City of Clute: study area will be the community's downtown area which lacks access and connectivity to neighborhood amenities and existing transit. The study aims to provide equitable access and connectivity between the study area adjacent neighborhoods with differing economic status.

Cloverleaf: study area is in Harris County Precinct 2, located just north of the Houston Ship Channel bounded by I-10, Beltway 8, Alderson Road, and Evanston Road. This unincorporated area has a high level of economic distress and is a Harris County Target Community. The proposed study area is densely populated but lacks adequate infrastructure to support population growth and provide safe multi-modal connectivity and mobility throughout the area. This Livable Centers study will support the Cloverleaf Community Plan which highlights the need for sustained and equitable community revitalization.

Old Spanish Trail/Palm Center: study area is within the City of Houston between Old Spanish Trail and Griggs Road, from State Highway 288 to Texas Spur 5. The project will focus on developing an equitable framework for community revitalization along its emerging corridors to destinations including Palm Center, Metro rail stops and the Southeast Transit Center, and Brays Bayou/MacGregor Park. The study will evaluate the area as an Emerging Center and Corridor to foster transit-oriented development opportunities, explore the potential for innovative public-private partnerships, improve connectivity and mobility, preserve historic resources, and stimulate equitable economic development along the Old Spanish Trail/Griggs Road Corridor.

H-GAC will be the project manager for the studies and will negotiate with Texas Department of Transportation local government sponsors to develop a detailed scope of service for each study. Each local sponsor will provide a 20% local match, as well as indirect state management costs. Studies are anticipated to begin in October of 2021 and last approximately nine months each.

Funding Source

Federal: \$488,000

Local Participation: \$126,270

Budgeted

Yes

Action Requested

Request authorization of interlocal contracts total not to exceed \$126,270: \$24,840, City of Clute; \$49,680, Greater Southeast Management District; and \$51,750, Harris County Precinct 2. (Staff Contact: Jeff Taebel)

SEABROOK LIVABLE CENTERS STUDY

Background

Establishing Livable Centers is one of the strategies of H-GAC's 2045 Regional Transportation Plan. The aim of this strategy is to create more walkable, mixed-use places that provide alternatives to driving. A total of thirty Livable Centers studies have been completed. Five new studies, including Seabrook, are underway, and three more are planned.

Current Situation

The next Livable Centers study ready to begin is for the City of Seabrook and represents the Program's thirty-sixth study. The overall goal of the study is to create a plan that will enhance pedestrian, bicyclist and transit access; addressing the needs of residents, visitors, property and business owners. A committee of representatives from H-GAC, the Texas Department of Transportation, and the City of Seabrook evaluated four proposals submitted by firms on August 10, 2020. Based on the committee's scoring and evaluation of the proposals and interviews, the recommendation and ranking are shown below:

1. Freese and Nichols
2. AECOM
3. Stantec

Funding Source

Federal and Local

Budgeted

Yes

Action Requested

Request authorization to contract with firms in order ranked to conduct Livable Centers Study for the City of Seabrook; amount not to exceed \$194,000. (Staff Contact: Jeff Taebel)

ATTACHMENTS:

▢ Study Area Map

Cover Memo

Main Street Livable Center Study



 City of Seabrook
 Main Street

ECONOMIC DEVELOPMENT ADMINISTRATION PLANNING GRANT

Background

The Gulf Coast Economic Development District has applied for funding from the Economic Development Administration for 2021-2023. The District's grant amount will be \$210,000 and the term will run for three years from January 1, 2021 through December 31, 2023. H-GAC provides staff support to the Gulf Coast Economic Development District under a Memorandum of Agreement.

Current Situation

Activities to be funded under this grant will include:

- Staffing quarterly meetings of the District's Board of Directors; providing financial and administrative support.
- Providing assistance to member governments and their economic development allies; including data, strategic planning and pursuing grants.
- Producing the monthly *Economic Development Digest* e-newsletter and maintaining the District web page.
- Conducting workshops and special events; and producing publications on emerging economic development issues.
- Updating the regional Comprehensive Economic Development Strategy, as needed.

Funding Source

\$210,000 Economic Development Administration

\$52,500 Houston-Galveston Area Council

\$262,500 Total

Budgeted

No, amends H-GAC budget

Action Requested

Request approval to enter into contract with the Economic Development Administration for planning and coordination activities; amount not to exceed \$262,500. (Staff Contact: Jillian Donatto)

WATER RESOURCES COMMITTEE UPDATE

Background

The H-GAC Board of Directors Water Resources Committee has been working to identify and support flood mitigation projects of regional significance for H-GAC's 13 counties. These include capital investments, special studies, and planning initiatives. Combined, these projects will provide benefits to the entire H-GAC region. The committee is currently meeting monthly to review current project status and potential new projects to include on the H-GAC Priority Flood Mitigation Projects list. This list established a three-tiered system of priorities indicating the level of engagement and support H- GAC could provide.

Current Situation

The Water Resources Committee will meet on September 9, 2020. At this meeting, staff will provide an update on the status of the Coordinated Detention Discharge Pilot Project, as well as review project status and potential new projects for the Priority Flood Mitigation Project List.

Funding Source

N/A

Budgeted

N/A

Action Requested

Request approval of Water Resources Committee recommendations to H-GAC Priority Flood Mitigation Projects list. (Staff Contact: Justin Bower)

H-GAC 2020 ADVISORY COMMITTEE APPOINTMENTS

Background

H-GAC advisory committees are appointed by H-GAC's Board as a whole, based upon nominations from individual Board members and other groups. This month there are nominations to the Aging and Disability Advisory Committee, Houston-Galveston Area Local Development Corporation, Natural Resources Advisory Committee, and the Solid Waste Management Committee.

Current Situation

N/A

Funding Source

N/A

Budgeted

N/A

Action Requested

Request approval of appointments to H-GAC advisory committees. (Staff Contact: Rick Guerrero)

ATTACHMENTS:

- H-GAC 2020 SEPTEMBER ADVISORY COMMITTEE APPOINTMENTS Cover Memo

H-GAC SEPTEMBER 2020 ADVISORY COMMITTEE APPOINTMENTS

Aging and Disability Advisory Committee

Advise H-GAC Board on needs, services, and programs for older and/or disabled citizens in 12 H-GAC counties (all but Harris).

Nomination received for term expiring May 2021:

Name	Representing	Nominated by
Henry Laas	Waller County	Judge Duhon
Claudia Wicks	Colorado County	Judge Prause

Nomination received for term expiring May 2022:

Name	Representing	Nominated by
Thomas D. Grayson	Montgomery County	Commissioner Riley
Chamane Barrow	Centers for Independent Living	ADAC
Timothy Ornelas	LIDDA	ADAC
Mary Sotelo	LIDDA	ADAC
Kim Sheppard	Veteran Representative	ADAC
Curtis Cooper	Area Agency on Aging	ADAC

Houston-Galveston Area Local Development Corporation

Implement small business loan program by receiving loans for fixed assets; Small Business Administration provides financing.

Nomination received for term expiring May 2022:

Name	Representing	Nominated by
J. L. Kelly	Small Business	Commissioner Riley

Natural Resources Advisory Committee

This committee makes recommendations to the Board on issues related to natural resources in the Gulf Coast Planning Region.

Nomination received for term expiring May 2022:

Name	Representing	Nominated by
Larry D. Corley	Montgomery County	Commissioner Riley

Solid Waste Management Committee

Advise H-GAC Board and its member local governments on solid waste management issues.

Nominations received for terms expiring in May 2022:

Name	Representing	Nominated by
Terry R. Woodson (Primary)	Subregion 1	Commissioner Riley
Scott Graefing (Alt.)	Subregion 1	Commissioner Riley

PROPOSED AMENDMENTS TO H-GAC BYLAWS

Background

Recent events have shed light on the need to update H-GAC bylaws to better prepare and respond to public health crises and natural and manmade disasters.

Article X, Section 2 of H-GAC's bylaws calls for proposed amendments to be fully set out in writing as a ballot, and furnished to each member of the Board of Directors, at least fourteen (14) days in advance of the meeting at which amendments are to be acted upon. Each member of the Board of Directors shall execute and return the ballot in a sealed envelope in accordance with instructions contained in the ballot for tabulation by the Elections Committee. Bylaws may be amended by a three-quarters affirmative majority vote of the Board of Directors.

Current Situation

To ensure business continuity during future public health crises, and natural or manmade disasters, we are proposing the attached bylaw changes. They include:

- Updates number of members on Election Committee from 5 to 7
- Broadens language on ballot process to accommodate current and future remote situations
- Allows temporary authority to empower Board officers and Executive Director to authorize related procurements, or agreements which require immediate action related to federal, state, or locally declared emergency or disaster

Funding Source

N/A

Budgeted

N/A

Action Requested

Request discussion of proposed amendments to H-GAC bylaws and authorization to mail amendment ballots. (Staff Contact: Chuck Wemple)

ATTACHMENTS:

- ▯ Proposed Amendments to H-GAC Bylaws PDF

BYLAWS OF THE HOUSTON-GALVESTON AREA COUNCIL

ARTICLE V - OFFICES AND ELECTION

Section 2 Officer Nominations

The Chair shall annually appoint an Elections Committee, which shall consist of not less than three, nor more than ~~five~~seven members of the Board of Directors, including any past Presidents or past Chairs currently serving on the Board of Directors. The Elections Committee shall recommend nominees for the offices listed in Section 1 for consideration by the Board of Directors. The Board of Directors will select nominees for Officers not less than one month before the Annual Meeting of the General Assembly.

Section 3 Officer Election

A ballot containing the Board of Directors recommended officer nominees shall be ~~mailed~~provided to each representative of the General Assembly at least fifteen days prior to the Annual Meeting. The Ballot shall allow write-in votes to be cast for each position. Ballots shall be ~~securely sealed and~~ returned to the Elections Committee for tabulation in accordance with the instructions on the ballot form.

Section 4 Ballot Tabulation

The Elections Committee shall receive the ~~sealed~~~~secured~~secured ballots immediately prior to the Annual Meeting. The Elections Committee shall ~~open and~~ tabulate all ballots and shall announce its tabulation at the Annual Meeting. Officers shall be elected by a simple majority of the ballots cast.

ARTICLE VI – BOARD OF DIRECTORS

Section 1 Responsibility and Officers

The Board of Directors shall be the governing body of the Houston-Galveston Area Council. It shall be responsible for the general policies and programs of the Houston-Galveston Area Council and for control of its funds. The Chair of the Houston-Galveston Area Council, or if absent, the Chair Elect, or if absent, the Vice Chair, shall preside at meetings of the Board of Directors. In the event all officers are absent, members present shall designate a presiding officer. The Vice Chair shall also serve as Chair of the Board's Finance and Budget Committee, and shall attest the official actions of the Board as necessary.

In the event of a declared Federal, State, or Local emergency or disaster, and the H-GAC Board of Directors is unable to convene in a duly or special called meeting, H-GAC Board officers, can exercise temporary authority to empower Executive Director to authorize related procurements, or agreements which require immediate action related to

declared emergency or disaster. All agreements, or procurements must be presented for ratification at the next duly or special called meeting of the H-GAC Board.

RESOLUTION HONORING ALAN CLARK

Background

Alan Clark has served the Houston-Galveston Area Council since January 24, 1983 first as a transportation planner and then becoming Director for the Houston-Galveston Area Council's Metropolitan Planning Organization. Alan has led a team that developed the region's multimodal transportation plans, travel demand management solutions and programs to improve air quality and hurricane evacuations.

Current Situation

Alan has elected to retire after 37 years of distinguished public service. We present the following resolution in honor of his service to this agency and to the region.

Funding Source

N/A

Budgeted

N/A

Action Requested

Request approval of resolution honoring the service of H-GAC Director of Transportation Alan Clark to H-GAC and the region. (Staff Contact: Chuck Wemple)

ATTACHMENTS:

▢ Resolution Honoring Alan Clark

PDF



RESOLUTION

RECOGNIZING AND HONORING THE SERVICE OF ALAN CLIFFORD CLARK.

WHEREAS, Alan Clark has served the Houston-Galveston Area Council since January 24, 1983 first as a transportation planner and then becoming Director for the Houston-Galveston Area Council's Metropolitan Planning Organization leading a team that developed the region's multimodal transportation plans, travel demand management solutions and programs to improve air quality by coordinating the Houston-Galveston area's response to mandates contained in the Clean Air Act Amendments of 1990; and

WHEREAS, his history in transportation planning for the region began with his work as a transportation planner for the Metropolitan Transit Authority of Harris County and as a traffic engineering consultant; and

WHEREAS, Alan Clark dedicated his career to reducing roadway fatalities through innovative safety programs, and helping establish Houston TranStar, a regional transportation and emergency management system of highway, traffic management, police, and safety; and

WHEREAS, Alan Clark coordinated the development of an improved regional hurricane evacuation plan, including traffic management incorporating contraflow lanes on major freeways leading north and west from the Houston region; and

WHEREAS, he has held leadership roles in the Transportation Research Board and Association of Metropolitan Planning Organization and serving on the Texas A&M Transportation Institute's Advisory Board and the Advisory Board for Texas Southern University's Center for Transportation Research; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Houston-Galveston Area Council that Alan Clark be commended for his distinguished service to local governments, the region, and the Houston-Galveston Area Council and that the Houston-Galveston Area Council extends to him its gratitude for his service and wishes him continued success in all his future endeavors.

UNANIMOUSLY PASSED AND APPROVED, this 15th day of September 2020 by the

BOARD OF DIRECTORS
HOUSTON-GALVESTON AREA COUNCIL

RESPONSE TO COVID-19 PANDEMIC

Background

N/A

Current Situation

N/A

Funding Source

N/A

Budgeted

N/A

Action Requested

No action requested. For information only. (Staff Contact: Chuck Wemple)

H-GAC SPOTLIGHT - WORKFORCE ACTIVITIES

Background

N/A

Current Situation

For more information about this program, please contact Mike Temple at mike.temple@wrksolutions.net or 713-993-4524.

Funding Source

N/A

Budgeted

N/A

Action Requested

No action requested. For information only. (Staff Contact: Mike Temple)

2020 MID-YEAR REPORT

Background

Twice per year, H-GAC produces a report on agency productivity and performance.

Current Situation

The 2020 Mid-Year Report reflects planned versus actual progress at this point in the year. The report is based upon planned outcomes and performance measures included in the 2020 H-GAC Budget and Service Plan. The report also includes an analysis of progress made toward achieving goals and objectives.

Funding Source

N/A

Budgeted

N/A

Action Requested

No action requested. For information only. (Staff Contact: Chuck Wemple)

ATTACHMENTS:

▫ 2020 Mid-Year Report

MS Word



Mid-Year Report

2020

As of July 15, 2020

Houston-Galveston Area Council

Mid-Year Report – 2020

As of July 15, 2020

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PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Administration			
Project: Communication			
Implement a regional public outreach campaign for the 2020 Census.	The Houston-Galveston Area Council will conclude a comprehensive, regional public outreach campaign for the 2020 Census at the end of September. The campaign outlined strategies and tactics to target hard-to-count populations primarily in the 12 counties surrounding Harris County. Outreach tactics included a radio campaign with an emphasis on the Hispanic communities, a digital advertising campaign, a social media campaign, e-marketing and newsletters, website resources and an outreach toolkit, presentations, and a direct mail campaign. A partnership with our Houston-Galveston Area Council Board of Directors along with faith-based and community organizations, helped to expand our outreach efforts. Internal collaboration with our Workforce Solutions and aging teams, transportation, community and environmental, data services, and public services also afforded us the opportunity to expand our reach.	Achieving	Houston Endowment
Project: Government Relations			
Move to virtual meetings and webinars to engage and inform local member governments.	H-GAC Administration began its use of the Zoom platform in April to host the H-GAC monthly Board and committee meetings. In addition, the team coordinated and hosted a series of virtual COVID-19 Municipal Response Roundtables in April to provide a platform for local governments to discuss the challenges and policies enacted to address the needs of their citizens and employees. City Mayors and City Managers participated on behalf of 27 cities with 43 individuals in attendance. The team also assisted the GCEDD with outreach and engagement for its webinar on the CARES Act funding for local governments; 59 attendees participated in the June 18, 2020 event. Additionally, the video recording on GoToWebinar was viewed 33 times.	Achieving	H-GAC

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PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Administration			
Project: Procurement			
Procurement Cost Savings	The Procurement and Contracts program constantly seeks cost saving opportunities on a daily basis when performing procurement transactions for the agency. As of this mid-year update, a cost savings of \$19,611.05 has been accomplished.	Achieving	Various

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Aging			
Project: Administration			
Ensure Area Agency on Aging and Aging and Disabilities Resource Center meet or exceed federal and state performance measures.	The Area Agency on Aging (AAA) and Aging and Disability Resource Center (ADRC) meets Federal and State performance measures.	Achieving	Older Americans Act Title III
Support the Aging and Disability Advisory Committee in its planning and oversight of programs and services.	The AAA and ADRC meets bi-monthly with its Advisory Committee in its service area planning and oversight of programs and services.	Achieving	Older Americans Act Title III
Complete and implement a regional strategic plan for aging services.	Completed the AAA’s regional Area Plan. Area Plan was approved by the Board May 2020.	Achieving	Older Americans Act Title III
Project: Nutrition and Transportation			
Through the network of community providers, meet nutrition needs for at least 5,100 older individuals and carry out medical and errand transportation service for at least 850.	The Area Agency on Aging has provided 6,573 program participants with congregate and home delivered meals and provided transportation trips for 359 participants. The pandemic has increased the demand for meal delivery services and had a negative impact on transportation services.	Achieving	Older Americans Act Title III
Project: Direct Services			
Provide eligible older individuals with home repair, personal assistance, and medical support through staff case managers.	The Area Agency on Aging has provided 83 unduplicated persons with residential repair, 145 unduplicated persons with personal assistance and 94 persons with health maintenance and medical supplies and support.	Achieving	Older Americans Act Title III
Project: Education and Information			
Provide at least 2,000 health and awareness contacts for older individuals and caregivers.	Staff and service provider provided health classes to 106 unduplicated clients, resulting in 487 direct service contacts. Due to mandatory social distancing rules, service delivery declined. Virtual health awareness classes began in August 2020.	Not Achieving	Older Americans Act Title III

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Aging			
<p>Educate 6,000 individuals and caregivers with public benefit information, helping 1,000 older individuals and individuals with disabilities enroll in Medicare.</p>	<p>The benefits counseling team provided education to 1,466 individuals through 24 events. This performance is below planned performance. All educational events, health fairs, and enrollment events were cancelled due to the pandemic. Benefits counselors have begun to provide virtual outreach programs as an approach to help achieve this goal.</p> <p>The benefits counseling team assisted 708 older individuals and individuals with disabilities with unbiased and individualized help with Medicare.</p>	<p>Not Achieving</p>	<p>Older Americans Act Title III</p>
<p>Assist at least 3,000 older individuals, individuals with disabilities, and their families to access services through information, referral, and follow-up.</p>	<p>5,159 individuals with disabilities, older individuals, and family caregivers have been given information, assistance, and referral.</p>	<p>Exceeding</p>	<p>Older Americans Act Title III</p>
Project: Advocacy			
<p>Visit and engage residents and staff in at least 1,700 long-term care and assisted living facilities to advocate for residents' needs and help resolve complaints.</p>	<p>Due to the pandemic, the Ombudsman program was only able to conduct facility visits for Jan 1 – March 10, 2020 where ombudsmen conducted 174 visits to 76 nursing homes and 235 visits to the 285 assisted livings facilities in the area. Ombudsmen have maintained constant contact with facilities through email and phone calls. State Performance Measures were adjusted to reflect this challenge.</p>	<p>Not achieving</p>	<p>Older Americans Act Title III</p>

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
Project: Solid Waste Management			
Conduct long range solid waste planning activities for region including development of regional plan.	A subcommittee of the Solid Waste Management Committee was formed to guide the update of the Regional Solid Waste Management Plan. H-GAC staff and the committee have developed and distributed a survey to local governments in the region to gather information regarding waste, recycling, disaster debris preparedness, and illegal dumping enforcement programs. To date, 15 communities have completed the survey. Efforts of staff and the committee have also focused on gathering waste and recycling data for the region and developing goals and objectives to guide the region’s materials management efforts over the next 20 years.	Achieving	Texas Commission on Environmental Quality (TCEQ)
Provide storm debris response and management technical assistance to local governments.	Promoted new Environmental Protection Agency (EPA) storm debris tool via direct email, Community and Environment (C&E) Newsletter and H-GAC website.	Achieving	TCEQ
Provide technical assistance on outreach and operations to local recycling programs.	Launched a COVID-19 survey on July 9, 2020 to gain a better understanding of waste generation post pandemic. Received 18 responses from New Gen Strategies, Stage Coach, Sugar Land, Huntsville, Clear Lake Shores, Clean Harbors, Humble, Harris County, Bellaire, Nature’s Way Resources, JD Metals, Lake Jackson, Novus Systems, LaPorte, BK Killian, Cherry Companies, and TCEQ. Held Solid Waste Enforcement Workshop on March 5, 2020 with 52 attendees. Held a Solid Waste Recycling Workshop (Online) on May 21, 2020 with 45 attendees. Added Overcoming Recycling Challenges to the H-GAC website.	Achieving	TCEQ
Project: Regional Water Quality Programs			

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
Provide water quality monitoring support and coordination at 300+ locations throughout the region.	Provide support and coordination of water quality monitoring at over 300 locations throughout the region with 6 local partners.	Achieving	TCEQ
Continue to update wastewater treatment plant and On-site Sewage Facility (OSSF)databases.	Updating wastewater treatment plant (over 800 facilities) and OSSF (over 100,000 facilities) databases.	Achieving	TCEQ
Repair or replace failing On-site Sewage Facilities for low income residents.	Provided repairs or replacement of on-site sewage facilities at 39 homes in the region.	Achieving	TCEQ
Complete final report for Water Quality Management Planning Activities, August 2020.	Draft Report completed in July. Final report scheduled for approval by Natural Resource Advisory Committee on August 6, 2020. Scheduled for acceptance at H-GAC Board on August.	Achieving	TCEQ
Project: Watershed Protection Planning and Implementation			
Coordinate Trash Bash activities at 16 locations throughout the region, March 2020.	Coordinated Trash Bash Event for all locations. Event had to be cancelled due to the COVID-19 pandemic.	Not Achieving	Galveston Bay Estuary Program (GBEP)/Texas Conservation Fund
Conduct meetings with stakeholders in the San Jacinto-Brazos and Brazos-Colorado Coastal Basins to discuss appropriate implementation strategies for reducing bacteria in select watersheds, August 2020.	Held four stakeholder meetings in the San Jacinto-Brazos Coastal Basin and three stakeholder meetings in the Brazos-Colorado Basin. The meetings support development of bacteria reduction plans within the Chocolate Bay, Oyster Creek and Caney Creek watersheds. Stakeholders were encouraged to participate in selecting voluntary measures to reduce bacteria.	Achieving	TCEQ
Complete Watershed Characterization for the Cotton Bayou Watershed, August 2020.	The draft Cotton Bayou Characterization Report was completed and submitted to the TCEQ. Staff gathered and analyzed data, including solicitating input from local stakeholders. Staff is waiting on comments from the TCEQ, before finalizing the document.	Achieving	TCEQ

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
Work with stakeholders in six coastal communities to develop and utilize outreach tools to reduce nonpoint sources of pollution.	Worked with stakeholders in six coastal communities to develop an entire suite of public outreach tools that are available on the Coastal Communities Website. Tolls include information and materials about pet waste, on-site sewage facility care and maintenance, fats, oils and grease and proper trash collection and disposal.	Achieving	TCEQ
Continue Bacteria Implementation Group (BIG) coordination, submit annual report of implementation activities to BIG and TCEQ, October 2020	Conducted one-on-one meetings with BIG stakeholders to assess implementation. Held Spring Stakeholder meeting on June 2, 2020. Additional work group meetings were carried out in July 2020 to further gather implementation efforts. Completed data collection and analysis for the annual report. The annual report is being drafted in August 2020.	Achieving	TCEQ
Conduct Modeling and work with stakeholders to complete a Watershed Protection Plan for Cypress Creek, September 2020.	Modeling work is complete, and a draft watershed protection plan is in development with stakeholders, with an expected September delivery date. Participation has been excellent. H-GAC is working with partners to pursue activities and coordinate on local efforts (forestry, flood mitigation, etc.).	Achieving	TCEQ
Conduct modeling and work with stakeholders to begin the development of a Watershed Protection Plan for Spring Creek.	Preliminary stakeholder outreach and a kickoff meeting have been completed. The draft technical modeling work is complete and ready for stakeholder review. Participation is good across stakeholder categories.	Achieving	TCEQ
Project: Economic Development			

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
<p>Provide technical assistance to municipalities and organizations with Opportunity Zones to drive private investment.</p>	<p>Mapped and identified opportunity zone locations with past and future planning studies, including Livable Centers. Assisted some Economic Development Administration (EDA) applicants (including HOPE Clinic, Connect Community, San Jacinto Community College) with close proximity to opportunity zones considering project benefits in adjacent opportunity zones, in alignment with EDA investment priorities.</p> <p>With the uncertainty of the financial markets, interest in Opportunity Zone investments has waned, and the focus of the Economic Development District has shifted to technical assistance to mitigate the unprecedented economic crisis caused by the COVID-19 pandemic.</p>	Achieving	EDA
<p>Begin implementation of the recommendations from the Broadband Plan in one community in the region.</p>	<p>The Regional High-Speed Internet Strategy was approved by the Gulf Coast Economic Development District (GCEDD) and H-GAC Boards of Directors. Began working with Waller County to explore the potential for a public-private partnership with the San Bernard Electrical Coop and provided support on a potential EDA investment in the City of Dayton. Worked with Connected Nation Texas to promote broadband surveys to assess and map internet service gaps in Liberty, Walker, and Wharton counties.</p>	Achieving	EDA

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
<p>Seek EDA investments into the region through the Economic Development Assistance Program and Regional Innovations Strategies Program through technical assistance in the applications process.</p>	<p>The GCEDD has provided support to communities throughout the region on matters related to economic recovery from the COVID-19 pandemic, including a webinar on the CARES Act funding for local governments; 59 attendees participated in the June 18, 2020 event. Additionally, the video recording on GoToWebinar was viewed 33 times. The GCEDD presented on the development of our Regional Economic Resilience Plan to the National Association of Development Organizations Transportation Conference and “Summer with the CEDS” web series. Implemented Economic Recovery Resources - Weekly Update in April to help our local partners stay on top of new funding opportunities.</p> <p>Staff has provided grants technical assistance for approximately 50 projects.</p>	<p>Achieving</p>	<p>EDA</p>

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
Project: Community Planning			
<p>Promote regional floodplain, open and natural areas and conservation planning.</p>	<p>H-GAC has continued to host and facilitate quarterly meetings of the Regional Flood Management Committee and the Water Resource Committees as Board subcommittees and regional roundtables for floodplain managers and water decision-makers. H-GAC worked with Judge Sylvia of Chambers County and other Cedar Bayou Watershed stakeholders to forward the Cedar Bayou Initiative to support resiliency projects in the area. H-GAC staff has provided direct support for member governments in identifying flood project funding opportunities related to the Texas Water Development Board (TWDB) Flood Infrastructure Fund and Texas General Land Office (GLO) Community Development Block Grant Mitigation (CDBG-MIT) funding. The H-GAC Board approved H-GAC to apply to be the San Jacinto River Basin Regional Flood Planning Group sponsor (TWDB decision pending).</p> <p>H-GAC has worked with the Houston Endowment to develop a Regional Conservation Framework to identify opportunities and challenges in promoting conservation practices in local government operations and planning. H-GAC held listening sessions for 12 of 13 counties and developed a series of technical resources to support member governments thus far. H-GAC has also continued to promote urban natural areas with direct support to the City of Houston and Harris County Precinct 1 on urban forestry-based elements of source water protection and conservation planning.</p>	<p>Achieving</p>	<p>Local and Houston Endowment</p>

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
<p>Enhance local government capacity and knowledge relating to resilience and community planning through workshops and technical assistance.</p>	<p>Developed tools and datasets to assist member governments in navigating the economic impacts of the COVID-19 pandemic. Provided a rapid forecast of sales tax impacts and economic recovery scenarios for local governments. Working with five local governments to facilitate development of local government corporation to assist selected local governments with Rails-To-Trails work. Have held three Bringing Back Main Street roundtables with 131 attendees. Have held three Parks and Natural Areas roundtables with 98 attendees. In the process of developing an agenda for the 2nd Annual Rural and Small Town Downtown Revitalization Summit (October 27, 2020).</p>	Achieving	Local
<p>Continue regional housing plan efforts, such as hosting additional meetings; implementation of select plan recommendations; and potentially incorporating Harris County.</p>	<p>Developing best practice document relating to housing and resilience. Document is in draft form. Developing housing toolkit for local governments.</p> <p>H-GAC was been in conversation with Harris County and the City of Houston as they have launched a combined study of housing that will take place over the next 18 months. Several of the plan recommendations have been delayed by the COVID-19 pandemic.</p>	Achieving	Local

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
Project: Livable Centers			
<p>Conduct training workshop/technical assistance for local governments on implementing Livable Centers strategies.</p>	<p>In the process of developing the 2020 Livable Centers Workshop. The workshop will focus on parking and is scheduled for September 18, 2020. Conducted economic development evaluation of past livable center studies to identify future opportunities for project development; currently working on best practices and economic development toolbox. Mapped and identified vulnerable population overlay with past and future Livable Centers Partners. Mapped and identified opportunity zone locations with past and future Livable Centers Partners. Identified associated project recommendations and summarized for future incubation to prepare for new funding.</p>	<p>Achieving</p>	<p>Texas Department of Transportation (TxDOT)</p>
<p>Manage contracting for Livable Centers studies and select projects for FY2020 Call for Partners.</p>	<p>Completed one Livable Centers study (North Houston/GreensPoint) and four studies are underway (City of Pasadena, Eastwood, Montrose TIRZ, and City of Angleton). One study is in final phases of contract negotiations (East Aldine) and one is in final phases of procurement (Seabrook).</p>	<p>Achieving</p>	<p>TxDOT</p>
<p>Work with project Livable Centers study sponsors to prioritize projects and promote development patterns that improve safety, increase access to high speed transit, encourage walking and bicyclist opportunities, and support environmental justice.</p>	<p>Issued Call for Livable Centers Partners in October 2019. Applications are managed in two phases with a Notice of Intent due in December 2019 and all final applications due January 2020. Three viable applications were notified in March and funding amounts were negotiated in April 2020. Final local partner selection is anticipated to begin in the fall of 2020.</p>	<p>Achieving</p>	<p>TxDOT</p>

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Community and Environmental Planning			
Project: Socioeconomic Modeling			
Release the updated forecast of population, jobs, and land use.	Updated 2019 announced and planned development events. Significant progress was made in developing 2020 model parcels and model buildings database necessary for the next forecast release.	Achieving	TxDOT
Provide analytical support to Transportation Department and staff of other H-GAC programs on long-range planning and special projects.	Analytical support has been provided to the long-range planning and transit planning transportation programs, to economic development, sustainable development, and water resources programs. Completed the final draft report on Transportation Resilience and Durability to Extreme Weather Events. The report is currently under review by the Federal Highway Administration	Achieving	TxDOT
Provide data and technical assistance to local governments, public, private, non-profit organizations, and academic institutions on socioeconomic data issues.	Information support was provided to local governments and to consultants working for local governments. Socioeconomic data from the United States Census, United States Bureau of Labor Statistics, and other sources was made available for viewing and downloading on the H-GAC website. Presented at the US Census LED webinar on Job-to-Job flows in the Houston Region.	Achieving	TxDOT
Maintain and update databases and online web mapping applications with socioeconomic and land use data from federal, state, and local sources.	Databases are updated in a timely manner. The staff updated and developed new interactive mapping applications for accessing Socioeconomic, Transportation, and Resilience data. The new applications include Regional Resilience Tool, Regional Commute Flow Map, and 2019 Regional Crash data (3D).	Achieving	TxDOT

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Project: Geographic Data Workgroup			
Facilitate, coordinate, and sponsor monthly Geographic Data Workgroup meetings.	Coordinated and hosted monthly Geographic Data Workgroup meetings at H-GAC and through virtual meeting since April 2020.	Achieving	Data Sales
Facilitate the quarterly Houston Area Arc Users Group meetings.	Due to the COVID-19 pandemic, these activities have been either delayed or cancelled.	Delayed	Data Sales
Cooperative purchase of regional Business and Household databases.	Completed the cooperative purchase and distribution of the 2020 Business and Household data to 14 contributing cost-share partners.	Achieving	Interagency Cooperative Purchase
Begin distribution process for cooperative purchase of the 2020 regional aerial imagery.	Started distributing the newly acquired 2020 regional aerial imagery to 40 contributing partners.	Achieving	Interagency Cooperative Purchase
Maintain and update STAR*Map (Southeast Texas Addressing and Referencing Map).	Perform daily updates and improvements to the STAR*Map regional centerline and address point datasets using various sources.	Achieving	Maintenance Subscribers
Coordinated and sponsored the Houston Regional GIS Expo and the Houston Area GIS Day.	The Houston Regional GIS Expo was cancelled due to the COVID-19 pandemic. The Houston Area GIS Day will be held virtually in November 2020.	Delayed	Sponsorship
Manage current and historical aerial imagery acquisition, providing a platform and workflow for sharing Geographic Information System (GIS) data and analysis via online services, and supporting the GIS needs of H-GAC users and member agencies.	The maintenance to the agency GIS geodatabase and historical aerial imagery is performed routinely and the acquisition of updated aerial imagery is performed biennially.	Achieving	Data Sales

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Project: Workforce IT Support			
Provide technical and Wide Area Network support for over 900 users in twenty-eight (28) Workforce Solutions career offices in the H-GAC region.	Monitoring the Workforce Solutions wide area network operation and remedying issues by escalating trouble tickets to the network provider, repairing and replacing network equipment as needed.	Achieving	Texas Workforce Commission (TWC)
Facilitate data circuit adds, moves, and or changes for the Workforce Solutions career offices.	Responsible for ordering, installing, configuring, and connecting the new wide-area-network data circuits for new and relocated Workforce facilities.	Achieving	TWC
Maintain and update Workforce Solutions network account database, e-mail and web services.	Administering Workforce staff and contractors' emails and security needs by attending to requests for new accounts, deactivation, edits by managing the LISO (Local Information Security Officer) database.	Achieving	TWC
Maintain and provide Office 365 technical support including e-mail, SharePoint, OneDrive, and extranet services for over 900 Workforce Solutions centers employees.	Providing technical support to 900 Workforce Solutions employees including Office 365, SharePoint extranet, and OmniLert emergency notification systems. Implementing and enforcing security system policies.	Achieving	TWC
Host and maintain Childcare Financial Assistance program's web application and database.	Performing routine maintenance and backup of Childcare vendor portal. Worked with Workforce consultant to gain remote access on an as needed basis for edits, troubleshooting and bugs fixes.	Achieving	TWC
Project: Geographic Information System (GIS) Administration			
Provide GIS support, guidance, and capabilities to H-GAC GIS users. This includes developing innovative and industry best practices using our GIS software that can enable more efficient workflows and processes.	Performing maintenance to the agency enterprise GIS and data. Provide routine support, communication and encourage of GIS best practices. Facilitate ongoing GIS trainings for users to learn new and improve current skills using GIS software.	Achieving	Allocated Grant Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Maintain agency enterprise Global SDE GIS database to ensure internal GIS users have access to current data and the public access through digital download and online map services.	Continuous maintenance to the agency GIS data layers for distributing and sharing via online portal. Developing and organizing a new interface to improve GIS data downloads from the agency’s web portal.	Achieving	Allocated Grant Funds
Continue to expand usage of ArcGIS Online site to H-GAC users that can benefit from web mapping applications and capabilities.	Set up GIS projects web sites and online maps for GIS users internally and externally. Developing new interface to improve GIS data sharing and online map usage for the agency.	Achieving	Allocated Grant Funds
Work with H-GAC departments that have not traditionally used GIS to put data into a geographic format that allows for a geographic perspective.	Produced digital mapping online mapping applications, and statistical dashboards for various projects including the COVID-19 pandemic of the H-GAC’s 13-county region.	Achieving	Allocated Grant Funds
Provide and coordinate on-site and online GIS training opportunities for both GIS and non-GIS users at H-GAC as well as the public GIS community in the region.	Facilitated GIS trainings planning for H-GAC and the Geographic Data Workgroup in the region. The remainder of the 2020 training classes will be held virtually due to the COVID-19 pandemic.	Achieving	Allocated Grant Funds
Project: Information Technology Network Support			
Develop strategic plans for agency’s information technologies to support various programs need and to keep up with industry standards and trends.	Modified network configurations to support all H-GAC’s staff remote work environment using Virtual Private Network (VPN) technology. Developed guidelines for staff to access their work desktops to perform their work remotely. Deployed Microsoft Teams meeting, provided training and guidance to all staff. Revised onboarding process for new staff who would normally be in the office. Assisted Human Resource to use DocuSign e-signature to retrieve signatures of new staff.	Achieving	Allocated Grant Funds
Maintain agency’s network infrastructure, telecommunication services and enterprise data management.	Increased Internet bandwidth and upgraded VPN capacity to accommodate access for all 286 employees to remotely work from their homes during the COVID-19 pandemic. Enhanced and upgraded the ShoreTel telephone communication system for keeping H-GAC employees stay connected to external customers and the public while working remotely.	Achieving	Allocated Grant Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Maintain agency’s server and desktop computing environment.	Developed strategy for supporting desktop computers from staff’s home offices due to the uncertainty of the COVID-19 pandemic in the region. Distributed laptops to maintain productivity and connectivity during remote work due to the COVID-19 pandemic.	Achieving	Allocated Grant Funds
Provide applications support and helpdesk services.	Provided trainings on usage of Microsoft Teams to facilitate and promote in-person communication in a remote environment. Continue to provide support to staff over VPN connection and adjust to a remote work environment.	Achieving	Allocated Grant Funds
Maintain and support agency accounting system, email services, document management system and a host of databases.	Provided support, maintenance, and backup of critical agency systems and services. Collaborated with the Finance department and consultant on various projects: Agiloft contract management system, Sage human resources management system, and Electronic payments of invoices.	Achieving	Allocated Grant Funds
Maintain and support a host of applications and web services for both internal and external users.	Provided support and maintenance of web servers and GIS applications consumed by our partners and region.	Achieving	Allocated Grant Funds
Continue to maintain, update and improve agency business contingency and disaster recovery plan.	Contracted with Data Foundry for hosting equipment at the Houston 2 Data Center. The new service will include network expansion with higher bandwidth and increased power capacity to house H-GAC’s core services and the Workforce wide area network and ensure high availability.	Achieving	Allocated Grant Funds
Project: Website Support			
Update and maintain agency websites, Intranet and disaster recovery website in terms of currency and operability.	Continue to maintain the content and health of the H-GAC and Commute Solutions websites through daily content management tasks. Completed a comprehensive audit of the H-GAC website’s content and implemented various improvements.	Achieving	Allocated Grant Funds
Continuous template and functionality improvements on the H-GAC website.	Developed new interactive elements of the H-GAC website and improved existing elements.	Achieving	Allocated Grant Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Provide technical support and training to agency staff to update and edit the website contents.	Continue to support content editors in using the content management system to update the H-GAC website and provide support to the HGACBuy web development.	Achieving	Allocated Grant Funds
Provide data and analysis of website information to identify trends and make data driven decisions.	Created web analytics reports for various agency groups to inform them of the performance of their website content and help guide them in creating new content or revising existing content.	Achieving	Allocated Grant Funds
Manage web projects with consultant for various departments throughout the agency.	Worked with Local Development Corporation to develop online application for Harris County Forgiveness Loan Program. Working with consultant on implementing a new content management system (CMS). The new CMS will enhance webmasters and editor’s ability to improve website designs in creating web content.	Achieving	Allocated Grant Funds
Project: SharePoint Support			
Provide support and create feature improvements for SharePoint sites throughout the agency.	Continue to optimize agency’s SharePoint environment by developing web forms and workflows to improve business processes. Developing an information retention policy to align with record retention requirements.	Achieving	Allocated Grant Funds
Create and maintain Intranet and Extranets for departments and program staff for collaborating and conducting business with outside agencies.	Developed extranet sites for various programs to facilitate online collaboration with external partners and vendors. Continued to maintain account database and access to ensure proper information security.	Achieving	Allocated Grant Funds
Created online apps and workflows using Office 365 to accommodate H-GAC's internal business process as well as collaborating with external contractors.	Continue to develop web forms to improve internal and external business processes and to centralize the collection of data for reporting functions.	Achieving	Allocated Grant Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Provide support for the agency’s Contract management system, Agiloft, and the e-signature solution, DocuSign. The process helped H-GAC attain its goal in being a more paperless agency.	Expanded the use of electronic signature workflow to improve signatory process in a remote work environment.	Achieving	Allocated Grant Funds
Provide support, permission access, and create feature improvements for Workforce Offices SharePoint sites	Continue to optimize Workforce Solutions SharePoint environment by developing new web forms to improve business processes and workflows, including access management to ensure proper information security.	Achieving	Allocated Grant Funds
Project: 9-1-1 Emergency Communications District			
Maintain answering point equipment in all eight counties to provide display of location and phone number information from wireline, wireless Phase II, and Voice over Internet Protocol (VoIP) calls.	Staff continues to maintain answering point equipment in all eight counties to provide display of location and phone number information from wireline, wireless Phase II, and Voice over Internet Protocol (VoIP) calls.	Achieving	9-1-1 Service Fee
Maintain and provide technical assistance Mapped ALI data.	Staff continues to maintain and provide technical assistance for Mapped ALI data.	Achieving	9-1-1 Service Fee
Conduct regional TDD and telecommunicators training classes.	Regional Telecommunications Device for the Deaf (TDD) and telecommunicators training classes are on hold due to the COVID-19 pandemic.	Delayed	9-1-1 Service Fee
Maintain, support, and enhance 9-1-1 mapping for eight (8) rural counties databases.	Staff continues to maintain, support, and enhance 9-1-1 mapping for eight rural counties databases.	Achieving	9-1-1 Service Fee
Standardize 9-1-1 data for eight (8) rural counties in compliance with the National Emergency Number Association (NENA) data standards for Next Generation 9-1-1 GIS data.	Staff continues to work on standardization of 9-1-1 data for eight (8) rural counties in compliance with the National Emergency Number Association (NENA) data standards for Next Generation 9-1-1 GIS data.	Achieving	9-1-1 Service Fee

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Data Services			
Provide GIS data updates to each of the 23 Public Safety Answering Points (PSAPs) using replication to distribute the updates. Continue data replication workflow for base map data distribution to each dispatch call center and county coordinators and receive updates for 9-1-1 GIS geospatial data.	GIS updates are being provided to the 23 Public Safety Answering Points.	Achieving	9-1-1 Service Fee
Conduct field tests for Wireless Network Performance for all 23 PSAPs to ensure proper 9-1-1 call routing and maintenance of regional cell tower data.	Necessity for field testing is considered on a case-by-case basis due to the COVID-19 pandemic.	Delayed	9-1-1 Service Fee
Update and maintain 9-1-1 geospatial digital base maps for the regional enhanced 9-1-1 system the ability to accurately map wireless and landline emergency calls.	Staff continues to update and maintain 9-1-1 geospatial digital base maps for the regional enhanced 9-1-1 system the ability to accurately map wireless and landline emergency calls.	Achieving	9-1-1 Service Fee
Provide ongoing technical support and training to rural county 9-1-1 addressing coordinators for all GIS software applications.	Staff continues to provide ongoing technical support remotely. Training for rural county 9-1-1 addressing coordinators for all GIS software applications is performed remotely if necessary. Field site visits are suspended due to the COVID-19 pandemic.	Achieving	9-1-1 Service Fee
Maintain and update rural county base maps with new roads and address information	Staff continues to work with rural county 9-1-1 addressing coordinators to maintain and update rural county base maps with new roads and address information	Achieving	9-1-1 Service Fee
Expand ArcGIS Server platform to support H-GAC 9-1-1 web-based data development Processes.	Expansion of the ArcGIS Server platform to support H-GAC 9-1-1 web-based data development Processes is on hold for on-going resolution of technical issues with the software.	Delayed	9-1-1 Service Fee

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Human Services			
Project: Board Administration			
Support Workforce Board’s planning and oversight activities.	Updated strategic plan with annual performance targets and provides regular oversight reports on workforce system operations.	Achieving	TWC
Ensure workforce system meets or exceeds Workforce Board, federal and state performance measures.	Meeting 25 of the 40 Workforce Board and federal/state performance measures. The ability of staff and individuals in the Gulf Coast region has been significantly hindered by the COVID-19 pandemic. We continue to work with contractors to improve virtual service delivery and offer innovative solutions for service delivery to meet individual needs.	Not achieving	TWC
Expand community awareness for Workforce Board and Workforce Solutions.	<p>Workforce Solutions is becoming recognized as the source for information on the job market and expert advice on looking for work. We now have weekly segments with both ABC 13, FOX 26, and we field inquiries from other media outlets regularly. In total, Workforce Solutions has appeared in over 200 media stories since the COVID-19 pandemic began, with an estimated advertising value of well over \$6 million.</p> <p>With an average of 30,000 views per week, the Facebook Live segments with ABC 13 have helped expand our social media reach. We now have nearly 12,000 followers across Facebook, Instagram, Twitter and LinkedIn.</p>	Exceeding	TWC
Project: Workforce Solutions Operations			
Serve at least 28,500 businesses and 400,000 people.	We have served 19,829 businesses and over 500,000 people	Achieving	TWC
Ensure at least 77% of individuals enter employment.	85.3% of customers entered employment.	Exceeding	TWC

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Human Services			
Ensure at least 37% of all customers increase their earnings by 20% after service.	32% customers increased their earnings after service. This is an increase from prior year performance. We continue to build toward the Workforce Board’s goal of 37%.	Achieving	TWC
Help at least 75% of individuals pursuing education earn a credential.	We have assisted 81.3 % of individuals pursuing education earn a credential	Exceeding	TWC
Create at least 3,300 new jobs through partnering with economic development and local business organizations.	Created 1,367 new jobs through partnering with economic development.	Not achieving	TWC

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
Project: Regional Law Enforcement Training			
Provide 85,000 contact hours of training.	Training has been delayed due to the COVID-19 pandemic.	Delayed	Office of the Governor
Conduct two Basic Peace Officer Certification classes and 130 in-service courses.	Two classes are in progress.	Delayed	Office of the Governor
Provide coordination of Advanced Law Enforcement Rapid Response Training (ALERRT) equipment and training within the H-GAC region.	Training has been delayed due to the COVID-19 pandemic.	Delayed	Office of the Governor
Provide training on fraud and skimmers. Training will include use of skimmer detection equipment and credit card readers.	Training has been delayed due to the COVID-19 pandemic.	Delayed	Texas Department of Agriculture
Project: Criminal Justice Planning			
Develop priority funding lists for four criminal justice funding initiatives.	Created FY 2021 priority funding lists for the following Requests for Applications: <ol style="list-style-type: none"> 1. Direct Victim Services - 72 projects. 2. Violence Against Women - 12 projects. 3. Juvenile Justice - 26 projects. 4. Criminal Justice - 41 projects. Completed priority lists were submitted to the Board on June 16, 2020.	Achieving	Criminal Justice Division (CJD) Interlocal Agreement
Prepare FY 2021 Regional Criminal Justice Plan.	Community planning meetings for 12 counties will begin in October 2020.	Achieving	CJD Interlocal Agreement
Conduct eight H-GAC application workshops on criminal justice grant funding.	Conducted 10 FY 2021 grant application workshops and one webinar in January 2020.	Achieving	CJD Interlocal Agreement

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
Provide technical assistance to grant applicants and grantees.	Provided 225 hours of technical assistance to grant applicants and grantees.	Achieving	CJD Interlocal Agreement
Support development of regional programs.	Supporting Law Enforcement training, Advanced Law Enforcement Rapid Response Training, Juvenile Mental Health, Elder Abuse	Achieving	Law Enforcement Grant, Juvenile Grant, Violence Against Women Grant
Develop strategic plan for the H-GAC region.	Completed Criminal Justice Strategic Plan on June 28, 2020.	Achieving	CJD Interlocal Agreement
Project: Juvenile Regional Mental Health Services			
Provide 450 hours individual counseling for Juvenile Probation Departments in the region.	Currently provided 168 hours of individual counseling for Juvenile Probation Departments in the region.	Achieving	Juvenile Grant
Provide 225 hours of group counseling for Juvenile Probation Departments in the region.	Currently provided 96 hours of group counseling for Juvenile Probation Departments in the region.	Achieving	Juvenile Grant
Provide 125 mental health evaluations for Juvenile Probation Departments in the region.	Currently provided 193 mental health evaluations for Juvenile Probation Departments in the region.	Exceeding	Juvenile Grant
Project: Elder Justice Program			
Get Multi-Disciplinary Teams in Fort Bend, Galveston and Montgomery counties fully operational in terms of reviewing complex cases of elder abuse and coordinating services.	Project was launched with 100% funding from a Victims of Crime Act (VOCA) grant, whose use is restricted to direct victim services. Many prerequisites for operating Multi-Disciplinary Teams (e.g. training, development of information-sharing protocols, etc.) can only be accomplished using another source of funds. H-GAC has applied for a Violence Against Women Act (VAWA) grant that will, if awarded, underwrite these threshold activities starting September 1, 2020.	Delayed	Violence Against Women Act

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
Conduct intensive campaign of 24-48 community outreach sessions to educate about resources available to seniors in formats aimed at both potential clients/families, professionals, and non-profit/partner agencies.	Goals were partially met (11 sessions) prior to the pandemic-related shut down. Currently rethinking delivery of outreach sessions due to COVID-19 as a significant portion of target audience of seniors is neither equipped nor appropriate for virtual outreach.	Delayed	Victims of Crime Act
Build out a service model, similar to Will-A-Thon, for combining group and individual services to elders who are being victimized by credit card abuse, identity theft and other third-party scams.	Successfully developed an efficient service-delivery model for elder victims of financial exploitation. With our focus on direct services during this remote work period, this model has been invaluable, as financial exploitation is the most common presenting issue among our clients.	Exceeding	Victims of Crime Act
Project: Skimmer Detection Project			
Procure and distribute skimmer detection equipment and credit card reader.	Delayed due to the COVID-19 pandemic.	Delayed	Texas Department of Agriculture
Work with H-GAC Communications Department to provide public service announcements and outreach region wide concerning skimmer devices.	Project funding is being moved from public service announcements to equipment for the jurisdictions to use in the apprehension of offenders using skimmer devices.	Delayed	Texas Department of Agriculture
Partner with local law enforcement agencies, meet with retail associations advising of the skimmer detection equipment and fraud/cybersecurity program.	Delayed due to the COVID-19 pandemic.	Delayed	Texas Department of Agriculture
Project: Cooperative Purchasing			
Develop and employ electronic bid system.	HGACBuy receives bids/proposals electronically and continues to develop the software for an electronic bid system.	Achieving	Coop budget

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
Number of orders processed through the program to exceed 3,800.	The COVID-19 pandemic has impacted governmental purchasing with less purchases. HGACBuy has processed over 1,500 orders with 3,200 projected.	Not Achieving	Participating local government purchasers
Annual purchasing volume in 2020 for all categories to reach \$2 Billion.	The COVID-19 pandemic has had an impact on contract performance. HGACBuy continues to expand offerings to government purchasers adding four new contracts for a total of 41. Current purchasing volume is over \$600 million with \$1.3 billion projected.	Not Achieving	Participating local government purchasers
Host Bi-annual Vendor Forum.	HGACBuy formed a Vendor Advisory Committee in 2020 with quarterly meetings now conducted virtually.	Achieving	Coop budget
Project: H-GAC Energy Corporation			
Conduct energy purchasing for local governments.	Provide HGACEnergy member governments with historical load data and projections on future annual load data. Conduct strategic planning and make recommendations on market and contracting opportunities. Resolve account, billing and sales tax issues. Assist contracted members with adding and deleting meters on existing accounts and service locations. Solicit pricing from Retail Electric Providers on a weekly basis with various contract terms on behalf of members. Complete renewal agreements as requested by members.	Achieving	Energy Corporation Fees

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
<p>Estimate annual volume of 274,170,890 kWhs of electricity through H-GAC Energy Corporation contracts.</p>	<p>Year-to-Date volume of 94,650,756. Estimate reduction in demand of 30% - 60% by HGACEnergy members due to the COVID-19 pandemic.</p> <p>H-GAC staff worked to refocus the program for the remainder of this year by renewing our efforts of personal contacts with members and being more proactive in relationship building; reaching out about new products being offered through the program, such as solar panels and concentrating on providing whole energy solutions; continuing to provide exceptional customer service; conducting new solicitations for Retail Electric Providers and Consultants; and developing a new social media outreach campaign.</p>	<p>Not Achieving</p>	<p>Energy Corporation Fees</p>
<p>Produce a new multi-social media campaign to target 13 counties in the H-GAC Region.</p>	<p>Created HGACEnergy Facebook and Twitter accounts – retargeting members in the H-GAC region as well as the Electric Reliability Council of Texas region. Announcing current vendors under contract and future contracts.</p> <p>Co-branding project on Solar Panel contract.</p>	<p>Achieving</p>	<p>Coop Budget Program Promotions</p>
<p>Pursue opportunities to expand in other deregulated areas of Texas.</p>	<p>Releasing Request for Proposal (RFP) for Brokers/Consultants. In concert with HGACBuy Marketing and Communications Staff, will begin promoting expansion in the 1st quarter of 2021 to target deregulated areas in Texas historically not reached by HGACEnergy.</p>	<p>Achieving</p>	<p>Energy Corporation Fees</p>
<p>Continue to research additional energy related products and services (including green) to offer through HGACEnergy.</p>	<p>In partnership with HGACBuy, HGACEnergy now has contracts for Solar Panels and Associated Equipment. Government customers in the H-GAC region as well as nationwide may purchase through these contracts.</p>	<p>Achieving</p>	<p>Energy Corporation Fees</p>

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
Project: Emergency Preparedness Program			
Assist with the updates and maintenance of local emergency management plans.	Staff continues to work with Emergency Management Coordinators across the region to address planning needs when requested.	Achieving	State Homeland Security Program
Monitor state homeland security and emergency preparedness funding programs.	Staff monitored announcements and changes in the Homeland Security Grant Program and the Nonprofit Security Grant Programs and sent updates to stakeholders.	Achieving	Office of the Governor
Coordinate and update regional catastrophic plans.	Staff participates in multiple catastrophic workgroups and coordinates with the Urban Area Security Initiative on multiple regional planning projects.	Achieving	State Homeland Security Program
Assist with regional training and exercises.	Staff evaluated the Galveston County Complex Coordinated Terrorist Attack Table Top Exercise. Staff continues to support regional stakeholders when requested.	Achieving	State Homeland Security Program
Assist with jurisdictional homeland security grant audits/monitoring.	Staff assists with grant monitoring and audits when requested by either the applicant agency or the Office of the Governor.	Achieving	Office of the Governor
Assist with the close out of previous grant year funding.	Staff closed out FY 2018 State Homeland Security Program and submitted reallocation plans for FY 2017 funds to the Office of the Governor.	Achieving	Office of the Governor
Provide technical assistance to jurisdictions in meeting grant eligibility and funding requirements.	Staff conducted four State Homeland Security Program workshops and assisted applicants in submitting FY 2020 applications.	Achieving	Office of the Governor
Monitor and maintain Regional Gulf coast State Mutual Aid Agreement.	Staff continues to update the Regional Gulf coast State Mutual Aid roster and agreement as new signatories are received.	Achieving	State Homeland Security Program
Collaborate on the development of the Regional Resource Inventory Tracking Tool.	Staff continues to wait for the City of Houston Urban Area Security Initiative to secure a vendor for this project.	Delayed	State Homeland Security Program

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
With the H-GAC jurisdictions, update the Regional Interoperable Communication Gap Analysis, Regional Interoperable Communications Plan, and Strategic Plan.	The Regional Interoperable Communications Phase 1 was completed and phase 2 is underway. Staff participated in the update of the statewide strategic plan workshop in February 2020.	Achieving	State Homeland Security Program
Provide grant application workshops and technical assistance to grant applicants and grantees.	Staff conducted four State Homeland Security Program workshops and assisted applicants in submitting FY 2020 applications.	Achieving	Office of the Governor
Develop priority funding list for State Homeland Security Program (SHSP) grant.	The Regional Homeland Security Council approved and submitted the FY 2020 State Homeland Security Program grant priority list in March 2020.	Achieving	Office of the Governor
Assist Transportation Department with regional evacuation planning.	Draft of the Emergency Evacuation Traffic Management Plan was submitted to stakeholders and is awaiting comments.	Achieving	Transportation Funding
Assist Communications Department with content creation for the ‘Together Against the Weather’ campaign.	Staff worked with Communications department to draft talking points for the 2020 hurricane season and participated in a radio interview for KRBE to discuss hurricane preparedness.	Achieving	Texas Department of Transportation Planning Funds
Project: Small Business Loans			
Submit two to four projects for small business financing consideration.	Submitted over 600 loans for Harris County and three loans for Revolving Loan Fund (RLF) for consideration. We are working to submit two to five additional loans for the RLF and two to three for 504.	Exceeding	US Small Business Administration, US Economic Development Administration, Harris County
Build relationships with lending institutions and financial organizations.	We are continuing to build relationships with lending institutions. We are working with our Communications team to develop a comprehensive outreach plan to engage lending institutions in a remote environment.	Achieving	US Small Business Administration

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Public Services			
Collaborate with partners and stakeholders to provide financial literacy education for youth in rural counties.	Delayed by the COVID-19 pandemic, we are now working on closing loans within the Community Development Financial Institutions (CDFI) Fund Opportunity Zones. Once we have funded enough loans, we will apply for CDFI certification and begin working on financial literacy programs for youth in rural counties.	Delayed	CFDI Fund
Reestablish community enhancement grant program.	We will look to relaunch the community enhancement grant program after the COVID-19 pandemic challenges slow down and communities start returning to normal.	Delayed	Local Development Corporation (LDC) Reserve Funds
Establish partnership with our regional public workforce system.	We have engaged in a number of small projects with the workforce system and will continue deepening our relationship.	Achieving	US Small Business Administration
Expand our online presence through new website and social media platforms.	We have increased our online presence considerably and will continue pushing fresh, new content across our website and social media platforms.	Achieving	US Small Business Administration
Develop H-GALDC process map, policies and procedures.	We have updated policies, developed desk aids and how to guides, and continue to revise and refresh outdated procedures.	Achieving	US Small Business Administration
Clearly define staff roles, responsibilities, goals and expectations.	We have clearly defined staff roles and goals and check-in regularly to ensure that staff members are on target.	Achieving	US Small Business Administration

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Project: Administration / Management			
Provide logistical and administrative support for monthly meetings of the MPO Policy Council and, as needed, related technical committees and work groups, ongoing.	The Administrative team supports daily operations for the Metropolitan Planning Organization (MPO) such as program administration, office management, grant management, computer systems management, and quality control. Staff has supported six Transportation Advisory Committee (TAC) meetings and six Transportation Policy Council (TPC) meetings along with the respective subcommittee meetings and special coordinated meetings such as the Transportation Improvement Program (TIP) Prioritization meeting. Provided technical support for each of these meetings using online platforms. Quality control and compliance is done for reporting, contracts, and monitoring of programs.	Achieving	TxDOT
Employee development, recruitment and evaluation, ongoing.	Employee development is encouraged and provided. Staff is working toward Lunch and Learns (first one before the COVID-19 pandemic) and aiding in the use of LMS365 to encourage further training and employee development for staff. Staff has developed onboarding trainings, virtual meet and greets for new employees. A new webpage is being developed that will house virtual training options and other types of employee development options.	Achieving	TxDOT
Maintain the 2020-2021 Unified Planning Work Program (UPWP) to reflect revised Policy Council planning priorities and local, State, or Federal funding decisions, ongoing.	Staff continues to maintain the UPWP working closely with TxDOT. The Administration Manager works with TxDOT on a regular basis on the UPWP reconciliations and funding processes. UPWP amendments have been significantly reduced due to better UPWP planning and writing.	Achieving	TxDOT

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Maintain federal certification of the planning process including the Annual Performance & Expenditure Report, the Disadvantaged Business Enterprise goal development, and the annual self-certification assurances, ongoing.	Staff produced the Annual Performance Expenditure Report (APER) each year with the 2020 report being submitted. A rigorous and comprehensive Disadvantaged Business Enterprise (DBE) program is currently being implemented with a program lead. We are responsible for self-certification assurances and continue to provide necessary reporting to all federal and state agencies.	Achieving	TxDOT
Maintain federal Title VI and Environmental Justice certifications, ongoing.	Administration staff is conducting implementation of the Title VI Plan in coordination with various Transportation teams.	Achieving	TxDOT
Develop, update and present public information materials in a variety of formats, including emails, letters, brochures, websites, newsletters, videos, public service announcements and meetings with community and business groups, ongoing.	Administration staff in collaboration with the Communications Department works to complete and implement any public information materials or public outreach.	Achieving	TxDOT
Provide briefings (and, when requested, testimony) for local, state and national officials and other interest groups, ongoing.	Administration staff continues to provide any necessary briefings for local, state, and national officials or other interested groups.	Achieving	TxDOT
Conduct public outreach and public involvement initiatives to support Metropolitan Planning Organization Programs, ongoing.	Administration staff works the Communications Department and Travel Demand Management team to conduct public outreach and public involvement planning for the MPO.	Achieving	TxDOT
Ensure compliance for all contract development and reporting to state agencies.	The Administration Team has a compliance position that specifically focuses on contract auditing and development-quality controls.	Achieving	TxDOT
Assist with special projects concerning compliance research and strategies for the Metropolitan Planning Organization.	Staff devotes much time and effort into compliance research and strategies to support our transportation teams. Staff has developed a Disadvantaged Business Enterprise (DBE) program as well as a Buy America program-both have liaisons to work with staff and TxDOT.	Achieving	TxDOT

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Project: Data Development and Maintenance			
Assist TxDOT in the data Household Survey Data development to support the newly developed Activity Based model (ABM) for H-GAC’s regional and sub-regional forecasts.	Staff continues to work with TxDOT to resolve the foreseen and unforeseen effects and issues caused by the COVID-19 pandemic towards the household survey and other traffic data collections in support of the newly developed ABM model. Staff at the H-GAC Modeling Group continues to work with TxDOT Planning Division in the Planning of the Household Survey scheduled for Fall or Spring of 2021. Many planning activities for the data collections have been postponed due to the COVID-19 pandemic.	Delayed	TxDOT Planning Funds
Development, support and assistance in the freeway traffic and count collection in the region.	Staff continues to work with the consultant, CJ Hensch, Inc. in the collection of the freeway traffic and count collection in the region.	Achieving	TxDOT Planning Funds
Develop regional travel forecast for inputs into air quality analysis in the Houston region and the METRO service area, ongoing.	Staff continues to support the conformity analysis through travel demand modeling and forecasts that produces inputs into the air quality analysis in the Houston and METRO service areas.	Achieving	TxDOT Planning Funds
Provide and support travel demand forecast and analysis for the production of conformity calculations to the current SIPs for the RTP and TIP in accordance with federal regulations when needed, ongoing.	Staff continues to develop GIS map networks of roadway projects proposed for the Regional Transportation Plan (RTP), TIP and subarea studies, conduct the 4-steps travel demand modeling, analysis and forecasting for various proposed scenarios and horizon year and create output files that are used as inputs into the emission calculations in accordance with Federal regulations.	Achieving	TxDOT Planning Funds
Continue technical support and assistance in the implementation of Cube Voyager model set in the region.	Staff continues to use Cube Voyager as H-GAC's regional and sub-regional modeling platform. Staff continues to provide modeling supports to other H-GAC's Transportation Groups and H-GAC's member agencies in support of the RTP, TIP and other sub-regional and corridor studies.	Achieving	TxDOT Planning Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Provide support and assistance in the development of tour-based regional truck model	Staff continues to work with Cambridge Systematic Consultants in the validation of the Tour-Base-Modeling to the 2017 base year. This project was delayed due to unavailability of counts data needed for the validation by the consultants, CJ Hench, Inc.	Delayed	TxDOT Planning Funds
Expand user and reporting capabilities of existing web-based traffic count and roadway project viewers, ongoing.	Staff continues to advance the capabilities of the existing web-based traffic count and roadway projects viewers through some advance trainings and programs. Staff continues to use special programming to support the City of Houston’s Minor Crash Pilot Program and the Sub Regional studies dashboard	Achieving	TxDOT Planning Funds
Provide GIS technical support for the development, maintenance, and indexing of map coverage and databases on MPO servers.	Staff continues to use the GIS tools to support the development of the RTP, TIP and other sub-regional and corridor studies and roadway projects into formats that serve as inputs into the H-GAC’s Cube Voyager modeling platform or micro simulation softwares.	Achieving	TxDOT Planning Funds
Support special studies and unusual model applications with technical support and review of any major model applications.	Staff continues to provide modeling technical support in the studies of and analysis of the various special roadway studies at the regional, sub-regional and corridor levels such as Inner Katy Corridor special study, the Resilience projects and local government planning efforts.	Achieving	TxDOT Planning Funds
Continue staff support for Texas Working Group air quality working group, ongoing.	Staff continues to work with Air Quality Master Schedule; worked with the Texas Technical Working group to generate a master air quality schedule that will include all the State Implementation Plan (SIP) updates, Transportation Plans updates, and conformity updates for the whole state of Texas. Staff continues to support the Texas air quality working group through meeting participation and research.	Achieving	TxDOT Planning Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Continue staff training on the Cube software.	Staff received training in the AIMSUN and other MESO and MICRO modeling software. After the COVID-19 pandemic outbreak, staff continues to cross train in the use of this software and methodology, the new functionalities of the Cube Voyager and other software used in travel demand and forecasting processes. Most outside trainings postponed due to the COVID-19 pandemic.	Achieving	TxDOT Planning Funds
Conduct economic impact analysis for major transportation projects using REMI software.	Staff using REMI TanSight software to estimate societal and economic impact for the Resiliency projects, the Inner Katy Assessment project by the DKS consultants, the analysis of the Harris County Flood Control District (HCFCD) 10-year and 500-year plans for the City of Houston and in the evaluation of the HGAC's 2045 RTP with its regional impact in jobs and economic growth.	Achieving	TxDOT Planning Funds
Conduct various data collections through various traffic surveys such as On-board Transit Origin-Destination Survey (joint effort between H-GAC/METRO), Commercial vehicles Survey, Airport Survey, Supplemental Surveys, Bike Users Survey and Passive Data Purchase.	Staff continues to hold Steering committee meetings virtually to adjust originally drawn plans, samples sizes, RFP, and schedules for the H-GAC's regional Origin Destination Transit Survey that includes METRO and eight other regional transit providers in the region with fixed routes. Actual data collection of the survey is postponed to Fall of 2021 due to the COVID-19 pandemic. Staff continues to work with the City Commercial Airport folks for the planning of the regional commercial Airport surveys; delayed due to the COVID-19 pandemic.	Achieving	TxDOT Planning Funds
Continue travel demand and forecasting support for H-GAC's regional and sub-regional travel demand forecasting and analysis.	Staff continues to provide modeling technical assistance and support for both H-GAC's in-house effort and other H-GAC's member agencies such as TxDOT and other stakeholders in support of regional projects or at the sub-area and corridor levels. Staff continues work with a consultant for Inner Katy study project. Staff Performed Travel Demand Model runs for a TxDOT SH 225 project. Staff responds to Modeling Data requests to a variety of requesters such as the Texas Southern University, METRO, The City of Houston, etc.	Achieving	TxDOT Planning Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Project: Planning			
Continue regional transit service planning and coordination in implementing recommendations from the Gulf Coast Regionally Coordinated Transportation Plan.	Staff efforts to implement recommendations are ongoing. Most recently, the Mobility Links, online database resource for mobility options was launched.	Achieving	TxDOT Planning Funds
Continue staff support of the Greater Houston Freight Committee.	Staff continues to coordinate and facilitate the Greater Houston Freight Committee. Two meetings of the Committee were held in January and June 2020.	Achieving	TxDOT Planning Funds
Continue updates to data for regional thoroughfare network through collaborations with local governments, ongoing.	Staff continues to collect thoroughfare network information from local governments and make updates to the regional thoroughfare network map.	Achieving	TxDOT Planning Funds
Continue to work with the State and local governments to improve responses to hurricane evacuation events, ongoing.	Staff continues to work with regional partners to update evacuation plans and protocols.	Achieving	TxDOT Planning Funds
Support the activities of the Transportation Safety Committee.	Staff continues to provide support for the Transportation Safety Committee and conducted two meetings.	Achieving	TxDOT Planning Funds
Perform safety analyses for local governments, ongoing.	Staff continues to provide data and analysis to regional partners for traffic safety.	Achieving	TxDOT Planning Funds
Continue support of the Regional Safety Campaign to promote safety messaging to reduce distracted driving, speeding, impaired driving, and bicycle-pedestrian crashes.	Staff continued the development of Regional Safety Campaign to reduce vehicle crashes.	Achieving	TxDOT Planning Funds
Conduct planning to make connections from the proposed high-speed rail station to Houston downtown and other destinations.	Staff reviewed and provided comments on the draft environmental document of the high-speed rail.	Achieving	TxDOT Planning Funds

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Continue work on the resiliency and durability pilot project, including a vulnerability assessment to support resiliency planning for transportation infrastructure.	Staff completed and submitted to the Federal Highway Administration a draft of the Resilience and Durability to Extreme Weather in the H-GAC Region Pilot Program Report for review.	Achieving	Federal Highway Administration (Office of Planning, Environment, and Realty Grants)
Initiate work on Southeast Harris County Sub regional Study.	Procurement of consultant to assist is complete. Contract terms have been agreed upon and staff are in final stage of obtaining signatures. Initial data collection and modeling base network have begun.	Achieving	Surface Transportation Program
Initiate work on Liberty County Mobility Study.	Procurement of consultant to assist is complete and contract terms have been agreed upon. Initial data collection and modeling base network have begun.	Achieving	Surface Transportation Program
Initiate work on Montgomery County Precinct 2 Mobility Plan.	Procurement of consultant to assist is complete. Contract terms have been agreed upon and staff are in final stage of obtaining signatures. Initial data collection and modeling base network have begun.	Achieving	Surface Transportation Program
Continue staff support of the Congestion Mitigation and Air Quality pilot program, including ongoing pilots (Conroe Connection Park & Ride) hosting a pilot application process workshop, and review of new applicants.	The application workshop was held in late 2019. Staff continues to provide outreach and assistance regarding the Commuter and Transit Pilot program. Some initiatives that were scheduled to start in Fall 2020 are now delayed due to the COVID-19 pandemic concerns. We continue to work with interested parties to think about the timing of their applications. The existing pilot with Conroe Connection is ongoing.	Delayed	Federal Funds
Continue staff support of the Brazoria County Thoroughfare Plan.	This project has been completed. The Thoroughfare Map is scheduled to be adopted by the Brazoria County Commissioners' Court August 2020 with acceptance and presentation of the plan to occur at a later date due to the COVID-19 pandemic meeting restrictions.	Achieving	Surface Transportation Program

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Initiate a Regional Goods Movement Plan update.	Development of a scope of work to procure a consultant is finalized. Procurement is expected to occur in Fall 2020 with project initiation early 2021.	Achieving	Surface Transportation Program
Provide planning support for the North Houston Highway Improvement Project.	Staff has participated in stakeholder and community meetings related to TxDOT’s North Houston Highway Improvement Project. Staff has also begun a complementary project for the communities impacted along Segment 2, the North Houston Communities Transportation Priorities Plan. This planning project will look at additional (non-highway) mitigation activities intended to enhance the mitigation TxDOT is planning, not replace it, focused on connectivity within those communities.	Achieving	TxDOT
Initiate Safety Intersection Studies throughout the region at high crash locations.	Staff is working to procurement professional services to assist with conducting safety analysis of select regional traffic intersections	Achieving	TxDOT
Continue development of Transit-Oriented Development initiatives, including bus station area fact sheets and Transit-Oriented Development regional planning study scope of work.	Staff continues to work on Transit Oriented Development initiatives. Fact Sheets are going to be interactive story boards instead of static pdfs. New staff has been hired to take on this project.	Achieving	TxDOT
Continue development of a Transit Awareness Program and launch initial outreach efforts.	Due to the COVID-19 pandemic, priorities have changed, and the emphasis has shifted. The awareness program as originally envisioned will be delayed. Instead the Travel Demand Management team partnered with the region’s public transportation agencies to launch Commute with Confidence, on how to use shared transportation more safely at this time. Efforts are continuing this fall 2020 through a collaboration with eight of the region’s transit agencies and the Commute Solutions program. The #SitSafe awareness campaign is being launched during Commute Solutions Month to help travelers understand all of the precautions being taken to help travelers sit safely while riding transit as they prepare to return to work.	Delayed	TxDOT

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PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Advance the development of the bicycle and pedestrian counter program.	Staff is working on expanding the bicycle and pedestrian counter program. A new bicycle and pedestrian planner was hired. This planner is putting together the procurement documentation needed to expand the program.	Achieving	TxDOT
Implementation of the 2045 Regional Transportation Plan, ongoing.	The 2045 Regional Transportation Plan was adopted in August 2019. Staff processed monthly amendments to the RTP. Staff are beginning development of the 2050 Regional Transportation Plan including an initial project schedule.	Achieving	TxDOT Planning Funds
Amendments to the 2019-2022 Transportation Improvement Program and the 2045 Regional Transportation Plan, ongoing.	Amendments to the 2019-2022 Transportation Improvement Program were completed in May 2020.	Achieving	TxDOT
Begin development of the 2021-2024 Transportation Improvement Program.	Completed development of the 2021-2024 Transportation Improvement Program in June 2020. Staff submitted the Transportation Policy Council approved TIP to the State for inclusion in the Statewide Transportation Improvement Program.	Achieving	TxDOT
Amendments to the 2021-2024 Transportation Improvement Program and the 2045 Regional Transportation Plan	The new Transportation Improvement Program document was approved by the Transportation Policy Council in June 2020. Staff began processing amendments in July 2020.	Achieving	TxDOT
Develop project evaluation criteria for the next call for projects.	Staff began working with the TIP Subcommittee in July 2020 to develop the project evaluation criteria.	Achieving	TxDOT
Implementation of a process to assist local governments with the requirements of the federal environmental process/project development.	Implementation of a process has been delayed. However, staff has assisted with individual projects as questions and concerns arise.	Achieving	TxDOT
Develop and monitor federal performance measures and targets.	Staff began development of the Mid-Period Progress Report to be submitted by the September federal deadline.	Achieving	TxDOT

PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Conduct planning to make connections from the proposed high-speed rail station to Houston downtown and other destinations.	This project was delayed due to the need for transit agencies to focus on the COVID-19 pandemic. However, the conversation is beginning again on the next phase of planning for the project. We are working to schedule a pre-planning meeting in September 2020 in connection to the High Capacity Transit Plan.	Delayed	TxDOT
Maintain Regional Architecture for the Intelligent Transportation System.	Maintain website, held quarterly Transportation Maintenance and Operation meetings	Achieving	TxDOT
Continue Traffic Incident Management Training for first responders.	Trainings were held in January and February 2020 but has been suspended due to the COVID-19 pandemic.	Delayed	Federal Funds
Expansion of Regional Incident Management Tow and Go™ Program to Harris County and continue work to expansion to surrounding counties in the Metropolitan Planning Area.	The funding contract was extended to January 31, 2021. Towing contracts have been issued in Harris County. Harris County should start tows in August 2020. H-GAC staff will start a Public Outreach Campaign in August that will go through Spring of 2021	Achieving	TxDOT Surface Transportation Program (STP)
Project: Air Quality Improvement			
Conduct Commute Solutions and other travel demand management public relations and marketing activities targeting employers, commuters and students, ongoing.	Multiple mini-campaigns have been held this year for the Commute Solutions program for Telework, Earth Day, Commute with Confidence and more. This effort is ongoing.	Achieving	Federal Funds & TxDOT
Provide outreach support and assistance for transportation partner programs, ongoing.	Staff coordinated with all area public transportation agencies for Commute with Confidence resources for commuting during the COVID-19 pandemic and are now working with them for #SitSafe return to work campaign.	Achieving	Federal Funds
Develop coordinated approach to public outreach and education utilizing various Travel demand Management and community partners throughout the region, ongoing.	Staff has collaborated with management districts, business organizations, the Association for Commuter Transportation and others to conduct outreach and education.	Achieving	Federal Funds

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PLANNED	ANALYSIS OF PROGRESS	STATUS	FUND SOURCE
Program: Transportation			
Development of a comprehensive ridesharing platform to support the Commute Solutions program.	Staff is working with TxDOT as they develop the ConnectSmart App that can support ridesharing in the region. Staff is analyzing any gaps that might need to be supported through additional technology.	Achieving	Federal Funds
Administer the Heavy-Duty Diesel Vehicle Replacement Program.	Staff is conducting outreach activities and providing technical support to assist applicants in the replacement and purchase of Heavy-Duty vehicles and equipment.	Achieving	EPA
Provide support for Clean Vehicles Program projects that reduce NOx emissions using new technologies, ongoing.	Staff is conducting outreach activities and providing technical support and financial assistance to qualified parties to upgrade their on-road heavy duty vehicles to cleaner technologies.	Achieving	TxDOT
Develop and disseminate the annual Air Quality Initiatives report.	Staff is working to gather internal data and will complete report soon.	Achieving	TxDOT
Complete and submit annual update of PM2.5 Advance Path Forward Plan to Environmental Protection Agency.	Staff is working with members of the Regional Air Quality Planning Advisory Committee to gather data from local stakeholders. Report will be completed later in the year.	Achieving	TxDOT
Complete annual regional survey report of alternative fuel usage, vehicle inventory and related emission reduction activities.	Staff worked with regional stakeholders from businesses and local governments to help estimate the number of alternative fueled vehicles that are active within the H-GAC region as well as to determine what emission reduction activities (e.g. anti-idling measures or VMT reduction efforts) and to catalog updates to those activities.	Achieving	Department of Energy

CURRENT AND UPCOMING H-GAC ACTIVITIES

Background

N/A

Current Situation

N/A

Funding Source

N/A

Budgeted

N/A

Action Requested

Report on current and upcoming H-GAC activities. (Staff Contact: Chuck Wemple)

2020 H-GAC BOARD OF DIRECTORS

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Note: Names of Alternates are indented

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Nancy Haussler, Chief Financial Officer
Ronnie Barnes, Director, Public Services
Alan Clark, Director, Transportation Planning
Meagan Coughlin, Director, Communications
Rick Guerrero, Director, Intergovernmental Relations
Charles Hill, Director, Internal Auditing
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Jeff Taebel, Director, Community and Environmental Planning
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ITEM 7

Public Comments

ITEM 8

Consent Agenda

ITEM 8A

Julie Masters, Mayor
Charles Suderman, Mayor Pro Tem
Sean Skipworth
Walter Wilson

MINUTES
City of Dickinson
CITY COUNCIL
SPECIAL WORKSHOP

Wally Deats
Louis Decker
William H. King III
Chris Heard, City Administrator

September 22, 2020

The Dickinson City Council met in a duly called and announced **SPECIAL WORKSHOP MEETING** on **Tuesday, September 22, 2020**, at **6:00 p.m.** In accordance with order of the Office of the Governor issued March 16, 2020, the City Council of the City of Dickinson, Texas, conducted the meeting by telephone and video conference in order to advance the public health goal of limiting face-to-face meetings (also called “social distancing”) to slow the spread of the Coronavirus (COVID-19). The meeting was held for the purpose of considering the following items:

ITEM 1.) CALL TO ORDER AND CERTIFICATION OF A QUORUM

Mayor Masters called the meeting to order at 6:10 p.m. Consulting city secretary Patrice Fogarty called roll and certified a quorum. Members of Council present were as follows: Mayor Julie Masters, Mayor Pro-Tem Charles Suderman, and Councilmembers Sean Skipworth, Walter Wilson, Wally Deats, Louis Decker, and William H. King, III. Also present were City Administrator Chris Heard, Police Captains Melvin Mason and Jay Jaekel, and Assistant to the City Administrator Kerilyn Bascle.

ITEM 2.) PRESENTATION AND DISCUSSION CONCERNING: Development of the 2020-2021 Budget for the City of Dickinson.

City Administrator Chris Heard presented the item to Council.

At 6:29 p.m., due to technical difficulties with the Zoom connection, Council took a brief pause so that the Zoom connection could be restarted. The Council meeting recommenced at 6:31 p.m.

City Administrator Heard continued his presentation, and answered questions proposed by councilmembers. Several councilmembers complimented City Administrator Heard on the process and presentation of the proposed FY2021 budget.

ITEM 3.) ADJOURN

There being no further questions by City Council, Councilmember Wilson made a motion to adjourn the meeting at 6:47 p.m., and Councilmember King seconded the motion. There being no discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

PASSED, APPROVED AND ADOPTED this the 13th day of October, 2020.

Julie Masters, Mayor

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary

ITEM 8B

Julie Masters, Mayor
Charles Suderman, Mayor Pro Tem
Sean Skipworth
Walter Wilson

MINUTES
City of Dickinson
CITY COUNCIL
REGULAR MEETING

Wally Deats
Louis Decker
William H. King III
Chris Heard, City Administrator

September 22, 2020

The Dickinson City Council met in a duly called and announced **REGULAR MEETING** on **Tuesday, September 22, 2020, at 7:00 p.m.** In accordance with the order of the Office of the Governor issued March 16, 2020, the City Council of the City of Dickinson, Texas, conducted the meeting by telephone and video conference in order to advance the public health goal of limiting face-to-face meetings (also called “social distancing”) to slow the spread of the Coronavirus (COVID-19). The meeting was held for the purpose of considering the following items:

ITEM 1.) CALL TO ORDER AND CERTIFICATION OF A QUORUM

Mayor Masters called the meeting to order at 7:07 p.m. Consulting city secretary Patrice Fogarty called roll and certified a quorum. Councilmembers present were as follows: Mayor Julie Masters, Mayor Pro-Tem Charles Suderman, and Councilmembers Sean Skipworth, Walter Wilson, Wally Deats, Louis Decker, and William H. King, III. Also present were City Attorney David Olson, City Administrator Chris Heard, and Assistant to the City Administrator Kerilyn Bascle.

ITEM 2.) INVOCATION - Mayor Masters gave the invocation.

ITEM 3.) PLEDGE OF ALLEGIANCE - Councilmember Skipworth led the Pledge of Allegiance to both the U.S. Flag and the Texas Flag.

ITEM 4.) PROCLAMATIONS - There were no proclamations.

ITEM 5.) ANNOUNCEMENTS AND PRESENTATIONS

Emergency Management Coordinator Derek Hunt was asked to give an update regarding Tropical Storm Beta. He stated although it was a prolonged period of rain and there were some issues, there will be clearing tomorrow.

A. Council Comments.

- Welcome to everyone attending the meeting. Councilmember Deats asked questions of the Mayor regarding the dates of the recent Declarations.
- Mayor Masters stated the Emergency Declaration regarding Tropical Storm Beta expires on September 26, 2020. Mayor Masters stated the Covid Declaration extends through October 8, 2020.
- Councilmember Decker stated he was watching the rainfall and checking on streets last night. He stated he had about five inches total of rain.

- Councilmember Wilson said he is glad to see citizens participate in their government.
- Councilmember Suderman provided an update on the Knights of Columbus fish fry, which will be on October 2, 2020, and will be a drive-through only; stated there will not be a Festival of Lights again this year due to Covid regulations put out by the Governor; and they have gotten permission from the County to decorate the bridge.
- Councilmember King stated an additional 8,000 gallons of milk were distributed through a grant program. He thanked Mayor Masters and Coach Snelson, among others, regarding the distribution. He provided an update regarding the upcoming meeting of TML Region 14 on September 24 and the HGAC Board of Directors meeting update - an item will be placed on a future agenda to receive and discuss the report of the HGAC meeting. Councilmember King also stated he performed his son's marriage ceremony; Gator football has successfully started; that Marais Restaurant received national recognition; and the voter registration drive was successful.

ITEM 6.) REPORTS

- A. Update on Activities of the Dickinson Economic Development Corporation (Dickinson Economic Development Corporation Chief Executive Officer Scott Jones).
Mr. Jones previously provided a written report, and there were no questions from Council.
- B. City Administrator's Report and Update on Public Works Projects (City Administrator Chris Heard).
There were many reports regarding TS Beta which were put out this past week. He also put out information regarding registering to vote. He spoke regarding "Notify Me," departmental updates, and grant information. Council had no questions or comments for Mr. Heard.

ITEM 7.) PUBLIC COMMENTS: At this time, any person with city-related business may speak to the Council. In compliance with the Texas Open Meetings Act, The City Council may not deliberate. **Comments from the public should be limited to a maximum of three (3) minutes per individual speaker.**

John Duggan, stated he received a complaint from a City employee about City Administrator Chris Heard; and further stated he has a packet to provide for all new employees.

Kevin Edmonds, 4136 Gum Drive, stated he supports City Secretary Alun Thomas, and that he is very competent in his work.

Allie Contreras, 814 Rosewood Drive, supports City Secretary Alun Thomas, and urged Council to consider that he has been an asset to the City.

Anna Ganna, 2927 46th Street, asked Council once again to pay attention to the court orders on Jerry Armstrong's properties at 2901 46th and 2922 45th. He is salvaging again. He has no sewer or water connections to that property.

Ken Stuckley stated he will speak under the Item 9 public hearing.

Scott Shrader, Kellner Dr., spoke regarding the finance director's suspension. He named employees who have also expressed concern over Chris Heard's administration, and he urged an employee satisfaction survey.

Aaron Barnett will speak under the Item 9 public hearing.

Jesse Brantley, 2920 Oak Drive, spoke regarding his concerns over personnel issues at City Hall.

Michael Amoroso will speak under the Item 9 public hearing.

Robert Smith will speak under the Item 9 public hearing.

Sue Emmitt spoke regarding trash being thrown on their street. She is upset with people not caring about their town. People need to pick up their trash. Citizens need to keep Dickinson clean. She stated that Salvato is a pit, that the stop sign is hidden at Salvato and Ave C., and it needs to be repaved.

Zack Weeks, 4810 28th St., spoke in support of City Secretary Alun Thomas.

ITEM 8.) CONSENT AGENDA: CONSIDERATION AND POSSIBLE ACTION:

The following items are considered routine by the City Council and will be enacted by one motion. There will not be a separate discussion on these items unless a Councilmember requests, in which event, the item will be removed from the consent agenda and discussed after the consent agenda.

There were no items for consideration on the Consent Agenda.

ITEM 9.) CONDUCT A PUBLIC HEARING CONCERNING: Plat approval request 20200540 for final plat approval for Peacock Isles, a subdivision of approximately 13.006 acres on property zoned "CR" (Conventional Residential) consisting of 53 lots, 2 blocks and 1 reserve, in the City of Dickinson, Galveston County, Texas.

- A. Staff Presentation
- B. Those in Favor
- C. Those Opposed
- D. Adjourn Public Hearing

The Public Hearing was opened at 7:44 p.m.

- A. Staff presented a report and stated the property owner was present for Council questions.
- B. Those in Favor:
 - Robert Smith, who represents the owner of the property, is in favor of the development and spoke regarding ingress and egress regarding traffic. He also spoke regarding the cut-through and suggested there needs to be redundancy on ingress and egress for life safety issues.
 - James Owens, representing business owners on Fatta Drive, is in favor of the project and asks Council to consider growth and revenue for the City and revitalization along the main thoroughfares.
- C. Those Opposed:
 - Cindy Grasso, 3903 Fatta Drive, expressed concerns regarding increased traffic and flooding.
 - Ken Stuckley expressed concerns over safety of ingress and egress, and the peacocks may be displaced.
 - Aaron Barnett, 3812 Amanda Dr., expressed concerns that the development would mar what is already a historical site; he is concerned about flooding in the future; and ingress and egress regarding the Fox Trace neighborhood.
 - Michael Amoroso is concerned about losing the trees and habitats of the wildlife already there and ruining the historical site.
 - Terry Register, lives at 1128 Guadalupe, New Braunfels, but owns property on Wagon Rd., is concerned over increased flooding in the area of Wagon Road. He wants to see them put in detention ponds, complete a wetlands study and a soil study, and ensure there are Corp of Engineers permits.
 - John Duggan stated he believes the City needs a compromise between redevelopment of commercial areas and homes.
 - Thor Foster, 3809 Fatta Dr., is concerned regarding increased traffic and displacement of wildlife.
 - Don Plitt, 902 Rosewood Dr., is concerned regarding bulkheading and drainage.
 - Richard Cole, 4032 Fatta Drive, stated he is worried about opening that street and that the drainage is already terrible. He is concerned about the home and chapel located on the land.
 - Dale Kirkland, 3950 Wagon Rd., stated that the new size lots are too small.
 - Lauren Cronin, 5013 Harbor Light Dr., is concerned with flooding and that the neighborhood would be destined to fail.

Developer John Steele, 1310 Steele Dr., spoke and stated the HOA will protect and promote the peacocks. Regarding the historical aspects, they will be keeping the chapel onsite and make a private park for the neighborhood. The old home is very deteriorated and cannot be saved. He addressed drainage, the cut-through, the sewer system, and stated bulkheading will be done by each individual owner.

The Public Hearing was closed at 8:41 p.m.

City Council recessed into Executive Session, together with the City Attorney, at 8:41 p.m.

City Council reconvened into open session at 9:44 p.m.

ITEM 10.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Resolution Number XXX-2020 - **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, APPROVING THE FINAL PLAT FOR PEACOCK ISLES, A SUBDIVISION OF APPROXIMATELY 13.006 ACRES LEGALLY DESCRIBED AS ABST 19 PERRY & AUSTIN SUR PT OF LOTS 157, 184 & ABDN RD (0-3) DICKINSON ADDN D, ON PROPERTY ZONED "CR" (CONVENTIONAL RESIDENTIAL) CONSISTING OF 53 LOTS, 2 BLOCKS AND 1 RESERVE, IN THE CITY OF DICKINSON, GALVESTON COUNTY, TEXAS, WITH THE CURRENT ADDRESS FOR THE PROPERTY BEING 2010 FM EAST 517; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AUTHORIZING EXECUTION OF THE RENEWAL BY THE MAYOR; AND PROVIDING AN EFFECTIVE DATE.**

Councilmember Deats made a motion to adopt the proposed resolution, and Councilmember King seconded the motion.

Councilmember Skipworth expressed his frustration and that he would like to preserve the property as is. Councilmember Wilson addressed questions to the developer and concerns about the habitat. Councilmember King stated he is glad the developer is willing to listen to their concerns. Councilmember Suderman stated there is still a ways to go before development begins.

There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

ITEM 11.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Resolution Number XXX-2020 - **A RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR OF THE DICKINSON ECONOMIC DEVELOPMENT CORPORATION TO ENTER INTO A BUSINESS OWNER PERFORMANCE AGREEMENT WITH CHEMIC ENGINEERS AND CONSTRUCTORS, INC. AND PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AUTHORIZING EXECUTION BY THE MAYOR; AND PROVIDING AN EFFECTIVE DATE.**

Councilmember Wilson made a motion to adopt the resolution, then amended the original motion to reflect “Board President” instead of “Executive Director.” Councilmember Suderman seconded the original motion and the amended motion.

There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

ITEM 12.) DISCUSSION AND CONSIDERATION CONCERNING: The Proposed Project for CDBG-MIT Application

Councilmember Wilson made a motion to approve the proposed budget for the CDBG-MIT Application, and Councilmember King seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

ITEM 13.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Resolution Number XXX-2020 – **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, APPROVING THE RENEWAL OF AN INTERLOCAL AGREEMENT BETWEEN CITY OF DICKINSON AND GALVESTON COUNTY FOR EMERGENCY MEDICAL RESPONSE SERVICES IN UNINCORPORATED PORTIONS OF GALVESTON COUNTY ADJACENT TO THE CITY OF DICKINSON; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AUTHORIZING EXECUTION OF THE RENEWAL BY THE MAYOR; AND PROVIDING AN EFFECTIVE DATE.**

Councilmember Decker made a motion to adopt the resolution, and Councilmember Wilson seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

- ITEM 14.) CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Resolution Number XXX-2020 – **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, APPROVING AN INTERLOCAL AGREEMENT BETWEEN CITY OF DICKINSON AND THE CITY OF LEAGUE CITY, TEXAS, FOR MUTUAL AID EMERGENCY MEDICAL RESPONSE SERVICES IN THE AREAS SERVICED BY THESE AGENCIES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AUTHORIZING EXECUTION OF THE RENEWAL BY THE MAYOR; AND PROVIDING AN EFFECTIVE DATE.**

Councilmember Suderman made a motion to adopt the resolution, and Councilmember Decker seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

- ITEM 15.) CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Ordinance Number XXX-2020 – **AN ORDINANCE OF THE CITY OF DICKINSON, TEXAS, SUPPLEMENTING THE ORDER OF GENERAL ELECTION AS ISSUED BY RESOLUTION NUMBER 1814-2020, THE ORDER OF SPECIAL ELECTION AS ISSUED BY ORDINANCE NUMBER 949-2020, AND THE ORDER OF SPECIAL ELECTION AS ISSUED BY RESOLUTION NUMBER 1815-2020, AS EACH ORDER HAS BEEN HERETOFORE AMENDED BY ORDINANCE 952-2020, TO PROVIDE FOR ADDITIONAL POLLING LOCATIONS AND TIMES FOR SUCH ELECTIONS; PROVIDING FOR THE INCORPORATION OF PREAMBLE AND AN EFFECTIVE DATE. (Second of Three Readings)**

Councilmember Deats made a motion to adopt the ordinance in two readings, and Councilmember Wilson seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

- ITEM 16.) CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Ordinance Number XXX-2020 – **AN ORDINANCE ANNEXING 640 FEET OF PIN OAK DRIVE AND 280 FEET OF UNIMPROVED PIN OAK RIGHT-OF-WAY FROM THE EDGE OF THE PAVEMENT TO GEISER GULLY, CITY OF DICKINSON, GALVESTON COUNTY, TEXAS, AND EXTENDING THE BOUNDARY LIMITS OF SAID CITY SO AS TO INCLUDE SAID AFOREMENTIONED DESCRIBED PROPERTY WITHIN SAID CITY LIMITS, AND GRANTING TO ALL THE INHABITANTS OF SAID PROPERTY ALL THE RIGHTS AND PRIVILEGES OF OTHER CITIZENS AND BINDING SAID INHABITANTS BY ALL OF THE ACTS, ORDINANCES, RESOLUTIONS, AND REGULATIONS OF SAID CITY; AND ADOPTING A SERVICE PLAN OR AGREEMENT.** (First of Three Readings)

Councilmember Wilson made a motion to approve first reading of the ordinance, and Councilmember Suderman seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

- ITEM 17.) CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Resolution Number XXX-2020 - **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, AWARDED REQUEST FOR QUALIFICATIONS #2008 FOR PROFESSIONAL SURVEYING SERVICES TO COBBFENDLEY. AND AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE ANY AND ALL DOCUMENTS NECESSARY TO EFFECTUATE AN AGREEMENT FOR SUCH SERVICES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.**

Councilmember King made a motion to adopt the resolution, and Councilmember Suderman seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

ITEM 18.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Resolution Number XXX-2020 – **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, REJECTING ANY AND ALL BIDS CONCERNING THE PROVISION OF APPRAISAL SERVICES FOR THE TEXAS GENERAL LAND OFFICE CDBG-DR CONTRACT NO. 20-066-040-C259.**

Councilmember Deats made a motion to adopt the resolution, and Councilmember Wilson seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

ITEM 19.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Recessing the Regularly Scheduled Meeting of the City Council in Order to Conduct Business as the City of Dickinson Employee Benefits Trust.

The City Council regular meeting was recessed at 10:08 p.m. to conduct business as the City of Dickinson Employee Benefits Trust.

- 1.) The meeting of the City of Dickinson Employee Benefits Trust was called to order at 10:09 p.m., and a quorum was confirmed present.
- 2.) **CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Accepting the Renewal Offer from United Healthcare for Employee Medical and Pharmacy Insurance.

Trustee Wilson made a motion to accept, and Trustee King seconded the motion. There being no further discussion, Trustee Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

Present but not voting: Trustee Masters

MOTION PASSED

- 3.) **CONSIDERATION AND POSSIBLE ACTION CONCERNING:** Accepting the Renewal Offer from Guardian for Employee Dental Insurance.

Trustee Wilson made a motion to accept, and Trustee Skipworth seconded the motion. There being no further discussion, Trustee Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

Present but not voting: Trustee Masters

MOTION PASSED

- 4.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Accepting the Renewal Offers for Employee Long Term Disability and Life Insurances.

Trustee King made a motion to accept, and Trustee Decker seconded the motion. There being no further discussion, Trustee Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

Present but not voting: Trustee Masters

MOTION PASSED

- 5.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Accepting the Offer from Superior Vision for Employee Vision Insurance.

Trustee Skipworth made a motion to accept, and Trustee Wilson seconded the motion. There being no further discussion, Trustee Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

Present but not voting: Trustee Masters

MOTION PASSED

- 6.) ADJOURN

Trustee Skipworth made a motion to adjourn, and Trustee Decker seconded the motion. There being no further discussion, Trustee Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

Present but not voting: Trustee Masters

MOTION PASSED

The City of Dickinson Employee Benefits Trust meeting adjourned at 10:11 p.m.

ITEM 20.) RECONVENE

The regular City Council meeting reconvened at 10:11 p.m.

ITEM 21.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Resolution Number XXX-2020 – **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, ACCEPTING THE ACTION OF THE CITY OF DICKINSON EMPLOYEE BENEFITS TRUST TO ACCEPT THE RENEWAL OFFER FOR EMPLOYEE MEDICAL AND PHARMACY INSURANCE FROM UNITED HEALTHCARE, THE RENEWAL OFFER FOR EMPLOYEE DENTAL INSURANCE FROM GUARDIAN, THE RENEWAL OFFER FOR LIFE INSURANCE FROM GUARDIAN, THE OFFER FOR VISION INSURANCE FROM SUPERIOR VISION; AND THE RENEWAL OFFER FOR LONG-TERM DISABILITY INSURANCE FROM STANDARD INSURANCE; RE-AUTHORIZING FUNDING; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AUTHORIZING EXECUTION OF THE OFFER AND OF THE RENEWALS BY THE CITY ADMINISTRATOR; AND PROVIDING AN EFFECTIVE DATE.**

Councilmember King made a motion to adopt the resolution, and Councilmember Wilson seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

ITEM 22.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Ordinance Number XXX-2020 – **AN ORDINANCE OF THE CITY OF DICKINSON, TEXAS, AMENDING THE CITY OF DICKINSON, TEXAS, ADOPTED BUDGET FOR FISCAL YEAR 2019 – 2020 BY FUNDING ACCOUNTS IN BUDGET DUE TO UNFORESEEN SITUATIONS; CERTAIN FINDINGS AND PROVIDING OTHER MATTERS RELATED TO THE SUBJECT; PROVIDING A REPEALER CLAUSE, A SEVERABILITY CLAUSE, AND AN EFFECTIVE DATE.** (First and Final Reading)

Councilmember Wilson made a motion to adopt the ordinance on first and final reading, and Councilmember Suderman seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

4 AYES (Suderman, Skipworth, Wilson, King)

2 NAYS (Decker, Deats)

MOTION PASSED

ITEM 23.) CONDUCT A PUBLIC HEARING CONCERNING: The Fiscal Year 2020-2021 Annual Budget

- A. Staff Presentation
- B. Those in Favor
- C. Those Opposed
- D. Adjourn Public Hearing

The Public Hearing was opened at 10:13 p.m.

City Administrator Chris Heard presented the FY 2021 budget. There were no public comments.

The Public Hearing was closed at 10:14 p.m.

ITEM 24.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Ordinance Number XXX-2020 – **AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, APPROVING AND ADOPTING A BUDGET FOR THE CITY OF DICKINSON, TEXAS, FOR FISCAL YEAR 2020-2021; MAKING APPROPRIATIONS FOR THE CITY FOR SUCH FISCAL YEAR AS REFLECTED IN SAID BUDGET; PROVIDING FOR THE INCORPORATION OF PREAMBLE; MAKING CERTAIN FINDINGS AND CONTAINING CERTAIN PROVISIONS RELATING TO THE SUBJECT; AND PROVIDING AN EFFECTIVE DATE.** (First and Final Reading)

Councilmember Wilson made a motion to adopt the ordinance on first and final reading, with a change on the executive summary to show .399853, and Councilmember King seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

- 4 AYES (Suderman, Skipworth, Wilson, King)
- 2 NAYS (Decker, Deats)

MOTION PASSED

ITEM 25.) EXECUTIVE SESSION: The City Council will now hold a closed executive meeting pursuant to the provision of Chapter 551, Government Code, Vernon's Texas Codes annotated, in accordance with the authority contained in:

- A. Section 551.071 – Consultation with Attorney regarding pending litigation and matters in which the duty of the City Attorney requires to be discussed in closed meeting.
- B. Section 551.074 – Personnel Matter – Discussion to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline or Dismissal of the City Secretary.

City Council recessed into closed executive session at 10:16 p.m.

ITEM 26.) RECONVENE

The regular City Council meeting was reconvened into open session at 11:11 p.m.

ITEM 27.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Matters Discussed in Executive Session.

Councilmember Wilson made a motion directing Mayor Masters to appoint an interim assistant city secretary to act in the absence of the city secretary. Councilmember Suderman seconded the motion. There being no further discussion, Mayor Masters called for the vote.

VOTE:

5 AYES (Suderman, Skipworth, Wilson, Deats, King)

1 NAYS (Decker)

MOTION PASSED

ITEM 28.) ADJOURN

Councilmember Wilson made a motion to adjourn the meeting at 11:12 p.m., and Councilmember Decker seconded the motion. There being no discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

PASSED, APPROVED AND ADOPTED this 13th day of October, 2020.

Julie Masters, Mayor

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary

ITEM 8C

Julie Masters, Mayor
Charles Suderman, Mayor Pro Tem
Sean Skipworth
Walter Wilson

MINUTES
City of Dickinson
CITY COUNCIL
SPECIAL MEETING

Wally Deats
Louis Decker
William H. King III
Chris Heard, City Administrator

September 29, 2020

The Dickinson City Council met in a duly called and announced **SPECIAL MEETING** on **Tuesday, September 22, 2020, at 6:30 p.m.** In accordance with order of the Office of the Governor issued March 16, 2020, the City Council of the City of Dickinson, Texas, conducted the meeting by telephone and video conference in order to advance the public health goal of limiting face-to-face meetings (also called “social distancing”) to slow the spread of the Coronavirus (COVID-19). The meeting was held for the purpose of considering the following items:

ITEM 1.) CALL TO ORDER AND CERTIFICATION OF A QUORUM

Mayor Masters called the meeting to order at 6:33 p.m. Interim Assistant City Secretary Kerilyn Bascle called roll and certified a quorum. Members of Council present were as follows: Mayor Julie Masters, Mayor Pro-Tem Charles Suderman, and Councilmembers Sean Skipworth, Walter Wilson, Wally Deats, Louis Decker, and William H. King, III. Also present was City Administrator Chris Heard.

Before starting, Councilmember Wally Deats had a question regarding the notice of the meeting. Mr. Deats wanted to ensure that the meeting was adequately posted as it was advertised for September 22 and he wanted to make sure a correction was posted to the newspaper on time. Councilmember Deats asked if this was a legal meeting.

City Administrator Chris Heard ensured that the notice was posted correctly and posting the notices were handled by Cheryl Johnson with the Galveston County Tax Office. City Administrator Heard said that it was a legal meeting.

ITEM 2.) CONDUCT A PUBLIC HEARING CONCERNING: Proposed tax rate of \$0.399853 per hundred dollars of valuation

- A. Staff Presentation
- B. Those in Favor
- C. Those Opposed
- D. Adjourn Public Hearing

Mayor Masters opened the Public Hearing at 6:36 p.m. Chris Heard explained that this was the new rate tax as established by formula via the County Collector’s Office. All proper notification was put in the newspaper.

No one was present to speak in favor or opposition.

Public hearing was adjourned at 6:37 p.m.

ITEM 3.) CONSIDERATION AND POSSIBLE ACTION CONCERNING: Ordinance Number XXX-2020 – **AN ORDINANCE OF THE CITY OF DICKINSON, TEXAS, APPROVING THE 2020 AD VALOREM TAX (DEBT) RATE AND LEVY OF \$0.071966 PER HUNDRED DOLLARS OF ASSESSED VALUATION OF ALL TAXABLE PROPERTY WITHIN THE CORPORATE LIMITS OF THE CITY AND APPROVING THE 2020 AD VALOREM TAX MAINTENANCE AND OPERATION RATE AND LEVY OF \$0.399853 PER HUNDRED DOLLARS OF ASSESSED VALUATION OF ALL TAXABLE PROPERTY WITHIN THE CORPORATE LIMITS OF THE CITY; PROVIDING FOR THE ASSESSMENT, LEVY AND COLLECTION OF AD VALOREM TAXES OF THE CITY OF DICKINSON, TEXAS, FOR THE YEAR 2020 AND FOR EACH YEAR THEREAFTER UNTIL OTHERWISE PROVIDED; PROVIDING THE DATE ON WHICH SUCH TAXES SHALL BE DUE AND PAYABLE; PROVIDING FOR PENALTY AND INTEREST ON ALL TAXES NOT TIMELY PAID; AUTHORIZING EXEMPTIONS; AND PROVIDING A REPEALER CLAUSE AND AN EFFECTIVE DATE.**

Councilmember Suderman made a motion to approve the Ordinance, and Councilmember King seconded the motion.

Councilmember Deats noted that the actual tax rate is 0.471819 to confirm that he understood correctly. He stated that this was misleading because the 2019 tax rate is posted as 0.443830, and it is deceiving to show the 2019 rate at 44 cents, being inclusive of the debt service plus maintenance and operations, and next to it in 2020 0.39853 is shown, but that number is only maintenance and operations. This shows a 9% decrease in the change which is not a fair comparison. Mayor Masters stated that this is the discussion with Senate Bill 2. Councilmember Deats wanted to make sure he pointed out that in voting on this the Council is actually voting to increase the rate by 4 cents and not decrease the rate.

VOTE:

4 AYES (Suderman, Skipworth, Wilson, King)

2 NAYS Deats. Decker

MOTION PASSED

ITEM 4.) ADJOURN

Councilmember King made a motion to adjourn the meeting at 6:41 p.m., and Councilmember Deats seconded the motion. There being no discussion, Mayor Masters called for the vote.

VOTE:

6 AYES (Suderman, Skipworth, Wilson, Deats, Decker, King)

0 NAYS

MOTION PASSED

PASSED, APPROVED AND ADOPTED this 13th day of October, 2020.

Julie Masters, Mayor

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary

In compliance with the Americans with Disabilities Act, the City of Dickinson will provide reasonable accommodations for disabled persons attending City Council Meetings. Requests should be received at least 24 hours prior to the scheduled meeting, by contacting the City Secretary's office at 281-337-6217, or by FAX at 281-337-6190.

ITEM 8D

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, REAPPOINTING ANDREA GREER TO SERVE AS THE CITY OF DICKINSON'S REPRESENTATIVE ON THE BOARD OF DIRECTORS OF THE SOUTHEAST TEXAS HOUSING FINANCE CORPORATION FOR A TERM OF THREE (3) YEARS BEGINNING JANUARY 29, 2020, AND ENDING JANUARY 28, 2023; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council of the City of Dickinson is a member of the Southeast Housing Finance Corporation (the "Corporation"); and

WHEREAS, the term of Andrea Greer as a Director of the Corporation appointed by the City of Dickinson has expired; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

Section 1. The City Council of the City of Dickinson, Texas, hereby reappoints Andrea Greer to serve as the City of Dickinson's Representative on the Board of Directors of the Southeast Texas Housing Finance Corporation, for a term of three (3) years, with a beginning date of January 29, 2020 and ending January 28, 2023.

Section 2. This Resolution shall be in full force and effect from and after its passage and adoption.

DULY PASSED AND APPROVED on this the 13th day of October, 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

ITEM 8E

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, RATIFYING THE ACTIONS OF THE MAYOR OF THE CITY OF DICKINSON IN EXECUTING A PROFESSIONAL SERVICES AGREEMENT WITH CITY HALL ESSENTIALS; PROVIDING FOR INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on September 16, 2020, the Mayor determined that it was necessary and in the best interests of the City of Dickinson to enter into a professional services agreement with City Hall Essentials to provide interim City Secretary staffing, a copy of which is attached hereto as Exhibit "A"; and

WHEREAS, upon review and consideration of all matters attendant and related thereto, the City Council hereby finds and determines that: (1) it is in the best interests of the City of Dickinson and its citizens to execute the letter of support; and (2) that the actions of the Mayor in executing the letter of support should be ratified in all respects.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

Section 1. The above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. The actions of the Mayor taken for and on behalf of the City in entering into the professional services agreement was in the judgment of the Mayor appropriate in order to effectuate the letter to the Connect Transit, is ratified in all respects.

Section 3. This Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED on this the 13th day of October, 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

APPROVED AS TO FORM AND CONTENT:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

David W. Olson, City Attorney
City of Dickinson, Texas



11675 Jollyville Road, Ste. 300
Austin, TX 78759
512.334.9570
www.CityHallEssentials.com

Professional Services Agreement

This Professional Services Agreement ("Agreement") shall serve as the contract between City Hall Essentials, LLC ("CHE") and the City of Dickinson, TX ("Client").

- 1. Scope of Services.** Specifications regarding the scope and nature of the professional services and/or products to be provided to the Client by CHE shall be documented in a Work Order, which once approved shall be an addendum to this Agreement. While Work Orders may identify a particular consultant as having been assigned to a project, those are subject to change at CHE's sole discretion depending on modifications to the consultant's availability. When possible, CHE will assign a suitable substitute consultant as warranted.
- 2. Independent Contractor.** CHE, its managers, personnel and consultants, are independent contractors. Nothing herein shall be construed to create an employee / employer relationship.
- 3. Standard of Performance.** The standard of care for all consulting and related services performed or furnished by CHE under this Agreement will be the care and skill ordinarily used by members of CHE's profession practicing under the same or similar circumstances at the same time and in the same locality. CHE makes no warranties, express or implied, under this Agreement or otherwise, in connection with CHE's services.
- 4. Invoices.** CHE will submit invoices for services rendered (either monthly or upon conclusion of the project, as applicable), and Client will make prompt payments in response to CHE's invoices. CHE will retain receipts for reimbursable expenses. Receipts will be available for inspection by Client's auditors upon request. If Client disputes any items in CHE's invoice for any reason, including the lack of supporting documentation, Client may temporarily delete the disputed item and pay the remaining amount of the invoice. Client will promptly notify CHE of the dispute and request clarification and/or correction. After any dispute has been settled, CHE will include the disputed item on a subsequent, regularly scheduled invoice, or on a special invoice for the disputed item only. Client recognizes that late payment of invoices results in extra expenses for CHE. CHE retains the right to assess Client's interest at the rate of one and one-half percent (1.5%) per month, but not to exceed the maximum rate allowed by law, on invoices which are not paid within thirty (30) days from the date of the invoice. In the event undisputed portions of CHE's invoices are not paid when due, CHE also reserves the right, after seven (7) days prior written notice, to suspend the performance of its services under this Agreement until all past due amounts have been paid in full.
- 5. Termination of Agreement.** Either party may terminate the Agreement upon providing the other party with seven (7) day's written notice. Where the method of payment Fixed Fee, the final invoice will include all services and expenses associated with the project up to the effective date of termination. An equitable adjustment shall also be made to provide for termination settlement costs CHE incurs as a result of commitments that had become firm

before termination. Termination by either party does not relieve the Client from timely remitting payments for all invoices submitted under this Agreement.

6. **Limited License.** This Agreement shall constitute a limited license pursuant to which the Client grants CHE the right to use the Client's name and logo for the narrow purpose of creating products (such as reports or presentation materials) for the Client. CHE can also use the Client's logo when identifying its current or previous clients in marketing materials.
7. **Controlling Law.** This Agreement is to be governed by the law of the State of Texas.
8. **Successors & Assigns.** Client and CHE respectively, bind themselves, their partners, successors, assigns, and legal representatives to the covenants of this Agreement. Neither Client nor CHE will assign, sublet, or transfer any interest in this Agreement or claims arising therefrom without the written consent of the other.
9. **Changes.** The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless the change is reduced to writing, dated, and made part of this Agreement. The execution of the change shall be authorized and signed in the same manner as this Agreement. Any proposed fees by CHE are estimates to perform the services required to complete the project as CHE understands it to be defined. For those projects involving conceptual or process development services, activities often are not fully definable in the initial planning. In any event, as the project progresses, the facts developed may dictate a change in the services to be performed, which may alter the scope. CHE will inform Client of such situations so that changes in scope and adjustments to the time of performance and compensation can be made as required. If Client approves such change, additional services, or suspension of services and such change, additional services or suspension of services results in an increase or decrease in the cost of or time required for performance of the services, an equitable adjustment shall be made, and the Agreement modified accordingly.
10. **Controlling Agreement.** The terms and conditions of this Agreement (and any accompanying Work Order) shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice-to-proceed, or similar document.
11. **Severability.** If any provision of this agreement is held invalid or unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term or condition shall not be construed by the other party as a waiver of any subsequent breach of the same provision, term or condition.
12. **Limitation of Liability.** CHE and its employees' total liability to Client for any loss or damage, including but not limited to special and consequential damages arising out of or in connection with the performance of services or any other cause, including CHE's and its employees' professional negligent acts, errors, or omissions, shall not exceed the greater of the CHE's Professional Liability coverage or the total compensation received by CHE hereunder.
13. **Statute of Limitations.** The parties agree that any action in relation to an alleged breach of this Agreement shall be commenced within two years of the date of the breach, without

regard to the date the breach is discovered. Any action not brought within that two-year time period shall be barred, without regard to any other limitations period set forth by law or statute.

14. **Dispute Resolution.** The parties agree that if a dispute arises under this Agreement or regarding the services provided under the terms of this Agreement, the party will promptly provide written notice to the other party with at least fourteen (14) days to remedy the situation. The parties further agree that any dispute arising regarding the terms of this Agreement or the services provided under the terms of this Agreement shall be submitted to mediation prior the filing of a lawsuit.

15. **Disclaimer on Legal Services.** The parties acknowledge and agree that CHE is not a law firm and does not provide legal services. Communications, products, programs and services rendered by CHE and service providers operating through CHE do not constitute legal services. Regardless of whether the Consultant is a licensed attorney, this Agreement neither facilitates nor provides for the legal representation of clients or provision of legal advice to clients. Alan Bojorquez is a co-owner of CHE, and is the owner of the Bojorquez Law Firm, PC. However, those are separate entities. A contractual relationship between the client and CHE does not create an attorney-client relationship with Alan Bojorquez or the Bojorquez Law Firm, PC. Neither CHE's work product or any oral conversations with CHE personnel shall be presumed *confidential* or protected by the *attorney-client privilege* by virtue of this Agreement.

16. **Effective Date.** This Agreement shall become effective on the date upon which it has been executed by both parties.

17. **Execution.** This Agreement, including the exhibits made part hereof, constitute the entire Agreement between CHE and Client, supersedes and controls over all prior written or oral understandings.

CHE:

by: Sheila Bojorquez
Sheila Bojorquez, President &
Chief Executive Officer
City Hall Essentials, LLC

Date: 9/16/2020

CLIENT:

by: [Signature]
Name: _____
Title: Mayor
City of: DICKINSON

Date: 9/16/2020



WORK ORDER

This Exhibit shall be incorporated under the current Professional Services Agreement between City Hall Essentials, LLC ("CHE"), and the Client identified below.

- Consulting
- Training
- Interim Staffing
- Planning

CHE Consultant: Patrice Fogarty	CHE Client: Dickinson, City of
Project Title: Interim City Secretary	Client Contact Person: Julie Masters,
Anticipated Project Start Date: 9/23/2020	Mayor
Anticipated Project End Date: none specified	Deliverable Date: none specified

1. **Description:** Work to be performed by CHE may include all services, tasks and deliverables described below: Professional Municipal Interim City Secretary work including all roles and responsibilities as deemed usual and expected by the Texas Municipal Clerks Association; work may be completed in-person, on-site and/or via remotely

2. **Deliverables:** The final deliverables for this project may include, but are not limited to, tangible or intangible products such as digital files, paper printouts, emails, videos, or other digital content.

3. **Compensation:** For all approved work related to this Work Order, Client shall pay CHE:
 - Fixed Fee of \$ _____ ,
 - an hourly rate of \$65.00 per hour
 - other: _____
 - Not to Exceed \$ _____ without prior approval.

4. **Expenses:** CHE's out-of-pocket expenses directly related to this Work Order shall be billed to the Client as follows:
 - Fixed Fee of \$ _____ (or actual)
 - Travel \$ mileage reimbursed at current IRS rate for calendar year
 - Lodging \$130/nightly for any needed or agreed upon stays, i.e. non-safe travel due to weather conditions or a meeting being adjourned past the hour the consultant deems safe to travel home
 - Meals \$40/day if overnight stay at a hotel required
 - Copies, Supplies \$ city will pay for these expenses as accrued
 - Other \$ _____

5. **Change Orders:** All modifications to this Work Order shall be in writing. Any changes may affect the project scope, timeline or deliverables or modify the scope of the overall project.

As an authorized agent of the Client, I have read and agree to the terms of this Work Order.

	Julie Masters	9/17/2020
Client Representative's Signature	Printed Name	Date

*Please sign and return this Work Order to CHE to initiate this project.
Emails can be sent to Sheila@CityHallEssentials.com*

ITEM 9

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, AWARDING COMPETITIVE SEALED BID #2009 FOR PAVING AND DRAINAGE SERVICES TO LUCAS CONSTRUCTION AND AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE ANY AND ALL DOCUMENTS NECESSARY TO EFFECTUATE AN AGREEMENT FOR SUCH SERVICES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Dickinson solicited paving and drainage services, and advertised Competitive Sealed Bid (“CSB”) #2009 for professional paving and drainage services on September 10, 2020, and September 17, 2020, in the Galveston Daily News; and

WHEREAS, nine submittals were received in response to the CSB which was opened virtually on October 1, 2020, at 10:05 a.m.; and

WHEREAS, upon full review and consideration of the CSB Evaluation and all matters attendant and related thereto, the City Council is of the opinion that CSB #2009 should be awarded to Lucas Construction.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

Section 1. The facts and matters set forth in the preamble of this Resolution are hereby found to be true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. The Award Recommendation Letter for CSB #2009, attached hereto as Exhibit A, having been reviewed by the City Council of the City of Dickinson and found to be acceptable and in the best interests of the City of Dickinson and its citizens.

Section 3. That any and all contracts or commitments made with the above-named services provider is dependent upon successful negotiation of a contract with the service provider.

Section 4. The City Administrator is hereby authorized to execute an agreement with Lucas Construction, and empowered, for and on behalf of the City, to take all such actions and to execute, verify, acknowledge, certify to, file and deliver all such instruments and documents as shall in the judgment of the City Administrator be appropriate in order to effect the purposes of the foregoing resolution and Agreement.

Section 5. This Resolution shall take effect immediately upon passage.

DULY PASSED AND ADOPTED this 13th day of October, 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

ITEM 10

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY COUNCIL OF DICKINSON, TEXAS, AUTHORIZING THE SUBMISSION OF AN APPLICATION TO THE TEXAS GENERAL LAND OFFICE (GLO) FOR COMMUNITY DEVELOPMENT BLOCK GRANT - MITIGATION (CDBG-MIT) PROGRAM; AND AUTHORIZING THE MAYOR AND/OR CITY ADMINISTRATOR TO ACT AS THE CITY'S EXECUTIVE OFFICER(S) AND AUTHORIZED REPRESENTATIVE IN ALL MATTERS PERTAINING TO THE CITY'S PARTICIPATION IN THE COMMUNITY DEVELOPMENT BLOCK GRANT – MITIGATION (CDBG-MIT) PROGRAM.

WHEREAS, Hurricane Harvey (DR-4332) severely impacted the City of Dickinson; and

WHEREAS, The City of Dickinson desires to increase resilience to disasters and reduce or eliminate the long-term risk of loss of life, injury, damage to and loss of property, and suffering and hardship, by lessening the impact of future disasters; and

WHEREAS, The City of Dickinson desires a viable community, including decent housing and a suitable living environment and expanding economic opportunities, principally for persons of low-to-moderate income; and

WHEREAS, The City of Dickinson aims to Affirmatively Further Fair Housing by identifying projects that overcome or do not increase patterns of residential segregation based on race, color, religion, national origin, sex, disability or family status;

WHEREAS, it is necessary and in the best interests of the City of Dickinson to apply for funding under the Community Development Block Grant – Mitigation (CDBG-MIT) Program;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF DICKINSON TEXAS:

Section 1. That a Community Development Block Grant – Mitigation (CDBG-MIT) Fund application is hereby authorized to be filed by the City of Dickinson with the General Land Office for the mitigation efforts under Hurricane Harvey State Competition.

Section 2. That the projects detailed within the application will address major drainage improvements at various sites throughout the City of Dickinson which were identified as a risk due to Hurricanes/Tropical Storms/Tropical Depressions and Riverine Flooding, thereby placing undue and certain health and safety risks on residents.

Section 3. That the CDBG-MIT Application request amount be filed for \$49,272,945.54.

Section 4. That the application will require a 1% cash match, based on CDBG-MIT application request amount, in the amount of \$492,729.46 committed by the City of Dickinson from the General Fund

Section 5. That the total project cost is \$49,765,675.00 to include construction, engineering, acquisition, and administration services.

Section 6. That the City Council directs and designates the Mayor and/or City Administrator as the City's Chief Executive Officer(s) and Authorized Representative to act in all matters in connection with this application and the City's participation in the Community Development Block Grant - Mitigation (CDBG-MIT) Program.

Section 7. That all funds will be used in accordance with all applicable federal, state, local and programmatic requirements including but not limited to procurement, environmental review, labor standards, real property acquisition, fair housing, and civil rights requirements.

DULY PASSED AND ADOPTED this 13th day of October, 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

October 13, 2020

Mayor and Council
City of Dickinson
4403 Highway 3
Dickinson, Texas 77539

RE: DICKINSON CDBG-MIT APPLICATION

Dear Mayor and Council:

Please allow this letter, and the detail contained within, to serve as the basis for discussion for the City's application in the upcoming Community Development Block Grant – Mitigation (CDBG-MIT) competition. The project consists of major drainage improvements within the northeastern portion of the city as well as a diversion channel/detention storage in the south western area of the City. Additional road and drainage improvements along Hughes Road are presented to alleviate the threat of flooding for a large portion of the City. The enclosed documents detail the project area, project scope, project budget, project beneficiaries, and project schedule. The final application budget is presented below:

<u>Activity</u>	<u>Grant</u>	<u>Match</u>	<u>Total</u>
Construction	\$40,332,270.54	\$492,729.46	\$40,825,000.00
Engineering	\$6,123,750.00	\$0.00	\$6,123,750.00
Administration	\$2,816,925.00	\$0.00	\$2,816,925.00
Total	\$49,272,945.54	\$492,729.46	\$49,765,675.00

Please note, the 1% local match commitment has been allocated to the construction activity and will be expected to be expended at the start of construction.

In addition, the following items are included for final approval and authorization to submit this application to the Texas General Land Officer on or before October 28, 2020:

- Application Resolution
- SF-424 Form (requires signature)
- Local Certification (requires signature)

The approved application resolution and the forms requiring signatures will need to be completed and sent back to me for inclusion with the official application material.

Respectfully,



Patrick K. Wiltshire
President and CEO

Application for Federal Assistance SF-424

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify): <input type="text"/>
--	--	--

* 3. Date Received: <input type="text" value="10/28/2020"/>	4. Applicant Identifier: <input type="text"/>
--	--

5a. Federal Entity Identifier: <input type="text"/>	5b. Federal Award Identifier: <input type="text"/>
--	---

State Use Only:

6. Date Received by State: <input type="text"/>	7. State Application Identifier: <input type="text"/>
---	---

8. APPLICANT INFORMATION:

* a. Legal Name:

* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="74-2139604"/>	* c. Organizational DUNS: <input type="text" value="1811535450000"/>
--	---

d. Address:

* Street1:
Street2:
* City:
County/Parish:
* State:
Province:
* Country:
* Zip / Postal Code:

e. Organizational Unit:

Department Name: <input type="text" value="City of Dickinson"/>	Division Name: <input type="text" value="Administration"/>
--	---

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

Title:

Organizational Affiliation:

* Telephone Number: Fax Number:

* Email:

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

United States Department of Housing and Urban Development

11. Catalog of Federal Domestic Assistance Number:

14.228

CFDA Title:

Community Development Block Grant - Mitigation (CDBG-MIT)

*** 12. Funding Opportunity Number:**

FR-6109-N-02

* Title:

Community Development Block Grant - Mitigation (CDBG-MIT)

13. Competition Identification Number:

N/A

Title:

N/A

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Flood & Drainage Activities. Area Benefit.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="49,272,945.54"/>
* b. Applicant	<input type="text" value="492,729.46"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="49,765,675.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: 

* Date Signed:



**Texas General Land Office
Community Development and Revitalization Division
Mitigation – Local Certifications**

Each Applicant for Community Development Block Grant Mitigation ("CDBG-MIT") funding must complete Federal Assistance Standard Form 424 (SF-424) and certify that local certifications included in this application guide were followed in the preparation of any CDBG-MIT program application. Additionally, Applicant must certify that it will continue to follow local certifications in the event that funding is awarded and Applicant is reclassified as a Subrecipient.

Each Applicant/Subrecipient must comply with the provisions of the National Environmental Policy Act ("NEPA"), the Council on Environmental Quality ("CEQ") regulations, the requirements set forth in Title 24 of the Code of Federal Regulations ("CFR") part 58, and applicable Texas General Land Office policy directives.

Each Applicant/Subrecipient must comply with all applicable federal and state laws, including environmental, labor (Davis-Bacon Act), the procurement procedures and contract requirements found at 2 C.F.R. §200.318 – §200.326, and all civil rights requirements.

Each Applicant/Subrecipient certifies, as outlined in 84 FR 45838 (August 30,2019), the following:

A. The Applicant/Subrecipient certifies that it has in effect and is following a residential anti-displacement and relocation assistance plan in connection with any activity assisted with CDBG-MIT funds.

B. The Applicant/Subrecipient certifies its compliance with restrictions on lobbying as required by 24 C.F.R. part 87, together with disclosure forms, if required by part 87.

C. Any entity or entities designated by the subrecipient, and any contractor, subrecipient, or designated public agency carrying out an activity with CDBG-MIT funds, possess(es) the legal authority to carry out the program for which it is seeking funding, in accordance with applicable HUD regulations and the federal register notice. The subrecipient certifies that activities to be undertaken with CDBG-MIT funds are consistent with the Action Plan.

D. The Applicant/Subrecipient certifies that it will comply with the acquisition and relocation requirements of the Uniform Relocation Act ("URA"), as amended, and implementing regulations at 49 CFR part 24, except where waivers or alternative requirements are provided for CDBG-MIT funds.

E. The Applicant/Subrecipient certifies that it will comply with Section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. §1701u) and implementing regulations at 24 C.F.R. part 135.

F. The Applicant/Subrecipient certifies that it is following a detailed citizen participation plan that satisfies the requirements of 24 CFR §91.115 or §91.105 (except as provided for in notices providing waivers and alternative requirements for this grant). Also, each local government receiving assistance from a state grantee must follow a detailed citizen participation plan that satisfies the requirements of 24 CFR §570.486 (except as provided for in notices providing waivers and alternative requirements for this grant).

G. The Applicant/Subrecipient certifies that it is complying with each of the following criteria:

1) Funds will be used solely for necessary expenses related to mitigation activities, as applicable, in the most impacted and distressed areas for which the President declared a major disaster in 2015, 2016, or 2017 pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1974 (42 U.S.C. §5121 et seq.).

2) With respect to activities expected to be assisted with CDBG-MIT funds, the relevant action plan has been developed to give priority to activities that will benefit low- and moderate-income families.

3) The aggregate use of CDBG-MIT funds shall principally benefit low- and moderate-income families in a manner that ensures that at least 50 percent (or another percentage permitted by HUD in a waiver published in an applicable Federal Register notice) of the CDBG-MIT grant amount is expended for activities that benefit such persons.

4) The Applicant/Subrecipient will not attempt to recover any capital costs of public improvements assisted with CDBG-MIT funds by assessing any amount against properties owned and occupied by persons of low- and moderate-income, including any fee charged or assessment made as a condition of obtaining access to such public improvements, unless:

i. CDBG-MIT funds are used to pay the proportion of such fee or assessment that relates to the capital costs of such public improvements that are financed from revenue sources other than under this title; or

ii. For purposes of assessing any amount against properties owned and occupied by persons of moderate income, the grantee certifies to the Secretary that it lacks sufficient CDBG funds (in any form) to comply with the requirements of clause (a).

H. The Applicant/Subrecipient certifies that the grant will be conducted and administered in conformity with title VI of the Civil Rights Act of 1964 (42 U.S.C. §2000d), the Fair Housing Act (42 U.S.C. §3601-§3619), and implementing regulations, and that it will affirmatively further fair housing.

I. The Applicant/Subrecipient certifies that it has adopted and is enforcing the following policies, and, in addition, must certify that they will require local governments that receive grant funds to certify that they have adopted and are enforcing:

1) A policy prohibiting the use of excessive force by law enforcement agencies within its jurisdiction against any individuals engaged in nonviolent civil rights demonstrations;

2) A policy of enforcing applicable state and local laws against physically barring entrance to or exit from a facility or location that is the subject of such nonviolent civil rights demonstrations within its jurisdiction.

J. The Applicant/Subrecipient certifies that it (and any administering entity) currently has or will develop and maintain the capacity to carry out mitigation activities, as applicable, in a timely manner and that the subrecipient has reviewed the respective requirements of this notice.

K. The Applicant/Subrecipient certifies that it will not use CDBG-MIT funds for any activity in an area identified as flood prone for land use or hazard mitigation planning purposes by the state, local, or tribal government or delineated as a Special Flood Hazard Area (or 100-year floodplain) in FEMA’s most current flood advisory maps, unless it also ensures that the action is designed or modified to minimize harm to or within the floodplain, in accordance with Executive Order 11988 and 24 C.F.R. part 55. The relevant data source for this provision is the state, local, and tribal government land use regulations and hazard mitigation plans and the latest-issued FEMA data or guidance, which includes advisory data (such as Advisory Base Flood Elevations) or preliminary and final Flood Insurance Rate Maps.

L. The Applicant/Subrecipient certifies that its activities concerning lead-based paint will comply with the requirements of 24 CFR part 35, subparts A, B, I, K, and R.

M. The Applicant/Subrecipient certifies that it will comply with environmental requirements at 24 CFR part 58.

N. The Applicant/Subrecipient certifies that it will comply with applicable laws.

WARNING: ANY PERSON WHO KNOWINGLY MAKES A FALSE CLAIM OR STATEMENT TO HUD MAY BE SUBJECT TO CIVIL OR CRIMINAL PENALTIES UNDER 18 U.S.C. §287; 18 U.S.C. §1001, AND 31 U.S.C. § 3729.

Except as otherwise provided under federal law, any person who knowingly and willfully falsifies, conceals, or covers up a material fact by any trick, scheme or device or who makes any materially false, fictitious, or fraudulent statement or representation or who makes or uses any false writing or document knowing the writing or document to contain materially false, fictitious, or fraudulent statement or entry shall be prosecuted under Title 18, United States Code, §1001.

Chris Heard, City Administrator

10/13/2020

Printed Name of Authorized Signatory

Date

Signature of Authorized Signatory

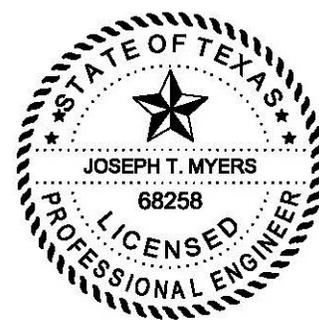
Memorandum

DATE: September 28, 2020

TO: Chris Heard
City Administrator, City of Dickinson, Texas

FROM: Joseph T. Myers, P.E., CFM

SUBJECT: Dickinson Flood Mitigation
City of Dickinson
Application for CDBG-MIT Funding



Huitt-Zollars Inc.
Firm Registration No. F-761

Project Site & Description: Dickinson Flood Mitigation

This drainage project is comprised of building two (2) large storm sewer systems which facilitates and improves the drainage of flood waters from several bayous within the City of Dickinson and conveys the water to Dickinson Bayou quicker whereby draining the residential area of the City of Dickinson faster.

The conceptual plan calls for a large channel to be built south of Dickinson Bayou just to the east of I-45 to convey water from Dickinson Bayou to Hughes Road. A large storm sewer comprised of large reinforced concrete box culverts would be constructed below Hughes Road all the way to the east and outfall into Dickinson Bayou further downstream. Hughes Road would be reconstructed after the construction of the box culverts. The channel from Dickinson Bayou to the inlet of the box culverts under Hughes Road will be over excavated to provide floodplain storage as indicated on the project map.

The conceptual plan also calls for the construction of a large storm sewer beginning near the intersection of FM 1266 and Deats Road to pull water from West Gun Bayou. The storm sewer is intended to proceed southwest under Deats Road to Nichols Street and then under Nichols Street to FM 517. The storm sewer would then proceed west to the area of Nebraska Street and then south to Dickinson Bayou. This would also be a constructed using large reinforced concrete box culverts. All roadways under which the storm sewer is proposed would also be reconstructed. Storm sewer connections from west of the railroad corridor would be constructed to provide drainage enhancements to the area along SH 3 and areas draining to Bensen Bayou as indicated on the project map.

These projects will provide significant benefits to the City of Dickinson.

Beneficiary:

A significant portion of the City of Dickinson will benefit from this project. Based on available census data, approximately 13,130 out of a total of 20,529 residents (64% of the population) will see relief as a result of this project. The primary beneficiaries are the residents in Census Tracts 7209, 7211, and a portion of 7208, of which 52.93% are classified as Low-to-Moderate Income (LMI). The drainage system to the south will lower the water surface in Dickinson Bayou and allow for increased conveyance of flood waters from the interior of the City between I-45 and SH 3. The drainage system to the north will collect flood waters from Benson Bayou and West Gum Bayou before they enter Dickinson Bayou and

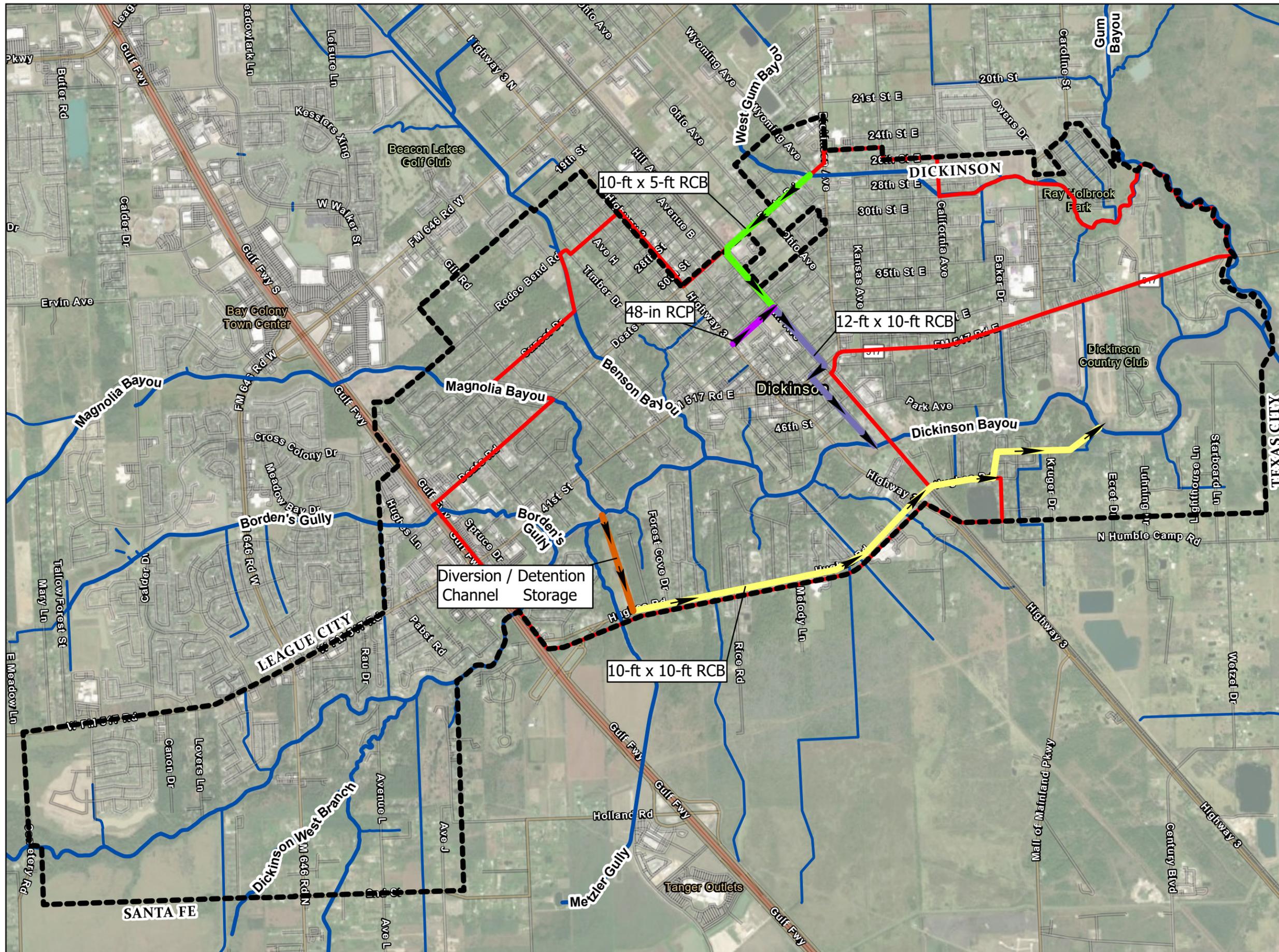
convey those waters out of the City much quicker allowing the system to react better during flooding events. This portion of the City of Dickinson is relatively flat. The drainage system is comprised of roadside ditches and very limited storm sewers that limit the drainage and create shallow flooding during frequent events. These proposed drainage systems will provide much needed relief during frequent rainfall events.

Mitigation:

The City of Dickinson has been significantly impacted by several major disasters dating back to Tropical Storm Allison (2001), Hurricane Ike (2008), and Hurricane and Tropical Storm Harvey (2017). During these disaster events significant portions of the City were flooded either due to storm surge or rainfall inundation. Geographically, The City is located in the lower portion of Dickinson Bayou watershed and therefor susceptible to severe flood conditions during periods of heavy and prolonged rain events or storm surge. Moreover, there are numerous bayous that drain into Dickinson Bayou within the City limits which exacerbate the flooding conditions for the residents. Dickinson Bayou is constrained by SH 3 and a railroad crossing and has limited capacity to drain the area upstream of the City. The construction of large capacity storm sewers that will collect the flood waters from bayous to the north and the south and convey those waters quickly to downstream portions of Dickinson Bayou will alleviate the impact of flooding on the City of Dickinson.

Project Schedule:

The City of Dickinson has properly procured the services of a Grant Administrator and Project Engineering Firm to properly execute the project. Upon the Authorization to proceed, the Engineering will begin with the performance of Surveying and Geotechnical Investigations. There will be an in-depth hydrologic and hydraulic study performed to finalize the design and ensure all floodplain ordinances of the City of Dickinson are properly followed. Findings of these investigations and studies will be memorialized in a study document. The design phase is anticipated to take approximately 14 months. During this phase the project will be coordinated with local, state and federal partners to ensure all permits are properly obtained. Upon the permitting of the project, the bidding phase will approximately 2 months and will follow all city, state and federal procurement requirements. Construction will take approximately 19 months to complete. The engineering firm will participate in the review of all construction related documentation.



Legend

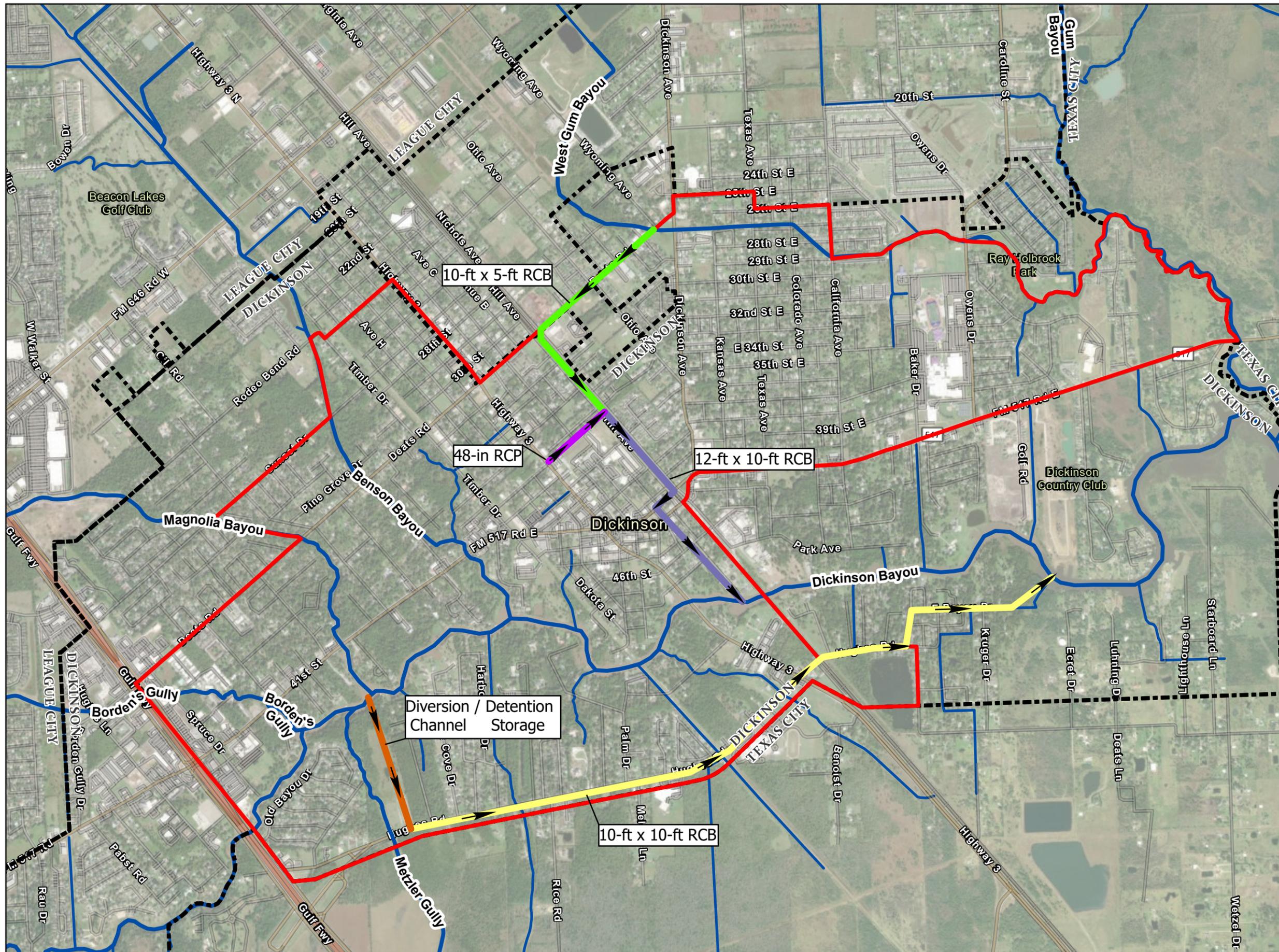
-  Dickinson City Limits
-  Benefit Area
- Improvements**
-  10-ft x 10-ft RCB
-  10-ft x 5-ft RCB
-  12-ft x 10-ft RCB
-  48-in RCP
-  Diversion Channel / Detention Storage



HUITT-ZOLLARS
 10350 RICHMOND AVE
 SUITE 300
 HOUSTON, TEXAS 77042

EXHIBIT 1





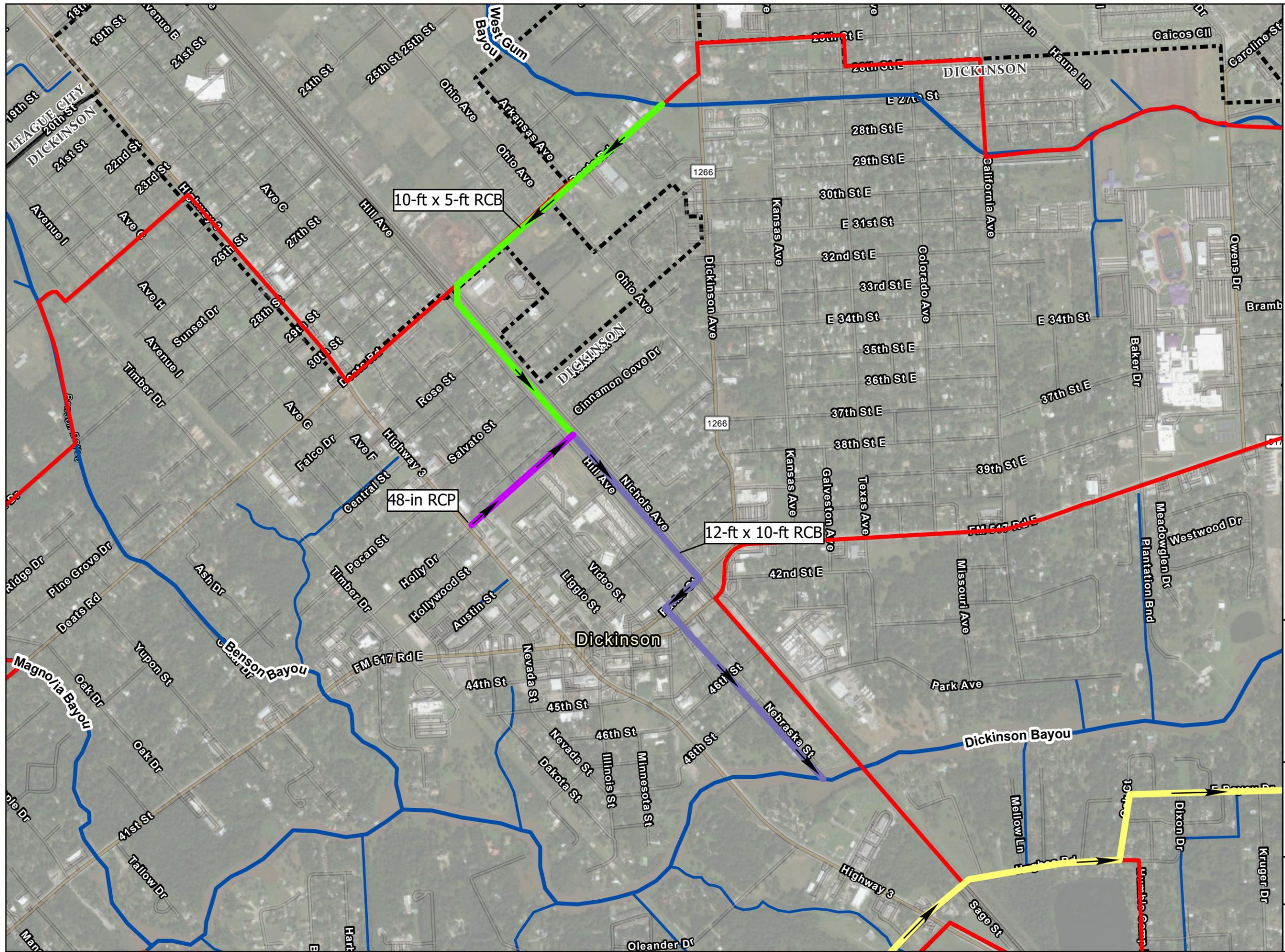
- Legend**
- City Boundaries
 - Benefit Area
 - Improvements**
 - 10-ft x 10-ft RCB
 - 10-ft x 5-ft RCB
 - 12-ft x 10-ft RCB
 - 48-in RCP
 - Diversion Channel / Detention Storage



HUITT-ZOLLARS
 10350 RICHMOND AVE
 SUITE 300
 HOUSTON, TEXAS 77042

EXHIBIT 2





Legend

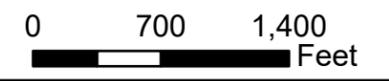
-  City Boundaries
-  Benefit Area
- Improvements**
-  10-ft x 10-ft RCB
-  10-ft x 5-ft RCB
-  12-ft x 10-ft RCB
-  48-in RCP
-  Diversion Channel / Detention Storage

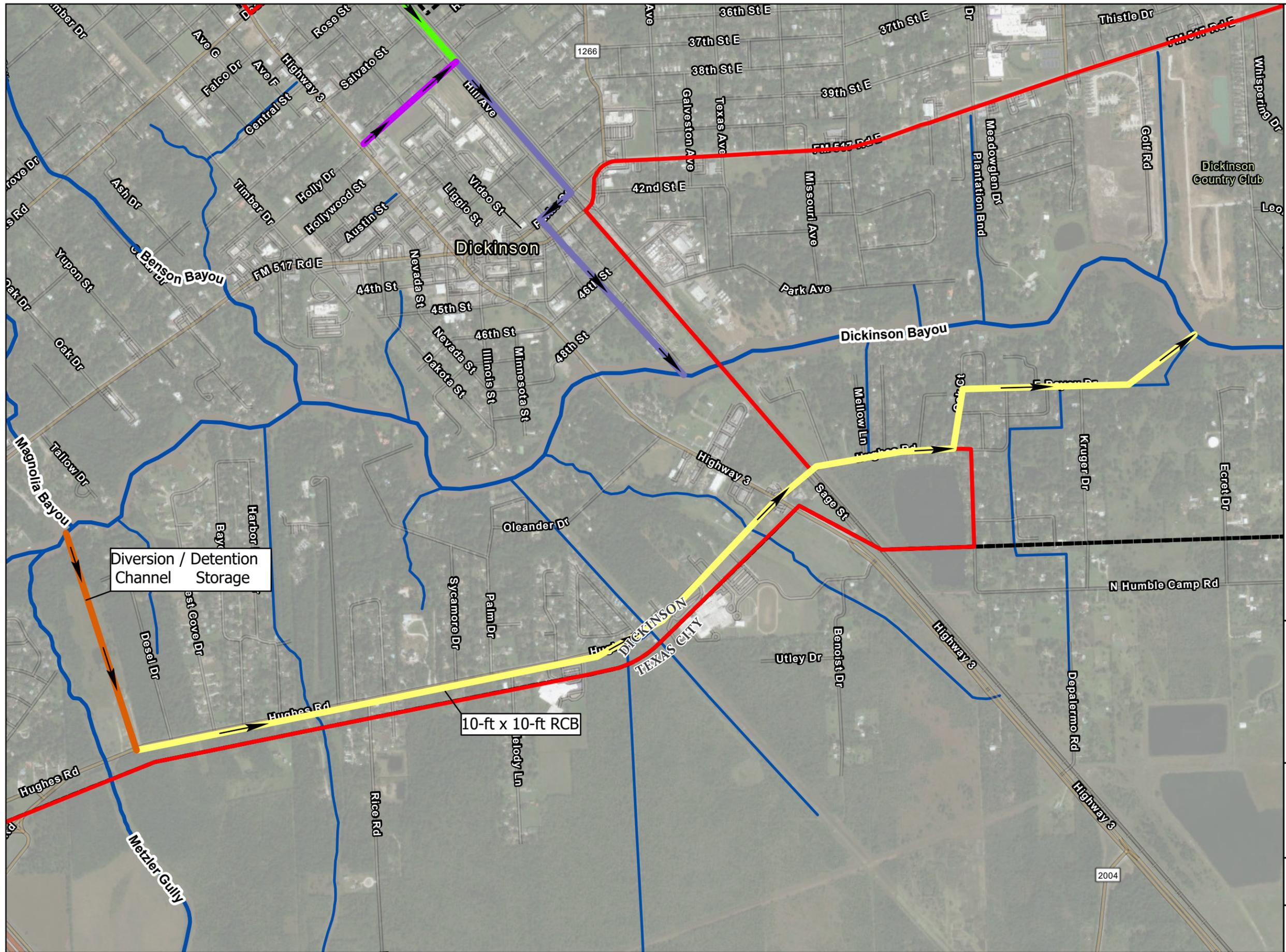


HUITT-ZOLLARS

10350 RICHMOND AVE
SUITE 300
HOUSTON, TEXAS 77042

EXHIBIT 2a





Legend

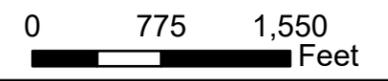
-  City Boundaries
-  Benefit Area
- Improvements**
-  10-ft x 10-ft RCB
-  10-ft x 5-ft RCB
-  12-ft x 10-ft RCB
-  48-in RCP
-  Diversion Channel / Detention Storage

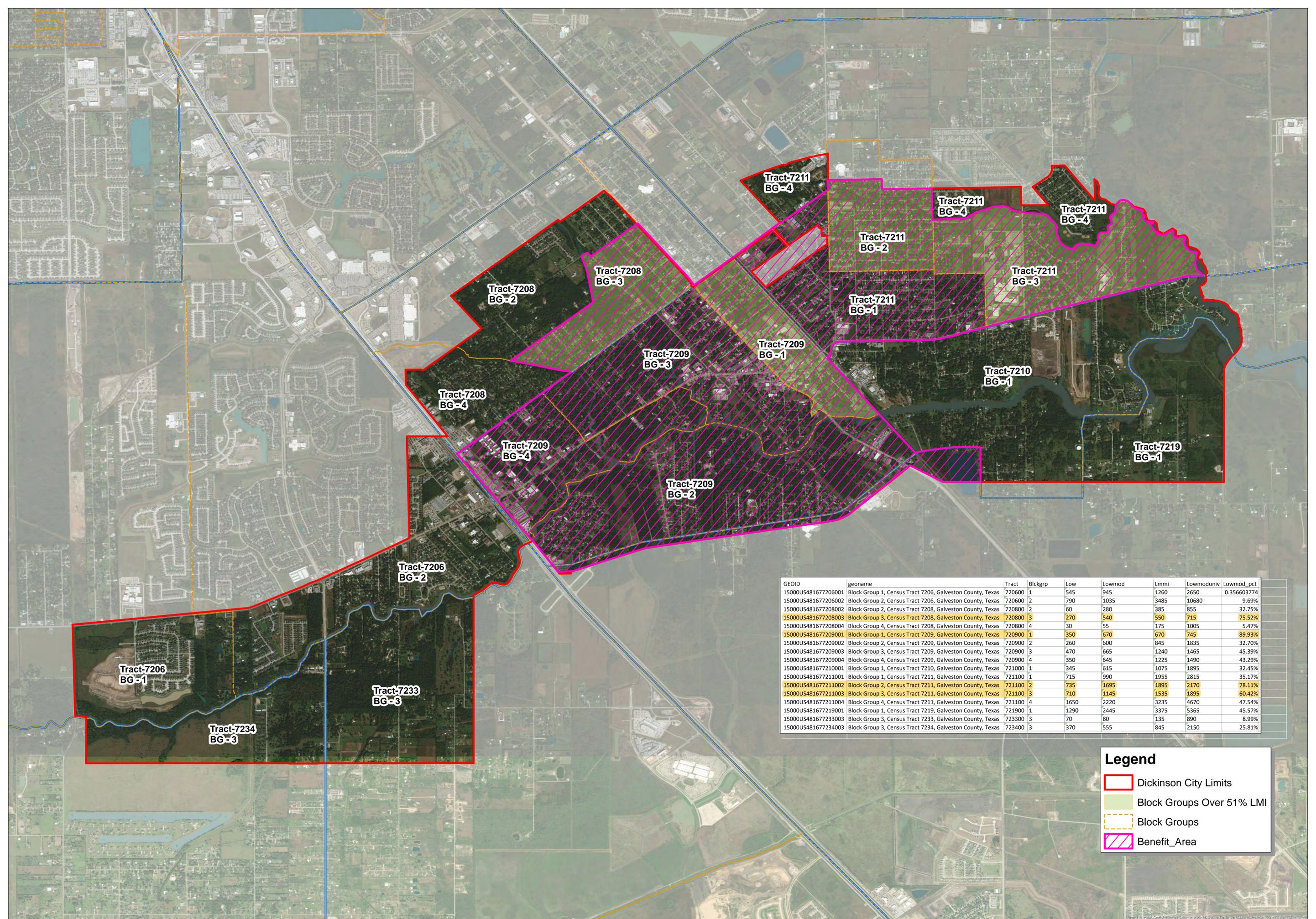


HUITT-ZOLLARS

10350 RICHMOND AVE
SUITE 300
HOUSTON, TEXAS 77042

EXHIBIT 2b





GEOID	geoname	Tract	Blkgrp	Low	Lowmod	Lmhi	Lowmoduniv	Lowmod_pct
15000US481677206001	Block Group 1, Census Tract 7206, Galveston County, Texas	720600	1	545	945	1260	2650	0.356603774
15000US481677206002	Block Group 2, Census Tract 7206, Galveston County, Texas	720600	2	790	1035	3485	10680	9.69%
15000US481677208002	Block Group 2, Census Tract 7208, Galveston County, Texas	720800	2	60	280	385	855	32.75%
15000US481677208003	Block Group 3, Census Tract 7208, Galveston County, Texas	720800	3	270	540	550	715	75.52%
15000US481677208004	Block Group 4, Census Tract 7208, Galveston County, Texas	720800	4	30	55	175	1005	5.47%
15000US481677209001	Block Group 1, Census Tract 7209, Galveston County, Texas	720900	1	350	670	670	745	89.93%
15000US481677209002	Block Group 2, Census Tract 7209, Galveston County, Texas	720900	2	260	600	845	1835	32.70%
15000US481677209003	Block Group 3, Census Tract 7209, Galveston County, Texas	720900	3	470	665	1240	1465	45.39%
15000US481677209004	Block Group 4, Census Tract 7209, Galveston County, Texas	720900	4	350	645	1225	1490	43.29%
15000US481677210001	Block Group 1, Census Tract 7210, Galveston County, Texas	721000	1	345	615	1075	1895	32.45%
15000US481677211001	Block Group 1, Census Tract 7211, Galveston County, Texas	721100	1	715	990	1955	2815	35.17%
15000US481677211002	Block Group 2, Census Tract 7211, Galveston County, Texas	721100	2	735	1695	1895	2170	78.11%
15000US481677211003	Block Group 3, Census Tract 7211, Galveston County, Texas	721100	3	710	1145	1535	1895	60.42%
15000US481677211004	Block Group 4, Census Tract 7211, Galveston County, Texas	721100	4	1650	2220	3235	4670	47.54%
15000US481677219001	Block Group 1, Census Tract 7219, Galveston County, Texas	721900	1	1290	2445	3375	5365	45.57%
15000US481677233003	Block Group 3, Census Tract 7233, Galveston County, Texas	723300	3	70	80	135	890	8.99%
15000US481677234003	Block Group 3, Census Tract 7234, Galveston County, Texas	723400	3	370	555	845	2150	25.81%

Legend

- Dickinson City Limits
- Block Groups Over 51% LMI
- Block Groups
- Benefit_Area

GEOID	geoname	Stu	Countyname	State	County	Tract	Bckgrp	Low	Lowmod	Lowmoduniv	Lowmod_pct
15000US481677208003	Block Group 3, Census Tract 7208, Galveston County, Texas	TX	Galveston County	48	167	720800	3	270	540	715	75.52%
15000US481677209001	Block Group 1, Census Tract 7209, Galveston County, Texas	TX	Galveston County	48	167	720900	1	350	670	745	89.93%
15000US481677209002	Block Group 2, Census Tract 7209, Galveston County, Texas	TX	Galveston County	48	167	720900	2	260	600	1835	32.70%
15000US481677209003	Block Group 3, Census Tract 7209, Galveston County, Texas	TX	Galveston County	48	167	720900	3	470	665	1465	45.39%
15000US481677209004	Block Group 4, Census Tract 7209, Galveston County, Texas	TX	Galveston County	48	167	720900	4	350	645	1490	43.29%
15000US481677211001	Block Group 1, Census Tract 7211, Galveston County, Texas	TX	Galveston County	48	167	721100	1	715	990	2815	35.17%
15000US481677211002	Block Group 2, Census Tract 7211, Galveston County, Texas	TX	Galveston County	48	167	721100	2	735	1695	2170	78.11%
15000US481677211003	Block Group 3, Census Tract 7211, Galveston County, Texas	TX	Galveston County	48	167	721100	3	710	1145	1895	60.42%
Totals									6950	13130	52.93%



CDBG-MIT: Budget Justification of Retail Costs (Former Table 2)

Cost Verification Controls must be in place to assure that construction costs are reasonable and consistent with market costs at the time and place of construction.

Applicant/Subrecipient: City of Dickinson
Site/Activity Title: Drainage Improvements

Eligible Activity:

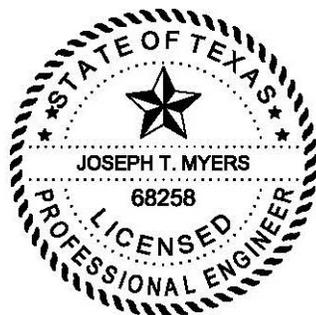
Materials/Facilities/Services	\$/Unit	Unit	Quantity	Construction	Acquisition	Total
Site Preparation	\$ 1,500,000.00	LS	1	\$ 1,500,000.00	\$ -	\$ 1,500,000.00
Traffic Control and Temporary Paving	\$ 250,000.00	LS	2	\$ 500,000.00	\$ -	\$ 500,000.00
Excavation	\$ 20.00	CY	60000	\$ 1,200,000.00	\$ -	\$ 1,200,000.00
Inlet Headwall	\$ 75,000.00	LS	1	\$ 75,000.00	\$ -	\$ 75,000.00
Erosion Protection	\$ 50,000.00	LS	1	\$ 50,000.00	\$ -	\$ 50,000.00
Bulkhead	\$ 200.00	LF	5000	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
Box Culverts	\$ 1,100.00	LF	25000	\$ 27,500,000.00	\$ -	\$ 27,500,000.00
Outfall Structure	\$ 100,000.00	LS	2	\$ 200,000.00	\$ -	\$ 200,000.00
Concrete slope paving	\$ 25,000.00	LS	2	\$ 50,000.00	\$ -	\$ 50,000.00
Roadway	\$ 350.00	LF	25000	\$ 8,750,000.00	\$ -	\$ 8,750,000.00
Engineering	\$ 1.00	LS	6123750	\$ 6,123,750.00	\$ -	\$ 6,123,750.00
	\$ -		0	\$ -	\$ -	\$ -
	\$ -		0	\$ -	\$ -	\$ -
	\$ -		0	\$ -	\$ -	\$ -
	\$ -		0	\$ -	\$ -	\$ -
	\$ -		0	\$ -	\$ -	\$ -
TOTAL				\$ 46,948,750.00	\$ -	\$ 46,948,750.00

1. Identify and explain the annual projected operation and maintenance costs associated with the proposed activities.

The annual operation and maintenance expenses for this gravity storm sewer system will be minimal. The roadways will be inspected annually, cleaned periodically and after storm events. The storm sewer will be inspected annually and after major storm events. Cleaned as necessary. The cost of the annual operation will be less than \$50,000.

2. Identify and explain any special engineering activities.

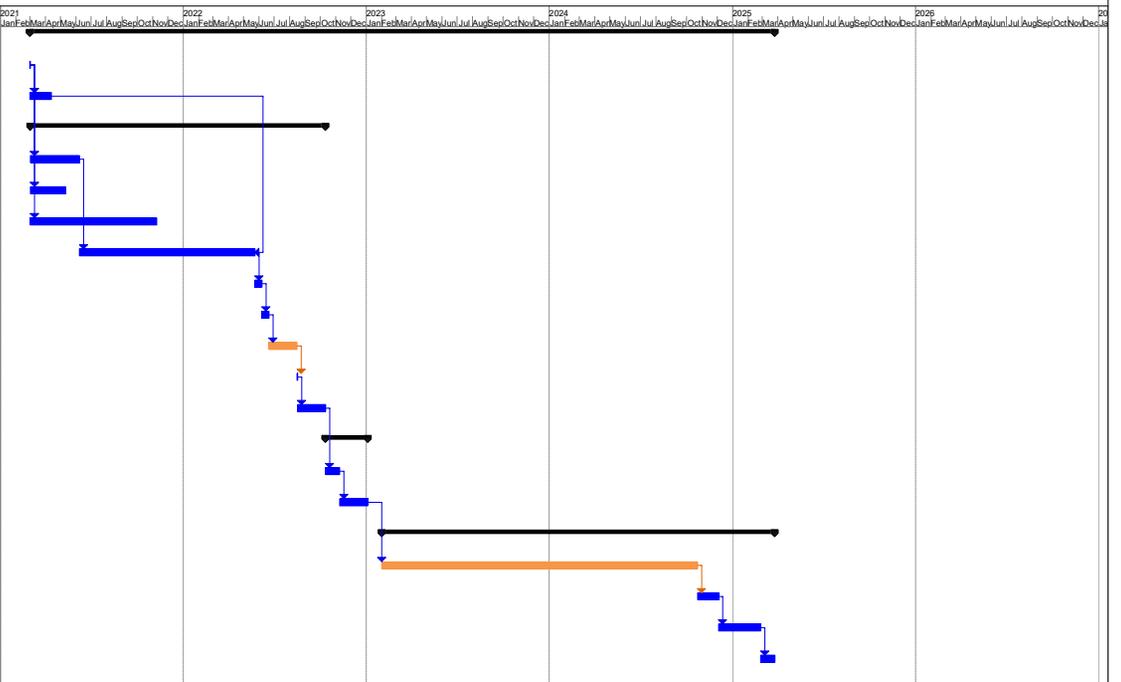
N/A



Date: 9/17/2020
Phone Number: 281-496-0066

Signature of Registered Engineer/Architect
Responsible For Budget Justification:

ID	Task Name	Duration	Start	Finish	Predecessors
1	Dickinson CDBG-MIT Drainage Project	1062 days	Mon 3/1/21	Tue 3/25/25	
2	Notice to Proceed	1 day	Mon 3/1/21	Mon 3/1/21	
3	Environmental Clearance	30 days	Tue 3/2/21	Mon 4/12/21	
4	Design Phase	421 days	Tue 3/2/21	Tue 10/11/22	
5	Topographical Survey	70 days	Tue 3/2/21	Mon 6/7/21	
6	Geotechnical Investigation and Report	50 days	Tue 3/2/21	Mon 5/10/21	
7	H&H Investigation and Report	180 days	Tue 3/2/21	Mon 11/8/21	
8	Prepare Preliminary Plans and Specs	250 days	Tue 6/8/21	Mon 5/23/22	5,3FF
9	Submit Preliminary Plans and Specs to City for Approval	10 days	Tue 5/24/22	Mon 6/6/22	8
10	City Approval of Preliminary P&S	10 days	Tue 6/7/22	Mon 6/20/22	9
11	Prepare Final Plans and Specs	40 days	Tue 6/21/22	Mon 8/15/22	10
12	Submit to Regulatory Agencies for Approval	1 day	Tue 8/16/22	Tue 8/16/22	11
13	Regulatory Agency Approval of Final P&S	40 days	Wed 8/17/22	Tue 10/11/22	12
14	Bidding Phase	60 days	Wed 10/12/22	Tue 1/3/23	
15	Assist City with Bidding Services	20 days	Wed 10/12/22	Tue 11/8/22	14
16	Award Construction Contract	40 days	Wed 11/9/22	Tue 1/3/23	15
17	Construction Phase	560 days	Wed 2/1/23	Tue 3/25/25	
18	Perform Construction Administration	450 days	Wed 2/1/23	Tue 10/22/24	16FS+20 days
19	Construction Complete	30 days	Wed 10/23/24	Tue 12/3/24	18
20	Final Close out Assessment and As-Built Drawings	60 days	Wed 12/4/24	Tue 2/25/25	19
21	Final Inspection and Acceptance by the City	20 days	Wed 2/26/25	Tue 3/25/25	20



ITEM 11

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY OF DICKINSON, TEXAS, AMENDING THE DICKINSON HAZARD MITIGATION PLAN WHICH INCLUDES THE CITY OF DICKINSON MITIGATION ACTIONS; PROVIDING FOR THE INCORPORATION OF PREAMBLE; ESTABLISHING CERTAIN RESPONSIBILITIES FOR REVIEWING AND IMPLEMENTING THE HAZARD MITIGATION ACTION PLAN; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, natural hazards in the City of Dickinson historically have caused significant disasters with losses of life and property and natural resources damage; and,

WHEREAS, in response to natural disasters and the Federal Disaster Mitigation Act of 2000, the City of Dickinson participated and adopted the Galveston County Hazard Mitigation Action Plan (HMAP), approved by the Federal Emergency Management Agency (FEMA) in 2011; and,

WHEREAS, FEMA requires that communities update an approved HMAP every five years to remain eligible for the full range of pre-disaster and post-disaster federal funding for mitigation purposes; and,

WHEREAS, the City of Dickinson has assessed potential risks and hazards and is committed to planning for a sustainable community by reducing the long-term consequences of natural and man-caused hazards through the development of a Hazard Mitigation Action Plan Update ("Plan Update"); and,

WHEREAS, the Plan Update outlines mitigation goals and objectives and identifies risk reduction strategies and,

WHEREAS, FEMA has approved the Plan Update and adoption by the City of Dickinson is necessary to remain eligible for federal pre- and post-disaster funding.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

Section 1. The facts and statements contained in the preamble are hereby found to be true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. The City of Dickinson hereby approves the Dickinson Hazard Mitigation Action Plan Update in its entirety, which includes the City of Dickinson Mitigation Actions of which are incorporated herein by hazard.

Section 3. The City of Dickinson will pursue available funding opportunities for implementation of the proposals designated therein, and will, upon receipt of such funding or other necessary resources. seek to implement the actions contained in the mitigation strategies.

Section 4. The City of Dickinson vests with the Mayor the responsibility, authority, and means to; inform all parties of this action; assure that the Plan Update will be reviewed at least annually; and that any major adjustments or revisions will be presented to the City Council for consideration.

Section 5. The City of Dickinson agrees to take such other action as may be reasonably necessary to carry out the objectives of the Plan Update and report on progress as required by FEMA and the Texas Division of Emergency Management (TDEM).

This Resolution shall become effective immediately upon its passage.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

Amend the City of Dickinson Hazard Mitigation Plan, Section 2 Hazard Identification and Risk Assessment, Flood Events. This section now to include the following projects in Mitigation Actions:

Implement the construction of the California Avenue storm sewer improvement project.

- **High Priority**
- **Estimated Cost** – City of Dickinson participation is estimated to be \$1,000,000
- **Potential Funding Sources** -
General Fund
Federal and State Grants
- **Responsibility** -
Public Works
- **Implementation Schedule** -
As funds are identified and become available

Implement the construction of a flood control siphon to drain a portion of the Moore’s Addition

- **High Priority**
- **Estimated Cost** – \$5,000,000
- **Potential Funding Sources** -
General Fund
Federal and State Grants
- **Responsibility** -
Public Works
- **Implementation Schedule** -
As funds are identified and become available

Implement the construction of improvements to Ditch #1 to add additional storm water detention

- **High Priority**
- **Estimated Cost** – \$1,500,000
- **Potential Funding Sources** -
General Fund
Federal and State Grants
- **Responsibility** -
Public Works
- **Implementation Schedule** -
As funds are identified and become available

Implement the construction of storm sewer improvement project from the intersection of Deats Road and FM 1266 to Dickinson Bayou

- **High Priority**
- **Estimated Cost** – \$21,000,000
- **Potential Funding Sources** -
General Fund
Federal and State Grants
- **Responsibility** -

Public Works

- **Implementation Schedule -**
As funds are identified and become available

Implement the construction of Hughes Road storm sewer improvement project

- **High Priority**
- **Estimated Cost – \$29,000,000**
- **Potential Funding Sources -**
General Fund
Federal and State Grants
- **Responsibility -**
Public Works
- **Implementation Schedule -**
As funds are identified and become available

RESOLUTION NUMBER 1628-2017

A RESOLUTION OF THE CITY OF DICKINSON, TEXAS, APPROVING THE DICKINSON HAZARD MITIGATION PLAN UPDATE WHICH INCLUDES THE CITY OF DICKINSON MITIGATION ACTIONS; PROVIDING FOR THE INCORPORATION OF PREAMBLE; ESTABLISHING CERTAIN RESPONSIBILITIES FOR REVIEWING AND IMPLEMENTING THE HAZARD MITIGATION ACTION PLAN; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, natural hazards in the City of Dickinson historically have caused significant disasters with losses of life and property and natural resources damage; and,

WHEREAS, in response to natural disasters and the Federal Disaster Mitigation Act of 2000, the City of Dickinson participated and adopted the Galveston County Hazard Mitigation Action Plan (HMAP), approved by the Federal Emergency Management Agency (FEMA) in 2011; and,

WHEREAS, FEMA requires that communities update an approved HMAP every five years to remain eligible for the full range of pre-disaster and post-disaster federal funding for mitigation purposes; and,

WHEREAS, the City of Dickinson has assessed potential risks and hazards and is committed to planning for a sustainable community by reducing the long-term consequences of natural and man-caused hazards through the development of a Hazard Mitigation Action Plan Update ("Plan Update"); and,

WHEREAS, the Plan Update outlines mitigation goals and objectives and identifies risk reduction strategies; and,

WHEREAS, FEMA has approved the Plan Update and adoption by the City of Dickinson is necessary to remain eligible for federal pre- and post-disaster funding.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

The facts and statements contained in the preamble are hereby found to be true and correct and are incorporated herein and made a part hereof for all purposes.

The City of Dickinson hereby approves the Dickinson Hazard Mitigation Action Plan Update in its entirety, which includes the City of Dickinson Mitigation Actions of which are incorporated herein by hazard.

The City of Dickinson will pursue available funding opportunities for implementation of the proposals designated therein, and will, upon receipt of such funding or other necessary resources, seek to implement the actions contained in the mitigation strategies.

The City of Dickinson vests with the Mayor the responsibility, authority, and means to: inform all parties of this action; assure that the Plan Update will be reviewed at least annually; and that any major adjustments or revisions will be presented to the City Council for consideration.

The City of Dickinson agrees to take such other action as may be reasonably necessary to carry out the objectives of the Plan Update and report on progress as required by FEMA and the Texas Division of Emergency Management (TDEM).

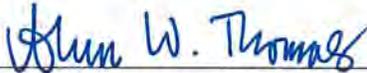
This Resolution shall become effective immediately upon its passage.

DULY PASSED, APPROVED AND ADOPTED on this the 14th day of November 2017.




Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:



Alun W. Thomas, City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

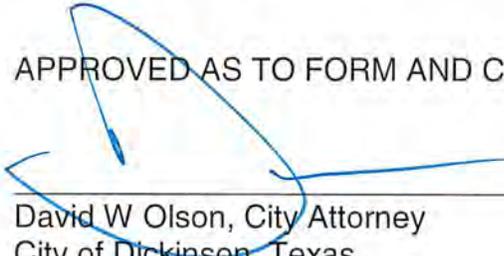

David W. Olson, City Attorney
City of Dickinson, Texas

EXHIBIT "A"

TO

RESOLUTION 1628-2017

CITY OF DICKINSON

MITIGATION PLAN

**City of Dickinson
Office of Emergency Management
4000 Liggio St
Dickinson TX 775393
281-337-4700**

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Introduction

The City of Dickinson undertook the development of the *2005 Hazard Assessment and Mitigation Plan* as a requirement associated with eligibility for specific grant assistance programs through FEMA.

In accordance with **44 Code of Federal Regulations (CFR) 201.6(d)(3)**, "*A local jurisdiction must review and revise its plan to reflect changes in development, progress in local mitigation efforts, and changes in priorities, and re-submit it for approval within five years in order to continue to be eligible for mitigation project grant funding.*"

The *2010 Plan* review and update entailed a complete re-evaluation and update of all sections of the Plan, and reflected conditions that have changed since the completion of the *2005 Plan*.

The 2017 Plan review is an evaluation of the information in the 2010 plan and an update of all changes in development and growth that have occurred in the city.

Most significant change to the plan was the City of Dickinson developing an independent plan absent of the County of Galveston plan. Which allows this plan to become more robust due to population changes and city specific annexations of extra-territorial jurisdiction.

These changes have no significant changes in vulnerabilities to hazards. There has also been no changes to the priorities as demonstrated in previous plans.

Authority

"Disasters occur when the risk area population adopts patterns of land use, building construction, and economic activity that are vulnerable to the physical impacts of extreme events in the physical environment, such as tornadoes or floods". (Kathleen J. Tierney, et al., *Facing the Unexpected: Disaster Preparedness and Response in the United States*, 2001, pg. 12).

As defined by the Federal Emergency Management Agency (FEMA), mitigation refers to any sustained action taken to reduce or eliminate long-term risk to people and property from hazards and their effects. Hazard mitigation planning is the process through which natural hazards that threaten the community are identified, likely impacts of those hazards are determined, mitigation goals are defined, and appropriate strategies that would lessen the impacts are prioritized and implemented.

The Disaster Mitigation Act of 2000 (DMA 2000), is the latest legislation that reinforces the importance of mitigation planning and emphasizes planning for disasters before they occur. As such, DMA 2000 establishes a pre-disaster hazard mitigation program and new requirements for the national post-disaster Hazard Mitigation Grant Program (HMGP). Section 322 of DMA 2000 specifically addresses mitigation planning at the state and local levels. Section 322 identifies new requirements that allow HMGP funds to be used for planning activities, and increases the amount of HMGP funds available to states that have developed a comprehensive, enhanced mitigation plan prior to a disaster.

States, tribes, and communities must have an approved mitigation plan in place before receiving HMGP funds. Local mitigation plans must demonstrate that their proposed mitigation actions are based on a sound planning process that accounts for the risk to and the capabilities of the individual communities. DMA 2000 is intended to facilitate cooperation between state and local authorities. It encourages and rewards local, tribal, and state pre-disaster planning and promotes sustainability as a strategy for disaster resistance.

This *Plan* update is specific to the City of Dickinson, and will reflect conditions which have changed since the 2010 Mitigation Plan. The plan will comply with all requirements as promulgated by the Texas Division of Emergency Management (TDEM), and all applicable provisions of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Section 104 of the DMA 2000 (P.L. 106-390), the Bunning-Bereuter-Blumenauer Flood Insurance Reform Act of 2004 (P.L. 108-264), which amended the National Flood Insurance Act (NFIA) of 1968 (42 U.S.C. 4001, et al). The update process also followed the FEMA guidance document titled *Local Mitigation Plan Review Guide (2011)*, which is the source for defining the requirements for the original and updated local mitigation plans as found in 44 CFR §201.

The *2011 Hazard Analysis and Mitigation Plan* entailed a review of the *2007 Plan*, and resulted in an update of the 2011 document. Review of the *2010 City of Dickinson Local Mitigation Plan* entailed a process to review and update the following data:

- Census data
- Weather events
- Long-range drainage plan
- Drought contingency plan
- Demographic data
- FEMA floodplain maps
- Thoroughfare plan
- Pipeline map development

Purpose and Need

Each year, natural disasters kill hundreds of people and injure thousands more throughout the United States. Taxpayers pay billions of dollars annually to help communities, organizations, businesses and individuals recover from disasters. These monies only partially reflect the true cost of disasters, because additional expenses to insurance companies and non-governmental organizations are not reimbursed by tax dollars. Many natural disasters are predictable, often with the same results. Many of the damages caused by these events can be alleviated or even eliminated.

FEMA, part of the Department of Homeland Security, has targeted reducing losses from natural disasters as one of its primary goals. Hazard mitigation planning and subsequent implementation of projects, measures, and policies developed through hazard analysis and mitigation plans are the primary mechanisms for achieving these goals. Success in reducing disaster damages is the result of mitigation projects implemented subsequent to mitigation planning.

DMA 2000 requires state and local governments to develop hazard mitigation plans in order to maintain their eligibility for certain federal disaster assistance and hazard mitigation funding programs. Compliance with these requirements will maintain a participating jurisdiction's continued eligibility for certain FEMA hazard mitigation grant programs. Communities at risk from natural disasters cannot afford to jeopardize this funding. Additionally, proactive mitigation planning at the local level can help reduce the cost of disaster response and recovery to property owners and governments, by protecting critical community facilities, reducing liability exposure, and minimizing overall community impacts and disruption.

Scope

The focus of the 2011 LMP update is to mitigate those hazards which were classified as "moderate" or "highly likely" in occurrence and risk as determined through the detailed risk assessment conducted in the 2005 Hazard Assessment and Mitigation Plan and 2011 Local Mitigation Plan. Hazards which were classified as "unlikely" of occurring or with "limited" risk will continue to be monitored and evaluated during future updates of the LMP, but may not be fully addressed until they are determined to be of high or moderate risk. This enables the city to prioritize mitigation actions based on those hazards understood to present the greatest risk to lives and property.

Section I The Planning Process

44 CFR §201.6(c)(1): *[The Plan shall document] the planning process used to develop the Plan, including how it was prepared, who was involved in the process, and how the public was involved.*

44 CFR §201.6(b): *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:*

- 1. An opportunity for the public to comment on the Plan during the drafting stage and prior to Plan approval;*
- 2. An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and*
- 3. Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.*

Overview of the Plan Update

An important step in the lengthy process of improving resistance to hazards is the development of a hazard mitigation plan. The *City of Dickinson 2011 Hazard Assessment and Mitigation Plan* was prepared in accordance with the guidelines provided by FEMA, advice from the Texas Division of Emergency Management (TDEM), and the Texas Water Development Board (TWDB). The purpose of the *LMP* update is to meet FEMA's requirements to provide updated hazard mitigation plans every five (5) years.

This plan was developed to assist local officials in meeting the following four objectives:

- Protect life and property by reducing the potential for damages and economic losses resulting from natural disasters
- Qualify for pre- and post-disaster grant funding
- Increase recovery and redevelopment efforts following disaster events
- Comply with state and federal legislative requirements for local hazard mitigation plans

This *Plan* addresses natural hazards only. Although members of the Hazard Mitigation Planning Committee recognize that FEMA is promoting communities to integrate human-caused hazards into the mitigation planning process, the scope of this effort did not address human-caused hazards for two reasons:

- Many of the planning activities for the mitigation of human-caused hazards are usually and/or have been developed by different organizations, and
- DMA 2000 requires extensive public information and input which is in direct conflict with the confidentiality necessary in planning for the fight against chemical, biological, and radiological terrorism.

A summary of potential hazards along with disaster history helps to characterize future hazards. Taking into account the magnitude of past events, number of people and property affected and severity of damage, tropical storms, hurricanes and flood hazards are the most significant natural hazard to affect the city. It is also recognized that many of the existing buildings and housing structures were built prior to the creation of the National Floodplain mapping system.

Although many of the natural disasters that affect the city are the same as those identified in the 2005 and 2011 Plans, an update is necessary to take into account all modified or revised data from the past five (5) years, including evolving demographics and mitigation strategies.

A group of knowledgeable and well versed department heads was assembled to begin the process of establishing a Mitigation Planning Committee. Each initial member was familiarized with the task and became aware of the outcome expectations.

Mitigation Planning Committee (MPC)

The planning process for the review and update of the *2017 Local Mitigation Plan* follows the methodology prescribed by FEMA. It began with the formation of a local MPC comprised of the following members:

Mitigation Plan Update Mitigation Planning Committee (MPC)

Name	Title & Department
Ron Morales	Emergency Management Coordinator
Steve Krone	Deputy Emergency Management Coordinator
Paul Booth	Streets and Stormwater
WCID #1	Water/Wastewater
Zach Meadows	Planner, Planning Department
Steve Casey	Citizen
Van Goodgame	Citizen

KICKOFF WORKSHOP – 07/06/2017

The initial meeting of the MPC was held on July 6th, 2017, under the direction of the Emergency Management Coordinator. This meeting was an opportunity to familiarize and educate the participating members with the description and purpose of the Local Mitigation Plan (*LMP*).

The hazard agents addressed in the *2005 and 2010 LMP* were reviewed by the Planning Review Committee. Emphasis is placed on the hazard agents listed in *Table 1*, due to their historical occurrence and high potential of occurring in the future. Historical data retrieved includes narratives for all events that have occurred in the city. Historical data, as shown in graphs for each hazard agent, was not included in the *2005 Hazard Analysis and Mitigation Plan* for these hazard agents: tornadoes, severe thunderstorm/hail/lightning events, hazardous material incidents, but were included in the *2010 and 2011 LMP*. In the 2012 *LMP* update, flood events dominate the mitigation plan due to the frequency of occurrence, whether preceding or following a tropical storm and/or hurricane, or occurring during the spring season when the entire State of Texas experiences severe weather.

Each hazard agent includes nationally recognized intensity charts (i.e., Saffir-Simpson Hurricane Wind Scale defining categories of hurricanes) and damage rating categories (i.e., TORRO Hailstorm Intensity Scale in Relation to Typical Damage and Hail Size Codes).

Hazard Identification/Risk Assessment

In conjunction with the 2011 Local Mitigation Review Tool (FEMA 2011) MPC members reviewed the 2005 and 2010 *LMP* risk assessments to determine the current threats to Dickinson.

Annex P-Hazard Mitigation

The Emergency Management Coordinator explained to the MPC that it was imperative to coordinate any updates and/or revisions made to *Annex P (Hazard Mitigation)* of the *Emergency Operations Plan* with the LMP.

Critical Infrastructure Protection (CIP)

Discussion was held regarding the benefits of cross-referencing the LMP with the CIP to ensure when updates were made to one, the other would also be updated to reflect those changes.

Public Involvement

To encourage citizen participation, the MPC agreed that a Hazard Mitigation Survey would be made available during the drafting stage, and the draft *Plan* would be posted on the city's website to solicit comments. Press releases would be available on the City of Dickinson's website and Weekly Update.

MPC MEETING – JULY 27, 2017

Review and Update of Mitigation Goals From the 2010 Plan

- The 2010 goals were emailed to MPC members prior to the meeting.
- Each member was asked to provide the current status of these goals.
- The goal updates were discussed during this meeting and eventually incorporated into this Plan.

Creation of Goals for Plan Update

- The Emergency Management Coordinator presented the group with several mitigation goals and objectives in order to spur discussion.
- The MPC narrowed the list to the goals most appropriate for the city and are consistent with goals in other city plans.

Mitigation Survey

MPC members were presented with a copy of the mitigation survey along with a list of critical and vulnerable city facilities for review. Members were requested to review the documents and suggest changes. The MPC members were also asked to complete the survey and return to the OEM when completed.

MPC MEETING – SEPTEMBER 12, 2017

Mitigation Strategies

- The MPC discussed mitigation strategies and activities that have been completed in the past, as well as those that are currently underway.
- Several informal meetings between Engineering staff members, Public Works staff members, and planners took place to fully develop the strategies.

Repetitive Loss Mitigation

- Mitigating Repetitive Loss/Severe Repetitive Loss properties is a top priority for Floodplain Administration and the Office of Emergency Management.
- The city's Floodplain Administrator was assigned the RL (Repetitive Loss) section of this Plan.

MPC MEETING – OCTOBER, 2017

Final Plan Review

- MPC members presented comments and changes they had for the draft Local Mitigation Plan.

Public Participation

Public involvement in the development of the *LMP* update was sought in multiple ways during the planning process.

Hazard Mitigation Survey

The City of Dickinson solicited input from citizens and stakeholders through the use of a Hazard Mitigation Survey. This survey allowed citizens to rank hazards, discuss mitigation actions they have taken to protect their homes and provide suggestions on steps the city could take to reduce the risk of future hazard damages in their neighborhoods.

The Hazard Mitigation Survey was made available for citizens through an online survey as available on the city's website. The City received more than 100 responses to the survey, which provided valuable input in the development of the *LMP* update. A summary of the survey findings is provided in *Appendix A*.

Draft Plan Review

The final draft of the *LMP* was placed on the city's website for the public to review. A comment form was provided to solicit feedback from citizens.

A public meeting was held where updates were discussed and comments were encouraged from citizens.

Press Releases

The public participation opportunities above were advertised in a number of ways, including the following:

- On the City of Dickinson's website (www.ci.dickinson.tx.us)
- Through various City social media accounts

Figure 1
Announcement of Hazard Mitigation Survey
City of Dickinson



City of Dickinson,
Texas - City
Government
@CityOfDickinsonTX

- Home
- About
- Photos
- Reviews
- Videos
- Events
- Posts
- Services
- Shop
- Groups
- Notes

Like Following Share ...



City of Dickinson, Texas - City Government

Published by Bryan Milward (?) · August 15 ·

The City of Dickinson needs your help so we can be better prepared in the event of a natural disaster or hazard. Please take a few minutes to complete this survey from the City's Hazard Mitigation Task Force!

<http://www.ci.dickinson.tx.us/forms.aspx...>



7,588 people reached

Boost Post

Like Comment Share

Mary Kay Donovan-Smith, Claudia Segura and 2 others

Top Comments

1 Share



Write a comment



Figure 2
Hazard Mitigation Survey – Page 1
Screen Capture

City of Dickinson
Hazard Mitigation Survey

1. Of the hazards listed below, which do you consider to be the top threats to our City?

- | | |
|---|--|
| <input type="checkbox"/> Tornadoes | <input type="checkbox"/> Extreme Heat |
| <input type="checkbox"/> Hurricanes/Tropical Storms | <input type="checkbox"/> Land Subsidence |
| <input type="checkbox"/> Flood | <input type="checkbox"/> Severe Thunderstorm (High |
| <input type="checkbox"/> Drought | Wind, Hail, Lightning) |
| <input type="checkbox"/> Hazardous Materials | <input type="checkbox"/> Sever Winter Storm |
| <input type="checkbox"/> Accident (Pipeline, Water,
Rail Road) | <input type="checkbox"/> Infectious Disease |
| <input type="checkbox"/> Terrorism | <input type="checkbox"/> Wildfire |

2. Have you ever experienced or been impacted by one the hazards above?

Yes No

3. If you answered "Yes" to question #2, please check which hazards have affected you.

- Tornadoes
- Hurricanes/Tropical Storms
- Flood
- Drought
- Hazardous Materials
- Accident (Pipeline, Water,
 Rail Road)
- Terrorism
- Extreme Heat
- Land Subsidence
- Severe Thunderstorm (High
 Wind, Hail, Lightning)
- Sever Winter Storm
- Infectious Disease
- Wildfire

4. How concerned are you about the possibility of our community being impacted by a disaster?

- Extremely Concerned
- Somewhat Concerned
- Not Concerned

5. Is your home in the floodplain?

___ Yes ___ No ___ I don't know

6. Do you have flood insurance?

___ Yes ___ No ___ I don't know

7. If you answered "No" to question #6, why not?

- Not located in floodplain
- Too expensive
- Not necessary because it never floods
- Not necessary because home elevated or other protection
- Never really considered it. Have you taken any actions to make your home or neighborhood less likely to be affected by hazards?
 - Elevated Home
 - Installed Storm Shutters
 - Upgraded Roof (Hurricane Clips & Straps)
 - Not Concerned, Built to Code
 - Other

8. What is the most effective way for you to receive information about how to make your home or neighborhood more resistant to hazards?

- Newspaper
- Television
- Radio
- Internet
- Mail
- Public Meetings/Workshops
- School Meetings
- Social Media

9. Are there any other issues regarding the reduction of risk and loss associated with hazards or disasters in the community that you think are important?

10. A number of community-wide activities can reduce our risks from hazards. In general, these activities fall into one of the following six broad categories. Please tell us how important you think each one is for your community to consider pursuing.

Category	Very Important	Somewhat Important	Not Important
Prevention	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural Resource Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structural Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Education/Awareness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Prevention – Administrative or regulatory actions that influence the way land is developed and buildings are built. Examples include planning and zoning, building codes, open space preservation, and floodplain regulations.

Property Protection - Actions that involve the modification of existing buildings to protect them from a hazard or removal from the hazard area. Examples include: acquisition, relocation, elevation, structural retrofits, and storm shutters.

Natural Resource Protection - Actions that, in addition to minimizing hazard losses also preserve or restore the functions of natural systems. Examples include: floodplain protection, habitat preservation, slope stabilization, and forest management.

Structural Projects - Actions intended to lessen the impact of a hazard by modifying the natural progression of a hazard. Examples include dams, levees, seawalls, detention/retention basins, channel modification, retaining walls and storm sewers.

Emergency Services - Actions that protect people and property during and immediately after a hazard event. Examples include warning systems, evacuation planning, emergency response training, and protection of critical emergency facilities or systems.

Public Education and Awareness - Actions to inform citizens about hazards and the techniques they can use to protect themselves and their property. Examples include outreach projects, school education programs, library materials and demonstration events.

11. In your opinion what are some additional steps your local government could take to reduce or eliminate the risk of future hazard damages in your neighborhood?

**THANK YOU FOR TAKING THE TIME TO FILL IN
THIS SURVEY!!**

DRAFT

**Figure 3
Draft Plan and Comment Form
Screen Capture – City of Dickinson Website**

Question 1		Hurricane/ Tropical Storm	Flood	Drought	Hazardous Materials	Terrorism	Wildfire	Infectious Disease	Severe Winter Storm	Severe Thunderstorm	Land Subsidence	Extreme Heat
Tornado		84	62	14	30	10	1	7	2	45	10	33
21												
Question 2		No										
Yes		14										
82												
Question 3		Hurricane/ Tropical Storm	Flood	Drought	Hazardous Materials	Terrorism	Wildfire	Infectious Disease	Severe Winter Storm	Severe Thunderstorm	Land Subsidence	Extreme Heat
Tornado		76	49	12	4	1	0	0	3	27	2	18
12												
Question 4		Somewhat Concerned	Not Concerned									
Extremely Concerned		64	10									
20												
Question 5		No	I don't know									
Yes		43	0									
41												

	Very Important	Somewhat Important	Not Important
	71	19	0
	61	27	4

Property Protection

Emergency Services

	Very Important	Somewhat Important	Not Important
	62	25	2
	85	6	0

	Very Important	Somewhat Important	Not Important
	85	6	0

Natural Resource Protection

Public Education/Awareness

	Very Important	Somewhat Important	Not Important
	54	30	1
	67	16	2

	Very Important	Somewhat Important	Not Important
	67	16	2

Involvement from Partner Agencies

The update/review of the *2017 LMP* included a process to coordinate with other agencies. An E-mail was sent to all "Partner Agencies" to enlist their participation in the review process, and to solicit comments. The E-mail instructed each "Partner Agency" to review and provide comments and input. The following agencies were invited to participate, review and submit any comments on the *LMP*:

- Galveston County Office of Emergency Management – Emergency Management Coordinator
- City of La Marque – Emergency Management Coordinator
- City of League City – Emergency Management Coordinator
- City of Texas City – Emergency Management Coordinator
- City of Dickinson Chamber of Commerce - Local Business Owners

No comments were provided.

Review and Incorporation of Plans, Studies, Reports and Other Information

Other planning documents can be used as a valuable resource for integrating information related to hazard mitigation planning process. As part of the *2017 LMP* update, the previously approved LMP information was used as a baseline for this update. Other City plans, studies, and reports that are applicable to the hazards discussed in the Plan were reviewed and incorporated where applicable.

The following plans were referenced during the planning process:

- City of Dickinson, Comprehensive Plan ~ 2019 (July 2014)
- Drought Contingency Plan 2015
- Ordinance 2012-10, amending Chapter 22, Code of Ordinances, Buildings and Building Regulations
- Emergency Operations Plan, 2002
- In addition, any changes or updates to:
 - Flood Insurance Rate Maps (FIRM)
 - Flood Insurance Study
- Dickinson Bayou Watershed Regional Plan
- Clear Creek Watershed Management Plan
- Master Drainage Plan, 2010

The MPC, through one or more members, will be actively involved in the planning process for the above-mentioned plans and any new plans to be written. The MPC member(s) will attend planning meetings and ensure that plans are consistent with the information contained in the *LMP*. The MPC member(s) will also record information from these meetings that shall be incorporated into or changed in the *LMP*. As the City of Dickinson maintains and updates several plans, this will be a year-round process that will likely involve more than one MPC member.

The MPC members will monitor and meet semi -annually to review and evaluate changes to the plan as per (Requirements 201.6(c)(4)(i)).

The City Emergency Management Coordinator will also monitor the plan and confirm information for members and stakeholders are current.

Section 2 Hazard Identification and Risk Assessment

Overview of Hazards

The City of Dickinson is exposed to many hazards, all of which have the potential to disrupt the community, cause casualties, and damage or destroy property. The city recognizes that the community will continue to be exposed and subject to the impact of hazards as described in this document, as well as hazards that may develop in the future. The potential exists for a major disaster to occur at any time and any place. In many cases dissemination of warning to the public and implementation of increased readiness measures may be possible, yet some emergency situations occur with little or no warning.

The city has established an emergency management system. The Mayor serves as the Emergency Management Director, as prescribed by state law, and has appointed an Emergency Management Coordinator (EMC). Together, they care for the day to day activities of emergency management. The Dickinson Office of Emergency Management consists of the EMC and an Assistant EMC.

The city is also linked to the District Disaster Committee located in Texas City.

The process of a hazard assessment is two-fold:

- First - a hazard assessment is developed.
It is a component of the mitigation process and consists of maps, databases, charts, atlases, and other supporting documentation. This analysis provides a risk-based quantitative method to prioritize mitigation and preparedness needs for the jurisdiction as a whole. This analysis should be reviewed and updated frequently.
- Second - a mitigation action plan is developed.
The mitigation action plan outlines mitigation goals, identifies a risk reduction strategy for each of the significant hazards that threaten the area, and discusses the on-going risk reduction activities undertaken within the jurisdiction. The mitigation action plan further details what is to be done, how much it will cost, who will be responsible for the action, how it will be funded, and provides an implementation schedule.

Finally, the prioritization of the hazards led to a mitigation plan. The mitigation plan should accomplish the following:

- define mitigation goals
- identify current risk reduction efforts
- identify risk reduction strategy for each of the significant hazards that threaten the city
- identify future risk reduction efforts
- identify cost
- provide a source of funding options to implement the action items, and
- identify those responsible for the entire process

Most hazards have an equal chance of occurring city-wide. Therefore, this update will consider that the location of occurrence to be city-wide for all hazards except those with identifiable boundaries, such as flood.

Hazard Vulnerability

The focus of the 2010 update of the *LMP* is to profile and mitigate those hazards which were classified as "occasional" or "highly likely" in occurrence and risk as determined through the detailed risk assessment conducted in the *2010 LMP*. An updated hazard assessment revealed that we have recently had one significant event over the past 5 years.

Hazards which may occur in the area, but were not deemed significant enough to profile in this plan will continue to be monitored and evaluated during future updates of the *LMP*, but may not be fully addressed until they are determined to be "occasional" or "highly likely." The following hazard agents will be discussed during this update:

- Hurricane/Tropical Storm
- Flood Events
- Thunderstorm/Hail/Lightning
- Tornadoes
- Extreme Heat

Each hazard agent was updated to include nationally recognized intensity charts (i.e., *Saffir-Simpson Hurricane Wind Scale* defining categories of hurricanes) and damage rating categories (i.e., *TORRO Hailstorm Intensity Scale in Relation to Typical Damage and Hail Size Codes*), Beaufort Wind Scale, etc.

**Table 1
Hazard Agents**

Hazard Agent	Number of Events		Probability Rate
	1950-2010	2010-2017	"Every # Days"
Highly Likely to Occur			
Hurricane/Tropical Storm	Hurricane: 4	Hurricane: 1	436
	Tropical Storm: 7	Tropical Storm: 0	
Occasional			
Flood Events	53	5	143
Thunderstorms with:			
High Wind	306	7	140
Hail	103	8	313
Lightning	11	4	452
Tornados	110	4	232
Extreme Heat	8	0	850
Minimal or No Impact NOT FULLY PROFILED IN THIS PLAN			
Drought	3	0	19.6 years (7,154 days)
Severe Winter Weather (Snow/Ice Storms)	2	1	Insignificant
Urban-Wildland Fires	0	0	N/A

HIGHLY LIKELY TO OCCUR

Hurricane/Tropical Storm

- Hurricanes, tropical storms, and typhoons, collectively known as tropical cyclones, are among the most devastating naturally occurring hazards in the United States, especially along the Gulf of Mexico.
- Hurricanes do not have to strike the coast of Texas to have an impact.
- The likelihood of a Hurricane and/or Tropical Storm impacting Dickinson is moderate to high. These storms could cause extremely high property loss and the potential for the loss of life.
- Dickinson averages one tropical cyclone every 3 years. (Impacts from a Tropical Storm are very possible with maximum winds of 74 mph)
- Most severe storm in past 30 years was Category 4 (Hurricane Harvey) with a wind speed of over 110 mph and rainfall of over 49".

OCCASIONAL

Flood Events

- The likelihood of catastrophic flooding in Dickinson is moderate to high. This flooding could cause extremely high property loss and the potential for the loss of life.
- Floods have been and continue to be the most frequent, destructive, and costly natural hazard facing the State of Texas.
- Over ninety percent (90%) of recorded damages is the result of flooding.

Thunderstorms/Hail/Lightning

- The likelihood of severe thunderstorms in Dickinson is moderate to high. These storms could cause extremely high property loss and the potential for the loss of life. It is estimated that flooding could occur anytime over the next 5 years.
- Severe weather incidents including thunderstorms, hail, lightning, and high winds are frequent events within the community.
- Thunderstorms and associated lightning kill more people in the United States than tornadoes or Hurricanes.

Tornadoes

- The likelihood of tornadoes in Dickinson is moderate. These tornadoes could cause extremely high property loss and the potential for the loss of life. It is estimated that flooding could occur anytime over the next 5 years.
- Tornadoes occur annually and most frequently in the northern two-thirds (2/3) of the state as a result of cool frontal systems; however, tornadoes in the Upper Texas Coastal region are a cascading hazard from tropical storms or hurricanes.

Extreme Heat

- The likelihood of extreme heat in Dickinson is moderate to high. Heat emergencies could cause loss of life.
- Extreme heat is characterized by a combination of very high temperatures and exceptionally humid conditions.
- There is not a standard designation of an extreme heat day. It is a complex number assigned by local NWS regions based on heat index, time of year, and area of the country.

MINIMAL OR NO IMPACT

For the purposes of the 2010 review and update of the *City of Dickinson's LMP*, the following hazard agents will not be profiled as the city's geographic location precludes these types of disasters, along with the lack of sufficient historical accounts of incidents. The *State of Texas Mitigation Plan, 2013*, also indicates that the following hazard agents do not pose a threat, or potential threat, to our area. The following hazard agents will be monitored closely during the next five years, and if a sufficient number of events occur and/or these events present dangerous scenarios, they will be profiled in greater detail in the *2020 LMP* update.

The following list of hazard agents are being omitted from this update due to lack of significant impact therefore an extensive profile is not warranted during this review process.

Drought
Severe Winter Weather
Wildland – Urban Fire
Dam/Levee Failure
Earthquakes
Land Subsidence/Expansive Soils

Overview of Hazards

CRITICAL AND VULNERABLE FACILITIES

The City of Dickinson has identified facilities which are critical in providing essential services to residents and commercial businesses, as well as those facilities which house essential personnel and documents.

A detailed table of designated critical/vulnerable facilities can be found at *Table 10-Critical and Vulnerable Facilities* and a map illustrating the location of the city's critical facilities is located in *Figure 18*.

The following facilities are designated as critical facilities with their relation to flood zones, delivering essential services, housing essential city documents and personnel:

- all city buildings (City Hall and annexes, police, fire and EMS services)
- medical and assisted living facilities
- schools and daycare centers
- transportation systems
- communications systems
- hazardous material facilities
- historical and cultural facilities

The critical and vulnerable facilities are listed with their approximate flood zone identified:

- High Risk Area
 - Zone A 100-year or Base Floodplain
- High Risk – Coastal Areas
 - Zone V Coastal areas subject to velocity hazard (wave action)
- Moderate to Low Risk Areas
 - Zone B & X (shaded) Usually between limits of 100 & 500-year floodplains
 - Zone C & X (unshaded) Minimal flood hazard – above 500-year floodplain

Critical Facilities

Fire Station One



**Table 2
Critical and Vulnerable Facilities**

	Critical/Vulnerable Facilities	Address	Flood Zone	Potential Population At Risk	Value \$
City Buildings	City Hall	4403 SH 3	UNX	23	5,459,700
	Library	4411 SH 3	UNX	100	2,305,987
	Police Station	4000 Liggio St	UNX	40	2,268,400
	Public Works Building / Animal Shelter	3120 Deats Rd	UNX	10	500,000
	Fire Station #1	4500 FM517 E	UNX	40	1,287,000
	Railroad Depot (Museum)	218 FM517 W	UNX	5	623,000
	TOTAL				218

County Buildings	Galveston County Road and Bridge	SH3	UNX	50	173,200
	Galveston County Seniors Center	2714 SH3	UNX	40	225,000
	TOTAL				90

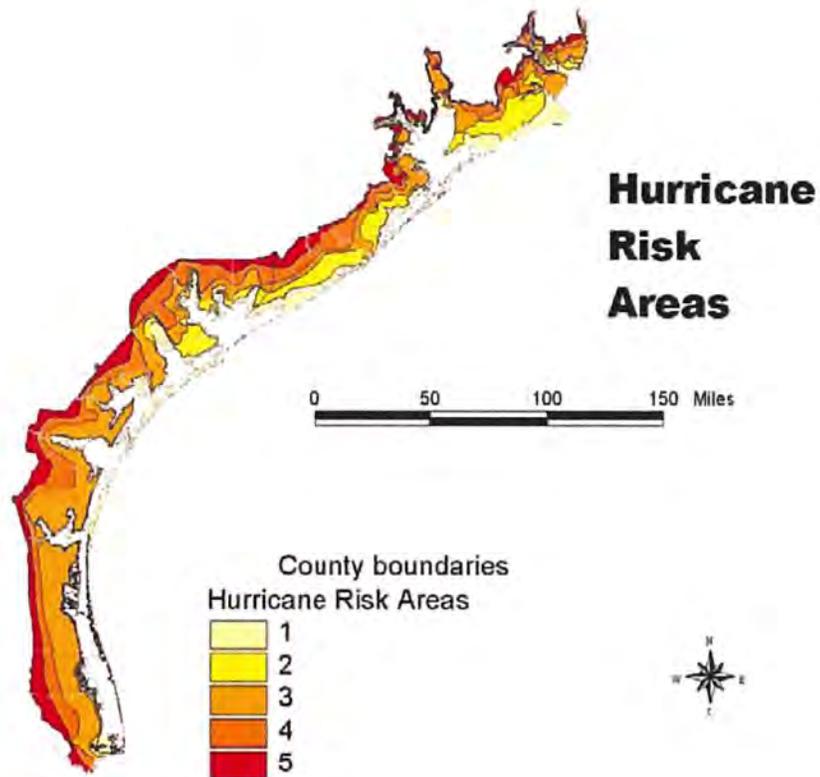
Transportation Systems	Address	Flood Zone	Value
Interstate 45 – North and South		N/A	N/A
Farm to Market Road 1266 (Dickinson Ave)		N/A	N/A
Farm to Market Road 517 (Pine Dr)		N/A	N/A
Farm to Market Road 646		N/A	N/A
Farm to Market Road 517 (Main Street)		N/A	N/A
State Highway 3		N/A	N/A
Union Pacific Railway System		N/A	N/A
TOTAL			Unk
Communications Systems			
Police Department – Radio and data sys.	4000 Liggio	UNX	N/A
T1 Line – Phonoscope	4000 Liggio	UNX	N/A
Hazardous Material Facilities			
Calumet Penreco, LLC	4401 Park Ave	UNX	4,000,000
GRAND TOTAL: VALUE OF CRITICAL AND VULNERABLE FACILITIES			\$16,842,287

Hurricanes/Tropical Storms

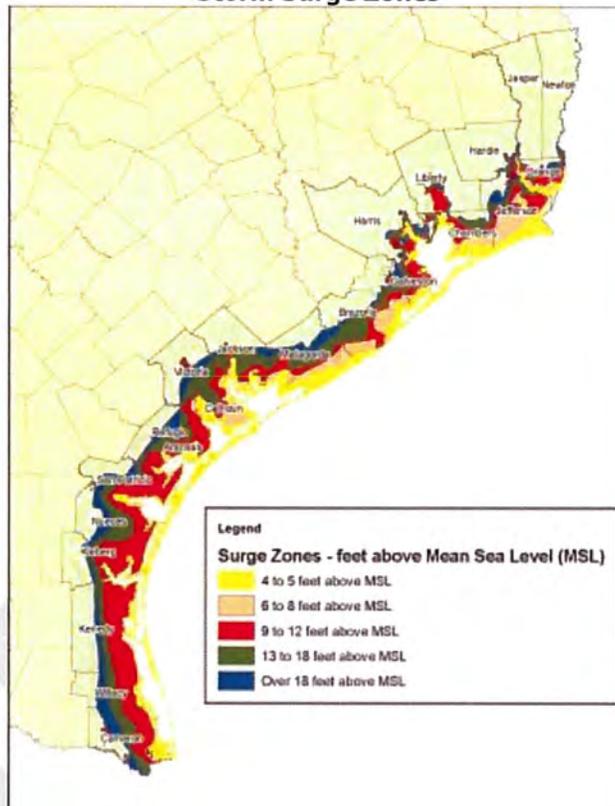
Hurricanes and tropical storms combine size and intensity to become one of Earth's greatest and most powerful weather events. In addition to hurricanes and tropical storms, damage may be caused by tornadoes that are created from the storms. The Texas Gulf Coast including the City of Dickinson is not immune to damages from such storms. Hurricane season spans a six-month period from June 1 to November 30. Hurricane frequency is highest during August, September and October.

The figures below illustrate the hurricane risk area for the State of Texas.

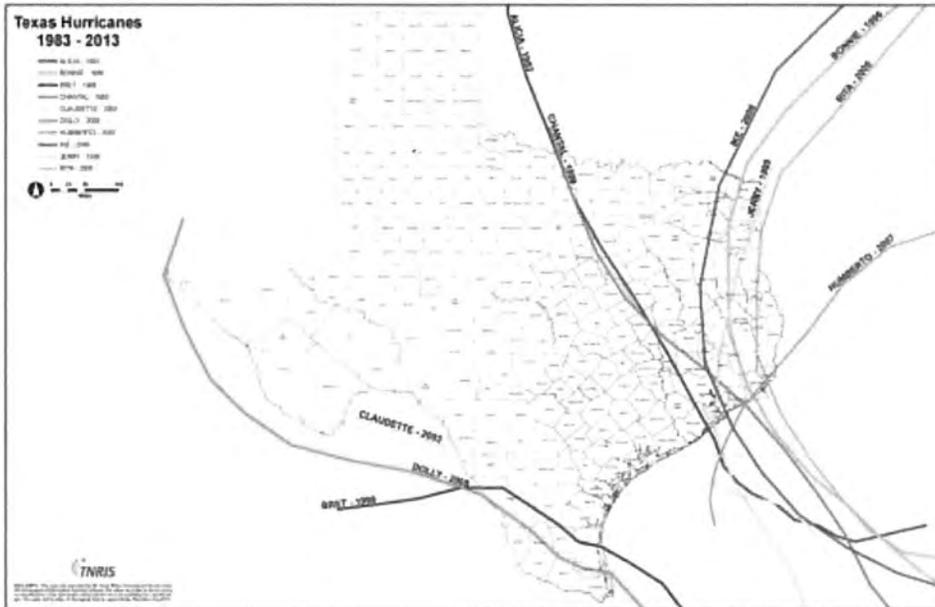
Figure 8
Hurricane Risk Areas



**Figure 9
Storm Surge Zones**



**Figure 10
Texas Hurricane Tracks**



DRAFT

The following tropical storm and hurricane events have produced severe flooding and structural damage along the Texas Gulf Coast:

- September 16-20, 1854
- June 1-5, 1871
- June 8-10, 1871
- September 8-18, 1875
- August 19-24, 1879
- June 21-25, 1880
- June 13-15, 1886

- June 16-18, 1888
- July 4-6, 1888
- July 3-8, 1891
- October 2-7, 1895
- September 10-13, 1897
- September 20-28, 1898
- September 7-10, 1900
- July 21, 1909
- August 16-17, 1915
- September 14, 1919
- August 12-15, 1932
- July 21-27, 1933
- August 26-September 1, 1934
- October 11-17, 1938
- September 19-25, 1940
- September 11-16, 1941
- September 16-25, 1941
- August 30, 1942
- July 25-29, 1943
- August 24-29, 1945
- August 18-27, 1947
- September 27-October 6, 1949
- July 27, 1957 – Hurricane Audrey
- July 24-25, 1959 – Hurricane Debra
- September 11, 1961 – Hurricane Carla

- September 16-20, 1963 – Hurricane Cindy
- August 5-8, 1964 – Tropical Storm Abby
- August 2-5, 1970 – Hurricane Celia
- September 12-17, 1970 – Tropical Storm Felice
- September 1-7, 1973 – Tropical Storm Delia
- July 25, 1979 – Tropical Storm Claudette
- August 30-September 2, 1979 – Tropical Storm Elena

- August 3-10, 1980 – Hurricane Allen
- September 1-7, 1980 – Tropical Storm Danielle
- August 15-18, 1983 – Hurricane Alicia
- June 23-28, 1986 – Hurricane Bonnie
- June 24-July 1, 1989 – Tropical Storm Allison
- July 30-August 3, 1989 – Hurricane Chantal
- October 12-16, 1989 – Hurricane Jerry
- July 28-August 2, 1995 – Tropical Storm Dean
- September 1998 – Tropical Storm Frances
- June 5-10, 2001 – Tropical Storm Allison
- September 24, 2005 – Hurricane Rita
- July 3, 2008 – Hurricane Dolly
- August 5, 2008 – Tropical Storm Edouard
- September 13, 2008 – Hurricane Ike
- August 21, 1998 – Tropical Storm Charley
- September 7-13, 1998 – Tropical Storm Frances
- June 5-10, 2001 – Tropical Storm Allison
- September 5, 2002 – Tropical Storm Fay
- July 14, 2003 – Hurricane Claudette
- August 30, 2003 – Tropical Storm Grace
- September 23, 2005 – Hurricane Rita
- September 12, 2007 – Hurricane Humberto
- August 5, 2008 – Tropical Storm Edouard
- September 13, 2008 – Hurricane Ike
- August 24, 2017 – Hurricane Harvey

HURRICANES

Hurricanes are tropical cyclones in which winds reach constant speeds of 74 miles per hour or more and blow in a large spiral around a relatively calm center. Hurricanes are essentially giant whirlwinds in which air moves in a large, tightening spiral around a center of extreme low pressure. Near the center, hurricane winds may gust to more than 200 miles per hour.

While hurricane winds do much damage, the storm surge and torrential rains accompanying hurricane landfall are responsible for most deaths. Historically, drowning has been the greatest cause of hurricane deaths. The storm surge raises wave heights and increases tides. Torrential rain causes both flash flooding and sustained flooding in the area.

TROPICAL STORMS

Tropical storms are weather events similar to hurricanes but sustained winds in these storms are between thirty-nine (39) and seventy-three (73) miles per hour. Tropical storms can affect an area by dropping large amounts of rain over a sustained period of time. Again flash flooding and sustained flooding are the most deadly aspects of tropical storms. The city lies near a coastal area with a thirty-seven percent (37%) chance of a hurricane, extreme hurricane or tropical storm occurring in any given year.



**Hurricane Ike, September 9, 2008
As seen from the International Space Station**

SAFFIR-SIMPSON HURRICANE WIND SCALE

Beginning May 15, 2010, the National Hurricane Center implemented changes in some of its text and graphic products. One of the new products to become operational was the ***Saffir-Simpson Hurricane Wind Scale***. Earlier versions of the Saffir-Simpson Hurricane Scale incorporated central pressure and storm surge as components of the various categories. The Saffir-Simpson Hurricane Wind Scale maintains the same wind speed ranges as the original Saffir-Simpson Scale, but no longer reflects specific storm surge and flooding effects associated with those wind ranges. To avoid confusion, only peak wind speeds are utilized in the revised version of the scale. It should also be noted that this scale provides examples of the type of damage and impact in the United States associated with winds of the indicated intensity. The historical examples provided for each category correspond with an observed or estimated maximum wind speed from the hurricane experienced at the location indicated (and do not necessarily correspond with the peak intensity reached by the system in its lifetime).

This scale does not address the potential for other hurricane-related impacts such as storm surge, rainfall-induced flooding, and tornadoes. Wind damage descriptions in the scale are general and are dependent upon the local building codes in effect, how well, and how long they have been in effect. The current building stock which exists along the coast, as well as in Dickinson, may not have been constructed using the newer adopted building codes. Hurricane wind damage is also dependent upon other factors, such as duration of high winds, change of wind direction, and the age of the existing structures.

**Table 3
Saffir-Simpson Hurricane Wind Scale**

Category	Maximum Sustained Wind Speed (MPH)
1	74—95
2	96—110
3	111—130
4	131—155
5	155+

**Table 4
Hurricane Wind Damage Classification**

Category	Damage Level	Description
1	<p>WIND SPEED</p> <p>74-95 mph</p> <p>**</p> <p><i>Very dangerous winds will produce some damage</i></p>	<p>People, livestock, and pets struck by flying or falling debris could be injured or killed. Older (mainly pre-1994 construction) mobile homes could be destroyed, especially if they are not anchored properly as they tend to shift or roll off their foundations. Newer mobile homes that are anchored properly can sustain damage involving the removal of shingle or metal roof coverings, and loss of vinyl siding, as well as damage to carports, sunrooms, or lanais. Some poorly constructed frame homes can experience major damage, involving loss of the roof covering and damage to gable ends as well as the removal of porch coverings and awnings. Unprotected windows may break if struck by flying debris. Masonry chimneys can be toppled. Well-constructed frame homes could have damage to roof shingles, vinyl siding, soffit panels, and gutters. Failure of aluminum, screened-in, swimming pool enclosures can occur. Some apartment building and shopping center roof coverings could be partially removed. Industrial buildings can lose roofing and siding especially from windward corners, rakes, and eaves. Failures to overhead doors and unprotected windows will be common. Windows in high-rise buildings can be broken by flying debris. Falling and broken glass will pose a significant danger even after the storm. There will be occasional damage to commercial signage, fences, and canopies. Large branches of trees will snap and shallow rooted trees can be toppled. Extensive damage to power lines and poles will likely result in power outages that could last a few to several days. Hurricane Dolly (2008) is an example of a hurricane that brought Category 1 winds and impacts to South Padre Island, Texas.</p>
2	<p>WIND SPEED</p> <p>96-110 mph</p> <p>**</p> <p><i>Extremely dangerous winds will cause extensive damage</i></p>	<p>There is a substantial risk of injury or death to people, livestock, and pets due to flying and falling debris. Older (mainly pre-1994 construction) mobile homes have a very high chance of being destroyed and the flying debris generated can shred nearby mobile homes. Newer mobile homes can also be destroyed. Poorly constructed frame homes have a high chance of having their roof structures removed especially if they are not anchored properly. Unprotected windows will have a high probability of being broken by flying debris. Well-constructed frame homes could sustain major roof and siding damage. Failure of aluminum, screened-in, swimming pool enclosures will be common. There will be a substantial percentage of roof and siding damage to apartment buildings and industrial buildings. Unreinforced masonry walls can collapse. Windows in high-rise buildings can be broken by flying debris. Falling and broken glass will pose a significant danger even after the storm. Commercial signage, fences, and canopies will be damaged and often destroyed. Many shallowly rooted trees will be snapped or uprooted and block numerous roads. Near-total power loss is expected with outages that could last from several days to weeks. Potable water could become scarce as filtration systems begin to fail. Hurricane Frances (2004) is an example of a hurricane that brought Category 2 winds and impacts to coastal portions of Port St. Lucie, Florida with Category 1 conditions experienced elsewhere in the city.</p>

<p style="text-align: center; font-size: 2em; font-weight: bold;">3</p>	<p style="text-align: center; color: red; font-weight: bold;">WIND SPEED</p> <p style="text-align: center; color: red; font-weight: bold;">111-130 mph</p> <p style="text-align: center;">**</p> <p style="text-align: center; color: blue; font-weight: bold;"><i>Devastating damage will occur</i></p>	<p>There is a high risk of injury or death to people, livestock, and pets due to flying and falling debris. Nearly all older (pre-1994) mobile homes will be destroyed. Most newer mobile homes will sustain severe damage with potential for complete roof failure and wall collapse. Poorly constructed frame homes can be destroyed by the removal of the roof and exterior walls. Unprotected windows will be broken by flying debris. Well-built frame homes can experience major damage involving the removal of roof decking and gable ends. There will be a high percentage of roof covering and siding damage to apartment buildings and industrial buildings. Isolated structural damage to wood or steel framing can occur. Complete failure of older metal buildings is possible, and older unreinforced masonry buildings can collapse. Numerous windows will be blown out of high-rise buildings resulting in falling glass, which will pose a threat for days to weeks after the storm. Most commercial signage, fences, and canopies will be destroyed. Many trees will be snapped or uprooted, blocking numerous roads. Electricity and water will be unavailable for several days to a few weeks after the storm passes. Hurricane Ivan (2004) is an example of a hurricane that brought Category 3 winds and impacts to coastal portions of Gulf Shores, Alabama with Category 2 conditions experienced elsewhere in this city.</p>
<p style="text-align: center; font-size: 2em; font-weight: bold;">4</p>	<p style="text-align: center; color: red; font-weight: bold;">WIND SPEED</p> <p style="text-align: center; color: red; font-weight: bold;">131-155 mph</p> <p style="text-align: center;">**</p> <p style="text-align: center; color: blue; font-weight: bold;"><i>Catastrophic damage will occur</i></p>	<p>There is a very high risk of injury or death to people, livestock, and pets due to flying and falling debris. Nearly all older (pre-1994) mobile homes will be destroyed. A high percentage of newer mobile homes can also be destroyed. Poorly constructed homes can sustain complete collapse of all walls as well as the loss of the roof structure. Well-built homes also can sustain severe damage with loss of most of the roof structure and/or some exterior walls. Extensive damage to roof coverings, windows, and doors will occur. Large amounts of windborne debris will be lofted into the air. Windborne debris damage will break most unprotected windows and penetrate some protected windows. There will be a high percentage of structural damage to the top floors of apartment buildings. Steel frames in older industrial buildings can collapse. There will be a high percentage of collapse to older unreinforced masonry buildings. Most windows will be blown out of high-rise buildings resulting in falling glass, which will pose a threat for days to weeks after the storm. Nearly all commercial signage, fences, and canopies will be destroyed. Most trees will be snapped or uprooted and power poles downed. Fallen trees and power poles will isolate residential areas. Power outages will last for weeks to possibly months. Long-term water shortages will increase human suffering. Most of the area will be uninhabitable for weeks or months. Hurricane Charley (2004) is an example of a hurricane that brought Category 4 winds and impacts to coastal portions of Punta Gorda, Florida with Category 3 conditions experienced elsewhere in the city.</p>
<p style="text-align: center; font-size: 2em; font-weight: bold;">5</p>	<p style="text-align: center; color: red; font-weight: bold;">WIND SPEED</p> <p style="text-align: center; color: red; font-weight: bold;">Sustained winds greater than 155 mph</p> <p style="text-align: center;">**</p> <p style="text-align: center; color: blue; font-weight: bold;"><i>Catastrophic damage will occur</i></p>	<p>People, livestock, and pets are at very high risk of injury or death from flying or falling debris, even if indoors in mobile homes or framed homes. Almost complete destruction of all mobile homes will occur, regardless of age or construction. A high percentage of frame homes will be destroyed, with total roof failure and wall collapse. Extensive damage to roof covers, windows, and doors will occur. Large amounts of windborne debris will be lofted into the air. Windborne debris damage will occur to nearly all unprotected windows and many protected windows. Significant damage to wood roof commercial buildings will occur due to loss of roof sheathing. Complete collapse of many older metal buildings can occur. Most unreinforced masonry walls will fail which can lead to the collapse of the buildings. A high percentage of industrial buildings and low-rise apartment buildings will be destroyed. Nearly all windows will be blown out of high-rise buildings resulting in falling glass, which will pose a threat for days to weeks after the storm. Nearly all commercial signage, fences, and canopies will be destroyed. Nearly all trees will be snapped or uprooted and power poles downed. Fallen trees and power poles will isolate residential areas. Power outages will last for weeks to possibly months. Long-term water shortages will increase human suffering. Most of the area will be uninhabitable for weeks or months. Hurricane Andrew (1992) is an example of a hurricane that brought Category 5 winds and impacts to coastal portions of Cutler Ridge, Florida with Category 4 conditions experienced elsewhere in south Miami-Dade County.</p>

Source: National Hurricane Center

STORM SURGE SCALES AND STORM SURGE FORECASTING

Prior to the 2009 hurricane season, the National Hurricane Center predicted storm surge levels based on the hurricane wind speed category. A storm surge is a large dome of water often 50 to 100 miles wide and rising from 4 to 5 feet upwards to 20 feet.

In 2010 NOAA's National Hurricane Center will offer an experimental graphic to highlight those areas along the Gulf and Atlantic coasts of the United States most at risk for life-threatening inundation by storm surge from a tropical cyclone.

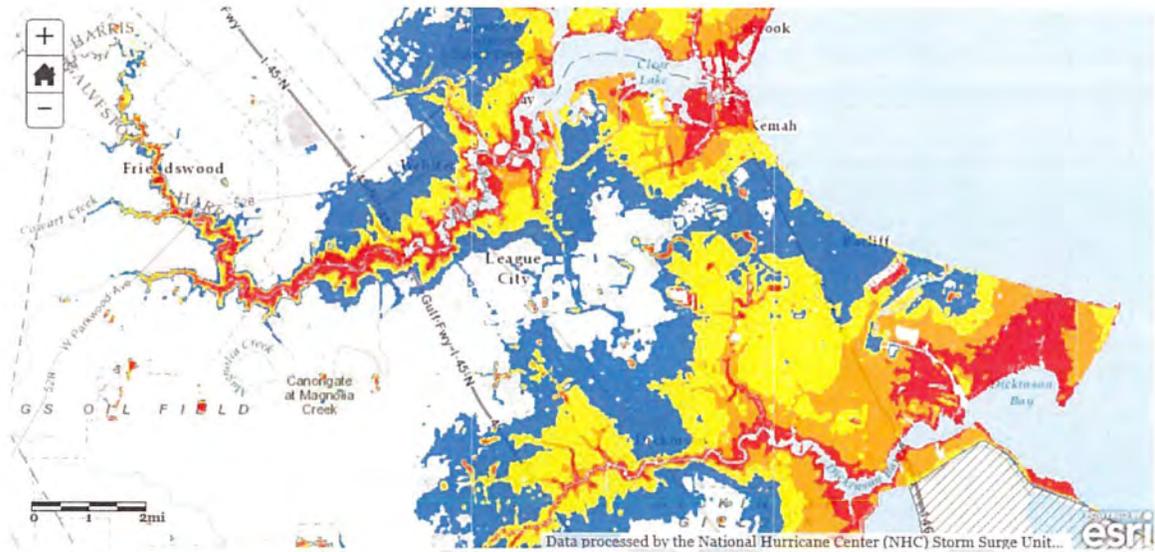
The new graphic is designed to introduce the concept of a watch or warning specific to the storm surge hazard, displaying areas that would qualify for inclusion under a storm surge watch or warning system currently being developed by the National Weather Service. As part of a phased implementation plan, experimental storm surge watches and warnings are expected to debut in 2016. After incorporating both user and partner input, the NWS expects to make the new storm surge warning system fully operational in 2017.

The storm surge arrives ahead of the storm's actual landfall and the more intense the hurricane is, the sooner the surge arrives. Water rise can be very rapid, posing a serious threat to those who have not yet evacuated flood-prone areas. The surge is always highest in the right-front quadrant of the hurricane. As the storm approaches shore, the greatest storm surge forms to the north of the hurricane eye. The surge of high water topped by waves driven by hurricane force winds can be devastating to coastal regions, causing severe beach erosion and property damage. Storm surge heights and associated waves are dependent upon the shape of the continental shelf (narrow or wide) and the depth of the ocean bottom (bathymetry). A narrow shelf, or one that drops steeply from the shoreline and subsequently produces deep water close to the shoreline, tends to produce a lower surge but higher and more powerful storm waves. It is important to note that projected storm surge heights are affected by the hurricane size (extent of hurricane force winds), local bathymetry (depth of near-shore waters), topography, the hurricane's forward speed and angle to the coast prior to and at landfall.

With the City of Dickinson's proximity to Dickinson Bayou, Galveston Bay, and the Texas Gulf Coast, the city faces the risk of flooding as a result of storm surge accompanying a hurricane. The city lies within the Dickinson Bayou watershed, which will also increase chances for storm surge flooding affecting the community. *(See Figures 11, 12, and 13)*

It is evident from the maps below that a storm surge of 9-12 feet would inundate roughly 35% of the city. A surge of 13-18 feet would inundate more than 65% of the city. Finally, a surge of greater than 18 feet would cause flooding over more than 90% of the city. The remaining 10% of the city properties not affected by a storm surge over 18 ft. lie within the western most portion of the city. While these figures may represent the "worst case scenario," it is obvious that Dickinson could sustain catastrophic damage from hurricane storm surge.

Figure 11
Hurricane Surge Map – Galveston County
Depth of 9 to 12 ft. above sea level



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Figure 12
Hurricane Surge Map
13 – 17 ft. above sea level

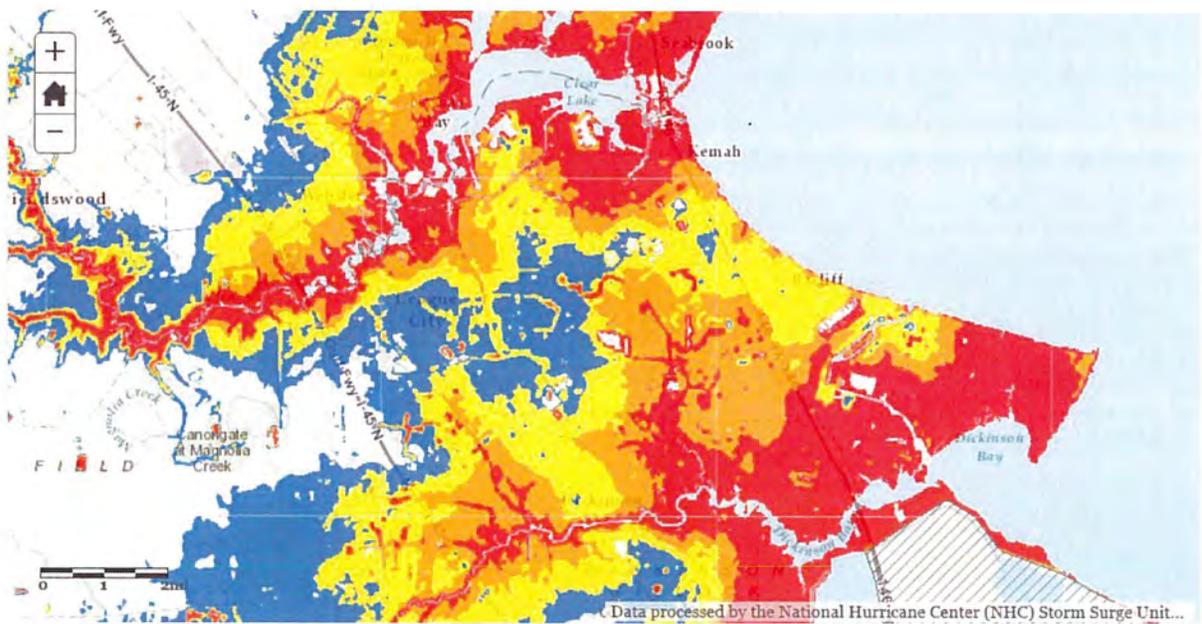
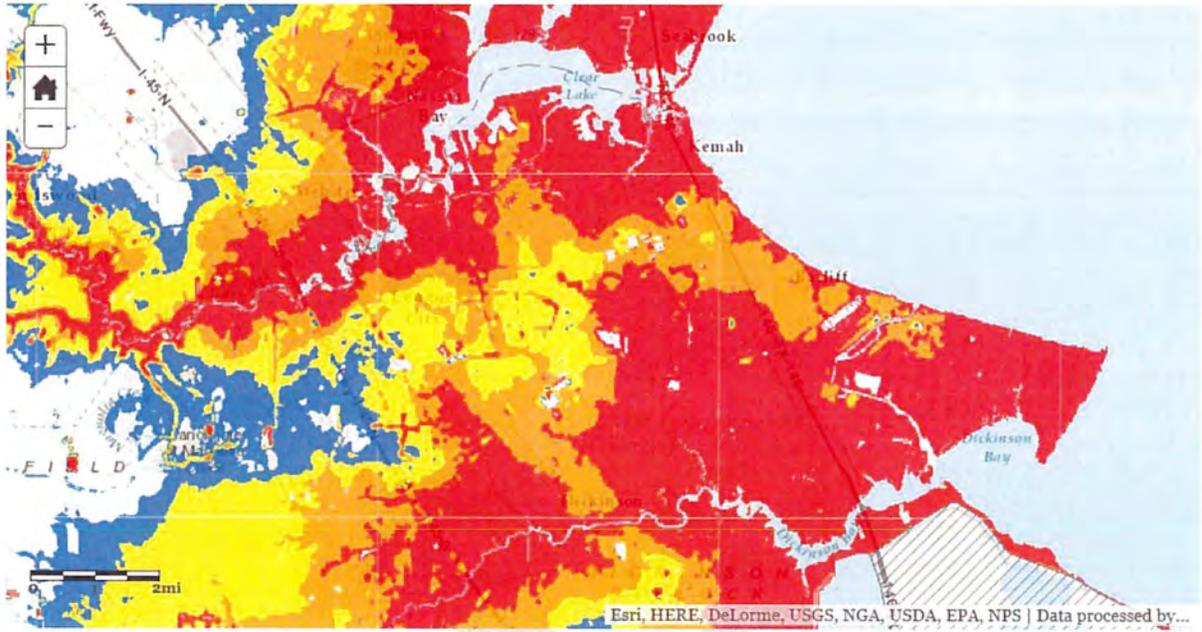


Figure 13
Hurricane Surge Map
Greater than 18 ft. above sea level

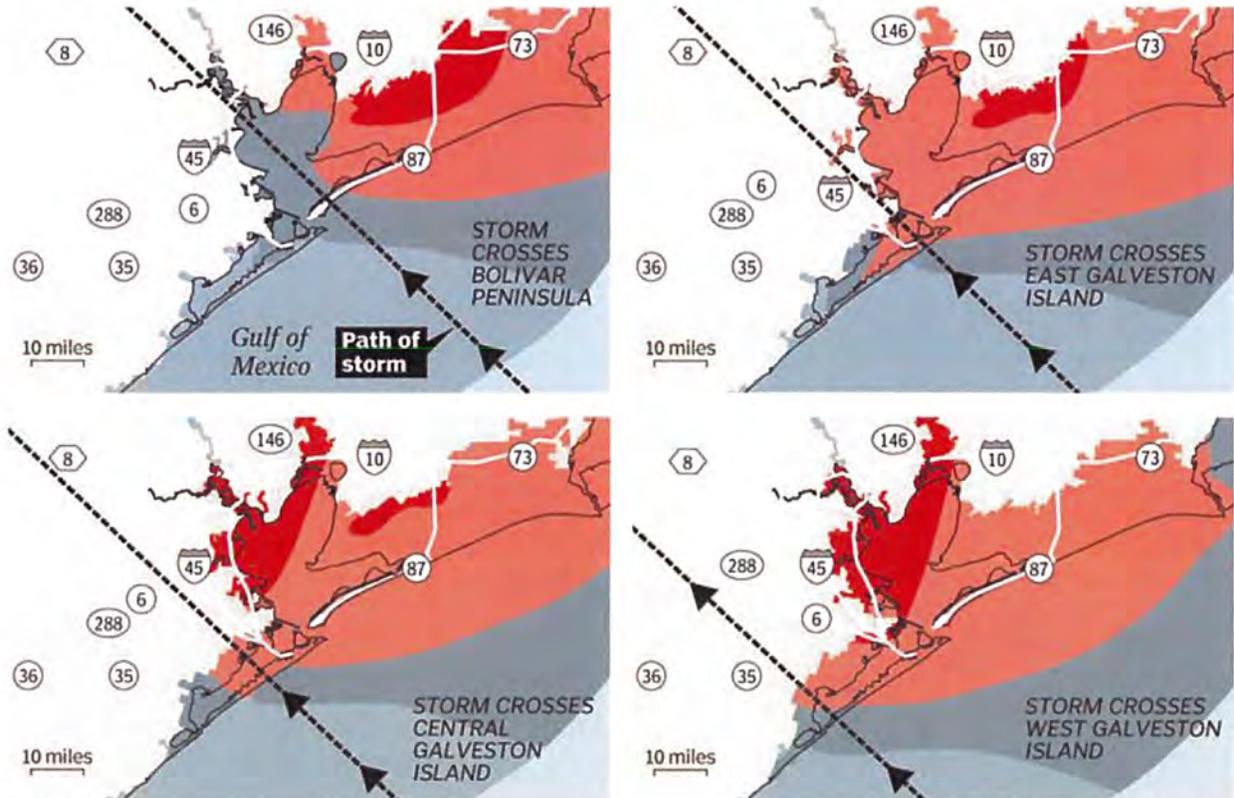


**Figure 14
Hurricane Surge Modeling
Based Upon Location of Landfall**

SMALL DISTANCE, BIG DIFFERENCE

When it comes to hurricane storm surges, computer modeling shows that just a few miles makes a big difference. The simulations below show the storm surge produced by a category 3 hurricane moving toward the northwest at 5 mph as it strikes various locations near Galveston Bay. The solid black lines represent the coast.

Reach of water when storm surge is:
■ 15-19 feet
■ 11-15 feet
■ 5-11 feet
■ 1-5 feet



Source: NOAA

ROBERT DIBRELL : CHRONICLE

DISASTER'S IMPACTING THE CITY OF DICKINSON

- *September 23, 2005 – Hurricane Rita (DR-1606)*
 - The eye of Hurricane Rita moved ashore in southwest Louisiana between Sabine Pass and Johnson’s Bayou in Cameron Parish, Louisiana, with maximum sustained winds of 120 mph, a Category 3 storm at landfall.
 - The fear of Hurricane Katrina-like impacts prompted many inland residents to evacuate even though they were not at risk from storm surge flooding.
 - Official estimates were over 2.5 million people evacuated the Houston/Galveston area.
 - There were at least 34 indirect fatalities before, during and after Hurricane Rita and were the result of heat and transporting the elderly.
 - Total damage across Galveston County was around \$15 million.
 - No tornadoes were reported, and rainfall was minimal in Galveston County.
 - No reports of damage were documented in Dickinson.

- *September 12, 2007 – Hurricane Humberto*
 - Hurricane Humberto is notable for its exceptional rapid intensification off the Texas coast from a tropical depression into a hurricane within nineteen (19) hours.
 - At landfall, Hurricane Humberto was a Category 1 storm.
 - Maximum rainfall totals ranged from two inches (2") to over fourteen inches (14") mainly along and east of a line from Freeport to the Hitchcock/Texas City area to around Winnie.
 - There were no injuries or deaths from Humberto in the Houston-Galveston area.
 - No reports of damage were documented in Dickinson.

- *August 5, 2008 – Tropical Storm Edouard*
 - Tropical Storm Edouard moved ashore between High Island and Sabine Pass.
 - Damages included minor storm tide flooding along portions of Bolivar Peninsula.
 - Storm tide damage was limited to the Gilchrist area on Bolivar Peninsula.
 - No reports of damage were documented in Dickinson.

- *September 13, 2008 – Hurricane Ike (DR-1791)*
 - Hurricane Ike made landfall on Galveston Island as a strong Category 2 hurricane, but carried storm surge more consistent with a Category 4 or 5 storm.
 - Hurricane winds caused damage throughout the city. Storm surge flooded numerous homes and businesses, primarily along Clear Creek.
 - According to FEMA's 2008 Hurricane Ike Impact Report, estimated losses in Dickinson include at least:
 - 648 residential units substantially damaged or destroyed
 - \$5.5 million in commercial damage
 - \$5.4 million in damage to infrastructure and facilities
 - 2,500 employees out of work

No definitive record exists of all losses, public and private, due to disasters for the City of Dickinson. For the United States as a whole, estimates of the total public and private costs of natural disasters range from \$2 billion to over \$6 billion per year. Most of those costs can only be estimated. In most declared major disasters, the federal government reimburses seventy-five percent (75%) of the costs of cleanup and recovery, with the remaining twenty-five percent (25%) of the expenses covered by state and affected local jurisdictions. Costs, which do not include costs incurred by other federal agencies or by state and local agencies, include those associated with:

- Public assistance for debris removal, emergency services, roads and bridges, flood control facilities, public buildings and equipment, public utilities, and parks and recreational facilities.
- Assistance paid out for individual and family grants, emergency food and shelter, and other assistance to individuals.
- Funds set aside to support hazard mitigation grants.

The City of Dickinson received Public Assistance (PA) funds for Hurricane Ike. Project Worksheets written for Categories A and B were reimbursed at 100% by FEMA. All other Categories of work had a 90/10% cost share. The city's total estimated out of pocket expense for FEMA-eligible work is \$106,902.77. Project worksheets are detailed in *Table 5, Hurricane Ike Project Worksheets by Category*, along with the category description and total expenditures incurred by the city following Hurricane Ike, September 2008.

**Table 5
Hurricane Ike Project Worksheet Costs by Category**

Category	Type of Work	Sum of Project Worksheets by Category
A	Debris Removal	\$4,799,170.41
B	Emergency Protective Measures	\$821,781.76
C	Roads and Bridges	\$98,826.77
D	Water Control Facilities	\$0
E	Buildings, Contents and Equipment	\$231,399.69
F	Utilities	\$128,029.48
G	Parks, Recreational and Other	\$60,771.79
	TOTAL	\$6,139,979.90

The City of Dickinson attempted to obtain information regarding the number and amount of wind insurance claims for the city from the Texas Windstorm Association (TWIA). However, these statistics were only available for Galveston County and could not be delineated specifically by city. Hurricane Ike TWIA claims for Galveston County are shown in the table below.

**Table 6
Galveston County
Hurricane Ike-Related TWIA Insurance Claims**

Number of Policy Claims	Reported Loss	Average Claim
48,334	\$904,136,381	\$18,706



- *August 25, 2017 – Hurricane Harvey (DR-4332)*
 - Hurricane Harvey made landfall in South Texas as a strong Category 4 hurricane, but impacted the upper Texas Coast including the City of Dickinson with continuous heavy rainfall.
 - Rainfall amounts upwards of 50 inches caused devastating damage throughout the entire city. Ravine, Bayous and surge flooded over 7000 homes and businesses within the City of Dickinson.

The City of Dickinson is eligible for Public Assistance (PA) funds for Hurricane Harvey. Category A Debris removal will be reimbursed at 90% by FEMA and 10 % local cost share. Category B will be reimbursed at 100% for 30 days and then at 90% Federal and 10% local. All other Categories of work have a 90/10% cost share. At this time the city's total estimated out of pocket expense for FEMA-eligible work is unknown.

PROBABILITY OF FUTURE EVENTS

To determine the probability of future hurricane or tropical storm events, historical data from the NCDC was utilized. There are 11 hurricane events listed for Galveston County, not including Hurricane Ike and Hurricane Harvey. With the inclusion of Hurricane Ike, there were 12 hurricane events from 1995 to 2008. The number of days between each of the events was determined and those figures were added together. The sum was then divided by 11 (the number of deltas) to determine the average length of time between events, which is every 436 days. *Table 7* below illustrates the methodology used to determine the probability of the occurrence of future events.

Table 7
Probability of Future Occurrences of Hurricanes

Date of Event	Time Between Events	Number of Data Sets	Average Days Between Events (4794/11)
7/30/1995			
8/21/1998	1118	1	
9/7/1998	17	1	
6/5/2001	1002	1	
9/5/2002	457	1	
7/14/2003	312	1	
8/30/2003	47	1	
9/1/2003	2	1	
9/23/2005	753	1	
9/12/2007	719	1	
8/5/2008	328	1	
9/13/2008	39	1	
Sum	4,794	11	435.81

Based on Hurricane Ike in 2008 and Hurricane Harvey this year the extent of damage has been devastating to the City of Dickinson. This devastation is costly to both the City of Dickinson and it's citizens.

VULNERABILITY ASSESSMENT

Due to the close proximity to the coast of the Gulf of Mexico, the entire city is vulnerable to the effects of a hurricane and/or spawned tornadoes. Damage severity is relevant to the location of landfall and the subsequent path of the hurricane immediately thereafter.

All residents and structures within the city are vulnerable to damages associated with hurricane and tropical storm events. As shown previously, over fifty (50) tropical storm and/or hurricane events have occurred within Galveston County since 1854. However, only eleven (11) hurricanes/tropical storms have been recorded by the NCDC for Galveston County since 1950. Most notably, only two named hurricanes/tropical storms (Hurricanes Rita and Ike) have affected Dickinson within the past ten (10) years.

Table 2, *Critical and Vulnerable Facilities*, details the city's vulnerable and critical facilities affected by Hurricanes and/or Tropical Storms, as well as the additional hazard agents identified within this Plan. The city's vulnerability can be summarized as follows:

City of Dickinson		
City Facilities		\$66,768,050
Infrastructure		\$24,347,625
Galveston County Facilities		\$1,840,960
Utility Systems:	Water Storage	\$6,522,750
Historical/Cultural Facilities		\$6,084,683
Communications Systems (TV, radio, data systems, telephone at all facilities)		N/A
		\$109,194,658
At Risk Population*	<i>.097% of total population (2010 Census)**</i>	866
	Number of households	433
	Estimated Population: Number of households x 2.78 x 0.937	1,128
	Estimated property valuation (<i>average value/property</i>)	\$32,597
		\$14,114,501
Mobile Homes		
	Estimated population at risk (565x2.78x0.937)	1471
	GCAD Market Value	\$8,475,000
Residential Property***		
	Single Family	5,609 Units
	Multi-Family	1143 Units
		\$7,459,373,241
		\$217,879,220
Commercial	241 Units	\$520,904,902
Industrial	1 Units	\$1,293,020

* For purposes of this Plan, "At Risk Population" is defined as low income.

** Based upon 2010 Census

*** Based upon Galveston County Appraisal District (GCAD) Market Value w/out exemptions

While storm surge can exceed 20 ft. and inundate up to 90% of city structures, a more probabilistic surge would be in the 9 to 12 ft. range. As stated earlier a 9 to 12 ft. storm surge would inundate and damage roughly 25% of the city's structures. Table 8 shows an estimate of losses due to storm surge of 9 to 12 ft. covering approximately 25% of the city.

**Table 8
Potential Property Loss for 9 to 12 ft. Storm Surge**

Description of Structures	Value of Structures	X	Percent Damage (%)	=	Potential Loss to Structures (\$)
Mobile Homes	\$1,804,500	X	63	=	\$1,136,835
Single and Multifamily Housing	\$1,928,449,163	X	17.5	=	\$337,478,603
Improved Ranch/Farm Land	\$1,376,490	X	17.5	=	\$240,886
Commercial	\$130,226,225	X	17.5	=	\$22,789,589
Industrial/Utilities	\$323,255	X	17.5	=	\$56,569
Total	\$2,062,179,633	X	% Damage	=	\$361,702,482

MITIGATION STRATEGY

The Office of Emergency Management works diligently to increase preparedness and improve mitigation efforts related to hurricanes and tropical storm events.

- The city participates in a variety of exercises and disaster drills both locally and regionally to help increase preparedness.
 - Disaster exercises and drills are a vital function of the emergency management program.
 - Routine emergency drills and disaster exercises allow for city officials to interact with other local jurisdictions, regional emergency service providers, as well as state and federal agencies.
 - Exercises assist to identify potential problems or weaknesses in emergency management activities, as well as identify strengths and strategic alliances between departments, organizations, and outside agencies.
- The city conducts an annual Hurricane Preparedness Workshop for residents.
- Maintains a database with all registrants with the State of Texas 211 program to assist residents with special needs obtain assistance with evacuation prior to hurricane landfall.
- Utilizes the Brazoria, Chambers, Galveston and Harris County Zip-Zone Evacuation Map to assist in developing a strategic and orderly evacuation of residents prior to hurricane landfall. *(See Figures 15)*

MITIGATION ACTIONS:

This is a list of **past** Mitigation Actions identified in the previous Mitigation Plan.

Implement hazard awareness campaign at city fairs and events.

- **Moderate priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free Materials from FEMA, Red Cross, EMI
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Continuous

New Mitigation Actions:

Implement a public outreach program designed to educate the public about NFIP flood insurance, building above base flood elevation and floodplain regulations.

- **Moderate priority**
- **Estimated cost** – to be determined
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Community Development
- **Implementation Schedule**
As funds are identified and become available

Develop a Comprehensive Drainage Study to identify drainage issues and develop an action plan for implementation.

- **High priority**
- **Estimated cost** – \$125,000
- **Potential funding Source – Match funding from General fund or other non-federal funding source**
General Fund
Federal & State Grants
- **Responsibility**
Public Works and City Administration
- **Implementation Schedule**
Within one year of funding

Implement storm water drainage system improvements as identified by the Comprehensive Drainage Study to address flooding and improve back up caused by debris during events.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source – Match funding from General fund or other non-federal funding source**
General Fund
Federal & State Grants
- **Responsibility**
Public Works and City Administration
- **Implementation Schedule**
As funding becomes available

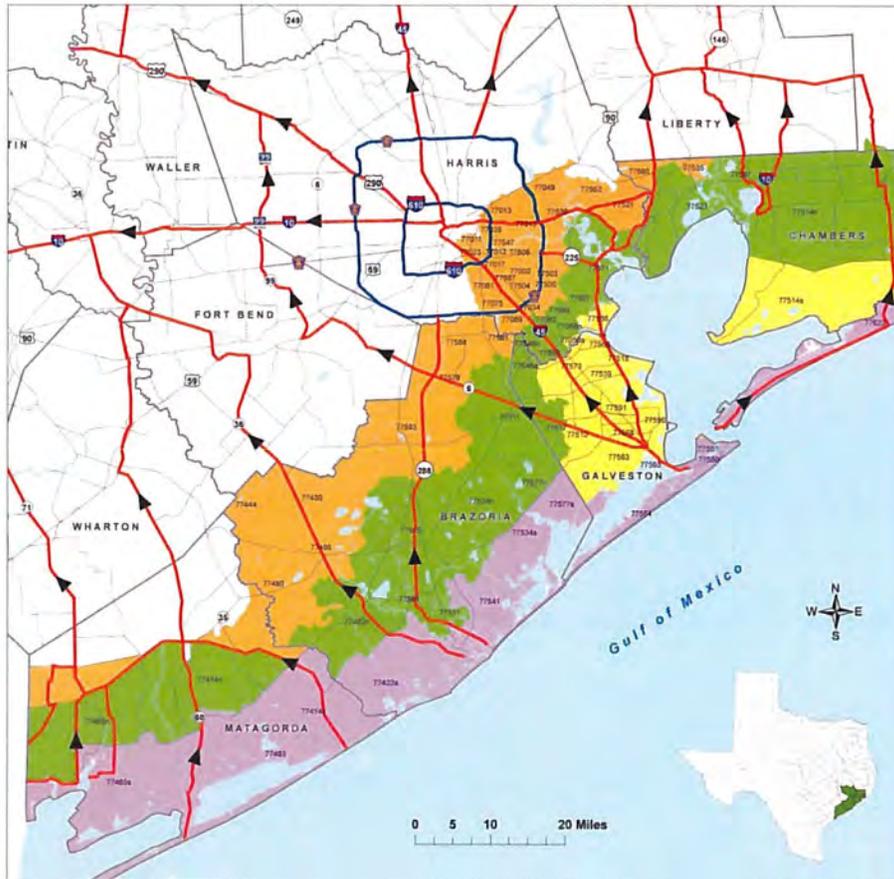
Retrofit critical facilities and other public buildings that must function during and following an emergency hazards incident.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source – Match funding from General fund or other non-federal funding source**
General Fund
Federal & State Grants
- **Responsibility**
Police Department, Public Works, Public Safety/Fire Marshal
- **Implementation Schedule**
Within two years of funding

Review existing building codes and flood ordinance to ensure adequate protection of new construction in flood-prone areas.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source – Match funding from General fund or other non-federal funding source**
 - General Fund
 - Federal & State Grants
- **Responsibility**
 - Community Development
- **Implementation Schedule**
 - As funds are identified and become available

Figure 15
Brazoria, Chambers, Galveston and Harris County Zip-Zone Evacuation Map



Brazoria, Chambers, Galveston, Harris and Matagorda Hurricane Evacuation Zip-Zones Coastal, A, B, C

ZIP ZONE COASTAL				
77414a	77422a	77455a	77483	77534a
77541	77550	77551	77554	77563
77577a	77623			
ZIP ZONE A				
77050a	77510	77514a	77516	77539
77563	77565	77568	77573	77580
77590	77591			
ZIP ZONE B				
77058a	77059	77062	77414a	77422a
77485a	77507	77511	77514a	77515
77517	77523	77531	77534a	77546a
77546a	77566	77571	77577a	77587
77598				
ZIP ZONE C				
77011	77012	77013	77015	77023
77029	77034	77049	77061	77075
77087	77089	77430	77486	77502
77503	77504	77505	77506	77521
77530	77535	77536	77547	77562
77578	77580	77581	77583	77584
77587				

Route Designation

- Evacuation Corridors
- Evacuation Connections
- Other Roads
- County Boundary



Expiration Date: December 31, 2015
 Revised: April 21, 2015
 Map Created by:
 Houston-Galveston Area Council

Flood Events

As stated in the *Texas Division of Emergency Management (TDEM) Hazards Analysis*, floods historically are and continue to be one of the most frequent destructive and costly natural hazards. Floods are a natural and recurrent event. Floods take place every year and in all seasons. Flooding is a localized hazard that is generally the result of excessive precipitation.

Flooding events are usually broken down into three different categories: flash floods, riverine floods, and tidal floods. Given present knowledge, the size, time, and place of floods cannot be predicted more than a few hours in advance. Floods are generally the result of excessive precipitation, and can be classified in two broad categories: general and flash floods.

FLASH FLOODING

Flash floods are the product of heavy localized precipitation falling in a short time period over a given location. Flash floods occur within a few minutes or hours of heavy amounts of rainfall and can destroy buildings and bridges, uproot trees, and scour out new drainage channels. Most flash flooding is caused by slow-moving thunderstorms in a local area or by heavy rains associated with hurricanes and tropical storms. Flash flooding is common in urbanized areas where much of the ground is covered by impervious surfaces. Roads and buildings generate greater amounts of runoff than the typical forested land. Fixed drainage channels in urban areas may be unable to contain the runoff that is generated by relatively small, but intense, rainfall events.

GENERAL FLOODING

General flooding events are defined as precipitation over a given river basin. General flooding events are usually long-term events that may last for several days. The primary types of general flooding include riverine, coastal, and urban flooding. Riverine flooding is a function of excessive precipitation levels and water runoff volumes within the watershed. Coastal flooding is typically a result of storm surge, wind-driven waves, and heavy rainfall produced by hurricanes, tropical storms, nor'easters, and other large coastal storms. Urban flooding occurs when development has obstructed the natural flow of water and decreased the ability of natural groundcover to absorb and retain surface water runoff.

Riverine Flooding (inland flooding not associated with coastal flooding)

Riverine flooding is a function of precipitation levels and water runoff volumes within the watershed of the stream or river. The recurrence interval of a flood is defined as the average time interval, in years expected to take place between the occurrence of a flood of a particular magnitude and an equal or larger flood. Flood magnitude increases with increasing interval.

Coastal Flooding

Coastal flooding is typically a result of storm surge, wind-driven waves, and heavy rainfall. These conditions are produced by hurricanes during the summer and fall, and nor'easters and other large coastal storms during the winter and spring.

For detailed information regarding storm surge and the effect on Dickinson, reference *Storm Surge Scales and Storm Surge Forecasting* under the *Hurricanes/Tropical Storms* section of this *Plan*.

Combined Riverine and Coastal Flooding

Certain areas are affected by both riverine and coastal flooding. For floodplain management and flood insurance purposes, criteria used in coastal areas should be applied in areas of combined riverine and coastal flooding.

Dickinson Bayou divides Dickinson. It is subject to combined probability flooding from riverine and coastal/tidal flooding. No home construction is allowed within Flood Zone A areas until a determination of the BFE (base flood elevation) for the parcel. Based upon the results of the BFE, the parcel is then zoned appropriately and construction elevation is based upon that determination.

Urban Flooding

The flooding of streets, underpasses, low lying areas, or storm drains. This type of flooding is mainly an inconvenience and is generally not life threatening.

FEMA FLOOD ZONE DESIGNATIONS

Flood zones are geographic areas that are defined according to varying levels of flood risk. These zones are depicted on the community's FIRM or Flood Hazard Boundary Map. Each zone reflects the severity or type of flooding in the area.

Portions of Dickinson are within the following flood zones: B and X (shaded), C and X (unshaded), A, floodway, and V (velocity zones). Flood categories are detailed in *Table 9 - FEMA Flood Zone Designations with Descriptors*. The flood zones within the city primarily follow Dickinson Bayou in the southwest and south central quadrants, Galveston Bay to the east, Dickinson Bayou in the north central portion, as well as Benson and Gum Bayous in portions of the city.

**Table 9
FEMA Flood Zone Designations with Descriptors**

Moderate to Low Risk Areas

ZONE	DESCRIPTION
B and X (shaded)	Area of moderate flood hazard, usually the area between the limits of the 100-year and 500-year floods. B Zones are also used to designate base floodplains of lesser hazards, such as areas protected by levees from 100-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than 1 square mile.
C and X (unshaded)	Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level. Zone C may have ponding and local drainage problems that don't warrant a detailed study or designation as base floodplain. Zone X is the area determined to be outside the 500-year flood and protected by levee from 100-year flood.

High Risk Areas

ZONE	DESCRIPTION
A	Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.
AE	The base floodplain where base flood elevations are provided. AE Zones are now used on new format FIRMs instead of A1-A30 Zones.
A1-30	These are known as numbered A Zones (e.g., A7 or A14). This is the base floodplain where the FIRM shows a BFE (old format).
AH	Areas with a 1% annual chance of shallow flooding, usually in the form of a pond, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
AO	River or stream flood hazard areas, and areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Average flood depths derived from detailed analyses are shown within these zones.
AR	Areas with a temporarily increased flood risk due to the building or restoration of a flood control system (such as a levee or a dam). Mandatory flood insurance purchase requirements will apply, but rates will not exceed the rates for unnumbered A zones if the structure is built or restored in compliance with Zone AR floodplain management regulations.
A99	Areas with a 1% annual chance of flooding that will be protected by a Federal flood control system where construction has reached specified legal requirements. No depths or base flood elevations are shown within these zones.

High Risk – Coastal Areas

ZONE	DESCRIPTION
V	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. No base flood elevations are shown within these zones.
VE, V1 - 30	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk.

PUBLIC AWARENESS OF HAZARDS AND RISK

The public becomes aware of local hazards in various ways. For example, public awareness of flood hazards is enhanced during the following activities:

- Buying property in a floodplain triggers the federal requirement to obtain flood insurance. Federally insured and regulated mortgage lenders are required to inform the potential homeowner of the necessity of purchasing flood insurance if the building is located in a mapped flood hazard area.
- Applying for permits will lead to the determination that the property or construction site is within a mapped floodplain and is subsequently subject to floodplain management requirements.
- When flooding occurs, the news media frequently advises the public of travel which is hampered by flooded roads and homes which may be damaged by floodwaters. Research has shown that many flood victims tend to discount the likelihood that flooding will occur again. This tendency is attributed to a general lack of understanding of probability. Often people interpret the phrase "100-year storm" to indicated it only occurs once every 100 years, rather than such an event has a 1-in-100 chance of happening each year.
- Flood warnings reach the public as regional warnings from the National Weather Service.

REPETITIVE LOSS AND SEVERE REPETITIVE LOSS PROPERTIES

Dickinson is located in Galveston County. Situated between two primary watersheds, Clear Creek and Dickinson Bayou, these watersheds affect the city's 253 of Repetitive Loss (RL) residential properties. It is important to note that flooding has damaged property in addition to those detailed in the RL and 25 SRL residential properties. At this time commercial property is not identified by RL or SRL. Neither FEMA nor TDEM have or maintain records that identify all flooded properties within the city.

Floodplains are designated by the frequency of the flood that is large enough to cover them. For example, the 10-year floodplain will be covered by the 10-year flood and the 100-year floodplain by the 100-year flood. Flood frequencies such as the 100-year flood are determined by plotting a graph of the size of all known floods for an area and determining how often floods of a particular size occur. Another way of expressing the flood frequency is the chance of occurrence in a given year, which is the percentage of the probability of flooding each year. For example, the 100-year flood has a one percent (1%) chance of occurring in any given year. The Flood Insurance Rate Maps (FIRMs), prepared by FEMA, show floodplain boundaries for vulnerable communities. FIRMs are used by the city to regulate new development and to control the improvement and repair of substantially damaged buildings within designated floodplains.

HISTORY OF FLOODING

The City of Dickinson is subject to flooding caused by intense local thunderstorms of short duration, general storms extending over periods of several days, heavy rainfall associated with hurricanes and other tropical disturbances, and storm surge. The National Climatic Data Center (NCDC) of the National Oceanographic and Atmospheric Administration (NOAA) maintains historical data for numerous hazards facing the United States. Based on this data, records indicate Galveston County has experienced 57 flood events (some events were entered more than once) from 1950 through 2012, and 4 events during the past five (5) years.

Major flood events which have occurred within the City of Dickinson are listed below. According to the NCDC database, there have been five (5) significant flood events since the *2005 Plan* was approved. Since this data was collected Hurricane Harvey created the sixth (6) and most recent major flood event.

SEPTEMBER 13, 2008

Hurricane Ike made landfall as a Category 2 hurricane on the Saffir-Simpson scale based on wind speed, but due to its large size had a storm surge more typical of a Category 4 hurricane. Homes along Clear Creek sustained substantial flood damage from the surge. Many homes were

inundated with several feet of water, causing several hundred thousand dollars in losses and flood claims.

APRIL 18, 2009

Heavy rainfall from thunderstorms moving across Galveston County caused road closures and widespread flooding in both the East and West sides of Dickinson. Numerous high water rescues of stranded motorists were reported. A rain gauge at FM 528 and Clear Creek in Dickinson recorded a 1 hour rainfall total of 6.02 inches. Initial damage assessments estimated that 300 homes, most of which were outside the 100 and 500 year floodplains, sustained flood damage from this event (although the actual number of flooded homes is likely much lower). NCDC data indicates this storm caused \$4 million in property damage.

APRIL 24, 2009

On April 24, 2009, Dickinson experienced widespread street flooding, though no damage to homes was reported. A series of thunderstorms produced heavy rainfall and strong winds across portions of Galveston, Harris and Chambers Counties. Numerous roads throughout the area were impassable due to high water.

MAY 12, 2012

On May 12, 2012, Rainfall totals of between five to ten inches produced widespread flooding. Street flooding was severe enough to force numerous road closures. Estimated damages were approximately 5,000 dollars.

SEPTEMBER 18, 2014

On the morning of September 18, 2014 a slow moving cluster of thunderstorms generated regional flash flooding. Several Dickinson roads were impassable due to high water. No damage to homes or business were reported.

AUGUST 25-29, 2017

Due to two High Pressure systems on both sides on Hurricane Harvey and a second landfall, the City of Dickinson received excessive amounts of rainfall. With rainfall amounts in excess of fifty (50) inches approximately 90% of the City of Dickinson had extreme flooding.

PROBABILITY OF FUTURE EVENTS

To determine the probability of future flood events, historical data from the NCDC was utilized. There are 57 flood events detailed within Galveston County including the City of Dickinson. The number of days between each of these events was determined and those figures were added together. The sum was then divided by the number of deltas to determine the average length of time between events, which is approximately every 143 days.

VULNERABILITY ASSESSMENT

While properties within the 100-year floodplain are more likely to experience flooding, all of Dickinson is prone to flash flooding. Rainfall associated with severe thunderstorms, tropical storms, and hurricanes can cause widespread street ponding and occasionally causes flooding of structures outside the floodplain. The city's current low flow (buried conduit) system fills at 2 inches (2") of rainfall per hour. If rainfall exceeds 2" per hour, water will begin to pond in the streets. Heavy rainfall events, such as Tropical Storm Allison and the severe thunderstorm on April 18, 2009, easily overwhelmed the system and caused tremendous flooding throughout the city.

Flooding can cause damage to vehicles, homes, businesses and infrastructure, and is also a public safety concern. Automobile accidents typically increase during heavy rainfall events, and high-water rescues are often necessary. Runoff caused by flooding can be an environmental hazard as well. Unlike sewage, which goes to treatment plants, runoff containing pollutants like trash, cigarette butts, motor oil, and fertilizers flows untreated through the storm drain system and empties directly into local waterways.

Runoff carrying debris and sediments can clog the drainage system, necessitating additional unbudgeted cleanouts.

Flooding caused by Hurricane Harvey made critical Infrastructure (roads/Highways), City facilities and services unavailable and non-accessible or safe for the citizens of Dickinson.

PARTICIPATION IN THE NFIP

In 1968, Congress authorized FEMA's National Flood Insurance Program (NFIP) for two primary purposes:

- (1) to have flood-prone property owners contribute to their own recovery from flood damage through an insurance program; and
- (2) to guide development in such a way that it is less prone to flood damage. To facilitate implementation, the NFIP created Flood Insurance Rate Maps (FIRMs) that, based on best available information and engineering methodologies, show areas subject to flooding by the 1-percent annual chance flood (also called the "100-year flood").

Communities use the maps to guide and regulate development. Citizens and insurance professionals use the maps to determine insurance needs. It is notable that, whereas flood insurance claims are paid when damage is sustained from any qualifying flood event, federal disaster assistance is available only after a flood is determined to be a "major disaster." A major disaster is defined as an event that exceeds state and local capabilities. In addition, disaster grants to individuals and families are limited to approximately \$14,000 (average payment is \$6,000). Therefore, owners of insured buildings that are in areas known to flood, especially as shown on FIRMs, are protected financially as long as they carry sufficient flood insurance coverage. Additional information on flood insurance coverage for property owners and consumers is available online at www.fema.gov/nfip.

Basic federal flood insurance helps pay for property damage and loss of contents. Under certain circumstances – for example, if flood damage causes "substantial damage" – an additional mitigation claim payment is available to help owners bring buildings into compliance with NFIP flood protection standards (as of May, 2003, this additional payment is capped at \$30,000). In addition, compliance is required when a building is substantially improved (includes repair of substantial damage). Substantial improvement is defined as improvements valued at 50% or more of the building's market value before improvement.

FEMA Community Information System records indicate that of the city's estimated 20,900 residential and commercial structures, Dickinson has 14,852 (62%) flood insurance policies in force, with coverage totaling \$4,553,349,400 (as of 12/31/2014). From 1979 through 2013, there have been 1,871 flood claims with losses totaling \$28,494,277 within the city. The average flood insurance payment for this period is \$15,228.37. The high number of flood insurance policies is attributed to an excellent public outreach program by the city and to the long history of major flood disasters in the Texas Gulf Coast area.

The City of Dickinson entered the NFIP Regular Program on April 8, 1971, when the initial Flood Insurance Rate Map (FIRM) was identified. The city's current FIRM is dated March 4, 1991, which corresponds to the last Flood Insurance Study conducted by FEMA. Currently Zach Meadows serves as the Flood Plan Administrator.

The Federal Emergency Management Agency (FEMA) has classified the city as a Category "C" Repetitive Loss Community because there are more than 10 RL properties within the jurisdiction. As a condition of participation in the Community Rating System (CRS) Program, FEMA requires a Category "C" Community to conduct an annual outreach project and adopt a floodplain management plan that addresses repetitive loss areas. Recent city outreach projects include:

- (1) annual flyers sent to all households in the floodplain stressing the importance of purchasing flood insurance;

- (2) all eligible SRL properties were sent information about a public meeting regarding the city's intention to apply for a FEMA SRL elevation grant
- (3) Information about flood insurance, building code standards, and other topics are included in the quarterly, city-wide newsletter.

The Community Rating System (CRS) indicates the city received a Class Eight (8) CRS Community designation by FEMA on October 1, 2012.

FLOOD INSURANCE IN TEXAS (AS OF 9/30/2014)

- With 602,797 NFIP policies in force (11.5% of all policies nationwide), Texas ranks second among all states in the number of flood-insured properties (Florida is #1).
- Property owners in Texas have received over 242,421 claim payments totaling \$5.61 billion. Only New Jersey and Louisiana have had more claims paid. (<https://www.fema.gov/policy-claim-statistics-flood-insurance/policy-claim-statistics-flood-insurance/policy-claim-13>) (Source: NFIP Statistics online at www.fema.gov/nfip)

MITIGATION STRATEGY

The City of Dickinson Public Works Department continuously works on drainage improvements and upgrades throughout the city. The City of Dickinson has also increased its number of Certified Floodplain Administrators (CFM) since the initial LMP was adopted. Currently there are two (2) CFMs on staff with the City's Community Development Department.

The City of Dickinson participated in the County's elevation programs raising 12 properties. Of these properties none were flooded in Hurricane Harvey.

SEVERE REPETITIVE LOSS GRANT APPLICATION

The City has participated in several RL/SRL grant mitigation programs since the 2011 LMP update. The Dickinson SRL Elevation Mitigation grant discussed in the 2011 LMP update has been completed.

The City of Dickinson is currently participating in two elevation mitigation SRL grant, administered by the Texas Water Development Board. These two grants have targeted an additional 20 eligible properties for elevation mitigation. Upon elevation, these properties can be considered mitigated and can be removed from the SRL list.

RL/SRL MITIGATION DATABASE

The City of Dickinson's Certified Floodplain Manager, along with staff, reviews the city's NFIP list of RL/SRL properties provided by FEMA. They will visit each address on the list and verify:

- (1) if the structure is still there – in some cases the home had been demolished,
- (2) whether the structure is occupied – there are homes that have been abandoned,
- (3) whether the property has been mitigated by drainage projects performed by the City, and
- (4) what measures the City can implement to prevent future losses at these properties.

The result will be a resource that the City can utilize to determine future actions to mitigate RL/SRL properties. It has been determined that, in some cases, the repetitive loss problem is related to drainage. The city is taking a proactive approach to solving drainage issues by applying for grants and taking out bonds to pay for needed infrastructure improvements. Using this database, the City can prioritize its drainage projects and rank the RL/SRL areas highest.

The City of Dickinson will apply for annual pre-disaster mitigation grants, as well as other mitigation grants, deemed appropriate. Citizens will be notified of opportunities to mitigate their property in anticipation of reducing the number of NFIP claims and losses. Current NFIP insurance rules no

longer allow the insured to make insurance claims without any corrective action to prevent future claims. These efforts ensure the city is able to maintain its current CRS rating.

MITIGATION RESOURCES

Mitigation of flood hazards traces its roots to Congressional deliberations about how to address continued and repetitive flood disasters throughout the first half of the 20th Century. The National Flood Insurance Program, authorized in 1968, prompted state and local government actions primarily intended to recognize and account for flood hazards in decisions on local development. It was not until 1988 that the concept of mitigation planning was articulated in a statute, known as "Section 409" planning. In 2000, the statute was revised under the Disaster Mitigation Act of 2000.

At the federal level, the Federal Emergency Management Agency administers mitigation programs that foster planning and project implementation to address existing risks. At the state and regional levels, several agencies and organizations sponsor programs that bear on hazard mitigation. The following sections provide an overview of existing Texas agencies, organizations, and programs addressing hazard mitigation.

- **TEXAS DIVISION OF EMERGENCY MANAGEMENT**
The Texas Division of Emergency Management (TDEM) is designated by the Governor as the state's coordinating agency for disaster preparedness, emergency response, and disaster recovery assistance. TDEM is also tasked with coordinating the state's natural disaster mitigation initiatives, chairing the State Hazard Mitigation Team, and maintaining the State of Texas Emergency Management Plan. TDEM fosters local mitigation planning and administers Hazard Mitigation Grant Program funds provided through the Federal Emergency Management Agency. Additional information about the TDEM can be found online at www.txdps.state.tx.us/dem.
- **TEXAS WATER DEVELOPMENT BOARD**
The Texas Water Development Board (TWDB) administers a variety of programs related to water. The TWDB is the agency charged with statewide water planning and administration of financial assistance programs for the planning, design, and construction of water supply, wastewater treatment, flood control, and agricultural water conservation projects. TWDB administers funding from FEMA under the Flood Mitigation Assistance Program (see Section 8.8). Additional information about the TWDB can be found online at www.twdb.state.tx.us.

The Texas Water Development Board (TWDB) was named in 2007, by the 80th State Legislature, as the state agency tasked with coordinating the National Flood Insurance Program (NFIP) within the state. The NFIP state coordinator acts as the liaison between the federal component of the program and the local communities, with the primary duty to provide guidance and education to the communities to assist in meeting the federal eligibility requirements for entrance into the NFIP, and also assist the communities with maintaining their participating status in the NFIP. In addition to coordinating the NFIP in Texas, the TWDB also provides funding assistance in the form of grants and loans for flood mitigation planning, as well as flood control projects.

- **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**
The Texas Commission on Environmental Quality (TCEQ) is a diversified agency dealing with permitting, licensing, compliance, enforcement, pollution prevention, and educational programs related to preservation and protection of air and water quality, and the safe disposal of waste. Related to mitigation of natural hazards are TCEQ programs that deal with drought, dam safety, and flood control and floodplain management. Additional information about the TCEQ can be found online at www.tceq.state.tx.us.

MITIGATION ACTIONS:

This is a list of **past** Mitigation Actions identified in the previous Mitigation Plan.

Implement hazard awareness campaign at city fairs and events.

- **Moderate priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free Materials from FEMA, Red Cross, EMI
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Continuous

New Mitigation Actions:

Implement campaign for the elevation of structures in flood prone areas

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source** – **Match funding from General fund or other non-federal funding source**
Federal & State Grants
- **Responsibility**
City Administration, Community Development, Public Works
- **Implementation Schedule**
As programs with funding become available

Potential of acquisition of flood prone properties

- **Low priority**
- **Estimated cost** – to be determined
- **Potential funding Source** – **Match funding from General fund or other non-federal funding source**
Federal & State Grants
- **Responsibility**
City Administration, Community Development, Public Works
- **Implementation Schedule**
As programs with funding become available

Review existing building codes and flood ordinance to ensure adequate protection of new construction in flood-prone areas.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Community Development
- **Implementation Schedule**
As funds are identified and become available

Implement Winding Way Street outfall storm sewer project.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Public Works
- **Implementation Schedule**
As funds are identified and become available

Implement a public outreach program designed to educate the public about NFIP flood insurance, building above base flood elevation and floodplain regulations.

- **Moderate priority**
- **Estimated cost** – to be determined
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Community Development
- **Implementation Schedule**
As funds are identified and become available

Develop a Comprehensive Drainage Study to identify drainage issues and develop an action plan for implementation.

- **High priority**
- **Estimated cost** – \$125,000
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Public Works and City Administration
- **Implementation Schedule**
Within one year of funding

Implement storm water drainage system improvements as identified by the Comprehensive Drainage Study to address flooding and improve back up caused by debris during events.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Public Works and City Administration
- **Implementation Schedule**
As funding becomes available

Retrofit critical facilities and other public buildings that must function during and following an emergency hazards incident.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source** –

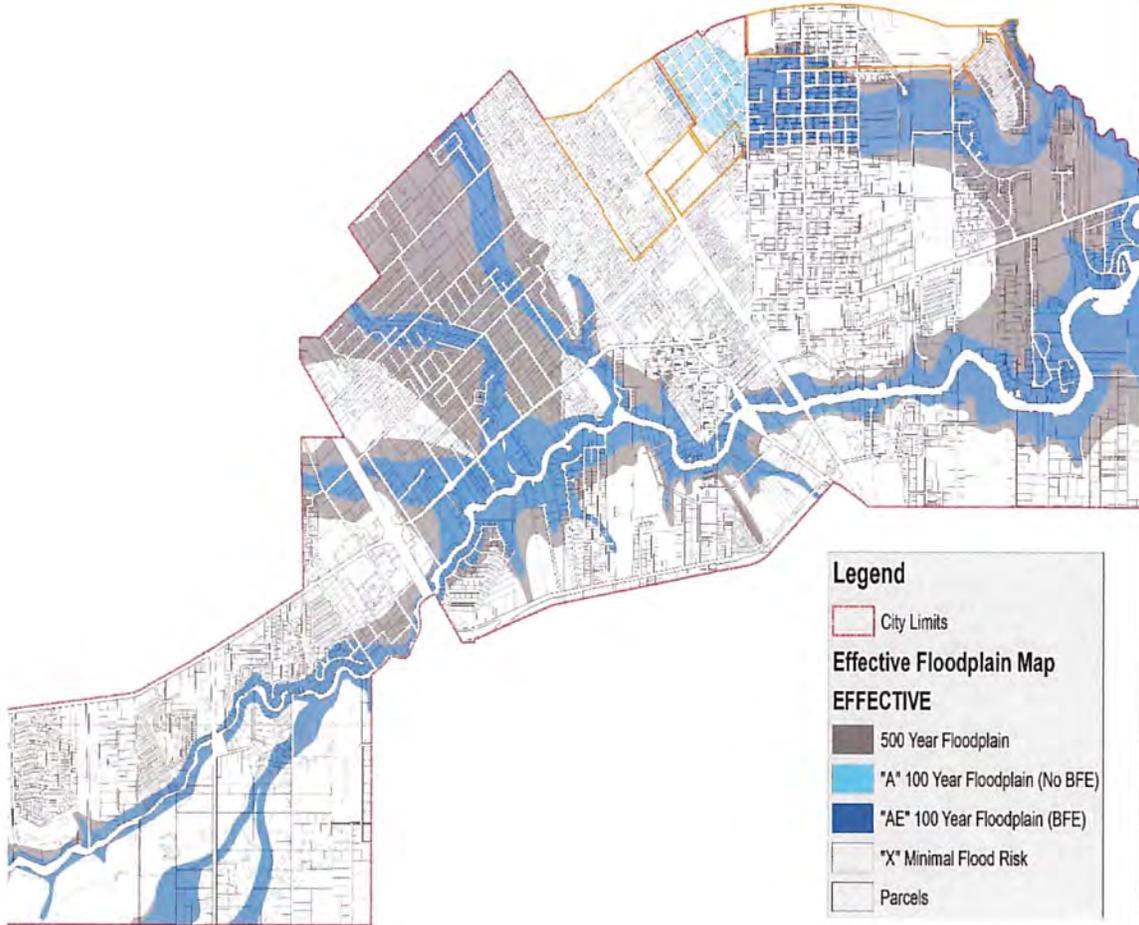
General Fund
Federal & State Grants

- **Responsibility**
Police Department, Public Works, Public Safety/Fire Marshal
- **Implementation Schedule**
Within two years of funding

DRAFT

FEMA Flood Map

City of Dickinson Effective Floodplain Map



Flood Ordinance

ARTICLE V. - FLOOD HAZARD AREAS⁽²⁾

Footnotes:

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Editor's note— Ord. No. 734-2011, §§ 2, 3, adopted November 8, 2011, repealed and reenacted article V in its entirety to read as herein set out. Formerly, article V, division 1—3 pertained to similar subject matter and derived from Ord. No. 509-2003, § 1, adopted January 13, 2004.

DIVISION 1. - GENERALLY

Sec. 14-101. - Definitions.

Unless specifically defined below, words or phrases used in this article shall be interpreted to give them the meaning they have in common usage and to give this article its most reasonable application.

Appeal means a request for a review of the floodplain administrator's interpretation of any provision of this article or a request for a variance.

Area of shallow flooding means a designated AO, AH, or VO Zone on the flood insurance rate map (FIRM) with a one-percent chance or greater annual chance of flooding to an average depth of one (1) to three (3) feet where a clearly defined channel does not exist, where the path of flooding is unpredictable and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow.

Area of special flood hazard means the land in the floodplain subject to a one-percent or greater chance of flooding in any given year. The area may be designated as Zone A on the flood hazard boundary map (FHBM). After detailed ratemaking has been completed in preparation for publication of the FIRM, Zone A may be refined into Zones A, AE, AH, AO, AI-99, VO, VI-30, YE or V on the FIRM.

Base flood means the flood having a one-percent chance of being equaled or exceeded in any given year.

Basement means any area of the building having its floor sub-grade (below ground level) on all sides.

Building. See *Structure*.

Development means any manmade change in improved and unimproved real estate, including but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavation or drilling operations or storage of equipment or materials.

Elevated building means a non-basement building built, in the case of a building in Zones A1-30, AE, A, A99, AO, AH, B, C, X, and D, to have the top of the elevated floor, or in the case of a building in Zones VI-30, YE, or V, to have the bottom of the lowest horizontal structure member of the elevated floor elevated above the ground level by means of pilings, columns (posts and piers), or shear walls parallel to the floor of the water; and adequately anchored so as not to impair the structural integrity of the building during a flood of up to the magnitude of the base flood. In the case of Zones A1-30, AE, A, A99, AO, AH, B, C, X, and D, elevated building also includes a building elevated by means of fill or solid foundation perimeter walls with openings sufficient to facilitate the unimpeded movement of floodwaters. In the case of Zones VI-30, VE, or V, elevated building also includes a building otherwise meeting the definition of elevated building, even though the lower area is enclosed by means of breakaway walls if the breakaway walls meet the standards of Section 60.3(e)(5) of the National Flood Insurance Program Regulations.

Encroachment means the advance or infringement of uses, plant growth, fill, excavation, buildings or development into a floodplain that may impede or alter the flow capacity of a floodplain.

Existing construction means for the purposes of determining rates, structures for which the start of construction commenced before the effective date of the FIRM or before January 1, 1975, for FIRMs effective before that date. Existing construction may also be referred to as existing structures.

Existing manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by the city.

Expansion to an existing manufactured home park or subdivision means the preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

Flood or flooding means a general and temporary condition of partial or complete inundation of normally dry land areas from:

- (1) The overflow of inland or tidal waters.
- (2) The unusual and rapid accumulation or runoff of surface waters from any source.

Flood insurance rate map (FIRM) means an official map of the city, on which the FEMA has delineated both the areas of special flood hazards and the risk premium zones applicable to the city.

Flood insurance study means the official report provided by the FEMA. The report contains flood profiles, water surface elevation of the base flood, as well as the flood hazard boundary/floodway maps.

Floodplain or flood-prone area means any land area susceptible to being inundated by water from any source (see definition of *Flood*).

Floodplain administrator means the chief building official or his or her designee.

Floodplain management means the operation of an overall program of corrective and preventive measures for reducing flood damage, including but not limited to emergency preparedness plans, flood control works and floodplain management regulations.

Floodplain management regulations means zoning ordinances, subdivision regulations, building codes, health regulations, special purpose ordinances (such as a floodplain ordinance, grading ordinance and erosion control ordinance) and other application of police power. The term describes such state or local regulations, in any combination thereof, which provide standards for the purpose of flood damage prevention and reduction.

Flood proofing means any combination of structural and non-structural additions, changes, or adjustments to structures that reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and their contents.

Flood protection system means those physical structural works for which funds have been authorized, appropriated, and expended and which have been constructed specifically to modify flooding in order to reduce the extent of the areas within the city subject to a special flood hazard and the extent of the depths of associated flooding. Such a system typically includes hurricane tidal barriers, dams, reservoirs, levees or dikes. These specialized flood modifying works are those constructed in conformance with sound engineering standards.

Floodway (regulatory floodway) means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height.

Functionally dependent use means a use that cannot perform its intended purpose unless it is located or carried out in close proximity to water. The term includes only docking facilities and port facilities that are necessary for the loading and unloading of cargo or passengers, and ship building and ship repair facilities, but does not include long-term storage or related manufacturing facilities.

Highest adjacent grade (HAG) means the highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.

Historic structure means any structure that is:

- (1) Listed individually in the National Register of Historic Places (a listing maintained by the department of interior) or preliminarily determined by the secretary of the interior as meeting the requirements for individual listing on the national register;
- (2) Certified or preliminarily determined by the secretary of the interior as contributing to the historical significance of a registered historic district or a district or a district preliminarily determined by the secretary to qualify as a registered historic district;
- (3) Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the secretary of interior; or

- (4) Individually listed on a local inventory or historic places in communities with historic preservation programs that have been certified either:
 - a. By an approved state program as determined by the secretary of the interior, or
 - b. Directly by the secretary of the interior in states without approved programs.

Levee means a manmade structure, usually an earthen embankment, designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding.

Lowest floor means the lowest floor of the lowest enclosed area (including basement). An unfinished or flood-resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area is not considered a building's lowest floor; provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirement of Section 60.3 of the National Flood Insurance Program Regulations.

Manufactured home means a structure transportable in one or more sections that is built on a permanent chassis and is designed for use with or without a permanent foundation when connected to the required utilities. The term manufactured home does not include a recreational vehicle. For floodplain management purposes the term manufactured home also includes park trailers, travel trailers, and other similar vehicles placed on a site for greater than one hundred eighty (180) consecutive days. For insurance purposes the term manufactured home does not include park trailers, travel trailers, and other similar vehicles.

Manufactured home park or subdivision means a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of floodplain management regulations adopted by the city (January 1, 1975). "Manufactured home park or subdivision" includes a parcel (or contiguous parcels) of land divided into two (2) or more manufactured home lots for rent or sale.

Market value means the building value, excluding the land (as agreed between a willing buyer and seller), as established by what the local real estate market will bear. Market value may be established by independent certified appraisal, replacement cost depreciated by age of building (actual cash value), or adjusted assessed values.

Mean sea level means, for purposes of the national flood insurance program, the national geodetic vertical datum (NGVD) of 1929 or other datum, to which base flood elevations shown on the flood insurance rate map are referenced.

New construction means, for floodplain management purposes, structures for which the start of construction commenced on or after January 1, 1975 (the effective date of the floodplain management regulation adopted by the city). The term also includes any subsequent improvements to such a structure.

NFIP means National Flood Insurance Program.

Obstruction includes, but is not limited to, any dam, wall, wharf, embankment, levee, dike, pile, abutment, protection, excavation, channelization, bridge, conduit, culvert, wire, fence, rock, gravel, refuse, fill, structure, vegetation, or other material in, along, across or projecting into any watercourse that may alter, impede, retard or change the direction and/or velocity of the flow of water, or due to its location, its propensity to snare or collect debris or its likelihood of being carried downstream.

Recreational vehicle means a vehicle, which is built on a single chassis; has four hundred (400) square feet or less when measured at the largest horizontal projections; designed to be self-propelled or permanently towable by a light duty truck; and designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

Repetitive loss. See *Substantial damage* .

Severe repetitive loss means a property defined as a residential property that is covered under an NFIP flood insurance policy and:

- (1) That has at least four (4) NFIP claim payments (including building and contents) over five thousand dollars (\$5,000.00) each, and the cumulative amount of such claims payments exceeds twenty thousand dollars (\$20,000.00), or

- (2) For which at least two (2) separate claims payments (building payments only) have been made with the cumulative amount of the building portion of such claims exceeding the market value of the building.

For both (1) and (2) above, at least two (2) of the referenced claims must have occurred within any ten-year period, and must be greater than ten (10) days apart.

Start of construction (for other than new construction or substantial improvements under the Coastal Barrier Resources Act (Pub. L. 97-348)) means and includes substantial improvement and means the date the building permit was issued, provided the actual construction, repair, reconstruction, placement, or other improvement was within one hundred eighty (180) days of the permit date. The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of excavation; or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for basement, footings, piers or foundations or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure.

Structure means a walled and roofed building, including a gas or liquid storage tank, that principally aboveground, as well as a manufactured home.

Substantial damages means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed fifty (50) percent of the market value of the structure before the damage occurred. Substantial damage also means flood-related damages sustained by a structure on two (2) separate occasions during a ten-year period for which cost of repairs at the time of each such flood event, on the average, equals or exceeds twenty-five (25) percent of the market value of the structure before the damage occurred (a repetitive loss).

Substantial improvement means any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds fifty (50) percent of the market value of the structure before the start of construction of the improvement. This term includes structures that have incurred substantial damage, regardless of the actual repair work performed. The term does not, however, include either:

- (1) Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions, or
- (2) Any alteration of a historic structure, provided that the alteration will not preclude the structure's continued designation as a historic structure.

Variance means a grant of relief to a person from the requirements of this article when specific enforcement would result in unnecessary hardship. A variance, therefore, permits construction or development in a manner otherwise prohibited by this article.

Violation means the failure of a structure or other development to be fully compliant with these floodplain management regulations. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in this article is prima facie evidence of violation until such time as that documentation is provided.

Watercourse means a lake, river, creek, stream, wash, channel or other topographic feature on or over which waters flow at least periodically. Watercourse includes specifically designated areas in which substantial flood damage may occur.

Water surface elevation means the height, in relation to the national geodetic vertical datum (NGVD) of 1929 (or other datum, where specified), of floods of various magnitudes and frequencies in the floodplains of coastal or river in areas.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-102. - Findings of fact.

- (a) The flood hazard areas of the city are subject to periodic inundation that results in loss of life and property, health and safety hazards, disruption of commerce and governmental services, and extraordinary public expenditures for flood protection and relief, all of which adversely affect the public health, safety and general welfare.

- (b) These flood losses are created by the cumulative effect of obstructions in floodplains that cause an increase in flood heights and velocities, and by the occupancy of flood hazard areas by uses vulnerable to floods and hazardous to other lands because they are inadequately elevated, flood-proofed or otherwise protected from flood damage.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-103. - Statement of purpose.

It is the purpose of this article to promote the public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

- (1) Protect human life and health.
- (2) Minimize expenditure of public money for costly flood control projects.
- (3) Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public.
- (4) Minimize prolonged business interruptions.
- (5) Minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in floodplains.
- (6) Help maintain a stable tax base by providing for the sound use and development of flood-prone areas in such a manner as to minimize future flood blight areas.
- (7) Insure that potential buyers are notified that property is in a flood area.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-105. - Methods of reducing flood losses.

In order to accomplish its purposes, this article uses these methods:

- (1) Restricts or prohibits uses that are dangerous to health, safety or property in times of flood, or cause excessive increases in flood heights or velocities.
- (2) Requires that uses vulnerable to floods, including facilities, which serve such uses, be protected against flood damage at the time of initial construction.
- (3) Controls the alteration of natural floodplains, stream channels, and natural protective barriers, which are involved in the accommodation of floodwaters.
- (4) Controls filling, grading, dredging and other development that may increase flood damage.
- (5) Prevents or regulates the construction of flood barriers that will unnaturally divert floodwaters or that may increase flood hazards to other lands.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-106. - Application of article.

This article shall apply to all areas of special flood hazard within the jurisdiction of the city.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-107. - Basis for establishing the areas of special flood hazard.

The areas of special flood hazard identified by FEMA in a scientific and engineering report entitled, "The Flood Insurance Study for the City of Dickinson," dated August 16, 1982, with accompanying flood insurance rate maps (FIRM) and any revisions thereto are hereby adopted by reference and declared to be a part of this article.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-108. - Establishment of development permit.

- (a) A development permit shall be required to ensure conformance with the provisions of this article.
- (b) A person commits an offense if the person locates, extends, converts, or structurally alters any land or building in a flood hazard area without a development permit.
- (c) A person commits an offense if the person develops, locates, extends, converts, or structurally alters any land or building in a flood hazard area without fully complying with the terms of this article and other applicable regulations.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-109. - Compliance.

No structure or land shall hereafter be located, altered, developed, or have its use changed without full compliance with the terms of this article and other applicable regulations.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-110. - Abrogation and greater restrictions.

This article is not intended to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this article and another conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-111. - Interpretation.

In the interpretation and application of this article, all provisions shall be:

- (1) Considered as minimum requirements;
- (2) Liberally construed in favor of the city council; and
- (3) Deemed neither to limit nor repeal any other powers granted under state statutes.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-112. - Warning and disclaimer of liability.

The degree of flood protection required by this article is considered reasonable for regulatory purposes and is based on scientific and engineering considerations. On rare occasions greater floods can and will occur and flood heights may be increased by manmade or natural causes. This article does not imply that land outside the areas of special flood hazards or uses permitted within such areas will be free from flooding or flood damages. This article shall not create liability on the part of the city or any official or employee thereof for any flood damages that result from reliance on this article or any administrative decision lawfully made thereunder.

(Ord. No. 734-2011, § 3, 11-8-11)

Secs. 14-113—14-130. - Reserved.

DIVISION 2. - ADMINISTRATION

Sec. 14-131. - Floodplain administrator—Designation.

The chief building official is hereby designated the floodplain administrator to administer and implement the provisions of this article and other appropriate sections of 44 CFR National Flood Insurance Program Regulations) pertaining to floodplain management.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-132. - Same—Duties and responsibilities.

The duties and responsibilities of the floodplain administrator shall include, but not be limited to, the following:

- (1) Maintain and hold open for public inspection all records pertaining to the provisions of this article.
- (2) Review permit applications to determine whether proposed building sites will be reasonably safe from flooding.
- (3) Review, approve or deny all applications for development permits required by this article.
- (4) Review permits for proposed development to assure that all necessary permits have been obtained from those federal, state or local governmental agencies (including Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. § 1334) from which prior approval is required.
- (5) Where interpretation is needed as to the exact location of the boundaries of the areas of special flood hazards (for example, where there appears to be a conflict between a mapped boundary and actual field conditions) the floodplain administrator shall make the necessary interpretation.
- (6) Notify, in riverine situations, adjacent communities and the state coordinating agency (TCEQ) prior to any alteration or relocation of a waterway course, and submit evidence of such notification to the FEMA.
- (7) Assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained.
- (8) When base flood elevation data has not been provided in accordance with section 14-107, the floodplain administrator shall obtain, review and reasonably utilize any base flood elevation data and floodway data available from a federal, state or other source, in order to administer the provisions of division 3 of this article;
- (9) When a regulatory floodway has not been designated, the floodplain administrator must require that no new construction, substantial improvements, or other (including fill) shall be permitted within Zones AI-30 and AE on the FIRM, unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the water surface elevation of the base flood elevation.
- (10) Shall maintain permit records, by address, to document the date of repairs, flood related costs of repair, and the market value of structures and buildings.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-133. - Permit procedures.

- (a) Application for a development permit shall be presented to the floodplain administrator on forms furnished by the floodplain administrator and may include, but not be limited to, plans in duplicate drawn to scale showing the location, dimensions, and elevation of proposed landscape alterations, existing and proposed structures, and the location of the foregoing in relation to areas of special flood hazard. Additionally, the following information is required:
 - (1) Elevation (in relation to means sea level), of the lowest floor (including basement) of all new and substantially improved structures.
 - (2) Elevation in relation to means sea level to which any nonresidential structure shall be flood proofed.
 - (3) A certificate from a registered professional engineer or architect that the nonresidential flood proofed structure shall meet the flood proofing criteria of subsection 14-152(2).
 - (4) Description of the extent to which any watercourse or natural drainage will be altered or relocated as a result of proposed development.
 - (5) Maintain a record of all such information in accordance with subsection 14-132(1).
- (b) Approval or denial of a development permit by the floodplain administrator shall be based on all of the provisions of this article and the following relevant factors:
 - (1) The danger to life and property due to flooding or erosion damage.
 - (2) The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner.

- (3) The danger that materials may be swept onto other lands to the injury of others.
- (4) The compatibility of the proposed use with existing and anticipated development.
- (5) The safety of access to the property in times of flood for ordinary and emergency vehicles.
- (6) The costs of providing governmental services during and after flood conditions including maintenance and repair of streets and bridges, and public utilities and facilities such as sewer, gas, electrical and water systems.
- (7) The expected heights, velocity, duration, rate of rise and sediment transport of the floodwaters and the effects of wave action, if applicable, expected at the site.
- (8) The necessity to the facility of a waterfront location, where applicable.
- (9) The availability of alternative locations, not subject to flooding or erosion damage, for the proposed use.
- (10) The relationship of the proposed use to the comprehensive plan for that area.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-134. - Variance procedures.

- (a) The city council shall hear and render judgment on requests for variances from the requirements of this article.
- (b) The city council shall hear and render judgment on an appeal only when it is alleged there is an error in any requirement, decision, or determination made by the floodplain administrator in the enforcement or administration of this article.
- (c) Any person aggrieved by the decision of the city council may appeal such decision to a court of competent jurisdiction.
- (d) The floodplain administrator shall maintain a record of all actions involving an appeal and shall report variances to the FEMA upon request.
- (e) Variances may be issued for the reconstruction, rehabilitation or restoration of historic structures listed on the National Register of Historic Places or the state inventory of historic places, without regard to other procedures.
- (f) Upon consideration of the factors noted above and the intent of this article, the city council may attach such conditions to the granting of variances as it deems necessary to further the purpose and objectives of section 14-104.
- (g) Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood discharge would result.
- (h) Prerequisites for granting variances:
 - (1) Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
 - (2) Variances shall only be issued upon:
 - a. Showing a good and sufficient cause;
 - b. A determination that failure to grant the variance would result in exceptional hardship to the applicant; and
 - c. A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public, or conflict with existing local law or ordinances.
 - (3) Any applicant to whom a variance is granted shall be given written notice that the structure will be permitted to be built with the lowest floor elevation below the base flood elevation, and that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.
- (i) Variances may be issued by the city council for new construction and substantial improvements and for other development necessary for the conduct of a functionally dependent use provided that:

- (1) The criteria outlined in subsections (a)—(h) are met, and
- (2) The structure or other development is protected by methods that minimize flood damages during the base flood and create no additional threats to public safety.

(Ord. No. 734-2011, § 3, 11-8-11)

Secs. 14-135—14-150. - Reserved.

DIVISION 3. - FLOOD HAZARD REDUCTION

Sec. 14-151. - General standards.

In all areas of special flood hazards the following provisions are required for all new construction and substantial improvements:

- (1) All new construction or substantial improvements shall be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.
- (2) All new construction or substantial improvements shall be constructed by methods and practices that minimize flood damage.
- (3) All new construction or substantial improvements shall be constructed with materials resistant to flood damage.
- (4) All new construction or substantial improvements shall be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding by elevating them eighteen (18) inches above the base flood elevation.
- (5) All new and replacement water supply systems shall be designed to eliminate infiltration of floodwaters into the system.
- (6) New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of floodwaters into the system and discharge from the systems into floodwaters.
- (7) On-site waste disposal systems shall be located to avoid impairment to them or contamination from them during flooding.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-152. - Specific standards.

In all areas of special flood hazards where base flood elevation data has been provided as set forth in section 14-107, subsection 14-132(8) or subsection 14-153(d), the following provisions are required:

- (1) *Residential construction.* New construction and substantial improvement of any residential structure shall have the lowest floor (including basement), elevated to a minimum of eighteen (18) inches above the base flood elevation shown on the latest edition of the FIRM.
- (2) *Nonresidential construction.* New construction and substantial improvements of any commercial, industrial or other nonresidential structure shall either have the lowest floor (including basement) elevated to a minimum of eighteen (18) inches above the base flood elevation shown on the latest edition of the FIRM or, together with attendant utility and sanitary facilities, be designed so that below the base flood elevation the structure is watertight with walls substantially impermeable to the passage of water and with structural components having the capacity of resisting hydrostatic and hydrodynamic loads and effects of buoyancy.
- (3) *Enclosures.* New construction and substantial improvements with fully enclosed areas below the lowest floor that are subject to flooding shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of flood waters. Designs for meeting this requirement must either be certified by a registered professional engineer or architect or meet or exceed the following minimum criteria:
 - a. A minimum of two (2) openings having a total net area of not less than one (1) square inch for every square foot of enclosed area subject to flooding shall be provided.

- b. The bottoms of all openings shall be no higher than one (1) foot above grade.
 - c. Openings may be equipped with, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit for floodwaters.
- (4) *Manufactured homes.* The following shall apply to manufactured homes:
- a. Require that all manufactured homes to be placed within Zone A, shall be installed using methods and practices which minimize flood damage. For the purpose of this requirement, manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors. This requirement is in addition to applicable state and local anchoring requirements for resisting wind forces.
 - b. All manufactured homes shall be in compliance with subsection (1) above.
 - c. Require that all manufactured homes to be placed or substantially improved within Zones AI-30, AH and AE on the FIRM be elevated on a permanent foundation such that the lowest floor of the manufactured home is eighteen (18) inches above the base flood elevation; and be securely anchored to an adequately anchored foundation system in accordance with this paragraph.
- (5) *Recreational vehicles.* All recreational vehicles placed on sites within Zones A1-30, AH, and AE on the FIRM shall either:
- a. Be on the site for fewer than one hundred eighty (180) consecutive days;
 - b. Be fully licensed and ready for highway use; or
 - c. Meet the permit requirements, including elevation and anchoring requirements, for manufactured homes in this article. A recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick disconnect type utilities and security devices, and has no permanently attached additions.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-153. - Standards for subdivision proposals.

- (a) All subdivision proposals including manufactured home parks and subdivisions shall be consistent with sections 14-103, 14-104 and 14-105.
- (b) All proposals for the development of subdivisions including manufactured home parks and subdivisions shall meet development permit requirements of section 14-108, section 14-133, and the provisions of this division.
- (c) Base flood elevation data shall be generated for subdivision proposals and other proposed development including manufactured home parks and subdivisions, if not otherwise provided pursuant to section 14-107 or subsection 14-132(8).
- (d) All subdivision proposals, including manufactured home parks and subdivisions, shall have adequate drainage provided to reduce exposure to flood hazards.
- (e) All subdivision proposals including manufactured home parks and subdivisions shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize or eliminate flood damage.
- (f) The special flood hazard area (SFHA) boundary and any base flood elevation for the building site(s) on each lot shall be clearly marked on all recorded subdivision plats and approved site development plans.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-154. - Standards for areas of shallow flooding (AOI AH) Zones.

Located within the areas of special flood hazard established in section 14-107 are areas designated as shallow flooding. These areas have special flood hazards associated with base flood depths of one (1) to three (3) feet where a clearly defined channel does not exist and where the path of flooding is

unpredictable and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow; therefore, the following provisions apply:

- (1) All new construction and substantial improvements of residential structures have the lowest floor (including basement) elevated above the highest adjacent grade at least eighteen (18) inches above the depth number specified in feet on the FIRM (at least two (2) feet if no depth number is specified).
- (2) All new construction and substantial improvements of nonresidential structures:
 - a. Have the lowest floor (including basement) elevated above the highest adjacent grade at least eighteen (18) inches above the depth number specified in feet on the FIRM (at least two (2) feet if no depth number is specified), or
 - b. Together with attendant utility and sanitary facilities be designed so that the structure is watertight up to eighteen (18) inches above the base flood elevation with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads of effects of buoyancy.
- (3) A registered professional engineer or architect shall submit a certification to the floodplain administrator that the standards of this section, as proposed in subsection 14-133(a)(1) are satisfied.
- (4) Require within Zones AH or AO adequate drainage paths around structures on slopes, to guide floodwaters around and away from proposed structures.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-155. - Floodways.

Floodways located within areas of special flood hazard established in section 14-107 are areas designated as floodways. Since the floodway is an extremely hazardous area due to the velocity of floodwaters, which carry debris, potential projectiles and erosion potential, the following provisions shall apply:

- (1) Encroachments are prohibited, including fill, new construction, substantial improvements and other development within a flood hazard area unless certification by a professional registered engineer or architect is provided demonstrating that encroachments shall not result in any increase in flood levels within the city during the occurrence of the base flood discharge.
- (2) If subsection (1) above is satisfied, all new construction and substantial improvements shall comply with all applicable flood hazard reduction provisions of this division including the lowest horizontal structural member being eighteen (18) inches above the base flood elevation.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-156. - Standards for areas in B Zone.

All new construction and substantial improvements of residential and nonresidential structures shall have the lowest floor (including basement) elevated at least eighteen (18) inches above the highest adjacent grade.

(Ord. No. 734-2011, § 3, 11-8-11)

Sec. 14-157. - Standards for areas in Zone A.

New construction and substantial improvement of any residential and nonresidential Structures in Zone A areas shall have the lowest floor (including basement), elevated to a minimum of eighteen (18) inches above the base flood elevation shown on the latest edition of the FIRM.

Severe Thunderstorms -- Includes High Wind, Lightning, and Hail

THUNDERSTORMS WITH HIGH WINDS

While flooding has been the primary disaster concern identified within the community, other disaster situations have occurred. Thunderstorms disrupt more lives than any other form of weather. Produced by a cumulonimbus cloud, a thunderstorm is an atmospheric disturbance with lightning and thunder. Thunder is the sound of the shock wave produced by the rapid heating and cooling of the air near the lightning bolt. The typical thunderstorm is 15 miles in diameter and lasts an average of thirty (30) minutes and may also be accompanied by high winds, rain, and hail. Thunderstorms are usually accompanied by strong winds, heavy rain, hail, or no precipitation at all. Thunderstorms can generally form and develop in any geographic location, most frequently within areas where moist air collides with cooler air. These storms are also capable of producing straight-line winds and micro-bursts with extreme power. A thunderstorm is classified as "severe" when it contains one or more of the following: hail three-quarter inch ($\frac{3}{4}$ ") or greater, winds gusting in excess of 50 knots (57½ mph), and/or tornado. While thunderstorms are also capable of producing tornadoes and resulting in flood events, this Plan profiles those hazards separately.

Extent

The majority of the damages recorded from the thunderstorm wind events were a result of downed trees, branches, and power lines. There were no recorded deaths or injuries associated with these storms; however, total recorded damages for Galveston County was \$46,000. Thunderstorms may affect the entire planning area or isolated portions thereof.

Thunderstorms are a frequent occurrence within the city. Severe weather events occur year-round with the peak season for occurrence during the spring and summer months. The most common time period for occurrences is between the hours of noon and 10:00 PM. The length of severe weather events varies considerably by event. Duration usually lasts from several minutes to several hours. High winds associated with these storms have damaged trees, downed power lines and, caused property damage. Historically, the City of Dickinson has experienced seven events of thunderstorms with high winds averaging between 60 mph to 69 mph. This equates to Force 10 and Force 11 (storm/violent storm) on the Beaufort Wind Scale (*Reference Table 15-Beaufort Wind Scale*). For the purposes of this Plan, it is assumed that the city may experience thunderstorms with high winds up to Force 11 in the absence of a tropical storm/hurricane.

Probability/Vulnerability

Probability

The probability of occurrence for future thunderstorms in the City of Dickinson is highly probable, meaning there is greater than a 75 percent chance of a storm occurring in any given year. According to the NCDC reported historical occurrences, areas within the city experiences several severe storm a year. Given this regular frequency of occurrence, it can be expected that future thunderstorms will continue to threaten life and cause property damages throughout the city.

Impact and Vulnerability

According to the available data for previous occurrences, high winds are common to the City of Dickinson when accompanied by thunderstorms. If another Beaufort event of 10 or higher were to occur, the city would be susceptible to structural damage to structural facilities, especially roofs and windows. Injuries may also occur as a result of debris that is carried by strong gusts or twigs and branches that are broken off from the force of the wind. Traffic disruptions may also occur as traffic lights could be damaged or flying debris could cause accidents on the road. This would hinder the ability of critical services staff to travel to and from work.

- Historical records indicated there have been 313 thunderstorm/high wind events recorded within Galveston County including the City of Dickinson since 1950. This equates to a probability of an event occurring within Galveston County to include the City of Dickinson every 140 days.

Table 13 lists previous thunderstorm events as compiled by the National Climatic Data Center (NCDC). It is important to note that only thunderstorm events that have been reported have been factored into this risk assessment, and in most cases NCDC data is limited to severe thunderstorm events that are noteworthy for specific reasons (high winds, deaths, injuries, property or crop damages, lightning strikes). It is likely that a high number of thunderstorm occurrences have gone unreported over the past 50+ years.

**Table 13
Historical Thunderstorms Events (NCDC, 1981 – 2016)**

JURISDICTION	NUMBER OF REPORTED EVENTS	MAXIMUM WIND SPEED RECORDED (KNOTS)	DEATHS	INJURIES	REPORTED PROPERTY DAMAGE (2009 DOLLARS)	REPORTED CROP DAMAGE (2009 DOLLARS)
Dickinson	15	50	0	0	143,985	Negligible

**Table 14
Thunderstorm with High Winds
History with Recorded Damages**

Date	Wind Speed (mph)	Reported Damage Amount
April 21, 2006	63	\$10,000
June 13, 2006	69	\$35,000
March 14, 2007	60	\$30,000
July 23, 2007	69	\$10,000
April 24, 2010	69	\$20,000
January 9, 2012	59	\$10,000
May 11, 2012	70	\$25,000
November 4, 2012	69	\$10,000

(Source: NOAA Satellite and Information Service/National Climatic Data Center)

**Table 15
Beaufort Wind Scale**

Force	Wind mph	WMO Classification	Appearance of Wind Effects On Land
0	Less than 1	Calm	Calm, smoke rises vertically
1	1-3	Light Air	Smoke drift indicates wind direction, still wind vanes
2	4-7	Light Breeze	Wind felt on face, leaves rustle, vanes begin to move
3	8-12	Gentle Breeze	Leaves and small twigs constantly moving, light flags extended
4	13-18	Moderate Breeze	Dust, leaves, and loose paper lifted, small tree branches move
5	19-24	Fresh Breeze	Small trees in leaf begin to sway
6	25-31	Strong Breeze	Larger tree branches moving, whistling in wires
7	32-38	Near Gale	Whole trees moving, resistance felt walking against wind
8	39-46	Gale	Whole trees in motion, resistance felt walking against wind
9	47-54	Strong Gale	Slight structural damage occurs, slate blows off roofs
10	55-63	Storm	Seldom experienced on land, trees broken or uprooted, "considerable structural damage"
11	64-72	Violent Storm	Widespread damage to vegetation. Many roofing surfaces are damaged; asphalt tiles that have curled up and/or fractured due to age may break away completely
12	73+	Hurricane	Very widespread damage to vegetation. Some windows may break; mobile homes and poorly constructed sheds and barns are damaged. Debris may be hurled about.

Developed in 1805 by Sir Francis Beaufort of England

THUNDERSTORMS WITH LIGHTNING

Lightning is a threat of electrification within a thunderstorm cloud system. Each year in the United States 75-100 people are hit and killed by lightning. Lightning damage results from four effects of the lightning strike:

- electrocution of humans and animals,
- vaporization of materials along the path of the strike,
- fire caused by the high temperature produced by the strike, and
- sudden power surges that can damage electrical and electronic equipment.

Millions of dollars of direct and indirect damages result from lightning strikes on electric utility substations and distribution lines. While property damage is the major hazard associated with lightning, it should be noted that lightning strikes kill more people each year than either tornadoes or hurricanes.

**Figure 18
Lightning activity level**

Lightning Activity Level (LAL)	
<i>Activity Levels are valuable guidance tools to aid in the preparation for possible fire initiation from cloud-to-ground lightning.</i>	
LAL 1	No thunderstorms
LAL 2	Isolated thunderstorms. Light rain will occasionally reach the ground. Lightning is very infrequent, 1 to 5 cloud to ground strikes in a five minute period.
LAL 3	Widely scattered thunderstorms. Light to moderate rain will reach the ground. Lightning is infrequent, 6 to 10 cloud to ground strikes in a 5 minute period.
LAL 4	Scattered thunderstorms. Moderate rain is commonly produced. Lightning is frequent, 11 to 15 cloud to ground strikes in a 5 minute period.
LAL 5	Numerous thunderstorms. Rainfall is moderate to heavy. Lightning is frequent and intense, greater than 15 cloud to ground strikes in a 5 minute period.
LAL 6	Dry lightning (same as LAL 3 but without rain). This type of lightning has the potential for extreme fire activity and is normally highlighted in fire weather forecasts with a Red Flag Warning.
Source: http://www.erh.noaa.gov/rnk/LAL.htm	

Extent

- NCDC records show fifteen (15) lightning strikes in Galveston County for the period of 1950 through December 31, 2014
- Four (4) of those events were recorded from January 1, 2010 through December 31, 2014.
- Of these 12 reports, one (1) was in Dickinson.
- Total damage estimates for these lightning strikes were \$395,000 for residential structures and \$2 million to a refinery tank.
- Four (4) injuries and five (5) deaths were reported in conjunction with these storms.
- Thunderstorm/lightning events have the potential to affect all property and residents within the city.

Probability/Vulnerability

- Data of cloud-to-ground flash densities for the State of Texas indicates 11.1 flashes per square mile, with a total of 2,937,283 flashes per year. (*Vaisala, Inc., June 2009*). With the City of Dickinson encompassing 52.4 square miles, the potential exists for up to a density of 572 lightning strikes per year.
- Fifteen (15) thunderstorm/lightning events have been recorded for Galveston County since 1950.
- This equates to the probability of a thunderstorm/lightning event occurring every 452 days within the county.



Figure 19
NCDC Query Report for Lightning
2005 - 2015

Storm Events Database

Data Access

- Search
- Bulk Data Download (CSV)
- Storm Data Publication

Documentation

- Database Details
- Version History
- Storm Data FAQ
- NOAA's NWS Documentation
- Tornado EF Scale

External Resources

- NOAA's SPC Reports
- NOAA's SPC WCM Page
- NOAA's NWS Damage Assessment Toolkit
- ESR/FEMA Civil Air Patrol
- Images
- SHELDUS
- USDA Cause of Loss Data

Storm Events Database

Search Results for Galveston County, Texas

10 events were reported between 01/01/2005 and 01/31/2015 (3683 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	8
Number of Days with Event and Death:	2
Number of Days with Event and Death or Injury:	4
Number of Days with Event and Property Damage:	6
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	1

Column Definitions:

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

*Click on **Location** below to display details.*

Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Data Export: (current results) Sort By:

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								2	2	405.00K	0.00K
SAN LEON	GALVESTON CO.	TX	07/14/2005	11:30	CST	Lightning		0	1	10.00K	0.00K
GALVESTON	GALVESTON CO.	TX	08/23/2006	03:30	CST	Lightning		1	0	70.00K	0.00K
TEXAS CITY	GALVESTON CO.	TX	03/31/2007	09:30	CST-6	Lightning		0	0	30.00K	0.00K
KEMAH	GALVESTON CO.	TX	08/01/2007	15:00	CST-6	Lightning		0	0	10.00K	0.00K
TEXAS CITY GULF ARPT	GALVESTON CO.	TX	08/26/2008	12:05	CST-6	Lightning		0	1	0.00K	0.00K
CRYSTAL BEACH	GALVESTON CO.	TX	06/03/2009	15:00	CST-6	Lightning		1	0	0.00K	0.00K
(GLS)SCHOLLES FLD GAL	GALVESTON CO.	TX	07/26/2010	04:45	CST-6	Lightning		0	0	250.00K	0.00K
JAMAICA BEACH	GALVESTON CO.	TX	07/26/2010	12:30	CST-6	Lightning		0	0	15.00K	0.00K
ALTA LOMA	GALVESTON CO.	TX	07/26/2010	14:00	CST-6	Lightning		0	0	5.00K	0.00K
LEAGUE CTY SPCLND AR	GALVESTON CO.	TX	03/20/2012	09:15	CST-6	Lightning		0	0	15.00K	0.00K
Totals:								2	2	405.00K	0.00K

THUNDERSTORMS WITH HAIL

As with other severe weather events, hailstorms may occur year round. Duration of the hailstorm varies from periodic hailstones interspersed with a rain event, to an extended hail event lasting minutes to hours. The following hail events have been recorded in the area:

**Table 16
Hail History with Recorded Damages**

Date	Reported Damage Amount
May 6, 2006	\$10,000
March 12-13-14, 2007	\$8,000
February 1, 2009	No report of damages
April 4, 2012	\$2,000
April 20, 2012	\$5,000
April 2, 2013	\$1,850,000
September 7, 2014	No report of damages

(Source: NOAA Satellite and Information Service/National Climatic Data Center)

The hazard from hail is primarily in terms of damage to crops and property. Hail tends to fall in swaths, which may be from 20 to 115 miles long and 5 to 30 miles wide. A hail swath is not a continuous path of hail but generally consists of a series of hail strikes, which are produced by individual thunderstorm cells traversing the same general area. Hail strikes are typically about half a mile wide and five (5) miles long. Hail ranges in size from vanishing small particles to melon-sized dimensions. Hailstones may be spherical, conical or irregular in shape. The size and shape is governed by the violence of the storm cell. The lifting and falling of the freezing moisture pellet within the storm cell increases the size of the hailstone until it is ejected from the cloud.

The Tornado and Storm Research Organization (TORRO) developed an intensity scale for hail which extends from H0 to H10 with its increments of intensity or damage potential related to hail size, texture, numbers, fall speed, speed of storm translation and strength of the accompanying wind (refer to *Table 17, TORRO Hailstorm Intensity Scale In Relation to Typical Damage and Hail Size Codes*). An indication of equivalent hail kinetic energy ranges (in joules per square meter) has been added to the first six increments on the scale, and this may be derived from radar reflectivity or from hail pads. The International Hailstorm Intensity Scale recognizes that hail size alone is insufficient to accurately categorize the intensity and damage potential of a hailstorm, especially towards the lower end of the scale. Without additional information, an event in which hail of up to walnut size is reported (hail size Code 3 with hail diameter of 21-30 mm) would be graded as a hailstorm with a minimum intensity of H2-3. Additional information, such as the ground wind speed or the nature of the damage the hail caused, would help to clarify the intensity of the event. For example, a fall of walnut-sized hail with little or no wind may scar fruit and sever the stems of crops, but would not break vertical glass and thus would be ranked H2-3. However, if accompanied by strong winds, the same hail may smash many windows in a house, dent the bodywork of a car, and thus may be graded an intensity as high as H5. Evidence indicates that maximum hailstone size is the most important parameter relating to structural damage, especially towards the most severe end of the scale.

Table 17
TORRO Hailstorm Intensity Scale
In Relation to Typical Damage and Hail Size Codes

	Intensity Category	Typical Hail Diameter (mm)*	Probable Kinetic Energy (J-m²)	Typical Damage Impacts
H0	Hard Hail	5	0-20	No damage
H1	Potentially Damaging	5- 15	>20	Slight general damage to plants, crops
H2	Significant	10- 20	>100	Significant damage to fruit, crops, vegetation
H3	Severe	20- 30	>300	Severe damage to fruit & crops, damage to glass & plastic structures, paint & wood scored
H4	Severe	25- 40	>500	Widespread glass damage, vehicle bodywork damage
H5	Destructive	30- 50	>800	Wholesale destruction of glass, damage to tiled roofs, significant risk of injuries
H6	Destructive	40- 60		Bodywork of grounded aircraft dented, brick walls pitted
H7	Destructive	50- 75		Severe roof damage, risk of serious injuries
H8	Destructive	60- 90		Severe damage to aircraft bodywork
H9	Super Hailstorms	75- 100		Extensive structural damage. Risk of severe or even fatal injuries to persons caught in the open
H10	Super Hailstorms	>100		Extensive structural damage. Risk of severe or even fatal injuries to persons caught in the open

** Approximate range (typical maximum size in bold) since other factors such as number and density of hailstones, hail fall speed and surface wind speeds affect severity.*

Table 18
Hail Size & Diameter in Relation to TORRO Hailstorm Intensity Scale

Size Code	Maximum Diameter (mm)	Description
0	5-9	Pea
1	10-15	Mothball
2	16-20	Marble, grape
3	21-30	Walnut
4	31-40	Pigeon's egg
5	41-50	Golf ball
6	51-60	Hen's egg
7	61-75	Tennis ball
8	76-90	Large orange, soft ball
9	91-100	Grapefruit
10	>100	Melon

The size code is the maximum reported size code accepted as consistent with other reports and evidence

Extent

- It can be assumed that all property within the city may be susceptible to potential damages from a hail storm.
- Thunderstorm/hail events can affect all or portions of the structures within the city; not all structures and/or areas of the community are equally affected during such events.
- Historically hail size has been recorded in the range of 1-3 inches (21-76 mm).
- Utilizing the *TORRO Hailstorm Intensity Scale*, this equates to H2-H7 classification.
- Damages in the H2-H7 ranges vary from potentially damaging to destructive.
- Damages have been recorded at \$0 to \$1,850,000.

Probability/Vulnerability

- Utilizing event occurrences from the NCDC, thunderstorm/hail events occur on average every 313 days within Galveston County, with the potential of damages being recorded in a portion of the city.
- Although the potential exists for an H7 thunderstorm/hail event, historical thunderstorm/hail events are recorded in the H3 category. (*Refer to Table 24-TORRO Hailstorm Intensity Scale*). It is assumed that the most common category of thunderstorm with hail would be in the H1-H3 range.

PROBABILITY OF FUTURE EVENTS

To determine the probability of future severe thunderstorm events, Galveston County historical data from the NCDC was utilized. It was found that:

- severe thunderstorm with high winds occurs in Galveston County every 140 days;
- thunderstorm/hail events occur every 313 days;
- and thunderstorm/lightning events occur every 452 days.

VULNERABILITY ASSESSMENT

Severe weather events occur within the community on the average of at least once per year. Vulnerability is difficult to evaluate since thunderstorms can occur at different strength levels, in random locations and can create relatively narrow paths of destruction. Due to the randomness of these events, the entire population of the City of Dickinson remains vulnerable to possible injury and/or property loss from lightning, strong winds, and hail associated with thunderstorms.

The City of Dickinson's susceptibility to wind disaster most affects those residents who reside in mobile homes. As shown earlier, the city has 625 mobile/manufactured homes with approximately 1,750 residents at risk. Major damage can be caused and injuries can occur during thunderstorms producing lighten, strong winds and hail. Although mobile/manufactured homes are most vulnerable to strong wind, all structures are vulnerable to lightning. Lightning can strike ten miles out from the rain column, enabling injurious lightning strikes to people can occur under a clear sky ahead of the storm.

MITIGATION STRATEGY

In an effort to mitigate the impact of severe weather events within the city, the city provides public outreach programs designed to increase family disaster preparedness. The Office of Emergency Management submits emergency preparedness materials to be included on the city's website and to be forwarded to residents who are notified via Blackboard Connect system. The Office of Emergency Management personnel participate in emergency management training courses, exercises, drills, along with various conferences.

The Office of Emergency Management encourages all residents to purchase and utilize weather radios. Additional sources for obtaining current weather conditions and information are available through local radio and television stations in Houston, City of Dickinson website: www.ci.dickinson.tx.us, City social media accounts, email alerts from the city, and Blackboard Connect telephone notification system.

MITIGATION ACTIONS:

This is a list of **past** Mitigation Actions identified in the previous Mitigation Plan.

Implement hazard awareness campaign at city fairs and events.

- **Moderate priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free materials from FEMA, Red Cross, EMI
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Continuous

New Mitigation Actions:

Implement a public outreach program designed to educate the public about Severe Thunderstorms -- Includes High Wind, Lightning, and Hail

- **Low priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free materials as available
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Annually

Retrofit critical facilities and other public buildings that must function during and following an emergency hazards incident.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source – Match funding from General fund or other non-federal funding source**
 - General Fund
 - Federal & State Grants
- **Responsibility**
 - Police Department, Public Works, Public Safety/Fire Marshall
- **Implementation Schedule**
 - Within two years of funding

Tornado

A tornado is a violent rotating column of air extending from a thunderstorm to the ground. The most violent tornadoes are capable of tremendous destruction with wind speeds of up to 300 mph. When the lower tip of a vortex touches earth, the tornado becomes a force of destruction. They can destroy large buildings, uproot trees and hurl vehicles hundreds of yards. They can also drive straw into trees. The damage caused by a tornado is a result of the high wind velocity and wind-blown debris. According to the National Weather Service, tornado wind speeds range from 40 to more than 300 miles per hour.



The most violent tornadoes have rotating winds of 250 mph or more and are capable of causing extreme destruction. Tornadoes are related to larger vortex formations, and therefore often form in convective cells such as thunderstorms or in the right forward quadrant of a hurricane, far from the hurricane eye. (*Multi-Hazard Identification and Risk Assessment, The Cornerstone of the National Mitigation Strategy, FEMA, 1997, p. 40*)

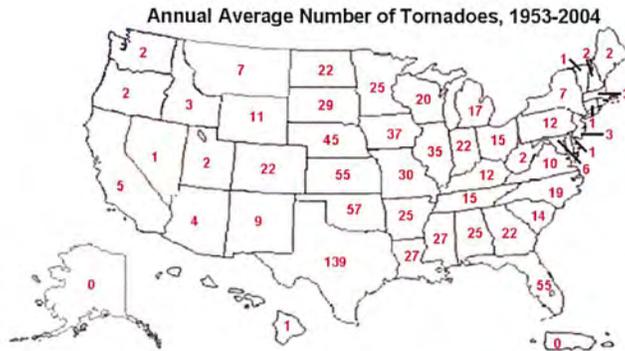
According to the NOAA Storm Prediction Center (SPC), the highest concentration of tornadoes in the United States has been in Oklahoma, Texas, and Florida respectively. Although the Great Plains region of the Central United States does favor the development of the largest and most dangerous tornadoes (earning the designation of "tornado alley"), Florida experiences the greatest number of tornadoes per square mile of all U.S. states (SPC, 2002).

Tornado damage severity is measured by the Enhanced Fujita Scale, which began operational use on February 1, 2007. The scale has the same basic design as the original Fujita Scale (implemented in 1971) with six categories from zero to five representing increasing degrees of damage. The Enhanced Fujita Scale includes 28 damage indicators categorized by building type and construction. According to NOAA, the Enhanced Fujita Scale is a set of wind estimates (not measurements) based on damage on a judgment of 8 levels of damage. These estimates vary with height and exposure. The new scale takes into account the quality of construction and standardizes different types of structures. None of the tornadoes recorded on or before January 31, 2007, will be re-categorized.

National Weather Service records document Galveston County has experienced forty-four (44) tornadoes of F1 magnitude or greater from 1950 to 2002. Of the recorded storms in Galveston County, nine (9) deaths were reported and two hundred thirty-seven (237) injuries were reported. Damages from these storm events totaled \$32.1 million. However, from 2003-2007, Galveston County only had two (2) recorded tornadoes (both in the City of Friendswood). There were no recorded deaths or injuries and damage estimates were reported at \$475,000. There have been six (6) tornado weather events recorded by the NCDRC for the City of Dickinson from 1950 till 2015. *Copies of the NCDRC reports can be seen in*

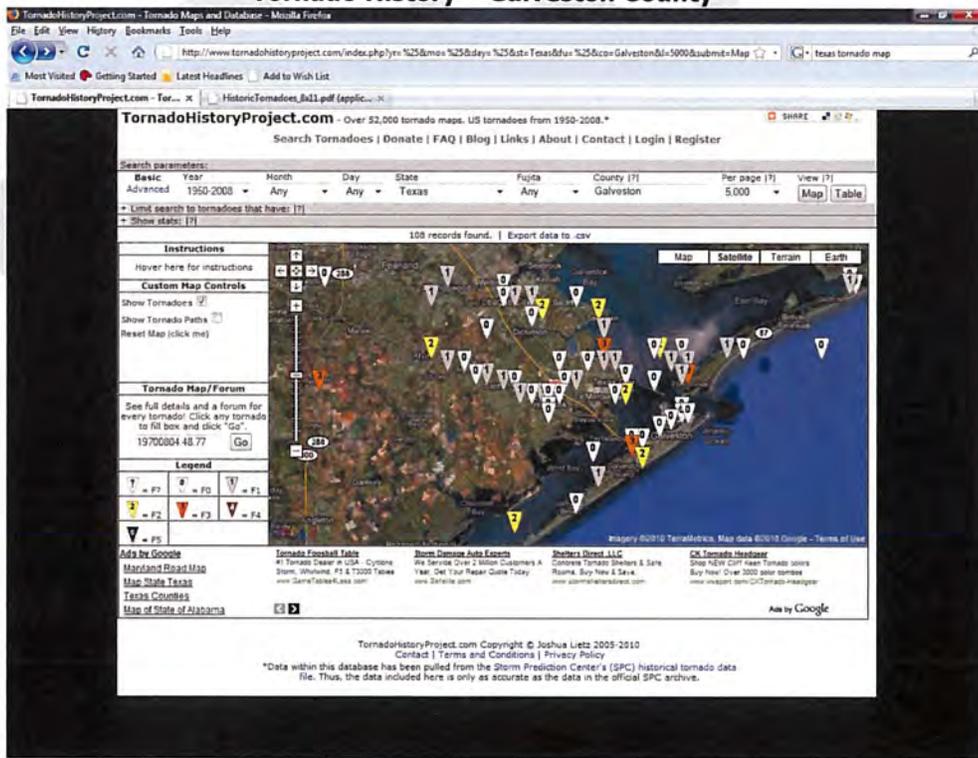
Figure 31. No tornadoes have been reported within the City of Dickinson since the 2010 LMP, however, four (4) events were recorded within Galveston County.

Figure 20
Annual Average Number of Tornadoes
1953-2004



Source www.ncdc.noaa.gov

Figure 21
Tornado History – Galveston County



Source: www.tornadohistoryproject.com

**Table 19
Enhanced Fujita Scale for Tornadoes**

ENHANCED FUJITA SCALE		
EFO Number	Wind Speed (mph)	Potential Damage
EF0	65-85	<p>Light Damage</p> <ul style="list-style-type: none"> ▪ Peels surface off some roofs ▪ Some damage to gutters or siding ▪ Branches broken off trees ▪ Shallow-rooted trees pushed over ▪ Confirmed tornadoes with no reported damage (those that remain in open fields) are always rated EF0
EF1	86-110	<p>Moderate Damage</p> <ul style="list-style-type: none"> ▪ Roofs severely stripped ▪ Mobile homes overturned or badly damaged ▪ Loss of exterior doors ▪ Windows and other glass broken
EF2	111-135	<p>Considerable Damage</p> <ul style="list-style-type: none"> ▪ Roofs torn off well-constructed houses ▪ Foundations of frame homes shifted ▪ Mobile homes completely destroyed ▪ Large trees snapped or uprooted ▪ Light-object missiles generated ▪ Cars lifted off ground
EF3	136-165	<p>Severe Damage</p> <ul style="list-style-type: none"> ▪ Entire stories of well-constructed houses destroyed ▪ Severe damage to large buildings such as shopping malls ▪ Trains overturned ▪ Trees debarked ▪ Heavy cars lifted off the ground and thrown ▪ Structures with weak foundations blown away some distance
EF4	166-200	<p>Devastating Damage</p> <ul style="list-style-type: none"> ▪ Well-constructed houses and whole frame houses completely leveled ▪ Cars thrown and small missiles generated
EF5	> 200	<p>Total Destruction</p> <ul style="list-style-type: none"> ▪ Strong frame houses leveled off foundations and swept away ▪ Automobile-sized missiles fly through the air in excess of 109 yards ▪ Steel reinforced concrete structure badly damaged ▪ High-rise buildings have significant structural deformation ▪ Incredible phenomena will occur

Figure 22 NCDC Records – Tornado Events for Dickinson

Extent

- Texas averages 123 tornadoes touching down each year.
- The City of Dickinson is located near the Texas Gulf Coast and this area of the state receives on average twenty (20) or more tornadoes per year.
- Tornadoes may occur in any month and at any hour of the day, but they occur most often in late spring and early summer during late afternoon and evening hours.
- Of the 114 tornadoes recorded for Galveston County from 1950-2014, nine (9) were spawned from tropical storms and/or hurricanes. Tornadoes affecting Dickinson have typically been in the EF0-EF1 range as depicted on the Enhanced Fujita Scale for Tornadoes. However, the potential exists that stronger (EF3 to EF5) to occur during landfall of a tropical storm and/or hurricane.
- Magnitude of the two (2) tornadoes affecting Dickinson since 1950, were categorized as F0 and F1 on the *Fujita Scale for Tornadoes*, with wind speeds ranging from 40 miles per hour to a maximum of 112 miles per hour.
- Damages recorded from these two tornadoes ranged from \$20,000 to \$100,000.
- Due to the inability to predict what portion of the city would be affected by a tornado, it is assumed that the entire community is at risk.
- The most susceptible properties for receiving damage as the result of a tornado are mobile/modular homes.

Probability/Vulnerability

- Tornadoes have been infrequent, usually associated with hurricanes or other severe weather storms.
- Although the potential for a devastating tornado causing extensive damage to life and property exists, tornadoes within the community have been short-lived and only moderate in strength.
- Touchdown of a tornado usually is expected less than once a year.
- To determine the probability of future tornado events, Galveston County historical data from the NCDC was utilized. It was found that a tornado occurs somewhere in Galveston County every 232 days.

VULNERABILITY ASSESSMENT

The entire community is vulnerable to the effects of a tornado. Vulnerability of humans and property is difficult to evaluate since tornadoes form at different strengths, in random locations, and create relatively narrow paths of destruction. Although tornadoes strike at random, making all buildings vulnerable, three types of structures are more likely to suffer damage:

- Manufactured homes
- Homes on crawlspaces (more susceptible to lift)
- Buildings with large spans, such as shopping malls, gymnasiums, factories, etc.

The 110 tornado events identified by the NCDC, 9 deaths were recorded and 242 injuries in the past 60 years. Eight (8) of the total deaths occurred during an F4 tornado. The probability of loss of life during an F0 or F1, the most common tornado to have affected Dickinson, is minimal.

Damages will vary and are dependent upon the location of touchdown in specific sections of the city, or if the tornado is large enough to affect the entire city simultaneously. Other factors that can influence damages include the tornado's wind speed and age of building stock impacted. Loss to human life is always possible during a tornado event, especially when there is little warning time.

Damage from a tornado is most disastrous to those residents residing in mobile homes. As shown earlier, the city has 625 mobile/manufactured homes which puts approximately 1,750 residents at risk. Also at great risk to the effects of a tornado is that portion of the city's population defined as "At Risk Population", low income based upon the 2010 Census. The "At Risk Population" encompasses an estimated 578 residents, with estimated property value at risk of \$7,236,440. Although mobile/manufactured homes are most vulnerable to tornados, all structures are vulnerable

to the effects from them. Potential maximum damage calculations as a result of a tornado striking within the city could reach or exceed \$2,134,828,040.

MITIGATION STRATEGY

The City of Dickinson has adopted stringent building codes and participates in programs such as the National Weather Service's Severe Weather Awareness Week to prepare for and mitigate damages caused by tornados. The City of Dickinson also notifies residents about severe weather events through Blackboard Connect in an effort to protect lives and property.



MITIGATION ACTIONS:

This is a list of **past** Mitigation Actions identified in the previous Mitigation Plan.

Implement hazard awareness campaign at city fairs and events.

- **Moderate priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free Materials from FEMA, Red Cross, EMI
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Continuous

New Mitigation Actions:

Implement a public outreach program designed to educate the public about Tornados

- **Low priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free materials as available
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Annually

Retrofit critical facilities and other public buildings that must function during and following an emergency hazards incident.

- **High priority**
- **Estimated cost** – to be determined
- **Potential funding Source – Match funding from General fund or other non-federal funding source**
 - General Fund
 - Federal & State Grants
- **Responsibility**
 - Police Department, Public Works, Public Safety/Fire Marshall
- **Implementation Schedule**
 - Within two years of funding

Extreme Heat

Extreme heat kills by pushing the human body beyond its limits. Under normal conditions, the body's internal thermostat produces perspiration that evaporates and cools the body. However, in extreme heat and high humidity, evaporation is slowed and the body must work extra hard to maintain a normal temperature.

Temperatures that hover ten degrees (10°) or more above the average high temperature for the region and last for several weeks are defined as extreme heat. Humid or muggy conditions, which add to the discomfort of high temperatures, occur when a "dome" of high atmospheric pressure traps hazy, damp air near the ground. Excessively dry and hot conditions can provoke dust storms.

Most heat disorders occur because the victim has been over-exposed to heat or has over-exercised for his or her age and physical condition. Other conditions that can induce heat related illnesses include stagnant atmospheric conditions and poor air quality.

The City of Dickinson's climate is humid subtropical, with hot summers along with frequent, prolonged heat waves. The City of Dickinson is at risk throughout the summer months, therefore the risk of heat disorders is more common than elsewhere.

Heat Wave – A prolonged period of excessive heat most often combined with high humidity.

Heat Index – Humidity and temperature is used to determine the felt air temperature.

Heat Stroke – A life threatening condition where the victim's body can not sufficiently cool itself can result in brain damage and death.

Heat Exhaustion – A form of mild shock where blood flow is sent to skin and away from the vital organs. It is the result of strenuous activity in the heat where the body has lost fluids by sweating.

Table 20
NOAA's National Weather Service
Heat Index

		Temperature (°F)															
		80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110
Relative Humidity (%)	40	80	81	83	85	88	91	94	97	101	105	109	114	119	124	130	136
	45	80	82	84	87	89	93	96	100	104	109	114	119	124	130	137	
	50	81	83	85	88	91	95	99	103	108	113	118	124	131	137		
	55	81	84	86	89	83	97	101	106	112	117	124	130	137			
	60	82	84	88	91	95	100	105	110	116	123	129	137				
	65	82	85	89	93	98	103	108	114	121	128	136					
	70	83	86	90	95	100	105	112	119	126	134						
	75	84	88	92	97	103	109	116	124	132							
	80	84	89	94	100	106	113	121	129								
	85	85	90	96	102	110	117	126	135								
	90	86	91	98	105	113	122	131									
95	86	93	100	108	117	127											
100	87	95	103	112	121	132											

Likelihood of Heat Disorders with Prolonged Exposure or Strenuous Activity

Caution
 Extreme Caution
 Danger
 Extreme Danger

Category	Heat Index	Possible heat disorders for people in high risk groups
Extreme Danger	130°F or higher (54°C or higher)	Heat stroke or sunstroke likely.
Danger	105° - 129°F (41 - 54° C)	Sunstroke, muscle cramps, and/or heat exhaustion likely. Heatstroke possible with prolonged exposure and/or physical activity.
Extreme Caution	90 - 105°F (32 - 41°C)	Sunstroke, muscle cramps, and/or heat exhaustion possible with prolonged exposure and/or physical activity.
Caution	80 -90°F (27 - 32°C)	Fatigue possible with prolonged exposure and/or physical activity.

**Figure 22
Query Results for Extreme Heat Events
Galveston County 1950-2017**

Storm Events Database

Data Access

- Search
- Bulk Data Download (CSV)
- Storm Data Publication

Documentation

- Database Details
- Version History
- Storm Data FAQ
- NOAA's NWS Documentation
- Tornado EF Scale

External Resources

- NOAA's SPC Reports
- NOAA's SPC WCM Page
- NOAA's NWS Damage Assessment Toolkit
- ESR/FEMA Civil Air Patrol
- Images
- SHELDUS
- USDA Cause of Loss Data

Storm Events Database

Search Results for Galveston County, Texas

Event Types: Excessive Heat, Heat

Galveston county contains the following zones:
'Galveston'

7 events were reported between 01/01/1950 and 01/31/2015 (23772 days)

Summary Info:

Number of County/Zone areas affected:	1
Number of Days with Event:	7
Number of Days with Event and Death:	1
Number of Days with Event and Death or Injury:	1
Number of Days with Event and Property Damage:	0
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	1

Column Definitions:
'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

*Click on **Location** below to display details*
Available Event Types have changed over time. Please refer to the [Database Details](#) for more information.

Sort By: Date/Time (Oldest) ▼

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								2	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	06/26/1999	06.00	CST	Heat		0	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	08/01/1999	06.00	CST	Heat		0	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	07/06/2000	06.00	CST	Heat		2	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	08/29/2000	06.00	CST	Heat		0	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	09/01/2000	00.00	CST	Heat		0	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	06/24/2009	15.05	CST-6	Heat		0	0	0.00K	0.00K
GALVESTON (ZONE)	GALVESTON (ZONE)	TX	07/09/2009	16.00	CST-6	Heat		0	0	0.00K	0.00K
Totals:								2	0	0.00K	0.00K

PROBABILITY OF FUTURE EVENTS

To determine the probability of future extreme heat events, historical data from the NCDC was utilized. It was found that an extreme heat event occurs within the City of Dickinson every 850 days.

VULNERABILITY ASSESSMENT

Extreme heat risks to people and property cannot be distinguished by specific areas, as the hazard can reasonably be predicted to have uniform probability of occurring across the entire community. To estimate potential dollar value of losses to existing buildings, the city evaluated prior loss data from the NCDC database.

- Between 1950 and 2017, there were seven extreme heat events that affected Harris County and Galveston County, which included the City of Dickinson.
- During the period of 2005-2017, Galveston County recorded one extreme temperature event (with no deaths recorded), and Harris County recorded four events, resulting in forty-nine (49) deaths (all occurred during the 2005 Hurricane Rita evacuation).
- No reported damage to crops and/or structures was indicated.
- Records of structural damage as a result of extreme heat are not available; therefore, the estimated annual dollar value damage to existing or future buildings is undeterminable.

All residents of the city would feel the effects of an extreme heat event. All citizens are considered to have the same degree of exposure to the effects of extreme temperatures. However, those residents over the age of 65 and under the age of 10, as well as those citizens with low-to-moderate incomes are considered to be most susceptible to the effects of extreme heat events.

The City of Dickinson Economic Development Corporation estimates the city is home to approximately 21,483 residents most susceptible to the effects of extreme high temperatures:

- 5,509 residents over the age of 65,
- 11,436 children under 10 years of age,
- 3,676 residents with incomes less than \$35,000 annually
- 862 residents of medical and assisted living facilities
- Unknown number of residents whose occupation consists of strenuous labor outside.

Additional effects of extreme high temperatures can include but is not limited to the following:

- Water shortages
- Increased fire danger
- Excessive demands for energy and potential rolling blackouts
- Damage to the city's infrastructure
 - Broken water mains
 - Damage to roadways (asphalt softens & concrete roads crack)
 - Air pollution from stagnant airflow
- Affect the population
- Increased requests for EMS services due to heat exhaustion, heat stroke, etc.
- Increased requests for EMS services as a result of injuries sustained in home swimming pools, outdoor sporting events (i.e., high school football practices/games, band practice/performances, adult sporting events, etc.)

The City of Dickinson, which is prone to both high temperatures and high humidity, is most susceptible to the "Caution" and "Extreme Caution" categories of the Heat Index.

MITIGATION ACTIONS:

This is a list of **past** Mitigation Actions identified in the previous Mitigation Plan.

Implement hazard awareness campaign at city fairs and events.

- **Moderate priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free Materials from FEMA, Red Cross, EMI
Federal & State Grants
- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Continuous

New Mitigation Actions:

Implement a public information and education campaign to educate residents and businesses about extreme heat.

- **Low priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund

Free materials as available
Federal & State Grants

- **Responsibility**
Emergency Management and Public Works
- **Implementation Schedule**
Annually

Conduct a fire safety and prevention program.

- **Low priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Free materials as available
Federal & State Grants
- **Responsibility**
Public Safety/Fire Marshal
- **Implementation Schedule**
Annually

Implement point of distribution and cooling centers.

- **Low priority**
- **Estimated cost** – Staff time and resources
- **Potential funding Source** –
General Fund
Federal & State Grants
- **Responsibility**
Public Safety/Fire Marshal
- **Implementation Schedule**
Annually

Section 3 Mitigation Strategy

The City of Dickinson is committed to hazard mitigation planning aimed at reducing vulnerability to disaster-induced damage. Mitigation success depends on a partnership between government, the private sector, and individuals.

This section will outline the City of Dickinson's mitigation goals as well as review existing mitigation actions and provide new mitigation actions for each hazard.

Overall goals for the *LMP* can be categorized as:

- Public Awareness
- Partnerships and Implementation
- Emergency Services
- Mitigation Planning
- Public Works and Capital Improvements Projects
- Floodplain Management

Mitigation Goals

Mitigation goals identified in the *2011 LMP* were developed and identified by a consensus from planning group meetings, input from citizens, other governmental agencies, studies performed by other government agencies or groups of agencies, and residents. The City of Dickinson's mitigation goals are based on the practice of reducing or eliminating conditions that cause injury, loss of life and property damage.

GOAL 1 - PUBLIC AWARENESS

- Increase public awareness to the risks that are associated with the area's hazards, through information dissemination and outreach programs.
- Provide information on funding resources, partnership opportunities and tools to assist in the implementation of mitigation activities.
- Develop educational training programs and materials residents can utilize to protect property against hazards.

GOAL 2 - PARTNERSHIPS AND IMPLEMENTATION

- Conduct studies and implement planning processes to increase the resident's understanding of the city's hazard vulnerability.
- Strengthen communication and coordinate participation among and within public agencies, residents, non-profit organizations, business, and industry to gain a vested interest in implementation.
- Encourage leadership within public and private sector organizations to prioritize and implement local, county, and regional hazard mitigation activities.

GOAL 3 - EMERGENCY SERVICES

- Maintain and improve where possible the city's ability to respond to all types of hazards.
- Coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures.

GOAL 4 - MITIGATION PLANNING

- Improve hazard assessment: propose recommendations for mitigating new development and encourage preventative measures for existing development in areas vulnerable to natural hazards.
- Preserve, rehabilitate, and enhance natural systems to serve natural hazard mitigation functions.
- Evaluate and update the *City of Dickinson's Local Mitigation Plan* on an annual basis.

GOAL 5 - PUBLIC WORKS AND CAPITAL IMPROVEMENT PROJECTS

- Prioritize drainage projects identified in the Capital Improvements Program according to the number of Repetitive Loss Properties they will benefit.
- Ensure that critical infrastructure sites are protected from hazards.

Benefit-Cost Review

To conduct the Benefit Cost Review of action items, the MPC utilized FEMA's *Using Benefit-Cost Review in Mitigation Planning (FEMA 386-5)* document. The Simple Listing method was chosen to conduct the review. The MPC first listed the action items, identified their benefits and costs, and then assigned a priority to the action. Action items (projects) were ranked as high, medium, or low by the MPC (descriptions of the rankings are below). MPC members considered benefits that would result from the mitigation actions versus the cost of those projects. Detailed cost-benefit analyses for the action items were beyond the scope of this plan. However, economic evaluation was one factor that helped the MPC select one mitigation action from competing actions.

High

- Action items that clearly have more pros (benefits) than cons (costs) were considered high priority.
- Additionally, action items that directly benefit critical facilities or repetitive loss properties were deemed high priority.

Medium

- Action items where the pros (benefits) and cons (costs) were deemed comparatively equal and given a priority ranking of medium.
- Most public education campaigns were ranked as medium because they are time- and resource-intensive, but have the capability to reach numerous residents.

Low

- Action items that were determined to have more cons (costs) than pros (benefits) were ranked as low priority.
- Additionally, projects that would require a significant amount of time and resources (not necessarily monetary), but would yield few benefits were considered low priority.

Section 4 Plan Maintenance Procedures

CFR REQUIREMENTS FOR PLAN MONITORING AND MAINTENANCE

- **CFR §201.6(c)(4)(i):** *[The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle*
- **CFR §201.6(c)(4)(ii):** *[The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*
- **CFR §201.6(c)(4)(iii):** *[The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.*

OTHER LOCAL PLANNING DOCUMENTS

As required by FEMA 44 CFR §201.6(c)(4): A *plan maintenance process* that includes: A process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.

The City of Dickinson was signed on the Galveston County Hazard Mitigation plan in previous years. The City employees who worked with the County to incorporate the City's mitigation strategies and action are unavailable to tell us how they included mitigation into the city's planning process. However, the City of Dickinson worked with the County of Galveston in the elevation program raising 12 properties based on one of the Mitigation Actions from the prior Hazard Mitigation Plan.

Within this planning process and continuing over the five year life of this plan staff will review existing planning documents and identify areas where information from this plan can be incorporated to improve other existing plans.

The City does an Emergency Management exercise annually addressing one or more of the hazards listed in this plan. Exercises are used to review plans, identify mitigation actions and make improvements from the lessons learned. Mitigation actions from this plan can also be used and integrated into the exercise to review the feasibility and effectiveness of the mitigation action in reducing risk.

The Comprehensive plan was completed and adopted in 2016. As the City move forward with meeting the goals and objective laid out in the plan adjustments and improvements may be address with land usage, development, and economic growth. Mitigation strategies can be integrated into the Capital Improvement Plan to ensure resiliency of the growing community.

The City has the ability to adopt more stringent codes and ordinances to provide a higher level of life safety and enable to ability to mitigate against hazards. We will review and modify as necessary.

The City of Dickinson is a municipality with minimal staff and a trim budget. Finding additional funding to hire additional staff would expand the city's ability to better accomplish hazard mitigation.

EXISTING PLANNING DOCUMENTS

- City of Dickinson, Texas, Comprehensive Plan
- Basic Emergency Operations Plan
- The City of Dickinson is a member of the NFIP and has a Floodplain Management Ordinance. The Floodplain Ordinance was last updated, Ord. No. 734-2011.
 - Flood (Replaced Ord 529-2003)
- Building, latest revision accomplished by Ordinance 861-2016
- Fire Code; Ord:862-2016
- Zoning (Codified 2001: Ordinance 886-2017);
- Subdivision and Development Ordinance, 689-2009

- Mobile Home Ordinance, Ord; 806-2015
- Transportation of Wastes & Hazardous Substances (862-2016)

The City of Dickinson Local Mitigation Plan is an official plan of the community and not an internal staff proposal. The Emergency Management Coordinator will be responsible for ensuring the Local Mitigation Plan is reviewed on an annual basis. The Local Mitigation Plan is designed as a stand-alone document, but will also be included as an *Appendix to Annex P: Hazard Mitigation* of the city's *Emergency Operations Plan*.

Once plan is approved by city council after the public hearing the plan will be integrated into Annex P of the City Emergency Management Plan by the EMC

Monitoring, Updating and Evaluating the Plan

MONITORING

The City of Dickinson Mitigation Planning Committee recognizes the need to review and evaluate the effectiveness of this plan. Revisions of the updated plan are required throughout the five (5) years span of this plan ensuring that the goals, objectives, and actions are current. Occasionally changes may be necessary to ensure compliance with federal and state regulations and statutes. Annual meetings of the Mitigation Planning Committee will ensure that the plan is being properly implemented and is achieving the goals and objectives stated in the plan. Action items that could potentially be funded through a grant program will be discussed and prioritized during these meetings, as well. The Emergency Management Coordinator will be responsible for setting up the meetings. The EMC will measure the success and status of the *LMP* goals and action items including site visits to ongoing construction projects, lessons learned from emergency events and provide reports to the MPC as needed. If changes are warranted prior to the annual review the EMC will call a meeting of the MPC and notice will be given to the Public. The public will be notified when the review process begins and will be afforded the opportunity to review and comment on changes to the plan, and the action items. Public participation will be solicited from a combination of informational public meetings, surveys and questionnaires, and City Council meetings.

The City of Dickinson Local Mitigation Plan will be posted on the City's website and accessible to the public, adjacent communities, and partner agencies. Copies of the Local Mitigation Plan will be available for public review at the following locations:

- City Administration (City Hall)
- Office of Emergency Management (Police Station)

Additionally, the Texas Division of Emergency Management (TDEM) will be consulted annually regarding plan requirement changes and planning grant funding opportunities.

EVALUATING

The FEMA-approved Local Mitigation Plan will be posted on the City of Dickinson's website. The Emergency Management Coordinator will be responsible for scheduling annual (at minimum) review meetings and ensuring that the proper notifications are posted on the city's website. An announcement will be posted on the city's website advising the public that the Mitigation Planning Committee has scheduled an annual review and is soliciting their input. The public may submit their comments and/or suggestions regarding the Local Mitigation Plan to the City of Dickinson.

Reports on the status of implementation, including obstacles to progress, will be submitted by assigned departments on an as-needed basis, but no less than once annually. The Mitigation Planning Committee will measure the success of the plan by review each mitigation action item to determine appropriateness with respect to changing situations within the city. Updates regarding the implementation of action items will also be incorporated. Additionally, the Mitigation Planning

Committee will review the risk assessment and capabilities portion of the plan and determine what data will need to be updated or modified.

UPDATING

The Local Mitigation Plan should be updated when a disaster occurs in the community, whether or not it receives a Presidential Declaration. It is recommended that the update be completed as soon as possible following such an event, but no later than one year following such an event. The risk assessment data should be updated on an annual basis to reflect any changes with regard to commercial development, residential development, and other vulnerable structures.

Input from adjacent communities and partner agencies will be requested for each annual plan review and update. This timeline of plan review and update activities will be followed as closely as possible. Annual plan reviews will begin in February 2016.

APRIL 2016 ANNUAL REVIEW OF THE ADOPTED 2016 LOCAL MITIGATION PLAN

- The Emergency Management Coordinator will schedule a meeting of the Mitigation Planning Committee.
- Members of the Mitigation Planning Committee will be notified by email of the scheduled meeting. At this time, the addition of members and/or the replacement of current members will be discussed.
- A notice will be posted on the City of Dickinson's website announcing the annual Plan review. The method(s) of soliciting public input, as well as the locations of Plan copies will be included in the notice.
- All modifications and updates agreed upon by the Mitigation Planning Committee will be incorporated into the Plan. These may include occurrences of hazard events, census figures, economic outlook data, Capital Improvement projects, mitigation action item and strategy changes, etc.

APRIL 2017 ANNUAL REVIEW OF THE ADOPTED 2017 LOCAL MITIGATION PLAN

- The Emergency Management Coordinator will schedule a meeting of the Mitigation Planning Committee.
- Members of the Mitigation Planning Committee will be notified by email of the scheduled meeting.
- A notice will be posted on the City of Dickinson's website announcing the annual Plan review. The method(s) of soliciting public input, as well as the locations of Plan copies will be included in the notice.
- All modifications and updates agreed upon by the Mitigation Planning Committee will be incorporated into the Plan. These may include occurrences of hazard events, census figures, economic outlook data, Capital Improvement projects, mitigation action item and strategy changes, etc.

APRIL 2018 ANNUAL REVIEW OF THE ADOPTED 2017 LOCAL MITIGATION PLAN

- The Emergency Management Coordinator will schedule a meeting of the Mitigation Planning Committee.
- Members of the Mitigation Planning Committee will be notified by email of the scheduled meeting.
- A notice will be posted on the City of Dickinson's website announcing the annual Plan review. The method(s) of soliciting public input, as well as the locations of Plan copies will be included in the notice.
- All modifications and updates agreed upon by the Mitigation Planning Committee will be incorporated into the Plan. These may include occurrences of hazard events, census figures, economic outlook data, Capital Improvement projects, mitigation action item and strategy changes, etc.
- Apply for Pre Disaster Mitigation or other grant funds for the 5-year plan update.

APRIL 2019 **ANNUAL REVIEW OF THE ADOPTED 2020 LOCAL MITIGATION PLAN/PLAN UPDATE KICKOFF MEETING**

- The Emergency Management Coordinator will schedule a meeting of the Mitigation Planning Committee.
- Members of the Mitigation Planning Committee will be notified by email of the scheduled meeting.
- A notice will be posted on the City of Dickinson’s website announcing the annual Plan review. The method(s) of soliciting public input, as well as the locations of Plan copies will be included in the notice.
- The Emergency Management Coordinator will present any new/updated planning guidance from TDEM and/or FEMA to the Mitigation Planning Committee.
- A draft timeline for the 5-year plan update process will be presented.
- Subcommittees may be formed to focus on specific plan sections.
- All modifications and updates agreed upon by the Mitigation Planning Committee will be incorporated into the Plan.

UPDATING PLAN 2019-2020

- Numerous Mitigation Planning Committee meetings will be held.
- Plan revisions agreed upon by the Mitigation Planning Committee will be incorporated into the Plan and noted in the *Record of Changes Table* at the front of this document.
- The draft plan will be submitted to TDEM for review no later than six months prior to the plan expiration date.
- Plan changes/additions requested by TDEM and/or FEMA will be incorporated and submitted.

Adoption

Upon approval by the Texas Division of Emergency Management, the Plan will be submitted to FEMA Region VI for their approval. The City of Dickinson’s City Council formally adopted the original Hazard Analysis and Mitigation Plan on December 12, 2003 (Resolution 2003-58). The City council adopted the 2010 update on July 13, 2010 (Resolution 2010-21).

Section 5 Plan Adoption

A resolution of adoption of this Hazard Mitigation Plan update will be approved by City Council on November 14, 2017.

DRAFT

Appendix

DRAFT

ITEM 12

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY OF DICKINSON, TEXAS, AMENDING THE DICKINSON ECONOMIC DEVELOPMENT CORPORATION ADOPTED BUDGET FOR FISCAL YEAR 2019 – 2020 BY FUNDING ACCOUNTS IN BUDGET DUE TO UNFORESEEN SITUATIONS; PROVIDING A REPEALER CLAUSE, A SEVERABILITY CLAUSE, AND AN EFFECTIVE DATE.

WHEREAS, following proper notice and public hearing, the Dickinson Economic Development Corporation of the City of Dickinson, Texas, passed, approved and adopted the budget for the Fiscal Year 2019-2020 on October 22, 2019; and

WHEREAS, the operations of the Dickinson Economic Development Corporation require periodic transfers and adjustments to reflect expenditures necessary for the economical and efficient provision of services; and

WHEREAS, conditions and circumstances have arisen which could not reasonably have been foreseen in the normal process of planning the budget, and further, the significance of these matters does not permit delay of their implementation until the next fiscal year, and adoption of this ordinance is a matter of grave public necessity for the City of Dickinson.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

Section 1. The facts and recitations set forth in the preamble of this Resolution are hereby found to be true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. The City Secretary is authorized and directed to cause a true and correct copy of such addendum to be attached to the Dickinson Economic Development Corporation budget for Fiscal Year 2019-2020 on file in the office of the City Secretary.

Section 3. The necessity for making and approving a budget for the fiscal year, as required by the laws of the State of Texas, requires that this resolution shall take effect immediately from and after its passage, as the law in such case provides.

DULY PASSED AND APPROVED this the 13th day of October, 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

Account	Description	FY2020 ORIGINAL BUDGET	BUDGET AMENDMENT AMOUNT
40-8210-01-00	OFFICE & POSTAGE SUPPLIES	4,500.00	6,778.00
40-8402-01-00	TRAVEL & TRAINING	15,000.00	22,741.00
40-8417-01-00	UTILITIES-GAS/ELECTICITY/WATER	11,500.00	12,500.00
40-8450-01-00	OFFICE SPACE RENTAL	0.00	30,626.00
40-8508-01-00	FESTIVAL OF LIGHTS	0.00	1,406.00
40-8509-01-00	COMMUNITY SUPPORT	0.00	178.00
40-8515-01-00	LEGAL FEES	0.00	27,062.00
40-8105-02-00	CAR ALLOWANCE	6,000.00	6,600.00
40-8407-02-00	CELL PHONE ALLOWANCE	0.00	100.00
40-8539-18-00	ADMINISTRATIVE SERVICES	32,333.00	39,767.00
40-8527-22-00	CONTRACT SERVICES	26,027.00	52,055.00
40-8619-22-00	PROPERTY ACQUISITION	419,738.00	249,455.00
40-8445-41-00	SPECIAL PROJECTS	0.00	259,000.00
40-8445-41-00-01	CEDAR OAKS PROJECT	17,325.00	22,050.00
40-8445-41-00-02	HUGHES ROAD PROJECT	5,341.00	5,611.00
40-8524-41-00	PROF. SERVICES/ENGINEERING SERV.	50,000.00	0.00
40-8445-41-02	BUSINESS RETENTION PROGRAM	3,500.00	0.00
40-8445-41-03	VISUAL IMP PROGRAM	80,000.00	0.00

ITEM 13

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, APPROVING AND ADOPTING A BUDGET FOR THE DICKINSON ECONOMIC DEVELOPMENT CORPORATION FOR FISCAL YEAR 2020-2021; MAKING APPROPRIATIONS FOR THE CITY FOR SUCH FISCAL YEAR AS REFLECTED IN SAID BUDGET; PROVIDING FOR THE INCORPORATION OF PREAMBLE; MAKING CERTAIN FINDINGS AND CONTAINING CERTAIN PROVISIONS RELATING TO THE SUBJECT; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, after notice required by law, on the 28th day of September 2020, the Dickinson Economic Development Corporation Board proposed and adopted a budget for expenditures for the Dickinson Economic Development Corporation for the 2020-2021 Fiscal Year; and

WHEREAS, the City Council has considered the proposed budget and has made such changes therein as in the City Council's judgment were warranted by law and were in the best interest of the citizens and taxpayers of the City; and

WHEREAS, the City Council now finds that the proposed and adopted budget for the Dickinson Economic Development Corporation for Fiscal Year 2020-2021 should be approved and adopted.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS:

Section 1. The facts and recitations set forth in the preamble of this Resolution are hereby found to be true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. The annual budget for the Dickinson Economic Development Corporation for the Fiscal Year 2020-2021 (attached hereto as Exhibit "A" and incorporated herein by reference the same as if set forth verbatim), including adjustments, is hereby approved and adopted. The City Secretary is hereby directed to place on said budget an endorsement to be signed by the City Secretary, which shall read as follows: "The Original Budget of the Dickinson Economic Development Corporation for the Fiscal Year 2020-2021." Such budget as thus endorsed shall be kept on file in the office of the City Secretary as a public record.

Section 3. The necessity for making and approving a budget for the fiscal year, as required by the laws of the State of Texas, requires that this resolution shall take effect immediately from and after its passage, as the law in such case provides.

DULY PASSED AND APPROVED this the 13th day of October, 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

DICKINSON ECONOMIC DEVELOPMENT CORPORATION											
FISCAL YEAR 2020-2021 PROPOSED BUDGET											
Account Name	FY 17-18 Actual	FY 18-19 YTD	FY 18-19 BUDGETED	Board Approved FY 19-20 Budget	Increase/ (Decrease)	Amended FY 19-20 Budget	FY 19-20 YTD (EO 3rd Qtr)	Actuals (Over)/Under Budget	Proposed FY 20-21 Budget	Increase/ (Decrease)	Notes
REVENUE											
Sales Tax Revenue	1,764,172	834,089	1,577,118	1,685,607	108,490	1,685,607	1,452,283	233,324	1,725,901	40,294	3 yr average = 3% increase expectation
Miscellaneous Income	220,871	3,000	260,341	-	(260,341)	-	-	-	-	-	N/A
Rental Income	-	-	5,353	-	(5,353)	-	-	-	-	-	N/A
Interest Income	8,743	6,849	3,232	12,488	9,256	12,488	8,199	4,289	8,399	(4,089)	3 yr average = 3% increase expectation
TOTAL REVENUE	1,993,786	843,938	1,846,044	1,698,095	(147,949)	1,698,095	1,460,482	237,613	1,734,300		
EXPENDITURES											
Capital Outlays											
Computers/Office Equipment	2,739	-	3,000	5,200	2,200	5,200	18,855	(13,655)	7,500	5,200	office move required some new equipment, now steady
Contractual Payments	26,027	-	26,027	26,027	-	26,027	26,027	-	26,027	-	TXDOT Depot payment
Real Property Acquisition	234,193	175,644	234,193	419,738	185,545	419,738	195,161	224,577	340,447	419,738	15% above 3 yr average
Total Capital Outlays	262,959	175,644	263,220	450,965	187,745	450,965	240,043	210,922	373,974		
Contract Services											
ED Consulting	2,500	500	15,000	10,000	(5,000)	10,000	-	10,000	-	(10,000)	consolidated to Contract Services
Financial & Auditing	-	-	-	4,000	4,000	4,000	2,253	1,747	4,000	-	anticipate audit of 3rd party financial services contract
Contract Services	11,487	-	2,900	22,500	19,600	22,500	250	22,250	32,500	10,000	added ED consulting to consolidate
Legal	28,810	27,775	15,000	33,000	18,000	33,000	49,898	(16,898)	30,724	(2,276)	3 year average + 20% due to multiple transactions and activity
Branding, Marketing and Communications	17	-	-	45,000	45,000	45,000	-	45,000	45,000	-	anticipate marketing/rebranding that did not occur prior year
Professional Services	21,391	84,021	20,000	50,000	30,000	50,000	39,990	10,010	50,000	-	moved to Salary & Benefits
Demolition Services	15,958	-	10,000	-	(10,000)	-	-	-	100,000	100,000	fund for demo budget on 4418 Illinois building and I-45 Sussan property slab prior to redevelopment/sale
Administrative Services	32,333	32,333	32,333	32,333	-	32,333	18,352	13,981	39,000	6,667	cost of new ASA paid to City
Total Contract Services	112,497	144,629	95,233	196,833	101,600	196,833	110,743	86,090	301,224		
Debt Service											
Interest	6,805	-	6,805	2,380	(4,425)	2,380	2,380	-	90,000	87,620	old debt paid; new debt service approx. 6% on \$1.5M construction loan for parking garage on Water Street...until grant is paid and loan paid off
Principal	60,000	-	60,000	65,000	5,000	65,000	65,000	-	-	(65,000)	old debt paid
Total Debt Service	66,805	-	66,805	67,380	575	67,380	67,380	-	90,000		
Projects & Programs											
1 Cedar Oaks/Sussan/Water Street Property	31,117	14,000	75,000	17,325	(57,675)	17,325	14,450	2,875	3,284,000	3,266,675	Water Street Square Public/Private Partnership project; budget for site due diligence, Public Management grant fee, garage construction + \$100K pad
2 Hughes Road Property	5,400	4,345	24,000	5,341	(18,660)	5,341	3,750	1,591	6,600	1,260	Calculation error on June 30, '20 report shows \$1771 not the \$1591 actual calc; mowing = \$550/mo or \$6600/yr actual
Hwy 3 Façade Improv. Prgm	-	-	28,000	-	(28,000)	-	-	-	-	-	N/A; delete
Business Retention Prgm	-	-	3,000	3,500	500	3,500	-	3,500	20,000	16,500	PTE planned to contact and survey local businesses semi-annually and report findings to Board; discover expansion needs to assist growth or contraction needs to retain business in town
Visual Improvement Prgm (Ext. Imp. Grant)	-	-	80,000	80,000	-	80,000	-	80,000	80,000	-	same: 8 x \$10K grants requiring \$10K match

	Adopt-A-Street Program	-	-	3,820	-	(3,820)	-	-	-	-	-	N/A; delete
	Project & Property Design Fees	-	-	50,000	-	(50,000)	-	-	-	-	-	N/A; delete
4	Highway 3 acreage	394,715	174,163	560,000	1,000,000	440,000	600,000	10,600	589,400	140,000	(460,000)	plan and develop shelter/pavilion on 3.5 acres for farmer's market, etc.
6	Harvey Relief	199,994	-	200,000	-	(200,000)	-	-	-	-	-	N/A; delete
7	DVFD	50,000	-	50,000	-	(50,000)	-	-	-	-	-	N/A; delete
	Special Projects	1,500	-	10,000	8,600	(1,400)	-	-	-	-	-	See below
	Economic Development Loans/Grants (EBRGP, Engineer, etc.)						400,000	394,488	5,512	400,000	-	R146-2020 & R147-2020 budget amendments passed by DEDC but all payables not yet updated
	Keep Dickinson Beautiful	-	-	-	7,500	7,500	7,500	5,000	2,500	7,500	-	continue new grant
	Festival of Lights	-	-	-	36,400	36,400	-	1,406	(1,406)	36,400	36,400	continue previous grant
	Holiday Lights Reimbursement Program						10,000	?	?	10,000	-	continue previous grant
	Engineering Professional Services	-	-	65,000	50,000	(15,000)	50,000	-	50,000	50,000	-	site engineering expense for proposed commercial development I-45 and/or Highway 3 acreage
	Total Projects & Programs	682,725	192,508	1,148,820	1,208,666	59,846	1,173,666	429,694	733,972	4,034,500		
	Museum-Tourism											
	Building & Property Maint. / Historic Society Operations Grant from HOT Tax Balance	19,793	6,251	52,154	19,000	(33,154)	19,000	-	19,000	19,000	-	maintained legacy agreement
	Dues, Subscriptions & Books	1,015	250	900	-	(900)	-	-	-	-	-	N/A; deleted
	Marketing & Advertising	4,161	-	5,000	-	(5,000)	-	-	-	-	-	N/A; deleted
	Office Supplies	7,341	-	5,500	-	(5,500)	-	-	-	-	-	N/A; deleted
	Property/Liability Insurance	1,505	-	10,000	-	(10,000)	-	-	-	-	-	N/A; deleted
	Utilities	13,911	1,087	20,000	-	(20,000)	-	-	-	-	-	N/A; deleted
	Total Museum-Tourism	47,725	7,588	93,554	19,000	(74,554)	19,000	-	19,000	19,000		
	DEDC Administration/Operations											
	Building Maintenance	1,430	13,772	500	16,500	16,000	16,500	12,662	3,838	5,000	(11,500)	lower building maintenance with new office lease
	Office Space Rental							20,771	(20,771)	42,000	42,000	new office/business incubator space lease
	Bank Service Charges	189	-	367	367	-	367	42	325	367	-	estimate same banking fees
	Dues, Subscriptions & Books	1,775	1,827	5,500	6,400	900	6,400	1,429	4,971	6,400	-	trend is increased participation and education plan to market in 20-21 once strategic plan developed who to market to
	Marketing & Promotions	21,375	9,447	20,000	25,000	5,000	25,000	15,564	9,436	25,000	-	developed who to market to
	Office Supplies & Postage	229	3,427	2,000	4,500	2,500	4,500	5,105	(605)	5,105	605	actuals
	Personnel Services											N/A; delete
	Special Projects	1,500	-	10,000	-	(10,000)	52,500	20,749	31,751	10,000	(42,500)	project emergency fund
	Property/Liability Insurance	-	-	-	10,000	10,000	10,000	-	10,000	10,000	-	misapplied so no actuals
	Public Official/E&O Insurance	860	-	1,167	1,167	-	1,167	-	1,167	1,200	1,225	actuals + 5%
	Travel & Training	15,312	6,149	15,000	15,000	-	15,000	17,916	(2,916)	15,000	18,000	plan to travel and market 20% more trend is for utility rates to increase, supporting actuals
	Utilities		7,203	492	11,500	11,008	11,500	10,013	1,487	11,500	-	actuals
	Total Admin./Operations	42,671	41,826	55,026	90,434	35,408	142,934	104,251	38,683	131,572		
	Salary & Benefits											
	Base Salary plus bonus or housing allowance	194,098	85,905	221,731	165,000	(56,731)	165,000	81,827	83,173	135,000	(30,000)	CEO salary including performance/COL increase Comp pay for CEO overtime accumulated per Bylaws; not budgeted in prior years but a DEDC liability
	Overtime/Comp Pay									30,000	30,000	ED Coordinator salary/pay; relocated from elsewhere
	PTE Salary	3,514	250	21,179	1,500	(19,679)	1,500	-	1,500	50,000	48,500	per current contract
	Vehicle and Housing Allowances	9,600	10,800	10,800	6,000	(4,800)	6,000	4,650	1,350	27,000	21,000	per current contract
	Cell Phone Allowance	1,100	1,200	1,200	4,800	3,600	4,800	600	4,200	1,800	(3,000)	per current contract
	Cert./Edu. Pay	-	-	1,920	1,920	-	1,920	-	1,920	-	(1,920)	N/A; deleted
	Longevity Pay	900	860	900		(900)						none until 5 years +

FICA Tax (Social Security)	6,395	1,246	8,749	1,445	(7,304)	1,445	-	1,445	1,445	-	estimated
Payroll Tax (Medicare)	3,561	5,326	3,737	3,702	(35)	3,702	1,487	2,215	3,702	-	estimated
Unemployment Tax (TWC)	1,864	750	855	766	(89)	766	153	613	766	-	estimated
Retirement (TMRS)	9,373	8,316	14,764	21,386	6,622	21,386	8,419	12,967	18,200	(3,186)	budgeted high; decrease to actual
Employee Group Insurance	25,073	2,500	26,874	32,709	5,835	32,709	8,441	24,268	32,709	-	budgeted high; decrease to actual
Total Worker's Comp	435	500	464	460	(4)	460	397	63	500	40	adjust to salary
Comp Absences Expense		-	-	-	-	-	-	-	-	-	
Total Salary & Benefits	255,914	117,652	313,173	239,687	(73,486)	239,687	105,974	133,713	301,122		
TOTAL EXPENDITURES	1,471,296	679,847	2,035,831	2,272,964	237,133	2,290,464	1,058,085	1,222,379	5,251,392		
REVENUE - EXPENDITURES	522,489	164,091	(189,787)	(574,869)	(385,082)	(592,369)	402,397	(984,766)	(3,517,092)		
BEGINNING FUND BALANCE	1,584,501	2,108,490	2,108,490	2,108,490		2,108,490	?		?		errors in current reported fund balance @ Capital One; requested clarification from Finance Director; may require audit?
ENDING FUND BALANCE	2,108,490	2,272,581	1,928,703	1,533,621		1,533,621	?		?		

**DICKINSON ECONOMIC DEVELOPMENT CORPORATION
FISCAL YEAR 2020-2021 PROPOSED BUDGET**

Account#	Account Name	FY 17-18 Actual	FY 18-19 Amended Budget	FY 19-20 Approved Budget	FY 19-20 Actual (Q3)
REVENUE					
40-7001-00-00	Sales Tax Revenue	1,764,172	1,577,118	1,685,607	1,452,283
40-7603-00-00	Miscellaneous Income	220,871	260,341	-	-
40-7604-00-00	Rental Income		5,353	-	-
40-7621-00-00	Interest Income	8,743	3,232	12,488	8,199
TOTAL REVENUE		1,993,786	1,846,044	1,698,095	1,460,482
EXPENDITURES					
Capital Outlays					
40-8612-22-00	Computers/Office Equipment	2,739	3,000	5,200	18,855
40-8527-22-00	Contractual Payments	26,027	26,027	26,027	26,027
40-8619-22-00	Real Property Acquisition	234,193	234,193	419,738	195,161
Total Capital Outlays		262,959	263,220	450,965	240,043
Contract Services					
40-8557-18-00	ED Consulting	2,500	15,000	10,000	-
40-8501-18-00	Financial & Auditing		-	4,000	2,553
40-8527-18-00	Contract Services	11,487	2,900	22,500	250
40-8515-18-00	Legal	28,810	15,000	33,000	49,898
40-8434-18-00	Branding & Marketing	17	-	45,000	-
40-8526-18-00	Professional Services	21,391	20,000	50,000	39,990
40-8427-18-00	Demolition Services	15,958	10,000	-	-
40-8539-18-00	Administrative Services	32,333	32,333	32,333	18,352
Total Contract Services		112,497	95,233	196,833	111,043
Debt Service					
40-8951-40-00	Interest	6,805	6,805	2,380	2,380
40-8901-40-00	Principal	60,000	60,000	65,000	65,000
Total Debt Service		66,805	66,805	67,380	67,380
Projects & Programs					
40-8445-41-00-01	Cedar Oaks/Sussan/Water St. Property	31,117	75,000	17,325	14,450
40-8445-41-00-02	Hughes Road Property	5,400	24,000	5,341	3,750
40-8445-41-01	Hwy 3 Façade Improv. Prgm		28,000		-
40-8445-41-02	Business Retention Prgm		3,000	3,500	-

**DICKINSON ECONOMIC DEVELOPMENT CORPORATION
FISCAL YEAR 2020-2021 PROPOSED BUDGET**

Account#	Account Name	FY 17-18 Actual	FY 18-19 Amended Budget	FY 19-20 Approved Budget	FY 19-20 Actual (Q3)
40-8445-41-03	Visual Improvement Prgm	-	80,000	80,000	-
40-8445-41-04	Adopt-A-Street Program		3,820	-	-
40-8524-41-00	Project & Property Design Fees	-	50,000	-	-
40-8445-41-00-04	Highway 3 Acreage (was Pub. Mkt.)	394,715	560,000	1,000,000	10,600
40-8445-41-00-06	Harvey Relief	199,994	200,000	-	-
40-8445-41-00-07	DVFD	50,000	50,000	-	-
40-8445-01-00	Special Projects	1,500	10,000	8,600	20,749
40-8435-01-00	Eco Dev Loans/Grants (EBREGP, Engineer, etc.)	-	-	400,000	394,488
40-8445-01-00-01	Keep Dickinson Beautiful	-	-	7,500	5,000
40-8445-01-00-02	Festival of Lights	-	-	15,000	1,406
40-8445-01-00-03	Holiday Lights Reimbursement Program	-	-	10,000	-
40-8445-41-00	Engineering Professional Services		65,000	50,000	-
Total Projects & Programs		682,725	1,148,820	1,597,266	450,443

**DICKINSON ECONOMIC DEVELOPMENT CORPORATION
FISCAL YEAR 2020-2021 PROPOSED BUDGET**

Account#	Account Name	FY 17-18 Actual	FY 18-19 Amended Budget	FY 19-20 Approved Budget	FY 19-20 Actual (Q3)
Museum-Tourism					
40-8301-16-00	Building & Property Maint.	19,793	52,154	19,000	-
40-8403-16-00	Dues, Subscriptions & Books	1,015	900	-	-
40-8434-16-00	Marketing & Advertising	4,161	5,000	-	-
40-8210-16-00	Office Supplies	7,341	5,500	-	-
40-8708-16-00	Property/Liability Insurance	1,505	10,000	-	-
40-8417-16-00	Utilities	13,911	20,000	-	-
Total Museum-Tourism		47,725	93,554	19,000	-
DEDC Administration/Operations					
40-8301-01-00	Building Maintenance	1,430	500	16,500	12,622
40-8450-01-00	Office Space Rental	-	-	-	20,771
40-8442-01-00	Bank Service Charges	189	367	367	42
40-8403-01-00	Dues, Subscriptions & Books	1,775	5,500	6,400	1,429
40-8434-01-00	Marketing & Promotions	21,375	20,000	25,000	15,564
40-8210-01-00	Office Supplies & Postage	229	2,000	4,500	5,105
40-8101-01-00	Personnel Services	-	-	-	-
40-8708-01-00	Property/Liability Insurance	-	-	10,000	-
40-8709-01-00	Public Official/E&O Insurance	860	1,167	1,167	-
40-8402-01-00	Travel & Training	15,312	15,000	15,000	17,916
40-8417-01-00	Utilities	-	492	11,500	10,013
Total Admin./Operations		41,171	45,026	90,434	83,462
Salary & Benefits					
40-8101-02-00	Base Salary	194,098	221,731	165,000	81,827
40-8102-02-00	Overtime/Comp Pay	-	-	-	-
40-8104-02-00	PTE Salary	3,514	21,179	1,500	-
40-8105-02-00	Allowances - vehicle, housing	9,600	10,800	6,000	4,650
40-8110-02-00	Cell Phone Allowance	1,100	1,200	4,800	600
40-8113-02-00	Cert./Edu. Pay	-	1,920	1,920	-
40-8114-02-00	Longevity Pay	900	900	-	-
40-8150-02-00	FICA Tax (Social Security)	6,395	8,749	1,445	-
40-8151-02-00	Payroll Tax (Medicare)	3,561	3,737	3,702	1,487
40-8152-02-00	Unemployment Tax (TWC)	1,864	855	765	153

**DICKINSON ECONOMIC DEVELOPMENT CORPORATION
FISCAL YEAR 2020-2021 PROPOSED BUDGET**

Account#	Account Name	FY 17-18 Actual	FY 18-19 Amended Budget	FY 19-20 Approved Budget	FY 19-20 Actual (Q3)
40-8153-02-00	Retirement (TMRS)	9,373	14,764	21,386	8,419
40-8155-02-00	Employee Group Insurance	25,073	26,874	32,709	8,441
40-8156-02-00	Total Worker's Comp	435	464	460	397
40-8160-02-00	Comp Absences Expense		-	-	-
Total Salary & Benefits		255,914	313,173	239,687	105,974
TOTAL EXPENDITURES		1,469,796	2,025,831	2,661,564	1,058,345
REVENUE - EXPENDITURES		523,989	(179,787)	(963,469)	402,137
BEGINNING FUND BALANCE		1,584,501	2,108,490	2,108,490	TBD
ENDING FUND BALANCE		2,108,490	1,928,703	1,145,021	TBD

ITEM 14

September 30, 2020

Mr. Robert Donley
President
Dickinson Economic Development Corporation
1621 FM 517 Road East, Suite A
Dickinson, TX 77539

Subject: Partnership to create a Mixed-Use Commercial Development on 19.47 acres of land owned by the Dickinson Economic Development Corporation in Dickinson, Texas

Dear Mr. Donley:

This letter is intended to outline the general terms and conditions of an agreement between the Dickinson Economic Development Corporation and REME WILLIAM COLE, LLC or its designee to effect the development of a new commercial development within the City of Dickinson, Texas. The purpose of this partnership is to convert a vacant parcel of land into an attractive and productive development that will create primary jobs, sales tax revenue and property tax revenue to the City.

Definitions:

“City” shall mean the City of Dickinson, Texas;

“Current Value” shall mean the appraised value of the Land prior to the commencement of the Development Partnership;

“Development” shall mean a new commercial development on the Land, designed for legitimate public purposes, namely to promote, develop, encourage and maintain employment, commerce, economic development and public facility development and to promote the common good and general welfare of the City;

“Development Lot” shall mean individually platted legal lots within the Development;

“Development Partnership” shall mean a mutually acceptable investment entity through which the Owner and RWC will fund, construct, own and conduct the affairs of the Development with an RWC affiliate serving as Managing Partner;

“Land” shall mean the 19.47 acres of land along Interstate 45, just south of Highway 517 in Galveston County, Texas currently owned by the Owner, specifically not to include the future delineated parcel necessary for the construction of a public parking facility to be owned by the City;

“Owner” shall mean the Dickinson Economic Development Corporation;

“RWC” shall mean REME WILLIAM COLE, LLC or its designee;

Accordingly, set forth below is our proposal for the structuring and funding of the Development:

- (i) the Development is to be comprised of (1) a Commercial Component consisting of Development land zoned and otherwise permitted for commercial uses, (2) a potential Residential component for portions of the Land where residential is deemed by RWC to be complementary to the overall goals of the Development, and (3) potential Public Use component(s) which could consist of a parking structure to be owned by the City of Dickinson and park improvements, among other potential uses;
- (ii) Owner and RWC will form the Development Partnership;
- (iii) Owner and RWC will agree on the Current Value on the basis of an appraisal or multiple appraisals;
- (iv) Expenses paid for by either Owner or RWC in pursuit but prior to the formation of the Development Partnership will be considered expenses of the Development Partnership and repaid on a cash available basis, such expenses incurred by RWC including but not limited to land planning, engineering, and legal expenses;
- (v) The Land will remain with the Owner until called in whole or in part by the Managing Partner;
- (vi) Owner agrees to contribute the following components to the Development Partnership: the Land planned for Commercial, Residential and Public Use components as called by the Managing Partner, all plans, specifications, drawings, exhibits, estimates, studies, contracts, land purchase agreements, land lease agreements, intellectual property agreements, permits, applications and any and all additional agreements and assets of Owner currently pertaining to the Land, the costs of any appraisals used to determine the Current Value, and the pursuit costs necessary to secure any grant or other public assistance for Public Use components, all in exchange for (1) a second lien debt position on each Development Lot equivalent to the Current Value divided by the estimated total acreage of all Development Lots multiplied by the acreage of the particular Development Lot, and (2) a Limited Partnership position or equivalent within the Development Partnership;
- (vii) RWC agrees to cooperate with Owner and to contribute development expertise and the balance of cash required for the completion of the

Development all in exchange for a General Partner and Limited Partner position or equivalents within the Development Partnership;

- (viii) The Managing Partner will oversee the platting of Development Lots that may either be sold or contributed by the Development Partnership into one or more special purpose entities created for the express purpose of developing a building or complex of buildings on one or more particular Development Lots;
- (ix) The Managing Partner will be paid a monthly management fee of \$7,500 by the Development Partnership;
- (x) The capital structure for the Development Partnership contemplates a series of development loans to be sourced, negotiated and closed by the Managing Partner, using the Development Lots as collateral;
- (xi) Owner and RWC agree to share equally any completion and/or repayment guarantee(s) that may be required by the Development Partnership development lender(s);
- (xii) Owner agrees to provide ongoing cooperation in the form of obtaining and utilizing, on a best efforts basis, economic development incentives including but not limited to Section 380 agreements, grants, or any other economic development tool suitable to further the purpose of the Development;
- (xiii) There shall be no minimum takedown requirement of the Land by the Development Partnership over any time period;
- (xiv) Owner and RWC will, on a best efforts basis, structure all such development capital to provide for a dedication of all Development Partnership cash flow, including cash flow from a liquidity event such as a refinancing or sale or any partnership distributions from special purpose entities, as follows (a) first, 100% to RWC until RWC has achieved a return of its cash investment, (b) second, 100% to paying any taxes imposed on Development Partnership members resulting from the sale of Development Lots or other assets of the Partnership, (c) third, to the establishment of cash reserves necessary for the Development Partnership to continue with the ongoing productive development of the Land, (d) fourth, upon the occurrence of a final liquidity event, to repayment of development financing and any other Partnership debt, including the Owner second lien, and (e) fifth, subject to the discretion of the Managing Partner, to the following Development Partnership ownership interests:

RWC	90%
Owner	10%

Whereby RWC has the ability to make distributions to partners while an outstanding balance of development financing secured by Development Lots or other assets remains on the books of the Development Partnership.

This letter agreement is intended to provide an outline of the general terms and conditions we believe will allow for the funding necessary to create the Development. Accordingly, we hereby agree to proceed forthwith in good faith to source, negotiate and close the requisite capital to facilitate the creation of the Development as envisioned herein on a best efforts basis. In consideration of the time and expense to be expended by RWC in connection with the analysis of the Land, Owner hereby agrees that through January 31, 2021 neither Owner nor Owner's employees, agents, or representatives shall seek, negotiate or accept any offer to enter into similar development Agreements regarding the Land other than with RWC. Owner and RWC agrees that each shall continue to keep confidential all information, materials and discussions regarding the contemplated Development Partnership until the earlier of (1) two years from the date of Owner's acceptance of this letter, or (2) such time as the closing occurs. If the parties hereto are unable to agree upon the terms of the Development Partnership and other necessary agreements as evidenced by their execution thereof prior or on January 31, 2021, either party may terminate this Letter of Intent at any time thereafter. Both parties to this agreement acknowledge and accept that this paragraph remains binding and that definitive agreements to be drafted will govern the affairs of all parties to the Development and the terms and conditions of these agreements may vary from those outlined herein.

Sincerely,



W. Spencer Clements, Jr.
Vice President
REME WILLIAM COLE, LLC

AGREED AND ACCEPTED THIS
_____ day of _____, 2020

DICKINSON ECONOMIC DEVELOPMENT CORPORATION

By: _____
Robert Donley, President

ITEM 15



To: Mayors – Home Rule Cities
Subject: 2021 General Assembly Designations
From: Chuck Wemple
Date: October 1, 2020 

It's hard to believe 2021 is right around the corner. The Houston-Galveston Area Council will be entering our 55th year of public service and we continue to explore opportunities to better serve our members. The General Assembly and Board of Directors are more active than ever and play an important and revitalized role in setting the course for our agency. You have an opportunity to play a unique role in our future by designating the City Councilmembers that will represent your city at the annual gathering of our General Assembly.

I've attached a form for your city's use in officially designating a representative and an alternate. The two designees must be elected official members of your city's governing body. Please return the completed form by email to cynthia.jones@h-gac.com.

A virtual meeting of Home Rule city representatives will be called on November 12, 2020 via Zoom. At that meeting, your 2020 Home Rule Cities' H-GAC Board of Directors representatives will report on this year's activities and look ahead to issues and progress in 2021.

We are sending a copy of these designation materials to your city secretary as well. We would appreciate receiving your city's designation form **no later than October 30**.

If more information concerning General Assembly membership would be useful, please contact me at 713-993-4514 or Rick Guerrero at 713-993-4598. Thank you again for your city's continuing participation and support for the Houston-Galveston Area Council

Sincerely,

Chuck Wemple

CW/cj

Attachment
cc: City Secretary

**DESIGNATION OF REPRESENTATIVE AND ALTERNATE
HOUSTON-GALVESTON AREA COUNCIL
2021 GENERAL ASSEMBLY**

BE IT RESOLVED, by the Mayor and City Council of _____, Texas,
that _____ be, and is hereby designated as its Representative
to the **GENERAL ASSEMBLY** of the Houston-Galveston Area Council for the year 2021.

FURTHER, that the Official Alternate authorized to serve as the voting representative should
the hereinabove named representative become ineligible, or should he/she resign, is
_____.

THAT the Executive Director of the Houston-Galveston Area Council be notified of the
designation of the hereinabove named representative and alternate.

PASSED AND ADOPTED, this _____ day of _____, 2020.

APPROVED:

Mayor

ATTEST:

By: _____

ITEM 16

RESOLUTION NUMBER XXX-2020

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, ACCEPTING A PROPOSAL FROM HUITT-ZOLLARS, INC. FOR INTERIOR DESIGN SERVICES FOR CITY OF DICKINSON CITY HALL; AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE ANY AND ALL DOCUMENTS NECESSARY TO EFFECTUATE AN AGREEMENT FOR SUCH SERVICES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City desires to accept a proposal from Huitt-Zollars, Inc., attached hereto as Exhibit "A", to render interior design services for City of Dickinson City Hall; and

WHEREAS, upon full review and consideration of the agreement and all matters attendant and related thereto, the City Council is of the opinion that the proposal should be accepted and that the City Administrator should be authorized to execute an agreement with Huitt-Zollars, Inc. and any and all documents necessary to effectuate such agreement on behalf of the City of Dickinson.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, THAT:

Section 1. The above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.

Section 2. The proposal, having been reviewed by the City Council of the City of Dickinson and found to be acceptable and in the best interests of the City of Dickinson and its citizens, is hereby in all things accepted.

Section 3. The City Administrator is hereby authorized to execute an agreement with Huitt-Zollars, Inc., and empowered, for and on behalf of the City, to take all such actions and to execute, verify, acknowledge, certify to, file and deliver all such instruments and documents as shall in the judgment of the City Administrator be appropriate in order to effect the purposes of the foregoing resolution and Agreement.

Section 4. This Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED on this the 13th day of October 2020.

Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:

Kerilyn Bascle, Interim Assistant City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:

David W. Olson, City Attorney
City of Dickinson, Texas

October 2, 2020

Chris Heard
City Administrator
City of Dickinson City Hall
4403 TX-3
Dickinson, TX 77539

RE: City of Dickinson- City Hall Interior Renovation

Dear Christopher,

Huitt-Zollars is delighted to present this proposal to provide interior design services for City of Dickinson City Hall. This proposal outlines the Scope of Service, Compensation, and Qualifications. If additional information is required, please advise us accordingly. We appreciate the opportunity to work with you on this project.

PROJECT DESCRIPTION

The City of Dickinson is interested in making updates to areas within the City Hall in an effort to effectively allow for social distancing and safe working environments for staff and visitors during the Covid-19 Pandemic. Huitt-Zollars made a site visit to review existing conditions and we propose the following scope of work to economically address these issues. Please refer to Exhibit A for locations noted below.

City Hall

- A. Board Room-Dias and A/V updates to allow for video streaming to public
 - New dais design, including modification to platform. (millwork), power/data to accommodate monitors equipped with camera and mic at each member seat
 - 2 large monitors for audience viewing.
 - Camera(s) for full view of dais.
 - Lighting updated to provide better visual of member faces at dais
 - Address finishes as needed.
- B. Conference Room 1- Expand into existing adjacent office space and provide direct access to exterior entry. Add AV equipment for videoconferencing. Address finishes and ceiling/lighting as needed.
- C. Conference Room 2-Add AV equipment for videoconferencing. Finishes and ceiling/lighting to remain.
- D. Water District
 - Expand lobby space to allow for social distancing.
 - Add new exterior service window at Water District. Remove interior existing walls at drop box area.
 - Review need to open wall between service counter area and adjacent space.
 - Address finishes and ceiling/lighting as needed.

DESCRIPTION OF SERVICES

Survey- HZ shall survey the existing wall and ceiling/lighting layouts at areas of work. Revit will be used to develop drawing files illustrating these spaces.

Space Plans - HZ will provide a space plan of the City Hall proposed layout for owner review and approval. One revision to the space plan is included in the fee. Additional space plan options will be charged hourly.

Design Development- HZ will develop the design, illustrating elevations of millwork, power and lighting layout, as well as two finish schemes for owner review and approval. (1 meeting included).

Contract Documents - HZ will provide contract documents including a demolition plan, floor plans illustrating power, data, and finishes, reflected ceiling plan and millwork elevations. Power, data, and lighting will be located. However, circuiting, wiring, voltage, etc will not be defined in the architectural drawing set. The scope is fairly small and can be addressed through the electrical and audio visual subcontractors during the bid exercise.

Contract Administration- CA services will be performed on an as need basis at an hourly rate.

1. Review contractor submittals, such as shop drawings, product data, and samples to ensure they meet the design concept and comply with contract documents. HZ's review shall not include a review of the accuracy or completeness of details, such as quantities, dimensions, weights or gauges, fabrication processes, construction means or methods, coordination of the work with other trades or construction safety precautions, all of which are the sole responsibility of the Contractor. HZ's review shall be conducted with reasonable promptness while allowing sufficient time in HZ's judgment to permit adequate review. Review of a specific item shall not indicate that HZ has reviewed the entire assembly of which the item is a component. HZ shall not be responsible for any deviation from the Construction Documents not brought to the attention of HZ by the Contractor. HZ shall not be required to review partial submissions or those for which submissions of correlated items have not been received.
2. Based on observations of construction progress at the site and on a review of the Contractor's Payment Request, HZ shall make recommendations to the Client relative to progress payments. HZ shall not be deemed to represent that he has made any examination to ascertain how and for what purpose the Contractor has used the moneys paid on account of the contract sum.
3. Review and comment on contractor's substantial completion punch list items and/or work to be corrected or replaced.

ADDITIONAL SERVICES

The following services are not included in the fee below.

1. Additional square footage in scope of work.
2. Furniture selection or inventory of existing furniture
3. Meetings and/or design options in addition to the quantity noted above

If special Owner requests are identified we will provide an estimate of total cost before proceeding and invoicing will be done on a stipulated sum or an hourly basis in accordance with the attached Rate Sheet. Major revisions to the documents requested or required due to budget constraints, or other, will be subject to additional services, per the rates indicated.

CONSULTANTS

An MEP consultant and an Audio Visual and Cabling consultant are not included in the fee. These services can be provided under our contract if preferred.

COMPENSATION

SD-CD Lump Sum: **\$15,000.00:**

CA Hourly Rate: Not to Exceed **\$6,000** without client authorization (approximately 50 hours).

Reimbursable expenses: These include travel, printing, mileage, delivery, and TDLR registration, review, and inspection.

An estimate of reimbursable expenses for Huitt-Zollars for this project should be budgeted at **\$2,500.00**.

Total proposed fee for architectural and interior design services: \$23,500.00

Qualifications, Terms and Conditions

This proposal is based on the following assumptions and qualifications:

1. **AUTHORIZATION FOR WORK TO PROCEED.** Signing of this AGREEMENT for services shall be authorization by the CLIENT for HUITT-ZOLLARS to proceed with the work.
2. **ARCHITECT'S OPINION OF PROBABLE CONSTRUCTION COSTS.** Construction cost estimates provided by HUITT-ZOLLARS are prepared from experience and judgment. HUITT-ZOLLARS has no control over market conditions or construction procedures and does not warrant that proposals, bids, or actual construction costs will not vary from HUITT-ZOLLARS estimates.
3. **STANDARD OF CARE.** Services performed by HUITT-ZOLLARS under this AGREEMENT will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended in this AGREEMENT, or in any report, opinion, document or otherwise.
4. **TAXES.** All taxes, including but not limited to gross receipts tax, sales tax, etc., required to be paid will be billed to the CLIENT in addition to fees.
5. **BILLING AND PAYMENT.** The CLIENT, recognizing that timely payment is a material part of the consideration of this AGREEMENT, shall pay HUITT-ZOLLARS for services performed in accordance with the rates and charges set forth herein. Invoices will be submitted by HUITT-ZOLLARS on a monthly basis and shall be due and payable within thirty (30) calendar

days of invoice date. If the CLIENT objects to all or any portion of an invoice, the CLIENT shall so notify HUITT-ZOLLARS in writing within ten (10) calendar days of receipt of the invoice in question, but will pay, when due, that portion of the invoice not in dispute. The CLIENT shall pay an additional charge of one-and-one-half percent (1.5%) (or the maximum percentage allowed by law, whichever is lower) of the invoiced amount per month for any payment received by HUITT-ZOLLARS more than thirty (30) calendar days from date of the invoice, excepting any portion of the invoiced amount in dispute and resolved in favor of CLIENT. Payment thereafter shall first be applied to accrued interest and then to the principal unpaid amount.

If CLIENT, for any reason, fails to pay an invoice or the undisputed portion of a HUITT-ZOLLARS invoice within sixty (60) calendar days of invoice date, HUITT-ZOLLARS will notify the CLIENT by registered mail that HUITT-ZOLLARS shall cease work on the project in ten (10) calendar days if the invoice in question is not paid. In this case, the CLIENT shall waive any claim against HUITT-ZOLLARS, and shall defend and indemnify HUITT-ZOLLARS from and against any claims for injury or loss stemming from HUITT-ZOLLARS cessation of service. CLIENT shall also pay HUITT-ZOLLARS the cost associated with premature project demobilization. In the event the project is remobilized, CLIENT shall also pay the cost of remobilization, and shall renegotiate appropriate contract terms and conditions, such as those associated with budget, schedule or scope of service. In the event any invoice or portion thereof is disputed by CLIENT, CLIENT shall notify HUITT-ZOLLARS within ten (10) calendar days of receipt of the bill in question, and CLIENT and HUITT-ZOLLARS shall work together to resolve the matter within forty-five (45) days of its being called to HUITT-ZOLLARS attention. If resolution of the matter is not attained within forty-five (45) calendar days, either party may terminate this AGREEMENT.

6. CONSEQUENTIAL DAMAGES. The CLIENT shall not be liable to HUITT-ZOLLARS and HUITT-ZOLLARS shall not be liable to the CLIENT for any consequential damages incurred by either due to the fault of the other, regardless of the nature of this fault, or whether it was committed by the CLIENT or HUITT-ZOLLARS, their employees, agents or Sub-contractors. Consequential damages include, but are not limited to loss of use and loss of profit.
7. TERMINATION. In the event termination becomes necessary, the party (CLIENT or HUITT-ZOLLARS) effecting termination shall so notify the other party, and termination will become effective fourteen (14) calendar days after receipt of the termination notice. Irrespective of which party shall effect termination or the cause of termination, the CLIENT shall within thirty (30) calendar days of termination remunerate HUITT-ZOLLARS for services rendered and costs incurred up to the effective time of termination, in accordance with HUITT-ZOLLARS prevailing Fee Schedule and Expense Reimbursement Policy.
8. ADDITIONAL SERVICES. Any services beyond those specified herein will be provided for separately under a mutually agreed upon Scope of Services, Budget and Schedule and an additional written authorization from the CLIENT. If the CLIENT requires the Design Team to proceed with a substantial change in the design; i.e. significant change in the design of a building system or design concept, requiring an extension in the project schedule, HUITT-ZOLLARS may request Additional Services and will provide the CLIENT a budget or proposal for approval prior to proceeding with additional work. "As-built" or "Record Drawings", presentation animations, renderings, and scale models are excluded from the scope of this proposal but can be provided as an additional service upon request.

9. GOVERNING LAW. The laws of the State of Texas will govern the validity of this AGREEMENT, its interpretation and performance. Any litigation arising in any way from this AGREEMENT shall be brought to the courts of that State.
10. HAZARDOUS MATERIALS-SUSPENSION OF SERVICES. As used in this Agreement, the term *hazardous materials* shall mean any substances, including without limitation asbestos, toxic or hazardous waste, PCB's, combustible gases and materials, petroleum or radioactive materials (as each of these is defined in applicable federal statutes) or any other substances under any conditions and in such quantities as would pose a substantial danger to persons or property exposed to such substances at or near the Project site.

Both parties acknowledge that HUITT-ZOLLARS scope of services does not include any services related to the presence of any hazardous or toxic materials. In the event HUITT-ZOLLARS or any other party encounters any hazardous or toxic materials, or should it become known to HUITT-ZOLLARS that such materials may be present on or about the jobsite or any adjacent areas that may affect the performance of HUITT-ZOLLARS services, HUITT-ZOLLARS may, at its sole option and without liability for consequential or any other damages, suspend performance of its services under this AGREEMENT until the CLIENT retains appropriate consultants or contractors to identify and abate or remove the hazardous or toxic materials and warrants that the jobsite is in full compliance with all applicable laws and regulations.

11. CONSTRUCTION OBSERVATION. If Construction Phase Services are part of this AGREEMENT, HUITT-ZOLLARS shall visit the site at intervals agreed to in writing by the CLIENT and HUITT-ZOLLARS, in order to observe the progress and quality of the Work completed by the Contractor. Such visits and observation are not intended to be an exhaustive check or a detailed inspection of the Contractor's work but rather are to allow HUITT-ZOLLARS to become generally familiar with the Work in progress and to determine, in general, if the Work is proceeding in accordance with the Contract Documents.
12. Based on this general observation, HUITT-ZOLLARS shall keep the CLIENT informed about the progress of the Work and shall advise the CLIENT about observed deficiencies in the Work. If the CLIENT desires more extensive project observation or fulltime project representation, the CLIENT shall request that such services be provided by HUITT-ZOLLARS as Additional Services in accordance with the terms of this AGREEMENT. HUITT-ZOLLARS shall not supervise, direct or have control over the Contractor's work nor have any responsibility for the construction means, methods, techniques, sequences or procedures selected neither by the Contractor nor for the Contractor's safety precautions or programs in connection with the Work.

These rights and responsibilities are solely those of the Contractor in accordance with the Contract Documents. HUITT-ZOLLARS shall not be responsible for any acts or omissions of the Contractor, any subcontractor, any entity performing any portions of the Work, or any agents or employees of any of them. HUITT-ZOLLARS does not guarantee the performance of the Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules or regulations.

13. JOBSITE SAFETY. Neither the professional activities of HUITT-ZOLLARS, nor the presence of HUITT-ZOLLARS or its employees and sub-consultant at a construction/project site, shall impose any duty on HUITT-ZOLLARS, nor relieve the

Contractor of its obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending and coordinating the Work in accordance with the Contract Documents and any health or safety precautions required by any regulatory agencies. HUITT-ZOLLARS and its personnel have no authority to exercise any control over any construction contractor or its employees in connection with their work or any health or safety programs or procedures. The CLIENT agrees that the Contractor shall be solely responsible for jobsite and worker safety and warrants that this intent shall be carried out in the CLIENT's contract with the Contractor.

The CLIENT also agrees that the Contractor shall defend and indemnify the CLIENT, HUITT-ZOLLARS and HUITT-ZOLLARS sub-consultants. The CLIENT also agrees that the CLIENT, HUITT-ZOLLARS and HUITT-ZOLLARS sub-consultants shall be made additional insureds under the Contractor's policies of general liability insurance. The CLIENT shall furnish to HUITT-ZOLLARS certificates of insurance from the Contractor evidencing the required coverage specified above. The certificates shall include a provision that HUITT-ZOLLARS shall receive thirty (30) days minimum written notification in the event of cancellation, non-renewal or material change of coverage.

14. RIGHT TO RELY ON CLIENT-PROVIDED INFORMATION. CLIENT shall be responsible for, and HUITT-ZOLLARS may rely upon, the accuracy and completeness of all requirements, programs, instructions, reports, data, and other information furnished by CLIENT or any of its other consultants (collectively the CLIENT) to HUITT-ZOLLARS pursuant to this Agreement. HUITT-ZOLLARS may use such requirements, programs, instructions, reports, data, plans and information in performing or furnishing services under this Agreement. Any increased costs incurred by HUITT-ZOLLARS due to changes in or the incorrectness of information provided by the CLIENT shall be compensable to HUITT-ZOLLARS. Geotechnical and Environmental investigations are to be provided by CLIENT.
15. OWNERSHIP OF INSTRUMENTS OF SERVICE. All reports, drawings, specifications, computer files, field data, notes and other documents and instruments prepared by HUITT-ZOLLARS as instruments of service shall remain the property of HUITT-ZOLLARS. HUITT-ZOLLARS shall retain all common law, statutory and other reserved rights, including the copyright thereto.
16. SEVERABILITY. Any term or provision of this AGREEMENT found to be invalid under any applicable statute or rule of law shall be deemed omitted and the remainder of this AGREEMENT shall remain in full force and effect.
17. ASSIGNMENT. Neither party to this Agreement shall transfer, sublet or assign any rights or duties under or interest in this Agreement, including but not limited to monies that are due or monies that may be due, without the prior written consent of the other party. Subcontracting to sub-consultants, normally contemplated by HUITT-ZOLLARS as a generally accepted business practice, shall not be considered an assignment for purposes of this Agreement.
18. TRAVEL. Travel outside the Houston metro area will require prior client approval and be subject to travel reimbursable expenses. Travel time is included in the Basic Service Professional fees, unless specifically noted otherwise in this proposal.

19. SCHEDULE. This proposal is based on the schedule as enumerated herein.
20. CLIENTS REPRESENTATIVE. The Client shall designate a representative authorized to act on the CLIENTS' behalf with respect to the project that shall furnish information and render decisions in a timely fashion in order to not adversely affect the project schedule or budget.
21. LIMITATION OF LIABILITY
IN ORDER FOR THE CLIENT TO OBTAIN THE BENEFITS OF A FEE WHICH INCLUDES A LESSER ALLOWANCE FOR RISK FUNDING, THE CLIENT AGREES TO LIMIT HUITT-ZOLLARS' LIABILITY ARISING FROM HUITT-ZOLLARS' PROFESSIONAL ACTS, ERRORS OR OMISSIONS, SUCH THAT THE TOTAL AGGREGATE LIABILITY OF HUITT-ZOLLARS SHALL NOT EXCEED HUITT-ZOLLARS' TOTAL COMPENSATION FOR THE SERVICES RENDERED ON THIS PROJECT.

Statement of Jurisdiction; The Texas Board of Architectural Examiners (TBAE) has jurisdiction over complaints regarding the professional practices of persons registered as architects in Texas. TBAE office is located in the Hobby Building, 333 Guadalupe, Suite 2-305, Austin, Texas 78701.

Cordially,

Marcy Newman, RID, LEED AP
Vice President

ACCEPTED:
City of Dickinson

Signature

Printed Name

Title

Date

Attachment: 2020 Hourly Rate Sheet

HUITT-ZOLLARS

Houston

2020

HOURLY RATE SHEET

Engineering/Architecture

Principal	\$ 255.00
Design Principal	\$ 235.00
Sr. Project Manager	\$ 235.00
QA Manager	\$ 230.00
Project Manager	\$ 200.00
Sr. Civil Engineer	\$ 200.00
Sr. Structural Engineer	\$ 200.00
Sr. Mechanical Engineer	\$ 190.00
Sr. Electrical Engineer	\$ 190.00
Civil Engineer	\$ 185.00
Structural Engineer	\$ 185.00
Mechanical Engineer	\$ 165.00
Electrical Engineer	\$ 165.00
Plumbing Engineer	\$ 150.00
Engineer Intern	\$ 135.00
Sr. Architect	\$ 195.00
Architect	\$ 160.00
Architect Intern 1	\$ 100.00
Architect Intern 2	\$ 120.00
Architect Intern 3	\$ 150.00
Sr. Landscape Architect	\$ 175.00
Landscape Architect	\$ 135.00
Landscape Architect Intern	\$ 100.00
Sr. Planner	\$ 250.00
Planner	\$ 160.00
Planner Intern	\$ 100.00
Sr. Designer	\$ 155.00
Designer	\$ 130.00
Sr. CADD Technician	\$ 140.00
CADD Technician	\$ 100.00

Interior Design

Sr. Interior Designer	\$ 140.00
Interior Designer	\$ 120.00
Interior Designer Intern	\$ 90.00

Survey

Survey Manager	\$ 170.00
Sr. Project Surveyor	\$ 155.00
Project Surveyor	\$ 140.00
Survey Technician	\$ 130.00
Surveyor Intern	\$ 115.00

Survey Crews

1-Person Survey Crew	\$ 100.00
2-Person Survey Crew	\$ 150.00
3-Person Survey Crew	\$ 175.00

Construction

Construction Manager	\$ 190.00
Resident Engineer	\$ 185.00
Sr. Project Representative	\$ 135.00
Resident Project Representative	\$ 100.00

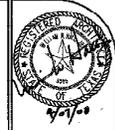
Administrative

Sr. Project Support	\$ 100.00
Project Support	\$ 80.00

Reimbursable Expenses

Consultants	Cost + 10%
Other Direct Costs	Cost + 10%
Mileage	IRS Standard Business Mileage Rate

**CITY OF DICKINSON
CITY HALL RENOVATIONS
EXHIBIT A**



L & LIBRARY
IN, TEXAS 77639

SI

HALL BARN
ARCHITECT
2727 Wesleyan Houston, TX 77027 713 821 7393

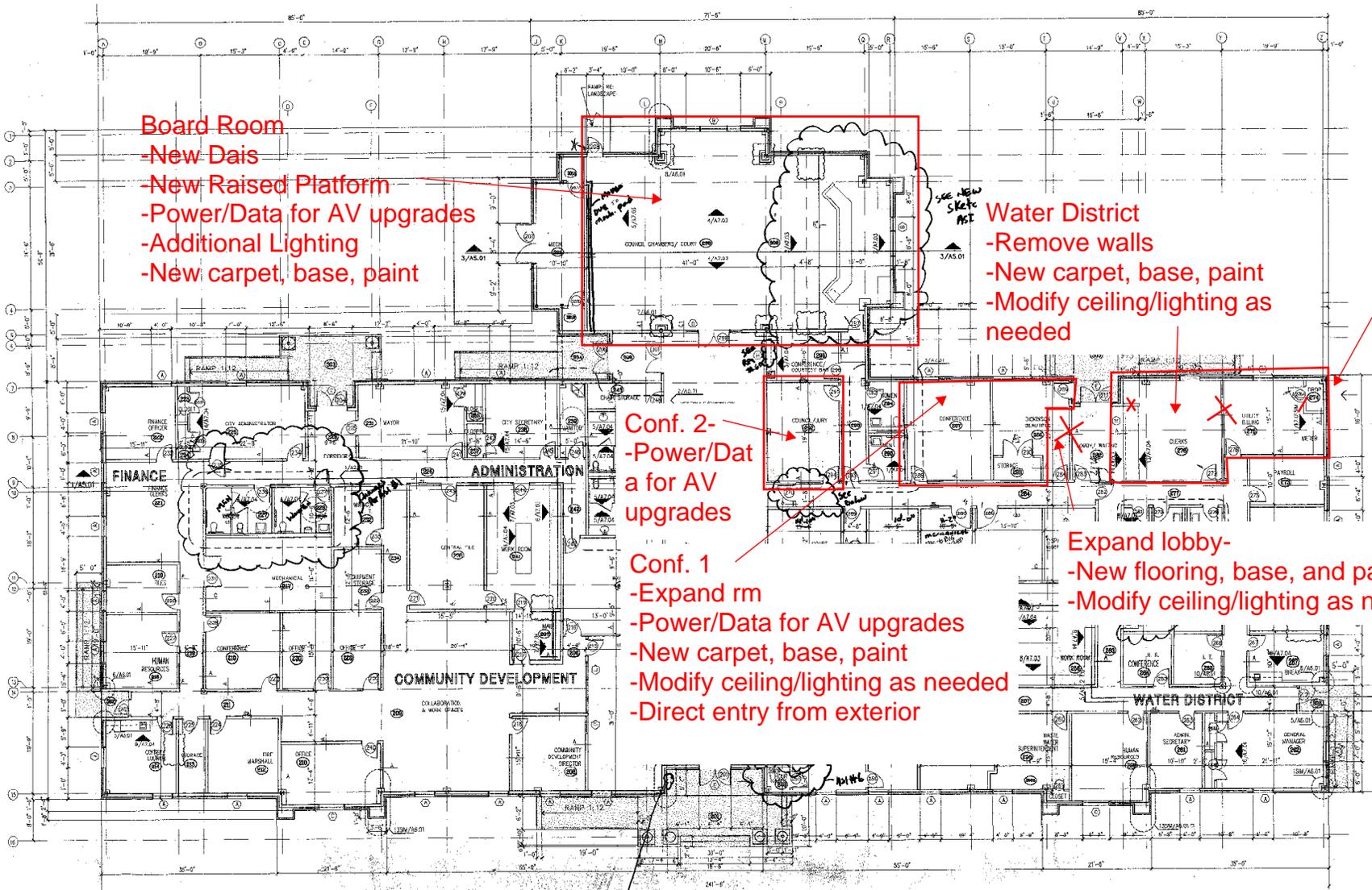
DUROTECH
FLOORING OF TEXAS

ASBUILT'S

CHECKED BY
WH
DRAWN BY
SDJ
PROJECT NO.
06-12
ISSUED
08-07-2007
REVISION
04-07-2008
DRAWING NO.

A2.02

DICKINSON CITY HALL & LIBRARY
HBLA Project # 06-12



Board Room
-New Dais
-New Raised Platform
-Power/Data for AV upgrades
-Additional Lighting
-New carpet, base, paint

Water District
-Remove walls
-New carpet, base, paint
-Modify ceiling/lighting as needed

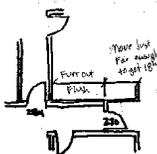
Add transaction window and remove closet enclosure

Conf. 2-
-Power/Data for AV upgrades

Conf. 1
-Expand rm
-Power/Data for AV upgrades
-New carpet, base, paint
-Modify ceiling/lighting as needed
-Direct entry from exterior

Expand lobby-
-New flooring, base, and paint
-Modify ceiling/lighting as needed.

Mount Keypads 5' high per N.H.C.C.



PLAN NORTH
CITY HALL FLOOR PLAN
1/8"=1'-0"

ITEM 17

EXECUTIVE SESSION

RECESS TIME: _____

ITEM 18

RECONVENE

TIME: _____

ITEM 19

ITEM 20

ADJOURN

TIME: _____
MOTION: _____
SECOND: _____
VOTE: _____